

MAP NO. ASSESSMENT REPORT X DOCUMENT NO.: 092511  
PROSPECTUS MINING DISTRICT: DAWSON  
CONFIDENTIAL X TYPE OF WORK: GEOLOGICAL & GEOCHEMICAL  
115 N 15 OPEN FILE

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REPORT FILED UNDER: Croesus Resources Inc.

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DATE PERFORMED: August 24 - October 3, 1987 DATE FILED: June 13, 1988

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LOCATION: LAT.: 63°55'N AREA: 60 km southwest of Dawson  
LONG.: 140°45'W VALUE \$: 34,000.00

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CLAIM NAME & NO.: PRA 1-6 YA89074-079; PRA 19-22 YA89092-095; PRA 37-44 YA89110-117;  
PRA 58 YA89131; PRA 60 YA89133; PRA 62 YA89135; PRA 64 YA89137;  
PRA 66 YA89139; PRA 68 YA89141; HAR 1-134 YA89559-692; BOZO 1-12  
YB04061-072

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WORK DONE BY: H.J. Keyser Aurum Geological Consultants Inc.

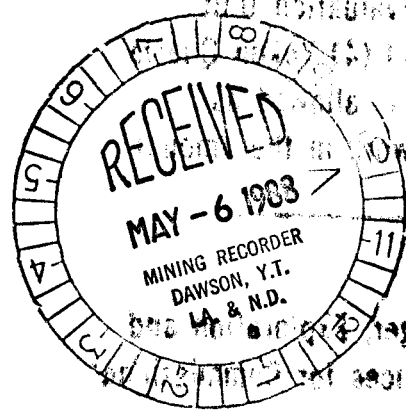
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WORK DONE FOR: Croesus Resources Inc.

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DATE TO GOOD STANDING	REMARKS:

092511



**REPORT ON THE 1987  
GEOLOGICAL AND GEOCHEMICAL FIELDWORK  
ON THE GOLDEN CRAG PROPERTY**

Dawson M.D., Yukon  
Aug. 24 - Oct. 3, 1987



**Claims:** Pra 1-6 (YA89074-079)  
Pra 19-22 (YA89092-095)  
Pra 37-44 (YA89110-117)  
Pra 58 (YA89131)  
Pra 60 (YA89133)  
Pra 62 (YA89135)  
Pra 64 (YA89137)  
Pra 66 (YA89139)  
Pra 68 (YA89141)  
Har 1-134 (YA89559-692)  
Bozo 1-12 (YB04061-072)

**Location:** 1. 60 km southwest of Dawson, Yukon  
2. NTS Sheet 115 N/15  
3. Latitude 63° 55' N  
Longitude 140° 45' W

**For:** Croesus Resources Inc.  
600-890 West Pender Street  
Vancouver, B.C. V6C 1J9

**By:** Harmen J. Keyser, B.Sc., F.G.A.C.  
Aurum Geological Consultants Inc.  
604-675 West Hastings Street  
Vancouver, B.C. V6B 1N2

April 28, 1988

This report has been examined by  
the Geological Evaluation Unit  
under Section 53 (4) Yukon Quartz  
Mining Act and is allowed as  
representation work in the amount  
of \$ 34 000.00.

*S.J. Grenier*  
for Regional Manager, Exploration and  
Geological Services for Commissioner  
of Yukon Territory.



## SUMMARY

Croesus Resources Inc. and its joint venture partners Kelan Resources Inc. and Red Fox Minerals Ltd. control 226 mineral claims collectively called the Golden Crag Property 60 kilometers west of Dawson, Yukon. The ground became an attractive exploration target in the 1960's when numerous high grade silver and lead bearing veins were discovered.

Trenching, geological mapping, magnetic surveying, and rock, soil, and stream sediment sampling were carried out during the 1987 exploration program. The property is underlain by Paleozoic to Precambrian metasediments including gneiss, schist, quartzite and marble, intruded by Mesozoic granitoid rocks.

Eight gold-silver-lead bearing veins have been identified to date on the Golden Crag Property, which have assayed up to 0.09 opt gold, 151 opt silver, and 72% lead from selected grab samples. The veins appear to be narrow but more exploration is required to test their three-dimensional extent.

In addition, a garnet-diopside-epidote skarn with locally massive magnetite mineralization has been mapped at the eastern part of the property. Soil geochemistry has returned reproducible values up to 9,090 ppb gold and 23.5 ppm silver. Combined with a coincident high-order magnetic anomaly, these data indicate a gold-bearing skarn.

The soil geochemistry responded to the known veins, and has identified anomalies of the same magnitude in areas where mineralization is not yet known. This, combined with mineralized vein-type float found within the anomalies and other geological targets, suggest extensions to the known veins and new mineralized structures.

An exploration program for the 1988 season is warranted and recommended to further test the precious metal potential of the Golden Crag Property. The work will consist of surveying, geophysics, geochemistry, geological mapping, trenching, and diamond drilling.

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Appendix B - Petrographic Report (Leitch 1987)
Appendix C - Magnetic Survey Data and Profiles
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## INTRODUCTION

This report was prepared at the request of Mr. Jon Bergvinson, President of Croesus Resources Inc. Its purpose is to satisfy assessment requirements of the Yukon Quartz Mining Act through a description of a mineral exploration program carried out on the Golden Crag Property in 1987.

The property is located 60 kilometers southwest of Dawson, Yukon and is accessible by road.

Exploration work completed in 1987 consisted of road construction and rehabilitation; trenching; rock, soil and stream sediment geochemistry; magnetometer surveying; and geological mapping. The work program was carried out during the period August 24 to October 3, 1987 and terminated because of weather conditions. Supervision was by H. Keyser, assisted by S. Dudka, G. Smith, and B. Sauer all of Aurum Geological Consultants Inc. Camp construction and limited surveying was performed by MBW Surveys Ltd. of Whitehorse, and heavy equipment was provided by Hawk Mining and Brisebois Bros. Construction of Dawson.

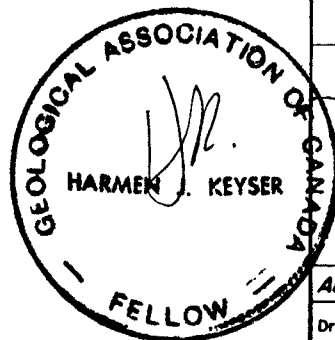
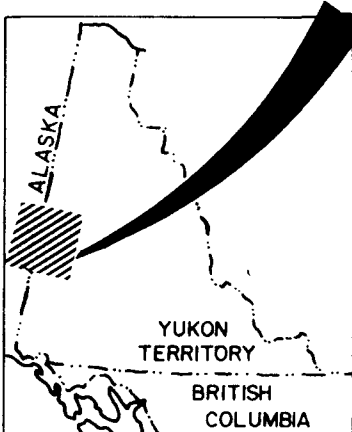
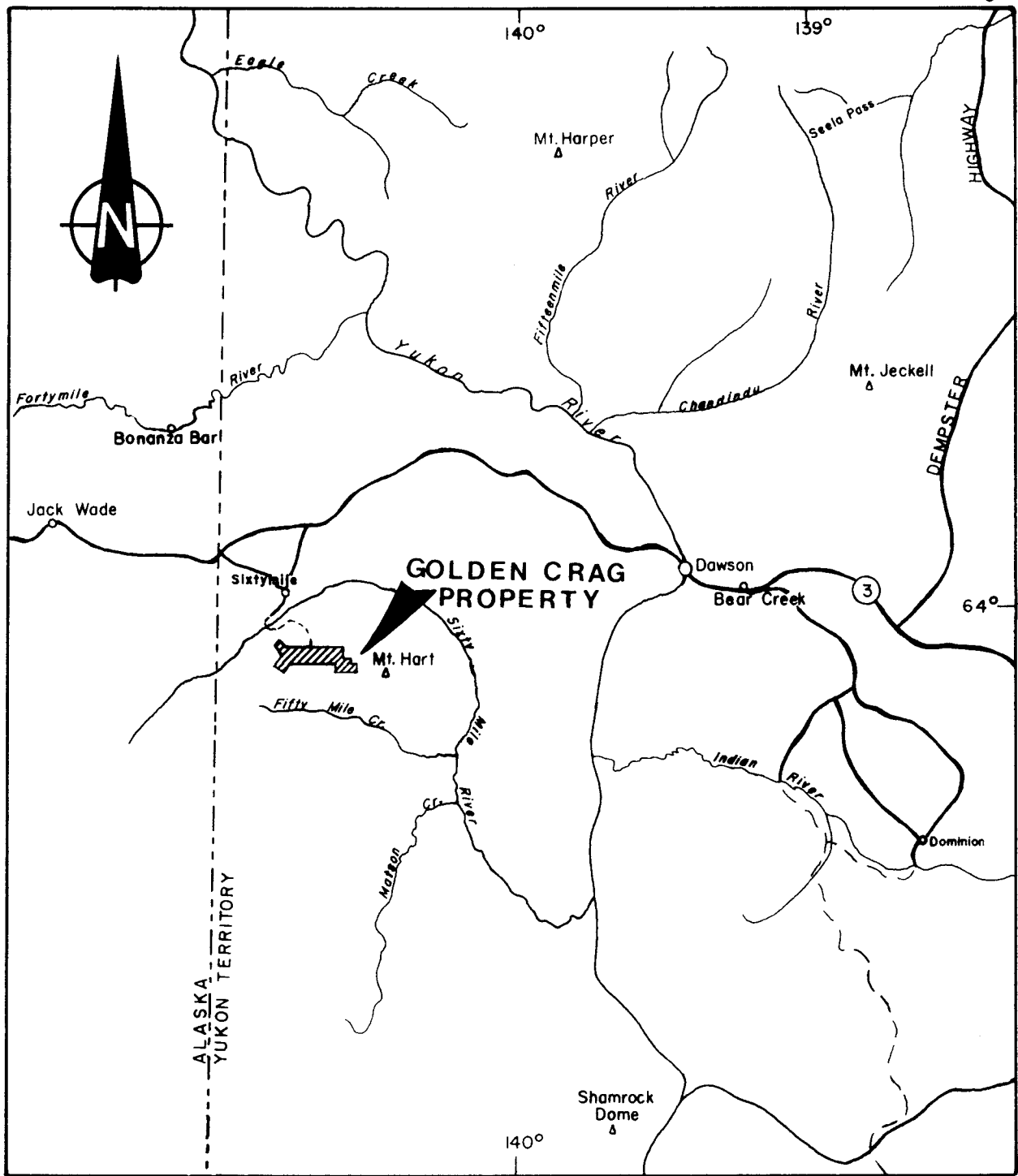
Croesus Resources Inc. has joint-ventured two separate groups of claims (totaling 44 claims of 226 property claims) within the Golden Crag Property to Red Fox Minerals Ltd. and Kelan Resources Inc. This report describes work carried out by Croesus, as well as a compilation of results on the Red Fox and Kelan ground which is fully described in reports by B. Price, F.G.A.C. (1987 and 1988). For assessment purposes, this report applies to 170 claims listed under PROPERTY.

## LOCATION AND ACCESS

The Golden Crag property is located in west-central Yukon, about 60 km southwest of Dawson (Figure 1). It is centered approximately on the divide separating Sixtymile River from Fifty Mile Creek at geographic coordinates  $63^{\circ} 55' N$  and  $140^{\circ} 45' W$ .

Access is provided by good gravel roads servicing active placer gold mining operations in the Sixtymile River area, a road distance from Dawson of about 100 km. A 4WD trail then crosses the Sixtymile River and continues for an additional 12 km to the property. "Cat" trails traverse the property in several areas, providing good access for 4WD and ATC-type vehicles.

Alternatively, helicopters are available for charter at Dawson, with a one-way flight time of about 20 minutes.



CROESUS RESOURCES INC.	
GOLDEN CRAG PROPERTY	
LOCATION	
<i>Aurum Geological Consultants Inc.</i>	March, 1988
Drawn by N.S.	Checked by H.K.
Scale 1:1,000,000	FIGURE 1

## HISTORY

Placer gold was first discovered in the Sixtymile River area in 1892 by miners crossing the divide from the Fortymile goldfields in Alaska (Cockfield 1921). Recorded production for the periods 1892 to 1917 and 1978 to 1984 total 177,038 ounces gold (Cockfield 1921, and Debicki and Gilbert 1986). Records are not available for the period 1918 to 1977, although significant placer mining has taken place. The majority of placer gold production has come from the Sixtymile River valley itself, and its northern tributaries between Bedrock Creek and Big Gold Creek. Scheelite, galena, cinnabar, and cassiterite are also found in the placer concentrates. There has been no significant lode production or exploration in the Golden Crag property area.

Vein-type silver mineralization was first discovered on ground now covered by the Golden Crag property in the early 1900's, probably by placer miners searching for the source of the placer gold. Bulldozer trenching over cold-extraction total sulfide soil geochemical anomalies was carried out in 1964, 1965 and 1966 by prospectors M. Chefkoi, J. Lerner, and A. Moisey; Tottrup and Associates Ltd.; and Cannex Exploration Company (Marshall 1965 and Cholach 1969a) which led to discovery of three lead-silver veins at the western part of the present Golden Crag property. In 1966, a 19.6 ton hand sorted shipment of mineralized material from the No. 1 and 3 veins was made to the Cominco smelter in Trail, B.C. This returned 67 opt silver, 0.06 opt gold, 67.3% lead, 0.5% arsenic, and 0.6% antimony (Cholach 1969a). Connaught Mines Ltd. of Edmonton acquired the ground in 1968 and conducted a major exploration program in 1968 and 1969 directed at locating porphyry-type Cu-Mo deposits. Archer, Cathro and Associates Ltd. were involved in 1969 and continued the program in 1970 for Moly-Ore Mines Ltd. Work included soil and sediment geochemistry (11,000 samples analyzed for Pb, Cu, and Mo only), bulldozer trenching, and 432 m of diamond drilling (Cholach 1969a). The potential for gold mineralization was not addressed. Trenching was filed for assessment during the 1970's, but results are not available.

Walhala Explorations Ltd. of Whitehorse acquired the ground by staking in 1987. Croesus Resources Inc. optioned the ground from Walhala, and carried out the 1987 exploration program in joint-venture with Red Fox Minerals Ltd. and Kelan Resources Inc.

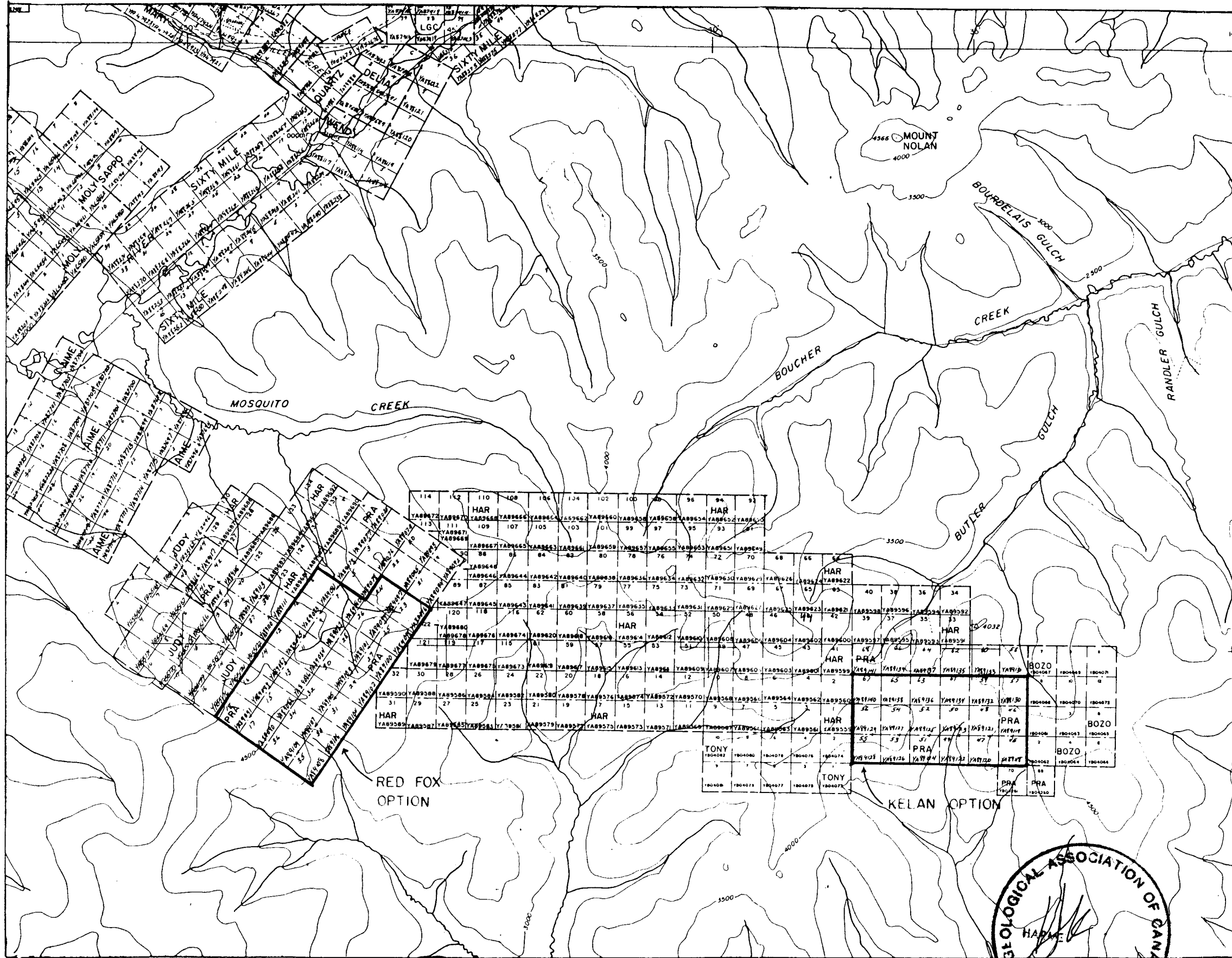
## PROPERTY

The property consists of 226 contiguous unsurveyed mineral claims (Figure 2) covering approximately 4700 hectares (11,700 acres). Claim data are as follows:

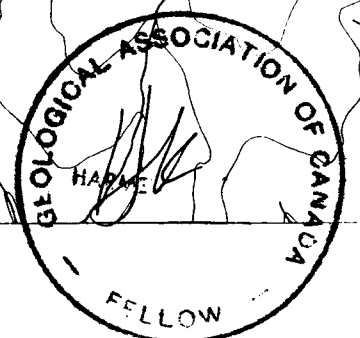
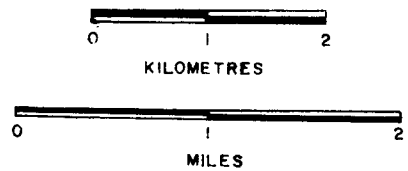
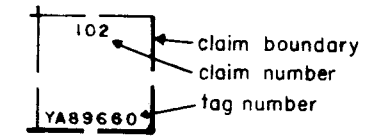
Claim Name	Grant No.'s	Expiry Date*
Pra 1-6	YA89074-079	April 28, 1990
Pra 7-18	YA89080-091	April 28, 1991
Pra 19-22	YA89092-095	April 28, 1990
Pra 23-36	YA89096-109	April 28, 1991
Pra 37-44	YA89110-117	April 28, 1990
Pra 45-57	YA89118-130	April 28, 1991
Pra 58	YA89131	April 28, 1990
Pra 59	YA89132	April 28, 1991
Pra 60	YA89133	April 28, 1990
Pra 61	YA89134	April 28, 1991
Pra 62	YA89135	April 28, 1990
Pra 63	YA89136	April 28, 1991
Pra 64	YA89137	April 28, 1990
Pra 65	YA89138	April 28, 1991
Pra 66	YA89139	April 28, 1990
Pra 67	YA89140	April 28, 1991
Pra 68	YA89141	April 28, 1990
Pra 69-70	YB04260-261	Oct. 5, 1988
Har 1-134	YA89559-692	July 17, 1990
Bozo 1-12	YB04061-072	Sept. 10, 1990
Tony 1-10	YB04073-082	Sept. 16, 1988

\* Pending approval of 1987 assessment work.

The claims are held by Croesus Resources Inc. by option agreement dated July 27, 1987 with Walhala Explorations Ltd. and subject to two subsequent joint venture agreements with Kelan Resources Inc. and Red Fox Minerals Ltd. They are shown on Yukon Quartz Sheet 115-N-15 and are known collectively as the Golden Crag property. For assessment purposes, this report will apply to the following 170 claims:



**LEGEND**



CROESUS RESOURCES INC.
GOLDEN CRAG PROPERTY
<b>CLAIM MAP</b>
<i>Aurum Geological Consultants Inc.</i> March, 1988
NTS 115N/15 Drawn by S.D. Scale 1:63,360 Figure 2

NOTE: Modified from DIAND claim map 115-N-15.

<b>Claim Name</b>	<b>Grant No.'s</b>	<b>Expiry Date</b>
Pra 1-6	YA89074-079	April 28, 1990
Pra 19-22	YA89092-095	April 28, 1990
Pra 37-44	YA89110-117	April 28, 1990
Pra 58	YA89131	April 28, 1990
Pra 60	YA89133	April 28, 1990
Pra 62	YA89135	April 28, 1990
Pra 64	YA89137	April 28, 1990
Pra 66	YA89139	April 28, 1990
Pra 68	YA89141	April 28, 1990
Har 1-134	YA89559-692	July 17, 1990
Bozo 1-12	YB04061-072	Sept. 10, 1990

Red Fox Minerals Ltd. controls the following 26 claims (the "Red Fox Option"):

<b>Claim Name</b>	<b>Grant No.'s</b>	<b>Expiry Date</b>
Pra 7-18	YA89080-091	April 28, 1991
Pra 25-36	YA89098-109	April 28, 1991

Kelan Resources Inc. controls the following 18 claims (the "Kelan Option"):

<b>Claim Name</b>	<b>Grant No.'s</b>	<b>Expiry Date</b>
Pra 45-57	YA89118-130	April 28, 1991
Pra 59	YA89132	April 28, 1991
Pra 61	YA89134	April 28, 1991
Pra 63	YA89136	April 28, 1991
Pra 65	YA89138	April 28, 1991
Pra 67	YA89140	April 28, 1991

## CLIMATE, TOPOGRAPHY, AND VEGETATION

The climate in the area of the Golden Crag property is variable with hot summers and long cold winters. Precipitation is light, averaging about 40 cm (15.7 inches) annually (Green 1972), with heavy snowfalls during the winter months. Eaton and Main (1986) report that climate in the Dawson Range area is suitable for seasonal heap leach mining. Given ideal conditions, a four million tonne deposit grading 0.050 opt gold should be economically feasible.

Situated in the northern part of the unglaciated Dawson Range, topography is moderate and characterized by well developed dendritic drainages separated by broad grass covered ridges. Elevations on the property range from 900 m (3000 ft) in Mosquito and Boucher Creek valleys to 1500 m (5000 feet).

Vegetation is characterized by sparse stunted spruce, balsam, birch, and poplar below about 1100 m, with alpine grasses, felsenmeer, and tundra higher up.

Sufficient water sources are available for any exploration or mining requirement.

## GEOLOGY

### Regional Geology

The Golden Crag property is situated within the Yukon Cataclastic Complex in the northern part of the Omineca Tectonic Belt. The regional geology has been mapped previously by Cockfield (1921) and Tempelman-Kluit (1974).

The oldest rocks exposed in the Sixtymile River area are the Pelly Gneiss, Klondike Schist, and Nasina Quartzite which are accreted rocks of upper Proterozoic to lower Paleozoic age (Tempelman-Kluit 1974). These metamorphic rocks have locally been intruded by Mesozoic granitoid rocks.

Cretaceous (Lowey et al 1986) or younger siliclastic sediments, andesitic volcanics, quartz-feldspar porphyries, and diorite plugs related (in part) to the Carmacks Group are exposed near Miller Creek about 8 km to the north and at Mt. Hart about 6 km to the east (Tempelman-Kluit 1974). Brecciated porphyry intrusive centers related to similar Cretaceous rocks in the Mt. Nansen area, about 270 km to the southeast, host low-grade large-tonnage gold deposits partly in leached caps overlying porphyry copper deposits (Eaton and Main 1986).

Regional structure is highly influenced by the Tintina Fault, a steeply-dipping northwest-trending dextral fault mapped 50 km northeast of the Golden Crag property. This fault is thought to be age-equivalent to the Carmacks Group and forms the boundary between the Selwyn Basin to the northeast and the Yukon Cataclastic Complex to the southwest.

Permafrost is present throughout. Overburden consists of residual soil and local alluvium, blanketing all bedrock except at some ridge crests, and road, creek and river cuts. Bedrock can be weathered to depths of 50 meters, typical of unglaciated terranes elsewhere in Yukon.

## Geology of the Golden Crag Property

Property geology (Figure 3) is much more complex than can be shown on the previously described regional mapping, even though mapping was not completed due to snow conditions and time constraints. Rock outcrops are scarce and deeply weathered, owing to the pre-Quaternary weathered surface that escaped Pleistocene glaciation. Bedrock exposures are generally restricted to ridge crests underlain by resistive-weathering lithologies, and some road cuts and trenches.

Metamorphic rocks (map unit Ps) comprised mainly of quartz-mica schist, quartz-biotite gneiss, marble, quartzite, and chert are the oldest and most commonly exposed lithology on the Golden Crag property. Feldspar augen are common in the gneiss. These rocks are thought to be part of the Precambrian to lower Paleozoic Klondike Schist (Tempelman-Kluit 1974). Foliation trends northwest-southeast and dips moderately northeast.

Equigranular to subporphyritic quartz monzonite and minor granodiorite intrude the metamorphic basement rocks in several locations on the Golden Crag property, and have been assigned by Tempelman-Kluit (1981) to the Jurassic Fiftymile Batholith. Hornblende and biotite are present in approximately equal amounts, and both typically exhibit variable chloritization. Contact metamorphic effects have been noted at the eastern part of the property, including hornfelsed schist. Garnet-diopside-epidote skarns were also located, one with massive magnetite mineralization.

No evidence was found during the 1987 exploration program for any lithologies younger than the Jurassic granitoid rocks on the Golden Crag property.

## MINERALIZATION

To date, a total of nine mineralized sulfide-bearing vein-type structures have been discovered and exposed in the Golden Crag property area. Based on presently plotted but unsurveyed claim boundaries, five are on ground controlled by Red Fox, one is on ground controlled by Kelan, two are on ground controlled by Croesus, and one is off the Golden Crag property (No. 3 Vein is probably on Judy 1 claim owned by X-Pat Development Ltd.). According to Marshall (1965) and Cholach (1969b), all the veins were found by trenching of air photo lineaments within soil geochemical anomalies (cold-extraction total heavy metal soil anomalies) in the 1960's. No veins have been found naturally exposed at surface. Two of the veins (No. 1 and 3) were tested by diamond drilling by Connaught Mines Ltd. in 1969. Trenching was carried out at the No. 2 Vein in 1987.

### No. 1 Vein

The No. 1 vein is hosted by well foliated quartz feldspar biotite muscovite augen gneiss at the western part of the Red Fox Option. Mineralogy is typified by anglesite with minor galena, hematite, and jarosite in a gangue of quartz, calcite, and clay characteristic of an oxidized massive galena vein. However, a 1969 drill hole intersected massive arsenopyrite at a depth of 30 meters below the surface (Cholach 1969b). The vein has been traced by trenching for a strike length of 220 m. It attains a maximum width of about 1.2 m, but averages less than 50 cm. The strike is about  $050^{\circ}$ , with a near-vertical dip. Sampling of selected galena and anglesite in 1987 assayed 0.040 opt gold, 94 opt silver, 64% lead, and 1.9% arsenic. Of a total of 330 m of diamond drilling in 7 holes completed in 1969, the best assays were 29.1 opt silver over a true width of 67 cm, and 0.28 opt gold over a core width of 27 cm (Cholach 1969a). Results of the 1987 soil geochemistry show strong silver, lead, arsenic, and antimony anomalies and weak gold anomalies over and downslope of known mineralization (Price 1987).

## No. 2 Vein

The No. 2 vein (Figure 4) is located near a common claim boundary between Red Fox and Croesus ground. Wallrock in this area consists of locally crackle brecciated quartz feldspar biotite muscovite augen gneiss. It strikes  $031^{\circ}$  and dips  $70^{\circ}$  to the west. Petrographic studies show the following mineral content of vein material: quartz, 50-70%; sericite 10-15%; biotite 3-10%; chlorite 7-10%; and sulfides 10-15%. The 10-15% sulfides consist of arsenopyrite 7%; pyrite 4%; covellite 2-3%; chalcopyrite 2%; and traces of tetrahedrite as very small inclusions in the arsenopyrite. The texture indicates a mesothermal environment of formation (Leitch 1987).

Trenching completed in 1987 and previously has exposed the vein for a length of 90 m, with an average total width of about 1.2 m. Although mapping and sampling were hampered by snow conditions, the best assay was 0.074 opt gold, 4.38 opt silver, 1.26% lead, and 3.9% arsenic from selected arsenopyrite-bearing material. Cholach (1969b) reports that massive galena and anglesite were uncovered over a width of 36 cm at the "eastern exposure of this vein" in 1968, but no evidence of this could be found during the 1987 program.

A second trenched area located 120 m to the southwest has exposed a mineralogically similar vein which has returned up to 0.051 opt gold, 0.21 opt silver, 0.18 % lead, and 10.9% arsenic from selected samples of sulfide bearing rock. Insufficient trenching has been completed to determine whether this is a separate vein or a southwestern extension of the main No. 2 vein.




Alteration is typified by intense phyllic and argillic alteration giving a bleached appearance with traces pyrite for about 2 m on either side of the vein(s). The 1987 soil geochemistry shows strong silver, lead, arsenic, and antimony anomalies and weak isolated gold anomalies over and downslope of the trenches (Price 1987).


Notes - Mapping and sampling completed on Sept. 27, 1987  
 under snow cover, therefore all data questionable  
 - locations established with chain and compass





PRA 37  
 PRA 38  
 Post 1  
 Pra 37+38


**LEGEND**

-  overburden
-  vein: quartz - clay - lithic - sulfide breccia
-  wallrock: schist and gneiss

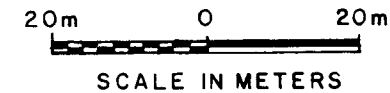
 rock chip sample location; not necessarily to scale  
 Au opt, Ag opt (Width in cm)

 soil sample location  
 Au ppb, Ag ppm

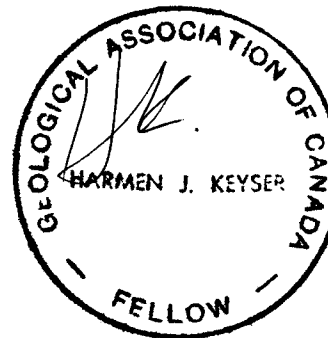
 outline of pre-1987 trench

 outline of 1987 trench

 trench dump



CROESUS RESOURCES INC.	
GOLDEN CRAG PROPERTY DAWSON M.D., YUKON	
NO. 2 VEIN	
Aurum Geological Consultants Inc.	APRIL, 1988
NTS 115 N/15	Drawn by HK,GS/TM SCALE 1:1000 FIGURE 4



74447/0.002, 0.06(100)  
 74448/0.006, 0.21(Grab)  
 74449/0.002, 0.12(Grab)

74445/0.017, 0.03(150)  
 74446/0.051, 0.19(Grab)

74437/0.002, 0.58(140)  
 74438/0.002, 0.04(60)

74434/0.002, 0.10(200)

74435/0.002, 0.51(200)

74432/0.002, 0.02(250)

74433/0.020, 4.15(180)  
 74444/0.074, 4.38(Grab)

74439/0.002, 0.02(100)  
 74440/0.002, 0.04(100)  
 74441/0.002, 0.05(100)  
 74442/0.002, 0.02(100)  
 74443/0.002, 0.02(100)

RF-2/17, 1.5

Croesus ground  
 Red Fox ground  
 (approximate)

RF-1/15, 0.7

### No. 3 Vein

The No. 3 vein is off the Golden Crag property but is mineralogically and structurally similar to other lead-silver sulfide veins on the western part of the property. It strikes at about  $063^{\circ}$ , dips  $70^{\circ}$  to the south, and is hosted by augen gneiss. Discovered in 1965, it was traced by trenching for a strike length of 100 m in 1966 and 1968. The average width is 107 cm (Cholach 1969b). Of the two drill holes completed in 1969, the best intersection was 3.8 opt silver, and 2.7% lead over a true width of 70 cm (Cholach 1969a). Hand sorted mineralization from the No. 1 and No. 3 veins were combined in 1966 to make a 19.6 ton smelter shipment which returned 67 opt silver, 0.06 opt gold, 67.3% lead, 0.5% arsenic, and 0.6% antimony (Cholach 1969a).

### No. 4 Vein

Located near the eastern boundary of Red Fox ground, the No. 4 vein is also hosted by quartz feldspar biotite muscovite gneiss. It strikes  $038^{\circ}$  and dips  $70-80^{\circ}$  to the south. Trenching in 1969 has exposed the vein for a strike length of 160 m. Unlike the other veins, the No. 4 vein has well developed zoning. From the center of the vein outwards the sequence is; galena, anglesite, and minor arsenopyrite - arsenopyrite and pyrite - arsenopyrite, scorodite and sericite - bleached clay altered pyritized fractured gneiss - unaltered gneiss.

Price (1987) has calculated an estimated 10,000 tons (9,100 tonnes) of mineralized material grading 0.024 opt gold, 41.26 opt silver, and 25.14% lead present to 7.6 m below surface based on an assay plan by Cholach (1969a). Samples of arsenic stained wallrock with 5% disseminated galena and arsenopyrite collected in 1987 assayed up to 0.023 opt gold, 11.6 opt silver, 4.4% lead, and 4.7% arsenic. In addition, Cholach (1969a) reports other veins in the footwall carrying up to 0.08 opt gold and 36.9 opt silver. The 1987 soil geochemistry shows strong silver, lead, arsenic, and antimony anomalies over and downslope of the trenches, with a weak gold anomaly (Price 1987).

### **No. 5 and No. 6 Veins**

The No. 5 and 6 veins have been reported by Cholach (1969a) as immediately downslope and northwest of the No. 4 vein. Old trenches were found here during the 1987 grid work, but only traces of sulfides could be found in small pieces of float. No rock samples were taken, and there were no significant soil geochemical anomalies in this area, though it is at the edge of the sampling grid.

### **No. 7 Vein**

Extensive trenching was carried out at the No. 7 vein area in the 1960's, but was not trenched in 1987. Two parallel veins about 10 m apart strike  $064^{\circ}$  and have a near-vertical dip in silicified gneiss. The veins are poorly exposed in the old trenches but appear to have a strike length exceeding 50 m. Mineralogy is characterized by galena, anglesite, and arsenopyrite in a scorodite stained quartz, clay, and silicified lithic breccia gangue. Weakly developed banding is present.

Chip samples of the southern vein returned up to 0.013 opt gold, 19.52 opt silver, 21.5% lead, and 1.04% arsenic over 1.7 m. Selected galena-anglesite material assayed 0.029 opt gold, 58.45 opt silver, 60.8% lead, and 1.16% arsenic. Only traces of anglesite in a quartz matrix were found in the northern vein which was not sampled. The 1987 soil geochemistry grid did not cover this area.

### **No. 8 Vein**

The No. 8 vein is located in the west-central part of the Kelan property. Old prospecting pits and high-grade piles in the area suggest this vein may have been discovered prior to the 1960's but there is no record of this. It has been exposed by trenching for a length of about 300 m. The vein strikes  $095^{\circ}$  and dips to the south at about  $80^{\circ}$ . The mineralogy consists of essentially massive galena with minor arsenopyrite and stibnite in a clay altered and silicified gneiss host. Scorodite staining is rare, unlike veins at the western part of the Golden Crag property.

Sampling by Connaught Mines Ltd. in 1969 returned values as high as 0.005 opt gold, 64.7 opt silver, and 62% lead over 61 cm (Cholach 1969a). Samples of selected galena in 1987 assayed as high as 0.088 opt gold, 151.1 opt silver, 79% lead, and 5.4% arsenic. Although the trenches were largely caved in 1987, the vein did not appear to exceed about 60 cm in width. Strongly anomalous silver, lead, arsenic, and antimony values and weak gold values are found in the 1987 soil geochemical results (Price 1988).

### **No. 9 Vein**

The No. 9 vein (note that the No. 9 vein is called the No. 6 vein by Price 1988) is located immediately east of the Kelan Option, on ground controlled by Croesus. It is probably the most unique vein on the property in that the mineralogy is typified by galena, stibnite, and tetrahedrite in a gangue of calcite, barite, and minor quartz and clay, and is hosted by quartz monzonite. This vein strikes about  $080^{\circ}$  and has a near-vertical dip. It has been traced by trenching for about 350 meters, though the best zone is exposed for a length of 35 m in a single trench immediately adjoining the Kelan Option.

Chip sampling in 1969 (Cholach 1969a) returned assays up to 0.12 opt gold, 166.2 opt silver, and 52.5% lead over 1.2 m. Soil geochemistry completed in 1987 shows strongly anomalous results for silver, lead, arsenic, and antimony and weak erratic gold. The soil anomalies continue to the east and west further than the known vein.

### **Other Mineralization**

A zone of massive magnetite has been located approximately on strike between the No. 8 and 9 veins in the central part of the Kelan Option. It has been explored previously (1920's?) by a series of small trenches, test pits, and shallow shafts which are now caved. There are no records of prior precious metal discoveries in the immediate area. The only outcrop is one of massive magnetite with minor chalcopyrite and epidote described previously by Craig and Laporte (1972) and Tempelman-Kluit (1974) as being

at the contact between marble and hornblende monzonite. Diopside and garnet (almandine ?) have been identified in float in the area, and therefore the magnetite and associated minerals are thought to appear as a skarn.

Although the magnetite skarn has been identified as a potential host of gold mineralization, sampling carried out as early as July 1987 did not return any gold values. Of three magnetite samples submitted for gold analysis, the highest value returned was 15 ppb by FA/AA and 33 ppb by NAA (sample no. 74499). The same sample contained 8.0 ppm antimony, 142 ppm arsenic, 30.0% iron, 370 ppm zinc, 40 ppm copper, 18 ppm lead, and 0.3 ppm silver. It was also analyzed for some rare earth elements and platinum group elements, but none were detected. Five other skarn-type rocks from the same area submitted for analyses did not return any anomalous gold values. However, a soil sample taken in July (before the grid work) 90 m west of the magnetite outcrop (GC-1) returned 570 ppb gold, 23.5 ppm silver, 1910 ppm lead, and 5600 ppm arsenic. A duplicate of this sample (GC-1A) returned 240 ppb gold. In addition, a gold anomaly ranging up to 9090 ppb (L112E, 125S) was identified as part of the 1987 gridded soil geochemistry between the magnetite outcrop and the July soil sample. This same location is highly responsive to magnetic surveying. These data indicate bedrock gold mineralization associated with the magnetite and/or other skarn-type minerals close to an inferred contact zone between the metasediments and quartz monzonite. Even though the area was covered by the 1969 soil geochemistry which outlined a large low-order copper-lead anomaly, the economic potential was overlooked because of the lack of gold analyses.

Based on the general nature of gold-bearing skarns, and the somewhat variable but reproducible soil geochemical results, gold content of the indicated skarn may be erratic. Even though the soil samples were analyzed by highly reliable Neutron Activation methods, the 25 x 100 m grid spacing in this area may have been too large to define all anomalous gold zones within the skarn.

A second skarn-type zone was located at a ridge top on claim Pra 3 (?). No grid work or sampling was carried out here, but old trenches are

present. Due to the limited geological mapping and prospecting, potential exists for the location of even more skarns on the property.

South of the magnetite skarn, a zone of brecciated metasediments with a quartz, fluorite, calcite, pyrite, and tourmaline matrix was found on the Pra 70 claim. Apatite, actinolite, topaz, and beryl may also be present. The zone forms a resistive weathering ridge trending 050°. Gold, silver, lead, and arsenic were not detectable by assay methods in a composite sample. The 1987 soil grid did not cover this area.

A single trench was cut into overburden late in the 1987 program to test for the source of scorodite-stained float found by prospecting at L50E 1+00N (relative to surveyed baseline). A sample of quartz breccia with traces of galena and arsenopyrite found in the trench assayed 0.025 opt gold, 8.13 opt silver, 0.30% lead, and 1.4% arsenic. Soil samples from a small grid established after trenching returned up to 120 ppb gold, 6.7 ppm silver, 1550 ppm lead, and 3890 ppm arsenic.

Trenching completed in an area of topographic lineaments with bull quartz float at the northern property boundary north of "Quartz Junction" exposed northeast trending fault zones in schist. Samples of quartz lenses exposed in the trenches did not return any anomalous precious metal values, but a pyrophyllitized shear zone with minor quartz and pyrite returned 1.31 opt silver and 1.09% lead.

At grid location L114+50E 0+00N on the Kelan Option a piece of vein-type float with visible galena returned 0.002 opt gold, 18.59 opt silver, 18.81% lead, and 0.30% arsenic. This location corresponds with the western portions of coincident lead, silver, arsenic, and antimony soil anomalies which extend as far as L124E, a total distance of almost 1000 m. Therefore, the float may represent bedrock silver mineralization also suggested by the soil geochemistry.

## GEOCHEMISTRY

A total of 61 rock samples, 2,545 soil samples, and 7 stream sediment samples were taken on the Golden Crag property during the 1987 exploration program. All of the samples were analyzed for total gold, silver, lead, arsenic, and antimony. Selected rock samples were also analyzed for copper, zinc, cadmium, mercury, and/or other elements. Analytical work was performed by Bondar-Clegg & Company Ltd. of North Vancouver, B.C. and CDN Resource Laboratories Ltd. of Delta, B.C. Gridded soil samples were analyzed by Bondar-Clegg using Neutron Activation Analysis for gold, arsenic, and antimony; while silver and lead were analyzed by conventional hot acid extraction and Atomic Absorption. All but one of the rock samples were fire assayed for gold and silver.

A surveyed baseline was established with a theodolite and EDM across the entire property in an east-west direction for a distance of eleven km starting at a Canada Topographic Survey monument (no. 45-65-A). Selected topographic points and current and expired claim posts were included in the survey to provide relative locations to Connaught Mines Ltd.'s 1968 and 1969 exploration work, to establish current claim locations, and to provide control for the current fieldwork. Although this survey was not completed, enough work was done to establish points which mark the surveyed baseline at topographic highs, and to establish a second discontinuous baseline 1578.507 m south of the surveyed baseline for gridwork on the Kelan and Red Fox options. The east-west coordinates are consistent between both baselines, with L14E 0+00N initiated at Post 1, Pra 17 & 18 (YA 89090 and YA 89091).

Rock samples were taken of veined, altered, and/or mineralized material. Soil samples were taken mainly from the 'B' horizon with a mattock from three grids (usually 25 x 200 m); on the Red Fox Option (West Grid), Kelan Option and the eastern part of the Croesus claims (East Grid), and just east of the Croesus/Red Fox claim boundary (survey grid). Price (1987 and 1988) has fully described the geochemical results on the Red Fox and Kelan Options. Stream sediment samples were taken conventionally from the active component of stream bed loads at the western and southern parts of the property. All locations and results for gold and silver samples not on

the Red Fox or Kelan Options are shown on Figure 5. Contours and the remaining elements were not plotted due to budget restrictions.

### **Rock Samples**

Gold, silver, lead, and arsenic appear to be the main elements of interest, ranging up to 0.088 opt, 151.1 opt, 72.44%, and 10.94% respectively. All of the high rock samples have come from sulfide bearing veins or from vein-type sulfide bearing float. There is a strong correlation between silver and lead content, and a moderate correlation between arsenic and gold content.

### **Soil Samples**

Gold in soils ranges from less than 5 to 9,090 ppb, silver from less than 0.1 to greater than 50 ppm, lead from 5 to greater than 10,000 ppm, arsenic from 2 to 6160 ppm, and antimony from 0.1 to 812 ppm.

All the known gold-silver-lead veins within the sampled areas are identifiable by the 25 x 200 m gridded soil geochemistry. Lead and arsenic give the most distinct anomalies over known veins. Silver and antimony also appear to be useful, but are more erratic than the lead and arsenic. Gold anomalies are inconsistent, and do not clearly distinguish known veins carrying up to 0.10 opt gold, such as the No. 8 Vein. Anomalies responding to known veins exhibit downslope dispersion.

Potentially the most significant anomaly identified by the 1987 geochemical work is a gold anomaly in the central part of Kelan's claims at L112E. All gold values between 1+50S and 0+50N, a distance of 200 m with 9 samples, exceed 50 ppb with a high of 9,090 ppb. The same area ranges up to 11 ppm silver, 495 ppm lead, 1330 ppm arsenic, and 44.8 ppm antimony. Values at L113E, 100 m east of L112E, range up to 160 ppb gold but L111E does not have any anomalous values. This highly anomalous area is suggestive of bedrock gold mineralization with elevated silver, lead, arsenic, and antimony.

Elsewhere on the Kelan Option, the No. 8 and 9 veins both give rise to large soil anomalies (Price 1988). The anomalies are much larger than the known veins, suggesting continuations along strike and possibly new structures.

Most of the anomalies on the Red Fox Option occur at or near known mineralization (Price 1987). Anomalies have also been identified in areas where veins have not yet been discovered. Additional non-gridded soil samples were taken in trenches cut into overburden in areas of topographic lineaments and/or areas where scorodite stained breccias had been located by prospecting. One of these samples (RF-10 near L32E 1+70N at the eastern Red Fox property boundary) returned 31 ppm silver in an area where the gridded samples failed to detect any anomalies.

On ground controlled by Croesus outside of the Red Fox and Kelan Options, gold anomalies are present at L49E from 0+50S to 5+00N (survey grid; up to 120 ppb), the extreme north end of L112E (up to 88 ppb), and at L130E to L140E over and along strike of the known No. 9 vein (up to 38 ppb). Silver anomalies are present at the entire area of L49E and L50E (survey grid; up to 6.7 ppm), at L130E to L142E at the eastern property boundary at about 078<sup>o</sup> and slightly downslope of the known no. 9 vein (up to 17 ppm), and at the north end of L140E (up to 5.0 ppm). With the exception of the silver and gold anomalies over the No. 9 vein at L130E to L132E, they are all suggestive of new bedrock gold and/or silver mineralization.

### **Stream Sediment Samples**

Only one of the seven stream sediment samples collected is considered to have anomalous results. Sample GS-87-03 indicates anomalous gold (12 ppb) and silver (4.1 ppm) draining the area of the No.'s 4, 5, and 6 veins. Drainage patterns are not amenable to producing sediment anomalies from the other veins.

## GEOPHYSICS

A total of 8,800 line meters on 10 different lines of magnetic surveying were completed in 1987 on the Kelan Option using the same grid as the soil geochemistry. A McPhar fluxgate magnetometer which measures the vertical component of the earth's total magnetic field was used. Corrections for diurnal variation were not made because the total magnetic relief in the surveyed area was several orders of magnitude greater than the measurable diurnal variation.

Results of the survey are given in Appendix C. Profiles were plotted from raw data using a vertical scale ranging from +2500 to +700 gammas. The horizontal scale varies according to the length of the line surveyed. Results range from -77,000 gammas to +20,000 gammas over a distance of only 25 meters on Line 112E at 125S, yielding a magnetic relief of 97,000 gammas. This anomaly corresponds with a 9,090 ppb geochemical gold anomaly in soil and a mapped magnetite outcrop. The shape of the anomaly indicates a southward dipping structure.

A similar but weaker anomaly was identified at L116E 175S. No anomalous geochemical results were identified here. The magnetic profiles show an overall trend for highs at the north part of the surveyed area and decreasing to the south.

## CONCLUSIONS AND RECOMMENDATIONS

The Golden Crag property is underlain by schists, gneisses, quartzites, marbles, and other metasedimentary rocks related to the Paleozoic to Proterozoic Klondike Schist. These rocks have been intruded by granitoid rocks during the Mesozoic. Mineralization has been found hosted by both rock types. Younger volcanics and sediments are known in the area, but have not yet been mapped on the property.

The property is a gold-silver prospect. Potential exists for hosting (1) vein-type deposits, (2) skarn and other contact-controlled deposits, and (3) large tonnage disseminated gold deposits in, or associated with, volcanic porphyries. Extensive overburden, a lack of outcrop, and a short work season make exploration difficult on this large property.

The most significant results generated during the 1987 exploration program are those establishing strong evidence for skarn-type gold mineralization in the central part of the Kelan Option. Positive data include (1) a vertical field magnetic anomaly with a total relief of 97,000 gammas, (2) a reproducible soil gold anomaly ranging up to 9,090 ppb, and (3) mapped skarn-type lithologies including magnetite in the immediate area. The magnetic data indicate a southward-dipping structure. There is very little exposure and no rock samples returning anomalous gold values have been taken.

In addition to the potential skarn-type mineralization, a total of 8 fault controlled, east to northeast trending, steeply dipping, gold-silver-lead veins assaying up to 0.09 opt gold and 151 opt silver have been located and exposed to date on the Golden Crag property. The most significant of these veins appear to be the No.'s 4, 8, and 9, none of which have previously been drill tested. None of the veins exceed 1.7 m in width, and most average less than 1.0 m. They have been found hosted by both the metasediments and granitoid rocks, and therefore may be related to younger buried intrusions or extrusive rocks.

Given the size and grade of the veins as presently known, the economic potential of any individual vein is questionable. However, they have not been tested at depth by drilling (except No. 1 Vein), or adequately trenched along strike. The possibility of surface direct smelter shipping of high grade material should also be addressed.

Evidence for at least three new veins has been provided by the 1987 data at (1) L114+50E 0+00N and to the east, (2) L50E 1+00N (survey grid), and at (3) L32E 1+70N. Additional follow-up targets include other skarns and a quartz-tourmaline-lithic breccia. No direct evidence has been identified to date to suggest the presence of any large volcanic-associated deposits.

All the veins covered by the 1987 geochemical survey produce soil anomalies detectable at the 25 x 200 m grid spacing. Lead and arsenic provide the best resolution. However, the skarn-type gold mineralization inferred by the gold geochemistry is probably too variable to be reliably determined by similarly spaced samples. This may be the same reason that no anomalous gold values were found in rock samples.

The results of the 1987 exploration program warrant additional work on the Golden Crag property. The following is recommended:

1. Orthophoto mapping of the property and immediate area with combined survey support to establish claim boundaries should be completed early in any future exploration program. Survey control must be maintained as the property progresses to a more advanced stage of exploration.
2. Due to the extensive overburden cover, soil geochemistry appears to be the most effective exploration tool. Soil sampling should be continued to cover the entire property at a grid spacing not to exceed 25 x 200 m. Areas with potential skarns should be sampled at 25 x 25 m, or more detailed, including fill-in 25 x 25 m sampling centered at L112E 1+25S.
3. Magnetic surveying with a proton precession magnetometer capable of readings in very high magnetic gradients should be carried out over known and suspected metasediment/quartz monzonite contacts. The area covered by the 1987 flux gate magnetometer should be resurveyed. VLF or deeper penetrating EM surveying should be attempted, at least on a reconnaissance scale over known showings.

4. Bulldozer trenching should be carried out to further expose and explore the 8 known gold-silver-lead veins, the indicated skarn-type mineralization, and at the indicated new vein-type occurrences. Geological mapping, sampling, and surveying would accompany the trenching with special attention paid to alteration, and structural and lithological control. Road access needs to be improved.
5. Geological mapping and prospecting needs to be carried out over the entire property.
6. Diamond drilling is required at the No. 4, 8, and 9 veins. Contingent on results of the above surface work, drilling may be required at the magnetite skarn and at other areas as well.

Respectfully submitted,



Harmen J. Keyser, B.Sc., FGAC

April 28, 1988



## REFERENCES

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## STATEMENT OF QUALIFICATIONS

I, HARMEN J. KEYSER, hereby certify that;

1. I am a geologist with AURUM GEOLOGICAL CONSULTANTS INC., 604-675 West Hastings Street, Vancouver, British Columbia.
2. I am a graduate of Saint Mary's University, Halifax, with a degree in geology (B.Sc., 1981) and have been involved in geology and mineral exploration continuously since 1981.
3. I am a fellow of the Geological Association of Canada (F3759).
4. I have no direct or indirect interest in the properties or securities of Croesus Resources Inc.
5. I am the author of this report on the Golden Crag Property, which is based on my personal involvement and supervision of exploration work carried out during the period July to October, 1987.
6. I consent to the use of this report by Croesus Resources Inc. for any purpose deemed necessary, provided that no portion may be used out of context in such a manner as to convey a meaning differing materially from that set out in the whole.

April 28, 1988



Harmen J. Keyser, B.Sc., FGAC



## STATEMENT OF COSTS

1987 Prorata Assessment Work Valuation to apply to the following claims:

Pra 1-6 (YA89074-079)  
 Pra 19-22 (YA89092-095)  
 Pra 37-44 (YA89110-117)  
 Pra 58 (YA89131)  
 Pra 60 (YA89133)  
 Pra 62 (YA89135)  
 Pra 64 (YA89137)  
 Pra 66 (YA89139)  
 Pra 68 (YA89141)  
 Har 1-134 (YA89559-692)  
 Bozo 1-12 (YB04061-072)

## 1. Geological and Geochemical

A. Fieldwork

H. Keyser, B.Sc. of Vancouver, B.C. 19.43 days @ 250/day:	\$ 4,857.45
R. Hulstein, B.Sc. of Whitehorse, Yukon 0.86 days @ 250/day:	214.30
S. Dudka, B.Sc. of Vancouver, B.C. 21.29 days @ 150/day:	3,193.05
G. Smith, B.Sc. of Vancouver, B.C. 21.57 days @ 150/day:	3,235.92
B. Sauer, Sampler of North Vancouver, B.C. 19.72 days @ 170/day:	3,351.65
M. Van Dusen, Cook of Whitehorse, Yukon 8.57 days @ 140/day:	<u>1,200.08</u>
<b>Subtotal:</b>	<b>\$ 16,052.45</b>

B. Camp and Support Costs

Gas and Fuel:	2,609.23
Camp Supplies:	2,857.62
Maps and Reprographics:	223.70
Meals and Accommodations:	823.26
Office Supplies:	110.58
Freight and Postage:	1,627.66
Field Supplies:	1,243.41
Groceries:	1,564.54
Helicopter Charter:	837.06
Camp Construction:	13,578.05
Surveying:	4,481.68
Mobilization and Demobilization:	2,413.31
Truck Rental:	2,883.74
ATC Rental:	<u>3,850.00</u>
<b>Subtotal:</b>	<b>\$ 39,103.84</b>

C. Analytical Costs

736 soil samples @ 13.15:	9,678.40
5 silt samples @ 13.15:	65.75
12 rocks @ 59.50:	714.00
1 rock @ 43.00 (74499):	43.00
1 rock @ 33.00 (74462):	33.00
	<hr/>

Subtotal: \$ 10,534.15

D. Report Preparation

Compilation and Drafting:	2,650.00
Reprographics:	227.42
Typing:	200.00
	<hr/>

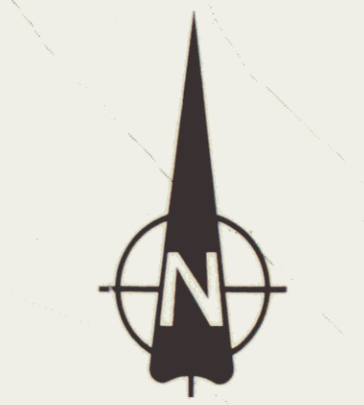
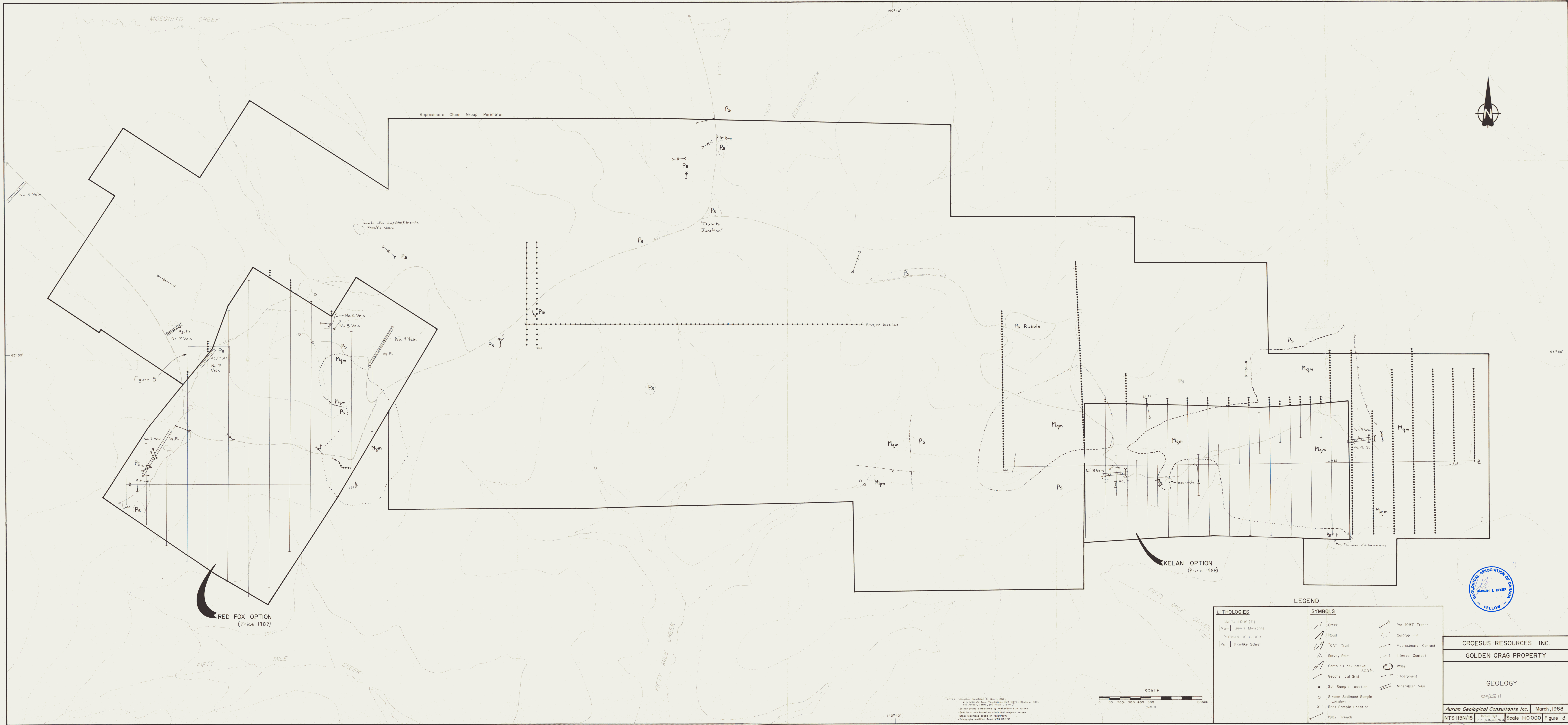
Subtotal: \$ 3,077.42

**2. Trenching and Road Building**

Brisebois Bros. Construction;	
Cat D9G, 966 and 988:	3,745.30
Hawk Mining Co.	
Cat D8K:	11,508.57
	<hr/>

Subtotal: \$ 15,253.87

**Total 1987 Assessment Valuation  
of Croesus Share on Golden Crag Property: \$ 84,021.73**

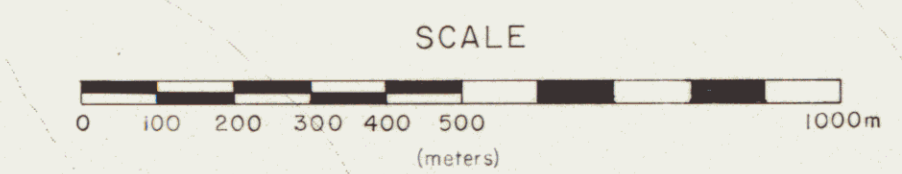


CROESUS RESOURCES INC.  
 GOLDEN CRAG PROPERTY

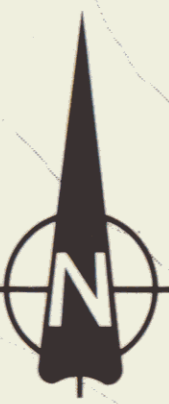
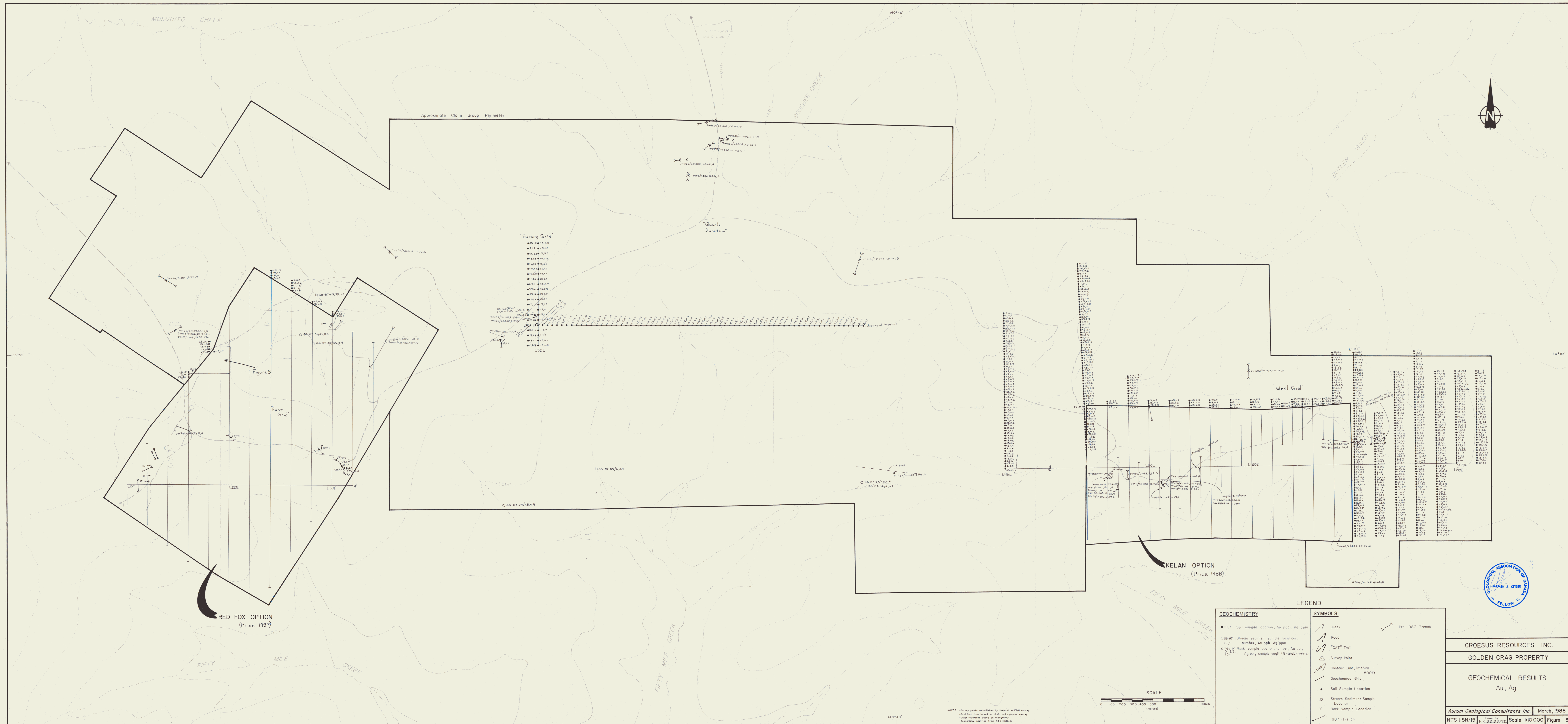
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Aurum Geological Consultants Inc. March, 1988  
 NTS 115N/15 Scale 1:10,000 Figure 3

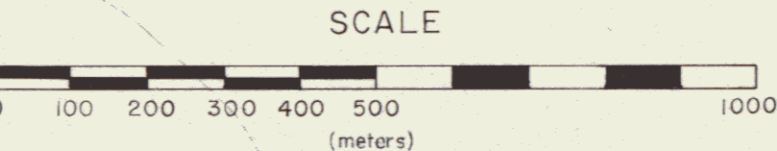
LITHOLOGIES		SYMBOLS	
(T) CRETACEOUS (?)	— Quartz Monzonite	— Creek	○ Pre-1987 Trench
PERMIAN OR OLDER	— Granite Schist	— Road	○ Outcrop limit
		— "CAT" Trail	— Approximate Contact
		— Survey Point	— Inferred Contact
		— Contour Line, Interval 500ft.	○ Water
		— Geochemical Grid	— Escarpment
		● Soil Sample Location	— Mineralized Vein
		○ Stream Sediment Sample Location	
		× Rock Sample Location	
		— 1987 Trench	



NOTES: (maping completed in Dec., 1987)  
 - All locations shown are based on 1975, 1976, 1977, 1978, 1979, 1980, and 1981 aerial photos, and 1981 (1:75,000) and 1981 (1:25,000) maps.  
 - Some points corrected by magnetic declination survey.  
 - Grid locations based on stadia and compass survey.  
 - Other locations based on topography.  
 - Topography modified from NTS 115N/15.



GEOCHEMISTRY		SYMBOLS	
● 10.7	Soil sample location, Au, Ag, ppm	—	Creek
○ 05-87-01/4545	Stream sediment sample location, Au, Ag, ppm	—	Road
× 14-14	Rock sample location, Au, Ag, ppm	—	"CAT" Trail
△	Ag opt, sample length (G-problem area)	—	Survey Point
		—	Contour Line, Interval 500ft
		—	Geochemical Grid
		●	Soil Sample Location
		○	Stream Sediment Sample Location
		×	Rock Sample Location
		—	1987 Trench
		—	Pre-1987 Trench



NOTES: - Survey points established by the 1987-88 EDM survey  
 - All locations based on 1987 and 1988 surveys  
 - Other locations based on topographic  
 - Topographic modified from NTS 115N/15

CROESUS RESOURCES INC.  
 GOLDEN CRAG PROPERTY  
 GEOCHEMICAL RESULTS  
 Au, Ag  
 Aurum Geological Consultants Inc. March, 1988  
 NTS 115N/15 Scale 1:10,000 Figure 5

**APPENDIX A**

Rock Sample Descriptions

Date: April, 1988. Project: Golden Crag NTS:115N /15 Area: Sixty Mile River, Yukon

Samplers: HK, BP, GS, SO Lab: CDN and Bondar-Clegg

Sample

Number	Location	Description	Attitude	Width m	Au opt	Ag opt	Pb ppm	As ppm
74401	vein #8	Selected samples of galena rubble from trench		grab	0.006	75.84	37000	8800
74402	vein #8	Same as 74401		grab	0.062	66.22	39500	54000
74403	vein #8	Same as 74401		grab	0.041	151.1	34000	1230
74404	vein #8	Same as 74401; 50m N of post 1, Tag. 76542		grab	0.047	105.6	33000	280
74405	vein #8	Same as 74404		grab	0.029	72.93	33000	4800
74406	Kelan	Skarn zone, iron and manganese stained quartz, sulphide breccia. Sulphides are pyrite or galena in well developed cubes to 1cm wide of limonite and clay. Abundant magnetite and diopside rubble in area.		grab	0.001	0.44	3600	44
74407	Kelan	Same location as 74406. Rusty vuggy quartz float with well developed crystal terminations.		grab	0.001	0.31	1600	860
74408		Quartz- pyrite breccia from same trench as 74406 and 74407.		grab	0.001	0.03	164	20
74409		Rusty vuggy quartz from dump area of old exploration pits. 30m S of 74406- 74408.		grab	0.003	0.131	6500	96
74410	Kelan	Massive magnetite from old pits.		grab	0.003	0.01	43	64
74411	Kelan	Calcite- quartz rubble from road cut close to 74406.		grab	0.001	0.01	102	28
74412	North central Croesus	Yellowish, clay- altered, quartz veined material from HAR 72. Cat trench here.		grab	0.001	0.01	64	16
74413	vein #4	Scorodite stained wallrock with sericite.		grab	0.023	11.6	44000	47500
74414	vein #4	Scorodite stained wallrock with sericite.		grab	0.002	0.87	2800	2500

Date: April, 1988. Project: Golden Crag NTS:115N /15 Area: Sixty Mile River, Yukon

Samplers: HK, BP, GS, SO Lab: CDN and Bondar-Clegg

Sample Number	Location	Description	Attitude	Width m	Au opt	Ag opt	Pb ppm	As ppm
74415	vein #8	2-3 inches of massive coarse galena. Vein trends roughly 086 degrees. Wallrock of dark grey biotite gneiss. Hornfelsed with bleached light green patches - sericite. Duplicate of #74401.	086/90	grab	0.002	79.02	703000	2600
74416	Kelan	Magnetite outcrop; possible shallow adit. Random chips of magnetite with serpentine and clay.		grab	0.002	0.61	5900	100
74417	Vein 8	Several pieces of solid galena. Duplicate location of sample 74403.		grab				
74418	East end Kelan Vein 9	Grab sample of oxidized stibnite and pyrite mineralization. Strong yellow antimony oxide stain.		grab	0.08	32.42	181000	30800
74419	as above	Several pieces of coarse galena.		grab	0.088	31.14	390200	38600
74420	as 74415	Selected pieces of coarse galena.		grab	0.006	73.09	724400	300
74421	vein #2	Selected sample of sulphides, including unidentifiable soft black sulphide, possibly weathered arsenopyrite(?)		grab	0.005	0.82	14900	20400
74422	As above	Same as above.		grab	0.049	3.31	10600	29700
74425	Croesus	Rusty weathering intensely silicified granodiorite(?) with 2% fine grained pyrite and 1% unidentified black sulphide in clouded gray quartz areas. Location +/- 500m @ Az 240 from CTS monument. In trench trending N-S, 50m SE of creek.	float	grab	0.002	0.02	100	1000
74426	NW of vein #7	Intensely silicified and brecciated greenish and rusty stained rock. Wallrock is granitic gneiss.	float	grab	0.007	1.84	7700	18900
74427	Vein 7	Selected sample of quartz- galena breccia		grab	0.029	58.45	608300	11600

Date: April, 1988. Project: Golden Crag NTS:115N /15 Area: Sixty Mile River, Yukon

Samplers: HK, BP, GS, SD Lab: CDN and Bondar-Clegg

Sample Number	Location	Description	Attitude	Width m	Au opt	Ag opt	Pb ppm	As ppm
		rubble from trench. Galena has sheared texture. Wallrock is silicified greenish stained gneiss.						
74428	8m from 74427	Chip sample across silicified shear with two galena bearing zones.	064/90	1.2	0.006	14.17	156000	12100
74429	10m E of 74428	As 74428.	064/90	1.7	0.013	19.52	214800	10400
74430	BOZO trenches Vein 9	From trench; no galena found. Quartz vein and altered granodiorite wallrock from trench rubble. Granodiorite has magnetite-filled fractures.	float	grab	0.025	1.68	20400	3000
74431	BOZO trenches	As above.	float	grab	0.002	0.02	1100	100
74432	vein #2	Chip sample across clay-altered and locally silicified/ bleached shear zone in schist. Locally rusty parallel bands.	035/80 W	2.5	0.002	0.02	1400	600
74433	vein #2	Chip sample not completely across vein.	035/80 W	1.8	0.02	4.15	8300	19300
74434	vein #2	As above.	035/80 W	2	0.002	0.1	1600	1600
74435	vein #2	As above.	035/80 W	2	0.002	0.51	1900	3500
74436	Croesus	Quartz rubble from trench on ridge NE of vein #2 and N of vein #4. Rusty staining.	float	grab	0.002	0.03	300	800
74437	vein #2	Chip sample across vein.	035/80 W	1.4	0.002	0.58	2300	5100
74438	vein #2	Chip sample of wallrock	035/80 W	0.6	0.002	0.04	700	300
74439	vein #2	Rusty wallrock.	035/80 W	1	0.002	0.02	200	100
74440	vein #2	As above.	035/80 W	1	0.002	0.04	300	100

Date: April, 1988. Project: Golden Drag NTS:115N /15 Area: Sixty Mile River, Yukon

Samplers: HK, BP, GS, SD Lab: CDN and Bondar-Clegg

Sample Number	Location	Description	Attitude	Width m	Au opt	Ag opt	Pb ppm	As ppm
74441	vein #2	As above.	035/80 W	1	0.002	0.05	300	200
74442	vein #2	As above.	035/80 W	1	0.002	0.02	500	200
74443	vein #2	Silicified lithic material with greenish clays along fractures.	035/80 W	1	0.002	0.02	300	200
74444	vein #2	Selected grab sample of vuggy, coarsely crystalline quartz vein material with 2-3% unidentified fine grained black metallic mineral. Greenish and limonitic staining on fractures. Weakly developed banding.		float	0.074	4.38	12600	38900
74445	vein #2	Chip sample across very poorly exposed vein in bottom of trench. Abundant greenish clays, some silicified wallrock, 20cm of 10% soft black fine grained sulphide in greenish clay; arsenopyrite ?	055/90	1.5	0.017	0.03	500	35000
74446	vein #2	Selected grab sample of black sulphide in above sample. About 10% total sulphide. Arsenopyrite (?)	055/90	grab	0.051	0.19	900	109400
74447	vein #2	Chip sample in trench. Possibly contains arsenopyrite with scorodite and sericite.	055/90	1	0.002	0.06	600	15700
74448	vein #2	As above.	055/90	1	0.006	0.21	1000	24600
74449	vein #2	Chip sample in trench. Mostly silicified schist.	055/90	1	0.002	0.12	1800	4500
74450	vein #1; east end.	Selected grab sample of galena and anglesite.	055/90	0.4	0.04	94.11	643100	18600
74451	Croesus	Greenish brecciated siliceous rock from float on side of road. Minor goethite; trace pyrite. Appears very similar to wallrock at known veins.		float	0.002	0.12	400	31800

Date: April, 1988. Project: Golden Crag NTS:115N /15 Area: Sixty Mile River, Yukon

Samplers: HK, BP, GS, SD Lab: CDN and Bondar-Clegg

Sample Number	Location	Description	Attitude	Width m	Au opt	Ag opt	Pb ppm	As ppm
74452	As above	Silicified quartz breccia rubble from trench. Contains 5% weakly banded soft fine grained black sulphide. Yellowish and greenish clays on fractures.		float	0.025	8.13	3000	14000
74453	As above	Rusty vuggy quartz from trench.		float	0.002	0.03	100	400
74454	South central Croesus	Beside cat-trail. Intensely altered and silicified granodiorite with minor sulphides, magnetite, and epidote(?).		float	0.002	0.06	200	600
74455	Croesus	From edge of property along main access road from camp. Grab sample from trench; silicified muscovite schist with disseminated sulphides.		float	0.002	0.06	100	100
74456	Croesus	Milky white quartz boulder from trench in same area as 74455. Moderate amount of Fe and Mn staining, most common along fractures.		grab	0.002	0.02	100	100
74457	As above	Fault breccia float in trench; angular quartz and schist clasts up to 2cm across in limonitic clay matrix.		grab	0.002	0.02	200	500
74458	As above	Greenish pyrophyllitized fault zone with minor quartz and pyrite stringers parallel to foliation.		grab	0.002	1.31	10900	100
74459	As above	White quartz boulders from 2 trenches; minor Mn and Fe staining, coated with green pyrophyllite; minor sulphides.		grab	0.002	0.02	200	100
74460	As above	White bull quartz appears to trend at 020-200, with locally intense Fe and Mn staining	020/ ?	grab	0.002	0.02	100	100
74461	Croesus	Highly silicified gneiss with disseminated magnetite and pyrite, and magnetite veins clearly of secondary origin. From boulders		float	0.002	0.02	100	100

Date: April, 1988. Project: Golden Drag NTS:115N /15 Area: Sixty Mile River, Yukon

Samplers: HK, BP, GS, SO Lab: CON and Bondar-Clegg

Sample Number	Location	Description	Attitude	Width m	Au opt	Ag opt	Pb ppm	As ppm	
		found 50m N of post 2 PRA 69 and 70 along claim line.							
74462	PRA 70; on ridge	Resistive, brecciated, silicified, tourmalinized ridge and outcrop. Also calcite, quartz, pyrite, fluorite(?), topaz(?), apatite(?), beryl(?), actinolite(?), diopside.	020°?	>3 m?	0.002	0.02	100	100	
74463	Kelan	Specific location: BLD/114 + 50E. Rusty vein type quartz with visible gray sulphide, possibly galena, stibnite, or acanthite? Constitutes about 3% of the rock.		float	0.002	18.59	188100	3000	
74499	Kelan	Massive magnetite from outcrop beside road.		grab	0.001	0.01	18	142	
					Number:	61	61	61	61
		Note: All values exceeding upper or lower detection limit entered at detection limit.			Maximum:	0.088	151.1	724400	109400
					Minimum:	0.001	0.01	18	16
					Average:	0.013	15.32	68131	10323

**APPENDIX B**

Petrographic Report



# Vancouver Petrographics Ltd.

JAMES VINNELL, Manager  
JOHN G. PAYNE, Ph. D. Geologist

P.O. BOX 39  
8887 NASH STREET  
FORT LANGLEY, B.C.  
VOX 1J0

PHONE (604) 888-1323

October 25, 1987.

Invoice 6809

Mr. Jon Bergvinson,  
Croesus Resources Inc  
600 - 890 West Pender Street  
Vancouver, B.C.  
V6C 1J9.

RE: DESCRIPTIONS OF TWO SULFIDE-RICH SAMPLES ("LARGE" AND "SMALL")

Small Sample:

Highly siliceous rock, either strongly replaced or from vein zone. Dark sulfides, quartz, possibly sericitized feldspar remnants, cut by later white (quartz) veinlets.

Minerals present are:

Quartz	50%
Sericite	15%
Sulfides:	15%
Arsenopyrite	7%
Pyrite	4%
Chalcopyrite	2%
Covellite	2%
Tetrahedrite	tr
Biotite	10%
Chlorite (pale green)	9%
Chlorite (deep green)	1%

Quartz is fairly clear and unstrained, but well fractured (criss-crossed by hairline fractures, marked by trails of inclusions, some of which are primary). Many are actually secondary fluid inclusions, and indicate a mesothermal environment of formation by their "brush" or "wispy" texture. The grains interlock, and are often elongated (in random directions), averaging about 1 mm long.

The other minerals of the slide are restricted to the interstices between the quartz grains. These interstices look to be the product of hydrothermal replacement, perhaps of feldspars. The interstices have sharp euhedral outlines which are often rhombic or rectangular, suggesting the shapes of

feldspars or carbonate minerals but probably due rather to the euhedral edges of quartz grains. However, they are now composed of a fine mat (0.01 to 0.03 mm) principally composed of sericite with admixed patches of chlorite (lower birefringence), and distinct central patches of pale brown biotite. In places, and especially in the late veins referred to above, the sericite is also stained brown, probably by limonite from oxidation of sulfides.

The deep green chlorite looks out of place in this environment; it may actually be a remnant of former mafic sites if the precursor to this altered rock was igneous. The coarser grain size and sporadic distribution both support this.

The sulfides themselves are often apparently veined and replaced around their margins by the fine-grained sericite. Either the sericite is later, or both sulfide and sericite are the products of replacement of some precursor mineral.

Sulfides present are mostly arsenopyrite, as rhombic crystals averaging 0.1 mm but in aggregates to 0.5 mm, and pyrite, as large, smooth, rounded grains up to 0.5 mm. Significant amounts of chalcopyrite, as irregular masses up to 0.3 mm across, and covellite, as minute flakes 0.02 mm in size but in aggregates up to 0.2 mm, are also present. The covellite is found only in sericitic replacement patches; the pyrite, arsenopyrite, and chalcopyrite are usually in separate grains but are sometimes found all together. The tetrahedrite forms very small grains as inclusions in arsenopyrite.

#### Large Sample

This sample is indeed similar to the small sample in its mineral composition, but texturally is distinct. It is also probably the product of hydrothermal replacement, but unlike the small sample it is now a breccia. Coarse quartz fragments up to 1 cm across are enclosed in a matrix of the same sericite/chlorite admixture as in the small sample, again with biotite (but as coarser grains up to 0.3 mm across, with a distinctive yellow-brown pleochroism). Sulfides are restricted to this matrix, and are associated with biotitic areas in it. The margins of the sulfide grains appear to be veined and replaced with the deep green chlorite.

Mineral abundances are:

Quartz	70%
Sericite	10%
Sulfides:	10%
Arsenopyrite	7%
Covellite	3%
Chlorite (with sericite)	5%
Biotite	3%
Deep green Chlorite	2%

The sericitized areas show rare relics of lamellar twinning which suggests that they were indeed plagioclase feldspar.

The texture of this sample suggests that it is a product of similar veining to that seen in the small sample, carried to a much greater extent, with the veins eventually coalescing to form the breccia matrix. Quartz grains in this sample also show evidence of more deformation, with areas of sutured grain boundaries and undulose extinction. A still later generation of very thin clear quartz veinlets is also present that was not in the small sample. The outlines of the sericitized areas are only rarely euhedral in this sample, due to the brecciation.

The deep green chlorite appears to be restricted to the immediate margins of (some) sulfide grains, rather than occurring by itself as it did in the small sample.

The bright yellow colour of the biotite is unusual and may imply a special chemistry (unusual trace element composition).

Sulfides are principally large grains of arsenopyrite (coarser than in the small sample), which form "cores" to surrounding areas of abundant covellite. The covellite forms patches up to 0.1 mm in size, often around holes plucked from the section, in the sericitic portions of the rock. The sulfide assemblage is simpler than in the small sample; no tetrahedrite was seen.

*Ch. B. Laird, P. Eng.*

**APPENDIX C**

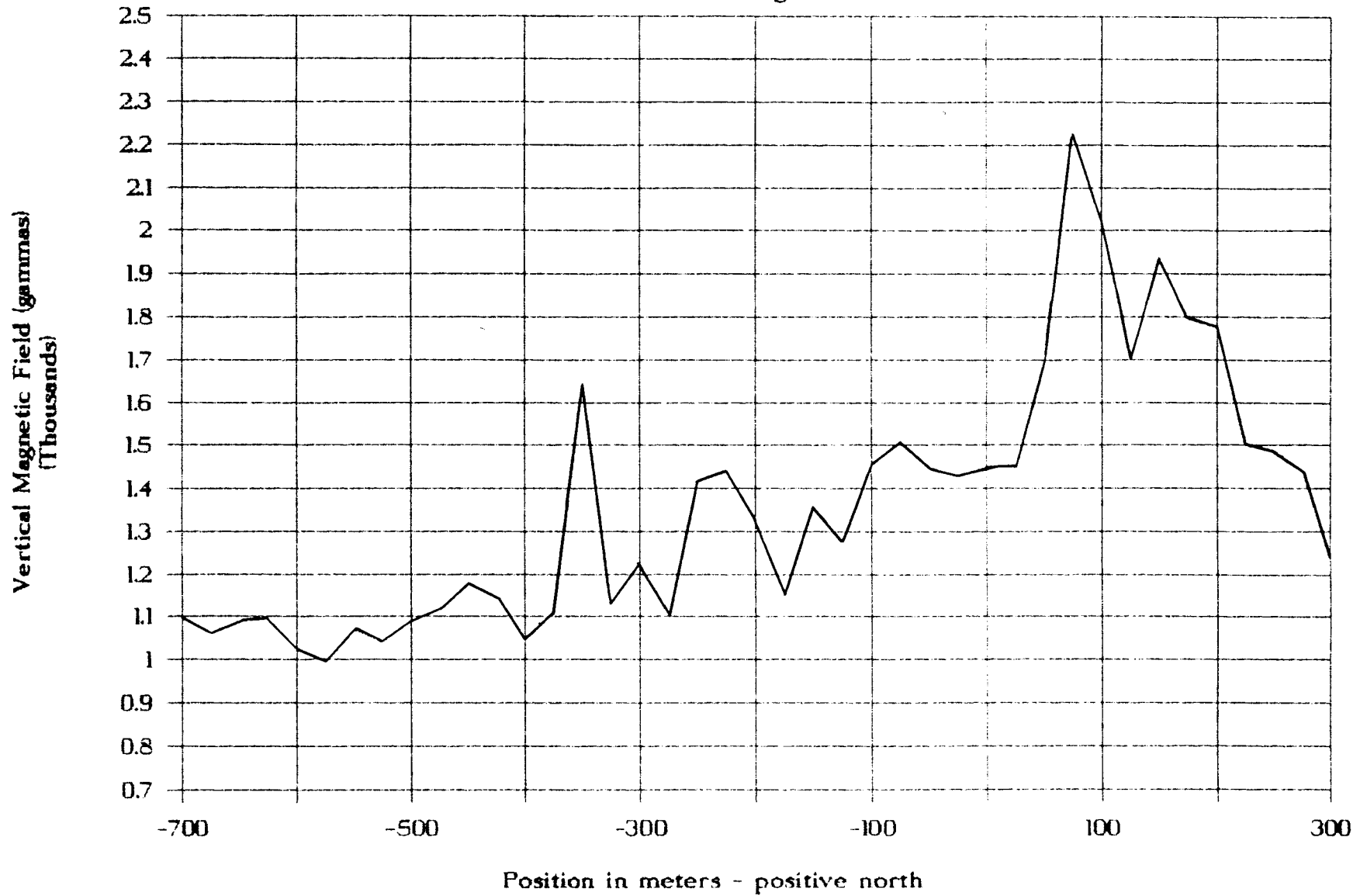
**Magnetometer Survey Data**

GOLDEN CRAG PROPERTY, Dawson M.D., Yukon  
 Magnetometer Survey on Kelan Claims (East Grid)  
 Instrument: McPhar Flux Gate Magnetometer  
 Operator: Greg Smith, October 1987  
 Data not corrected for diurnal variation

	POS.	L108E	L110E	L111E	L112E	L113E	L114E	L116E	L118E	L120E	L122E
N	300	1235	1690		1900		1775	1300	1820	1500	1600
	275	1440	1550		1910		1630	1695	1560	1300	1625
	250	1490	1610		1900		1540	1710	1701	1200	1490
	225	1590	1630		1650		1430	1645	1300	1500	1440
	200	1775	1715		1800		1480	1740	1560	1550	1340
	175	1795	1845		1590		1650	1850	1935	1450	1510
	150	1940	1700		2050		1845	1900	1750	2150	1590
	125	1700	1750		2120		2030	1480	1750	1690	1550
	100	2020	2100		1850		1965	1885	1740	1695	1660
	75	2225	1725		1700		2110	1850	1855	1740	1645
	50	1700	1515		1700		2050	1800	1700	1650	1675
	25	1450	1250		1675		2000	1800	1585	1645	1430
BL	0	1450	1485	1300	1690	1350	1740	1860	1900	1800	1825
	-25	1425	1560	1390	2125	1400	1725	2000	2100	1850	1800
	-50	1450	1565	1370	1275	1505	1760	1850	2050	2090	1800
	-75	1510	1460	1500	570	1320	1800	2100	2000	2200	1650
	-100	1455	1580	1700	-77000	1390	2190	1560	2000	2390	1740
	-125	1275	1760	1160	20000	950	1780	1840	2150	2360	1750
	-150	1360	1550	1240	-1975	990	1725	1610	2050	2250	1685
	-175	1150	1500	1150	1450	1500	1725	3450	1575	2150	1590
	-200	1325	1310	1175	1900	1265	1680	1670	1300	2025	1875
	-225	1440	1240	1050	1475	1250	1690	2000	1350	1750	1340
	-250	1415	1225	1160	1625	1140	1575	2075	1400	1310	1960
	-275	1100	1390	1045	1740	1100	1600	1390	1500	1400	1800
	-300	1225	1190	1225	1650	1200	1800	1260	1225	1290	1740
	-325	1130	1500	1060	1640	1210	1475	1225	1225	1325	1460
	-350	1645	1400	1145	1630	1475	1400	1200	1350	1180	1400
	-375	1110	1375	1020	1375	1625	1260	1225	1250	1420	1275
	-400	1050	1100	1490	1560	1040	1275	1280	1360	1200	1250
	-425	1145	1065		1450		1340	1340	1300	1110	1300
	-450	1180	1020		1925		1275	1280	1100	1200	1300
	-475	1115	1090		1400		1440	1250	1200	1300	1300
	-500	1090	1145		1450		1485	1175	1130	1250	1240
	-525	1040	1140		1500		1225	1300	1175	1135	1300
	-550	1070	1090		1760		1890	1350	1125	1050	1225
	-575	995	1140		1440		1525	1340	1100	720	1275
	-600	1025	1200		1450		1300	1360	1300	1045	1060
	-625	1095	1075		1610		1560	1125	1125	1090	1075
	-650	1090	1080		1425		1460	1080	970	1100	1060
	-675	1060	1275		1300		1375	1200	1225	1225	1125
S	-700	1095	1300		1300		1350	1150	1275	1190	1175

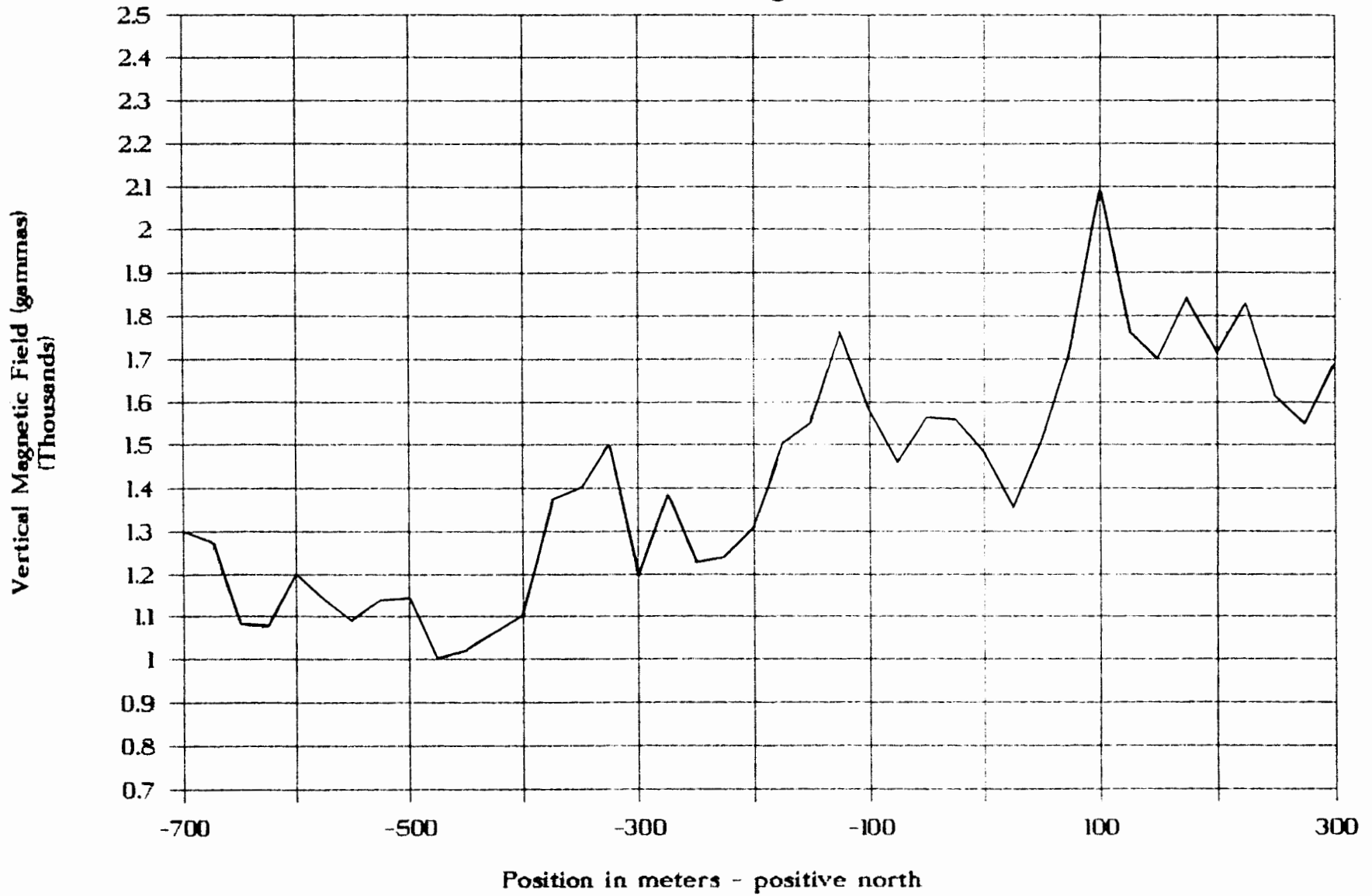
# Kelan Property - East Grid - L108E

McPhar Flux Gate Magnetometer



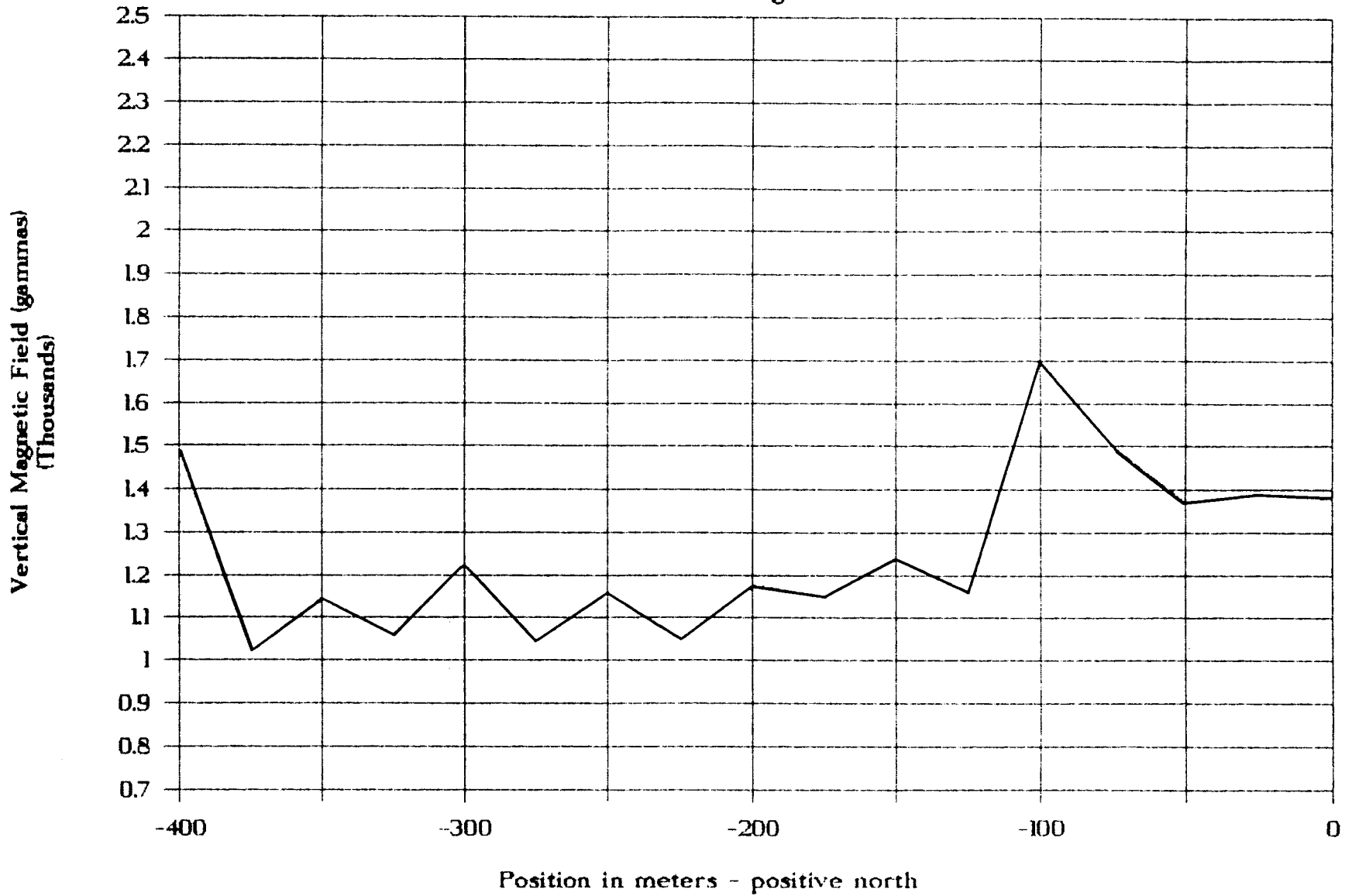
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McPhar Flux Gate Magnetometer



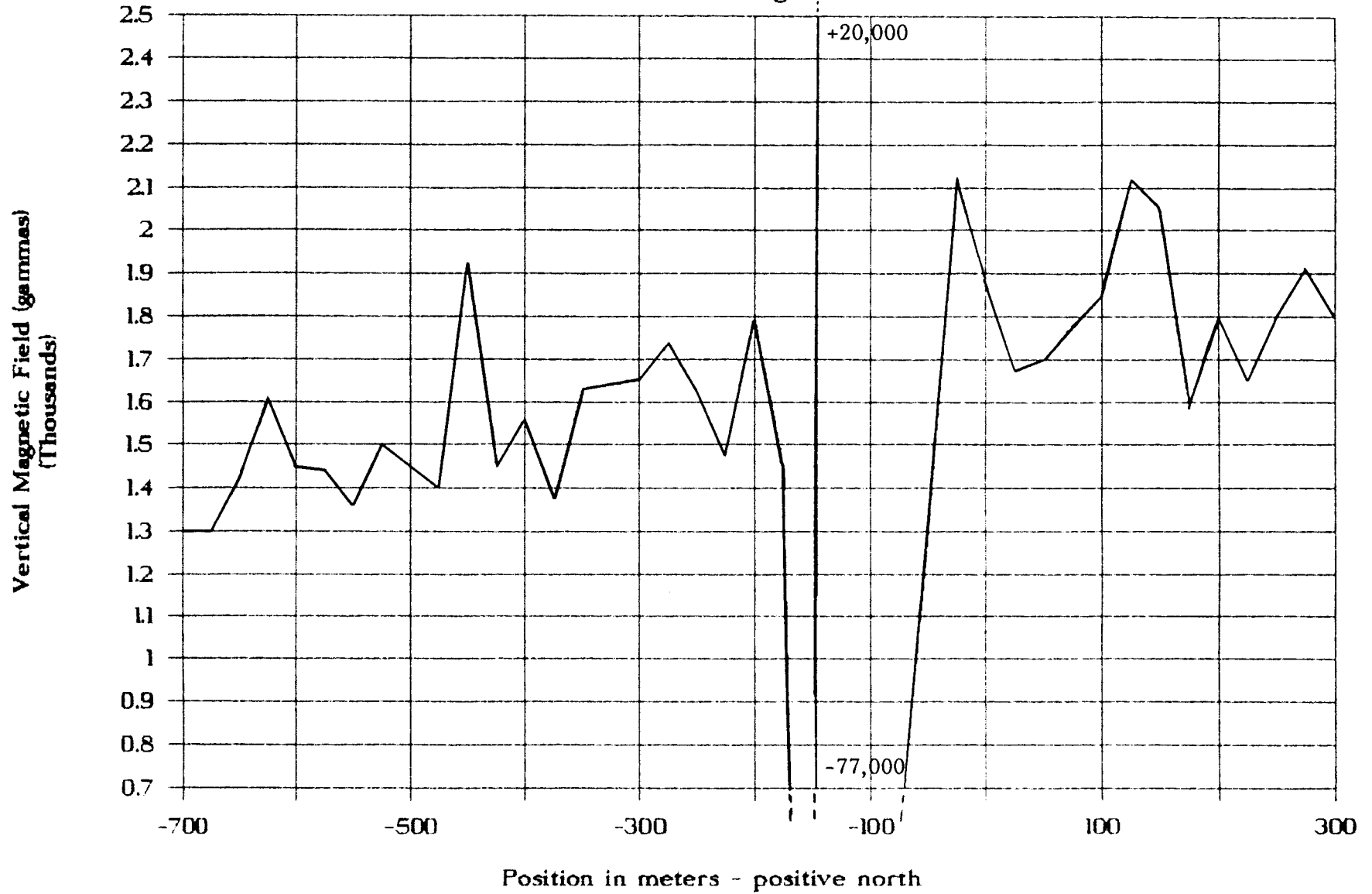
# Kelan Property – East Grid – L111E

McPhar Flux Gate Magnetometer



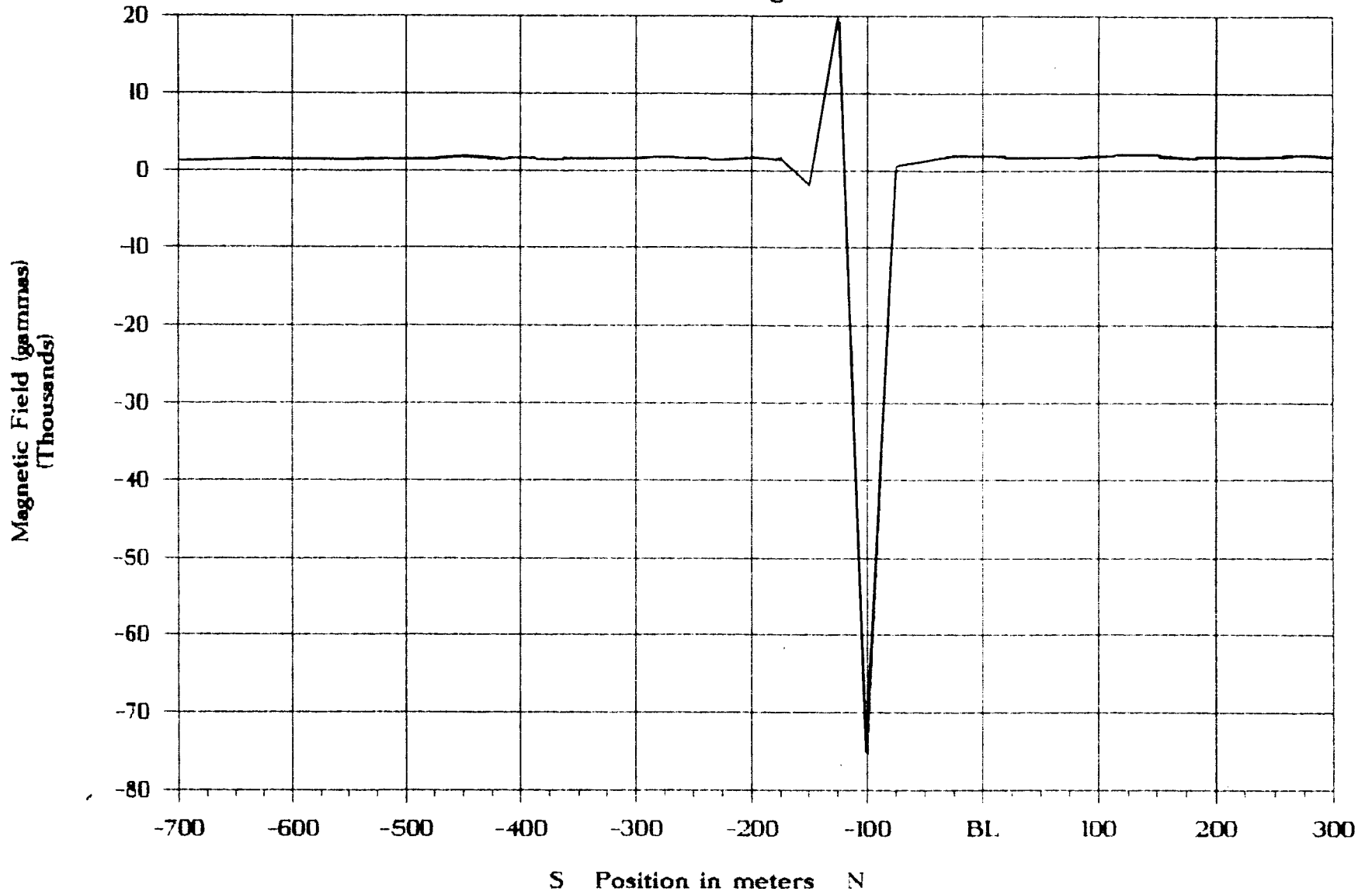
# Kelan Property – East Grid – L112E

McPhar Flux Gate Magnetometer



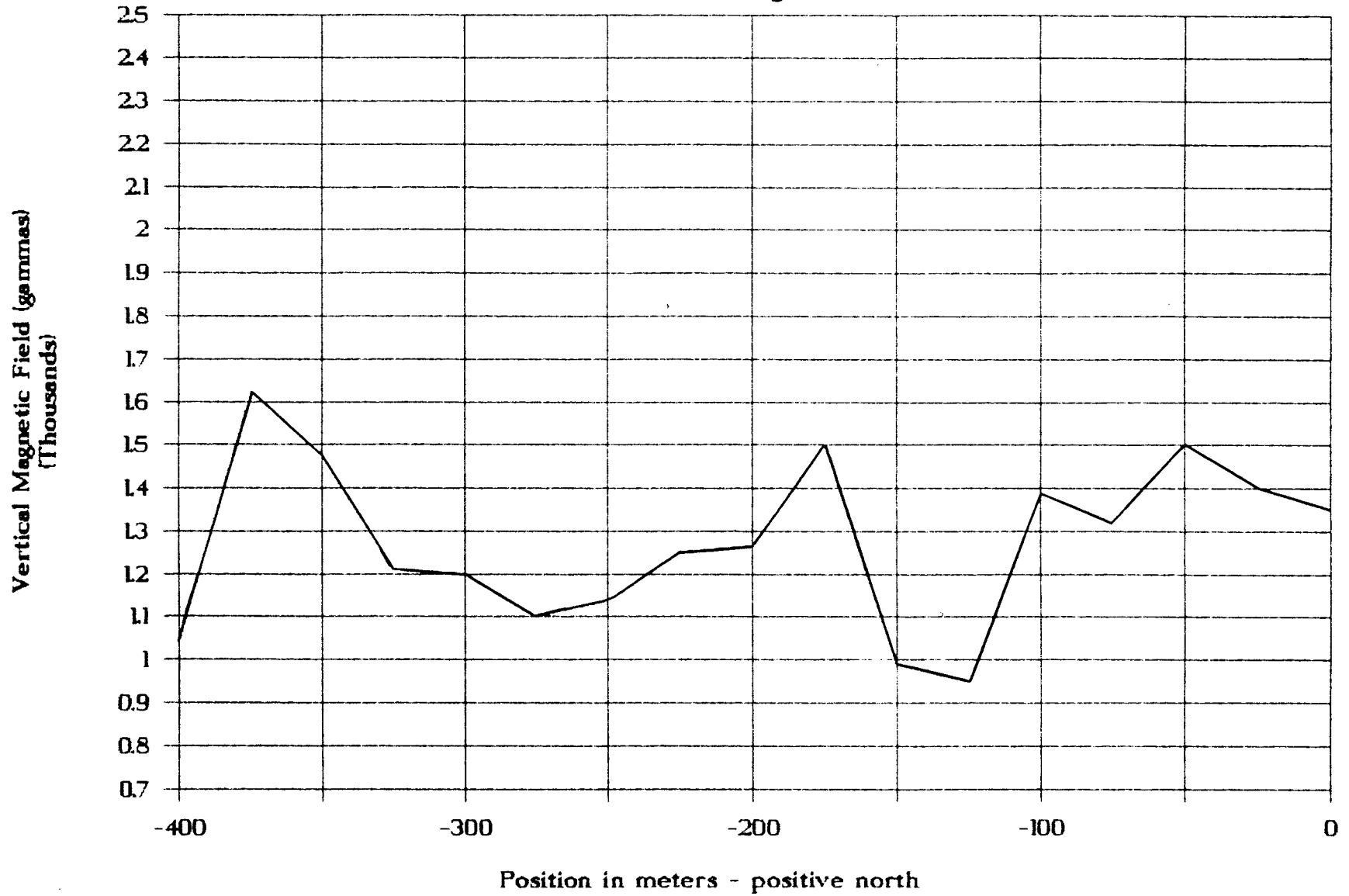
# Kelan Claims - East Grid - L112E

McPhar Flux Gate Magnetometer



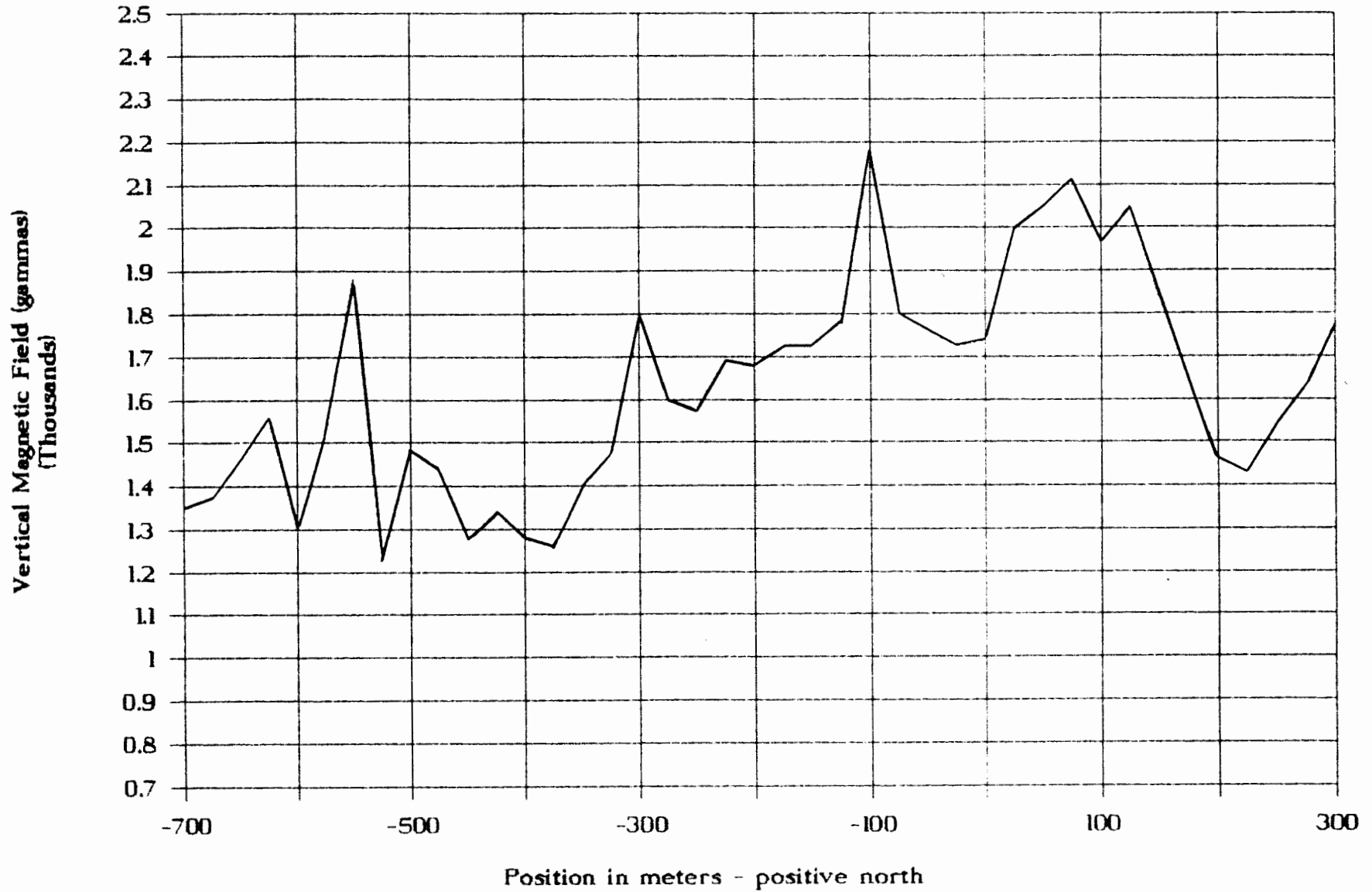
# Kelan Property - East Grid - L113E

McPhar Flux Gate Magnetometer



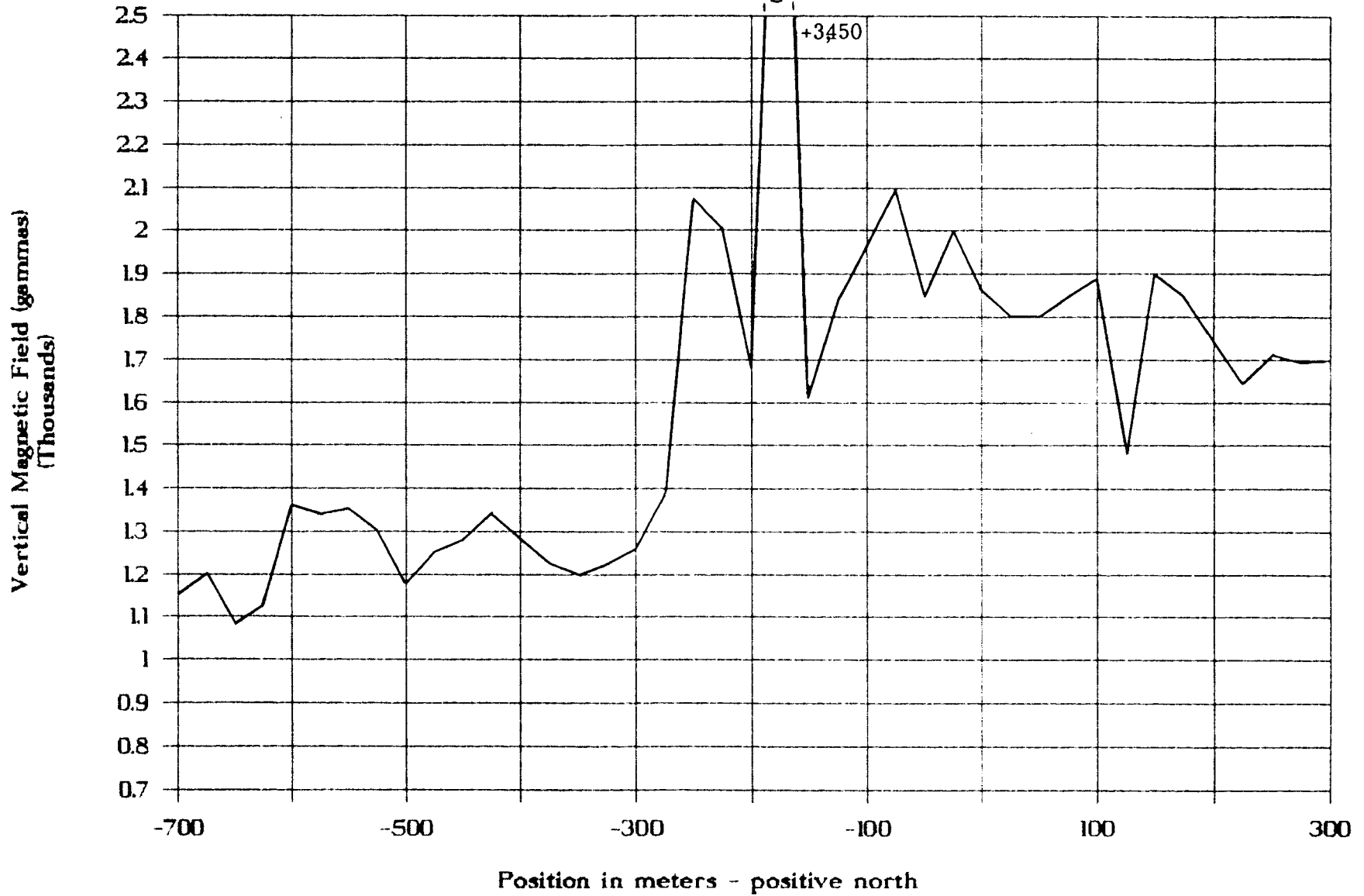
# Kelan Property - East Grid - L114E

McPhar Flux Gate Magnetometer



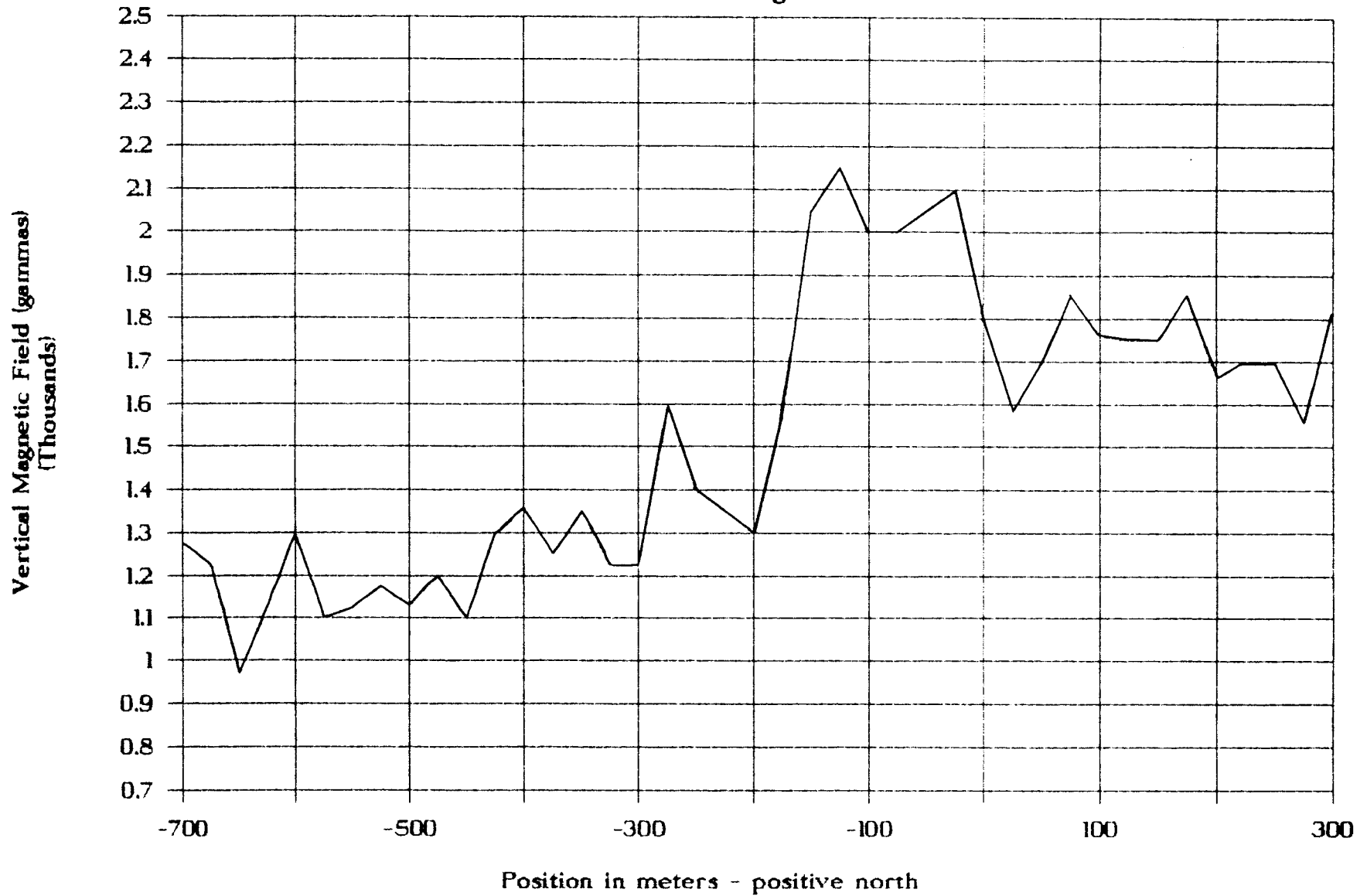
# Kelan Property - East Grid - L116E

McPhar Flux Gate Magnetometer



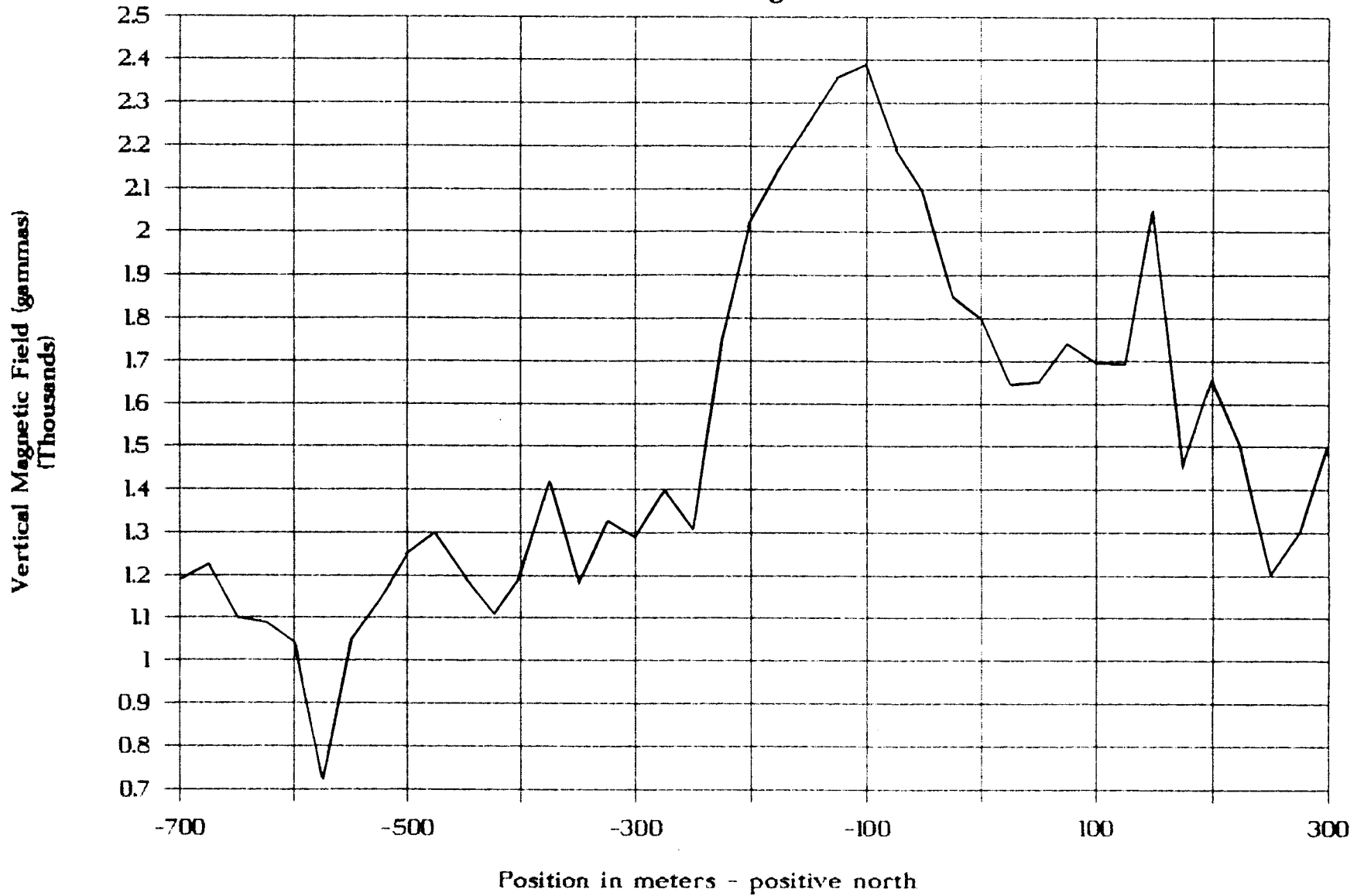
# Kelan Property - East Grid - L118E

McPhar Flux Gate Magnetometer



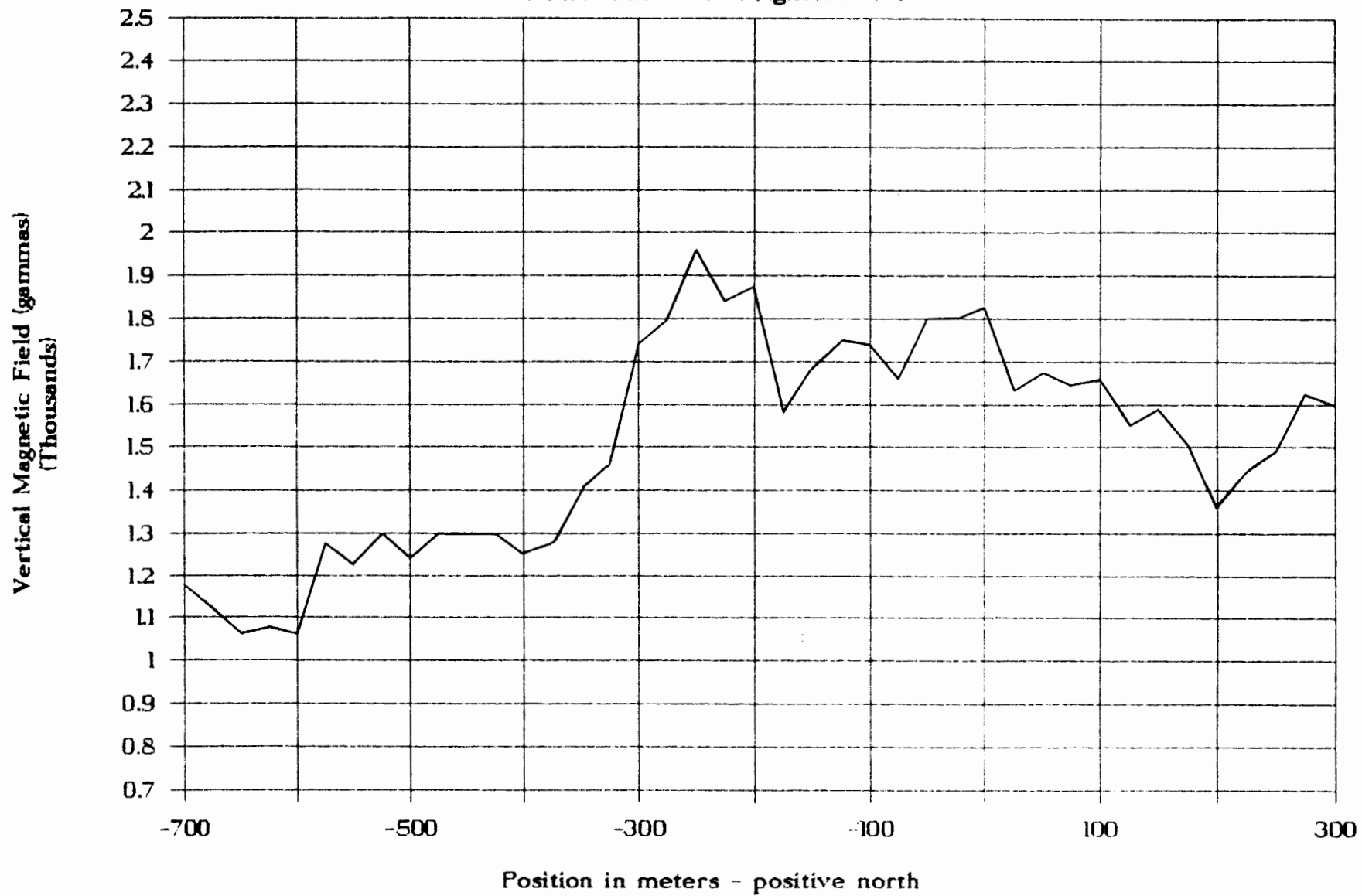
# Kelan Property - East Grid - L120E

McPhar Flux Gate Magnetometer



# Kelan Property - East Grid - L122E

McPhar Flux Gate Magnetometer



**APPENDIX D**  
Analytical Reports

# CDN RESOURCE LABORATORIES LTD.

#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

## GEOCHEMICAL REPORT

To: Aurum Geological Consultants Inc.  
604 - 675 West Hastings  
Vancouver, B.C.  
V6B 1N2

Number: 87248  
Date: July 27, 1987  
Proj.: Golden Crag

Attn: Harmen Keyser cc. Walhalla Exploration

	Pb ppm	Zn ppm	Sb ppm	As ppm	Hg ppb
74401	37000	1900	3000	8800	210
74402	39500	1300	1900	54000	570
74403	34000	2600	11400	1230	1390
74404	33000	2800	5700	280	380
74405	33000	118	2700	4800	280
74406	3600	6500	44	44	30
74407	1600	1400	44	860	10
74408	164	75	8	20	10
74409	6500	1600	4	96	20
74410	43	65	< 4	64	<10
74411	102	157	8	28	130
74412	64	13	4	16	50
74413	44000	250	2150	47500	230
GC 1	1910	5600	8	560	30

	<u>Au ppb</u>	<u>Ag ppm</u>
GC 1	570	23.5

*Duncan Sanderson*

# CDN RESOURCE LABORATORIES LTD.

#8, 7550 RIVER ROAD, DELTA, B.C. V4G 1C8 / TEL. (604) 946-4448

\*\* ASSAY REPORT \*\*

To: Aurum Geological Consultants Inc.  
604 - 675 West Hastings  
Vancouver, B.C.  
V6B 1N2

Number: 87248  
Date: July 27, 1987  
Proj.: Golden Crag

Attn: Harmen Keyser cc. Walhalla Exploration

	Au g/t	Ag g/t
74401	0.20	2600
74402	2.13	2270
74403	1.40	5180
74404	1.60	3620
74405	1.00	2500
74406	<0.05	15.0
74407	<0.05	10.5
74408	<0.05	1.0
74409	<0.10	4.5
74410	<0.10	<0.5
74411	<0.05	<0.5
74412	<0.05	<0.5
74413	0.80	397

  
Licensed Assayer of British Columbia

Bondar-Clegg & Company Ltd.

120 Pemberton Ave.  
North Vancouver, B.C.  
Canada V7P 2R5  
Phone: (604) 983-0881  
Telex: 04-352667

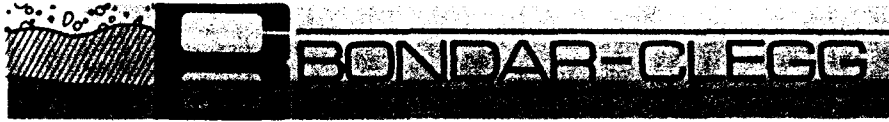


Certificate  
of Analysis

SAMPLE NUMBER	ELEMENT UNITS	AL OPT	SI OPT	FE PCT	CO PCT	SO PCT	AS PCT
R2 #74414		<0.002	0.87	0.26	0.02	0.02	0.25
R2 #74415		0.008	79.02	70.30	0.07	0.44	0.26
R2 #74416		<0.002	0.61	0.59	0.06	0.03	0.01
R2 #74418		0.080	32.42	18.10	0.15	0.22	3.08
R2 #74419		0.088	31.14	39.02	0.01	0.21	3.86
R2 #74420		0.006	73.09	72.44	0.08	0.52	0.03
R2 #74421		0.005	0.82	1.49	0.01	0.04	2.04
R2 #74422		0.049	3.31	1.06	<0.02	0.04	2.97
R2 #74423		0.007	0.18	0.17	0.02	0.02	0.03

*Ch... ..*

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**Certificate  
 of Analysis**

REPORT: 427-8659 ( COMPLETE )

REFERENCE INFO:

CLIENT: AURUM GEOLOGICAL CONSULTANTS INC.  
 PROJECT: CROESUS

SUBMITTED BY: H. KEYSER  
 DATE PRINTED: 23-NOV-87

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold - FIRE ASSAY	39	0.001 OPT		
2	Ag Silver	39	0.01 OPT		
3	Cu Copper	39	0.01 PCT		
4	Pb Lead	39	0.01 PCT		
5	Zn Zinc	39	0.01 PCT		
6	Cd Cadmium	39	0.01 PCT		
7	As Arsenic	39	0.01 PCT		
8	Sb Antimony	39	0.01 PCT		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	39	2 -150	39	ASSAY PREP	39

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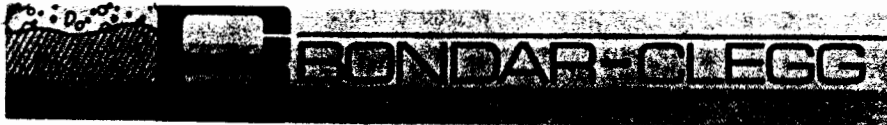
REPORT: 427-8659

PROJECT: CROESUS

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Cu PCT	Pb PCT	Zn PCT	Cd PCT	As PCT	Sb PCT
R2 74425		<0.002	<0.02	<0.01	0.01	0.01	<0.01	0.10	0.03
R2 74426		0.007	1.84	0.02	0.77	0.05	<0.01	1.89	0.12
R2 74427		0.029	58.45	0.10	60.83	0.03	0.01	1.16	0.86
R2 74428		0.006	14.17	0.03	15.60	0.02	<0.01	1.21	0.30
R2 74429		0.013	19.52	0.03	21.48	0.01	<0.01	1.04	0.20
R2 74430		0.025	1.68	0.03	2.04	0.02	<0.01	0.30	0.05
R2 74431		0.002	0.02	<0.01	0.11	0.02	<0.01	<0.01	0.03
R2 74432		<0.002	0.02	<0.01	0.14	0.01	<0.01	0.06	0.04
R2 74433		0.020	4.15	0.01	0.83	0.02	0.01	1.93	0.08
R2 74434		<0.002	0.10	<0.01	0.16	<0.01	<0.01	0.16	0.03
R2 74435		<0.002	0.51	<0.01	0.19	0.01	<0.01	0.35	0.01
R2 74436		<0.002	0.03	0.01	0.03	0.01	0.01	0.08	0.01
R2 74437		0.002	0.58	<0.01	0.23	0.01	0.01	0.51	0.02
R2 74438		<0.002	0.04	<0.01	0.07	0.02	0.01	0.03	0.02
R2 74439		<0.002	<0.02	<0.01	0.02	0.03	0.01	0.01	0.01
R2 74440		<0.002	0.04	<0.01	0.03	0.03	<0.01	0.01	0.01
R2 74441		<0.002	0.05	<0.01	0.03	0.02	<0.01	0.02	0.02
R2 74442		<0.002	0.02	<0.01	0.05	<0.01	<0.01	0.02	0.03
R2 74443		<0.002	0.02	<0.01	0.03	0.01	<0.01	0.02	0.02
R2 74444		0.074	4.38	0.10	1.26	0.03	<0.01	3.89	0.14
R2 74445		0.017	0.03	0.28	0.05	0.01	<0.01	3.50	0.01
R2 74446		0.051	0.19	0.95	0.09	0.01	<0.01	10.94	0.03
R2 74447		0.002	0.06	0.09	0.06	0.01	<0.01	1.57	0.02
R2 74448		0.006	0.21	0.21	0.10	0.01	<0.01	2.40	0.03
R2 74449		<0.002	0.12	0.01	0.18	<0.01	<0.01	0.45	0.02
R2 74450		0.040	94.11	0.31	64.31	0.05	0.01	1.86	0.32
R2 74451		0.002	0.12	0.01	0.04	0.01	<0.01	3.18	0.02
R2 74452		0.025	8.13	0.84	0.30	<0.01	<0.01	1.40	0.03
R2 74453		<0.002	0.03	<0.01	<0.01	<0.01	<0.01	0.04	0.02
R2 74454		<0.002	0.06	0.01	0.02	0.03	<0.01	0.06	0.01
R2 74455		0.002	0.06	<0.01	<0.01	<0.01	<0.01	0.01	0.02
R2 74456		<0.002	<0.02	<0.01	<0.01	<0.01	<0.01	0.01	<0.01
R2 74457		<0.002	<0.02	0.02	0.02	0.05	<0.01	0.05	0.02
R2 74458		<0.002	1.31	<0.01	1.09	0.02	<0.01	<0.01	0.02
R2 74459		<0.002	<0.02	<0.01	0.02	<0.01	<0.01	<0.01	0.02
R2 74460		<0.002	<0.02	0.01	0.01	<0.01	<0.01	<0.01	0.01
R2 74461		<0.002	<0.02	0.01	<0.01	0.01	<0.01	<0.01	0.02
R2 74462		<0.002	<0.02	0.01	<0.01	0.02	<0.01	<0.01	0.01
R2 74463		0.002	18.59	0.04	18.81	0.03	<0.01	0.30	0.15

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**Geochemical  
 Lab Report**

REPORT: 127-8659 ( COMPLETE )

REFERENCE INFO:

CLIENT: AURUM GEOLOGICAL CONSULTANTS INC.  
 PROJECT: CROESUS

SUBMITTED BY: HARMEN KEYSER  
 DATE PRINTED: 15-DEC-87

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Be Beryllium	1	0.5 PPM	MULT ACID TOT DIG	Atomic Absorption
2	Li Lithium	1	1 PPM	HF-H2SO4-HCL	Atomic Absorption
3	B <sup>c</sup> Boron	1	10 PPM		PLASMA
4	Sn Tin	1	5 PPM		X-RAY Fluorescence
5	Ce Cerium	1	5 PPM		X-RAY Fluorescence
6	Y Yttrium	1	5 PPM		X-RAY Fluorescence

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	1	2 -150	1	ASSAY PREP	1

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**Geochemical  
Lab Report**

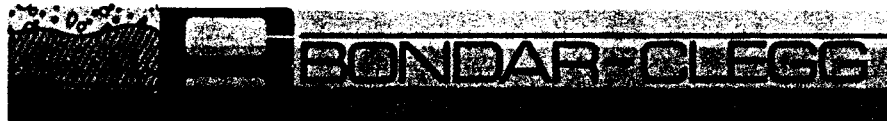
REPORT: 127-8659

PROJECT: CROESUS

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Be PPM	Li PPM	B PPM	Sn PPM	Ce PPM	Y PPM
R2 74462		2.0	20	21	<5	<5	<5

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Geochemical  
 Lab Report

REPORT: 227-8659 ( COMPLETE )

REFERENCE INFO:

CLIENT: AURUM GEOLOGICAL CONSULTANTS INC.  
 PROJECT: CROESUS

SUBMITTED BY: H. KEYSER  
 DATE PRINTED: 30-DEC-87

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Be Beryllium	1	1 PPM	PEROXIDE FUSION	PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	1	2 -150	1	AS RECEIVED, NO SP	1

REMARKS: DECOMPOSITION WAS ACHIEVED BY ALKALINE FUSION.  
 ALL BERYLLIUM MINERALS ARE BROKEN DOWN BY THIS  
 TECHNIQUE. THE SUBSEQUENT ACIDIFIED SOLUTION  
 WAS ANALYZED BY DC PLASMA SPECTROMETRY.

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REPORT: 227-8659

PROJECT: CROESUS

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Be PPM
R2 74462		2



REPORT: 127-10428 ( COMPLETE )

REFERENCE INFO:

CLIENT: AURUM GEOLOGICAL CONSULTANTS INC.  
 PROJECT: CROESUS

SUBMITTED BY: H. KEYSER  
 DATE PRINTED: 6-JAN-88

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	1	5 PPB	NOT APPLICABLE	INST. NEUTRON ACTIV.
2	Sb Antimony	1	0.2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
3	As Arsenic	1	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
4	Ba Barium	1	100 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
5	Br Bromine	1	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
6	Cd Cadmium	1	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
7	Ce Cerium	1	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
8	Cs Cesium	1	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
9	Cr Chromium	1	50 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
10	Co Cobalt	1	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
11	Eu Europium	1	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
12	Hf Hafnium	1	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
13	Ir Iridium	1	100 PPB	NOT APPLICABLE	INST. NEUTRON ACTIV.
14	Fe Iron	1	0.5 PCT	NOT APPLICABLE	INST. NEUTRON ACTIV.
15	La Lanthanum	1	5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
16	Lu Lutetium	1	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
17	Mo Molybdenum	1	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
18	Ni Nickel	1	50 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
19	Rb Rubidium	1	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
20	Sm Samarium	1	0.1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
21	Sc Scandium	1	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
22	Se Selenium	1	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
23	Ag Silver	1	5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
24	Na Sodium	1	0.05 PCT	NOT APPLICABLE	INST. NEUTRON ACTIV.
25	Ta Tantalum	1	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
26	Te Tellurium	1	20 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
27	Tb Terbium	1	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
28	Th Thorium	1	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
29	Sn Tin	1	200 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
30	W Tungsten	1	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
31	U Uranium	1	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
32	Yb Ytterbium	1	5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
33	Zn Zinc	1	200 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
34	Zr Zirconium	1	500 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
35	Cu Copper	1	1 PPM	HN03-HCL NOT EXTR	Atomic Absorption
36	Pb Lead	1	2 PPM	HN03-HCL NOT EXTR	Atomic Absorption
37	Ag Silver	1	0.1 PPM	HN03-HCL NOT EXTR	Atomic Absorption

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**Geochemical  
 Lab Report**

REPORT: 127-10428 ( COMPLETE )

REFERENCE INFO:

CLIENT: AURUM GEOLOGICAL CONSULTANTS INC.  
 PROJECT: CROESUS

SUBMITTED BY: H. KEYSER  
 DATE PRINTED: 6-JAN-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
38	Au	Gold - Fire Assay	1	5 PPB	FIRE-ASSAY	Fire Assay AA
39	Pt	Platinum	1	15 PPB	FIRE-ASSAY	
40	Pd	Palladium	1	2 PPB	FIRE-ASSAY	

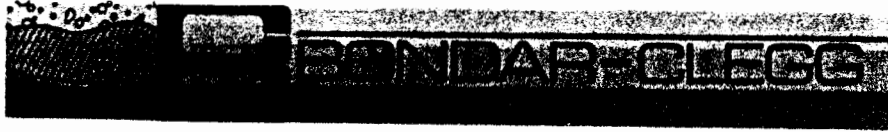
SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	1	2 -150	1	CRUSH, PULVERIZE -150	1
				BATCH SURCHARGE	1

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INVOICE TO: AURUM GEOLOGICAL

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 Jan 7/88

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Geochemical  
Lab Report

REPORT: 127-10428

PROJECT: CROESUS

PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Ba PPM	Br PPM	Cd PPM	Ce PPM	Cs PPM	Cr PPM	Co PPM	Eu PPM
R2 74499		33	8.0	142	<100	<5	<10	<10	<1	<50	<10	<2



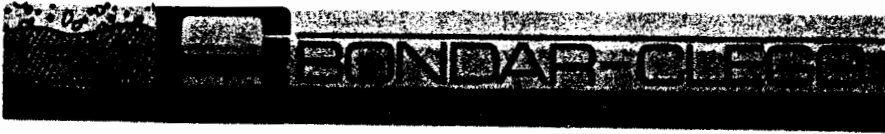
REPORT: 127-10428

PROJECT: CROESUS

PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Hf PPM	Ir PPB	Fe PCT	La PPM	Lu PPM	Mo PPM	Ni PPM	Rb PPM	Sr PPM	Sc PPM	Se PPM
R2 74499		<2	<100	30.0	<5	<0.5	<2	<50	<10	<0.5	1.3	<10

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Geochemical  
Lab Report

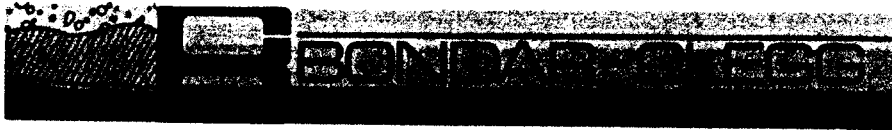
REPORT: 127-10428

PROJECT: CROESUS

PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Na PCT	Ta PPM	Te PPM	Tb PPM	Th PPM	Sn PPM	W PPM	U PPM	Yb PPM	Zn PPM
R2 74499		<5	0.08	<1	<20	<1	<0.5	<200	<2	3.3	<5	370

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**Geochemical  
Lab Report**

REPORT: 127-10428

PROJECT: CROESUS

PAGE 10

SAMPLE NUMBER	ELEMENT UNITS	Zr PPM	Cu PPM	Pb PPM	Ag PPM	Au PPB	Pt PPB	Pd PPB
R2 74499		<500	40	18	0.3	15	<15	<2

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 Telex: 04-352667



Geochemical  
 Lab Report

REPORT: 127-7347 ( COMPLETE )

REFERENCE INFO:

CLIENT: AURUM GEOLOGICAL CONSULTANTS INC.  
 PROJECT: RED FOX — *Golden Crag*

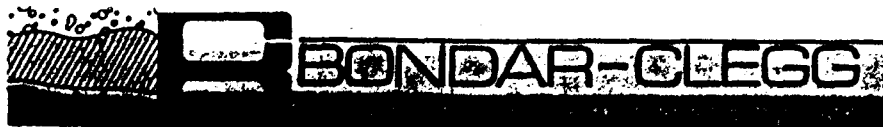
SUBMITTED BY: H. KEYSER  
 DATE PRINTED: 19-OCT-87

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	1014	5 PPB	NOT APPLICABLE	INST. NEUTRON ACTIV.
2	Sb Antimony	1014	0.2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
3	As Arsenic	1014	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
4	Pb Lead	1014	2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
5	Ag Silver	1014	0.1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	1014	1 -80	1014	DRY, SIEVE -80	1014

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REPORT: 127-7347

PROJECT: RED FOX

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Pb PPM	Ag PPM
SI L10E 200S		<5	1.6	12	25	0.1
SI L10E 175S		13	5.1	59	340	0.1
SI L10E 150S		<5	3.4	75	153	0.6
SI L10E 125S		12	5.1	57	80	0.4
SI L10E 100S		<5	1.2	9	11	0.1
SI L10E 75S		<5	1.0	11	21	0.1
SI L10E 50S		9	0.8	12	20	0.1
SI L10E 25S		6	1.3	22	25	0.1
SI L10E 000BL		<5	4.3	200	138	0.8
SI L10E 25N		<5	4.8	243	270	1.0
SI L10E 50N		<5	4.9	92	119	0.5
SI L10E 75N		9	2.5	88	89	0.4
SI L10E 100N		11	2.3	79	103	0.7
SI L10E 125N		8	3.7	121	290	0.7
SI L10E 150N		7	1.7	19	36	0.2
SI L12E 400S		11	0.9	6	24	<0.1
SI L12E 375S		15	1.0	9	29	0.2
SI L12E 350S		17	0.9	8	17	0.1
SI L12E 325S		21	0.8	7	24	<0.1
SI L12E 300S		<5	0.7	5	11	<0.1
SI L12E 275S		<5	0.7	8	12	<0.1
SI L12E 250S		16	1.1	14	36	0.3
SI L12E 225S		<5	1.9	32	194	<0.1
SI L12E 200S		7	0.9	7	19	0.1
SI L12E 175S		<5	0.8	8	20	0.1
SI L12E 150S		<5	0.7	6	9	0.3
SI L12E 125S		8	1.2	12	84	0.2
SI L12E 100S		<5	1.3	15	48	0.2
SI L12E 75S		<5	0.9	9	26	0.2
SI L12E 50S		13	1.4	14	34	0.2
SI L12E 25S		7	1.0	8	30	<0.1
SI L12E 000BL		<5	2.2	186	157	0.3
SI L12E 25N		<5	1.5	48	120	0.3
SI L12E 50N		16	1.5	20	77	0.2
SI L12E 75N		<5	0.9	9	20	<0.1
SI L12E 100N		10	1.1	10	25	0.1
SI L12E 125N		99	26.4	2640	2400	5.9
SI L12E 150N		9	0.6	18	37	0.2
SI L12E 175N		<5	1.4	30	58	<0.1
SI L12E 200N		<5	2.3	109	75	0.1



REPORT: 127-7347

PROJECT: RED FOX

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Pb PPM	Ag PPM
S1 L12E 225N		<5	1.2	26	54	0.2
S1 L12E 250N		<5	0.6	7	8	<0.1
S1 L12E 275N		<5	0.9	13	16	<0.1
S1 L12E 300N		7	1.5	20	20	<0.1
S1 L12E 325N		14	1.0	14	32	0.4
S1 L12E 350N		<5	1.6	32	124	0.2
S1 L12E 375N		8	1.6	22	105	0.1
S1 L12E 400N		6	1.3	24	68	0.2
S1 L14E 600S		10	0.9	9	41	0.1
S1 L14E 575S		<5	0.7	8	16	<0.1
S1 L14E 550S		<5	0.8	9	16	0.1
S1 L14E 525S		<5	1.1	11	52	0.4
S1 L14E 500S		11	1.2	15	70	0.1
S1 L14E 475S		<5	1.1	10	24	0.1
S1 L14E 450S		8	1.0	10	34	<0.1
S1 L14E 425S		9	0.9	11	12	<0.1
S1 L14E 400S		<5	0.9	9	19	0.2
S1 L14E 375S		<5	0.9	8	22	<0.1
S1 L14E 350S		<5	0.9	11	27	0.1
S1 L14E 325S		<5	0.9	9	20	0.1
S1 L14E 300S		<5	1.0	10	31	0.1
S1 L14E 275S		6	0.9	11	47	<0.1
S1 L14E 250S		<5	0.9	9	30	0.1
S1 L14E 225S		<5	0.8	9	18	0.1
S1 L14E 200S		8	1.0	9	21	0.1
S1 L14E 175S		<5	0.8	9	18	0.1
S1 L14E 150S		<5	1.0	11	21	<0.1
S1 L14E 125S		<5	1.0	15	20	<0.1
S1 L14E 100S		<5	1.2	38	81	<0.1
S1 L14E 75S		8	1.0	12	17	<0.1
S1 L14E 50S		7	1.0	14	31	<0.1
S1 L14E 25S		8	1.1	13	15	<0.1
S1 L14E 000BL		8	1.1	12	24	0.1
S1 L14E 25N		<5	1.3	26	63	<0.1
S1 L14E 50N		<5	2.2	81	260	0.2
S1 L14E 75N		7	1.0	16	49	0.1
S1 L14E 100N		15	1.1	14	46	0.3
S1 L14E 125N		20	0.9	37	59	0.4
S1 L14E 150N		13	4.0	282	860	<0.1
S1 L14E 175N		7	0.6	7	20	0.6



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SAMPLE NUMBER	ELEMENT UNITS	Au PPR	Sb PPM	As PPM	Pb PPM	Ag PPM
SI L14E 200N		8	1.4	23	69	0.3
SI L14E 225N		10	0.6	8	55	0.2
SI L14E 250N		<5	0.9	8	18	<0.1
SI L14E 275N		<5	0.9	8	18	<0.1
SI L14E 300N		<5	2.8	39	149	<0.1
SI L14E 325N		11	1.0	13	54	<0.1
SI L14E 350N		<5	0.7	10	16	<0.1
SI L14E 375N		<5	1.0	14	26	<0.1
SI L14E 400N		81	110.0	3190	4400	11.0
SI L14E 425N		26	111.0	1100	2200	7.8
SI L14E 450N		34	147.0	1880	4050	13.0
SI L14E 475N		37	21.2	1210	1350	3.6
SI L14E 500N		25	7.7	123	370	1.6
SI L14E 525N		14	10.0	202	1450	4.7
SI L14E 550N		19	8.0	185	760	2.0
SI L14E 575N		<5	14.0	237	480	1.0
SI L14E 600N		<5	1.8	53	110	0.2
SI L16E 750S		<5	0.8	7	20	0.1
SI L16E 725S		<5	0.6	8	28	<0.1
SI L16E 700S		13	1.0	11	28	<0.1
SI L16E 675S		7	0.7	9	22	<0.1
SI L16E 650S		<5	0.5	3	10	<0.1
SI L16E 625S		<5	0.6	7	11	<0.1
SI L16E 600S		<5	0.6	9	23	<0.1
SI L16E 575S		<5	0.7	3	29	<0.1
SI L16E 550S		<5	0.7	13	30	<0.1
SI L16E 525S		7	0.8	8	18	<0.1
SI L16E 500S		6	0.9	9	20	<0.1
SI L16E 475S		<5	0.7	7	14	<0.1
SI L16E 450S		8	1.0	10	13	0.1
SI L16E 425S		<5	0.9	10	15	0.1
SI L16E 400S		<5	0.8	14	31	0.2
SI L16E 375S		<5	0.4	3	7	<0.1
SI L16E 350S		6	0.7	7	30	<0.1
SI L16E 325S		<5	0.4	2	3	<0.1
SI L16E 300S		<5	1.0	15	28	0.1
SI L16E 275S		6	0.6	3	8	0.1
SI L16E 250S		8	0.4	3	4	<0.1
SI L16E 225S		<5	0.9	9	11	<0.1
SI L16E 200S		<5	0.8	9	14	<0.1



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SAMPLE NUMBER	ELEMENT UNITS	Au PPM	Se PPM	As PPM	Pb PPM	Ag PPM
SI L16E 175S		7	0.7	10	14	<0.1
SI L16E 150S		<5	0.8	11	13	<0.1
SI L16E 125S		<5	0.5	3	4	<0.1
SI L16E 100S		8	0.7	10	23	<0.1
SI L16E 75S		9	0.8	12	22	0.1
SI L16E 50S		7	1.4	27	59	<0.1
SI L16E 25S		<5	0.8	9	12	<0.1
SI L16E 000EL		<5	0.8	10	16	<0.1
SI L16E 25N		<5	0.9	16	35	0.2
SI L16E 50N		7	0.9	12	32	0.1
SI L16E 75N		7	0.9	16	33	<0.1
SI L16E 0100N		12	1.4	18	68	0.1
SI L16E 0125N		8	1.3	30	85	0.1
SI L16E 0150N		8	1.0	45	66	0.1
SI L16E 0175N		<5	1.2	76	50	0.1
SI L16E 0200N		<5	1.4	127	109	0.1
SI L16E 0225N		<5	2.0	213	160	0.2
SI L16E 0250N		<5	1.3	103	118	0.3
SI L16E 0275N		10	1.4	106	79	0.7
SI L16E 0300N		9	1.0	34	35	<0.1
SI L16E 0325N		<5	1.3	84	108	0.4
SI L16E 0350N		<5	3.2	156	130	0.2
SI L16E 0375N		<5	1.6	158	154	0.3
SI L16E 0400N		22	4.1	1070	460	1.8
SI L16E 0425N		10	2.3	572	380	0.4
SI L16E 0450N		<5	0.9	19	27	0.1
SI L16E 0475N		<5	0.9	11	15	<0.1
SI L16E 0500N		<5	0.7	11	20	0.1
SI L16E 0525N		7	0.7	11	14	<0.1
SI L16E 0550N		<5	0.8	22	16	<0.1
SI L16E 0575N		<5	0.8	16	24	<0.1
SI L16E 0600N		11	13.0	317	875	2.4
SI L16E 0625N		19	1.3	65	87	0.2
SI L16E 0650N		9	1.1	26	47	<0.1
SI L16E 0675N		10	1.0	32	47	<0.1
SI L16E 0700N		15	1.0	17	30	<0.1
SI L16E 0725N		9	1.1	51	82	0.2
SI L16E 0750N		<5	0.9	15	22	<0.1
SI L16E 0775N		<5	0.9	18	36	0.1
SI L16E 0800N		<5	0.8	12	28	<0.1



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SAMPLE NUMBER	ELEMENT UNITS	Au PPM	Sb PPM	As PPM	Pb PPM	Ag PPM
SI L16E 0825N		<5	0.7	6	13	<0.1
SI L16E 0850N		<5	1.2	7	14	<0.1
SI L16E 0875N		14	0.8	7	9	<0.1
SI L16E 0900N		9	1.0	41	25	<0.1
SI L16E 0925N		8	1.0	12	16	0.1
SI L16E 0950N		<5	1.0	18	13	<0.1
SI L16E 0975N		<5	1.6	260	199	0.3
SI L16E 1000N		<5	1.0	29	155	0.2
SI L16E 1025N		<5	1.0	12	28	<0.1
SI L16E 1050N		<5	1.1	11	41	<0.1
SI L16E 1075N		12	1.8	360	148	0.1
SI L16E 1100N		<5	1.5	199	118	0.1
SI L18E 825S		6	0.8	9	25	<0.1
SI L18E 800S		9	0.9	8	21	0.1
SI L18E 775S		<5	0.8	9	22	<0.1
SI L18E 750S		<5	0.7	6	17	<0.1
SI L18E 725S		<5	0.7	6	24	<0.1
SI L18E 700S		<5	0.7	5	18	0.1
SI L18E 675S		<5	0.7	3	19	<0.1
SI L18E 650S		<5	0.9	6	23	<0.1
SI L18E 625S		7	0.5	2	18	0.5
SI L18E 600S		8	0.7	6	21	0.1
SI L18E 575S		7	0.6	3	8	<0.1
SI L18E 550S		<5	0.8	8	16	0.1
SI L18E 525S		<5	0.8	8	18	0.1
SI L18E 500S		<5	0.7	7	27	0.1
SI L18E 475S		11	1.1	10	25	<0.1
SI L18E 450S		9	0.9	10	45	0.1
SI L18E 425S		<5	0.9	10	54	0.2
SI L18E 400S		8	0.7	9	28	0.3
SI L18E 375S		9	<0.2	9	30	0.1
SI L18E 350S		<5	0.7	10	28	0.3
SI L18E 325S		<5	0.8	10	20	0.1
SI L18E 300S		<5	0.7	5	12	0.2
SI L18E 275S		<5	0.7	12	40	0.1
SI L18E 250S		<5	0.8	17	29	0.1
SI L18E 225S		<5	0.7	10	16	<0.1
SI L18E 200S		<5	0.9	15	18	0.2
SI L18E 175S		<5	0.9	33	32	0.1
SI L18E 150S		11	0.9	20	25	0.1

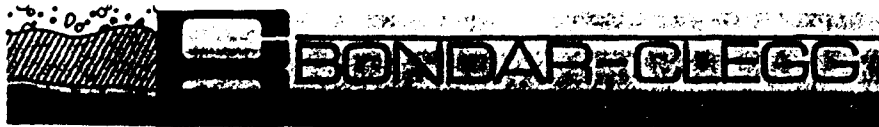


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SAMPLE NUMBER	ELEMENT UNITS	Au PPE	Sb PPM	As PPM	Pb PPM	Ag PPM
SI L18E 125S		9	1.0	11	17	<0.1
SI L18E 100S		<5	0.5	17	31	0.1
SI L18E 75S		<5	1.0	20	21	0.1
SI L18E 50S		7	0.6	20	40	0.2
SI L18E 25S		9	0.8	11	21	0.1
SI L18E 000BL		<5	<0.2	16	53	0.7
SI L18E 25N		<5	0.7	22	29	0.1
SI L18E 50N		<5	1.0	70	43	1.0
SI L18E 75N		<5	0.9	104	70	0.4
SI L18E 100N		<5	0.8	46	46	0.3
SI L18E 125N		13	0.8	31	44	0.2
SI L18E 150N		<5	1.1	74	87	0.1
SI L18E 175N		<5	1.0	76	128	0.2
SI L18E 200N		<5	0.8	48	49	0.3
SI L18E 225N		<5	0.8	44	48	0.2
SI L18E 250N		14	1.2	153	102	0.3
SI L18E 275N		<5	1.9	237	171	0.9
SI L18E 300N		<5	1.6	197	394	0.5
SI L18E 325N		<5	1.2	77	124	0.3
SI L18E 350N		<5	0.8	44	86	0.2
SI L18E 375N		<5	1.0	56	73	0.2
SI L18E 400N		<5	1.1	84	98	<0.1
SI L18E 425N		8	1.2	143	67	0.1
SI L18E 450N		<5	0.8	15	17	<0.1
SI L18E 475N		<5	0.8	44	30	<0.1
SI L18E 500N		<5	0.9	61	60	0.1
SI L18E 525N		<5	0.9	52	82	<0.1
SI L18E 550N		<5	1.0	122	39	<0.1
SI L18E 575N		6	0.7	15	13	<0.1
SI L18E 600N		<5	0.9	15	17	<0.1
SI L18E 625N		<5	0.9	13	15	<0.1
SI L18E 650N		8	0.9	13	51	0.3
SI L18E 675N		10	1.2	49	45	<0.1
SI L18E 700N		<5	2.2	53	89	0.5
SI L18E 725N		<5	1.4	50	77	0.2
SI L18E 750N		12	2.1	235	142	0.4
SI L18E 775N		<5	1.6	117	110	0.5
SI L18E 800N		7	1.1	71	102	0.1
SI L18E 825N		<5	1.0	43	83	<0.1
SI L18E 850N		<5	1.5	92	135	0.6



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Pb PPM	Ag PPM
SI L18E 875N		<5	0.9	16	53	0.4
SI L18E 900N		<5	0.9	11	29	<0.1
SI L18E 925N		<5	0.8	38	53	0.1
SI L18E 950N		<5	0.8	12	19	<0.1
SI L18E 975N		6	1.0	13	14	<0.1
SI L18E 1000N		<5	0.9	14	34	0.7
SI L18E 1025N		<5	0.9	108	96	0.1
SI L18E 1050N		<5	1.1	37	53	<0.1
SI L18E 1075N		<5	0.5	6	9	0.2
SI L18E 1100N		<5	0.9	33	14	<0.1
SI L18E 1125N		<5	1.0	29	19	<0.1
SI L18E 1150N		<5	2.8	461	198	0.3
SI L18E 1175N		<5	2.5	241	153	0.7
SI L18E 1200N		<5	6.1	738	705	2.1
SI L18E 1225N		33	36.3	3910	2150	6.4
SI L18E 1250N		16	14.0	774	930	1.7
SI L18E 1275N		<5	2.6	279	356	0.4
SI L18E 1300N		<5	2.8	250	302	0.2
SI L18E 1325N		<5	2.0	261	208	0.5
SI L18E 1350N		<5	1.5	121	107	0.3
SI L18E 1375N		15	1.8	104	73	0.3
SI L18E 1400N		<5	1.3	71	46	0.2
SI L20E 950S		<5	1.0	11	22	2.2
SI L20E 925S		<5	0.9	8	18	<0.1
SI L20E 900S		<5	0.8	6	19	<0.1
SI L20E 875S		<5	0.8	8	18	<0.1
SI L20E 850S		6	0.7	8	21	<0.1
SI L20E 825S		<5	0.5	5	18	<0.1
SI L20E 800S		<5	0.8	9	33	<0.1
SI L20E 775S		<5	0.8	7	20	0.1
SI L20E 750S		<5	0.7	8	24	<0.1
SI L20E 725S		<5	0.6	5	16	<0.1
SI L20E 700S		<5	0.8	10	14	<0.1
SI L20E 675S		<5	0.8	8	14	<0.1
SI L20E 650S		<5	0.7	8	15	0.1
SI L20E 625S		<5	0.7	6	17	<0.1
SI L20E 600S		9	1.0	9	15	<0.1
SI L20E 575S		<5	1.1	8	31	<0.1
SI L20E 550S		<5	1.2	7	290	0.4
SI L20E 525S		<5	0.8	6	21	0.1



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SAMPLE NUMBER	ELEMENT UNITS	AU PPR	Sb PPM	As PPM	Pb PPM	Ag PPM
S1 L20E 500S		<5	0.7	6	19	0.1
S1 L20E 475S		6	0.8	6	31	0.1
S1 L20E 450S		<5	0.7	8	28	<0.1
S1 L20E 425S		8	0.7	8	30	<0.1
S1 L20E 400S		6	0.7	5	27	0.2
S1 L20E 375S		<5	0.8	8	17	<0.1
S1 L20E 350S		8	0.6	7	21	<0.1
S1 L20E 325S		<5	1.0	9	26	<0.1
S1 L20E 300S		<5	0.6	7	16	0.1
S1 L20E 275S		<5	0.7	7	20	<0.1
S1 L20E 250S		11	0.8	11	26	0.1
S1 L20E 225S		7	0.5	5	13	<0.1
S1 L20E 200S		<5	0.7	17	21	0.1
S1 L20E 175S		<5	1.0	16	28	0.2
S1 L20E 150S		7	0.8	18	31	0.1
S1 L20E 125S		11	0.8	14	22	<0.1
S1 L20E 100S		10	0.9	27	30	<0.1
S1 L20E 75S		<5	0.8	49	31	0.1
S1 L20E 50S		<5	0.8	48	34	0.2
S1 L20E 25S		<5	0.6	11	19	0.2
S1 L20E 000BL		<5	0.9	54	64	0.2
S1 L20E 25N		<5	0.9	30	42	0.1
S1 L20E 50N		<5	0.7	24	33	1.2
S1 L20E 75N		<5	0.9	36	43	0.4
S1 L20E 100N		<5	1.2	53	90	0.4
S1 L20E 125N		<5	1.0	36	75	0.1
S1 L20E 150N		<5	0.9	23	47	<0.1
S1 L20E 175N		11	0.9	19	28	<0.1
S1 L20E 200N		<5	0.8	44	68	0.1
S1 L20E 225N		<5	0.8	23	40	<0.1
S1 L20E 250N		<5	1.0	15	48	0.1
S1 L20E 275N		7	1.0	15	45	<0.1
S1 L20E 300N		20	1.0	57	313	0.3
S1 L20E 325N		<5	0.7	12	21	<0.1
S1 L20E 350N		6	0.8	22	31	<0.1
S1 L20E 375N		9	1.0	20	28	<0.1
S1 L20E 400N		<5	1.1	42	74	<0.1
S1 L20E 425N		<5	1.7	128	208	0.2
S1 L20E 450N		<5	1.2	45	56	<0.1
S1 L20E 475N		11	1.2	35	45	0.1



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Pb PPM	Ag PPM
SI L20E 500N		8	1.2	29	21	<0.1
SI L20E 525N		<5	0.8	19	13	<0.1
SI L20E 550N		<5	0.8	15	15	<0.1
SI L20E 575N		<5	0.7	19	19	<0.1
SI L20E 600N		8	0.8	43	43	0.1
SI L20E 625N		<5	0.5	15	23	0.2
SI L20E 650N		<5	0.5	3	9	<0.1
SI L20E 675N		21	0.9	24	38	0.2
SI L20E 700N		15	0.9	14	17	<0.1
SI L20E 725N		<5	0.9	62	51	0.1
SI L20E 750N		<5	1.3	226	51	<0.1
SI L20E 775N		7	1.0	29	16	0.1
SI L20E 800N		<5	1.0	65	37	<0.1
SI L20E 825N		<5	1.1	101	65	0.1
SI L20E 850N		12	1.5	57	114	0.6
SI L20E 875N		13	1.4	33	58	0.1
SI L20E 900N		<5	1.2	24	44	<0.1
SI L20E 925N		<5	1.2	48	50	0.3
SI L20E 950N		<5	1.2	42	75	0.2
SI L20E 975N		<5	0.8	11	27	0.1
SI L20E 1000N		<5	0.8	26	44	0.2
SI L20E 1025N		<5	0.7	11	29	<0.1
SI L20E 1050N		<5	1.2	71	61	0.3
SI L20E 1075N		<5	1.3	67	106	0.6
SI L20E 1100N		<5	1.7	162	111	0.1
SI L20E 1125N		<5	1.4	168	72	0.9
SI L20E 1150N		<5	1.3	124	88	0.4
SI L20E 1175N		<5	1.1	67	43	<0.1
SI L20E 1200N		<5	1.6	140	131	0.4
SI L20E 1225N		<5	1.3	62	57	0.2
SI L20E 1250N		9	4.5	327	388	1.0
SI L20E 1275N		<5	5.4	173	225	1.0
SI L20E 1300N		<5	7.0	638	552	5.7
SI L20E 1325N		<5	5.0	357	337	1.3
SI L20E 1350N		<5	5.3	205	215	0.4
SI L20E 1375N		<5	7.1	246	234	0.5
SI L20E 1400N		<5	3.1	184	224	0.9
SI L20E 1425N		12	6.4	373	585	1.7
SI L20E 1450N		<5	3.0	179	93	0.2
SI L20E 1475N		<5	1.6	99	43	0.2



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SAMPLE NUMBER	ELEMENT UNITS	Au PPR	Sb PPM	As PPM	Pb PPM	Ag PPM
S1 L20E 1500N		<5	4.9	223	134	0.1
S1 L20E 1525N		7	2.1	127	98	0.2
S1 L20E 1550N		<5	4.6	345	180	0.6
S1 L20E 1575N		<5	4.7	301	144	0.4
S1 L20E 1600N		<5	1.0	32	23	<0.1
S1 L20E 1625N		8	5.4	212	130	0.2
S1 L20E 1650N		11	3.2	147	104	0.1
S1 L20E 1675N		11	2.0	101	56	0.2
S1 L20E 1700N		<5	2.2	126	93	0.3
S1 L22E 1100S		5	1.1	11	18	<0.1
S1 L22E 1075S		8	0.9	6	11	<0.1
S1 L22E 1050S		10	1.2	9	22	0.3
S1 L22E 1025S		<5	0.6	3	3	<0.1
S1 L22E 1000S		<5	0.5	3	7	<0.1
S1 L22E 975S		<5	0.5	3	9	0.1
S1 L22E 950S		<5	0.5	2	5	<0.1
S1 L22E 925S		<5	0.9	9	17	0.1
S1 L22E 900S		6	0.6	4	12	0.1
S1 L22E 875S		<5	0.8	7	15	<0.1
S1 L22E 850S		5	1.0	8	18	0.2
S1 L22E 825S		6	0.9	7	10	<0.1
S1 L22E 800S		<5	0.8	7	15	<0.1
S1 L22E 775S		8	0.9	8	14	0.1
S1 L22E 750S		<5	0.9	5	15	0.1
S1 L22E 725S		<5	0.8	8	20	0.1
S1 L22E 700S		<5	0.8	6	16	<0.1
S1 L22E 675S		<5	0.8	4	18	0.2
S1 L22E 650S		10	0.8	6	18	<0.1
S1 L22E 625S		5	0.9	7	17	<0.1
S1 L22E 600S		10	0.9	7	22	0.1
S1 L22E 575S		5	0.9	7	23	0.1
S1 L22E 550S		<5	0.8	5	26	0.2
S1 L22E 525S		<5	0.7	5	25	<0.1
S1 L22E 500S		6	0.8	7	14	0.2
S1 L22E 475S		13	0.7	6	17	0.1
S1 L22E 450S		12	0.7	7	16	<0.1
S1 L22E 425S		16	0.8	6	16	<0.1
S1 L22E 400S		8	0.8	8	18	0.1
S1 L22E 375S		9	1.0	10	33	0.1
S1 L22E 350S		11	2.5	18	40	0.1



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Pb PPM	Ag PPM
S1 L22E 325S		<5	0.9	6	27	0.2
S1 L22E 300S		12	0.7	5	25	0.2
S1 L22E 275S		13	0.7	6	18	0.4
S1 L22E 250S		14	0.8	12	20	0.1
S1 L22E 225S		7	0.9	38	32	0.2
S1 L22E 200S		5	0.9	53	52	0.9
S1 L22E 175S		<5	0.9	41	55	0.5
S1 L22E 150S		11	1.0	72	46	0.3
S1 L22E 125S		14	0.9	12	33	0.1
S1 L22E 100S		13	0.6	5	15	0.1
S1 L22E 75S		10	0.5	6	11	0.1
S1 L22E 50S		8	1.0	27	53	0.2
S1 L22E 25S		11	1.6	67	97	0.2
S1 L22E 000BL		9	1.0	24	47	0.1
S1 L22E 25N		6	1.2	35	39	<0.1
S1 L22E 50N		5	1.0	26	34	0.1
S1 L22E 75N		<5	0.9	29	38	<0.1
S1 L22E 100N		<5	1.0	30	38	<0.1
S1 L22E 125N		7	1.2	44	48	0.2
S1 L22E 150N		8	1.0	65	62	0.3
S1 L22E 175N		11	0.6	11	32	0.1
S1 L22E 200N		7	0.9	18	47	<0.1
S1 L22E 225N		10	1.1	67	151	0.4
S1 L22E 250N		<5	1.0	55	94	0.1
S1 L22E 275N		6	1.0	54	50	<0.1
S1 L22E 300N		<5	1.1	13	20	<0.1
S1 L22E 325N		<5	0.9	34	58	<0.1
S1 L22E 350N		<5	1.8	57	58	0.2
S1 L22E 375N		<5	1.3	68	31	<0.1
S1 L22E 400N		<5	0.9	18	21	<0.1
S1 L22E 425N		6	1.3	39	56	<0.1
S1 L22E 450N		<5	0.9	15	27	<0.1
S1 L22E 475N		9	0.7	3	3	<0.1
S1 L22E 500N		11	0.9	18	16	<0.1
S1 L22E 525N		7	1.3	31	21	<0.1
S1 L22E 550N		6	1.1	55	39	0.1
S1 L22E 575N		14	1.0	21	25	<0.1
S1 L22E 600N		<5	1.0	31	39	0.2
S1 L22E 625N		<5	1.4	34	50	0.3
S1 L22E 650N		<5	1.1	33	29	0.1



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Pb PPM	Ag PPM
SI L22E 675N		12	1.0	44	38	0.1
SI L22E 700N		10	0.8	32	33	0.3
SI L22E 725N		6	0.9	32	35	0.2
SI L22E 750N		10	1.0	68	58	0.2
SI L22E 775N		11	1.0	44	56	0.3
SI L22E 800N		5	0.9	66	58	0.2
SI L22E 825N		6	0.9	51	60	0.3
SI L22E 850N		<5	0.9	50	58	0.3
SI L22E 875N		<5	1.0	16	34	0.2
SI L22E 900N		<5	0.7	14	30	<0.1
SI L22E 925N		6	0.7	22	27	<0.1
SI L22E 950N		<5	0.8	57	41	0.3
SI L22E 975N		<5	0.9	86	39	0.2
SI L22E 1000N		<5	1.0	87	36	<0.1
SI L22E 1025N		8	1.2	64	32	<0.1
SI L22E 1050N		<5	1.3	39	63	0.1
SI L22E 1075N		10	1.1	38	44	<0.1
SI L22E 1100N		<5	0.8	20	27	0.1
SI L22E 1125N		<5	0.8	22	32	<0.1
SI L22E 1150N		<5	0.7	18	22	0.2
SI L22E 1175N		<5	0.9	41	54	0.3
SI L22E 1200N		<5	1.1	41	27	0.1
SI L22E 1225N		13	1.7	110	127	0.2
SI L22E 1250N		<5	2.0	162	198	1.3
SI L22E 1275N		6	3.2	200	191	0.3
SI L22E 1300N		<5	4.8	181	209	0.4
SI L22E 1325N		10	5.4	252	324	0.6
SI L22E 1350N		11	4.2	326	205	0.8
SI L22E 1375N		<5	4.8	281	188	0.5
SI L22E 1400N		8	3.2	90	91	0.4
SI L22E 1425N		13	7.1	217	238	0.5
SI L22E 1450N		7	1.5	25	31	0.4
SI L22E 1475N		18	8.6	325	264	0.4
SI L22E 1500N		9	5.0	114	193	0.8
SI L22E 1525N		<5	2.3	91	98	0.2
SI L22E 1550N		<5	2.5	100	90	0.3
SI L22E 1575N		6	2.0	66	41	0.3
SI L22E 1600N		13	1.5	50	29	0.1
SI L22E 1625N		12	1.9	107	70	0.1
SI L22E 1650N		9	0.7	28	18	0.1



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SAMPLE NUMBER	ELEMENT UNITS	Au PPM	Sb PPM	As PPM	Pb PPM	Ag PPM
SI L22E 1675N		8	1.7	132	60	0.2
SI L22E 1700N		9	0.6	15	8	0.3
SI L22E 1725N		9	3.1	213	131	0.3
SI L22E 1750N		14	1.4	77	53	0.5
SI L22E 1775N		<5	0.7	10	8	0.2
SI L22E 1800N		18	2.1	128	62	0.4
SI L22E 1825N		29	1.5	79	50	0.4
SI L22E 1850N		10	2.2	105	87	0.9
SI L22E 1875N		<5	1.9	86	71	1.0
SI L22E 1900N		6	1.5	36	45	0.2
SI L22E 1925N		17	4.4	90	96	3.6
SI L22E 1950N		18	3.0	73	65	1.8
SI L22E 1975N		8	0.6	4	3	0.7
SI L22E 2000N		<5	1.2	6	10	0.7
SI L24E 1000S		9	0.9	7	26	0.4
SI L24E 975S		6	0.6	4	14	0.2
SI L24E 950S		<5	0.7	6	13	0.2
SI L24E 925S		<5	0.8	7	18	0.3
SI L24E 900S		6	0.9	9	24	0.2
SI L24E 875S		<5	0.8	7	19	0.2
SI L24E 850S		<5	0.8	6	13	0.2
SI L24E 825S		9	0.5	5	11	0.2
SI L24E 800S		<5	0.7	7	11	0.2
SI L24E 775S		<5	0.8	7	11	<0.1
SI L24E 750S		14	0.9	7	20	0.1
SI L24E 725S		25	0.7	6	28	0.1
SI L24E 700S		<5	0.8	7	14	0.1
SI L24E 675S		<5	0.8	8	11	0.1
SI L24E 650S		10	0.9	11	12	0.1
SI L24E 625S		<5	0.6	7	11	0.2
SI L24E 600S		<5	0.9	8	17	0.3
SI L24E 575S		<5	0.9	7	25	0.2
SI L24E 550S		9	0.9	7	17	0.1
SI L24E 525S		<5	1.3	9	41	0.6
SI L24E 500S		7	1.0	9	30	0.4
SI L24E 475S		7	0.8	8	21	0.2
SI L24E 450S		6	0.9	9	13	0.2
SI L24E 425S		<5	0.9	7	19	0.1
SI L24E 400S		7	0.9	9	15	<0.1
SI L24E 375S		14	1.0	9	10	<0.1



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SAMPLE NUMBER	ELEMENT UNITS	Au PPE	Sb PPM	As PPM	Pb PPM	Ag PPM
S1 L24E 350S		10	15.0	52	26	<0.1
S1 L24E 325S		<5	1.0	19	44	0.4
S1 L24E 300S		6	1.1	58	37	0.6
S1 L24E 275S		<5	1.0	43	30	0.2
S1 L24E 250S		<5	1.6	94	48	1.2
S1 L24E 225S		<5	2.0	64	32	<0.1
S1 L24E 200S		6	1.0	52	28	0.2
S1 L24E 175S		<5	1.2	52	28	0.1
S1 L24E 150S		<5	0.8	46	27	0.3
S1 L24E 125S		9	0.9	41	34	0.1
S1 L24E 100S		16	0.7	12	15	0.3
S1 L24E 75S		6	0.9	34	25	0.3
S1 L24E 50S		7	1.2	55	33	<0.1
S1 L24E 25S		<5	0.9	29	36	0.1
S1 L24E 000BL		8	1.3	66	42	0.2
S1 L24E 25N		<5	1.2	77	83	0.4
S1 L24E 50N		<5	1.2	44	57	0.1
S1 L24E 75N		11	0.9	19	75	0.5
S1 L24E 100N		<5	1.0	22	31	0.1
S1 L24E 125N		<5	1.1	38	54	0.1
S1 L24E 150N		9	1.1	35	55	0.1
S1 L24E 175N		5	1.0	31	41	0.1
S1 L24E 200N		<5	1.1	37	43	0.2
S1 L24E 225N		<5	1.1	10	16	0.2
S1 L24E 250N		<5	1.1	12	40	<0.1
S1 L24E 275N		<5	0.9	11	18	<0.1
S1 L24E 300N		<5	1.0	10	12	0.1
S1 L24E 325N		<5	0.9	9	15	<0.1
S1 L24E 350N		<5	0.9	12	112	0.2
S1 L24E 375N		<5	1.8	117	65	0.2
S1 L24E 400N		5	1.1	24	133	0.2
S1 L24E 425N		<5	1.3	23	39	<0.1
S1 L24E 450N		<5	0.9	17	44	0.1
S1 L24E 475N		<5	1.0	24	23	<0.1
S1 L24E 500N		<5	0.9	27	16	<0.1
S1 L24E 525N		<5	0.8	10	11	<0.1
S1 L24E 550N		<5	0.8	58	35	<0.1
S1 L24E 575N		<5	0.9	80	26	0.2
S1 L24E 600N		<5	1.0	67	24	0.2
S1 L24E 625N		7	1.0	49	21	0.1



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Pb PPM	Ag PPM
S1 L24E 650N		<5	1.0	22	18	<0.1
S1 L24E 675N		<5	0.7	17	23	0.3
S1 L24E 700N		9	0.7	13	19	0.1
S1 L24E 725N		10	0.8	22	28	0.2
S1 L24E 750N		8	0.7	13	26	0.3
S1 L24E 775N		<5	0.8	16	26	0.2
S1 L24E 800N		<5	0.7	13	24	0.3
S1 L24E 825N		<5	1.0	25	38	0.5
S1 L24E 850N		6	1.0	27	40	0.2
S1 L24E 875N		8	0.8	24	35	0.1
S1 L24E 900N		<5	1.1	33	43	0.2
S1 L24E 925N		6	1.2	40	41	<0.1
S1 L24E 950N		<5	1.0	31	40	0.1
S1 L24E 975N		10	1.0	35	31	0.2
S1 L24E 1000N		<5	0.6	12	15	0.2
S1 L24E 1025N		<5	0.9	37	38	0.2
S1 L24E 1050N		<5	0.7	25	37	0.3
S1 L24E 1075N		<5	1.0	39	42	0.2
S1 L24E 1100N		10	1.1	53	52	0.5
S1 L24E 1125N		<5	0.9	31	49	0.1
S1 L24E 1150N		<5	0.9	17	21	<0.1
S1 L24E 1175N		9	0.7	27	31	<0.1
S1 L24E 1200N		9	0.8	24	28	0.1
S1 L24E 1250N		13	0.9	33	43	0.2
S1 L24E 1275N		5	0.9	30	33	0.2
S1 L24E 1300N		12	0.7	13	20	0.2
S1 L24E 1325N		10	1.3	63	62	0.3
S1 L24E 1350N		<5	2.0	80	78	0.3
S1 L24E 1375N		7	1.5	66	50	0.3
S1 L24E 1400N		<5	2.5	161	113	0.7
S1 L24E 1425N		31	1.6	32	52	3.7
S1 L24E 1450N		<5	0.8	28	30	0.5
S1 L24E 1475N		<5	6.7	329	224	1.4
S1 L24E 1500N		<5	4.0	122	104	2.8
S1 L24E 1525N		<5	4.3	114	90	0.7
S1 L24E 1550N		<5	5.4	173	145	1.5
S1 L24E 1575N		14	7.2	138	174	1.1
S1 L24E 1600N		9	5.5	197	184	5.3
S1 L24E 1625N		20	4.5	185	178	1.4
S1 L24E 1650N		<5	10.0	260	268	1.4

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Pb PPM	Ag PPM
SI L24E 1675N		12	6.6	59	43	0.3
SI L24E 1700N		5	2.1	58	31	0.3
SI L24E 1725N		15	2.7	129	91	0.5
SI L24E 1750N		<5	2.4	143	116	0.4
SI L24E 1775N		11	2.4	118	92	0.6
SI L24E 1800N		<5	0.6	6	5	0.1
SI L24E 1825N		7	1.3	59	50	0.8
SI L24E 1850A		<5	0.7	8	10	0.1
SI L24E 1850B		17	0.9	10	24	0.6
SI L24E 1875N		15	4.6	281	194	1.3
SI L24E 1900N		<5	2.3	96	82	0.5
SI L24E 1925N		<5	0.6	5	7	0.5
SI L24E 1950N		<5	2.0	48	64	0.3
SI L24E 1975N		<5	0.7	5	8	0.1
SI L24E 2000N		<5	1.4	56	88	1.1
SI L24E 2025N		15	0.7	16	13	0.3
SI L24E 2050N		<5	0.7	5	9	0.1
SI L24E 2075N		<5	1.9	45	68	1.4
SI L24E 2100N		<5	2.1	39	78	1.7
SI L26E 650S		<5	0.9	14	26	0.1
SI L26E 625S		7	0.8	11	16	0.1
SI L26E 600S		7	0.8	11	17	0.2
SI L26E 575S		<5	0.5	3	3	0.1
SI L26E 550S		7	1.8	9	12	0.1
SI L26E 525S		<5	1.2	30	52	0.4
SI L26E 500S		<5	0.8	12	20	0.2
SI L26E 475S		<5	1.0	66	30	0.4
SI L26E 450S		<5	1.3	127	30	0.4
SI L26E 425S		<5	1.0	32	23	0.2
SI L26E 400S		10	0.9	25	16	0.2
SI L26E 375S		<5	0.5	10	10	<0.1
SI L26E 350S		<5	1.2	45	21	0.2
SI L26E 325S		<5	0.6	11	9	0.3
SI L26E 300S		<5	1.0	20	20	0.2
SI L26E 275S		<5	1.4	37	21	0.3
SI L26E 250S		<5	0.9	15	14	0.1
SI L26E 225S		9	1.5	27	21	0.3
SI L26E 200S		16	1.0	17	17	0.2
SI L26E 175S		11	0.7	7	10	0.2
SI L26E 150S		<5	0.5	4	8	0.1



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Pb PPM	Ag PPM
S1 L26E 125S		<5	0.6	4	3	0.2
S1 L26E 100S		<5	2.1	70	40	0.2
S1 L26E 75S		<5	0.6	6	8	0.1
S1 L26E 50S		<5	0.8	10	12	0.2
S1 L26E 25S		<5	1.1	31	27	0.2
S1 L26E 000BL		<5	1.6	36	23	0.1
S1 L26E 25N		<5	1.4	38	39	0.1
S1 L26E 50N		<5	0.7	18	16	0.2
S1 L26E 75N		<5	1.2	40	22	0.1
S1 L26E 100N		<5	1.3	48	46	0.1
S1 L26E 125N		8	1.3	28	36	0.1
S1 L26E 150N		12	1.0	31	29	0.1
S1 L26E 175N		<5	1.1	23	22	0.2
S1 L26E 200N		10	1.2	20	15	0.3
S1 L26E 225N		7	2.1	81	55	0.3
S1 L26E 250N		<5	1.0	31	13	0.1
S1 L26E 275N		<5	1.4	108	33	0.1
S1 L26E 300N		9	1.3	56	18	<0.1
S1 L26E 325N		34	13.0	1180	435	6.6
S1 L26E 350N		<5	2.1	239	32	0.3
S1 L26E 375N		<5	3.7	630	169	1.0
S1 L26E 400N		<5	1.5	281	29	<0.1
S1 L26E 425N		<5	1.3	143	33	0.1
S1 L26E 450N		<5	1.3	115	24	<0.1
S1 L26E 475N		<5	1.4	138	35	0.2
S1 L26E 500N		<5	1.5	177	33	0.1
S1 L26E 525N		9	1.3	146	33	0.1
S1 L26E 550N		7	1.1	82	25	0.1
S1 L26E 575N		11	1.2	84	21	<0.1
S1 L26E 600N		<5	1.2	87	23	0.2
S1 L26E 625N		<5	1.1	85	26	0.2
S1 L26E 650N		29	1.2	57	23	<0.1
S1 L26E 675N		<5	1.1	53	16	<0.1
S1 L26E 700N		10	1.0	55	19	0.1
S1 L26E 725N		<5	1.0	48	22	0.3
S1 L26E 750N		<5	1.6	74	36	0.2
S1 L26E 775N		<5	1.1	53	21	<0.1
S1 L26E 800N		<5	1.0	34	20	<0.1
S1 L26E 825N		<5	1.0	41	27	0.1
S1 L26E 850N		<5	1.1	34	22	0.2



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SAMPLE NUMBER	ELEMENT UNITS	Au PPM	Sb PPM	As PPM	Pb PPM	Ag PPM
S1 L26E 875N		<5	0.9	34	23	0.2
S1 L26E 900N		<5	0.8	40	27	0.2
S1 L26E 925N		<5	0.8	27	25	0.2
S1 L26E 950N		<5	0.9	28	24	0.1
S1 L26E 975N		<5	0.7	31	24	<0.1
S1 L26E 1000N		<5	1.0	38	32	0.2
S1 L26E 1025N		<5	0.8	25	30	0.1
S1 L26E 1050N		<5	0.9	28	23	<0.1
S1 L26E 1075N		<5	0.9	31	37	0.2
S1 L26E 1100N		7	0.9	26	22	<0.1
S1 L26E 1125N		7	0.7	24	23	<0.1
S1 L26E 1150N		8	0.9	25	24	0.1
S1 L26E 1175N		13	0.9	27	25	0.1
S1 L26E 1200N		<5	0.8	41	36	0.1
S1 L26E 1225N		<5	0.9	26	29	<0.1
S1 L26E 1250N		<5	0.9	25	28	0.1
S1 L26E 1275N		<5	0.8	23	24	0.1
S1 L26E 1300N		10	0.7	20	17	<0.1
S1 L26E 1325N		6	0.6	4	8	<0.1
S1 L26E 1350N		5	1.1	32	23	<0.1
S1 L26E 1375N		6	1.0	39	33	<0.1
S1 L26E 1400N		<5	1.4	47	35	0.2
S1 L26E 1425N		5	0.8	9	27	<0.1
S1 L26E 1450N		<5	1.1	32	43	0.6
S1 L26E 1475N		<5	1.5	46	48	0.8
S1 L26E 1500N		20	8.5	495	207	4.6
S1 L26E 1525N		<5	5.7	213	123	0.7
S1 L26E 1550N		<5	8.6	307	146	2.7
S1 L26E 1575N		6	1.9	59	188	3.6
S1 L26E 1600N		<5	11.0	441	328	2.3
S1 L26E 1625N		<5	17.0	400	492	2.4
S1 L26E 1650N		11	7.1	344	194	1.0
S1 L26E 1675N		11	4.1	253	139	1.5
S1 L26E 1700N		<5	2.5	112	72	0.8
S1 L26E 1725N		<5	2.1	52	49	0.4
S1 L26E 1750N		11	1.6	76	85	0.5
S1 L26E 1775N		9	1.6	84	66	0.9
S1 L26E 1800N		11	2.4	250	135	1.1
S1 L26E 1825N		<5	0.5	5	5	0.4
S1 L26E 1850N		17	0.7	12	20	0.6



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SAMPLE NUMBER	ELEMENT UNITS	Au PPM	Sb PPM	As PPM	Pb PPM	Ag PPM
SI L26E 1875N		8	0.5	4	2	0.3
SI L26E 1900N		<5	1.7	117	126	1.8
SI L26E 1925N		8	2.5	80	65	1.0
SI L26E 1950N		17	1.8	73	52	1.2
SI L26E 1975N		<5	1.3	45	34	0.6
SI L26E 2000N		7	2.1	51	46	0.3
SI L28E 350S		<5	1.9	89	64	0.7
SI L28E 325S		<5	2.4	148	97	1.2
SI L28E 300S		<5	1.4	52	45	0.7
SI L28E 275S		10	5.8	250	260	1.3
SI L28E 250S		<5	8.5	220	699	5.5
SI L28E 225S		<5	0.7	6	17	0.5
SI L28E 200S		<5	1.2	22	25	0.1
SI L28E 175S		<5	0.7	5	9	0.3
SI L28E 150S		<5	2.1	70	50	<0.1
SI L28E 125S		6	1.3	25	29	0.4
SI L28E 100S		15	1.6	44	46	0.2
SI L28E 75S		21	0.9	15	15	0.2
SI L28E 50S		<5	1.0	12	15	0.2
SI L28E 25S		7	1.0	10	14	0.2
SI L28E 000BL		<5	1.2	23	20	0.1
SI L28E 25N		6	1.0	13	15	0.1
SI L28E 50N		13	1.0	11	14	0.1
SI L28E 75N		<5	1.1	12	14	<0.1
SI L28E 100N		<5	1.1	11	10	<0.1
SI L28E 125N		<5	1.1	10	11	<0.1
SI L28E 150N		10	1.0	12	10	<0.1
SI L28E 175N		<5	0.6	3	4	<0.1
SI L28E 200N		<5	2.6	28	26	<0.1
SI L28E 225N		13	1.1	12	9	<0.1
SI L28E 250N		8	3.0	62	29	0.2
SI L28E 275N		<5	1.1	12	13	<0.1
SI L28E 325N		<5	1.2	12	16	<0.1
SI L28E 350N		<5	4.3	35	25	0.1
SI L28E 375N		8	3.0	35	24	0.4
SI L28E 400N		12	2.2	23	16	0.1
SI L28E 425N		14	1.8	49	20	0.1
SI L28E 450N		<5	3.5	88	48	0.1
SI L28E 475N		37	440.0	2580	1450	4.5
SI L28E 500N		<5	5.5	159	40	0.2



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Pb PPM	Ag PPM
S1 L28E 525N		<5	3.9	144	32	0.2
S1 L28E 550N		15	3.3	134	33	0.3
S1 L28E 575N		12	3.5	188	35	0.2
S1 L28E 600N		15	2.1	139	33	0.2
S1 L28E 625N		<5	2.7	132	31	<0.1
S1 L28E 650N		12	2.8	160	40	0.1
S1 L28E 675N		14	2.6	113	28	0.3
S1 L28E 700N		<5	2.1	106	30	0.1
S1 L28E 725N		<5	1.6	76	24	0.2
S1 L28E 750N		17	1.8	92	32	0.1
S1 L28E 775N		<5	1.6	65	30	0.2
S1 L28E 800N		<5	1.8	55	28	0.1
S1 L28E 825N		<5	1.5	53	31	0.3
S1 L28E 850N		<5	0.6	5	5	0.2
S1 L28E 875N		<5	1.6	67	40	0.4
S1 L28E 900N		<5	1.4	45	33	0.2
S1 L28E 925N		<5	0.5	7	10	0.1
S1 L28E 950N		8	1.4	42	35	0.1
S1 L28E 975N		7	0.7	12	13	0.4
S1 L28E 1000N		<5	1.0	18	18	0.2
S1 L28E 1025N		14	1.2	21	20	0.1
S1 L28E 1050N		<5	0.6	4	6	0.1
S1 L28E 1075N		<5	1.2	24	19	0.1
S1 L28E 1100N		<5	0.8	15	15	<0.1
S1 L28E 1125N		<5	0.9	17	15	<0.1
S1 L28E 1150N		<5	0.8	13	21	0.2
S1 L28E 1175N		<5	1.1	17	15	0.1
S1 L28E 1200N		13	0.8	16	24	0.1
S1 L28E 1225N		<5	0.9	12	17	0.2
S1 L28E 1250N		<5	0.9	11	15	0.1
S1 L28E 1275N		9	0.9	29	19	0.3
S1 L28E 1300N		<5	0.9	16	19	<0.1
S1 L28E 1325N		<5	0.8	14	17	0.2
S1 L28E 1350N		<5	1.8	33	40	0.5
S1 L28E 1375N		<5	0.7	4	10	0.2
S1 L28E 1400N		6	1.6	39	30	0.1
S1 L28E 1425N		<5	0.8	22	22	0.1
S1 L28E 1450N		<5	1.3	88	21	<0.1
S1 L28E 1475N		<5	2.1	46	59	0.7
S1 L28E 1500N		<5	2.5	47	66	1.0



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Pb PPM	Ag PPM
S1 L28E 1525N		<5	3.2	62	53	1.0
S1 L28E 1550N		<5	1.9	50	48	0.7
S1 L28E 1575N		<5	4.7	126	128	0.8
S1 L28E 1600N		<5	3.0	59	55	1.2
S1 L28E 1625N		<5	3.0	47	61	0.9
S1 L28E 1650N		8	3.9	66	83	1.3
S1 L28E 1675N		<5	2.3	96	75	2.1
S1 L28E 1700N		<5	1.7	29	43	0.7
S1 L28E 1725N		<5	2.6	55	55	0.7
S1 L28E 1750N		<5	1.8	68	49	0.7
S1 L28E 1775N		18	1.2	42	36	0.5
S1 L28E 1800N		<5	1.4	57	37	0.4
S1 L30E 000BL		<5	2.6	108	57	0.4
S1 L30E 25N		<5	3.2	135	76	0.5
S1 L30E 50N		13	4.9	232	95	0.7
S1 L30E 75N		10	5.2	238	116	0.5
S1 L30E 100N		7	1.5	38	31	0.5
S1 L30E 125N		<5	6.6	384	180	1.7
S1 L30E 150N		<5	2.1	78	39	0.2
S1 L30E 175N		<5	1.2	15	15	0.1
S1 L30E 200N		<5	1.5	29	19	<0.1
S1 L30E 225N		<5	1.8	54	30	0.7
S1 L30E 250N		<5	3.2	100	53	0.6
S1 L30E 275N		8	5.9	112	50	0.4
S1 L30E 300N		7	3.4	80	51	0.4
S1 L30E 325N		16	1.9	65	56	0.9
S1 L30E 350N		<5	3.2	65	55	0.3
S1 L30E 375N		<5	5.3	89	90	0.6
S1 L30E 400N		<5	15.0	219	260	2.5
S1 L30E 425N		10	10.0	161	210	1.6
S1 L30E 450N		<5	6.6	106	134	0.9
S1 L30E 475N		<5	5.5	91	101	0.7
S1 L30E 500N		<5	3.2	62	67	0.6
S1 L30E 525N		<5	3.0	53	49	0.2
S1 L30E 550N		<5	3.3	59	61	0.6
S1 L30E 575N		<5	3.1	61	60	0.5
S1 L30E 600N		<5	3.2	48	54	0.6
S1 L30E 625N		<5	2.6	42	50	0.5
S1 L30E 650N		<5	2.4	40	41	0.5
S1 L30E 675N		<5	2.3	47	46	0.3



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SAMPLE NUMBER	ELEMENT UNITS	Au PPM	Sb PPM	As PPM	Pb PPM	Ag PPM
SI L30E 700N		16	2.0	65	66	0.4
SI L30E 725N		<5	1.8	58	107	0.6
SI L30E 750N		<5	2.4	77	222	1.2
SI L30E 775N		<5	2.8	93	245	1.5
SI L30E 800N		<5	3.0	69	229	0.8
SI L30E 825N		6	2.4	56	100	0.3
SI L30E 850N		<5	2.1	57	101	0.7
SI L30E 875N		<5	1.1	22	40	0.6
SI L30E 900N		<5	3.9	105	117	0.6
SI L30E 925N		<5	3.6	145	81	0.7
SI L30E 950N		11	3.9	145	62	0.6
SI L30E 975N		<5	4.0	125	56	0.9
SI L30E 1000N		<5	3.1	78	60	0.7
SI L30E 1025N		6	1.5	27	31	0.7
SI L30E 1050N		<5	2.8	49	69	0.8
SI L30E 1075N		<5	2.3	44	59	0.7
SI L30E 1100N		<5	12.0	223	182	1.8
SI L30E 1125N		<5	0.8	5	5	0.4
SI L30E 1150N		<5	0.6	4	6	1.1
SI L30E 1175N		<5	3.1	41	101	1.0
SI L30E 1200N		<5	9.3	113	119	2.7
SI L30E 1225N		12	9.2	126	150	2.5
SI L30E 1250N		<5	6.4	177	149	1.7
SI L30E 1275N		<5	5.5	91	124	3.3
SI L30E 1300N		<5	8.0	126	167	2.4
SI L30E 1325N		<5	12.0	223	263	2.6
SI L30E 1350N		<5	31.6	348	730	5.0
SI L30E 1375N		<5	14.0	204	290	2.7
SI L30E 1400N		<5	12.0	168	199	1.9
SI L30E 1425N		8	8.6	128	154	1.4
SI L30E 1450N		<5	7.7	100	90	1.7
SI L30E 1475N		<5	8.1	128	125	1.6
SI L30E 1500N		<5	4.0	55	79	1.3
SI L30E 1525N		<5	3.3	37	49	0.4
SI L30E 1550N		<5	12.0	326	338	3.0
SI L30E 1575N		11	10.0	275	146	1.2
SI L30E 1600N		<5	7.1	196	344	1.3
SI L30E 1625N		90	37.6	3160	3200	20.1
SI L30E 1650N		<5	12.0	1180	835	14.7
SI L30E 1675N		<5	3.9	191	434	5.7



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Pb PPM	Ag PPM
S1 L30E 1700N		8	4.6	151	299	2.0
S1 L32E 000BL		9	6.8	275	250	1.9
S1 L32E 25N		11	5.7	319	250	1.6
S1 L32E 50N		8	7.4	225	231	0.8
S1 L32E 75N		<5	3.3	185	79	0.5
S1 L32E 100N		<5	2.9	113	53	0.2
S1 L32E 125N		7	7.2	98	65	0.2
S1 L32E 150N		5	2.3	66	48	0.2
S1 L32E 175N		<5	4.2	307	320	0.6
S1 L32E 200N		<5	1.2	16	19	<0.1
S1 L32E 225N		7	11.0	69	14	<0.1
S1 L32E 250N		6	5.1	61	23	<0.1
S1 L32E 275N		<5	2.9	23	23	0.1
S1 L32E 300N		8	2.1	34	24	0.1
S1 L32E 325N		13	3.0	166	54	0.3
S1 L32E 350N		<5	2.2	103	58	0.6
S1 L32E 375N		<5	2.0	52	33	<0.1
S1 L32E 400N		10	2.1	53	42	<0.1
S1 L32E 425N		9	1.1	20	23	0.2
S1 L32E 450N		12	2.4	48	101	0.5
S1 L32E 475N		9	2.8	73	182	0.3
S1 L32E 500N		7	2.9	80	240	1.2
S1 L32E 525N		6	4.1	94	302	0.8
S1 L32E 550N		<5	4.8	111	363	1.1
S1 L32E 575N		<5	5.4	106	348	1.1
S1 L32E 600N		<5	2.4	55	240	0.8
S1 L32E 625N		<5	2.1	42	165	0.5
S1 L32E 650N		<5	3.5	76	122	0.7
S1 L32E 675N		<5	2.7	44	154	0.8
S1 L32E 700N		<5	2.1	63	129	1.0
S1 L32E 725N		<5	1.9	53	82	1.3
S1 L32E 750N		7	1.5	45	58	0.7
S1 L32E 775N		<5	3.0	103	78	1.4
S1 L32E 800N		6	1.5	19	30	0.3
S1 L32E 825N		<5	1.2	17	28	0.3
S1 L32E 850N		<5	2.2	39	56	0.5
S1 L32E 875N		<5	4.2	42	113	1.1
S1 L32E 900N		<5	5.8	182	122	0.4
S1 L32E 925N		<5	1.5	47	52	0.2
S1 L32E 950N		<5	1.5	21	26	0.4

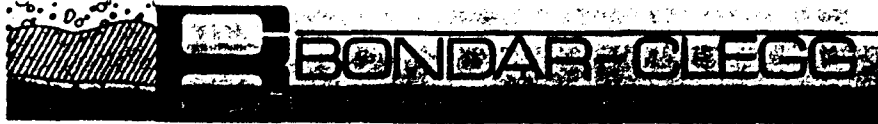


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Pb PPM	Ag PPM
S1 L32E 975N		<5	1.8	25	29	0.4
S1 L32E 1000N		<5	3.6	105	171	3.0
S1 L32E 1025N		<5	3.8	79	103	2.0
S1 L32E 1050N		<5	21.4	336	530	2.8
S1 L32E 1075N		<5	19.0	144	224	2.3
S1 L32E 1100N		<5	2.9	41	33	0.2
S1 L32E 1125N		<5	13.0	122	130	1.0
S1 L32E 1150N		<5	5.5	100	81	0.7
S1 L32E 1175N		<5	14.0	146	198	0.9
S1 L32E 1200N		12	13.0	238	200	6.1
S1 L32E 1225N		<5	10.0	186	131	2.0
S1 L32E 1250N		10	5.9	112	97	1.3
S1 L32E 1275N		16	53.3	670	1350	11.0
S1 L32E 1300N		<5	43.2	535	860	8.5
S1 L32E 1325N		<5	16.0	226	320	2.3
S1 L32E 1350N		<5	24.6	323	1000	9.0
S1 L32E 1375N		<5	9.2	150	171	2.4
S1 L32E 1400N		<5	8.0	111	103	0.9
S1 L32E 1425N		<5	15.0	190	150	1.6
S1 L32E 1450N		7	10.0	125	149	2.5
S1 L32E 1475N		<5	14.0	182	205	2.2
S1 L32E 1500N		9	11.0	157	144	2.5
S1 L34E 525N		7	4.5	176	95	0.4
S1 L34E 550N		<5	0.9	18	26	0.2
S1 L34E 575N		<5	1.2	11	35	0.3
S1 L34E 600N		<5	1.2	17	34	0.6
S1 L34E 625N		<5	1.3	26	30	0.1
S1 L34E 650N		12	1.5	53	38	0.2
S1 L34E 675N		5	2.1	50	71	0.2
S1 L34E 700N		9	1.6	61	75	0.5
S1 L34E 725N		<5	2.1	81	55	<0.1
S1 L34E 750N		<5	5.1	161	57	0.1
S1 L34E 775N		<5	1.4	12	19	<0.1
S1 L34E 800N		7	1.6	15	26	<0.1
S1 L34E 825N		<5	2.3	21	24	0.1
S1 L34E 850N		<5	3.4	82	26	0.3
S1 L34E 875N		6	2.5	43	43	0.1
S1 L34E 900N		14	2.1	23	27	<0.1
S1 L34E 925N		<5	1.7	28	17	<0.1
S1 L34E 950N		<5	1.2	13	15	<0.1



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Pb PPM	Ag PPM
S1 L34E 975N		<5	1.7	16	14	<0.1
S1 L34E 1000N		<5	0.6	5	4	<0.1
S1 L34E 1025N		<5	0.9	10	22	0.2
S1 L34E 1050N		<5	0.7	17	37	0.3
S1 L34E 1075N		13	9.1	330	147	3.6
S1 L34E 1100N		10	1.7	58	39	0.5
S1 L34E 1125N		<5	2.2	37	48	0.7
S1 L34E 1150N		<5	101.0	1590	1750	24.5
S1 L34E 1175N		<5	8.7	317	77	0.8
S1 L34E 1200N		<5	5.3	80	71	44.5
S1 L34E 1225N		110	812.0	6160	>10000	>50.0
S1 L34E 1250N		<5	66.5	461	2400	12.6
S1 L34E 1275N		<5	18.0	383	480	6.0
S1 L34E 1300N		<5	7.1	160	215	3.3
S1 L34E 1325N		<5	41.4	463	455	1.2
S1 L34E 1350N		<5	60.0	384	960	8.6
S1 L34E 1375N		<5	27.1	186	745	5.1
S1 L34E 1400N		<5	17.0	137	425	2.4
S1 BLO 1025E		10	3.6	145	205	1.3
S1 BLO 1050E		<5	1.9	46	25	0.2
S1 BLO 1075E		9	8.2	75	210	0.2
S1 BLO 1100E		<5	5.0	51	68	0.2
S1 BLO 1125E		7	2.1	54	63	0.2
S1 BLO 1150E		8	1.2	39	85	0.2
S1 BLO 1175E		7	1.8	288	220	0.7
S1 BLO 1250E		<5	1.3	26	120	0.3
S1 BLO 1300E		<5	1.0	10	10	<0.1
S1 BLO 1350E		<5	1.0	9	11	0.1
S1 BLO 1450E		<5	1.2	14	25	0.1
S1 BLO 1500E		6	0.9	11	17	0.1
S1 BLO 1550E		<5	1.1	11	17	25.5
S1 BLO 1650E		<5	0.9	10	14	0.2
S1 BLO 1700E		<5	1.0	17	25	<0.1
S1 BLO 1750E		6	0.8	13	24	0.2
S1 BLO 1850E		<5	0.6	22	31	0.4
S1 BLO 1900E		<5	0.8	56	40	0.1
S1 BLO 1950E		7	0.8	28	40	0.3
S1 BLO 2050E		<5	1.2	47	60	0.3
S1 BLO 2100E		<5	0.8	25	23	0.1
S1 BLO 2150E		10	1.0	26	31	0.2



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PROJECT: RED FOX

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Sb PPM	As PPM	Pb PPM	Ag PPM
S1 BLO 2250E		<5	0.9	66	52	0.3
S1 BLO 2350E		<5	0.6	9	12	0.1
S1 BLO 2450E		6	1.1	46	23	<0.1
S1 BLO 2500E		<5	1.4	112	32	0.2
S1 BLO 2550E		<5	0.8	24	22	0.2
S1 BLO 2650E		6	1.1	18	16	<0.1
S1 BLO 2700E		<5	1.0	11	11	0.1
S1 BLO 2750E		7	1.1	11	14	0.3
S1 BLO 2850E		<5	1.4	19	19	<0.1
S1 BLO 2900E		13	1.8	51	32	0.2
S1 BLO 2950E		<5	3.6	168	61	0.3
S1 BLO 3050E		<5	2.5	285	131	0.7
S1 BLO 3100E		<5	2.2	98	225	0.8
S1 BLO 3150E		<5	6.7	126	193	1.0



REPORT: 127-7950 ( COMPLETE )

REFERENCE INFO:

CLIENT: AURUM GEOLOGICAL CONSULTANTS INC.  
PROJECT: CROESUSSUBMITTED BY: H. KEYSER  
DATE PRINTED: 16-NOV-87

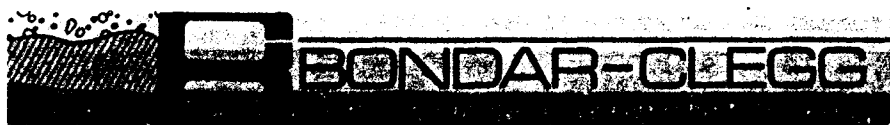
ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	1253	5 PPB	NOT APPLICABLE	INST. NEUTRON ACTIV.
2	As Arsenic	1253	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
3	Sb Antimony	1253	0.2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
4	Ag Silver	1253	0.1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
5	Pb Lead	1253	2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	1256	1 -80	1256	DRY, SIEVE -80	1256

REMARKS: I.S. DENOTES INSUFFICIENT SAMPLE.

EMPTY SAMPLE BAGS WERE REC'D FOR SAMPLES  
L138E 650S, L140E 7+25N,7+75N.REPORT COPIES TO: AURUM GEOLOGICAL CON. INC  
CROESUS RESOURCES INC.  
KELAN RESOURCES INC.

INVOICE TO: AURUM GEOLOGICAL CON. INC

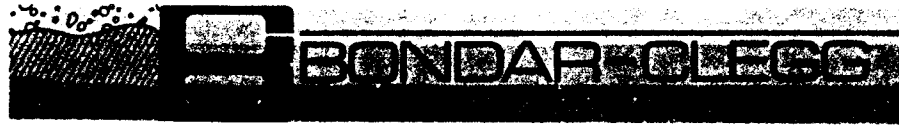


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PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L96E B10		<5	25	2.7	1.2	48
S1 L96E 0025		6	23	1.3	0.5	37
S1 L96E 0050		<5	21	1.3	0.4	43
S1 L96E 0075		8	16	1.2	0.6	38
S1 L96E 0100		<5	17	1.1	0.6	38
S1 L96E 0125		8	29	1.2	0.6	43
S1 L96E 0150		<5	19	1.5	1.2	55
S1 L96E 0175		11	17	1.1	0.8	39
S1 L96E 0200		8	17	0.9	0.8	40
S1 L96E 0225		<5	25	1.2	1.4	53
S1 L96E 0250		<5	17	0.8	0.6	32
S1 L96E 0275		<5	17	0.9	0.6	35
S1 L96E 0300		<5	16	0.8	0.6	38
S1 L96E 0325		<5	8	0.6	0.5	28
S1 L96E 0350		<5	11	0.8	0.4	33
S1 L96E 0375		<5	30	2.9	1.7	152
S1 L96E 0400		<5	12	0.9	0.2	44
S1 L96E 0425		<5	8	1.0	0.1	63
S1 L96E 0450		<5	8	0.7	0.2	66
S1 L96E 0475		<5	7	0.7	0.3	70
S1 L96E 0500		8	8	0.7	0.1	73
S1 L96E 0525		<5	5	0.6	0.2	30
S1 L96E 0550		<5	4	0.6	0.2	47
S1 L96E 0575		<5	9	1.4	0.1	85
S1 L96E 0600		10	5	0.6	0.6	280
S1 L96E 0625		<5	6	0.8	0.4	63
S1 L96E 0650		7	6	0.9	0.2	62
S1 L96E 0675		<5	9	0.6	0.2	70
S1 L96E 0700		<5	9	0.8	0.4	65
S1 L96E 0725		<5	7	0.7	0.2	74
S1 L96E 0750		<5	10	1.5	0.2	113
S1 L96E 0775		<5	10	1.5	0.3	145
S1 L96E 0800		<5	4	0.7	0.2	56
S1 L96E 0825		<5	6	0.8	0.3	53
S1 L96E 0850		<5	11	1.1	0.2	94
S1 L96E 0875		<5	8	0.8	0.5	160
S1 L96E 0900		<5	13	1.2	0.1	31
S1 L96E 0925		<5	10	1.1	0.1	18
S1 L96E 0950		<5	14	1.2	0.4	55
S1 L96E 0975		<5	5	0.6	0.4	3

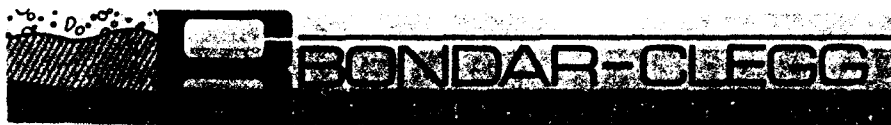


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L96E 1000		8	9	0.9	0.1	55
S1 L96E 1025		12	8	1.5	0.2	18
S1 L96E 1050		8	13	1.4	0.2	48
S1 L96E 1075		11	9	1.1	0.1	13
S1 L96E 1100		<5	11	1.0	<0.1	15
S1 L96E 1125		18	7	1.8	0.3	10
S1 L96E 1150		9	9	2.3	<0.1	17
S1 L96E 1175		8	8	2.1	0.2	21
S1 L96E 1200		8	10	1.6	0.2	18
S1 L96E 1225		20	12	1.0	0.2	13
S1 L96E 1250		7	10	0.9	0.2	13
S1 L96E 1275		<5	10	1.0	0.2	13
S1 L96E 1300		<5	8	1.0	0.1	15
S1 L96E 1325		6	7	1.0	<0.1	25
S1 L96E 1350		<5	10	1.3	0.2	60
S1 L96E 1375		10	8	0.8	<0.1	17
S1 L96E 1400		<5	8	1.4	0.2	14
S1 L96E 1425		15	7	0.8	0.2	15
S1 L96E 1450		<5	10	1.0	0.2	14
S1 L96E 1475		<5	11	1.2	0.2	16
S1 L96E 1500		12	11	1.2	0.2	8
S1 L96E 1525		8	9	1.2	0.1	12
S1 L104E 700S		8	8	1.0	0.1	17
S1 L104E 675S		8	10	0.9	0.2	25
S1 L104E 650S		<5	9	0.8	0.1	19
S1 L104E 625S		7	12	1.1	0.2	20
S1 L104E 600S		<5	8	0.8	<0.1	17
S1 L104E 575S		<5	10	0.6	<0.1	15
S1 L104E 550S		<5	11	0.8	0.2	17
S1 L104E 525S		<5	7	0.8	0.1	22
S1 L104E 500S		<5	7	0.8	0.1	17
S1 L104E 475S		8	13	0.8	0.1	33
S1 L104E 450S		9	28	1.1	0.2	57
S1 L104E 425S		<5	16	0.9	0.2	38
S1 L104E 400S		<5	6	0.8	<0.1	27
S1 L104E 375S		13	4	0.7	0.3	17
S1 L104E 350S		<5	5	0.5	0.2	17
S1 L104E 325S		<5	7	0.8	0.1	35
S1 L104E 300S		<5	6	0.8	<0.1	18
S1 L104E 275S		<5	11	0.8	0.1	28



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
SI L104E 250S		<5	7	1.0	0.1	15
SI L104E 225S		16	10	1.0	0.1	20
SI L104E 200S		<5	5	0.7	<0.1	13
SI L104E 175S		<5	11	0.6	0.6	23
SI L104E 150S		<5	13	0.7	0.1	30
SI L104E 125S		9	9	0.6	0.4	14
SI L104E 100S		8	14	1.0	0.6	53
SI L104E 075S		<5	14	1.1	0.3	47
SI L104E 050S		<5	73	1.8	0.8	73
SI L104E 025S		<5	46	1.5	1.3	68
SI L104E BL		26	134	11.0	3.1	400
SI L104E 0025N		<5	120	5.4	3.0	420
SI L104E 0050N		20	91	3.1	1.0	200
SI L104E 0075N		14	75	3.3	1.0	144
SI L104E 0100N		<5	81	1.9	0.7	255
SI L104E 0125N		<5	18	0.9	0.8	62
SI L104E 0150N		<5	47	2.1	1.2	113
SI L104E 0175N		<5	24	1.1	0.3	47
SI L104E 0200N		<5	6	0.9	1.2	24
SI L104E 0225N		<5	14	0.9	0.4	23
SI L104E 0250N		<5	8	1.1	0.7	12
SI L104E 0275N		<5	11	1.5	0.1	26
SI L104E 0300N		11	13	1.4	0.2	23
SI L104E 0325N		<5	12	1.4	0.4	21
SI L104E 0350N		9	8	1.3	0.2	21
SI L104E 0375N		<5	11	1.9	0.2	50
SI L104E 0400N		14	31	2.3	0.2	65
SI L104E 0425N		8	25	1.5	0.2	53
SI L104E 0450N		7	74	1.6	<0.1	93
SI L104E 0475N		<5	19	1.1	0.2	28
SI L104E 0500N		<5	11	1.1	0.2	15
SI L104E 0525N		9	20	1.1	0.3	30
SI L104E 0550N		<5	1190	20.6	6.2	1550
SI L104E 0575N		<5	271	1.8	0.4	167
SI L104E 0600N		<5	11	0.8	0.2	44
SI L104E 0625N		<5	12	1.2	<0.1	28
SI L104E 0650N		<5	11	1.2	0.1	38
SI L104E 0675N		<5	9	1.0	0.1	15
SI L104E 0700N		<5	8	1.1	0.4	55
SI L104E 0725N		<5	10	1.0	0.2	13



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
SI L104E 0750N		<5	7	0.8	0.2	12
SI L104E 0775N		<5	7	0.6	0.3	11
SI L104E 0800N		12	9	0.9	0.2	13
SI L104E 0825N		<5	7	0.9	0.2	14
SI L104E 0850N		<5	9	0.8	0.3	14
SI L104E 0875N		<5	8	0.8	0.3	16
SI L104E 0900N		<5	9	0.8	0.3	15
SI L104E 0925N		<5	4	0.8	0.3	9
SI L104E 0950N		<5	9	0.9	0.1	13
SI L104E 0975N		<5	9	1.4	0.2	35
SI L104E 1000N		<5	8	0.9	0.2	12
SI L104E 1025N		<5	9	1.5	0.1	13
SI L104E 1050N		<5	4	0.7	<0.1	17
SI L104E 1075N		8	11	0.9	0.2	24
SI L104E 1100N		<5	10	1.2	0.2	17
SI L104E 1125N		<5	9	1.0	0.2	17
SI L104E 1150N		<5	8	1.0	0.2	13
SI L104E 1175N		7	9	0.9	0.2	14
SI L104E 1200N		9	12	1.2	0.2	16
SI L104E 1225N		<5	8	0.9	0.2	13
SI L104E 1250N		8	8	1.1	0.2	14
SI L104E 1275N		6	15	2.1	0.2	13
SI L104E 1300N		5	8	2.0	0.3	15
SI L104E 1325N		29	<4	1.2	0.1	18
SI L104E 1350N		<5	3	0.7	0.1	6
SI L104E 1375N		8	8	1.2	0.4	22
SI L104E 1400N		19	7	1.1	0.2	17
SI L104E 1425N		7	6	1.0	0.3	20
SI L104E 1450N		<5	8	1.0	0.2	17
SI L104E 1475N		22	6	1.0	0.1	18
SI L104E 1500N		7	9	1.0	0.1	18
SI L104E 1525N		<5	13	1.3	0.2	27
SI L104E 1550N		13	6	1.2	0.2	31
SI L104E 1575N		<5	7	1.5	0.1	16
SI L104E 1600N		<5	6	0.9	0.2	20
SI L104E 1625N		<5	8	1.4	<0.1	25
SI L104E 1650N		<5	4	0.5	<0.1	15
SI L104E 1675N		6	6	1.2	0.3	32
SI L104E 1700N		10	7	1.2	0.3	25
SI L104E 1725N		12	8	1.1	0.2	22



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L104E 1750N		<5	<2	0.6	0.2	10
S1 L104E 1775N		<5	7	1.1	0.1	23
S1 L104E 1800N		7	9	1.1	0.1	21
S1 L104E 1825N		<5	11	1.1	<0.1	19
S1 L104E 1850N		<5	8	1.0	<0.1	17
S1 L104E 1875N		<5	6	0.7	0.3	16
S1 L104E 1900N		9	7	0.9	0.2	16
S1 L104E 1925N		<5	8	1.0	0.2	15
S1 L104E 1950N		18	6	0.8	<0.1	20
S1 L104E 1975N		5	7	1.0	0.2	11
S1 L104E 2000N		11	6	0.8	0.3	14
S1 L106E 700S		<5	13	1.3	0.3	28
S1 L106E 675S		<5	11	0.9	0.1	25
S1 L106E 650S		<5	10	1.0	0.1	28
S1 L106E 625S		<5	11	1.1	0.2	23
S1 L106E 600S		8	10	0.9	0.3	17
S1 L106E 575S		8	8	0.8	0.2	24
S1 L106E 550S		<5	9	0.8	<0.1	23
S1 L106E 525S		<5	10	0.7	0.1	27
S1 L106E 500S		<5	13	0.9	0.2	30
S1 L106E 475S		<5	15	0.9	0.2	33
S1 L106E 450S		8	13	1.0	0.1	31
S1 L106E 425S		<5	13	0.9	<0.1	40
S1 L106E 400S		<5	18	0.9	0.1	40
S1 L106E 375S		<5	15	0.8	0.2	37
S1 L106E 350S		<5	13	0.9	0.3	32
S1 L106E 325S		11	17	0.8	0.4	35
S1 L106E 300S		<5	19	1.0	0.4	43
S1 L106E 275S		9	35	1.3	0.6	55
S1 L106E 250S		<5	53	1.1	0.6	132
S1 L106E 225S		<5	25	0.8	0.4	78
S1 L106E 200S		<5	26	1.0	0.2	42
S1 L106E 175S		<5	21	0.9	0.2	59
S1 L106E 150S		<5	25	1.0	1.6	320
S1 L106E 125S		<5	15	1.1	0.2	39
S1 L106E 100S		<5	40	5.5	0.6	730
S1 L106E 075S		42	1200	28.0	12.0	3450
S1 L106E 050S		<5	77	1.9	0.5	220
S1 L106E 025S		<5	364	10.0	6.5	1200
S1 L106E BL		<5	175	8.3	2.0	510

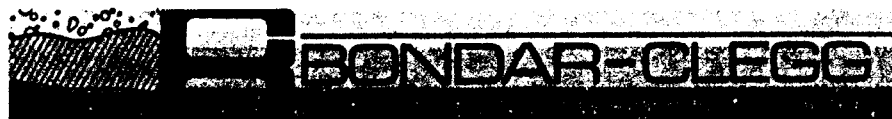


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L106E 025N		11	97	7.1	1.6	520
S1 L106E 050N		12	90	3.6	1.4	240
S1 L106E 075N		17	88	2.6	1.4	198
S1 L106E 100N		20	578	28.0	3.1	385
S1 L106E 125N		18	59	2.4	0.5	75
S1 L106E 150N		12	136	2.1	0.4	67
S1 L106E 175N		<5	36	1.3	0.3	48
S1 L106E 200N		13	36	1.8	0.6	53
S1 L106E 225N		11	16	1.5	0.4	28
S1 L106E 250N		<5	10	1.5	0.5	26
S1 L106E 275N		10	16	1.3	0.6	29
S1 L106E 300N		10	11	1.0	0.3	18
S1 L106E 325N		<5	11	1.3	0.2	17
S1 L106E 350N		<5	13	1.4	0.4	32
S1 L106E 375N		<5	4	0.9	0.1	38
S1 L106E 400N		<5	8	1.6	0.2	26
S1 L106E 425N		<5	13	1.5	0.5	50
S1 L106E 450N		<5	11	1.7	0.3	26
S1 L106E 475N		<5	12	1.2	0.3	23
S1 L106E 500N		13	47	7.0	13.0	435
S1 L106E 525N		<5	17	2.7	13.0	155
S1 L106E 550N		8	17	3.1	0.8	139
S1 L106E 575N		7	11	1.4	0.7	53
S1 L106E 600N		<5	77	2.1	0.4	150
S1 L106E 625N		22	312	6.8	7.2	625
S1 L108E 650N		15	49	2.0	2.0	136
S1 L108E 700S		9	13	1.2	0.3	35
S1 L108E 675S		8	7	0.9	0.1	23
S1 L108E 650S		9	13	1.3	0.2	29
S1 L108E 625S		11	26	1.1	0.4	45
S1 L108E 600S		<5	19	1.2	0.2	44
S1 L108E 575S		18	16	1.1	0.3	41
S1 L108E 550S		<5	10	0.8	0.6	35
S1 L108E 525S		<5	15	1.1	0.3	31
S1 L108E 500S		7	15	1.1	0.6	43
S1 L108E 475S		<5	19	1.2	0.3	35
S1 L108E 450S		<5	21	1.2	0.1	33
S1 L108E 425S		<5	18	0.8	0.1	23
S1 L108E 400S		<5	33	1.1	0.1	45
S1 L108E 375S		<5	13	0.7	0.3	27



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L108E 350S		<5	14	0.8	0.3	38
S1 L108E 325S		<5	16	1.0	0.4	31
S1 L108E 300S		<5	30	1.2	0.4	588
S1 L108E 275S		8	68	2.5	0.7	89
S1 L108E 250S		8	28	1.9	2.2	104
S1 L108E 225S		9	64	2.7	0.9	124
S1 L108E 200S		28	102	4.5	2.6	280
S1 L108E 175S		<5	73	3.8	1.4	188
S1 L108E 150S		11	185	4.3	0.7	245
S1 L108E 125S		13	338	7.1	1.1	565
S1 L108E 100S		<5	230	2.9	2.0	215
S1 L108E 075S		28	689	17.0	2.6	1300
S1 L108E 050S		<5	96	2.3	0.5	112
S1 L108E 025S		8	44	1.2	0.3	60
S1 L108E BL		12	106	1.6	0.3	80
S1 L108E 025N		16	75	1.7	0.4	152
S1 L108E 050N		<5	26	0.9	0.1	44
S1 L108E 075N		10	84	1.7	0.3	128
S1 L108E 100N		7	58	1.5	0.2	55
S1 L108E 125N		19	88	1.9	1.0	178
S1 L108E 150N		10	69	1.3	1.0	76
S1 L108E 175N		17	160	1.7	0.5	156
S1 L108E 200N		<5	149	2.1	0.6	245
S1 L108E 225N		<5	236	2.5	1.3	370
S1 L108E 250N		24	138	2.0	0.7	215
S1 L108E 275N		13	62	1.7	0.4	122
S1 L108E 300N		<5	126	1.7	1.0	122
S1 L108E 325N		9	60	1.9	0.6	76
S1 L108E 350N		12	33	1.5	0.6	51
S1 L108E 375N		<5	27	1.1	0.6	43
S1 L108E 400N		7	31	1.1	0.6	55
S1 L108E 425N		<5	11	0.9	2.0	27
S1 L108E 450N		7	7	1.4	0.8	158
S1 L108E 475N		<5	5	1.2	0.1	18
S1 L108E 500N		<5	7	1.1	0.2	16
S1 L108E 525N		<5	6	1.2	0.2	26
S1 L108E 550N		<5	10	1.9	0.8	104
S1 L108E 575N		<5	33	2.9	2.2	330
S1 L108E 600N		<5	22	1.5	0.5	140
S1 L108E 625N		<5	18	1.6	0.4	98

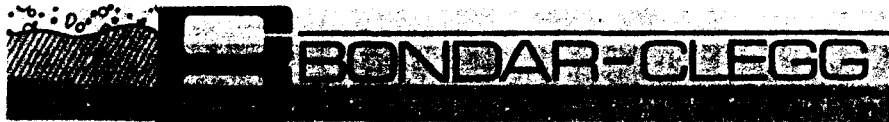


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L108E 650N		<5	13	1.5	0.4	68
S1 L108E 675N		<5	18	1.4	0.4	98
S1 L108E 700N		11	25	1.4	0.2	56
S1 L108E 725N		<5	23	1.6	0.3	87
S1 L108E 750N		<5	17	1.1	0.3	61
S1 L108E 775N		<5	25	1.0	0.2	75
S1 L108E 800N		<5	22	1.0	0.1	35
S1 L108E 825N		<5	22	1.1	0.6	98
S1 L108E 850N		<5	44	1.9	1.4	65
S1 L108E 875N		<5	123	2.8	2.4	75
S1 L108E 900N		<5	52	4.8	1.2	56
S1 L110E 700S		<5	15	1.2	0.3	23
S1 L110E 675S		<5	12	1.2	0.2	25
S1 L110E 650S		<5	13	1.1	0.1	26
S1 L110E 625S		7	9	1.0	0.2	28
S1 L110E 600S		<5	14	1.1	0.4	42
S1 L110E 575S		<5	18	1.6	0.5	64
S1 L110E 550S		<5	10	0.9	0.4	24
S1 L110E 525S		<5	13	1.4	1.4	50
S1 L110E 500S		10	12	1.0	0.2	22
S1 L110E 475S		9	13	1.1	0.5	23
S1 L110E 450S		<5	14	1.1	0.3	25
S1 L110E 425S		7	13	0.9	0.2	28
S1 L110E 400S		9	13	1.0	0.1	29
S1 L110E 375S		<5	14	0.9	0.2	29
S1 L110E 350S		9	16	1.0	0.4	57
S1 L110E 325S		17	32	1.2	0.8	81
S1 L110E 300S		15	87	1.7	1.2	188
S1 L110E 275S		12	21	1.2	0.2	44
S1 L110E 250S		<5	22	1.2	0.3	45
S1 L110E 225S		<5	8	1.0	0.2	22
S1 L110E 200S		<5	11	1.0	0.2	28
S1 L110E 175S		<5	8	1.0	0.1	30
S1 L110E 150S		<5	15	2.5	0.1	122
S1 L110E 125S		5	10	0.9	0.2	20
S1 L110E 100S		<5	42	5.9	4.5	1200
S1 L110E 075S		<5	15	2.0	1.0	240
S1 L110E 050S		<5	86	1.9	1.2	370
S1 L110E 025S		12	45	2.1	0.7	170
S1 L110E BL		<5	15	1.1	0.4	66

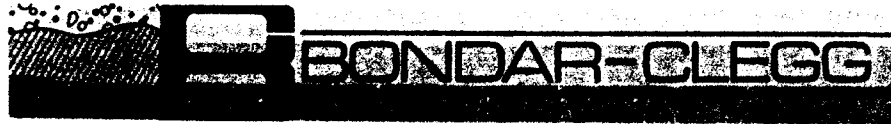


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L110E 025N		<5	25	1.1	0.4	56
S1 L110E 050N		<5	<1	0.4	0.2	8
S1 L110E 075N		21	15	1.1	0.4	38
S1 L110E 100N		<5	114	1.7	0.5	85
S1 L110E 125N		<5	36	1.5	0.4	106
S1 L110E 150N		<5	44	1.9	0.6	78
S1 L110E 175N		15	23	1.5	0.6	35
S1 L110E 200N		<5	16	1.2	0.3	47
S1 L110E 225N		<5	15	1.3	0.3	36
S1 L110E 250N		30	21	1.5	0.2	41
S1 L110E 275N		<5	15	1.1	0.5	40
S1 L110E 300N		6	14	1.2	0.2	35
S1 L110E 325N		<5	20	1.1	0.4	35
S1 L110E 350N		<5	16	1.1	0.3	43
S1 L110E 375N		15	16	1.2	0.3	28
S1 L110E 400N		9	16	1.2	0.4	37
S1 L110E 425N		<5	7	0.8	0.5	11
S1 L110E 450N		<5	13	0.8	0.5	23
S1 L110E 475N		<5	14	1.0	0.6	18
S1 L110E 500N		<5	22	1.3	0.1	30
S1 L110E 525N		<5	20	1.3	0.1	33
S1 L110E 550N		<5	26	1.8	0.2	60
S1 L110E 575N		<5	31	3.5	0.2	35
S1 L110E 600N		<5	14	1.4	0.3	19
S1 L110E 625N		15	16	1.3	0.5	46
S1 L110E 650N		9	37	1.4	0.2	65
S1 L112E 700S		9	66	1.1	0.1	35
S1 L112E 675S		<5	46	0.8	0.2	31
S1 L112E 650S		<5	40	0.9	0.2	42
S1 L112E 625S		<5	29	1.1	0.2	39
S1 L112E 600S		6	20	0.9	0.2	26
S1 L112E 575S		12	32	1.2	0.2	50
S1 L112E 550S		8	14	1.0	0.2	33
S1 L112E 525S		<5	12	0.8	0.2	32
S1 L112E 500S		<5	11	1.0	0.3	21
S1 L112E 475S		7	17	1.2	0.3	26
S1 L112E 450S		<5	21	1.0	0.2	33
S1 L112E 425S		<5	9	1.0	0.1	22
S1 L112E 400S		<5	13	1.1	0.1	17
S1 L112E 375S		<5	11	1.0	0.2	18

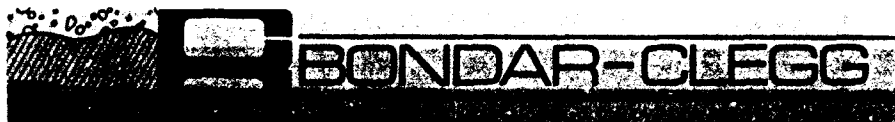


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L112E 350S		<5	8	0.9	0.2	19
S1 L112E 325S		12	19	1.6	0.1	47
S1 L112E 300S		10	11	1.2	0.2	35
S1 L112E 275S		<5	15	1.5	0.2	53
S1 L112E 250S		15	17	1.8	0.3	49
S1 L112E 225S		26	38	2.6	0.6	98
S1 L112E 200S		<5	29	3.1	0.4	37
S1 L112E 175S		48	27	2.7	0.3	67
S1 L112E 150S		140	62	5.9	1.3	45
S1 L112E 125S		9090	1330	44.8	11.0	495
S1 L112E 100S		2180	44	3.8	0.5	28
S1 L112E 075S		190	146	4.2	0.6	143
S1 L112E 050S		58	40	2.0	0.3	20
S1 L112E 025S		190	55	2.5	0.3	34
S1 L112E BL		140	34	1.8	0.3	42
S1 L112E 025N		68	24	1.5	0.3	63
S1 L112E 050N		57	25	1.6	0.3	73
S1 L112E 075N		23	13	1.0	0.2	28
S1 L112E 100N		33	17	1.3	0.2	44
S1 L112E 125N		37	13	1.0	0.2	33
S1 L112E 150N		9	12	1.1	0.3	32
S1 L112E 175N		22	17	0.8	0.5	57
S1 L112E 200N		33	24	1.3	0.5	85
S1 L112E 225N		16	18	1.1	0.4	46
S1 L112E 250N		17	15	1.3	0.2	39
S1 L112E 275N		<5	15	0.8	0.3	33
S1 L112E 300N		9	15	1.0	0.5	31
S1 L112E 325N		<5	16	1.2	0.3	30
S1 L112E 350N		<5	11	0.8	0.4	25
S1 L112E 375N		6	9	0.9	0.5	31
S1 L112E 400N		9	11	1.0	0.5	52
S1 L112E 425N		10	9	0.8	0.4	27
S1 L112E 450N		<5	11	0.9	0.3	34
S1 L112E 475N		<5	12	1.1	0.4	27
S1 L112E 500N		<5	22	1.0	0.4	58
S1 L112E 525N		6	22	1.2	0.3	64
S1 L112E 550N		14	13	1.1	0.7	57
S1 L112E 575N		9	13	1.2	0.8	47
S1 L112E 600N		88	27	2.1	1.0	90
S1 L112E 625N		15	20	2.3	1.2	86



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
SI L112E 650N		25	20	2.2	0.9	92
SI L114E 700S		12	100	1.2	0.2	47
SI L114E 675S		11	47	1.0	0.1	53
SI L114E 650S		<5	9	0.8	0.1	17
SI L114E 625S		11	152	1.0	0.3	129
SI L114E 600S		8	47	1.0	0.3	56
SI L114E 575S		19	40	0.9	0.3	65
SI L114E 550S		24	38	0.9	0.5	90
SI L114E 525S		23	52	1.1	0.3	59
SI L114E 500S		14	26	1.1	0.4	40
SI L114E 475S		8	19	1.0	0.3	21
SI L114E 450S		19	13	1.0	0.1	18
SI L114E 425S		11	18	1.3	0.1	29
SI L114E 400S		13	11	0.9	0.1	19
SI L114E 375S		10	10	1.0	0.1	20
SI L114E 350S		<5	9	0.9	0.1	15
SI L114E 325S		13	12	1.3	0.3	28
SI L114E 300S		19	14	1.2	0.7	46
SI L114E 275S		7	15	1.4	0.1	40
SI L114E 250S		11	13	1.2	0.5	30
SI L114E 225S		14	11	1.1	0.5	45
SI L114E 200S		38	60	2.5	0.6	95
SI L114E 175S		<5	44	1.8	0.5	100
SI L114E 150S		11	54	2.0	0.2	118
SI L114E 125S		<5	50	4.7	0.7	220
SI L114E 100S		15	25	1.8	0.1	41
SI L114E 075S		13	15	1.4	0.4	34
SI L114E 050S		12	11	0.9	0.1	21
SI L114E 025S		<5	8	0.6	0.1	19
SI L114E BL		13	7	1.1	0.1	19
SI L114E 025N		<5	27	1.3	0.2	67
SI L114E 050N		7	29	1.5	0.2	68
SI L114E 075N		<5	28	1.2	0.1	128
SI L114E 100N		<5	14	1.1	0.3	50
SI L114E 125N		<5	18	1.3	0.3	72
SI L114E 150N		<5	20	1.2	0.2	46
SI L114E 175N		11	20	1.3	0.8	75
SI L114E 200N		<5	38	3.4	0.4	46
SI L114E 225N		<5	24	3.1	0.4	62
SI L114E 250N		<5	22	1.4	1.5	81

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L114E 275N		9	17	1.2	0.6	59
S1 L114E 300N		<5	17	1.5	0.7	71
S1 L114E 325N		12	13	1.0	0.6	42
S1 L114E 350N		8	13	1.1	0.4	47
S1 L114E 375N		<5	15	1.3	0.6	44
S1 L114E 400N		<5	16	1.3	0.4	43
S1 L114E 425N		6	14	0.9	0.6	39
S1 L114E 450N		<5	13	1.0	0.4	33
S1 L114E 475N		12	14	1.0	0.3	35
S1 L114E 500N		<5	14	0.9	0.3	26
S1 L114E 525N		<5	14	1.0	0.3	26
S1 L114E 550N		<5	14	1.0	0.2	32
S1 L114E 575N		<5	14	0.9	0.1	26
S1 L114E 600N		<5	8	0.7	0.2	20
S1 L114E 625N		<5	10	0.7	0.2	27
S1 L114E 650N		<5	11	0.8	0.2	30
S1 L116E 700S		<5	135	0.9	0.2	37
S1 L116E 675S		<5	118	0.7	0.8	41
S1 L116E 650S		<5	119	1.1	0.5	75
S1 L116E 625S		<5	70	0.6	0.2	53
S1 L116E 600S		<5	79	1.1	0.1	47
S1 L116E 575S		<5	85	1.2	0.3	51
S1 L116E 550S		<5	44	0.7	0.4	26
S1 L116E 525S		<5	4	0.5	0.3	7
S1 L116E 500S		<5	13	0.7	0.1	16
S1 L116E 475S		<5	22	0.7	0.2	17
S1 L116E 450S		<5	25	0.8	0.2	22
S1 L116E 425S		<5	14	1.0	0.1	17
S1 L116E 400S		<5	6	0.8	0.3	15
S1 L116E 375S		11	11	1.2	0.2	19
S1 L116E 350S		<5	7	0.8	0.3	14
S1 L116E 325S		15	12	1.1	0.4	32
S1 L116E 300S		13	13	1.2	0.2	23
S1 L116E 275S		<5	14	1.0	0.2	23
S1 L116E 250S		11	10	1.2	0.2	24
S1 L116E 225S		<5	14	1.9	0.3	58
S1 L116E 200S		5	17	1.7	0.2	49
S1 L116E 175S		6	11	1.2	0.2	28
S1 L116E 150S		<5	9	0.9	0.3	28
S1 L116E 125S		<5	16	1.2	0.4	43

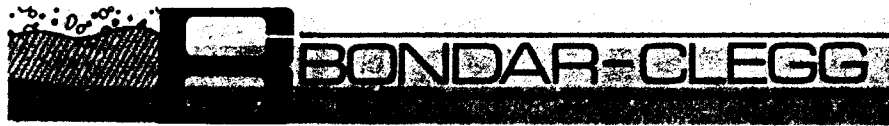


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L116E 100S		6	18	1.2	0.2	40
S1 L116E 075S		<5	16	1.1	0.4	42
S1 L116E 050S		15	229	23.4	5.6	955
S1 L116E 025S		<5	110	5.3	4.0	480
S1 L116E BL		<5	117	3.0	1.2	270
S1 L116E 025N		<5	51	2.1	1.7	170
S1 L116E 050N		13	100	5.7	4.8	650
S1 L116E 075N		<5	24	1.6	0.4	67
S1 L116E 100N		6	15	1.2	0.2	41
S1 L116E 125N		<5	13	1.1	0.4	64
S1 L116E 150N		<5	15	1.6	0.1	94
S1 L116E 175N		<5	15	2.0	0.4	75
S1 L116E 200N		10	22	1.8	1.3	82
S1 L116E 225N		<5	48	2.2	0.7	310
S1 L116E 250N		<5	9	0.9	0.4	23
S1 L116E 275N		<5	32	1.6	0.4	44
S1 L116E 300N		<5	33	1.3	0.1	39
S1 L116E 325N		<5	23	1.8	0.6	52
S1 L116E 350N		<5	20	1.8	0.2	35
S1 L116E 375N		<5	21	1.4	0.4	26
S1 L116E 400N		<5	18	1.2	0.4	33
S1 L116E 425N		<5	21	1.4	0.4	30
S1 L116E 450N		<5	184	1.4	0.5	26
S1 L116E 475N		9	210	2.9	1.2	129
S1 L116E 500N		<5	206	1.6	0.8	41
S1 L116E 525N		<5	156	1.6	1.2	56
S1 L116E 550N		10	152	1.2	0.7	41
S1 L116E 575N		<5	82	1.2	0.4	30
S1 L116E 600N		<5	31	1.0	0.2	20
S1 L116E 625N		8	22	0.8	0.3	19
S1 L116E 650N		<5	24	1.1	0.1	23
S1 L118E 700S		9	22	0.8	0.4	36
S1 L118E 675S		<5	17	0.7	0.4	38
S1 L118E 650S		16	18	0.7	0.2	45
S1 L118E 625S		<5	13	0.7	0.3	33
S1 L118E 600S		<5	14	0.7	0.5	29
S1 L118E 575S		7	13	0.7	0.3	20
S1 L118E 550S		<5	12	0.7	0.4	24
S1 L118E 525S		<5	12	1.0	0.1	21
S1 L118E 500S		<5	10	0.8	0.2	21



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L118E 475S		<5	15	0.8	0.3	23
S1 L118E 450S		6	15	1.0	0.5	32
S1 L118E 425S		<5	12	0.9	0.3	26
S1 L118E 400S		<5	15	0.9	0.3	21
S1 L118E 375S		<5	16	0.8	0.4	24
S1 L118E 350S		6	49	0.9	0.8	35
S1 L118E 325S		<5	38	1.1	0.4	36
S1 L118E 300S		<5	10	0.8	0.5	33
S1 L118E 275S		<5	9	0.9	0.1	26
S1 L118E 250S		6	7	0.6	0.2	20
S1 L118E 225S		<5	5	0.8	0.1	16
S1 L118E 200S		<5	8	0.8	0.3	21
S1 L118E 175S		<5	11	1.2	0.2	22
S1 L118E 150S		8	19	1.5	0.4	52
S1 L118E 125S		<5	23	1.4	0.8	55
S1 L118E 100S		8	22	2.4	2.0	168
S1 L118E 075S		13	139	5.5	1.5	225
S1 L118E 050S		15	26	1.6	0.5	82
S1 L118E 025S		<5	42	3.2	2.0	196
S1 L118E BL		8	61	4.0	1.7	375
S1 L118E 025N		<5	27	1.9	1.0	132
S1 L118E 050N		<5	13	1.2	0.5	47
S1 L118E 075N		<5	12	1.1	0.3	36
S1 L118E 100N		<5	13	1.1	0.3	45
S1 L118E 125N		<5	13	0.9	0.3	59
S1 L118E 150N		<5	15	1.3	0.1	68
S1 L118E 175N		<5	26	1.2	<0.1	42
S1 L118E 200N		<5	8	0.9	<0.1	20
S1 L118E 225N		<5	27	1.4	0.2	85
S1 L118E 250N		<5	35	1.1	0.4	62
S1 L118E 275N		<5	22	1.0	1.0	59
S1 L118E 300N		<5	41	1.6	0.4	129
S1 L118E 325N		<5	41	1.1	0.4	74
S1 L118E 350N		<5	40	1.4	0.4	100
S1 L118E 375N		<5	65	1.5	0.6	108
S1 L118E 400N		<5	89	1.7	1.0	94
S1 L118E 425N		19	145	2.0	0.6	56
S1 L118E 450N		10	170	2.3	1.5	84
S1 L118E 475N		13	64	1.9	1.1	109
S1 L118E 500N		8	58	1.6	0.4	77

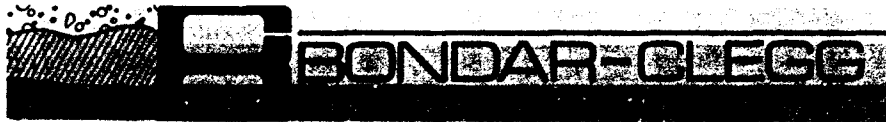


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L118E 525N		<5	75	1.3	0.3	86
S1 L118E 550N		<5	95	1.3	0.9	97
S1 L118E 575N		<5	40	1.0	0.1	52
S1 L118E 600N		<5	43	1.1	0.4	39
S1 L118E 625N		8	34	0.9	1.1	55
S1 L118E 650N		6	28	0.9	0.4	42
S1 L120E 700S		<5	42	0.7	0.2	53
S1 L120E 675S		10	22	0.7	0.4	45
S1 L120E 650S		<5	20	0.8	0.1	34
S1 L120E 625S		<5	14	0.7	0.2	37
S1 L120E 600S		<5	19	0.6	0.4	38
S1 L120E 575S		<5	24	0.8	0.3	44
S1 L120E 550S		6	13	0.5	0.3	48
S1 L120E 525S		<5	15	0.7	0.4	33
S1 L120E 500S		<5	15	0.6	0.2	36
S1 L120E 475S		<5	26	0.6	0.3	43
S1 L120E 450S		<5	23	0.7	0.4	49
S1 L120E 425S		<5	19	0.9	0.4	42
S1 L120E 400S		8	31	0.7	0.5	67
S1 L120E 375S		<5	10	0.8	0.2	31
S1 L120E 350S		<5	31	0.6	0.4	52
S1 L120E 325S		<5	20	0.6	0.5	40
S1 L120E 300S		9	24	1.3	1.2	79
S1 L120E 275S		<5	14	0.8	0.6	106
S1 L120E 250S		<5	17	0.8	1.7	265
S1 L120E 225S		<5	14	0.8	0.6	17
S1 L120E 200S		<5	19	1.0	0.3	28
S1 L120E 175S		<5	15	0.9	0.6	26
S1 L120E 150S		9	29	0.7	1.1	30
S1 L120E 125S		7	13	0.8	0.4	24
S1 L120E 100S		<5	46	1.4	0.4	61
S1 L120E 075S		19	73	1.3	0.3	42
S1 L120E 050S		15	69	1.0	1.4	39
S1 L120E 025S		11	32	1.0	0.8	30
S1 L120E BL		16	79	1.2	1.3	60
S1 L120E 025N		21	74	1.3	0.7	71
S1 L120E 050N		<5	99	1.3	0.7	121
S1 L120E 075N		<5	21	1.0	0.4	60
S1 L120E 100N		11	141	1.1	0.9	77
S1 L120E 125N		11	46	1.5	0.7	295

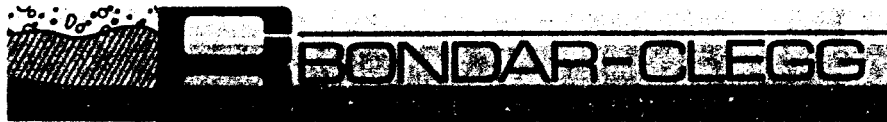


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L120E 150N		<5	16	1.1	0.2	22
S1 L120E 175N		20	343	1.8	1.4	555
S1 L120E 200N		14	312	1.6	0.4	420
S1 L120E 225N		22	234	2.0	3.1	525
S1 L120E 250N		<5	129	4.2	0.6	191
S1 L120E 275N		16	139	2.5	2.6	215
S1 L120E 300N		9	72	1.7	0.8	161
S1 L120E 325N		<5	103	1.4	0.6	193
S1 L120E 350N		<5	106	1.4	0.3	117
S1 L120E 375N		280	176	3.7	1.2	158
S1 L120E 400N		18	123	6.1	1.2	169
S1 L120E 425N		8	94	2.9	1.0	159
S1 L120E 450N		<5	157	2.3	0.4	96
S1 L120E 475N		8	90	1.6	0.2	83
S1 L120E 500N		10	121	1.9	0.4	103
S1 L120E 525N		8	60	1.3	1.3	46
S1 L120E 550N		8	95	1.9	0.4	101
S1 L120E 575N		<5	134	2.0	0.8	117
S1 L120E 600N		<5	149	1.3	5.1	180
S1 L120E 625N		8	112	2.1	0.5	28
S1 L120E 650N		16	126	2.3	4.7	137
S1 L122E 700S		<5	46	1.0	0.3	83
S1 L122E 675S		12	82	1.0	0.3	100
S1 L122E 650S		12	128	1.2	0.3	161
S1 L122E 625S		8	128	1.2	1.4	170
S1 L122E 600S		<5	58	1.0	0.7	114
S1 L122E 575S		<5	38	0.8	1.0	105
S1 L122E 550S		<5	8	0.6	0.4	36
S1 L122E 525S		<5	59	1.1	0.5	77
S1 L122E 500S		<5	13	0.7	0.3	48
S1 L122E 475S		7	11	0.6	0.1	22
S1 L122E 450S		<5	20	0.7	0.2	23
S1 L122E 425S		<5	7	0.6	0.1	10
S1 L122E 400S		<5	7	0.6	0.1	7
S1 L122E 375S		<5	8	0.6	<0.1	10
S1 L122E 350S		<5	24	1.0	0.3	27
S1 L122E 325S		<5	37	0.8	0.4	35
S1 L122E 300S		<5	12	0.6	0.5	37
S1 L122E 275S		<5	21	0.8	0.3	26
S1 L122E 250S		<5	33	1.0	0.4	22

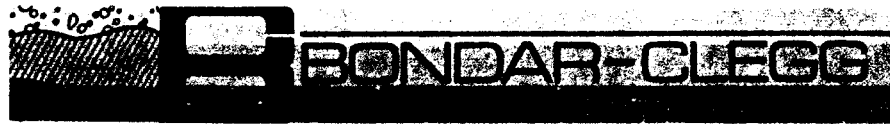


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L122E 225S		12	33	1.0	0.4	29
S1 L122E 200S		10	33	1.0	0.1	24
S1 L122E 175S		<5	15	0.6	0.4	11
S1 L122E 150S		10	58	1.0	0.5	38
S1 L122E 125S		11	123	1.3	1.0	70
S1 L122E 100S		<5	105	1.3	0.5	50
S1 L122E 075S		<5	82	1.1	0.3	41
S1 L122E 050S		<5	79	0.7	1.1	53
S1 L122E 025S		<5	79	1.1	0.5	51
S1 L122E BL		9	118	1.5	0.3	52
S1 L122E 025N		10	92	1.5	0.3	63
S1 L122E 050N		<5	85	1.4	0.2	81
S1 L122E 075N		17	145	1.8	0.2	71
S1 L122E 100N		14	120	1.5	0.2	119
S1 L122E 125N		10	52	1.4	0.5	66
S1 L122E 150N		<5	62	1.6	0.3	78
S1 L122E 175N		<5	78	2.2	0.1	159
S1 L122E 200N		<5	71	1.9	0.4	119
S1 L122E 225N		<5	109	3.2	0.5	193
S1 L122E 250N		12	197	2.0	0.6	305
S1 L122E 275N		6	9	0.7	0.4	35
S1 L122E 300N		<5	167	2.7	1.2	240
S1 L122E 325N		<5	256	3.1	0.9	205
S1 L122E 350N		16	214	6.6	1.4	194
S1 L122E 375N		16	194	2.4	1.4	205
S1 L122E 400N		<5	87	1.7	0.7	189
S1 L122E 425N		10	35	0.9	0.2	57
S1 L122E 450N		<5	49	1.1	0.6	88
S1 L122E 475N		9	30	1.1	0.4	69
S1 L122E 500N		14	55	1.3	1.5	134
S1 L122E 525N		15	53	1.3	1.0	89
S1 L122E 550N		<5	55	1.3	1.7	118
S1 L122E 575N		<5	26	1.3	0.3	53
S1 L122E 600N		<5	26	1.3	0.6	51
S1 L122E 625N		<5	42	2.2	1.1	168
S1 L122E 650N		7	16	1.0	0.8	27
S1 L124E 700S		11	15	0.8	0.4	24
S1 L124E 675S		<5	39	1.1	0.2	115
S1 L124E 650S		11	11	1.0	0.3	19
S1 L124E 625S		8	10	0.8	0.4	45

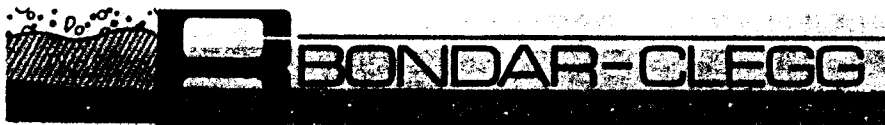


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
SI L124E 600S		8	14	1.4	0.4	45
SI L124E 575S		<5	10	1.2	0.3	14
SI L124E 550S		<5	19	0.8	0.2	16
SI L124E 525S		<5	9	0.9	0.4	25
SI L124E 500S		<5	6	0.8	0.2	19
SI L124E 475S		<5	4	0.7	0.1	6
SI L124E 450S		10	8	0.8	0.2	9
SI L124E 425S		<5	7	0.7	0.3	13
SI L124E 400S		<5	7	0.7	0.1	11
SI L124E 375S		<5	9	0.7	0.4	10
SI L124E 350S		<5	25	0.7	0.1	14
SI L124E 325S		<5	9	0.8	0.3	15
SI L124E 300S		<5	6	0.9	0.3	12
SI L124E 275S		7	4	0.7	0.2	11
SI L124E 250S		<5	9	0.7	0.3	17
SI L124E 225S		<5	5	0.8	0.3	10
SI L124E 200S		<5	4	0.6	0.1	10
SI L124E 175S		<5	6	0.8	0.4	12
SI L124E 150S		<5	5	0.8	0.5	14
SI L124E 125S		<5	6	0.9	0.2	16
SI L124E 100S		<5	8	0.8	0.3	14
SI L124E 075S		<5	15	1.0	0.4	20
SI L124E 050S		8	28	0.8	0.5	55
SI L124E 025S		17	41	1.1	0.4	34
SI L124E BL		10	87	1.1	1.0	37
SI L124E 025N		<5	42	0.9	1.1	37
SI L124E 050N		<5	69	1.1	0.6	53
SI L124E 075N		<5	50	1.0	0.1	41
SI L124E 100N		12	69	1.2	0.5	42
SI L124E 125N		<5	13	0.7	0.6	32
SI L124E 150N		<5	10	0.9	0.1	19
SI L124E 175N		<5	11	0.8	0.2	32
SI L124E 200N		7	44	1.0	0.1	49
SI L124E 225N		<5	114	2.7	1.2	205
SI L124E 250N		15	78	1.6	1.6	87
SI L124E 275N		<5	127	1.6	0.8	152
SI L124E 300N		<5	78	1.4	0.4	119
SI L124E 325N		8	126	2.3	0.9	160
SI L124E 350N		9	100	1.7	0.4	93
SI L124E 375N		<5	79	1.2	0.3	81

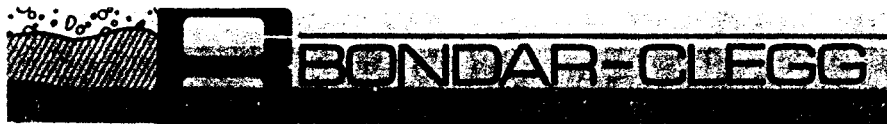


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L124E 400N		<5	37	1.4	0.1	50
S1 L124E 425N		10	44	1.4	0.6	72
S1 L124E 450N		<5	29	1.5	0.5	47
S1 L124E 475N		<5	82	1.6	1.0	260
S1 L124E 500N		8	87	1.7	0.1	58
S1 L124E 525N		8	48	1.7	0.3	26
S1 L124E 550N		<5	23	1.2	0.2	29
S1 L124E 575N		<5	20	1.1	0.3	27
S1 L124E 600N		7	9	0.7	0.5	22
S1 L124E 625N		8	53	1.4	0.4	54
S1 L124E 650N		<5	69	2.5	0.5	54
S1 L126 700S		<5	5	0.7	0.1	5
S1 L126 675S		7	11	0.8	0.1	12
S1 L126 650S		<5	5	0.5	0.1	6
S1 L126 625S		11	10	0.9	0.2	14
S1 L126 600S		<5	12	0.9	0.1	15
S1 L126 575S		6	13	1.6	0.1	12
S1 L126 550S		<5	4	0.6	0.3	9
S1 L126 525S		<5	8	0.7	0.1	13
S1 L126 500S		12	12	1.0	0.1	9
S1 L126 475S		16	8	1.0	0.1	9
S1 L126 450S		<5	7	1.1	0.1	7
S1 L126 425S		56	11	1.2	0.1	9
S1 L126 400S		12	15	0.9	0.4	12
S1 L126 375S		10	8	0.9	0.1	9
S1 L126 350S		9	11	1.1	0.4	12
S1 L126 325S		8	9	1.2	0.1	10
S1 L126 300S		<5	10	1.2	0.2	18
S1 L126 275S		<5	7	0.8	0.1	10
S1 L126 250S		<5	4	0.7	0.1	6
S1 L126 225S		<5	8	1.1	0.3	12
S1 L126 200S		<5	6	0.7	0.5	7
S1 L126 175S		<5	8	0.7	0.4	9
S1 L126 150S		<5	6	0.8	0.3	8
S1 L126 125S		<5	5	0.8	0.3	6
S1 L126 100S		<5	4	0.7	0.4	9
S1 L126 075S		<5	8	0.9	0.2	11
S1 L126 050S		<5	8	1.2	0.3	12
S1 L126 025S		<5	3	0.8	0.6	8
S1 L126E BL		<5	5	0.9	0.4	11



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
SI L126E 025N		<5	4	1.0	0.4	25
SI L126E 050N		<5	6	1.0	0.2	11
SI L126E 075N		<5	5	0.8	0.1	11
SI L126E 100N		10	21	1.9	0.4	35
SI L126E 125N		<5	18	1.6	0.3	27
SI L126E 150N		<5	38	1.7	0.1	74
SI L126E 175N		49	33	1.6	0.1	86
SI L126E 200N		<5	23	1.7	0.1	76
SI L126E 225N		8	49	1.8	0.1	64
SI L126E 250N		<5	45	3.8	1.4	178
SI L126E 275N		<5	97	2.0	0.2	115
SI L126E 300N		19	136	2.5	0.6	125
SI L126E 325N		<5	68	3.4	1.7	300
SI L126E 350N		9	59	1.5	0.3	118
SI L126E 375N		<5	78	1.7	0.9	215
SI L126E 400N		<5	27	1.2	0.4	74
SI L126E 425N		8	67	1.5	0.3	79
SI L126E 450N		<5	48	0.7	1.2	44
SI L126E 475N		9	86	1.5	0.3	70
SI L126E 500N		<5	212	1.8	0.8	320
SI L126E 525N		<5	251	2.3	0.7	165
SI L126E 550N		<5	119	1.7	0.2	124
SI L126E 575N		<5	54	1.5	0.4	62
SI L126E 600N		<5	67	1.4	0.2	63
SI L126E 625N		<5	67	1.6	0.1	69
SI L126E 650N		<5	56	1.8	0.6	69
SI L128E 700S		14	9	1.0	0.2	14
SI L128E 675S		<5	8	0.9	0.1	12
SI L128E 650S		<5	11	1.0	0.2	13
SI L128E 625S		7	7	0.8	0.2	12
SI L128E 600S		<5	10	1.0	0.1	14
SI L128E 575S		6	5	0.6	0.1	6
SI L128E 550S		9	17	1.3	0.3	23
SI L128E 525S		9	13	1.0	<0.1	12
SI L128E 500S		<5	11	0.9	0.1	19
SI L128E 475S		<5	17	1.0	0.1	18
SI L128E 450S		<5	19	1.1	0.2	19
SI L128E 425S		8	2	0.6	<0.1	6
SI L128E 400S		9	9	1.3	<0.1	21
SI L128E 375S		17	15	1.2	<0.1	19

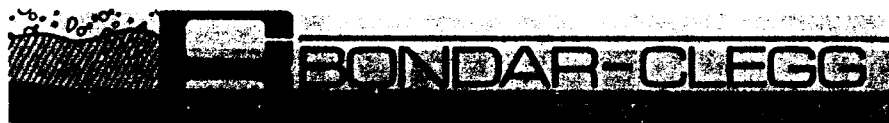


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SAMPLE NUMBRER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L128E 350S		11	14	1.5	0.1	33
S1 L128E 325S		<5	10	1.5	0.1	18
S1 L128E 300S		12	10	1.2	0.1	19
S1 L128E 275S		<5	5	0.7	0.3	5
S1 L128E 250S		8	9	1.2	0.1	14
S1 L128E 225S		9	8	1.1	0.1	13
S1 L128E 200S		<5	8	1.0	0.1	12
S1 L128E 175S		9	7	1.1	0.1	14
S1 L128E 150S		11	5	0.9	0.1	8
S1 L128E 125S		<5	4	0.8	0.1	9
S1 L128E 100S		7	9	0.9	0.3	13
S1 L128E 075S		9	9	1.0	0.1	15
S1 L128E 050S		<5	12	2.2	1.2	25
S1 L128E 025S		10	13	1.0	0.6	19
S1 L128E BL		<5	10	1.5	0.4	18
S1 L128E 0025N		7	11	1.4	0.1	20
S1 L128E 0050N		<5	4	0.7	0.2	8
S1 L128E 0075N		10	11	1.0	0.2	18
S1 L128E 0100N		<5	10	1.5	<0.1	17
S1 L128E 0125N		<5	5	0.8	<0.1	5
S1 L128E 0150N		<5	11	1.3	<0.1	17
S1 L128E 0175N		<5	11	1.2	<0.1	14
S1 L128E 0200N		<5	15	1.2	<0.1	30
S1 L128E 0225N		<5	26	1.7	0.2	49
S1 L128E 0250N		26	63	2.8	0.6	142
S1 L128E 0275N		<5	57	2.5	0.3	150
S1 L128E 0300N		<5	132	7.3	1.8	575
S1 L128E 0325N		<5	77	2.5	0.7	189
S1 L128E 0350N		<5	85	1.4	0.5	120
S1 L128E 0375N		18	55	1.5	1.1	188
S1 L128E 0400N		<5	74	2.0	0.2	140
S1 L128E 0425N		<5	129	1.9	0.4	115
S1 L128E 0450N		<5	51	1.1	0.4	270
S1 L128E 0475N		<5	17	1.3	0.4	34
S1 L128E 0500N		13	14	1.0	<0.1	31
S1 L128E 0525N		17	89	1.8	0.8	107
S1 L128E 0550N		<5	108	1.4	0.3	72
S1 L128E 0575N		10	87	1.8	0.4	55
S1 L128E 0600N		24	65	1.8	0.8	77
S1 L128E 0625N		16	48	1.6	0.5	58

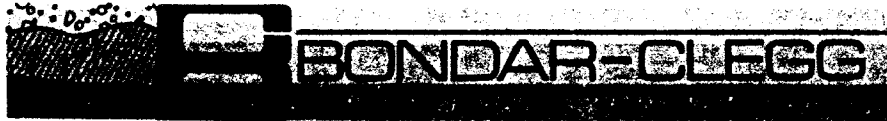


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L128E 0650N		<5	68	6.9	1.4	88
S1 L128E 0675N		7	38	1.3	0.2	42
S1 L128E 0700N		7	45	1.5	0.5	91
S1 L128E 0725N		14	40	1.2	0.4	48
S1 L128E 0750N		<5	44	1.5	0.5	46
S1 L128E 0775N		<5	51	2.0	0.5	62
S1 L128E 0800N		<5	25	1.3	0.4	43
S1 L128E 0825N		<5	19	1.1	0.2	31
S1 L128E 0850N		7	30	1.6	0.2	50
S1 L128E 0875N		<5	50	1.6	0.7	64
S1 L128E 0900N		17	60	1.6	1.1	150
S1 L128E 0925N		8	74	3.2	0.7	192
S1 L128E 0950N		10	31	2.1	0.6	71
S1 L128E 0975N		7	95	2.2	0.6	82
S1 L128E 1000N		<5	27	1.4	0.6	56
S1 L128E 1025N		<5	20	0.9	0.2	27
S1 L128E 1050N		17	22	0.8	1.2	53
S1 L128E 1075N		<5	28	1.2	0.2	30
S1 L128E 1100N		8	52	1.1	0.4	34
S1 L130E 700S		<5	9	0.8	0.2	12
S1 L130E 675S		<5	7	0.7	0.3	11
S1 L130E 650S		<5	14	0.9	0.2	19
S1 L130E 625S		<5	20	1.1	0.4	49
S1 L130E 600S		<5	23	1.3	0.4	52
S1 L130E 575S		7	28	1.4	0.7	62
S1 L130E 550S		18	207	2.3	1.8	290
S1 L130E 525S		<5	16	1.0	0.6	24
S1 L130E 500S		11	15	0.9	0.3	29
S1 L130E 475S		12	15	1.2	0.3	23
S1 L130E 450S		11	14	1.2	0.4	23
S1 L130E 425S		10	12	1.2	0.2	18
S1 L130E 400S		13	10	1.0	0.1	18
S1 L130E 375S		8	20	2.6	0.3	36
S1 L130E 350S		11	12	1.1	0.2	20
S1 L130E 325S		16	8	1.0	0.4	24
S1 L130E 300S		12	8	1.0	<0.1	20
S1 L130E 275S		17	12	1.3	0.1	19
S1 L130E 250S		<5	13	1.3	0.1	31
S1 L130E 225S		10	13	1.3	0.1	36
S1 L130E 200S		<5	5	0.7	<0.1	10



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
SI L130E 175S		<5	11	1.2	<0.1	22
SI L130E 150S		13	10	1.2	0.9	18
SI L130E 125S		<5	9	1.1	0.4	19
SI L130E 100S		9	7	1.6	<0.1	18
SI L130E 075S		<5	7	1.1	0.2	13
SI L130E 050S		<5	13	2.7	0.4	15
SI L130E 025S		14	10	1.5	0.2	19
SI L130E BLO		6	7	1.3	<0.1	21
SI L130E BLO+00		13	9	1.6	0.2	14
SI L130E 050N		9	9	1.2	0.2	17
SI L130E 075N		<5	8	1.1	0.3	20
SI L130E 0125N		<5	12	1.3	0.4	24
SI L130E 0150N		7	6	1.1	<0.1	23
SI L130E 0175N		10	7	0.9	<0.1	16
SI L130E 0200N		<5	<1	0.7	0.2	<2
SI L130E 0225N		38	440	106.0	17.0	4300
SI L130E 0250N		16	392	75.0	11.0	3450
SI L130E 0275N		22	237	35.3	6.7	1100
SI L130E 0300N		17	150	4.8	1.3	370
SI L130E 0325N		22	356	9.0	2.4	690
SI L130E 0350N		16	111	3.6	1.4	350
SI L130E 0375N		20	27	3.1	1.2	162
SI L130E 0400N		<5	40	1.4	0.4	103
SI L130E 0425N		<5	88	1.4	1.1	375
SI L130E 0450N		<5	11	1.2	0.2	23
SI L130E 0475N		<5	48	1.4	0.9	169
SI L130E 0500N		9	7	0.6	0.3	16
SI L130E 0525N		8	23	1.4	0.2	40
SI L130E 0550N		9	18	1.3	0.4	44
SI L130E 0575N		6	30	1.1	0.4	40
SI L130E 0600N		6	13	1.0	0.5	31
SI L130E 0625N		<5	63	2.1	0.6	67
SI L130E 0650N		10	46	1.6	1.4	85
SI L130E 0675N		<5	26	1.1	0.4	35
SI L130E 0700N		9	87	1.3	0.4	80
SI L130E 0725N		9	57	1.7	0.6	65
SI L130E 0750N		12	47	1.5	1.0	69
SI L130E 0775N		<5	27	1.2	0.4	37
SI L130E 0800N		9	92	1.3	0.5	80
SI L130E 0825N		8	2	0.6	0.3	8

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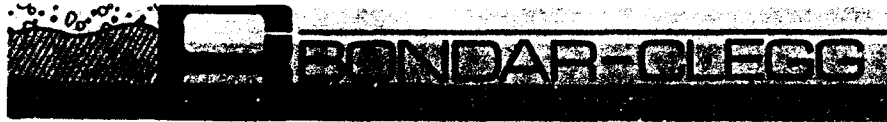
SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L130E 0850N		<5	16	0.9	0.1	27
S1 L130E 0875N		<5	42	1.9	0.8	71
S1 L130E 0900N		10	182	4.6	2.0	405
S1 L130E 0925N		27	256	3.8	4.9	290
S1 L130E 0950N		13	59	1.4	1.1	108
S1 L130E 0975N		7	21	1.0	0.5	55
S1 L130E 1000N		15	19	1.1	0.9	65
S1 L130E 1025N		<5	25	1.3	0.1	46
S1 L130E 1050N		8	94	1.8	0.7	215
S1 L130E 1075N		10	67	1.1	1.8	65
S1 L130E 1100N		10	10	1.2	0.1	9
S1 L132E 700S		11	15	1.1	0.2	20
S1 L132E 675S		<5	16	1.1	0.4	25
S1 L132E 650S		<5	16	1.3	0.3	24
S1 L132E 625S		<5	12	0.8	0.4	15
S1 L132E 600S		<5	32	1.1	0.4	29
S1 L132E 575S		6	25	1.2	0.2	30
S1 L132E 550S		<5	4	0.5	0.1	4
S1 L132E 525S		<5	44	1.5	0.2	34
S1 L132E 500S		8	6	0.6	0.4	14
S1 L132E 475S		<5	15	1.4	<0.1	22
S1 L132E 450S		<5	15	1.5	0.5	28
S1 L132E 425S		<5	10	1.1	0.3	14
S1 L132E 400S		6	15	2.5	1.0	122
S1 L132E 375S		<5	14	1.6	0.3	20
S1 L132E 350S		<5	15	1.1	0.3	38
S1 L132E 325S		<5	22	1.4	0.5	55
S1 L132E 300S		<5	25	1.4	0.5	56
S1 L132E 275S		9	14	1.2	0.2	22
S1 L132E 250S		<5	16	1.3	0.6	30
S1 L132E 225S		7	10	1.0	0.3	22
S1 L132E 200S		<5	6	0.7	0.3	12
S1 L132E 175S		6	10	0.9	0.1	21
S1 L132E 150S		14	11	1.0	<0.1	17
S1 L132E 125S		11	9	1.2	<0.1	20
S1 L132E 100S		8	8	0.9	0.3	17
S1 L132E 075S		6	4	0.5	0.2	6
S1 L132E 050S		11	10	1.1	0.2	15
S1 L132E 025S		<5	3	0.6	0.5	8
S1 L132E BL		15	9	1.0	<0.1	14

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L132E 025N		<5	7	1.8	0.3	20
S1 L132E 050N		7	9	1.2	0.1	15
S1 L132E 075N		<5	9	1.3	0.3	25
S1 L132E 100N		6	10	1.0	0.4	25
S1 L132E 125N		<5	12	1.2	0.2	23
S1 L132E 150N		<5	13	1.4	0.2	30
S1 L132E 175N		<5	11	1.2	0.2	28
S1 L132E 200N		<5	12	1.1	0.2	26
S1 L132E 225N		<5	11	1.1	0.7	23
S1 L132E 250N		11	12	1.4	1.0	34
S1 L132E 275N		11	45	6.2	8.1	925
S1 L132E 300N		12	31	15.0	9.2	530
S1 L132E 325N		<5	83	4.3	0.7	182
S1 L132E 350N		16	114	4.4	2.1	275
S1 L132E 375N		8	50	3.1	1.3	200
S1 L132E 400N		14	36	1.7	0.5	77
S1 L132E 425N		6	27	1.2	0.6	56
S1 L132E 450N		<5	47	1.1	1.3	82
S1 L132E 475N		<5	36	1.2	0.9	82
S1 L132E 500N		7	47	1.2	0.7	58
S1 L134E 700S		<5	37	2.6	0.2	54
S1 L134E 675S		<5	13	1.5	0.1	17
S1 L134E 650S		<5	5	0.6	<0.1	5
S1 L134E 625S		<5	5	0.6	0.3	6
S1 L134E 600S		18	17	1.0	0.2	32
S1 L134E 575S		20	50	1.7	0.1	60
S1 L134E 550S		10	42	1.4	0.3	38
S1 L134E 525S		10	15	1.2	0.4	20
S1 L134E 500S		<5	33	1.5	0.3	50
S1 L134E 475S		<5	13	1.2	<0.1	12
S1 L134E 450S		<5	13	1.1	<0.1	16
S1 L134E 425S		7	16	0.8	0.1	12
S1 L134E 400S		7	50	2.8	0.9	112
S1 L134E 375S		12	41	2.3	0.6	39
S1 L134E 350S		14	72	2.2	0.8	55
S1 L134E 325S		8	39	1.8	0.8	49
S1 L134E 300S		11	19	1.4	0.5	28
S1 L134E 275S		11	32	1.7	0.5	100
S1 L134E 250S		<5	38	1.6	0.4	99
S1 L134E 225S		<5	26	1.4	0.4	73

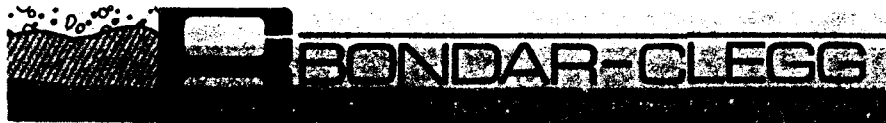


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
SI L134E 200S		7	28	1.7	0.6	89
SI L134E 175S		<5	30	1.6	0.5	82
SI L134E 150S		<5	5	0.7	0.2	13
SI L134E 125S		9	24	1.6	0.3	52
SI L134E 100S		<5	18	1.4	0.6	56
SI L134E 075S		<5	20	1.4	0.6	44
SI L134E 050S		<5	10	1.0	0.6	30
SI L134E 025S		<5	9	0.8	0.2	30
SI L134E BL		<5	8	0.8	0.4	20
SI L134E 025N		7	15	1.8	0.4	27
SI L134E 050N		6	16	1.5	0.4	23
SI L134E 075N		<5	8	1.1	0.3	14
SI L134E 100N		<5	12	2.1	0.4	22
SI L134E 125N		7	9	1.1	0.8	19
SI L134E 150N		<5	9	1.1	0.6	19
SI L134E 175N		12	11	1.1	1.3	21
SI L134E 200N		<5	9	0.9	0.7	13
SI L134E 225N		<5	10	1.0	0.2	15
SI L134E 250N		<5	11	1.2	0.2	14
SI L134E 275N		<5	10	1.0	0.4	14
SI L134E 300N		<5	10	0.9	0.2	12
SI L134E 325N		<5	19	1.1	0.4	23
SI L134E 350N		9	41	2.1	3.1	470
SI L134E 375N		9	42	1.4	3.5	174
SI L134E 400N		8	78	1.9	1.9	134
SI L134E 425N		7	66	1.6	1.1	104
SI L134E 450N		<5	40	1.4	1.6	64
SI L134E 475N		13	98	1.3	1.6	137
SI L134E 500N		<5	60	1.2	2.6	138
SI L134E 525N		<5	85	1.5	0.7	53
SI L134E 550N		<5	70	1.3	0.5	54
SI L134E 575N		<5	52	1.1	1.7	63
SI L134E 600N		<5	29	0.8	0.5	28
SI L134E 625N		16	76	1.4	1.5	102
SI L134E 650N		<5	51	1.0	1.4	90
SI L134E 675N		<5	39	1.2	0.5	48
SI L134E 700N		<5	18	0.7	0.2	36
SI L134E 725N		7	48	1.1	0.4	51
SI L134E 750N		<5	69	1.2	0.8	65
SI L134E 775N		<5	38	1.1	0.7	58

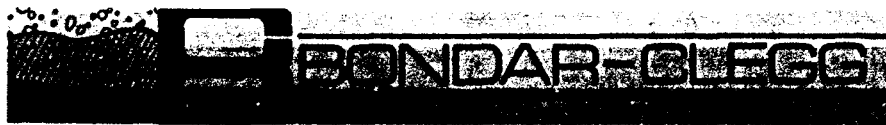


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L134E 800N		<5	36	0.7	0.6	39
S1 L134E 825N		<5	51	1.1	0.6	62
S1 L134E 850N		7	70	1.2	0.7	78
S1 L134E 875N		<5	61	1.2	0.6	59
S1 L134E 900N		<5	90	1.0	1.6	100
S1 L136E 700S		<5	16	1.3	<0.1	14
S1 L136E 675S		14	4	0.6	1.3	8
S1 L136E 650S		19	6	1.0	0.2	8
S1 L136E 625S		<5	7	1.2	0.1	9
S1 L136E 600S		<5	11	1.5	<0.1	11
S1 L136E 575S		<5	9	1.0	<0.1	8
S1 L136E 550S		8	15	1.2	<0.1	29
S1 L136E 525S		6	27	1.4	0.3	48
S1 L136E 500S		14	18	1.3	0.2	26
S1 L136E 475S		7	12	0.7	0.4	15
S1 L136E 450S		<5	28	1.4	0.5	28
S1 L136E 425S		26	318	2.0	2.1	112
S1 L136E 400S		30	715	3.5	2.8	205
S1 L136E 375S		<5	48	1.2	0.5	54
S1 L136E 350S		9	40	1.9	0.3	59
S1 L136E 325S		10	20	1.4	0.3	58
S1 L136E 300S		7	16	1.3	0.1	15
S1 L136E 275S		9	12	1.1	0.1	13
S1 L136E 250S		<5	9	1.2	<0.1	12
S1 L136E 225S		12	11	1.3	<0.1	12
S1 L136E 200S		8	11	1.3	<0.1	14
S1 L136E 175S		11	35	3.3	1.2	165
S1 L136E 150S		8	62	1.4	0.3	99
S1 L136E 125S		6	23	1.7	0.4	64
S1 L136E 100S		14	13	1.1	1.5	70
S1 L136E 075S		<5	16	1.3	0.3	51
S1 L136E 050S		<5	16	3.0	0.2	51
S1 L136E 025S		7	8	1.3	0.5	26
S1 L136E BL		<5	14	1.5	0.4	20
S1 L136E 0025N		<5	17	1.8	0.8	34
S1 L136E 0050N		<5	4	0.6	0.8	14
S1 L136E 0075N		13	10	1.2	<0.1	18
S1 L136E 0100N		<5	16	1.3	<0.1	21
S1 L136E 0125N		<5	11	1.1	0.3	22
S1 L136E 0150N		<5	11	1.1	0.2	23



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L136E 0175N		8	13	1.3	0.3	22
S1 L136E 0200N		7	10	1.3	<0.1	18
S1 L136E 0225N		6	11	1.1	0.3	16
S1 L136E 0250N		7	13	1.3	0.2	20
S1 L136E 0275N		<5	9	1.2	0.2	13
S1 L136E 0300N		8	11	1.3	0.2	18
S1 L136E 0325N		<5	9	1.0	0.4	12
S1 L136E 0350N		<5	260	1.3	0.6	45
S1 L136E 0375N		<5	186	1.4	2.4	199
S1 L136E 0400N		<5	45	1.0	1.7	68
S1 L136E 0425N		<5	36	0.9	0.6	40
S1 L136E 0450N		<5	29	0.8	2.4	62
S1 L136E 0475N		6	49	1.1	4.2	79
S1 L136E 0500N		<5	56	0.9	0.9	57
S1 L136E 0525N		<5	30	0.9	0.7	49
S1 L136E 0550N		<5	39	1.1	1.8	49
S1 L136E 0575N		<5	6	0.5	0.3	11
S1 L136E 0600N		<5	38	0.9	0.3	47
S1 L136E 0625N		9	26	0.9	1.6	56
S1 L136E 0650N		<5	46	1.2	<0.1	44
S1 L136E 0675N		<5	31	1.2	0.8	46
S1 L136E 0700N		<5	22	0.9	<0.1	28
S1 L136E 0725N		<5	20	1.0	<0.1	30
S1 L136E 0750N		12	25	0.9	0.3	45
S1 L136E 0775N		<5	17	0.8	0.4	34
S1 L136E 0800N		<5	11	0.6	0.3	17
S1 L136E 0825N		<5	46	1.3	0.5	57
S1 L136E 0850N		<5	56	1.2	0.8	62
S1 L136E 0875N		16	99	0.9	1.1	91
S1 L136E 0900N		<5	365	1.6	1.4	138
S1 L136E 0925N		<5	10	0.7	0.7	14
S1 L136E 0950N		8	45	1.0	1.2	49
S1 L136E 0975N		<5	29	0.9	0.6	40
S1 L136E 1000N		6	52	0.8	1.7	59
S1 L136E 1025N		7	36	0.9	0.3	37
S1 L136E 1050N		8	31	0.9	1.0	38
S1 L136E 1075N		10	21	0.7	1.3	38
S1 L136E 1100N		<5	39	1.3	1.1	55
S1 L138E 700S		<5	9	1.0	<0.1	14
S1 L138E 675S		<5	12	0.9	<0.1	17

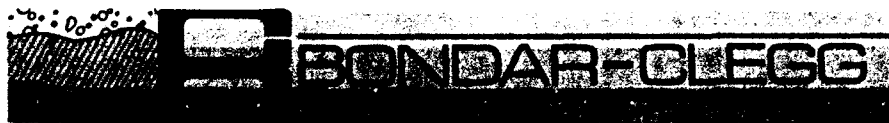


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L138E 650S		IS	IS	IS	IS	IS
S1 L138E 625S		<5	3	1.1	<0.1	15
S1 L138E 600S		<5	4	1.2	0.4	22
S1 L138E 575S		<5	9	1.0	<0.1	22
S1 L138E 550S		<5	6	1.4	0.1	19
S1 L138E 525S		<5	9	1.2	<0.1	23
S1 L138E 500S		<5	10	1.2	<0.1	18
S1 L138E 475S		<5	11	1.4	0.1	18
S1 L138E 425S		<5	7	0.8	<0.1	16
S1 L138E 400S		<5	11	1.3	0.2	37
S1 L138E 375S		<5	22	1.7	0.5	38
S1 L138E 350S		<5	32	2.9	0.9	62
S1 L138E 325S		<5	54	2.6	0.7	56
S1 L138E 300S		<5	24	1.6	0.4	30
S1 L138E 275S		7	19	1.6	0.5	34
S1 L138E 250S		<5	17	1.0	1.6	29
S1 L138E 225S		<5	30	1.6	0.6	32
S1 L138E 200S		<5	27	1.5	0.3	32
S1 L138E 175S		6	15	1.2	0.4	27
S1 L138E 150S		11	81	2.7	1.6	129
S1 L138E 125S		<5	13	1.2	0.4	35
S1 L138E 100S		<5	17	1.4	0.2	30
S1 L138E 075S		<5	29	1.8	0.5	48
S1 L138E 050S		7	38	1.5	0.6	42
S1 L138E 025S		<5	37	1.6	0.7	69
S1 L138E BL		<5	24	1.4	0.8	53
S1 L138E 025N		<5	33	1.6	0.5	52
S1 L138E 050N		<5	35	1.7	0.7	57
S1 L138E 075N		5	28	1.8	0.4	56
S1 L138E 100N		<5	23	1.5	0.4	51
S1 L138E 125N		<5	20	1.2	0.6	37
S1 L138E 150N		<5	98	1.5	0.7	69
S1 L138E 175N		13	234	2.3	1.0	113
S1 L138E 200N		10	50	0.9	1.4	51
S1 L138E 225N		<5	96	1.5	1.0	92
S1 L138E 250N		<5	41	1.2	0.9	35
S1 L138E 275N		10	237	3.0	1.4	109
S1 L138E 300N		<5	170	1.8	1.0	110
S1 L138E 325N		<5	55	1.3	0.4	71
S1 L138E 350N		<5	50	1.6	0.4	80

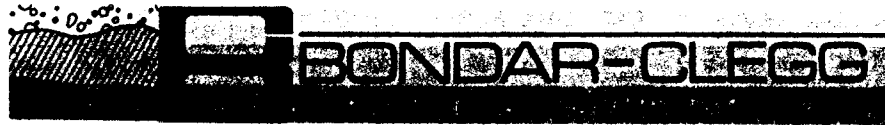


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
SI L138E 375N		<5	28	1.5	2.1	184
SI L138E 400N		<5	57	1.5	0.6	167
SI L138E 425N		6	87	1.4	1.4	124
SI L138E 450N		<5	43	0.9	1.3	88
SI L138E 475N		8	42	1.0	0.7	64
SI L138E 500N		<5	52	1.7	0.4	93
SI L138E 525N		<5	28	1.2	0.4	60
SI L138E 550N		6	40	1.4	0.2	79
SI L138E 575N		<5	16	0.8	0.1	18
SI L138E 600N		5	38	1.2	0.4	56
SI L138E 625N		7	8	0.8	<0.1	5
SI L138E 650N		<5	10	1.0	0.1	11
SI L138E 675N		<5	34	1.2	<0.1	31
SI L138E 700N		<5	49	1.2	<0.1	49
SI L138E 725N		<5	66	1.5	0.2	86
SI L138E 750N		6	86	1.3	0.3	105
SI L138E 775N		<5	42	1.2	0.2	56
SI L138E 800N		6	38	1.1	0.6	49
SI L138E 825N		8	61	1.1	0.3	49
SI L138E 850N		<5	107	1.4	0.8	115
SI L138E 875N		<5	11	0.8	0.8	18
SI L138E 900N		<5	102	2.4	1.8	210
SI L140E 0+00 BL		<5	37	1.0	0.8	73
SI L140E 0+25N		8	34	1.3	0.9	77
SI L140E 0+50N		6	93	1.2	0.7	96
SI L140E 0+75N		8	30	1.1	0.5	52
SI L140E 1+00N		8	59	1.3	1.3	116
SI L140E 1+25N		<5	84	1.4	0.8	93
SI L140E 1+50N		12	158	1.8	0.3	90
SI L140E 1+75N		23	186	2.6	2.1	126
SI L140E 2+00N		12	148	1.9	1.8	88
SI L140E 2+25N		7	132	2.2	1.2	118
SI L140E 2+50N		5	101	2.0	1.0	106
SI L140E 2+75N		14	175	3.1	1.6	139
SI L140E 3+00N		<5	147	2.7	1.1	107
SI L140E 3+25N		<5	142	2.4	1.1	101
SI L140E 3+50N		<5	83	1.1	0.9	80
SI L140E 3+75N		<5	156	10.0	2.4	390
SI L140E 4+00N		<5	100	1.6	0.8	60
SI L140E 4+25N		<5	14	0.8	1.1	29

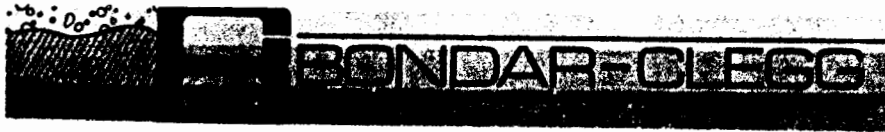


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L140E 4+50N		14	22	1.2	6.4	63
S1 L140E 4+75N		20	41	2.0	7.0	147
S1 L140E 5+00N		<5	10	0.8	0.3	19
S1 L140E 5+25N		<5	80	1.7	1.4	103
S1 L140E 5+50N		<5	95	1.5	0.5	74
S1 L140E 5+75N		<5	29	1.4	0.4	43
S1 L140E 6+00N		<5	22	1.0	0.1	30
S1 L140E 6+25N		<5	69	1.4	0.7	118
S1 L140E 6+50N		<5	102	2.0	1.3	190
S1 L140E 6+75N		<5	97	1.9	0.8	139
S1 L140E 7+00N		<5	93	1.6	0.4	100
S1 L140E 7+25N		IS	IS	IS	IS	IS
S1 L140E 7+50N		<5	6	0.7	0.3	5
S1 L140E 7+75N		IS	IS	IS	IS	IS
S1 L140E 8+00N		<5	76	0.9	<0.1	32
S1 L140E 8+25N		<5	29	1.2	<0.1	32
S1 L140E 8+50N		12	190	2.2	0.7	90
S1 L140E 8+75N		13	487	3.7	5.0	410
S1 L140E 9+00N		<5	238	2.0	4.8	189
S1 L142E BL		<5	17	1.0	0.1	36
S1 L142E 0+25N		<5	3	0.6	<0.1	4
S1 L142E 0+50N		<5	32	1.1	0.5	96
S1 L142E 0+75N		<5	53	0.8	0.4	57
S1 L142E 1+00N		<5	42	1.1	<0.1	106
S1 L142E 1+25N		<5	56	1.7	0.9	75
S1 L142E 1+50N		13	205	2.9	0.7	102
S1 L142E 1+75N		<5	108	4.1	1.3	126
S1 L142E 2+00N		<5	94	1.7	0.6	102
S1 L142E 2+25N		<5	84	2.5	1.2	125
S1 L142E 2+50N		<5	44	1.4	0.3	65
S1 L142E 2+75N		7	99	1.9	1.8	105
S1 L142E 3+00N		16	192	3.0	0.7	145
S1 L142E 3+25N		8	134	1.6	0.6	74
S1 L142E 3+50N		<5	79	1.7	0.5	76
S1 L142E 3+75N		<5	64	1.4	0.7	80
S1 L142E 4+00N		<5	32	2.4	0.6	41
S1 L142E 4+25N		7	64	1.2	0.6	79
S1 L142E 4+50N		<5	45	1.0	0.8	93
S1 L142E 4+75N		<5	57	1.7	<0.1	53
S1 L142E 5+00N		9	151	1.9	2.9	395



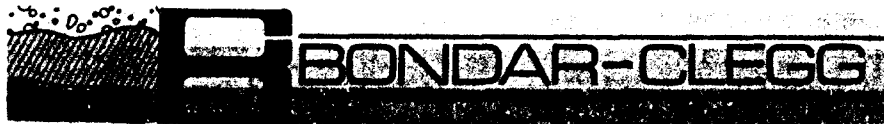
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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Ag PPM	Pb PPM
S1 L142E 5+25N		<5	161	1.6	0.8	133
S1 L142E 5+50N		6	37	1.2	0.4	70
S1 L142E 5+75N		<5	22	1.0	0.7	49
S1 L142E 6+00N		<5	65	2.1	0.3	98
S1 L142E 6+25N		14	40	1.5	0.3	47
S1 L142E 6+50N		<5	7	0.8	0.2	8
S1 L142E 6+75N		8	105	2.1	0.8	164
S1 L142E 7+00N		8	126	1.9	0.4	92
S1 L142E 7+25N		8	144	2.3	0.6	101
S1 L142E 7+50N		11	154	2.3	0.4	113
S1 L142E 7+75N		<5	34	0.9	0.4	9
S1 L142E 8+00N		14	310	2.6	0.8	315
S1 L142E 8+25N		<5	488	1.8	0.6	415
S1 L142E 8+50N		<5	110	1.7	0.6	68
S1 L142E 8+75N		9	369	1.9	0.9	149
S1 L142E 9+00N		9	227	6.0	1.3	285

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Geochemical  
 Lab Report

REPORT: 127-8658 ( COMPLETE )

REFERENCE INFO:

CLIENT: AURUM GEOLOGICAL CONSULTANTS INC.  
 PROJECT: CROESUS

SUBMITTED BY: H. KEYSER  
 DATE PRINTED: 16-NOV-87

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au Gold	320	5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
2	As Arsenic	320	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
3	Sb Antimony	320	0.2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
4	Pb Lead	320	2 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
5	Ag Silver	320	0.1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	320	1 -80	320	DRY, SIEVE -80	320

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 CROESUS RESOURCES INC.  
 KELAN RESOURCES INC.

INVOICE TO: AURUM GEOLOGICAL CON. INC



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Pb PPM	Ag PPM
S1 L49E 200S		10	239	2.9	114	2.4
S1 L49E 150S		<5	23	0.6	23	1.0
S1 L49E 100S		<5	224	2.1	90	1.8
S1 L49E 050S		120	255	1.8	86	1.1
S1 L49E 050N		<5	47	1.4	23	0.6
S1 L49E 100N		<5	53	1.0	21	0.2
S1 L49E 150N		<5	25	0.8	23	0.4
S1 L49E 200N		<5	67	1.2	60	0.6
S1 L49E 250N		<5	134	1.3	130	1.3
S1 L49E 300N		<5	102	1.3	133	1.2
S1 L49E 350N		59	3890	62.8	1550	6.0
S1 L49E 400N		6	92	5.4	285	3.4
S1 L49E 450N		17	458	19.0	730	5.3
S1 L49E 500N		<5	40	4.5	163	2.8
S1 L49E 550N		<5	213	13.0	325	2.5
S1 L49E 600N		<5	198	9.0	141	1.2
S1 L49E 650N		<5	336	13.0	265	1.8
S1 L49E 700N		<5	144	2.6	116	3.2
S1 L49E 750N		9	163	11.0	210	1.9
S1 L49E 800N		<5	328	7.9	265	1.8
S1 L50E 200S		<5	226	1.8	66	0.8
S1 L50E 150S		<5	98	1.3	40	0.4
S1 L50E 100S		9	154	1.4	66	1.0
S1 L50E 050S		11	108	1.2	66	0.7
S1 L50E 050N		<5	152	1.2	33	0.6
S1 L50E 100N		<5	602	2.6	154	1.6
S1 L50E 150N		<5	70	0.9	13	0.1
S1 L50E 200N		<5	89	1.6	78	0.5
S1 L50E 250N		<5	65	1.1	123	0.4
S1 L50E 300N		<5	134	1.3	72	0.1
S1 L50E 350N		<5	166	1.8	145	0.5
S1 L50E 400N		<5	205	3.1	485	2.0
S1 L50E 450N		<5	32	0.6	66	0.7
S1 L50E 500N		<5	376	3.9	390	3.0
S1 L50E 550N		22	408	13.0	1050	6.7
S1 L50E 600N		<5	429	15.0	650	5.4
S1 L50E 650N		20	518	13.0	1300	6.4
S1 L50E 700N		<5	247	9.1	380	4.3
S1 L50E 750N		<5	111	4.5	142	1.2
S1 L50E 800N		<5	77	3.7	69	0.5

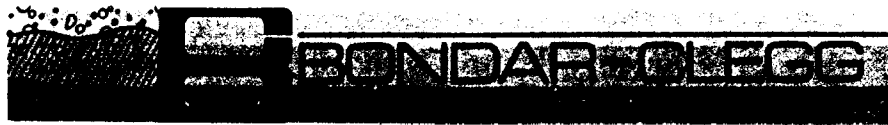


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Pb PPM	Ag PPM
S1 L107E 300S		8	15	1.2	62	0.1
S1 L107E 275S		10	15	1.1	69	0.2
S1 L107E 250S		<5	9	0.9	37	0.4
S1 L107E 225S		<5	13	1.3	54	0.4
S1 L107E 200S		<5	16	1.2	66	0.1
S1 L107E 175S		<5	4	0.7	7	0.1
S1 L107E 150S		<5	10	1.2	80	0.2
S1 L107E 125S		<5	14	1.1	79	0.1
S1 L107E 100S		<5	45	2.5	130	0.5
S1 L107E 075S		9	441	4.6	300	1.2
S1 L107E 050S		<5	123	2.2	106	0.3
S1 L107E 025S		<5	203	2.4	166	0.4
S1 L107E BLO		12	319	4.0	265	1.1
S1 L107E 025N		<5	126	3.3	171	0.5
S1 L107E 050N		9	156	4.4	380	3.8
S1 L107E 075N		<5	26	1.2	36	0.1
S1 L107E 100N		<5	57	1.0	78	0.4
S1 L109E 350S		8	16	1.5	34	0.2
S1 L109E 325S		<5	19	1.1	31	0.2
S1 L109E 300S		<5	16	1.3	38	0.1
S1 L109E 275S		<5	18	1.7	108	0.6
S1 L109E 250S		9	12	1.3	42	0.4
S1 L109E 225S		<5	20	1.8	71	0.5
S1 L109E 200S		<5	17	1.5	56	0.6
S1 L109E 175S		<5	4	0.6	5	0.1
S1 L109E 150S		<5	24	1.5	65	0.2
S1 L109E 125S		11	69	3.5	142	0.4
S1 L109E 100S		<5	46	2.0	44	0.1
S1 L109E 075S		11	12	1.0	18	0.1
S1 L109E 050S		<5	26	1.5	22	0.1
S1 L109E 025S		8	41	1.6	68	0.1
S1 L109E BLO		7	36	1.2	67	0.2
S1 L109E 025N		<5	51	1.2	74	0.5
S1 L109E 050N		7	47	1.2	102	0.4
S1 L111E 400S		13	13	1.2	28	0.1
S1 L111E 375S		<5	14	1.3	59	0.3
S1 L111E 350S		10	15	1.7	50	0.4
S1 L111E 325S		9	23	2.4	87	0.6
S1 L111E 300S		12	24	1.3	60	0.4
S1 L111E 275S		<5	29	1.1	49	0.2



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Pb PPM	Ag PPM
SI L111E 250S		<5	19	1.2	32	0.1
SI L111E 225S		<5	5	0.7	7	0.2
SI L111E 200S		<5	13	1.0	16	0.1
SI L111E 175S		<5	17	1.3	24	0.1
SI L111E 150S		<5	34	1.2	14	0.1
SI L111E 125S		<5	35	1.6	15	0.1
SI L111E 100S		6	19	1.6	34	0.2
SI L111E 075S		<5	15	1.4	56	0.4
SI L111E 050S		<5	20	2.1	70	0.4
SI L111E 025S		<5	18	1.6	65	0.6
SI L111E BLO		5	21	1.4	80	0.2
SI L113E 400S		5	10	1.0	25	0.2
SI L113E 375S		<5	9	1.1	34	0.3
SI L113E 350S		8	9	0.9	20	0.3
SI L113E 325S		<5	9	1.1	16	0.1
SI L113E 300S		<5	5	0.7	13	0.3
SI L113E 275S		21	17	1.3	22	0.2
SI L113E 250S		13	9	1.0	23	0.2
SI L113E 225S		<5	15	1.4	32	0.1
SI L113E 200S		<5	16	1.6	47	0.2
SI L113E 175S		160	44	2.7	31	0.4
SI L113E 150S		130	74	3.2	46	0.7
SI L113E 125S		100	55	3.8	25	0.1
SI L113E 100S		<5	11	0.8	14	0.2
SI L113E 075S		13	65	2.3	44	0.2
SI L113E 050S		5	12	1.0	14	0.2
SI L113E 025S		8	20	1.1	71	0.1
SI L113E BLO		<5	25	1.4	37	0.1
SI L115E 300S		6	11	1.1	22	<0.1
SI L115E 275S		15	15	1.2	29	<0.1
SI L115E 250S		17	27	1.4	42	0.2
SI L115E 225S		13	23	1.2	61	0.5
SI L115E 200S		5	14	1.2	54	0.5
SI L115E 175S		10	19	1.9	89	0.3
SI L115E 150S		<5	12	1.3	51	0.2
SI L115E 125S		9	13	1.3	46	0.2
SI L115E 100S		<5	13	1.0	33	0.1
SI L115E 075S		<5	25	1.4	51	0.2
SI L115E 050S		10	111	4.7	305	2.4
SI L115E 025S		<5	12	1.2	31	0.2



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Pb PPM	Ag PPM
S1 L115E BLO		6	10	1.1	38	0.3
S1 L115E 025N		10	150	10.0	1300	5.6
S1 L115E 050N		13	62	3.6	230	2.0
S1 L115E 075N		12	19	1.4	54	0.6
S1 L115E 100N		<5	17	1.2	47	0.3
S1 L117E 200S		<5	9	0.8	24	0.2
S1 L117E 175S		<5	8	0.9	26	0.3
S1 L117E 150S		<5	12	1.1	34	0.3
S1 L117E 125S		8	17	1.2	40	0.4
S1 L117E 100S		5	13	1.0	44	0.3
S1 L117E 075S		9	28	1.3	92	1.3
S1 L117E 050S		18	195	24.8	995	10.0
S1 L117E 025S		8	83	4.5	225	1.7
S1 L117E BLO		<5	72	2.9	275	1.5
S1 L117E 025N		<5	66	4.8	285	2.1
S1 L117E 050N		7	48	3.1	315	2.8
S1 L117E 075N		6	18	1.7	67	0.7
S1 L117E 100N		7	12	1.0	57	0.4
S1 L117E 125N		<5	18	1.2	87	0.3
S1 L117E 150N		<5	42	4.5	525	0.6
S1 L117E 175N		<5	34	2.0	92	0.2
S1 L117E 200N		<5	37	2.2	230	0.6
S1 L119E BLO		<5	87	1.3	52	0.1
S1 L119E 025N		<5	37	1.5	75	0.2
S1 L119E 050N		11	105	1.5	240	0.7
S1 L119E 075N		<5	18	0.9	53	0.1
S1 L119E 100N		<5	18	1.1	113	0.1
S1 L119E 125N		6	17	1.3	22	0.2
S1 L119E 150N		<5	20	1.0	61	0.2
S1 L119E 175N		9	112	1.8	265	0.4
S1 L119E 200N		<5	72	2.2	61	0.5
S1 L119E 225N		<5	104	1.5	183	0.7
S1 L119E 250N		<5	128	2.1	265	0.4
S1 L119E 275N		<5	143	1.6	260	0.5
S1 L119E 300N		12	191	2.1	230	2.6
S1 L119E 325N		7	88	1.4	160	0.6
S1 L119E 350N		<5	85	1.5	134	0.4
S1 L119E 375N		17	119	1.6	138	2.2
S1 L119E 400N		<5	268	3.9	235	0.7
S1 L121E 100N		7	39	1.1	79	0.1

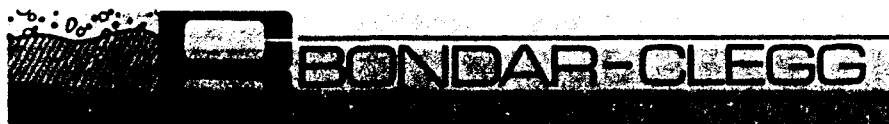


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Pb PPM	Ag PPM
SI L121E 125N		<5	85	1.1	128	1.1
SI L121E 150N		<5	9	0.6	66	0.4
SI L121E 175N		<5	227	1.4	200	0.2
SI L121E 200N		<5	74	1.0	149	0.3
SI L121E 225N		13	29	1.2	167	0.1
SI L121E 250N		11	182	9.4	760	1.0
SI L121E 275N		21	143	3.6	380	1.3
SI L121E 300N		10	143	1.5	235	1.2
SI L121E 325N		11	124	1.6	192	1.2
SI L121E 350N		<5	97	1.7	171	0.6
SI L121E 375N		16	271	4.3	160	1.6
SI L121E 400N		11	326	5.3	205	2.6
SI L121E 425N		14	202	3.2	180	1.2
SI L121E 450N		12	152	3.5	109	0.8
SI L121E 475N		22	278	6.6	375	5.0
SI L121E 500N		10	69	1.3	82	1.5
SI L123E 200N		<5	125	1.6	165	0.3
SI L123E 225N		7	112	2.0	225	0.8
SI L123E 250N		10	68	1.5	152	0.5
SI L123E 275N		16	122	2.3	144	0.5
SI L123E 300N		13	429	8.2	465	0.4
SI L123E 325N		6	115	2.7	245	0.8
SI L123E 350N		31	333	7.5	370	1.5
SI L123E 375N		6	40	1.2	56	0.5
SI L123E 400N		<5	32	1.0	72	0.4
SI L123E 425N		7	39	1.3	56	0.2
SI L123E 450N		6	74	1.3	168	0.6
SI L123E 475N		8	49	1.0	76	2.5
SI L123E 500N		<5	38	0.9	84	1.3
SI L123E 525N		5	46	1.3	57	0.3
SI L123E 550N		12	16	0.9	29	1.3
SI L123E 575N		14	76	3.7	275	0.7
SI L123E 600N		15	71	1.9	89	0.5
SI L125E 250N		<5	58	1.1	73	0.4
SI L125E 275N		<5	217	2.2	230	0.2
SI L125E 300N		7	70	1.0	72	0.6
SI L125E 325N		<5	113	1.7	149	0.5
SI L125E 350N		14	226	2.1	210	1.1
SI L125E 375N		9	103	1.6	157	0.6
SI L125E 400N		11	64	1.5	96	0.6



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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Pb PPM	Ag PPM
S1 L125E 425N		6	71	1.4	166	0.2
S1 L125E 450N		7	46	1.1	74	0.2
S1 L125E 475N		14	276	2.9	400	0.3
S1 L125E 500N		<5	89	1.2	41	0.3
S1 L125E 525N		<5	24	1.4	27	0.2
S1 L125E 550N		<5	38	1.6	46	0.3
S1 L125E 575N		10	19	1.2	36	0.4
S1 L125E 600N		<5	86	2.2	90	0.6
S1 L125E 625N		<5	8	0.8	14	0.5
S1 L125E 650N		5	24	1.1	37	0.6
S1 L127E 250N		6	31	1.5	72	0.5
S1 L127E 275N		<5	19	1.4	29	0.3
S1 L127E 300N		14	67	1.6	130	0.2
S1 L127E 325N		<5	28	1.0	54	0.5
S1 L127E 350N		14	106	1.9	210	1.2
S1 L127E 375N		8	74	1.7	160	0.4
S1 L127E 400N		17	197	19.0	1150	3.0
S1 L127E 425N		9	60	3.7	175	0.8
S1 L127E 450N		7	25	1.9	74	0.5
S1 L127E 475N		<5	293	3.3	235	2.0
S1 L127E 500N		<5	29	1.3	59	0.2
S1 L127E 525N		13	18	1.0	27	0.2
S1 L127E 550N		7	47	1.5	97	0.2
S1 L127E 575N		<5	54	1.4	121	0.4
S1 L127E 600N		<5	120	3.2	87	0.4
S1 L127E 625N		<5	50	2.3	103	0.5
S1 L127E 650N		<5	64	2.3	90	0.4
S1 RF-1		<5	798	8.5	360	0.7
S1 RF-2		17	3540	8.4	410	1.5
S1 RF-3		23	567	4.8	270	0.3
S1 RF-4		14	82	2.9	25	0.2
S1 RF-5		10	79	3.3	23	0.1
S1 RF-6		<5	194	7.5	210	0.6
S1 RF-7		<5	307	7.7	146	1.4
S1 RF-8		11	216	6.6	161	1.2
S1 RF-9		<5	306	8.1	265	2.2
S1 RF-10		<5	1040	171.0	3750	31.0
S1 RF-11		33	89	11.0	310	0.8
S1 RF-12		13	741	10.0	225	1.1
S1 RF-13		<5	164	3.8	122	0.8

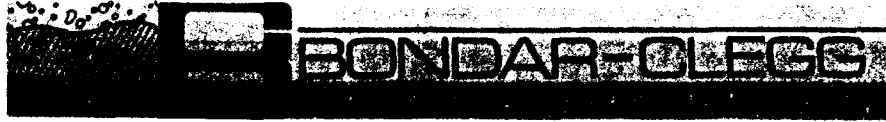


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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	As PPM	Sb PPM	Pb PPM	Ag PPM
S1 RF-14		110	6680	27.6	550	13.0
S1 RF-15		37	2250	27.0	255	4.7
S1 BL0100W		6	111	1.4	215	0.7
S1 BL0150W		8	74	1.2	94	0.7
S1 BL0200W		12	40	1.0	95	1.0
S1 BL0250W		<5	26	0.8	30	0.4
S1 BL0300W		<5	44	0.7	32	0.1
S1 BL0350W		<5	37	1.1	56	0.4
S1 BL0400W		<5	32	1.0	44	0.2
S1 BL0450W		<5	18	0.9	27	0.1
S1 BL0500W		<5	26	0.9	21	0.2
S1 BL0550W		6	23	1.1	38	0.1
S1 BL0600W		<5	13	0.9	17	0.1
S1 BL0650W		<5	10	0.8	19	0.3
S1 BL0700W		<5	13	0.8	19	0.2
S1 BL0750W		<5	6	0.6	5	0.1
S1 BL0800W		<5	11	0.9	22	0.3
S1 BL0850W		11	34	1.0	245	0.1
S1 BL0900W		<5	76	1.5	86	0.4
S1 BL0950W		<5	112	1.9	65	0.3
S1 BL1000W		<5	141	3.9	168	0.4
S1 BL1050W		<5	146	6.4	178	0.6
S1 BL1100W		9	147	4.1	94	0.2
S1 BL1150W		<5	153	6.4	103	0.3
S1 BL1200W		9	207	1.6	104	0.2
S1 BL1250W		<5	77	1.1	32	0.1
S1 BL1300W		7	164	1.9	37	0.1
S1 BL1350W		<5	51	1.7	21	<0.1
S1 BL1400W		<5	22	0.9	10	0.1
S1 BL1450W		8	57	1.5	16	0.1
S1 BL1500W		6	39	0.9	18	0.4
S1 BL1550W		<5	61	1.6	32	0.3
S1 BL1600W		13	73	1.4	29	0.2
S1 BL1650W		9	53	1.1	23	0.2
S1 BL1700W		<5	65	1.2	18	<0.1
S1 BL1750W		<5	75	1.3	15	0.1
S1 BL1800W		10	138	1.7	29	0.1
S1 BL1850W		6	80	1.4	22	0.1
S1 BL1900W		8	210	2.3	88	0.2
S1 BL1950W		<5	100	1.1	24	0.4



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SAMPLE NUMBER	ELEMENT UNITS	Au PPR	As PPM	Sb PPM	Pb PPM	Ag PPM
S1 BL2000W		9	120	1.2	32	0.5
S1 BL2050W		<5	48	1.3	20	0.2
S1 BL2100W		12	70	1.9	30	0.2
S1 BL2150W		11	93	2.2	33	0.2
S1 BL2200W		10	133	2.5	34	0.6
S1 BL2250W		10	109	2.3	31	0.1
S1 BL2300W		<5	62	1.7	18	0.1
S1 BL2350W		10	179	2.8	55	0.4
S1 BL2400W		<5	114	2.5	38	0.1
S1 BL2450W		<5	6	0.7	3	0.2
S1 BL2500W		<5	126	3.0	62	0.4
S1 BL2550W		6	134	3.1	82	0.4
S1 BL2600W		<5	102	2.2	59	0.7
S1 BL2650W		<5	62	2.6	31	0.2
S1 BL2700W		<5	151	4.5	45	0.2
S1 BL2750W		<5	18	1.0	32	0.2
S1 BL2800W		<5	32	1.1	57	0.4
S1 BL2850W		<5	106	3.7	132	0.3
S1 BL2900W		7	121	3.2	141	0.5
S1 BL2950W		13	120	1.7	69	0.8
S1 BL3000W		<5	119	1.6	65	0.8
S1 BL3050W		<5	101	1.4	38	0.4
S1 BL3100W		<5	65	1.5	38	0.4
S1 BL3150W		<5	56	1.0	25	0.2
S1 BL3200W		8	65	1.5	27	0.2
S1 BL3250W		<5	43	0.8	21	0.4
S1 BL3300W		15	101	1.4	33	0.2
S1 BL3350W		6	80	1.6	55	0.6
S1 BL3400W		<5	251	1.8	61	1.0
S1 BL3450W		9	129	1.3	49	0.4
S1 BL5E 000		8	197	1.7	36	0.5
S1 BL5E 050		29	802	5.0	220	3.3
S1 BL6E		17	330	2.7	143	1.4
S1 GS-87-01		<5	82	1.9	48	0.5
S1 GS-87-02		<5	76	2.9	68	0.4
S1 GS-87-03		12	428	40.8	390	4.1
S1 GS-87-04		<5	127	3.1	140	0.9
S1 GS-87-05		6	110	1.8	120	0.9
S1 GS-87-06		6	35	0.8	49	0.2
S1 GS-87-07		<5	42	1.2	39	0.4