Report of 1996 Geological, Geochemical, and Geophysical Exploration Work Done on Sheslay 1-7 and Free Mineral Claims

NTS 104K/09
Atlin Mining Division
British Columbia

by

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LOCATION AND ACCESS

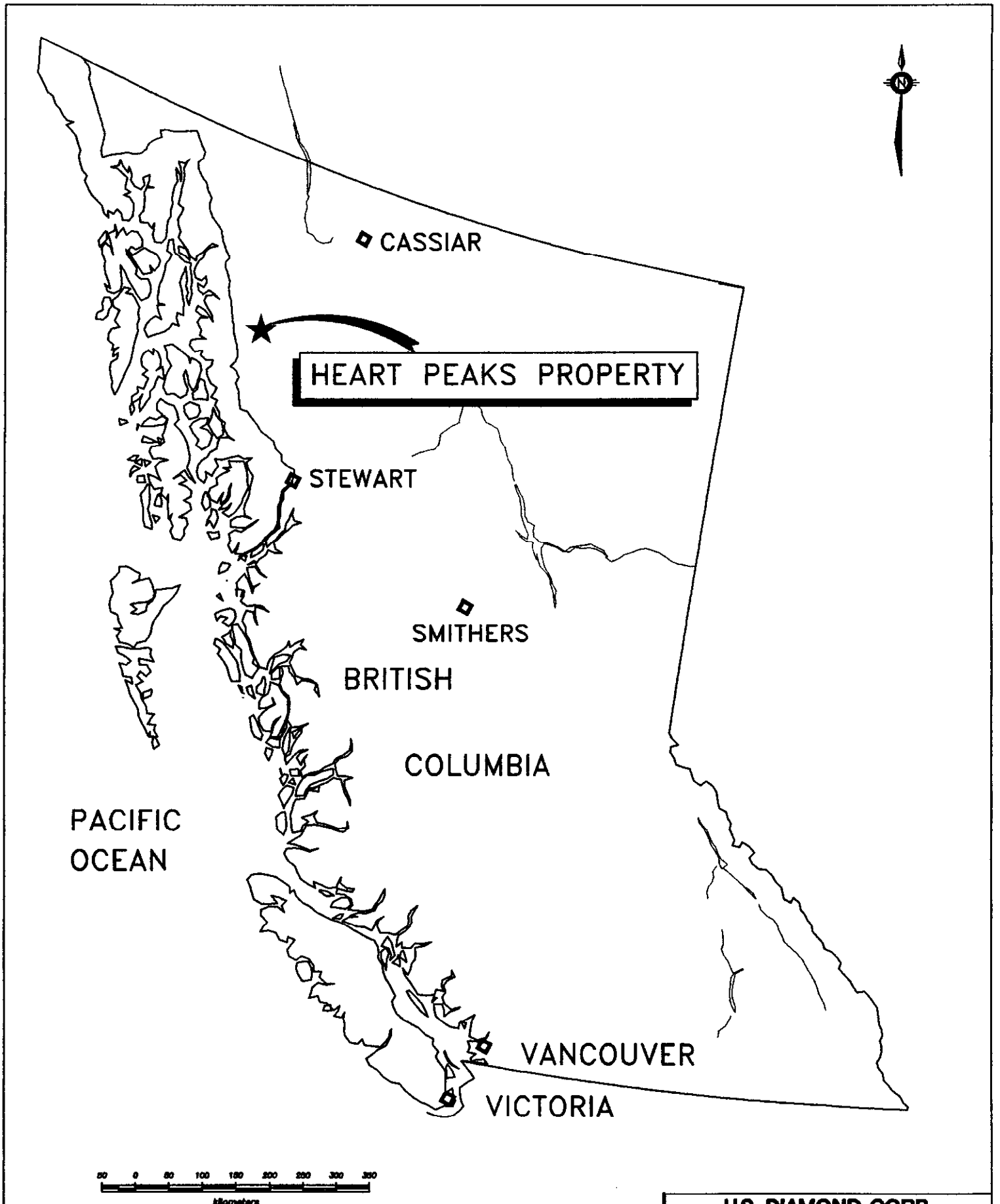
The Heart Peaks property is located 145 kilometres southeast of Atlin British Columbia. The property is located on NTS map sheet 104 K/9 (East Half). The property is located on sub-alpine to alpine terrain at an approximate elevation of 1480 metres.

Access to the property is by float equipped fixed wing aircraft from either Atlin, Dease Lake or, Telegraph Creek to Tatsamenie Lake which is 35 km southwest of the property and then by helicopter to the property. All materials to support an exploration program can be expedited out of either Atlin or Dease Lake.

PROPERTY DESCRIPTION AND OWNERSHIP

The property consist of eight 20 unit mining claims which in total cover a surface area of 3900 hectares. The Sheslay 1 to 7 claims form a contiguous block with the Free Claim being non-contiguous. The claims are all located and recorded within the Atlin Mining Division of British Columbia.

The claims are the subject of an option agreement dated July 24,1996 between US Diamond Corp. and Inukshuk Capital Inc. whereas US Diamond Corp. may earn a 80% un-divided interest in the property by completing the terms of the agreement. The agreement calls for payment of $65,000 upon signing of the agreement and for the transfer of $100,000 in funds to Inukshuk to cover the costs of preliminary exploration to be carried out by Inukshuk. In addition to the cash payments, the option agreement calls for the transfer of 200,000 shares of US Diamond Corp. to Inukshuk in four equal lots of 50,000 over the next four years. A work commitment which totals $2,000,000 in exploration expenditures to be completed between the date of signing and December 31,1998 is included within the July 24, 1996 agreement. An underlying royalty of 3% will be retained by Inukshuk upon completion of the US Diamond Corp. option. In addition to the 3% royalty, Inukshuk will also retain a 20% carried interest in the property.



U.S. DIAMOND CORP.

SHESLEY AND FREE CLAIMS
LOCATION MAP

SCALE: AS SHOWN	DATE:MARCH 1987	FIGURE 1
APPROVED BY: D.L.A.	FILE: HPFIG1.DWG	

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TABLE 1 - Hearts Peak Property Detail Claim Listing

Claim	Record No.	Record Date	Claim Size	Anniversary
Free	337331	July 1, 1996	20 Units	July 1, 1997
Sheslay 1	337332	June 26, 1996	20 Units	June 26, 1997
Sheslay 2	337333	June 26, 1996	20 Units	June 26, 1997
Sheslay 3	337334	June 26, 1996	20 Units	June 26, 1997
Sheslay 4	337335	June 26, 1996	20 Units	June 26, 1997
Sheslay 5	337336	June 26, 1996	20 Units	June 26, 1997
Sheslay 6	337337	June 26, 1996	20 Units	June 26, 1997
Sheslay 7	359085	July 25, 1996	16 Units	July 25, 1997
TOTAL			**156 Units (3900 ha.)**	

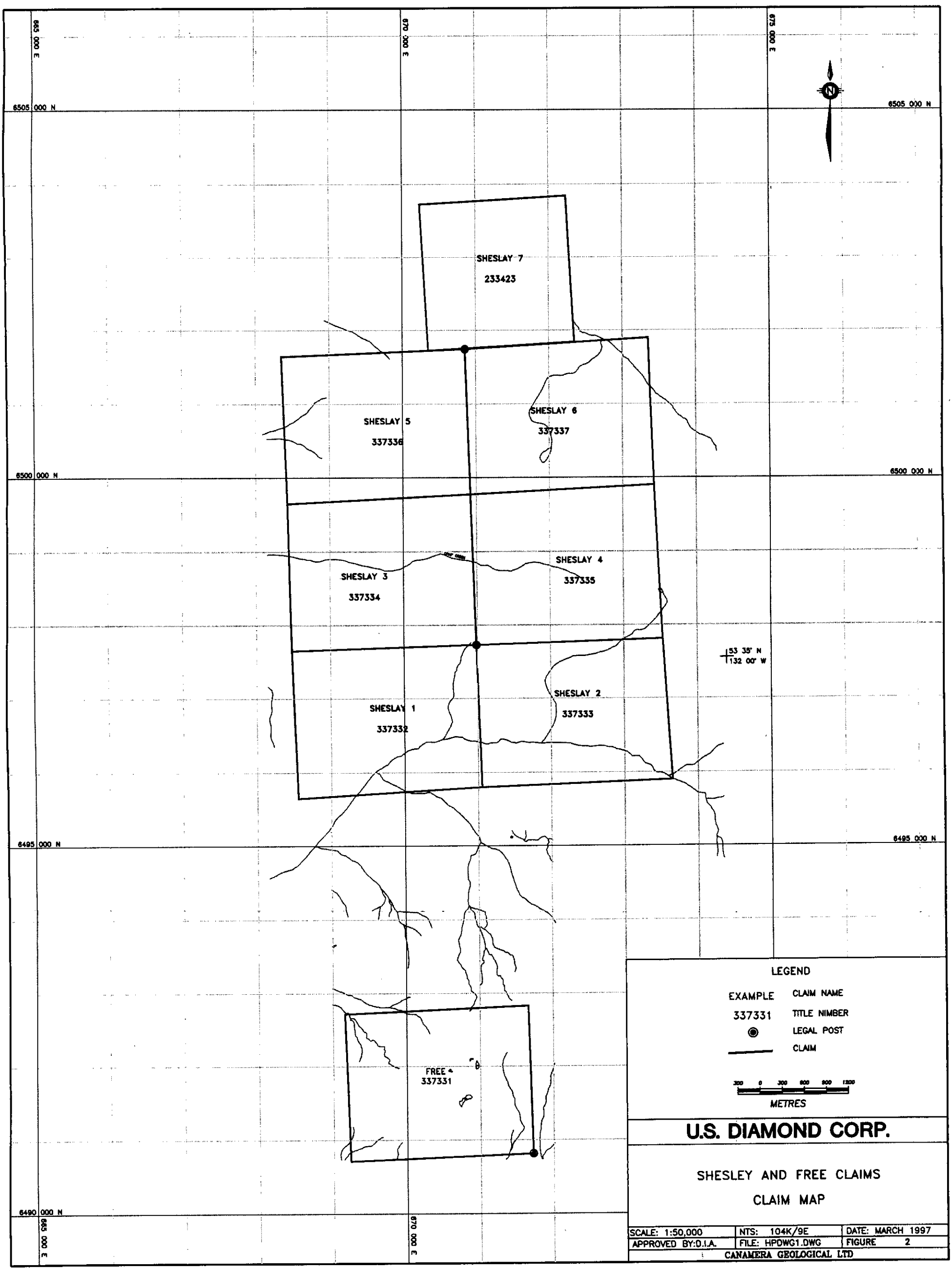
PREVIOUS EXPLORATION

During 1980, J.C. Stephen Exploration Ltd. located rusty weathered quartz veins within siliceous and pyritic rhyolites and trachyte breccias in Hearts Peak area. Analysis of samples from this area indicated anomalous levels of gold. On behalf of a syndicate (Newmont Canada, Lornex and, J.C. Stephen) the Hart 1-6 claims were located over the Hearts Peak area.

During 1981, the syndicate completed a geological and geochemical program over the project area. The property was gridded, mapped and 339 rock, soil, and talus samples were collected for geochemical analyses. Values of up to 15 ounces per ton silver and 6.5 grams per tonne gold were recorded.

During 1982, the geological and geochemical programs were continued along with limited trenching and sampling of some of the quartz veins. No new significant mineralization was detected.

In 1983, Lornex opted out of the syndicate and a new partner, Kerr Addison Mines Ltd., joined the group. During 1983, 49 line kilometres of grid were placed on the property to serve as survey control for the continued exploration. A VLF EM-16 geophysical survey


665 000 E
670 000 E
675 000 E
6505 000 N
6500 000 N
6495 000 N
6490 000 N
SHESLAY 7
233423
SHESLAY 5
337336
SHESLAY 6
337337
SHESLAY 3
337334
SHESLAY 4
337335
SHESLAY 1
337332
SHESLAY 2
337333
FREE 4
337331
53 35' N
132 00' W
LEGEND
EXAMPLE
CLAIM NAME
337331
TITLE NIMBER
LEGAL POST
CLAIM
300 0 300 600 900 1200
METRES
U.S. DIAMOND CORP.
SHESLEY AND FREE CLAIMS
CLAIM MAP
SCALE: 1:50,000
NTS: 104K/9E
DATE: MARCH 1997
APPROVED BY:D.I.A.
FILE: HPDWG1.DWG
FIGURE 2
CANAMERA GEOLOGICAL LTD

was completed over the property Grid. Geological mapping and prospecting was continued through the 1983 season. During 1983, 519 talus fines and soil samples were collected and analyzed and 139 rock chip samples were collected and assayed.

During 1984 Kerr Addison on behalf of the syndicate completed a diamond drill program. Eight wide spaced shallow drill holes were completed in three areas for a total of 1972.3 metres of NQ drilling. No economic levels of gold and silver mineralization were encountered during the 1984 drilling.

TABLE 3 - Table of 1984 Kerr Addison Mines Ltd. Drilling

Drill Hole	Claim	Zone	Depth (m)
84-1	Hart 3	Top	214.9
84-2	Hart 3	Top	278.4
84-3	Hart 3	Top	220.0
84-4	Hart 3	Quartz Hill	210.3
84-5	Hart 3	Quartz Hill	252.1
84-6	Hart 4	Steep	191.8
84-7	Hart 4	Steep	217.3
84-8	Hart 3	Top	387.5
TOTAL			**1972.3**

No exploration work has been conducted at the Hearts peak property since the 1984 drilling.

Scope of Work

The 1996 geological exploration program on the Heart Peaks property consisted of staking Sheslay 7 on the north side of the original claim block, geological mapping, minor rock sampling, drilling two cored holes and thin section examination of samples from drill core. This work is discussed under property geology. Thin section results are in the appendix.

Heavy mineral concentrates (HMC) and silt samples were collected across and beyond the Sheslay and Free claims. The results of this work are reported along with structural and mineralization data.

Soil sampling was done on two reconnaissance lines and IP test surveying was tried on three lines in the valley of Camp Creek.

Regional Geology

The Sheslay Claims cover a group of trachyte and lesser rhyolite centers of the Tertiary age Heart Peaks Formation. Immediately west and overlying are the basalts of the Plio-Pleistocene Level Mountain Formation. The age and bimodality of the Heart Peaks suite are comparable to other areas in northwestern British Columbia, notably Mt. Edziza and Level Mtn. Northerly or north-northeasterly trends within these volcanic edifices are ascribed, by Souther (1977), to east-west crustal extension accompanying slip on the Queen Charlotte fault system.

To the west, unconformably underlying the Heart Peaks Formation, are chert pebble conglomerates and shales of the Lower Jurassic Takwahoni formation on the southern limb of a east-west trending anticline. At the center of the anticline, to the north, mafic volcanic flows of the Triassic Stuhini group are found. Immediately to the north of this is the northwest trending King Salmon Thrust Fault, juxtaposing Triassic sediments of the Sinwa formation and Jurassic sediments of the Inklin Formation.

Section 1: SHESLAY Claims

Conclusions and Observations

HMC and silt sampling in major west flowing creeks and minor tributaries indicate that sampled creeks do not cut through any significant Au or Ag mineralization. The highest Au and Ag values of 1124 ppb and 7.3 ppm are exceeded by sampling on the Ant or Bing claim blocks which returned up to 1434 ppb Au and 9.2 ppm Ag and 1776 ppb Au respectively. Arsenic up to 2880 ppm in main creeks and up to 2550 ppm in tributaries on the Sheslay claims indicates that there is an As source, exposed by bedrock

erosion, that has not been found. Although As is associated with the known epithermal veins, it is described as a rare associate and 1996 sampling confirms a commonly low As content in the Top Zone epithermal veins. Disseminated pyrite drilled in 1996 all had <5 ppm As even with up to 790 ppb Au.

Ag, Ag-As-Pb and As-Pb HMC values indicate that the Top Zone is along a 7 km long, approximately N-S structural trend. This trend is at about 670,600 E in the south portion of the Sheslay claims and at 670,500 to 670,900 E near the north boundary of the claims. Maximum Au and Ag values in HMC associated with this structural trend are only 314 ppb Au and 7.3 ppm Ag. The absence of Au anomalies in HMC or silt samples and the low levels of Ag, As and Pb indicates that economic Au or Ag mineralization is not transected by sampled creeks in the Top and Steep Zone area, and that the potential for economic mineralization is low.

The position of this structural trend is difficult to define in Camp Creek. It is undrilled except possibly, in part, 400 m upcreek to the west where DDH HP 96-1 traverses the area at a level below the base of Heart Peaks rhyolitic rocks across a portion of its 135 m horizontal projection. DDH HP 96-1 did not indicated a fault or fracture system at depth.

A second N-S structural trend parallel to the trend through the Top Zone is located 700 to 1000 m to the east. It is indicated by Au values of up to 1124 ppb in HMC. This possible structural trend extends to the north at least for 2.5 km based on HMC samples with 900 to 1124 ppb Au and is indicated to be at least 5 km long from photolinears. However, the low Au, values in HMC samples and absence of other indicator elements suggests that this structural trend is poorly mineralized or that its level of exposure is above potentially economic mineralization. No drilling or other exploration has been done in the area of this trend.

A strong, short strike length photolinear indication of a fault, associated with an alunite occurrence, occurs in the creek along the west flank of Steep Zone. This possible structure, which has not been drill tested. It is spatially associated with the weak Au

indication in DDH HP 96-1, and has vein occurrences along its east side which were drilled by DDH 84-6 and 7.

The lowest observed indication of the paleosurface for Heart Peaks Formation hot springs activity is at an elevation of 1390 m. Bonanza type Ag-Au mineralization on the property would be expected at 350 to 500 m below this level. Previous drilling penetrated as low as 1040 m. One of two 1996 holes penetrated to 890 m and returned up to 0.79 g/t Au with a low Ag:Au.

The Heart Peaks Formation appears to be sheet like in the central portion of the property but is truncated by an inferred N-S fault or possible formation edge at about 669,000 E. West of 669,000 E, Takwahoni Formation arkose occurs at elevations of up to 1250 m. This may indicate that the rhyolitic volcanic center of flow domes and phreatic breccias occurs in a graben at least 4 km wide.

DDH HP 96-1 intersected in situ rhyolitic breccia with 2-5% veinlet pyrite, 1-2 % quartz-calcite infilling breccia and fractures with trace to 5% pyrite and minor disseminated pyrite in breccia matrix. A portion of the mineralization had up to 0.79 g/t Au with a Ag:Au of 1.4:1. This mineralization is below the level of the Takwahoni-Heart Peaks unconformity. It may indicate better Ag:Au lower in the system, or may be of no relevance. However, mineralization from previous work indicates high Ag:Au with 72.0:1 from all 1983 sampling with >0.015 g/t Au and up to 999.0:1 from mineralized sinter near the top of the system.

One of two drill holes penetrated the Takwahoni-Heart Peaks Formation unconformity but no structures were indicated in the Takwahoni. Potentially reactive lithologies such as arkose were not significantly altered and were unmineralized.

Phreatic breccias occur over a 3 km square area. The area of breccias is centered on a major N-S linear fault trend. However, individual breccia bodies do not appear to be elongate in a N-S direction.

Ubiquitous, unaltered and unmineralized Takwahoni clasts in phreatic breccias indicates that all the breccias developed over structures cutting up through the Takwahoni Formation. Mapping of Takwahoni clasts in phreatic breccias will probably not aid in identifying major structures on the property.

Kerr Addison drilled two short holes in 1987 on small showings north of Camp Creek in the Mogul Zone area. This drilling was not filed for assessment credits so was unknown prior to 1996 field work. Fairly well preserved core indicated that no mineralization was intersected.

A 4.6 km test IP survey indicates that IP is ineffective on the property because of poor electrical contact due to poor soil development over rock scree.

Soil sampling by Kerr Addison produced soil geochemical anomalies. However, the property is not suited for systematic soil surveys due to very poor soil development and large areas of rock scree with only a thin soil cover.

Recommendations

Future exploration should be focused on deep drilling to test for possible structurally controlled mineralization. IP and soil sampling is not recommended. Three drill targets are proposed as a possible method to test subtle indications of mineralization or possible fault zones that could be mineralized. The purpose of these holes would be to determine if the interpreted mineralized areas can be confirmed by drilling to warrant continued exploration. Three drill targets are proposed in order of priority:

Drill Target 1

Two creeks along the rock glacier south of Top Zone indicate an area of anomalous Au As and Pb in HMC and silt samples that does not appear to be caused by the Au Ag, ±As epithermal vein mineralization at Top Zone. The creeks may represent an echelon pair of faults associated with the major N-S fault controlling the Heart Peaks rhyolitic centers. Consistent silt or HMC samples can not be collected in the creeks so a reliable

upstream edge can not be determined for the anomalies. A -60° hole with a horizontal projection of 200 m should be drilled at about 670,512 E, 6,496,990 N to intersect possible structures associated with both stream trends at the possible upstream edge of anomalous Au and As. A 400 m hole at -60° would provide 200 m of horizontal projection.

Drill Target 1 is based mainly on 55 to 85 ppb Au is silts in the creek along the gully occupied by the rock glacier south of Top Zone. The Au anomalies in silt are part of a Au-As-Pb association from HMC and silt samples. Although the silts with 55 to 85 ppb Au are the only Au anomalous silts in the entire Heart Peaks area sampling, these contents probably do not indicate mineralization of economic significance.

Drill Target 2

Two HMC samples in Camp Creek with 1121 and 1124 ppb Au may indicate a Au source associated with the major N-S topolinear trend on the property. This possible Au source is about 1 km east of the area of previous drilling and within a large area of intense hydrothermal alteration. HMC samples should be collected on 50 m centers on three stream branches to confirm the anomaly and define its upstream edge. A creek on the north side of the anomaly at 671,800 E may be a fault and the source of the anomaly. If the anomaly can be confirmed it should be drilled with a -60° hole with about a 200 m horizontal projection. A 400 m hole at -60° would provide the 200 m of horizontal projection. A possible location for the hole would be 671,700 E, 6,498,850 to 6,498,900 N.

The Au anomaly at Target 2 has the highest Au values in HMC for all samples in the 1996 Heart Peaks area sampling program. The anomaly is interpreted to be associated with one of two indications of Au along the major N-S structure controlling the Heart Peaks rhyolitic centers. However, it is unlikely that the Au content of the HMC indicates any mineralization of economic significance at the level of exposure. Potential may exist at depth or along strike within a potentially mineralized structure.

Drill Target 3

DDH HP 96-1 intersected in situ rhyolitic breccia with up to 0.79 g/t Au associated with pyrite and with a Ag:Au of 1.4:1. This mineralization is below the level of the Takwahoni-Heart Peaks unconformity. DDH HP 96-1 was one of two planned holes to test for possible deep structures between the two major rhyolitic bowls at Top Zone and Mogul Dome.

A 300 m hole should be drilled from the prepared pad at 6,498,900 N, 670,265 E on a bearing of 295°, inclined -70° to scissor HP 96-1. This hole would test a very strong but short photolinear at 160° along the west flank of the Steep Zone. The linear is subtly indicated, by the orientations of short creek segments, to extend north of Camp Creek for 2 km. The hole would cross the best exposure of alunite within the argillic alteration zone. This alunite occurrence is essentially on a strong photolinear indication of a fault. It would test for Au bearing pyritic mineralization associated with rhyolitic breccia below the Takwahoni-Heart Peaks unconformity and test a possible structure that may be related to a N-S fault or fault set. However, HMC sampling in Camp Creek does not indicate any anomalous values originating from possible mineralized structures along the trend of the Top, Steep and Mogul Zones.

Although proposed Drill Target 3 is near an alunite occurrence, the calcite in the Au bearing rhyolitic breccia in DDH HP 96-1 and an albite-green chlorite-carbonate assemblage determined in thin section from HP 96-1, indicates a propylitic alteration assemblage. This low temperature assemblage may indicate that the interpreted fault in the creek along Steep Zone, which is 150-200 m to the east of the hole, will not be associated with higher temperature alteration assemblages and Au mineralization.

Heart Peaks is interpreted as a low sulphidation system from the kaolinite-alunite alteration mineral association, occurrence of Ag rather than Au, minimal quartz veining and low content of sulphide minerals. However, the more common kaolin-pyrophyllite association indicates a possible high sulphidation system. If the system is low sulphidation as most of the evidence indicates, it is more likely to have Ag rather than Au deposits, so exploration directed towards Au has a lower probability of succeeding.

Property Geology and Mineralization

Introduction and Geological Model

The geological model for exploration at Heart Peaks is a low sulphidation epithermal system associated with siliceous volcanic rocks and displaying topographic features, breccia zones and areas of alteration that may indicate volcanic centers. Siliceous volcanic centers are important sources of gold and silver mineralization. The siliceous volcanic centers commonly contain caldera or caldera complexes. However, calderas are not a requisite for the development of epithermal deposits. They are important in producing large fracture systems that may channel hydrothermal fluids. Common features of siliceous volcanic centers with economic mineralization include:

- Calderas commonly occurring along major or regional scale faults in regions characterized by extensional tectonics.

- Caldera development is associated with complex breccia phases due to caldera venting, collapse, infill by tuffs, resurgence and post eruption talus formation.

- Resurgent doming forming apical grabens in the caldera fill.

- Extension and intrusion from an underlying magma chamber forming ring fracture zones and domes in both the resurgent dome and peripheral moat deposits, talus breccias, and lava domes on the flanks of the caldera with breccia carapaces.

- Mineralization is commonly associated with zones of fracturing and faulting in a volcano-plutonic regime in the lower levels of the caldera complex.

- Late stage basaltic eruptions after the siliceous magma chamber has solidified and fractured which allows basaltic magmas from the lower crust to penetrate to surface.

Features that control the loci of mineralization in caldera complexes are typically structures that developed during caldera formation or are regional faults that intersect and reactivate the caldera related structures. Some of these structures are:

- Regionally important pre-caldera fault zones that are intermittently active before and after the caldera cycle. These regional structures localized the emplacement of caldera forming magma chambers in the first place. Calderas that contain economic mineralization are characterized by a structural evolution that reflects the interaction of caldera related structures and regional fault zones. Mineralization most commonly occurs where caldera related fractures are intersected and reactivated by regional faults.

- Structures related to tumescence. Commonly arcuate, listric normal faults or inwardly dipping normal faults, that may occur along the caldera margin or may be preserved outside the caldera and may be covered by ash flow tuff related to the caldera.

- Ring fracture zones which typically are persistently active. These initially are sites for caldera-forming eruptive vents. Later they are sites for emplacement of smaller scale domes with secondary sets of ring fractures that may tap late stage ore fluids.

- Early radial faults related to resurgence.

- Caldera moat deposits overlying pre-caldera rocks where mineralization associated with ring fracture domes or faults is exposed by erosional retreat of the topographic caldera wall.

- Faults bounding apical grabens in resurgent domes.

- Intrusive phases such as stocks and mafic and felsic vent complexes, developed from the caldera forming magma chamber, that are emplaced by reactivation late in the caldera cycle.

- Grabens which have acted as a site for lava dome development and associated ring fractures outside the caldera complex.

The Heart Peaks property is within a poorly exposed and poorly known siliceous volcanic field with minor occurrences of exposed and drill indicated, silver-gold bearing epithermal vein and hot spring or sinter type of mineralization. Although Heart Peaks contains dome like or arcuate rhyolitic complexes with phreatic breccias and topographic relief, it does not display unequivocal calderas characterized by collapse over sites of explosive volcanic eruptions with underlying shallow, subsurface plutons. The main geological features of the property are:

- A 600 m thick sheet-like or graben filling formation of rhyolitic and minor andesitic and basaltic flows with dome complexes, associated with pyroclastic rocks and sinter horizons, overlain but probably not co-magmatic with continental basalts.

- Areas of phreatic breccia and minor fluidized, comminuted breccia which apparently cut through substantial portions of the entire rhyolitic section and which contain small clasts of the underlying Lower Jurassic Takwahoni Formation.

- Widespread argillic alteration with pyrophyllite, centered in the areas with phreatic breccias, and affecting all rhyolitic units.

- Minor indications of silicification and alunite which may be related to faults that may control mineralization.

- Development of a paleosurface with siliceous sinter and local opal or opaline replacement of flows and tuffs.

- Epithermal veining characterized by chalcedonic and buggy textures, locally associated with silicification and occurring within the area of alteration in both flows and breccias.

- Mineralization with an epithermal signature of Ag, Au, As, Sb, Hg characterized by high Ag:Au. The occurrence of trace Pb Zn is indicated by HMC sampling.

- Occurrence in a region characterized by moderately long strike length N and NE faults associated with E-W crustal extension (Souther, 1970).

- Association with the photolinear expression of at least one, relatively long strike length, N to NNE fault, and numerous possible associated faults.

- Possible apical grabens or reverse faults, or development in a >4 km wide graben, indicated by local relief of 100 to 200 m on the Takwahoni unconformity surface.

Lithology

Lower Jurassic Takwahoni Formation

The Takwahoni Formation underlies the Heart Peaks Formation rhyolitic rocks on the property. It consists of siltstone, sandstone, arkose and shale. It outcrops at about the 1000 m elevation in Camp Creek. The unconformity surface occurs at the 1053 m elevation in DDH HP 96-1, and it occurs as clasts in rhyolitic phreatic breccias.

The highest exposures of arkose on the property vary from about the 1100 to 1250 m elevation west of 669,000 E. Highest elevation exposures of Takwahoni Formation rocks here occur about 50 to 200 m higher than the unconformity top as indicated by DDH HP 96-1. They may represent a uplifted block from an undetermined N-S fault at about 669,000 E or they may represent an erosional high.

DDH HP 96-1 intersected Takwahoni rocks and drilled 168 m vertically below the unconformity top. Heart Peaks andesitic sills and rhyolitic breccia zones occur below the unconformity Takwahoni top. However, there was no evidence of high angle structural zones cutting through the Takwahoni. Potentially reactive lithologies such as arkose were variably to intensely clay altered. However, alteration appears to be function of proximity to Heart Peaks rocks rather than the occurrence of a reactive

sedimentary lithology or alteration focused on the unconformity surface. The rocks were unmineralized except for barren, syngenetic pyrite lenses or nodules.

Mapping and DDH HP 96-2 confirms that clasts of Takwahoni rocks occur throughout the Heart Peaks phreatic breccias. Clasts are commonly small to 1-2 cm, subangular, unaltered and vary from locally absent or rare to 2 %. At the base of DDH HP 96-2, the clast abundance increases to 12 %.

Heart Peaks Formation

Age

The Heart Peaks Formation has been assigned a Plio-Pleistocene age or assumed to be the early stage of the Late Tertiary-Quaternary volcanism of the Level Mountain Formation. However, pumpellyite in basal andesite in DDH HP 96-1 indicates low grade burial metamorphism at temperatures between 200 and 250° C. This suggests a pre-Level Mountain age, possible as old as early Tertiary.

Lithology

The Heart Peaks Formation on the property consists of mainly rhyolitic rocks and minor andesitic to basaltic sills. The rhyolitic rocks are of two main types, rhyolitic flows and associated brecciated phases and pyroclastic rocks, and phreatic breccias which locally occupy much of the section. Most of the property consists mainly of thick trachytic rhyolite flows and massive rhyolitic flows. In the area around Top Zone and Mogul Dome, and east of them, the upper portion of the section is a complex of rhyolitic flow domes, associated carapace breccias, lapilli to ash tuffs, ignimbrites, minor dacitic porhyritic flows, and thin sinter horizons or areas silicified by high level hot spring activity. Pyroclastic rocks in the upper portion of the volcanic section and siliceous sinter indicate that the paleosurface occurs at about 1350-1400 m.

Deposits from hot spring activity had previously been described only at Opal Dome. However, sinter deposits occur in the upper portion of the stratigraphy over an area 2 km wide from the 1390 m elevation at Top Zone to 1660 m near DDH HP 96-2. The

exposures of sinter are confined to 6,497,300 N to 6,498,300 N. They occur within the area characterized by argillic alteration and phreatic breccias.

Phreatic breccias are an integral part of the volcanic section. They are not mainly confined to the Top through to Mogul Zone area as previously indicated. They occur throughout an approximately 3 km by 3 km area mainly between Camp Creek and the creek to the south. The phreatic breccias are commonly strongly clay altered and poorly exposed. They probably occupy much of the deeply incised stream gullies of Camp Creek and its upper tributaries. The E-W creek at about 6,496,400 N, on the south side of the Sheslay claims, may also be underlain by phreatic breccia.

DDH HP 96-1 intersected zones of phreatic breccia cutting rhyolitic flows within 20 m of the top of the Takwahoni unconformity. The portion of the hole below the unconformity did not intersect phreatic breccias indicating that the phreatic breccia may have its source to the west of the hole.

DDH HP 96-2 is mainly within complex and variable altered phreatic breccias. Quartz veining does not occur in the breccias and mineralization is limited to rare disseminated and fine veinlet pyrite with no Au or Ag. The abundance of Takwahoni clasts increases from commonly <1% to 12% in the lowest breccia interval probably reflecting proximity to the Takwahoni-Heart Peaks unconformity. The unconformity is 140 m below the bottom of the hole based on its position in HP 96-1 and assuming a horizontal dip.

Minor andesitic and basaltic flows or sills occur in the Heart Peaks Formation. Their distribution is poorly known but they may be more abundant in the lower portion of the formation. Basaltic sills or flows in the western portion of the property may indicate that the lower portion of the formation is exposed and that the formation is occupying a basin that closes along 669,000 E where Takwahoni Formation arkose is exposed.

Drilling Results

DDH HP 96-1

HP 96-1 was drilled as part of a planned two hole fence to explore at depth the interpreted structural trend between Top and Steep Zones and Mogul Dome. It indicated phreatic breccias within 20 m of the Takwahoni unconformity, basaltic and andesitic flows in the basal portion of the Heart Peaks, mineralized rhyolitic breccia below the unconformity, Au values of up to 790 ppb with pyrite veinlets and minor quartz-calcite, and no altered or mineralized fault zones. A summary log of HP 96-1 follows:

DDH HP 96-1 was collared August 18 and completed August 24, 1996. It is located in Camp Creek between the Top and Steep Zone area and Mogul Dome at 6,448,990N; 670,428 E. It is at an elevation of 1115 m, drilled on a bearing of 115° at -60°.

The hole was cased with NQ casing to 34.7 m. The casing broke at 28.6 m during removal leaving 6.1 m of casing and the shoe bit in the ground. The entire hole was drilled NQ.

0.0m- 13.2 Overburden and talus.

13.2- 52.2 Rhyolitic Flows and Phreatic Breccias: Moderately to strongly pyrophyllite altered rhyolitic flows cut by kaolin-pyrophyllite altered phreatic breccias.

52.2- 71.4 Basaltic Flow: Clay altered at base and internally weakly altered along fractures.

71.4- 85.0 Takwahoni Arenaceous Arkose: Interbedded with minor shale. Variable, minor to intense clay alteration. Minor, 5-10 cm thick sections of 10% to semi massive pyrite, probably syngenetic.

85.0 91.4 Takwahoni Shale: Moderately clay altered.

91.4 124.6 Amygdaloidal Intermediate Flow: Medium gray, aphanitic, minor amphibole phenocrysts. Weakly clay altered along fractures, moderately to intensely altered at contacts.

124.6 143.4 Rhyolitic Breccia: Monolithic, varies from fracture breccia to clast supported, slightly rotated, breccia. Breccia developed in situ with trace seams of phreatic breccia. Intensely kaolin altered. Average 2-5% pyrite veinlets, 1-2% quartz-calcite breccia and fracture infill with trace to 5% pyrite, minor pyrite in breccia matrix.

143.4 155.3 Intermediate Flow: Weakly to moderately kaolin altered, locally brecciated.

155.3 159.9 Takwahoni Arkose and Shale: Interbedded with minor thin sedimentary breccia beds. Minor disseminated euhedral pyrite, probably syngenetic. Variably clay altered.

159.9 265.2 Takwahoni Siltstone: Interbedded with siltstone-sandstone. Unaltered.

265.2 End of hole. Hole terminated due to unaltered Takwahoni sedimentary rocks.

DDH HP 96-2

HP 96-2 was drilled to test the easterly exposure of area with rhyolitic domes and siliceous sinter. The gully NE of the hole collar exposed an inaccessible clay altered section of trachytic flows with hematite and jarosite staining that may contain sulphides. The hole intersected a thick section of dominantly kaolin altered phreatic breccias and local comminuted, rock flour fluidized breccias. Pyrite was rare and no Au, Ag or As values were indicated. A summary log follows:

DDH HP 96-2 was collared August 24, 1996. It is located near the east side of the property at 6,498,320 N; 672,485 E. It is at an elevation of 1648 m, drilling on a bearing of 090° at -60°.

The hole was cased to 106.7 m and drilled NQ to 409.0 m. NQ drilling was terminated at this point because the pipe clamp could not support the drill pipe. The NQ drill pipe was use as casing for BQ drilling from 409.0 to 524.3 m.

Drilling was terminated September 4 due to pipe breakage at the joint above the core barrel leaving the core barrel and core tube in the hole with the bit at 524.3 m. Core was recovered to the last run above the broken pipe at 521.2 m.

0.0m 11.1 Overburden

10.0- 34.0 Phreatic Breccia: Comminuted, polymictic, mainly rhyolitic clasts, minor rhyolitic sinter clasts, trace Takwahoni siltstone clasts. Matrix and clasts intensely kaolin altered, locally with pyrophyllite, trace possibly alunite .

34.0- 102.4 Rhyolitic Breccia, Brecciated Rhyolitic Sinter and Sinter: Intensely kaolin altered, minor pyrophyllite patches and veinlets, commonly stained pinkish red by hematite. Rare jarosite staining.

102.2- 168.9 Massive or Porphyritic Rhyolitic Flow: Moderately to intensely kaolin altered with 15-20%, colourless adularia crystals.

168.9- 224.2 Phreatic Breccia: Comminuted, polymictic, mainly kaolin altered rhyolitic clasts with variable textures, minor sinter clasts, possible trace Takwahoni clasts, intensely pyrophyllite altered matrix.

224.2- 272.3 Massive or Porphyritic Rhyolite Flow: Weakly to moderately kaolin altered, clay and possibly chlorite on fractures, 20%, colourless adularia crystals.

272.3- 291.0 Rhyolitic Breccia: Mainly massive and sinter or ignimbritic clasts, moderately to strongly kaolin altered, 1-3 mm rims of light gray silicification on clasts, minor pyrophyllite, 15% 1-3 mm colourless adularia crystals in both clasts and matrix indicating the adularia is late and not pseudomorphic after feldspar. Black, sooty, to very fine grained pyrite averaging <1%, locally 5% over 10 cm, in small patches and veinlets, locally occurring in interval 275.3-289.5 m.

291.0- 417.2 Phreatic Breccia: Polymictic, light gray green to medium olive green, mainly subrounded to subangular clasts of rhyolitic rock, rare amygdaloidal basalt, average <1% Takwahoni siltstone, one occurrence of coal clasts. Moderately to strongly clay altered, local sections with minor fresh rhyolitic clasts. Sections with comminuted matrix and clast sorting due to fluidization. Average <1% fine veinlet pyrite in interval 358.7-363.0 m. Trace to <1% very fine disseminated pyrite in pale, yellowish green interval 407.6-417.2 m.

417.2- 438.6 Late, Fluidized Phreatic Breccia: Polymictic, light to medium gray, comminuted. Mainly rhyolitic clasts, mainly unaltered to intensely clay altered and common, small to 1 cm Takwahoni siltstone clasts, variably clay altered. Matrix is moderately clay altered. Graded from coarse clasts at margins to fine clasts in abundant comminuted matrix with fluidization banding in center. Sections of up to 1 m of rock flour comminuted matrix with very fine banding. Breccia intrudes surrounding, intensely clay altered breccias which have dominantly rhyolitic clasts.

438.6- 480.3 Variable Phreatic and Sinter Breccia: heterolithic and variable, mainly matrix supported. Mainly finely laminated rhyolitic sinter clasts, cream to pale green, intensely clay altered, minor black siltstone Takwahoni clasts; in dark gray, aphanitic, intensely clay altered matrix. Intruded by patches of comminuted, fluidized breccia as at 417.2-438.6 m.

480.3- 514.0 Phreatic Sinter Breccia: Relatively homogenous, clast supported breccia. Mainly finely laminated rhyolitic sinter clasts, or possibly flow banded clasts, with a fibrous appearance, cream to pale green, intensely clay altered, <1%, translucent, relatively hard, commonly orange to less commonly pale green clasts, 4% black Takwahoni siltstone clasts.

514.0- 521.2 Phreatic Sinter Breccia: as above with an increase to 12%, 0.5-4 cm, subrounded, black Takwahoni siltstone clasts.

521.2 End of recovered core. Hole drilled to 524.3 m.

1987 Kerr Addison Drilling

Kerr Addison drilled two short holes in 1987 on targets north of Camp Creek, along their baseline and zone of soil geochemical anomalies. They were probably drilled on the End and Mogul Zone occurrences. This drilling was not reported for assessment filing so was unknown prior to 1996 work on the property. Core from the holes is reasonably intact but not labeled so the two holes can not be relogged. The core indicates phreatic breccias and flows similar to that drilled in the Top and Steep Zones and no mineralization or significant veining.

A hole on the End Zone was drilled at 090° from 6,499,055 N, 670,970 E. A hole on the Mogul Zone was drilled at 270° from 6,499,336 N, 671,260 E.

Structure

The exposed section of Heart Peaks Formation on the property lies on a N-S photolinear trend and associated short strike length features that can be traced across the property. The most distinct feature is a N-S linear creek on Sheslay 7 at 671,450 E. It is associated with intense fracturing in massive trachytic rhyolite flows and above background Au values in HMC samples. No fault zones are exposed in outcrop. Details

of possible N-S structures associated with mineralization are given in the section on HMC sampling.

Alteration

Outcrops in Camp Creek, outcrop areas to the north and south, and drilling indicate that argillic alteration in rhyolitic rocks occurs erratically over an area about 3 km E-W by 5 km N-S. Argillic alteration is characterized by pervasive kaolinite, which could actually be an assemblage of chlorite, smectite, illite or other phyllosilicates, and fine grained crystals of fresh euhedral adularia.

Pyrophyllite occurs as small to 2 cm patches in argillic alteration in both flows and breccias in Camp Creek and outcrop areas directly north and south. The pyrophyllite may indicate a higher temperature alteration overprint. However, it occurs as scattered patches over a broad area, in both DDH HP96-1 and 2, and does not occur in concentrations that could be used to focus on structures with indications of a higher temperature assemblage.

Alunite has been identified visually as veins in argillic alteration in two locations in Camp Creek. One is immediately upstream of DDH HP 96-1 and the second is just downstream of the two Au anomalous HMC samples, H107 and H108. Other than a possible spatial relation to inferred structures, not much can be made of these occurrences. Alunite occurs in epithermal systems overlying adularia or silica ore zones or overprinting them where acid waters have percolated downward along structures. However, like kaolinite, it can form very broad alteration zones in the upper portions of hydrothermal systems and will only generally indicate favourable areas.

Silicification occurs as rare envelopes around veins in the Top Zone and as one patch above the south rock glacier at 6,497,630 N, 670,650 E. This patch about 60 m in diameter consists of silicified trachytic flows, phreatic breccia and sinter breccia. It contains epithermal quartz veins and may be a silicified hot spring vent complex.

Calcite occurs in the Au bearing rhyolitic breccia in DDH HP 96-1. The Au in HP 96-1 is associated with pyrite veinlets cutting breccia with minor quartz-calcite breccia infill and fracture infill. An andesitic flow directly below the rhyolitic breccia has an albite-green chlorite-carbonate assemblage determined in thin section. This indicates a propylitic alteration assemblage. This low temperature assemblage may indicate that the interpreted fault in the creek along Steep Zone, which is 150-200 m to the east, will not be associated with higher temperature alteration assemblages and Au mineralization.

Mineralization

Quartz veins with both chalcedonic and fine to coarse, open space filling by crystalline quartz occurs on the property was previously described. Precious metals or sulphides are rare. The veins in the Top Zone are commonly 10 to 30 cm thick. Orientations are variable, difficult to determine, but commonly 250-275° / 75-85° N. No faults or fracture sets have been observed at this orientation.

Areas of phreatic breccia and relatively minor areas of auto brecciated rhyolitic rocks do not appear to have more abundant veins or disseminated pyrite.

Hot springs sinter is usually barren or contains trace sulphides. One sample site of sinter rubble with no visible mineralization returned 0.03 g/t Au and 29.7 g/t Ag. However, previous sampling and this sample indicate no significant Au in sinter.

Pyrite is common in amounts from trace to 5% as disseminations or lesser veinlets. It occurs ubiquitously through the area of argillic alteration in both breccias and flows. It does not appear to correlate with relatively minor areas of silicification.

Epithermal vein deposits with economic grades commonly have Ag<Au in high level sinter sublimates and Ag:Au increasing to >25:1 with depth, just above the base metal zone. Metal ratios on a property scale can be extremely variable but may indicate trends. Heart Peaks has indications of a Ag rich or Au deficient system. Mineralized sinter collected in 1996 has a Ag:Au of 999.0:1 rather than being high in Au which would be more typical of sinter in an epithermal environment. Normal to Au deficient

Ag:Au is indicated by 1996 composite samples around the Top Zone. They show a Ag:Au of 8.3:1. 1983 sampling on the property indicated a Ag:Au of 72.0:1 from 92 samples with >0.015 g/t Au.

DDH HP96-1 intersected up to 0.79 g/t Au in disseminated pyrite with a Ag:Au of 1.4:1. Mineralization is associated with pyrite veins in rhyolitic breccia below the level of the Takwahoni unconformity. This may indicate some potential low in the system for better Ag:Au ratios, potential for Au with low Ag:Au in veinlet and disseminated pyrite rather than in epithermal quartz veins, or it may be a minor occurrence of no significance.

HMC Sampling, Silt Sampling, and Interpretation of Results

Wet screened sands and silt samples were collected in creeks on and around the Sheslay 1-7 and Free claims. Nine main drainage systems and their tributaries flowing west into the Sheslay River from the edge of the Level Mountain Basalt escarpment were sampled. The area covered is about 7 km E-W by 21 km N-S. Screened sands for heavy mineral concentrates were collected where possible and silt samples were collected where sand was not abundant enough for HMC sampling.

Area North of Sheslay Claims

HMC and silt sampling was done on three drainage systems located up to 8 km north of the Sheslay north claim boundary. Sampling was done mainly across the downstream side of a N-S photolinear trend which may be a controlling structure for the rhyolite domes and possible associated mineralization at Heart Peaks. Sampling was only done on portions of the creeks because of difficult helicopter access. The four silt samples and 9 HMC's collected in this area do not indicate any anomalies.

Silver and Arsenic HMC Indications of a Mineralized Structure

Creek at 6,503,500 N

A creek draining west at about 6,503,500 N crosses the northern portion of the Sheslay claims at the northern limits of exposure of Heart Peaks rhyolitic rocks. HMC sampling indicates no anomalies for precious metals or indicator elements. Gold values are

mainly <5 ppb with an isolated 169 ppb Au near the easterly limit of sampling. Silver ranges from <0.2 to 3.4 ppm, As is <5 ppm and Pb is from <2 to 6 ppm. Silver values increase downstream from mainly <0.2 upstream of 670,700 E to 3.4 ppm downstream of this point. All samples downstream from site H261 with 3.4 ppm Ag range from 2.0 to 3.6 ppm Ag. This occurrence of Ag values to up to 3.6 ppm is about 600 to 750 m west of a major N-S photolinear and zone of intense fracturing in rhyolites.

Camp or Heart Creek at 6,498,900 N

The main E-W creek traversing the Sheslay claims is Camp or Heart Creek flowing west at about 6,498,900 N. A total of 22 HMC and 2 silt samples were collected along this creek and its tributaries over a distance of 5.2 km. The section of the creek downstream from the rock glacier originating from the Top Zone at 670,000 E has Au values in HMC mainly <5 ppb but locally to 1035 ppb, 3.2 to 7.3 ppm Ag, 615 to 2880 As and 44 to 180 ppm Pb. Silver, As and Pb show a distinct change from low or erratic values upstream to higher background or anomalous levels at the confluence of the rock glacier at about 670, 000 E. The occurrence of mineralized vein rubble in the rock glacier may be the cause of the Ag, As and Pb anomalies. This rock glacier may have displaced the anomaly 400 to 500 m W from its upslope source.

Creek on the South Side of Sheslay Claims

The creek in the deeply incised valley on the south side of the Sheslay claims has no HMC anomalies nor any consistent changes in the ranges of precious or indicator elements. The HMC samples contain <5 to locally 94 ppb Au, <0.2 to 0.8 Ag, mainly <5 to locally 200 ppm As and mainly <2 to locally 26 ppm Pb.

Arsenic Indications of a Mineralized Structure in the Top Zone Area

HMC and silt samples directly south of the Top Zone in relatively small creeks returned anomalous As and Pb values. Arsenic is up to 2550 ppm in HMC and up to 420 ppm in silt. Lead is up to 406 ppm in HMC and 56 ppm in silt. Gold and Ag values are low. Gold in HMC samples ranges from <5 to 5 ppb with 314 ppb in sample H12, and 5 to 85 ppb in silts. Silver is 0.8 to 2.0 ppm in HMC and 0.2 to 0.8 ppm in silts.

The high As and Pb values indicate that the source for As and Pb is along the east side of the Top Zone at about 671,000 E. However, no significant Au or Ag mineralization is indicated to be associated with the source of the As and Pb.

Interpretation of Silver and Arsenic Indications of a Mineralized Structure in the Top Zone Area

The upcreek edge of anomalous Ag in the creek at the north boundary of the Sheslay claims, the upcreek edge of anomalous Ag, As and Pb in Camp Creek and the As and Pb anomalies in relatively small creeks south of Top Zone indicates Ag, As, Pb mineralization on an approximately N-S trend. This 7 km long trend is through the rock glacier south of Top Zone, the Top and Steep Zone areas and possibly extending through to the creek at the north boundary of the Sheslay claims.

This Ag, Ag-As-Pb and As-Pb trend may indicate a structurally controlled zone of mineralization that is manifested by the exposed and drill tested mineralization of the Top and Steep Zones. Creeks north and south of the Top Zone erode down to levels 460 to 340 m respectively below the maximum elevation in the Top Zone through this possible zone of mineralization. The absence of anomalous Au, the maximum Ag values of 3.6 ppm in the northerly creek and 7.3 ppm in Camp Creek, and maximum As and Pb values of 2880 and 406 ppm respectively suggest that no significant mineralization is transected by creeks even though there is substantial vertical relief.

Gold HMC Indications of a Mineralized Structure

N-S Photolinear at 671,300 to 671,450 E

A very distinct N-S photolinear occurs in the vicinity of 671,300 to 671,450 E from 6,501,500 to 6,503,000 N. Southward extensions of this photolinear continue through Mogul Dome or a few hundred meters to the east of Mogul Dome. Three HMC's (H13-H15) were collected in the creeks flowing along the photolinears. Samples H12 and H14 contain 306 to 900 ppb Au, 0.4 to 0.6 ppm Ag, <5 to 85 ppm As and 14 to 16 ppm Pb. The Au values indicates that the creeks do not cut through any significant mineralization but are draining an area with above background Au values without anomalous Ag, As or Pb.

Camp or Heart Creek at 6,498,900 N

At 671,250 E in Camp or Heart Creek, samples H107 and H108 contain 1121 to 1124 ppb Au. This occurrence is about 1.7 km east of the upcreek edge of elevated Ag and anomalous As and Pb at the rock glacier in Camp Creek. Silver, As and Pb values

associated with the 1121 to 1124 ppb Au are only 0.2 to 0.8, <5 to 415 and 2 to 24 ppm respectively. It appears that H107 and H108 indicate an occurrence of above background Au mineralization but without anomalous Ag, As or Pb occurring at 671,750 E. This above background Au indication is coincident with an approximately N-S set of en echelon photolinears that extend into the very distinct N-S photolinear on Sheslay 7 at 671,300 to 671,450 E.

Creek on the South Side of Sheslay Claims

The creek in the deeply incised valley on the south side of the Sheslay claims has no HMC anomalies. The portion of the creek upstream of the rock glacier flowing from the Top Zone has mainly <5 with locally 10 to 94 ppb Au, <0.2 to 0.8 ppm Ag, mainly <5 to locally 200 ppm As and mainly <2 to locally 26 ppm Pb.

Interpretation of Au Indications of a Mineralized Structure

Samples H13, H14, H107 and H108 indicate the occurrence of above background Au, ranging from 306 to 1124 ppb, and without anomalous Ag, As or Pb. This above background Au is possibly associated with an approximately N-S structure. The structure is manifested by distinct to subtle photolinears over a distance of 4 to 5 km and locally associated with intense fracturing in rhyolitic flows. The low Au values in HMC may indicate a structure with uneconomic Au values, or may reflect point sampling in areas with only above background Au on a 4 to 5 km or longer structure, or may reflect sampling high in a possibly mineralized structure. The absence of elevated or anomalous Ag, As and Pb may indicate a different mineralization style compared to the Top Zone area, mineralization with low Ag:Au, or that H107 and H108 represent erratic Au values which do not correlate with any mineralized structure.

The 1121 and 1124 ppb Au contents in H107 and H108 correlate with two, very subtle topolinears trending about 172° in creeks north and south of Camp Creek. These topolinears project into the major N-S topolinear in the north portion of the property. Thus they may reflect en echelon or splay faults associated with the fault that may control the rhyolitic centers on the property.

The southerly 172° trending creek has above background As of 1070 ppm in sample H104. Thus the Au values in H107 and H108 may have an As association.

Metal Associations and Geochemical Anomalies South of Top Zone

Metal associations from mineralized veins and creek sampling indicates a possible source for weak Au anomalies with a Au As Pb association south of Top Zone.

Top Zone Rock Geochemistry

Drilling and surface sampling by previous workers indicated a Au Ag association with highly variable As. Rock sampling of vein float from the Top Zone confirms the Au Ag association with very low Pb, 6 to 18 ppm, and commonly low but variable As. It appears unlikely that epithermal vein mineralization in the Top Zone is the cause of Pb or As geochemical anomalies in creeks.

Although the veins in the Top and Steep Zone area are the known sources of Au and Ag on the property, they do not appear to be producing geochemical anomalies in the main E-W creeks, or in small tributary creeks except in the area of the rock glacier south of Top Zone.

A single sample of siliceous sinter, 56709, from east of the Top Zone, and within an area characterized by anomalous As in creeks, has a Ag Sb association indicated by 29.7 g/t Ag and 270 ppm Sb, with only 4 ppm Pb and 95 ppm As.

Lead Geochemical Anomalies

HMC samples in Camp Creek contain up to 180 ppm Pb. Gold is absent and the anomalous association is Ag As Pb. HMC samples from creeks south of Top Zone contain up to 406 ppm Pb (H12) from west of the south rock glacier and 124 ppm Pb (H25) from creeks along the rock glacier. Silts contain up to 56 ppm Pb which is only above background.

Gold Geochemical Anomalies

South of Top Zone, H12 contains 314 ppb Au in a Au Pb association. Two silt samples in the creek along the south rock glacier contain 55 and 85 ppb Au (S08 and S21) in a Au (Ag) As (Pb) association.

Arsenic Geochemical Anomalies

Two HMC samples (H19 and H25) in the creek along the south rock glacier returned 2490 to 2550 ppm As. They are in a creek that has up 410 ppm As in silts, and which sources from east of the Top Zone. The As in these HMC is comparable to the maximum of 2880 ppm As in Camp Creek. However, the metal association Au As Pb distinguishes them from the Camp Creek Ag As Pb association.

Interpretation

The area southeast of Top Zone has elevated levels of Au, As and Pb without Ag. This may indicate a different metal association than the Au Ag, ± As of the Top Zone epithermal veins. A weak Au source area may occur at a lower elevation than the Top Zone epithermal veins within a possibly broad area with anomalous As. A possible controlling structure for Au mineralization is the 007° to 010° trend of topolinears from the creeks along the east side of the south rock glacier. This linear projects to the north through Steep and Mogul Zones and the Mogul Dome. It is approximately co-linear with the major N-S topolinear in the northern portion of the property.

Alternately, the silicified zone just above the top of the south rock glacier may indicate favourable alteration associated with a N-S structure.

Soil Geochemical Surveys

Two flagged lines were established for reconnaissance soil sampling. An E-W line called 1200S was established from 6,496,200 N, 669,980 E and sampled on 25 m centers for 1 km. It was placed south of the south rock glacier in the only location with

soil development across the trend of the parallel creeks along the east edge of the rock glacier. It returned no anomalous values.

Line 4600N was established for 600 m from 6,501,990 N, 671,100 E. This line crosses the N-S photolinear trend in the north portion of the property. Soil sampling did not return any anomalous values.

Induced Potential Surveying

The included polarization (I.P.) survey was carried out by using a pulse type system, the principle components of which are manufactured by Huntec Limited and Androtex Limited, of Metropolitan Toronto, Ontario.

The system consists basically of three units, a receiver (Androtex), a transmitter and a motor generator (Huntec). The transmitter, which provided a maximum of 7.5 kW d.c. to the ground, obtains its power fro a 7.5 kW 400 c.p.s. three phase alternator driven by a gasoline engine. The cycling rate of the transmitter is 2 seconds "current-on" and 2 seconds "current-off" with the pulses reversing continuously in polarity. The data recorded in the field consists of careful measurements of the current (I) in the amperes flowing through the current electrodes C^1 and C_2 , the primary voltage (V) appearing between any two potential electrodes, P_1 and P_2 , during the "current-on" part of the cycle, and the apparent chargeability (M_a) presented as a direct readout in minivolts per volt using a 100 millisecond delay and a 1000 millisecond sample window by the receiver, a digital receiver controlled by a micro-processor- the sample window is actually the total of ten individual windows of 100 millisecond widths.

The apparent resistivity (P_a) in ohm metres is proportional to the ratio of the primary voltage and the measured current, the proportionality factor depending on the geometry of the array used. The chargeability and resistivity are called apparent as they are values which that portion of the earth sampled would have if it were homogeneous. As the earth samples is usually inhomogeneous the calculated apparent chargeability and the resistivity are functions of the actual chargeability and resistivity of the rocks.

The surveys were carried out using the "pole-dipole" method of surveying. In this method the current electrode C_1, and the two potential electrodes, P_1 and P_2 , are moved in unison along the survey lines at a spacing of "a" (the dipole) apart, while the second current electrode, C_2, is kept constant at "infinity". The distance, "na" between C_1 and the nearest potential electrode generally controls the depth to be explored by the particular separation, "n", traverse.

On these surveys a 50 metre dipole was employed and first to sixth separation readings were obtained.

IP surveying was attempted on the north side of the valley of Camp Creek across the trend of the Top, Steep and Mogul Zones. The survey was run as a test survey to determine if the terrain was suitable for IP and if any chargeability anomalies could be identified that may correlate with disseminated pyrite. Due to rock scree only three lines on 090° to 120° orientations were established from the old Kerr Addison base line at 015°. The lines were labeled relative to the old grid. Electrical contact with the ground contact proved to be very difficult even though the lines were selected to take advantage of better soil development. Electrical current flow tended to be surficial due to poor ground contact. A weak and unreliable chargeability anomaly was indicated near the baseline but only on line 1400 N.

Section 2: FREE Claim

Conclusions and Observations

The Heart Peaks Formation exposed on the Free claim lacks any hydrothermal alteration or mineralization. Silt and HMC sampling of creeks around the claim do not have elevated levels of precious metals or any indicator elements. Colour anomalies appear to be the product of weathering of trachytic rhyolitic rocks.

Recommendations

No additional work is recommended on the Free claim.

Introduction

The Free claim was staked because of a colour anomaly associated with an exposure of Heart Peaks rhyolitic rocks. Regional geology for the Free claim is the same as for the Sheslay claims. There are no records of previous work.

Property Geology

Lithology

Heart Peaks Formation rhyolitic and associated sedimentary rocks and Level Mountain Formation basaltic rocks occur on the claim.

The lower section of Heart Peaks Formation is mainly plagioclase porphyritic rhyolite and vesicular rhyolitic flows. The base of the sequence is not exposed. Two or three intervals of pebbly sandstones derived from Heart Peaks rhyolitic rocks overlie the massive and vesicular flows. Locally a tuff breccia to lapilli tuff appears to be the next higher unit. It is overlain by mainly pebbly sandstone and tuffaceous sandstone interbedded with vesicular flows. Vesicular to massive rhyolitic flows are common at the top of the section.

Local areas in the rhyolitic rocks appear to be clay altered but the clay is surficial and appears to be a weathering phenomena.

A poorly exposed rhyolitic breccia occurs at the lowest level of exposure of Heart Peaks Formation in a creek on the west side of the property. It is uncertain whether this is a flow breccia or an intrusive or phreatic breccia. It contains 5% disseminated pyrite and is weakly silicified. It returned low metal values and 172 ppm Cu (56903).

Level Mountain basaltic rocks consist of quartz amygdaloidal basalts and minor basaltic lahars. The lahars contain subrounded basaltic blocks up to 1.5 m diameter and rare clasts of trachytic rhyolite.

Silt and HMC Sampling

Creeks around the Free claim were sampled as part of the regional exploration on the Sheslay claims. No anomalies occur which could be related to mineralization on the Free claim.

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Statement of Qualifications

I, Dane A. Bridge, of 16 Massey Place SW, Calgary, Alberta, T2V 2G3, certify that:

I was commissioned as a contract geologist by Canamera Geological Ltd., 540-220 Cambie Street, Vancouver, BC, to conduct a field program on claims held by U.S. Diamond Corp. and Inukshuk Capital Ltd., as outlined in the accompanying report.

I am a graduate of the University of Manitoba, Winnipeg , Manitoba, with a Bachelor of Science (Honours) in Geology, 1969, and a Master of Science in Geology, 1972.

I have practiced my profession continuously since graduation.

I am a registered professional geologist in Alberta, APEGGA number 057688, and I am a member of:

Canadian Institute of Mining
Geological Association of Canada
Society of Economic Geologists

This report is based on personal observations and field mapping during the periods July 7 to August 25th, 1996.

I have no interest, either direct or indirect, in U.S. Diamond Corp. and Inukshuk Capital Ltd. or their partners, nor do I expect to acquire any interests.

I grant permission to U.S. Diamond Corp. and Inukshuk Capital Ltd. and Canamera Geological Ltd. to use this report.

November 20, 1996

Dane Bridge, P. Geol.

Statement of Qualifications

I, David Awram, of 2316 West 5th St., Vancouver, British Columbia, V6K 1S5, certify that:

I was commissioned as a geologist by Canamera Geological Ltd., 650-220 Cambie Street, Vancouver, BC, to conduct a field program on claims held by U.S. Diamond Corp. and Inukshuk Capital Ltd. as outlined in the accompanying report.

I am a graduate of the University of British Columbia, Vancouver, B.C. with a Bachelor of Science (Honours) in Geology, 1996.

I have practiced my profession continuously since graduation.

This report is based on personal observations and field mapping during the periods July 7 to September 14th, 1996.

I have no interest, either direct or indirect, in U.S. Diamond Corp. and Inukshuk Capital Ltd. or their partners, nor do I expect to acquire any interests.

I grant permission to U.S. Diamond Corp. and Inukshuk Capital Ltd., and Canamera Geological Ltd. to use this report.

March 13, 1997

David Awram

APPENDIX 1

COST STATEMENT

Cost Statement 1

The following is the cost statement for work done on mineral claims Sheslay 1,3,5 during the period between July 2, 1996 and Sept. 12, 1996.

		Rate	Total
Dane Bridge	16 days @	$ 450.00	$ 7 200.00
Simon Haynes	6 days @	$ 600.00	$ 3 600.00
Guy Royer	15 days @	$ 350.00	$ 5 250.00
Greg Burroughs	3 days @	$ 350.00	$ 1 050.00
Ayisha Yeow	10 days @	$ 250.00	$ 2 500.00
Scott Smith	12 days @	$ 250.00	$ 3 000.00
Jason Shaw	10 days @	$ 250.00	$ 2 500.00
Supervisor	15 days @	$ 350.00	$ 5 250.00
MFH Contracting	17 days @	$ 275.00	$ 4 675.00
Drilling	265.2 m @	$ 110.00	$ 29 172.00
IP Geophysics	2 days @	$ 1 925.00	$ 3 850.00
Geop Mob	1 days @	$ 850.00	$ 850.00
Helicopter	120 hrs @	$ 750.00	$ 90 000.00
Field Consumables	150 days @	$ 25.00	$ 3 750.00
Radios	125 days @	$ 70.00	$ 8 750.00
Camp Costs	152 days @	$ 135.00	$ 20 520.00
Soil and Silt Samples	58 @	$ 20.00	$ 1 160.00
Rock Samples	3 @	$ 30.00	$ 90.00
HMC Samples	30	$ 40.00	$ 1 200.00
Maps and Repro			$ 1 000.00
Reporting	35 days @	$ 350.00	$ 12 250.00
Cad	5 days @	$ 250.00	$ 1 250.00
Travel	15 people @	$ 1 200.00	$ 18 000.00
Freight			$ 12 300.00
		Total	$ 241 667.00

Cost Statement 2

The following is a cost statement for work done on the Sheslay mineral claims 2,4,6,7 done between July 2 and September 12, 1996.

		Rate	Total
Dane Bridge	17 days @	$ 450.00	$ 7 650.00
Simon Haynes	7 days @	$ 600.00	$ 4 200.00
Guy Royer	20 days @	$ 350.00	$ 7 000.00
Greg Burroughs	3 days @	$ 350.00	$ 1 050.00
Ayisha Yeow	10 days @	$ 250.00	$ 2 500.00
Scott Smith	12 days @	$ 250.00	$ 3 000.00
Jason Shaw	11 days @	$ 250.00	$ 2 750.00
Supervisor	15 days @	$ 350.00	$ 5 250.00
MFH Contracting	17 days @	$ 275.00	$ 4 675.00
Drilling	521.2 m @	$ 110.00	$ 57 332.00
IP Geophysics	2 days @	$ 1 925.00	$ 3 850.00
Geop Mob	1 days @	$ 850.00	$ 850.00
Helicopter	122.9 hrs @	$ 750.00	$ 92 175.00
Field Consumables	154 days @	$ 25.00	$ 3 850.00
Radios	125 days @	$ 70.00	$ 8 750.00
Camp Costs	152 days @	$ 135.00	$ 20 520.00
Soil and Silt Samples	57 @	$ 20.00	$ 1 140.00
Rock Samples	3 @	$ 30.00	$ 90.00
HMC Samples	30 @	$ 40.00	$ 1 200.00
Maps and Repro			$ 1 000.00
Reporting	35 days @	$ 350.00	$ 12 250.00
Cad	5 days @	$ 250.00	$ 1 250.00
Travel	15 people @	$ 1 200.00	$ 18 000.00
Freight			$ 12 300.00
		Total	$ 272 632.00

Cost Statement 3

The following is a cost statement for work done on the Free mineral claim done between August 20 and August 28, 1996.

Guy Royer	7 days @	$	350.00	$	2 450.00
Helicopter	1 hrs @	$	750.00	$	750.00
Camp Costs	7 days @	$	135.00	$	945.00
Field Consumables	7 days @	$	25.00	$	175.00
Radios	7 days @	$	70.00	$	490.00
Rock Samples	1 @	$	30.00	$	30.00
Maps and Repro				$	150.00
			Total	$	4 315.00

APPENDIX 3
DRILL LOGS

DRILL HOLE LOG

LOCATION: 6 448 990 N 670 428 E		HOLE NO. 1				PROPERTY: HEART PEAKS	
AZIMUTH: 115°	ELEVATION: 1115M	SURVEYS				CLAIM: SHESLAY 3	
INCLINATION: -060°	LENGTH: 265.2	METERAGE:	AZIMUTH:	INCLINATION	CORR. INCLIN:	SECTION:	
	CORE SIZE: NQ					LOGGED BY: Dane Bridge and Guy Royer	
STARTED DRILLING: Aug 18, 1996						DATE LOGGED: Aug. 18-24, 1996	
COMPLETED DRILLING: Aug 24, 1996						DRILLING CO: Wally's Diamond Drilling	
PURPOSE: Part of two hole fence to explore interpreted structural trend						ASSAYED BY: Chemex Laboratories, North Vancouver	

METERAGE		DESCRIPTION	SAMPLE DATA				GEOCHEM	
FROM	TO		NUMBER	FROM	TO	LENGTH	Au	Ag
0	13.0	Over burden, talus with no recovery						
13.0	15.0	Porphyritic Rhyolite Flow: aphanitic, translucent, hard, light purplish grey, minor light green ground-mass, 15%, 1-4 mm, white to transparent, euhedral sandine ? phenocrysts; minor diffuse pyrophyllite.						
15.0	26.4	Phreatic Breccia with possible wallrock sections: 90% rhyolitic clasts, subangular to subrounded, fine to + 20 cm, mainly clay altered, minor fresh purplish brown and minor medium green totally pyrophyllite altered, 10% fine to 2cm black siltstone; 20% matrix, light to dark grey clay altered and weathered, upper contact 45%, lower contact 15%.						
26.4	31.9	Porphyritic Rhyolite Flow: aphanitic to very fine grained, mainly opaque, light green to medium purple-brown; 15%, 1-8 mm, white to translucent sanadine, rimmed by beige carbonate; , minor to moderate pyrophyllite alteration, lower 20 cm has 1-5 cm bands at 45%, may be sinter with pyrophyllite and trace py.						
31.9	34.3	Phreatic Breccia: 90% rhyolitic clasts, angular to rounded , fine to 3cm, minor 10cm, mainly off white to green, clay and pyrophyllite altered, 10% fine to 1cm black siltstone clasts, 20% matrix, light gray to brownish, fine grained with clay and pyrophyllite, 1% dissem py; locally intensely clay altered and weathered.						
34.3	52.2	Porphyritic Rhyolitic Flow: aphanitic, opaque, soft, light green and minor purplish brown, 10-15%, 1-3mm white, clay altered						
52.2	71.4	Basalt Flow: medium to dark gray green, very fine grained, 5% plag phenos, 1-15mm, evhedral to subhedral, 1-2% proxene phenos, 0.5-2.0mm, trace dissem hematite in some plag phenos. 52.2 - 54.9: intensely clay altered,soft,light grey basalt with reliefs of plag phenos, includes broken includes broken sections of weakly altered basalt. 54.9 - 70.8: mainly fresh basalt with weak clay alteration as selvages along fractures and locally as irregular patches, weak clay zones are commonly 1-2 cm thick, locally to 10 cm, average 10-15% of core is clay altered. 70.8 - 71.4: Light grey, moderately hard basalt with pervasive, moderate clay alteration.						

METERAGE		DESCRIPTION	SAMPLE DATA				GEOCHEM	
FROM	TO		NUMBER	FROM	TO	LENGTH	Au	Ag
71.4	85.0	Arkose with interbedded shale:						
		71.4 -78.5 - Pervasive moderately alteration. Bedding to core axis = 70 degrees. Arkose varies from light						
		grey to light brown. Medium to dark grey for shale arkose grains 0.3 - 1mms. Shale beds 2 -7mms:						
		arkose beds 2 - 5 cms.						
		78.5 - 79.1 - Gritty course grained akrose, grains 1-3mms. Lithic fragments of volcanics abundant.						
		Indistinct bedding clasts sub-angular to rounded. Light to medium grey in colour.						
		79.1 - 80.6 - Arkose, light grey, medium grained. Poor to moderately well bedded.						
		Clasts 0.5 -1mm. Bedding to core axis 70 degrees.						
		80.6- 85 - Siltstone, medium to dark grey. Intense clay alteration 80.6 - 82.2. Bedding to core						
		axis = 70 degrees.						
		82.6 - 85 - Arkose, light grey. 82.6 - 84 - Medium grained to moderately well bedded.						
		84 - 85 - Gritty - coarse grained, poorly bedded, clasts 1-4mms.						
		77.3 - 77.4 - Thickly disseminated fine grained (0.5mm) pyrite forms 20% of siltstone -	9601	77.3	77.4	0.1m		
		conformable bedding.						
		77.7 - 77.8 - Disseminated fine grained pyrite (1.0mm) comfortable to bedding- forms 20% of siltstone.	9602	77.7	77.8	0.1m		
		82.2 - 82.5 - 10% fine(0.5mm) disseminated pyrite parallel to bedding.	9603	82.2	82.3	0.3m		
		83.3 - 83.5 - 10% fine (0.5mm) dissemented pyrite discomfortable to bedding.	9604	83.3	83.5	0.3m		
85	91.4	Shale- Dark grey to black bedding to core axis=6o degrees. Moderate clay altering in 20% of it in layers						
		0.5-3cms thick. chlorite abundant along fractures, gypsum rarer.						
		85.7 - Two -2cm long patches of semi-massive pyrite.						
91.4	124.6	Basalt? flow-rhyolitic? rare xenoliths? very fine grained opaque light green to dominantly dark green,						
		15% phenocrysts 1-10mms- light grey green sub-hedral to euhedral plagioclause-10%, green sub-hedral						
		pyroxene-47% with 1% olivine, 7% amygdules 1-20mms.-vitreous to white quartz- 5%, white calcite- 1%						
		and haematite-1%, libquitous 1-3% pyrite disseminated and in 1-3mm. stringers. Quartz amygdules may						
		be phenocrysts -(rhyolitic).						
		91.4 - 93.5 - Pervasive intense clay alteration.						
		93.5 - 98.4 - Pervasive , moderate clay alteration, light grey-green, aphanitic, 2% pyrophyll, rare						
		melanterite?, minor vuggy Qts-calcite in filling of breccia zones and fractures.						
		98.4 - 121.1 - Dark green, 15% clay alteration in stringers up to 1cm wide or on patches up to 10cm						
		olivine 1-2mm phenocrysts @ 118-1211.						
		121.1 - 124.6 - Light grey-green:; pervasive, slight clay alteration. Network of anastomosing fractures -						
		crackle breccias.	9608	121.1	122.6	1.5m		

METERAGE		DESCRIPTION	SAMPLE DATA				GEOCHEM	
FROM	TO		NUMBER	FROM	TO	LENGTH	Au	Ag
		124.4 - 124.6 - 20% amygdaloidal -5mms quartz and calcite; 20% phenocrysts - plagioclause and						
		pyrophyllite - 2 to 5mms.						
124.6	143.4	Brecciated rhyolitic flow						
		Light grey-green or light to medium blue grey. Breccia fragments vary from 1-18 cms. vary from	9609	130.1	131.1	1.0m		
		sub-rounded to generally angular. Fragments light grey aphanitic rhyolite with 10% phenocrysts-1mm.	9610	131.1	132.6	1.5m		
		- sub equal feldspar and pyrophyll. Rarer clay minerals matrix very fine grain libiquitous 1-3%	9611	132.6	134.1	1.5m		
		disseminated pyrite.	9612	134.1	135.6	1.5m		
		128.3 - 129.4 - Light grey aphanitic rhyolite with 20%, 1mm phenocrysts of mainly pyrophyllite and feldspar. Perhaps unit a giant fragment?	9613	135.6	137.2	1.6m		
		130 - 135 - 3% dissem pyrite, rare pyrite stringers 1-3mm thick.	9614	137.2	138.7	1.5m		
		136 - 140.6 - Dissem pyrite, pyrite stringers 1-7mm wide- compose 5%.	9615	138.7	140.2	1.5m		
		140.6 - 143.4 - 2% dissem pyrite stringers 1-5mm wide - compose 2%	9617	141.7	143.2	1.5m		
		141.7 - 2.5 cm Qtz-Carron vein - 7% 1-3mm disseminated pyrite	9618	146.2	147.8	1.5m		
143.4	155.3	Rhyolitic Flow - Light to dark grey or medium green. Aphanitic to very fine grained - 15% Phenocrysts - Feldspar 27.1 - 3 mm, Olivine 5% - 1-2mm thick, various clay minerals 3% - 3mm, quartz 5% 1-3mm. Weakly to moderately pervasively clay altered moderately fractured - infilled by quartz & calcite veinlets - 2% - 1-7mm thick.						
		146.7 - 147.7 - Brecciated rhyolite - light grey-green. Fragments 1-12cms - generally angular-light grey aphanitic rhyolite, 1% pyrite in dissem stringers up to 3mm wide minor quartz-calcite infillings						
153.1	159.9	Sandstone/siltstone/shale/sedimentary breccia interbedded - contact to upper core axis at 70°, lower contact to core axis at 65°						
		153.1 - 154.5: Lithic arkose. light grey, medium grained, 0.5 - 1mm - 50% feldspar, 25% quartz, 25% lithic clasts - poorly bedded and 1% disseminated pyrite. 3-10mm laminae of shale interbedded. local disseminated patches - 25% pyrite up to 1cm, 3-7% pyrite in 3-5mm, qtz-carbon veins. Minor anhydrite along fractures.						
		154.5 - 157.8: Sedimentary breccia - angular fragments up to 5cms in shaley matrix. Interspersed shale zones 1-20cms wide, 3% disseminated pyrite, 4cm patch of 25% disseminated pyrite at 155.						
		157.8 - 158.5 - Shale; breccia bands 1-4cms, 1% disseminated 1mm pyrite						
		158.5 - 159.1 - Sedimentary breccia, 2% disseminated 1mm pyrite						
		159.1 - 159.6 - Lithic arkose, medium grained, 3% disseminated 1mm pyrite						
		159.6 - 159.9 - sedimentary breccia						

METERAGE		DESCRIPTION	SAMPLE DATA				GEOCHEM	
FROM	TO		NUMBER	FROM	TO	LENGTH	Au	Ag
159.9	238.3	Siltstone with minor arkosic interbeds (ca10%). Upper contact to core axis - 65°, light to medium grey - mainly well bedded - vary from 1-15cms, usually 3-7cms. Minor sporadic clay alteration. Minor fracturing - infilled by 1-2mm calcite (and lesser quartz) veinlets, rarely to 5mm - tr-3% finely disseminated (1mm) of ten cubic pyrite (or pyritohedrons). Arkose varies from fine to medium grained 0.3-1.0mm of ten gradind downward to coarse greywake - poorly and/or coarsely bedded						
		159.9 - 165 - 1-37.1mm disseminated pyrite and locally in patches up to 1cm - 20% 1mm pyrite and 15% 1mm disseminated pyrite in 1-2mm calcite veins.						
		At 172m - bedding to core axis at 30°, at 180m - bedding to core axis at 20-25°						
		185.4 - 189.2 - Medium grained arenac arkose - 25%, in beds 1-6cms						
		189.2 - 189.4 - Minor breccia zone at 88m - bedding to core axis at 35°						
		194.3 - 238.3 - Siltstone darker coloured - dark grey to black; finer grained?						
		198.8 - 204 - Medium grnd light grey arkosic beds (up to 20cms wide) form 25% of section at 194 - bedding to ca at 50°						
		200.4: 25% - 1mm dissemin. pyrite in 4cm sandstone bed.						
		202.8 - 203: coarse greywacke - polymictic clasts to 3mm at 202 bedding to ca at 55°						
		206.5 - 206.7: coarse greywacke - polymictic clasts to 3mms at 206mm bedding to ca at 45°						
		209 - 209.2: cross-bedding core axis to beds varies from 25 - 55°						
		208.8 - 209.5 - 50% arkose beds - med. grnd at 210m, bedding to core axis at 50°						
		214 - 215 - 50% arkose beds - med. grnd at 214m, bedding to core axis at 45°, at 218 - 55°						
		223.9 - 224.5 - 50% arkose beds, medium grained, coarse grnd towards bottom - greywacke						
		228.7 - 230 - Intensely clay altered at 226 bedding to ca at 45°, at 230 bedding to ca at 60°						
		234.1 - 234.5 - Strongly sheared, minor breccia moderate to strong clay alteration						
		238.3 - 238.6 - Coarse greywacke at 234 bedding to ca at 65°, at 238 bedding to ca at 55°						
238.3	265.2	Similar to previous but grey arkose more abundant - ca 30% of section - medium grained, arenaceous to lithic, with minor greywacke						
		238.3 - 238.6 - Greywacke, medium grey, coarse grained						
		239.8 - 243.3 - Arkose, medium grained, arenaceous load casts flame structures 2% minor chlorite-Anhydrite veinlets - 1-2mms at 242m bedding to ca at 55°						
		246.3 - 246.8 - Arenac arkose medium grnd - gradational to coarse greywake at 246.3 bedding to ca at 35°						
		253.4 - 254.8 - Arenac arkose medium grnd - gradational to coarse greywake at 254m bedding to core axis at 40°						
		256.4 - 256.7 - Arenac arkose medium grnd						
		258.4 - Clay gouge - intense alteration						
		258.4 - 258.6 - Arenac medium grained arkose at 259m bedding to core axis at 40°						
		261.1 - 273.5 = 75% arenac medium grained arkose						
		263.8 - 264 - 2cm wide quartz-carbonate beins - 30%						
		264.1 - 264.5 - Arenac - medium grained arkose at 265m bedding to core axis at 40° 265.2 Metres at END of HOLE						

DRILL HOLE LOG

LOCATION: 6 498 320 N
672 485 E

HOLE NO. 2

PROPERTY: Heart Peaks

AZIMUTH: 090°

ELEVATION: 1648

INCLINATION: -060°

LENGTH: 521.2 M

CORE SIZE: NQ

SURVEYS			
METERAGE:	AZIMUTH:	INCLINATION	CORR. INCLIN:

CLAIM: SHESLAY 4

SECTION:

LOGGED BY: Dane Bridge and Guy Royer

DATE LOGGED: Aug. 24-sept. 5

STARTED DRILLING: August 24, 1996

COMPLETED DRILLING: September 4, 1996

DRILLING CO: Wally's Diamond Drilling

PURPOSE: Test the easterly exposure of area with rhyolitic domes and siliceous sinter.

ASSAYED BY: Chemex Laboratories, North Vancouver

METERAGE		DESCRIPTION	SAMPLE DATA				GEOCHEM	
FROM	TO		NUMBER	FROM	TO	LENGTH	Au	Ag
0	11.1	OVERBURDEN- No recovery						
11.1	34.0	PHREATIC BRECCIA-						
		Polymictic, mainly rhyolitic breccia- clast supported 0.3 to 2cm locally 8cm clasts, sub-angular to						
		sub-rounded locally poorly graded, mainly light grey, rhyolitic clasts, ca 5% dark grey sinter clasts, ca 2%						
		black siltstone clasts; clasts & fine grained matrix strongly kaolin altered, mainly light grey, locally						
		pinkish red due to haematite & maganese (?) Trace pyrophyllite.						
		12.6 - 12.7- Abundant blue-green alunite = 40%						
		12.8 - 14.5 - Pervasive intense clay alter'n						
		20.6 - 20.9- Fine sinter or ash @ 55° to core axis.						
		27.8 - 28.6 - Perasive intensive clay alter'n.						
		28.06 - 30.3 - Deep pink matrix- much FE & Mn staining.						
		30.3 - 32 - Pervasive intensive clay alter'n.						
		32 - 33.2 - Grey to buff matrix, 1-5cm breccia clasts - 2/3 rock.						
		33.2 - 34 - Pervasive intense clay alter'n.						
34.0	102.4	Rhyolite breccia, brecciated sinter and sinter -"Rhyolitic Breccia" consists of fine to 5cm & locally to						
		10cm, clasts of massive rhyolite and light to dark grey rhyolitic sinter clasts, matrix supoorted, clasts						
		commonly sub-angular. Rhyolite: probably aphanitic to fine grainedintensely kaolin altered. Sinter						
		& brecciated sinter, light to medium grey translucent, very finely laminated with a wispy & contorted						
		appearance & numerous fine clasts alternating on a 0.5-2cm basis with aphanitic clay altered bands.						
		Pervasivley & strongly clay altered except for dark siliceous sinter, trace to 1%, (locally 5-20%)						
		pyrophyllite, patches & veinlets, variably off-white to pinkish red coloured due to haematite, iddingsite(?)						
		& tr. jarosite? Alter'n in matrix. Trace of thin filmsof Mn-oxides along fractures. Rock hardens						

METERAGE		DESCRIPTION	SAMPLE DATA				GEOCHEM	
FROM	TO		NUMBER	FROM	TO	LENGTH	Au	Ag
		34.0 - 34.9 - Strong pyrophyllite alter'n of breccia matrix						
		43.7 - 44.4 - Pervasive intense clay alter'n						
		44.4 - 47.7 - Pale creamy pink matrix & clasts - latter ca 5%						
		47.7 - 48.5 - Strongly limonite stained bands						
		49.1 - 62 - pale creamy pink abundant sub-angular rhyolitic breccia and sub-equal sinter						
		(both 25%) - usually bricciated						
		62 - 87.3 - strongly sheared & phrophyllitic 1 - 5%, in veinlets, up to 3 mm & in patches up to 1.5cm at	9619	68.9	70.5			
		80m, foliation to core axis = 50%	9620	95.9	97.5			
		87.3 - 93.2 - Stained deep orange to reddish brown, pervasive moderate haematite & limonite staining						
		89.1 - 89.9 - Jarosite (?) films on fractures & on 1-2cm patches						
		100.8 - 100.9 - 20% pyrophyllite						
		101.5 - 102.3 - Dark reddish brown 0.5-3cm fe stained clasts. Minor jaro site(?) along fractures						
102.4	168.9	Porphyritic Rhyolitic flow						
		Light grey to light green with minor haematite stained patches. Ground mass aphanitic to very fine grain,						
		massive, homogeneous & opaque. Rhyolite with 207.1-5mm (rarely 1cm) transparent, colourless to white						
		zeolite pseudomorphs after sub-hedral to euhedral feldspars.						
		Pervasive moderate to intense clay alter'n, 5-10% pyrophyllite						
		102.4 - 104.4 - Contact breccia, light green-grey, strongly haematite stained, intense pyrophyll & kaolin						
		alter'n upper contact is a fracture at 20° to core axis with patch of soft clay.						
		104.4 - 129.2 - Mainly light green, patchy fe-staining 20% 1-10mm zeolite. pseudomorphs after feldspar.						
		Pervasive, strong to intense kaolin & pyrophyll. Alter'n hardness of rock 2.5-3.5 lower contact 35° frac						
		with 10cm breccia						
		1229.2 - 144 - Light grey, aphanitic matrix, 15-20%, 1-3mm Zeolite phenos - replacing feldspars. Trace 5% pyrophyll. Moderate kaolin alter'n hardness 4-5						
		144.0 - 154.6 - Light grey with haematite stained patches - sections of soft clay with minor to strong						
		fractures with much clay, 5-10% pyrophyllite-breccia at End of Section						
		154.6 - 168.9 - Light grey, abundant haematite stained patches. Pyrophyllite very rare. Very similar to						
		129.2 - 144						
168.9	224.2	Phraetic breccia - mainly pyrophyllite altered. Mainly medium green 30%, 05 to 4cm, angular to						
		subrounded, minly sub-angular clasts, matrix supported, aphanitic to gritty, altered, very soft matrix.						
		28% off-white to red rhyolite clasts, 2% smaller dark grey sinter clasts.						
		Clasts moderately to intensely clay altered. Patches haematite stained.						
		168.9 - 176.2 - Intensely pyrophyll altered breccia.						
		174.2 - 174.6 - Xenolith of moderately clay altered, massive rhyolite with zeolite pseudomorphs						
		after feldspar 1-3mm phenocrysts						
		176.2 - 206.0 - 30-40% clay altered clasts in pyrophyllite altered matrix						
		176.2 - 176.3 - Xenolith of rhyolite as (174.2-174.6)						
		190.8 - 191.1 - Xenolith of rhyolite as (174.2-174.6)						

METERAGE		DESCRIPTION	SAMPLE DATA				GEOCHEM	
FROM	TO		NUMBER	FROM	TO	LENGTH	Au	Ag
		193 - 193.1 - Xenolith of rhyolite as (174.2-174.6)						
		194.9 - 195.2 - Xenolith of rhyolite as (174.2-174.6)						
		203.6 - 204.2 - Xenolith of rhyolite as (174.2-174.6)						
		205.3 - 205.4 - Xenolith of rhyolite as (174.2-174.6)						
		195.2 - 202.0 - Minor (1-2%) amber to green, hard transparent mineral (topaz?) locally with laminae						
		206.0 - 206.6 - Sinter, dark grey, finely banded & wispy at 30 - 45% ca clast?						
		216.6 - 216.9 - Xenolith of rhyolite as (174.2-174.6)						
		221.7 - 222 - Xenolith of rhyolite as (174.2-174.6)						
		222.9 - 223.8 - Xenolith of rhyolite as (174.2-174.6)						
224.2	272.3	Porphyritic rhyolitic flow						
		Light green-grey with minor fe-stained patches, ground mass very fine grained, massive, variable (chiefly						
		due to alteration) & opaque rhyolite with 20% 1-3mm (rarely 5mm) transparent, colourless to white						
		zeolite Pseudomorphs after subhedral to euhedral feldspars, hardness = 3 matrix hardness 4-5.						
		Pervasive slight to moderate clay & slight chlorite(?) alteration moderate to strong clay & chlorite (?)						
		along fractures						
		231.6 - 231.7 - 15mm Chlor? or clay vein sub-paralell to core axis						
		243.3 - 248 - Pervasive moderate to strong clay alteration often olive green moderate pyrophyllite (?),						
		matrix hardness = 3						
		248 - 272.3 - Very soft, pervasive strong to intense clay alteration. Zeolite pseudomorphs, due to						
		relative hardness, impart a pebbly texture.						
		257 - 257.3 - Xenolith(?) of medium greyish-green rhyolite with glomeroporphyritic texture due to soft						
		dark green clay(?) mineral						
		265.8 - 266.1 - Xenolith of light grey, slightly clay altered porphyritic rhyolite (1-3mm zeolite						
		pseudomorphs after feldspar)						
		269.7 - 2cm sinter clast						
273.3	291	Rhyolitic, breccia, mainly monomictic locally polymictic, matrix supported						
		Matrix & most clasts = light grey to light olive green. Matrix very fine. Matrix locally limonite stained to						
		fine grained, massive to finely banded, convuluted, delicately laminated or wavy sinter like texture, 35%						
		0.5-8cm clasts, sub-angular to sub-rounded - mainly slightly clay altered. Fine (1-2mm) porphyritic,						
		light greenish-grey rhyolite, with 15% zeolite phenocrysts after feldspar						
		Pervasive moderate to strong clay alteration. locally moderate pyrophyllite alter'n some clasts						
		slightly clay altered. Pyrite generally absent or trace, locally up to 2-5%						
		272.3 - 75.3 - Rhyolitic breccia, transitional to previous unit - 20% subangular monomictic, 1-7cm, slightly						
		clay altered, finely porphyritic rhyolite clasts						
		275.3 - 279.7 - Sooty fine grained pyrite in patches to 1cm, 2-5%						
		284.5 - 187 - 1-3mm pyrophyllite veinlets, 5%, rare small sinter clasts to 1cm						

METERAGE		DESCRIPTION	SAMPLE DATA				GEOCHEM	
FROM	TO		NUMBER	FROM	TO	LENGTH	Au	Ag
		288 - 289.5 - Tr - 2% sooty pyrite disseminated in sooty patches 3-7mm or dissem. in 1-3mm veinlets.						
291	417.2	Phreatic Breccia light grey-green to olive green matrix. 20 to 60%, sub-angular to sub-rounded 0.5-5cm,						
		(rarely 10cm) light grey-green to (more rarely light brown), medium green or dark grey						
		Aphanitic to mainly finely porphyritic (1-3mm feldspar? phenocrysts)						
		Rhyolite - 2%, 0.5-2cm. Dark grey siltstone & 2% 0.3-8cm aphanitic to porphyritic & amygdaloidal						
		blackish basalt clasts. Texture of matrix quite variable - opaque, generally very fine grained. Rock is						
		matrix supported.						
		Matrix moderately to intensely clay altered clasts are moderately to strongly clay altered, rarely fresh.						
		Sulphides usually absent, locally trace - 2% finely (l0.3-0.5)mm disseminated pyrite						
		291 - 300 matrix has a wavy, convuluted aspect. 40% grey porphyritic 1-7cm rhyolite clasts with						
		feldspar phenocrysts up to 5mms.						
		300 - 303.8 - 107, 0.5-8cm porphyritic & amygdaloidal dark grey basalt clasts hosting 1-5mm olivine,						
		feldspar & pyroxene? phenocrysts & 3-15mm quartz & carbonate amygdules - Matrix has pervasive str.						
		clay alteration						
		303.8 - 307 - Light yellow-green aphanitic to very fine grained matrix, 25% polymictic, sub-angularclasts						
		0.5-5cm. Certain sections: grain size variation, hit of gas stream banding 70-90% core axis, 20%, 2-5cm						
		green, mainly aphanitic rhyolite clasts, 5%, 0.5-cm blackish, mainly siltstone clasts.						
		307 - 326: 50-70% sub-angular to sub-rounded, 1-3cm, rarely 10cm. Light grey-green to dark green,						
		mainly porphyritic rhyolite clasts. 2%, 1-10mm dark grey sub-rounded siltstone clasts, 1%, 0.3-3cm blk,						
		sub-angular, mainly aphanitic basalt clasts. Except for large fresh rhyolite clasts, they are pervasively,						
		moverately clay altered. Light grey-green matrix, pervasively, strongly, clay altered.						
		323.7 - 324.6 - Minor fe-staining						
		323.9 - 324.4 - Blackish basalt xenolith with 6cm quartz infilled miarolitic cavity						
		326 - 327.2 - Medium grey to brownish grey, aphanitic to very fine grained matrix, pervasively moderately						
		clay altered. 40$ 0.2-5cm sub-angular light green to light brown mainly aphanitic rhyolite clasts, slightly						
		to locally strongly clay altered 2% 1-2cm clasts of coal. Upper contact to core axis = 30° lower contact						
		to core axis = 75°						
		327.2 - 340.6 - 50% sub-rounded, 0.3-5cm light grey to light creamy green mainly aphanitic, pervasively,						
		moderately clay altered rhyolite clasts. Rare (2%) 2-7cm fresh light grey, finely porphyritic sub-angular						
		rhyolite clasts. 1% sub-angular, 0.2-1cm blackish siltstone clasts. Zone of gas streem banding - fine to						
		coarse clasts 70-90% to core axis. Matrix typical.						
		340.6 - 380 - Very soft Pervasive, intense greyish clay alteration of matrix. 35% aphanitic to finely						
		porphyritic, 0.3-5cm sub-angular light grey-green rhyolite clasts, 3%, 0.3-2cm dark grey siltstone clasts.	9626	358.7	359.8	1.1		
		349.5 - 349.8 - Tr-1% Very fine (0.2-0.5mm) disseminated pyrite	9627	359.8	361.1	1.3		
		358.7 - 363 - Tr-2% Very fine (0.2-0.5mm) disseminated pyrite	9628	361.1	362.4	1.3		
		371.0 - 371.5 - Tr-0.5% Very fine 0.2mm disseminated pyrite	9629	362.4	363	1.6		
		Clasts moderately clay altered						
		380 - 387.9 - Matrix - pervasive, moderate clay alter'n typical 40% rhyolite clasts, also 7% dark grey,						

METERAGE		DESCRIPTION	SAMPLE DATA				GEOCHEM	
FROM	TO		NUMBER	FROM	TO	LENGTH	Au	Ag
		porphyritic rhyolite clasts 3-7cms sub-angular 5%.1 - 2cm black, white rimmed porphyroblasts? Typical						
		2% siltstone clasts						
		387.9 - 409.6 - Undulating wavey strongly clay altered matrix. "Diffuse" clast, i.e., difficult to separate						
		from Matrix. Reaction rims around clast, dark scoria clasts to 7cm, rare ignimbrite. 5% siltstone clasts to						
		5cm ca 45% clasts						
		407.6 - 408.3: 12cm thick apophysis of dark grey fine phreatic breccia. 25%, 2-5mm clasts, aphanitic rim						
		409.6 - 417.2: Pale yellowish green matrix "waxy" sericitic?	9630	409.6	411.1	1.5		
		ca 25% 0.5-5cm Rhyolitic clasts & 5% 0.3-1cm dk gry siltstone clasts. 10% 1-3mm transparent zeolites,	9631	411.1	412.6	1.5		
		tiny spects of sooty mineral - tetrahedrite/ pyrite/ tr-rarely 2%	9632	412.6	414.1	1.5		
			9633	414.1	415.6	1.5		
			9634	415.6	417.2	1.6		
417.2	438.6	Phreatic breccia - (abundant siltstone clasts) - polymictic light to medium grey to light yellowish green						
		matrix. 20-60% 0.5-8cm sub-angular to sub-rounded light grey to light green (rarely red) aphanitic to						
		mainly finely porphyritic (1-3mm) rhyolite 10-30% dark grey fine grained siltstone 0.3-3cm. Also						
		much larger siltstone xenoliths. Mainly matrix but locally clast supported. Veryfinegrained, opaquematrix						
		Moderately to strongly clay altered clasts fresh to only slightly clay altered. Up to 2% pyrite - very local						
		younger breccia as it seems to have incorporated the upper breccia contact to upper core axis at 80°/						
		minor yellow topaz.						
		418.1 - 418.6 - Xenolith of soft, wavy, light grey to light cream siltstone						
		419.2 - 431 - Xenolith of siltstone 1-3cm wide veins of phreatic breccia. Rare rhyolite clasts to 4cms,						
		Siltstone locally well bedded at ca 60° to core axis						
		431 - 422.2 - Xenolith of siltstone up to 9cm. 40% clasts in section						
		422.2 - 423.7 - Clast supported as they are 75%, 423.2 - 2% finely disseminated pyrite						
		423.7 - 425.1 - "Typical" breccia						
		424.4 - Finely disseminated pyrite						
		424.9 - 425.1 - Xenolith of typical siltstone						
		425.1 - 427.6 - Varying breccia textures. Ranging from areas of sparse 5-10%, 03-0.7 clasts to 40%,						
		0.7-3cm clasts						
		425.8 - 2% finely disseminated pyrite						
		427.6 - 432.8 - 0.5-3mm, 30% breccia clasts. Matrix supported local flow, banding sub-perpindicular to						
		core axis						
		431.5 - 431.7 - Xenolith of finely porphyritic light green rhyolite						
		432.8 - 434.7 - 1-5mm 40% breccia clasts						
		434.7 - 436.3 - 3-30mm 50% breccia clasts						
		436 - 438.6 - 0.5-8cm, 75% mainly sub-angular clasts, clast supported						
		437.9 - 438.1 - Xenolith of light grey finely porphyritic rhyolite						
438.6	480.3	Rhyolitic & phreatic breccia variable textures						
		Light green or light to dark grey matrix - average 40%, mainly sub-angluar to sub-rounded, polymictic,						
		40%, 0.5 - 8cm rhyolite clasts & 1-5%, 0.3-2cm dark grey siltstone, & 1-5%, 0.3-6cm dark grey						

METERAGE		DESCRIPTION	SAMPLE DATA				GEOCHEM	
FROM	TO		NUMBER	FROM	TO	LENGTH	Au	Ag
		rhyolitic sinter clasts of 5-10%, 1-2mm transparent zeolites. locally common (to5%) 1-8mm enigmatic						
		orange mineral (Hca 3-5) among breccia matrix, rarer (to 1%) 2-8mm green mineral (H 3-5) among						
		breccia. 5-10%, 1-2mm transparent zeolites. matrix strongly clay altered, locally intense. Clasts						
		generally moderately clay altered, but variable - minor kaolin alteration(?)						
		443.6 - 450.7: "Newer" breccia phase-mainly sub-rounded 0.5-3cm (rarely 7cm), 35% siltstone clasts and						
		0.3-5cm 25% rhyolitic clasts. local (5-20cm) variation in texture - e.g., clast size - locally 0.2cm &						
		their percentage - locally 15% to locally 5cm average & 80% - strong to locally intense, dark grey to						
		yellowish-green clay alteration - enligmatic grn & orange minerals libiquitous 1-2%. Matrix locally very						
		comminuted, locally clast supported. Fluidization banding up to 8cm wide - dykelets of fluidi9zed fine						
		grained breccia.						
		450.3 - 5mm patch sooty disseminated pyrite						
		453.6 - 453.7 - Orange porphyritic rhyolite clast						
		454.4 - 456.3 - Bands of very soft aphyric, intensely clay altered rhyolite, sub-perpindicular to core axis,						
		lacks clasts						
		456.3 - 458: 0.3-2cm, rarely 4cm, 35% breccia (less crowded then typical) in brownish-grey matrix						
		5%, 1-3mm zeolites						
		458-459.9: 0.5-5cm (rarely 8cm) 60% greenish rhyolite clasts, 1%, 0.2-1cm dark grey shale - elongated						
		clasts foliated sub-perpindicular to core axis						
		459.9 - 460.4: Dark green aphyric rhyolite, 20%, 2-10mm clasts - mainly rhyolite						
		460.4 - 463: Aphyric, intensely clay altered "clast les" rhyolite						
		463 - 463.8 - Dykelet of dark grey, originally aphyric rhyolite (5% 1-2mm) secondary zeolites. Mottled						
		uniform texture						
		463.8 - 464.5: Aphyric intensely clay altered "clast less" rhyolite						
		464.5 - 465.7: Intensely clay altered, light green mainly aphanitic with 3-10%, 3-10mm, mainly dark						
		grey shale clasts						
		465.7 - 470.5: Aphyric, intensely clay altered, "clast-less" rhyolite						
		470.5 - 471.6: 20%, 0.3-1cm, light grey-green rhyolite clasts - local small dark grey patches with						
		coarser breccia						
		471.6 - 476.4: Mixture of dark grey (15%, 0.5-mm light grey clasts) Rhyolite & light grey-green almost						
		aphyric rhyolite - which tends to form clasts (1-6cms) in the dark grey rhyolite - locally good fluidization						
		banding						
		476.4 - 477.2: Light greenish-grey, mainly very fine grained, strongly clay altered rhyolite						
		477.2 - 480.3: Mixture of dark grey, rhyolite with 20% 1-3mm grey clasts & light green almost aphyric						
		rhyolite - forms 1-4cm clasts in dark grey rhyolite. local fluidization banding						
480.3	521.2	Phreatic breccia: very homogeneous. light greenish brown - 40-60% sub-angular to sub-rounded, 0.5-5cm						
		rhyolitic clasts - 2 varieties banded off-white, sinter & "typical" light grey to light green finely porphyritic						
		"flow", sub-equal - Matric supported. Sinter clasts delecately laminated. 3-5%, 0.3-2cm sub-rounded dark						
		grey shale clasts. 1-2% enigmantic orange mineral (1-12mm) ubiquitous at 5%, 1-3mm transparent						

METERAGE		DESCRIPTION	SAMPLE DATA				GEOCHEM	
FROM	TO		NUMBER	FROM	TO	LENGTH	Au	Ag
		zeolites in matrix. Pervasive strong clay alteration in matrix & rhyolite clasts. siltstone clasts fairly fresh						
		482.2 - 482.5 - Xenolith of previous phreatic breccia unit						
		491 - 491.2 - Xenolity of light grey aphyric rhyolite						
		510.2 - 510.3 - Veinlet of dark grey porphyritic volcanic						
		514 - 521.2 - 12% 0.5-4cm - sub-rnded dark grey shale clasts.						
		End of Hole at 521.2 metres						

Heart Peaks 1996

Recovery and RQD

DDH-HP-1

Interval		Recovery			Rock Quality Data
To	From	Amt. Drilled	Amt. Rcvd	% Rcvd.	Number of Natural Breaks
0.0	13.0	13.0	0.0	0	no recovery
13.0	15.2	2.2	0.3	14	rubble
15.2	18.3	3.3	1.2	36	Weathered clay alteration
18.3	21.3	3.0	0.3	30	aa + rubble
21.3	24.4	3.1	0.3	10	aa
24.4	27.4	3.0	1.5	50	aa
27.4	30.5	3.1	0.3	10	weathered clay alteration
30.5	33.5	3.0	1.3	43	broken rock + clay
33.5	36.6	3.1	1.6	52	aa
36.6	39.6	3.0	2.2	73	broken rock + minor clay
39.6	42.7	3.1	1.2	38	broken rock
42.7	45.7	3.0	0.7	25	broken rock
45.7	48.8	3.1	0.3	9	broken rock
48.8	51.8	3.0	0.7	24	wx clay alteration
51.8	54.9	3.1	1.0	32	broken rock, minor cave
54.9	57.9	3.0	2.9	97	mainly broken rock
57.9	61.0	3.1	3.1	100	60
61.0	64.0	3.0	3.0	100	52
64.0	67.0	3.0	3.0	100	41
67.0	71.1	3.1	3.1	100	15
71.1	73.2	3.1	3.1	100	31, and minor soft clay
73.2	76.2	31.0	1.7	55	29, soft, friable
76.2	79.3	3.1	3.1	100	35, soft, friable
79.3	82.3	3.0	2.7	90	intensely friable
82.3	85.4	3.1	3.1	100	soft friable
85.4	88.4	3.0	1.5	50	soft, friable
88.4	91.5	3.1	2.8	90	soft, friable
91.5	94.5	3.0	3.0	100	mainly soft, clay altered
94.5	97.6	3.1	3.1	100	10
97.6	100.6	3.0	3.0	100	14
100.6	103.7	3.1	3.1	100	7
103.7	106.7	3.0	3.0	100	8
106.7	109.8	3.1	2.8	90	9 (30 cm rubble)
109.8	112.8	3.0	2.9	97	9
112.8	115.8	3.0	3.2	100	14
115.8	118.9	3.1	3.1	100	13
118.9	121.9	3.0	3.1	100	17
121.9	125.0	3.1	2.9	94	14
125.0	128.0	3.0	3.0	100	15
128.0	131.1	3.1	2.9	94	11
131.1	134.1	3.0	3.0	100	10
134.1	137.2	3.1	2.9	94	12
137.2	140.2	3.0	3.0	100	10
140.2	143.2	3.0	2.8	93	12
143.2	146.3	3.1	2.9	94	15
146.3	149.3	3.0	3.3	100	11
149.3	152.4	3.1	2.8	90	16
152.4	155.4	3.0	2.7	90	22 (clay altered rubble sections)
155.4	158.5	3.1	2.8	90	20+ (clay altered with layering)
158.5	161.5	3.0	2.9	97	14

Recovery and RQD

Heart Peaks 1996

DDH-HP-1

Interval		Recovery			Rock Quality Data
To	From	Amt. Drilled	Amt. Rcvd	% Rcvd.	Number of Natural Breaks
161.5	164.6	3.1	3.1	100	12
164.6	167.6	3.0	3.1	100	15
167.6	170.7	3.1	3.0	100	13 (10 cm fractured rubble)
170.7	175.7	3.0	2.9	97	17
173.7	176.8	3.1	2.8	90	22
176.8	179.9	3.1	2.8	90	30
179.9	182.9	3.0	3.0	100	33
182.9	186.0	3.1	3.0	97	27
186.0	189.0	3.0	2.8	93	26 (10 cm rubble)
189.0	192.0	3.0	2.7	90	27
192.0	195.1	3.1	3.1	100	12
195.1	198.2	3.1	3.1	100	22
198.2	201.2	3.0	3.0	100	21
201.2	204.3	3.1	3.1	100	16
204.3	207.3	3.0	2.8	93	13 (12 cm rubble)
207.3	210.4	3.1	3.1	100	15
210.4	213.4	3.1	3.1	100	13
213.4	216.5	3.1	3.1	100	9
216.5	219.5	3.0	3.0	100	13
219.5	222.6	3.1	3.0	97	13
222.6	225.6	3.0	3.0	100	17
225.6	228.7	3.1	3.0	97	22 (10 cm rubble)
228.7	231.7	3.0	3.0	100	18
231.7	234.8	3.1	3.0	97	19
234.8	237.8	3.0	3.0	100	10
237.8	240.9	3.1	3.0	97	9
240.9	243.9	3.0	3.0	100	11
243.9	247.0	3.1	3.1	100	16
247.0	250.0	3.0	3.0	100	6
250.0	253.0	3.0	3.0	100	14
253.0	256.0	3.0	3.0	100	17
256.0	259.1	3.1	3.1	100	12
259.1	262.1	3.0	3.0	100	13
262.1	265.2	3.1	3.1	100	16

Heart Peaks 1996

Recovery and RQD

DDH-HP-2

Interval		Recovery			Rock Quality Data
To	From	Amt. Drilled	Amt. Rcvd	% Rcvd.	Number of Natural Breaks
0.0	11.0				
11.0	12.2	1.2	1.2	4	4 (clay altered rubble)
12.2	15.2	3.0	2.1	70	12 (1.25m strongly altered rubble)
15.2	18.3	3.0	2.8	90	23
18.3	21.3	3.0	2.9	97	22
21.3	24.4	3.1	3.0	97	19
24.4	27.4	3.0	2.9	97	13
27.4	30.5	3.1	2.6	84	19 (0.3m strongly clay altered sections)
30.5	33.5	3.0	3.0	100	18 (0.2m strongly clay altered sections)
33.5	36.6	3.1	3.1	100	34
36.6	39.6	3.0	2.9	97	7
39.6	42.7	3.1	3.0	97	12
42.7	45.7	3.0	2.7	90	18
45.7	48.8	3.1	3.0	97	9
48.8	51.8	3.0	2.8	93	13
51.8	54.9	3.1	2.9	94	15
54.9	57.9	3.0	2.9	97	12
57.9	61.0	3.1	3.0	97	9
61.0	64.0	3.0	3.0	100	9
64.0	67.1	3.1	3.1	100	12
67.1	70.1	3.0	3.0	100	10
70.1	73.2	3.1	3.1	100	10
73.2	76.2	3.0	3.0	100	14
76.2	79.2	3.0	3.1	100	9
79.2	82.3	3.1	3.1	100	10
82.3	85.3	3.0	3.0	100	10
85.3	88.4	3.1	2.9	94	8
88.4	91.4	3.0	2.8	93	15
91.4	94.5	3.1	2.9	94	9
94.5	97.5	3.0	3.0	100	13
97.5	100.6	3.1	3.1	100	11
100.6	103.7	3.1	3.1	100	19 (0.3m clay altered rubble)
103.7	106.7	3.0	3.0	100	22 (0.5m clay altered rubble)
106.7	109.8	3.1	3.1	100	26
109.8	112.8	3.0	3.0	100	22 (0.2m clay altered rubble)
112.8	115.9	3.1	3.1	100	28
115.9	118.9	3.0	3.0	100	25
118.9	122.0	3.1	3.1	100	22 (0.3m clay altered rubble)
122.0	125.0	3.0	3.0	100	19 (0.2m clay altered rubble)
125.0	128.0	3.0	3.0	100	21 (0.2m clay altered rubble)
128.0	131.1	3.1	3.1	100	24 (0.1m clay altered rubble)
131.1	134.1	3.0	3.0	100	24 (0.2m clay altered rubble)
134.1	137.2	3.1	3.1	100	27
137.2	140.2	3.1	3.1	100	32
140.2	143.3	3.1	3.1	100	20 (0.1m clay altered rubble)
143.3	146.3	3.0	2.4	80	16 (0.3m clay altered rubble)
146.3	149.4	3.1	2.6	84	17 (0.5m clay altered rubble)
149.4	152.4	3.0	2.3	77	16 (0.5m clay altered rubble)
152.4	155.5	3.1	2.6	84	18 (0.7m clay altered rubble)
155.5	158.5	3.0	3.0	100	18 (0.1m clay altered rubble)

Heart Peaks 1996

Recovery and RQD

DDH-HP-2

Interval		Recovery			Rock Quality Data
To	From	Amt. Drilled	Amt. Rcvd	% Rcvd.	Number of Natural Breaks
158.5	161.6	3.1	3.1	100	17
161.6	164.6	3.0	3.0	100	21
164.6	1657.7	3.1	3.1	100	16
167.7	170.7	3.0	1.5	50	14 (0.5m clay altered rubble)
170.7	173.8	3.1	1.4	45	10 (1.6m clay altered rubble)
173.8	176.8	3.0	3.0	100	25 (0.3m clay altered rubble)
176.8	179.9	3.1	3.1	100	33 (0.5m clay altered rubble)
179.9	182.9	3.0	3.0	100	25
182.9	186.0	3.1	3.1	100	32 (0.2m clay altered rubble)
186.0	189.0	3.0	2.8	93	18
189.0	192.1	3.1	2.8	90	26
192.1	195.1	3.0	3.0	100	35
195.1	198.2	3.1	1.8	58	22 (1.2m clay altered rubble)
198.2	201.2	3.0	3.0	100	53
201.2	204.3	3.1	2.9	61	28
204.3	207.3	2.0	2.0	100	26
207.3	210.4	3.1	3.1	100	38
210.4	213.4	3.0	1.6	53	Mainly clay altered rubble
213.4	216.5	3.1	2.8	90	12
216.5	219.5	3.0	3.0	100	20
219.5	222.6	3.1	3.1	100	23
222.6	225.6	3.0	3.0	100	24 (0.2m clay altered rubble)
225.6	228.7	3.1	2.9	94	23
228.7	231.7	3.0	3.0	100	20 (0.2m clay altered rubble)
231.7	234.8	3.1	3.1	100	31
234.8	237.8	3.0	3.0	100	39
237.8	240.9	3.1	3.1	100	38 (0.3m clay altered rubble)
240.9	243.9	3.0	3.0	100	35 (0.2m clay altered rubble)
243.9	247.0	3.1	3.1	100	24 (0.2m clay altered rubble)
247.0	250.0	3.0	3.0	100	19 (0.2m clay altered rubble)
250.0	253.0	3.0	3.0	100	18
253.0	256.1	3.1	3.1	100	17
256.1	259.1	3.0	3.0	100	38
259.1	262.2	3.1	3.1	100	32
262.2	265.2	3.0	3.0	100	36 (0.1m clay altered rubble)
265.2	268.3	3.1	1.8	58	37 (0.2m sections of clay altered rubble)
268.3	271.3	3.0	2.7	87	38 (0.1m sections of clay altered rubble)
271.3	274.4	3.1	3.1	100	35
274.4	277.4	3.0	3.0	100	20
277.4	280.5	3.1	3.1	100	23
280.5	283.5	3.0	3.0	100	16
283.5	286.6	3.1	3.1	100	20
286.6	289.6	3.0	3.0	100	29
289.6	292.7	3.1	2.7	87	21 (0.1m sections of clay altered rubble)
292.7	295.7	3.0	1.9	63	22 (1.0m sections of clay altered rubble)
295.7	298.8	3.1	3.1	100	30
298.8	301.8	3.0	3.0	100	17
301.8	304.9	3.1	3.1	100	10
304.9	307.9	3.0	3.0	100	21
307.9	311.0	3.1	3.1	100	18

Heart Peaks 1996

Recovery and RQD

DDH-HP-2

Interval		Recovery			Rock Quality Data
To	From	Amt. Drilled	Amt. Rcvd	% Rcvd.	Number of Natural Breaks
314.0	317.1	3.1	3.1	100	11
317.1	320.1	3.0	3.0	100	12
320.1	323.2	3.1	3.1	100	28
323.2	326.2	3.1	3.1	100	20
326.2	329.3	3.1	3.1	100	35
329.3	332.3	3.0	3.0	100	24
332.3	335.4	3.1	3.1	100	16
335.4	338.4	3.0	3.0	100	15
338.4	341.5	3.1	2.4	7	33
341.5	344.5	3.0	2.9	97	24
344.5	347.6	3.1	3.0	97	18
347.6	350.6	3.0	3.0	100	16
350.6	353.7	3.1	2.8	90	22
353.7	356.7	3.0	2.9	97	28
356.7	359.8	3.1	3.1	100	25
359.8	362.8	3.0	2.6	87	36
362.8	365.9	3.1	3.1	100	27
365.9	368.9	3.0	3.0	100	25
368.9	372.0	3.1	3.1	100	17
372.0	375.0	3.0	3.0	100	14
375.0	378.1	3.1	3.0	100	14
378.1	381.1	3.0	3.0	100	22
381.1	384.1	3.0	3.0	100	24
384.1	387.2	3.1	3.1	100	26
387.2	390.2	3.0	3.0	100	23
390.2	393.3	3.1	3.1	100	30
393.6	396.3	3.0	3.0	100	33
396.3	399.3	3.0	3.0	100	10
399.3	402.3	3.0	3.0	100	26
402.3	405.4	3.1	3.1	100	12
405.4	408.4	3.0	3.0	100	11
408.4	411.5	3.1	2.9	94	32
411.5	414.5	3.0	3.0	100	60
414.5	417.6	3.1	3.1	100	6
417.6	420.6	3.0	3.0	100	16
423.7	426.7	3.0	3.0	100	10
426.7	429.8	3.1	3.1	100	7
429.8	432.8	3.0	3.0	100	11
432.8	435.9	3.1	3.1	100	11
435.9	438.9	3.0	2.2	73	25
438.9	442.0	3.1	3.0	97	17
442.0	445.0	3.0	3.0	100	15
445.0	448.0	3.0	3.0	100	9
448.0	451.1	3.1	3.1	100	12
451.1	454.2	3.1	3.1	100	11
454.2	457.2	3.0	3.0	100	15
457.2	460.2	3.0	3.0	100	11
460.2	463.3	3.1	3.1	100	12
463.3	466.3	3.0	3.0	100	10

Heart Peaks 1996

Recovery and RQD

DDH-HP-2

Interval		Recovery			Rock Quality Data
To	From	Amt. Drilled	Amt. Rcvd	% Rcvd.	Number of Natural Breaks
466.3	469.4	3.1	3.1	100	13
469.4	472.4	3.0	3.0	100	11
472.4	475.5	3.1	3.1	100	10
475.5	478.5	3.0	3.0	100	10
478.5	481.6	3.1	3.1	100	9
481.6	484.6	3.0	3.0	100	5
484.6	487.7	3.1	3.1	100	8
487.7	490.7	3.0	3.0	100	7
490.7	493.8	3.1	3.1	100	7
493.8	496.8	3.0	3.0	100	6
496.8	499.9	3.1	3.1	100	7
499.9	502.9	3.0	3.0	100	8
502.9	506.0	3.1	3.1	100	6
506.0	509.0	3.0	3.0	100	15
509.0	512.0	3.0	3.0	100	7
512.0	515.1	3.1	3.1	100	19
515.1	518.2	3.1	3.1	100	32
518.2	521.2	3.0	3.0	100	8

APPENDIX 4

PETROGRAPHIC REPORT

PETROGRAPHIC REPORT: HEART PEAKS, B.C.

To: Canamera Geological Ltd.
Suite 540 - 220 Cambie St., Vancouver, BC, V6B 2M9.

By: Wayne T. Jolly and Simon J. Haynes
Earth Sciences, Brock University, St. Catharines. ON, L2S 3A1.

INTRODUCTION

Seventeen drillcore samples were submitted by Dane Bridge, Canamera Geological Ltd., for petrographic thin section analysis: two from hole DDH HP96-1 and fifteen from DDH HP96-2. Except for one sample from DDH96-1, the specimens are strongly clay-altered and required epoxy-impregnation prior to cutting thin section slabs. Additional thin sections were prepared for three samples of breccia from hole DDH 96.2 in order to include different types of breccia clasts.

SUMMARY OF RESULTS

The two samples from hole DDH HP96.1 are feldspar-augite phenocrystic dacite-andesite lavas. Sample 107.6 contains pumpellyite both as vesicle fillings and as replacements of clinopyroxene phenocrysts, as well as minor concentrations in the groundmass. Sample 145.4 is altered to albite-green chlorite-carbonate. The fifteen samples from DDH HP96-2 are a suite of strongly argillized, adularia-bearing acidic lavas, ashes, ignimbrites, and breccias, both pyroclastic flows and explosive types. Epithermal alteration is predominantly kaolinite which is overgrown in some samples by pyrophyllite, together with minor sericite, sphene, limonite, and abundant hematite. Other clay minerals appear to be present, but their identification would require rigorous X-ray diffraction analysis.

DISCUSSION OF ALTERATION ASSEMBLAGES

DDH HP96-1

The presence of pumpellyite in sample 107.6 indicates low-grade burial metamorphism and limits the temperature during burial metamorphism to between 200 and 250^{O} C. Although the Heart Peaks Group of strata has been assigned to the early stage of the Late Tertiary-Quaternary volcanism

of the Level Mountain basalts, the observed burial metamorphic assemblage suggests a pre-Level Mountain Basalt age for the Heart Peaks dacite-andesite lavas, possibly as old as early Tertiary.

The albite-green chlorite-carbonate alteration assemblage in sample 145.4 indicates the presence of a propylite zone of alteration within the Heart Peaks lavas. The abundance of carbonate is consistent with the propylite zone in the outer part of a low-sulphidation epithermal system that is cored by an inner assemblage of adularia-sericite (see descriptions of samples from hole DDH HP96-2, below).

DDH HP96-2

The near ubiquitous association of fresh euhedral adularia set in a groundmass of kaolinite, in part altering to pyrophyllite, is enigmatic. Adularia is usually associated with near-neutral to slightly alkaline pH in hydrothermal solutions that give rise to adularia-sericite (illite) assemblages in the mid-depths of low-sulphidation epithermal systems. In contrast, kaolinite-pyrophyllite is typical of acidic pH solutions that yield these advanced argillic assemblages in the upper parts of high-sulphidation epithermal systems.

The generally low content of sulphide minerals (<5% pyrite), the presence of silver rather than gold, and the restricted area of quartz veining at Heart Peaks are all consistent with a low-sulphidation epithermal system. World-wide, kaolin and alunite (locally present at the surface above the site of hole DDH HP96-1) are present as near-surface, steam-heated waters in low-sulphidation systems either overlying the adularia ore zone or overprinting the ore zone where acid waters have percolated downward along bedding planes and fractures. This is considered to be the result of late collapse of a overlying volcanic edifice causing a "steam-heated overprint" by acid solutions of earlier, deeper, low-sulphidation alteration. Steam heated overprinting is associated normally with low temperature solutions at about 100^{O} C. The occurrence of pyrophyllite overgrowing kaolinite suggests prograde (rather than the usual retrograde) temperature conditions as pyrophyllite is normally considered to form above 200^{O} from the following reaction:

$$\text{kaolinite} + \text{quartz} \longleftrightarrow \text{pyrophyllite} + H_2O.$$

$$Al_2[(OH)_4Si_2O_5] \quad 2SiO_2 \quad Al_2[(OH)_2Si_4O$$

At these higher temperatures pyrophyllite is associated with dickite, illite or diaspore; however, pyrophyllite in the presence of stable chalcedony or amorphous silica may form below 160^{O}.

In thin section, adularia is euhedral and fresh in both lavas and broken crystals in volcanic breccias. The mineral may have formed as an igneous feldspar, but if so, it is not clear why it survived the episode of kaolinitization. In addition, adularia is absent from both the phenocrysts and

matrix of the less-altered lavas of DDH HP96-1. The same problem arises for late steam-heated overprint model to explain the intense kaolinite ± pyrophyllite alteration, in that adularia should have reacted with the acid solutions to form kaolinite.

There are at least two possible explanations for this enigma:

1) Kaolinitization took place early during near-surface mixing of meteoric-magmatic water and acid alteration of rocks underlying the opaline sinters of Opal Dome, present on the surface above DDH HP96-2. As the volcanic edifice of ignimbrites, acid flow domes, and sinters built up, deeper-level, higher-temperature, low-sulphidation solutions could have moved upward contemporaneously to higher elevations (while maintaining the same depth from the surface) and overprinted the earlier kaolinite alteration zone. Such a model explains both the stability of adularia (stable at late-stage in near-neutral pH conditions) and the overprinting of kaolinite by pyrophyllite (higher temperature overprint), and the presence of minor sericite in the matrix, since adularia-sericite assemblages are stable.

2. The kaolinite and pyrophyllite are in fact chlorite, smectite, illite or other phyllosilicates such as roscoelite (Vanadium mica) or the brittle micas. Stable low-sulphidation assemblages of adularia-illite-smectite-chlorite are common world-wide. Identification of the fine-grained clays will require X-ray diffraction studies to resolve this problem. No matter which model is correct, it is apparent that the silver mineralization at Heart Peaks is related to a low-sulphidation system, and that the only ore zone present will occur at depth, as relatively narrow vein targets. It is extremely unlikely that gold mineralization is present at Heart Peaks, given that most low-sulphidation systems, world-wide, are silver-bearing and no gold has been observed on the surface or in drillcore.

SAMPLE DESCRIPTIONS

DDH HP96-1

107.6 Dark intermediate andesite or dacite with abundant phenocrysts of augite and intermediate to sodic plagioclase in a matrix composed of devitrified glass and abundant euhedral plagioclase and altered augite microlites. Many of the dusty feldspars display late growth rims of albite, and others are albitized on edges. Augite is altered, also along crystal margins, to pumpellyite, chlorite, and quartz. Hematite replaces most magnetite grains and stains the rock throughout. Pumpellyite is best developed within vesicles, particularly along margins where pumpellyite is intimately intergrown with quartz. Larger vesicles contain a core of quartz together with the pumpellyite-rich margin. Pumpellyite contains about 35% silica, and

quartz is a common by-product of its development. The observed pumpellyite is microcrystalline with the typical needle-like habit. Individual grains are up to 1.0 mm in length. The pumpellyite is brownish green, indicating high Fe content as typical in rocks of this metamorphic grade; the mineral displays exceedingly high relief and anomalous blue to purple interference colours.

145.4 Grey-green altered andesite or dacite, finer-grained and more altered than 107.6, with quartz-eye phenocrysts/amygdules. Carbonate is the dominant secondary mineral, but green chlorite is abundant also, often completely replacing augite phenocrysts. Because Ca-Al-silicates are unstable in the presence of CO_2, zeolites and members of the prehnite-pumpellyite facies are absent. Quartz eyes contain fine fracture-fillings of carbonate sulphate (anhydrite or alunite). Hematite and quartz (iddingsite) void fillings are common, and minor serpentine replaces tiny olivine pseudomorphs in the groundmass. The groundmass is comprised of albite microlites and augite in a devitrified glassy matrix. Carbonitization of the rock has transformed both augite and plagioclase phenocrysts to calcite-hematite mixtures. Minor K-feldspar phenocrysts are strongly altered to dusty clay (smectite or illite?)

DDH HP96-2

70.8 Kaolinitized rhyolite tuff with abundant broken euhedral adularia crystals up to 0.5 mm in length. The finely stratified matrix consists largely of kaolinitized glass and fine subtrachytic microlites of feldspar and altered biotite. The rock is subdivided into bluish-grey banded domains and pale pink globular to elongate masses. Banding in the dark ash is contorted and deflected around the large pink domains, suggesting the latter represent deformed dropstones of partly molten material; some of the dropstones have been elongated parallel to bedding, probably due to soft-sediment deformation.

Dark layers contain a higher proportion of iron oxides, predominantly hematite and limonite, while the pink material, characterized by more massive character, displays only minor discoloration resulting from exceedingly finely disseminated hematite. Both domains are heavily kaolinitized, such that even biotite (often partly sericitized) is altered largely to a combination of kaolinite and hematite. Sericite is a minor constituent of the groundmass. Traces of zircon and secondary sphene are also present.

116.6 Subtrachytic glomeroporphyritic rhyolite with abundant twinned, fresh, euhedral adularia crystals (up to 0.5 mm in diameter) and abundant quartz phenocrysts set in a subtrachytic groundmass comprised of kaolinitized glass and fresh adularia microlites.

The groundmass and associated crystals are heavily altered within broadly spherical or oval shaped domains located randomly throughout the rock. Within the altered domains, original rock components are corroded, obscuring microlites and other relic textures. Within isolated central parts of the domains, kaolinite is replaced by well crystallized new growths of pyrophyllite. Associated with the domains are dense clouds of secondary hematite and sphene grains. Concentrations of these iron oxide grains within altered feldspar crystals produce a pale pink coloration.

131.7 Rhyolite porphyry with fresh euhedral adularia crystals (up to 0.3 mm in diameter) distributed evenly throughout a subtrachytic kaolinitized groundmass of devitrified glass and adularia microlites. Pyrophyllite is present as wispy patches averaging 5-10 mm in diameter, within the kaolinized groundmass.

Under conditions of pyrophyllite formation, zeolites are not usually stable, since they dehydrate at temperatures only slightly above the boiling point of water, Retrogressive zeolites are common in rocks of the appropriate bulk composition. However, zeolites, most of which are calcium-aluminium silicates, are rare in low-calcium rhyolites.

197.0 Lapilli tuff containing clasts of subtrachytic rhyolite flow rock, mostly carrying phenocrysts of euhedral adularia, rounded quartz, and magnetite crystals set in a fine-grained feldspathic groundmass. In the matrix large isolated, broken grains of euhedral adularia, glomeroporphyritic anhedral quartz, and K-feldspar with gridiron twinning (one of several possible forms of adularia) are present. Both matrix and accompanying clasts are highly pyrophyllitized; minor sericite is disseminated through pyrophyllite zones. Several clasts of highly vesicular rhyolite lava are extensively corroded and replaced by hematite and limonite.

Dark greyish clasts also contain abundant hematized euhedral magnetite grains and degraded kaolinitized feldspar crystals. Remnant twinning suggests these phenocrysts were originally sodic plagioclase.

280.0 Kaolinitized rhyolite with 2 to 5 mm fresh adularia euhedra in a finely kaolinitized matrix with slightly-higher birefringence clays (mixed layer smectite or illite?).

314.0 Rhyolite lapilli or ignimbrite tuff containing indistinct clasts of 1) welded tuff with well developed flow textures, 2) subtrachytic rhyolite, and 3) isolated grains of broken adularia euhedra. The entire rock has undergone extensive kaolinitization, particularly in the matrix and in groundmasses of fine-grained clasts.

332.0 Pyroclastic flow of indistinct, rounded fragments of spherulitic welded tuff in a matrix of kaolinitized rhyolite. Plagioclase phenocrysts in several clasts are highly corroded to cavernous or spongy albite. Accompanying albite are abundant kaolinite and lesser sericite. Small 2 to 5 mm spherical domains or alteration knots are distributed widely. Within these, kaolinitized devitrified glass predominates, but both carbonate crystals and clouds of tiny hematite grains, discolouring the rock with hematite stains, are present also. Small amounts of the calcium-titanium silicate sphene apparently formed from Ti and Ca released by degradation of magnetite and plagioclase, respectively.

416.5 Rhyolite flow breccia with welded matrix containing large albite phenocrysts up to 5.0 mm in length; many of these contain large matrix-filled cavities. Pyrophyllite tends to form a rim on vesicles, filled commonly with new growths of hematite. Similarly, the groundmass is heavily kaolinitized and strongly stained by hematite. Clasts are of both glass, with crowded micro-spherules, and feldspar phenocryst, flow-banded, spherulitic ignimbrite. Many of the clasts are squat-shaped, indicating soft deformation associated with pyroclastic deposition.

420.3 Siltstone-like rock flour altered primarily to kaolinite and other clay minerals, perhaps including illite and lesser vermiculite. A single 1.0 cm long clast of Takwahoni siltstone is included. The clay matrix is intensely stained by hematite.

428.2 Highly hematized fine-grained ash or siltstone with fluidization banding. Broken quartz and adularia grains are abundant and tend to be concentrated in bands that make up the moderately well developed stratification. Biotite grains are degraded to low-grade clay minerals, probably vermiculite. The matrix contains abundant glass shards replaced by kaolinite.

451.9 Pyroclastic breccia containing both massive and finely laminated clasts of subtrachytic rhyolite and rhyolite ignimbrite in a glassy matrix. The matrix, consisting of glass and broken or deformed (bent) feldspar microlites, is altered in irregular patches to kaolinite and hematite. More mafic clasts also contain secondary chlorite. Darker clasts are heavily hematized. Although commonly replaced by dusty albite, feldspar microlites in clasts retain calcic feldspar relicts. Several clasts, displaying the same mineralogy are pale green in colour. Other clasts are discoloured by red and brown hematite stains.

453.6 Pyroclastic breccia containing abundant clasts of subtrachytic, glassy rhyolite fragments in a glassy matrix. The matrix is largely fresh, but 5 mm patches or pods of kaolinitization are present. Many glassy parts of the rock carry large (0.5 mm) platy sanidine feldspar crystals

normally oriented parallel to foliation in the glassy host. Glassy domains also contain oriented feldspar microlites and spherulitic pods up to 0.05 mm in diameter containing hematite. Much of the glass is streaked yellowish or pinkish in colour by hematite. A few biotites in the matrix are strongly chloritized. Green and red colours in clasts are attributed to the presence of kaolinite and hematite, respectively.

470.2 Phreatic breccia composed of fine-grained glassy clasts of rhyolite in a matrix of rhyolite glass-crystal tuff. Microlites of feldspar laths and a few broken augite and feldspar crystals are present. The matrix is generally white, while clasts are dark greenish-brown. Much of the glass is altered to clay minerals, primarily kaolinite.

490.9 Phreatic breccia containing kaolinitized glassy clasts of rhyolite in a crystal vitric tuff. The tuff is made up primarily of glass shards and numerous broken adularia and a few augite crystals.

496.4 A second sample of phreatic breccia similar to sample 490.4 above, consisting of partly kaolinitized glassy rhyolite clasts in a glassy crystal tuff. Most of the clasts are composed of glassy, laminated fragments with broad banding produced by hematite rich layers. The matrix contains kaolinitized glass, albitized feldspar microlites, and quartz. Granular quartz also is present in veins.

APPENDIX 5

GEOCHEMICAL CERTIFICATES

6-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS - AK96-739

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: JAN BRUNZ

No. of samples received:9
Sample Type:ROCK
PROJECT #:0048
SHIPMENT #7338
Samples submitted by:DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	56701 ✓	12.8	0.06	10	5	<5	<0.01	<1	<1	213	5	0.49	<10	<0.01	92	12	<0.01	4	20	6	<5	<20	3	<0.01	<10	<1	<10	<1	2
2	56702 ✓	4.6	0.04	35	<5	<5	<0.01	<1	1	231	5	0.70	<10	<0.01	42	14	<0.01	5	20	6	<5	<20	<1	<0.01	<10	<1	<10	<1	2
3	56703	2.0	0.43	540	45	<5	3.18	<1	13	127	3122	2.61	<10	0.48	136	256	<0.01	10	310	8	10	<20	75	<0.01	<10	22	<10	3	52
4	56704	1.0	1.08	<5	115	<5	2.40	2	276	82	1917	>10	<10	0.88	254	28	0.06	76	840	12	<5	<20	63	0.08	30	56	<10	<1	38
5	56705	18.8	0.18	175	35	35	2.75	8	18	136	1069	5.27	<10	0.40	412	34	<0.01	14	320	862	445	<20	22	<0.01	<10	5	<10	<1	301
6	56706	29.6	0.35	300	65	<5	2.03	4	264	128	<1	>10	<10	0.42	158	281	<0.01	121	10000	<2	<5	<20	22	<0.01	10	19	950	<1	158
7	56707	1.8	0.58	<5	90	30	1.51	2	242	92	1219	>10	<10	0.27	151	25	<0.01	25	160	22	<5	<20	24	<0.01	40	13	180	<1	29
8	56801 ✓	<0.2	0.23	50	<5	<5	0.01	<1	3	161	44	1.57	,20	<0.01	26	45	<0.01	5	40	30	<5	<20	<1	<0.01	<10	1	<10	2	20
9	56802 ✓	1.8	0.13	1845	40	<5	<0.01	<1	3	145	21	1.98	20	<0.01	29	30	<0.01	5	90	18	25	<20	13	<0.01	<10	1	<10	3	55
QC DATA:																													
Resplit:																													
1	56701	10.6	0.05	15	5	<5	<0.01	<1	<1	199	5	0.49	<10	<0.01	102	6	<0.01	3	20	6	<5	<20	2	<0.01	<10	<1	<10	<1	2
Repeat:																													
1	56701	12.6	0.06	15	5	<5	<0.01	<1	<1	219	5	0.52	<10	<0.01	103	13	<0.01	5	20	8	<5	<20	2	<0.01	<10	<1	<10	<1	6
Standard:		1.2	1.72	60	165	<5	1.93	<1	21	64	82	4.04	<10	1.05	726	<1	0.01	22	710	22	<5	<20	54	0.10	<10	77	<10	5	75

df739R
XLS/96Canamera

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

7-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
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Phone: 604-573-5700
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ICP CERTIFICATE OF ANALYSIS - AK96-857

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: DANE BRIDGE

No. of samples: 7
Sample Type: Sand - Heavy Media Sep @ 2.97
PROJECT #: 0048
SHIPMENT #: 7
P.O. #: 5444
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	%HM (Non-Mag)
1	H218	<5	0.6	0.36	<5	275	40	1.33	2	68	75	66	>10	<10	0.28	6748	27	0.01	106	4450	<2	<5	<20	122	0.04	<10	209	<10	4	254	3.48
2	H219	<5	0.6	0.33	<5	385	25	0.73	3	55	26	50	>10	<10	0.18	6539	24	<0.01	58	2650	<2	<5	<20	78	0.04	<10	148	<10	12	264	4.95
3	H220	<5	0.8	0.30	<5	315	35	0.73	3	61	35	50	>10	<10	0.24	7083	24	<0.01	65	2230	<2	<5	<20	70	0.05	<10	172	<10	9	243	2.58
4	H221	<5	0.8	0.31	<5	360	25	0.61	3	78	44	125	>10	<10	0.52	6967	24	0.01	93	880	<2	<5	<20	68	0.04	<10	222	<10	<1	252	3.21
5	H222	<5	0.6	0.29	<5	255	20	0.75	3	74	34	95	>10	<10	0.75	6378	21	0.01	88	1270	<2	<5	<20	63	0.05	<10	208	<10	<1	236	4.60
6	H223	<5	0.4	0.59	<5	210	20	0.57	1	58	34	40	>10	<10	2.09	4724	11	0.07	108	1320	4	<5	<20	72	0.14	<10	124	<10	5	168	5.99
7	H224	<5	0.4	0.46	<5	175	15	0.74	2	64	34	119	>10	<10	1.30	4472	19	0.02	96	1560	6	<5	<20	71	0.06	<10	196	<10	6	205	0.96
QC DATA:																															
Repeat:																															
1	H218	-	0.6	0.33	<5	295	35	1.39	3	70	73	68	>10	<10	0.32	6907	27	0.01	109	4740	<2	<5	<20	126	0.04	<10	205	<10	5	258	-
Standard:																															
GEO'96		145	0.8	1.80	60	150	<5	1.81	<1	18	64	76	3.78	<10	0.91	655	<1	0.02	22	700	24	<5	<20	55	0.11	<10	75	10	5	64	-

dt/HM869
XLS/96Canamera#5

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

7-Oct-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS - AK96-741

Post-it™ Fax Note	7671E	Date OCT 8	# of pages ▸ 6
To DAVE AWRAM		From ECO-TECH	
Co./Dept.		Co.	
Phone #		Phone #	
Fax #		Fax #	

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: DAVE AWRAM

No. of samples:72
Sample Type:SAND
PROJECT #: 0048
SHIPMENT #:1
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	%HM (Non-Mag)
1	H01	<5	0.6	0.59	<5	80	<5	0.70	<1	43	46	23	9.87	<10	3.63	1778	3	0.04	149	2010	6	<5	<20	42	0.17	<10	83	<10	3	67	8.78
2	H02	<5	0.4	1.07	<5	160	5	0.64	1	52	50	36	>10	<10	2.85	2847	6	0.05	119	2230	6	<5	<20	48	0.27	<10	153	<10	4	123	1.89
3	H03	70	<0.2	0.66	<5	100	10	0.85	1	47	63	22	>10	<10	3.61	1777	2	0.05	165	2440	4	<5	<20	44	0.23	<10	99	<10	4	76	10.00
4	H04	<5	0.4	0.81	<5	105	<5	0.97	1	49	67	26	>10	10	3.84	2052	3	0.03	156	2840	4	<5	<20	51	0.23	<10	126	<10	4	84	1.98
5	H05	9	0.6	0.76	<5	235	<5	0.74	<1	43	52	22	>10	<10	3.69	1562	1	0.07	150	1830	<2	<5	<20	47	0.27	<10	100	<10	2	68	10.17
6	H06	<5	0.6	0.70	<5	120	10	0.73	<1	46	56	18	>10	<10	3.57	2060	2	0.06	146	1870	2	<5	<20	43	0.24	<10	98	<10	3	70	9.76
7	H07	<5	0.2	0.81	<5	75	10	0.86	1	43	53	18	>10	10	3.75	1390	5	0.02	157	2490	8	<5	<20	42	0.20	<10	97	<10	3	106	8.12
8	H08	<5	0.6	0.73	<5	75	10	1.10	1	46	70	18	>10	20	4.09	1465	<1	0.02	165	3400	8	<5	<20	52	0.29	<10	114	<10	8	96	6.76
9	H09	<5	0.6	0.94	80	90	5	0.77	2	42	44	35	>10	100	3.10	1960	15	0.02	119	2270	68	<5	<20	32	0.19	<10	94	<10	5	485	1.41
10	H10	<5	0.2	0.85	<5	130	10	1.30	2	45	54	28	>10	20	2.86	2284	8	0.03	119	4130	16	<5	<20	56	0.23	<10	119	<10	6	223	3.08
11	H11	7	0.6	0.70	<5	130	10	0.78	1	44	60	18	9.92	<10	3.63	1693	2	0.03	151	1920	<2	<5	<20	38	0.24	<10	103	<10	3	80	5.62
12	H12	314	1.0	0.82	<5	425	10	0.50	2	40	42	58	>10	<10	1.29	1721	16	0.01	95	1050	406	<5	<20	78	0.10	<10	272	<10	7	235	1.69
13	H13	900	0.4	0.64	<5	165	15	0.40	1	39	38	17	>10	40	2.77	2764	11	<0.01	104	1410	14	<5	<20	27	0.15	<10	76	<10	<1	224	2.27
14	H14	306	0.6	0.67	85	140	15	0.45	<1	37	32	88	>10	20	1.93	2735	14	<0.01	83	2090	16	<5	<20	31	0.18	<10	102	<10	<1	265	2.04
15	H15	<5	0.4	0.50	<5	55	10	0.59	<1	36	50	12	8.87	<10	2.75	1352	1	<0.01	116	1790	<2	<5	<20	21	0.25	<10	82	<10	3	141	5.38
16	H16	35	0.6	0.71	<5	90	10	0.85	2	48	54	22	>10	<10	3.62	2252	3	0.06	153	2380	4	<5	<20	45	0.24	<10	103	<10	3	212	8.88
17	H17	24	0.4	0.70	<5	105	15	0.86	1	48	56	20	>10	<10	3.98	1800	4	0.06	163	2600	4	<5	<20	51	0.25	<10	96	<10	3	115	8.83
18	H18	15	0.6	0.80	<5	85	5	1.06	<1	48	68	21	>10	10	3.79	1723	3	0.03	157	3330	8	<5	<20	53	0.29	<10	127	<10	6	122	5.93
19	H19	<5	2.0	0.56	2550	85	10	0.39	<1	37	17	30	>10	10	1.33	2419	44	<0.01	58	1660	106	<5	<20	25	0.10	<10	84	<10	<1	397	1.57
20	H101	39	0.8	0.70	60	95	<5	0.86	<1	44	53	19	>10	<10	3.68	1781	2	0.05	152	2400	4	<5	<20	56	0.28	<10	92	<10	5	90	8.19
21	H102	5	0.2	0.70	<5	55	10	0.85	<1	40	56	15	8.29	<10	3.37	1276	<1	0.03	147	2150	2	<5	<20	46	0.26	<10	91	<10	4	51	7.86
22	H103	<5	0.4	0.36	185	105	15	0.97	2	28	9	23	>10	20	1.43	10000	28	0.03	51	2320	22	<5	<20	30	0.12	<10	53	<10	<1	298	3.25
23	H104	<5	0.8	0.71	1070	800	30	0.32	<1	33	20	29	>10	<10	1.18	1400	30	0.03	59	2740	18	<5	<20	51	0.27	<10	91	<10	<1	231	0.994
24	H105	10	0.6	0.55	95	115	10	0.68	<1	45	55	17	9.73	60	4.66	1266	<1	0.07	204	1890	12	<5	<20	41	0.39	<10	84	<10	32	91	4.08
25	H106	<5	0.8	0.59	15	120	10	0.86	1	47	55	18	>10	20	4.36	1940	<1	0.05	192	2220	12	<5	<20	38	0.39	<10	100	<10	48	96	2.36

CANAMERA GEOLOGICAL LTD. ICP CERTIFICATE OF ANALYSIS - AK98-741 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Be	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Bn	Sr	Ti %	U	V	W	Y	Zn	HM (Non-Mag)
26	H107	1124	0.4	0.69	320	150	10	0.79	<1	43	56	21	>10	60	4.04	1883	1	0.09	177	2350	18	<5	<20	51	0.37	<10	91	<10	86	114	1.84
27	H108	1121	0.4	0.54	<5	175	10	0.73	<1	44	53	18	10.00	80	4.45	1539	<1	0.06	189	2080	12	<5	<20	43	0.48	<10	93	<10	40	93	4.04
28	H109	193	0.8	0.79	180	175	20	0.94	<1	55	74	22	>10	110	4.52	1920	<1	0.09	224	2670	34	10	<20	63	0.62	<10	117	<10	144	142	1.02
29	H110	669	0.2	0.81	55	140	10	0.90	<1	48	61	24	>10	30	5.16	1796	2	0.11	214	2420	20	<5	<20	70	0.34	<10	95	<10	41	102	2.96
30	H111	<5	0.4	0.54	<5	70	5	0.90	<1	31	35	14	6.36	20	1.22	1278	<1	0.01	55	1970	8	<5	<20	24	0.81	<10	141	<10	26	73	6.49
31	H112	<5	0.8	0.47	190	100	15	0.63	1	33	15	33	>10	40	2.23	7798	23	0.03	70	2270	24	<5	<20	35	0.14	<10	50	<10	6	688	1.69
32	H113	<5	0.6	0.51	415	95	20	0.75	<1	28	16	31	>10	20	2.15	5989	23	0.04	74	2360	16	<5	<20	40	0.18	<10	58	<10	<1	290	4.69
33	H114	111	4.8	0.38	1410	95	20	0.49	<1	28	9	20	>10	20	1.45	3857	53	0.03	56	1560	140	<5	<20	28	0.16	<10	54	<10	<1	157	2.07
34	H115 ✓	<5	4.2	0.37	2880	105	20	0.41	<1	27	5	32	>10	10	1.30	2956	63	0.03	50	1520	180	<5	<20	30	0.10	<10	46	<10	<1	157	2.4
35	H116	10	3.2	0.41	2200	100	25	0.32	<1	31	9	32	>10	<10	1.68	2149	54	0.03	72	1410	138	<5	<20	32	0.10	<10	49	<10	<1	169	2.48
36	H117	<5	<0.2	0.45	<5	315	25	0.93	3	65	22	48	>10	20	1.29	4871	20	0.01	86	1570	16	<5	<20	99	0.09	<10	152	<10	<1	209	5.02
37	H118	71	2.0	0.56	270	95	15	0.92	<1	25	3	38	>10	<10	0.36	2323	40	0.01	27	340	72	<5	<20	23	0.04	<10	40	<10	<1	252	4.51
38	H119	<5	0.8	0.61	<5	80	<5	0.66	1	39	53	74	8.61	<10	3.60	1273	<1	0.03	155	1610	4	<5	<20	39	0.26	<10	95	<10	2	56	6.29
39	H120	10	0.8	0.45	200	105	10	0.75	<1	28	11	35	>10	20	1.65	6972	23	0.03	57	2010	26	<5	<20	36	0.18	<10	54	<10	4	323	2.37
40	H121	5	<0.2	0.60	<5	110	<5	0.77	3	35	48	17	8.08	<10	2.82	1408	5	0.02	139	1870	4	10	<20	37	0.16	<10	85	<10	5	53	6.94
41	H122	<5	<0.2	0.61	<5	115	10	0.90	1	42	60	17	8.40	<10	3.88	1847	2	0.02	152	2360	4	<5	<20	50	0.21	<10	90	<10	8	56	7.33
42	H123 ✓	94	0.2	0.73	<5	70	10	0.89	1	42	62	18	8.64	20	3.57	1383	1	0.03	152	2080	<2	<5	<20	43	0.23	<10	106	<10	9	48	6.62
43	H124	<5	<0.2	0.77	<5	80	15	1.03	<1	42	70	18	8.76	<10	3.36	1622	<1	0.03	137	2660	<2	<5	<20	50	0.28	<10	107	<10	8	45	9.50
44	H125	<5	0.4	0.83	<5	125	5	1.11	<1	54	83	17	8.72	<10	8.39	1769	1	0.06	301	2720	<2	<5	<20	84	0.24	<10	83	<10	6	50	5.25
45	H126	8	<0.2	0.75	<5	85	5	0.88	<1	37	50	19	7.93	<10	2.92	1202	2	0.03	116	2150	<2	<5	<20	49	0.24	<10	97	<10	8	45	11.9
46	H127	<5	<0.2	0.62	<5	35	<5	0.95	<1	26	47	12	5.14	<10	2.16	679	<1	0.02	93	2390	<2	<5	<20	53	0.22	<10	71	<10	7	33	12.45
47	H128	<5	0.4	0.38	<5	280	20	1.40	4	86	46	29	>10	<10	2.24	10000	21	0.02	89	520	<2	<5	<20	35	0.08	<10	100	<10	<1	194	17.81
48	H129	<5	0.2	0.38	<5	335	25	1.30	4	87	53	26	>10	<10	2.36	10000	20	0.02	95	370	4	<5	<20	28	0.10	<10	98	<10	<1	177	12.4
49	H130	10	0.2	0.44	<5	235	30	1.07	4	72	43	59	>10	<10	1.08	9557	25	0.02	70	960	6	<5	<20	36	0.03	<10	133	<10	<1	424	10.23
50	H131	<5	<0.2	0.74	<5	350	25	0.71	<1	56	56	25	>10	<10	4.28	2640	4	0.05	159	1390	2	<5	<20	81	0.29	<10	134	<10	6	77	6.48
51	H132	<5	<0.2	0.70	<5	175	10	0.75	1	60	60	22	>10	<10	5.05	2488	5	0.04	191	1700	22	<5	<20	47	0.26	<10	121	<10	8	78	3.45
52	H133	15	<0.2	0.84	<5	100	20	0.82	1	63	64	31	>10	<10	3.81	2730	7	0.03	162	1780	<2	<5	<20	52	0.21	<10	152	<10	5	78	4.17
53	H134	<5	<0.2	0.70	<5	125	10	0.94	1	64	57	28	>10	<10	3.99	3529	5	0.02	183	2440	<2	<5	<20	50	0.25	<10	149	<10	6	75	7.01
54	H135	<5	<0.2	0.81	<5	120	15	0.83	2	68	65	35	>10	<10	4.13	2701	6	0.02	172	2270	<2	<5	<20	49	0.28	<10	176	<10	6	84	1.91
55	H136 ✓	169	<0.2	0.79	<5	105	15	0.77	2	61	65	30	>10	<10	4.66	2433	5	0.02	181	1940	<2	<5	<20	42	0.23	<10	147	<10	6	77	2.64
56	H137	5	0.4	0.55	<5	155	10	0.73	2	61	61	22	>10	<10	4.69	2885	3	0.01	187	1980	<2	<5	<20	36	0.29	<10	137	<10	5	65	6.54
57	H138	<5	0.4	0.54	<5	325	15	0.75	1	59	73	14	>10	<10	6.09	2118	<1	0.03	228	1750	4	<5	<20	38	0.32	<10	89	<10	7	72	3.19
58	H139	5	<0.2	1.63	<5	85	<5	1.20	<1	23	141	54	3.77	<10	2.12	805	<1	0.02	73	1310	<2	5	<20	48	0.14	<10	72	<10	2	34	13.88
59	H140	18	<0.2	1.40	<5	295	<5	1.24	<1	27	48	64	5.64	<10	1.27	557	3	0.03	26	1160	<2	<5	<20	41	0.13	<10	108	<10	<1	33	11.89
60	H141	<5	<0.2	1.36	<5	575	<5	1.75	1	16	156	154	3.88	<10	1.78	682	1	0.02	56	1540	6	<5	<20	72	0.10	<10	85	<10	3	39	7.06

CANAMERA GEOLOGICAL LTD. ICP CERTIFICATE OF ANALYSIS - AK96-741 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	HM (Non-Mag)
61	H142	175	0.4	1.35	10	385	<5	1.84	1	18	79	123	5.83	<10	1.32	478	26	0.02	29	1550	6	<5	<20	91	0.10	<10	123	<10	<1	48	6.56
62	H143	<5	<0.2	2.50	<5	700	<5	2.77	<1	20	10	67	5.51	<10	2.01	913	2	<0.01	8	2140	4	<5	<20	380	0.12	<10	128	<10	6	60	7.73
63	H201	5	<0.2	1.32	<5	240	<5	1.16	<1	40	176	127	7.10	<10	1.48	1011	4	0.01	61	1060	12	<5	<20	56	0.06	<10	155	<10	<1	38	5.18
64	H202	<5	0.4	1.37	<5	290	<5	0.88	1	38	227	96	5.37	<10	1.48	1433	2	0.02	80	900	16	<5	<20	29	0.09	<10	103	<10	<1	38	3.94
65	H203	<5	<0.2	1.03	20	95	<5	1.03	1	36	136	114	7.45	<10	1.05	847	6	0.02	41	1480	12	<5	<20	30	0.06	<10	126	<10	3	46	2.48
66	H204	<5	0.4	1.00	20	190	<5	1.12	<1	21	172	72	5.12	<10	1.36	513	5	0.01	58	1280	12	<5	<20	20	0.06	<10	110	<10	<1	31	3.76
67	H205	47	0.2	1.24	85	265	<5	1.11	<1	30	174	66	5.06	<10	1.49	651	3	0.02	62	1090	164	<5	<20	27	0.07	<10	90	<10	<1	82	5.62
68	H206	27	<0.2	1.35	10	285	<5	1.04	<1	21	199	45	3.86	<10	1.84	1102	13	0.02	76	800	8	<5	<20	20	0.07	<10	68	<10	<1	31	9.48
69	H207	<5	0.6	0.99	25	385	<5	1.56	<1	20	113	76	6.00	<10	1.09	946	43	0.02	37	1690	26	<5	<20	66	0.07	<10	116	<10	5	52	2.06
70	H208	<5	1.6	0.82	70	60	<5	1.55	1	50	106	130	8.55	<10	0.91	861	13	0.01	38	1900	760	<5	<20	87	0.05	<10	137	<10	2	67	2.04
71	H209	51	9.2	1.01	870	65	<5	0.95	<1	108	12	364	>10	<10	0.50	1193	14	<0.01	14	1860	1856	65	<20	67	0.06	<10	97	<10	<1	249	1.98
72	H210	1434	0.8	1.33	20	355	5	1.16	<1	28	74	68	8.00	<10	1.07	767	6	0.01	24	2430	28	<5	<20	55	0.09	<10	156	<10	3	52	1.36
QC DATA:																															
Repeat:																															
1	H01	-	0.8	0.68	<5	85	<5	0.89	<1	46	50	54	>10	10	3.60	1872	3	0.05	151	2020	6	<5	<20	46	0.19	<10	98	<10	5	70	
10	H10	-	<0.2	0.88	<5	130	10	1.28	2	47	58	28	>10	20	3.05	2375	6	0.03	124	4040	16	<5	<20	59	0.26	<10	127	<10	6	244	
19	H19	-	1.8	0.59	2610	85	20	0.41	<1	35	19	31	>10	20	1.13	2318	43	<0.01	54	2000	108	<5	<20	31	0.11	<10	65	<10	<1	406	
28	H109	-	0.8	0.78	160	190	35	0.95	<1	55	72	24	>10	110	4.59	1902	<1	0.08	223	2850	32	10	<20	70	0.64	<10	123	<10	146	144	
36	H117	-	<0.2	0.51	<5	320	30	1.04	3	70	24	43	>10	10	1.25	4910	22	0.02	93	1620	14	<5	<20	104	0.09	<10	163	<10	<1	201	
45	H126	-	<0.2	0.83	<5	85	10	0.96	2	41	52	20	8.10	<10	3.17	1221	<1	0.03	120	2210	<2	<5	<20	54	0.26	<10	102	<10	7	50	
54	H135	-	<0.2	0.92	<5	130	10	0.91	2	71	66	40	>10	<10	4.23	2666	8	0.02	167	2440	<2	<5	<20	54	0.27	<10	185	<10	7	84	
63	H201	-	<0.2	1.34	<5	215	<5	1.21	1	43	176	137	7.14	<10	1.40	1103	4	0.01	55	1140	18	<5	<20	58	0.06	<10	163	<10	<1	40	
71	H209	-	9.6	1.05	815	70	<5	1.00	<1	105	14	385	>10	<10	0.52	1085	14	<0.01	17	1920	1520	45	<20	67	0.06	<10	97	<10	<1	251	
Standard:																															
GEO 96		150	1.6	2.04	60	165	<5	2.02	<1	21	70	85	4.18	<10	1.12	760	<1	0.02	24	760	16	<5	<20	55	0.14	<10	91	<10	2	68	
GEO 96		150	1.2	1.90	65	165	<5	1.95	<1	23	76	89	4.10	<10	1.06	720	2	0.02	22	720	16	<5	<20	61	0.14	<10	82	<10	4	71	
GEO 96		150	1.2	1.85	55	150	<5	2.07	<1	21	71	82	4.06	<10	1.10	710	<1	0.03	24	790	18	<5	<20	62	0.15	<10	92	<10	4	65	

df/HM741/HM741A
XLS/96Canamera#2
faz@847-8184/d.bridge

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

6-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 96-743

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: JAN BRUNZ

No. of samples:36
Sample Type:SILT
PROJECT #: 0098
SHIPMENT #:1
P.O. #: 7338
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	S01	<5	<0.2	4.80	<5	315	15	2.03	<1	41	61	42	7.57	20	1.83	1237	<1	0.06	66	2430	10	<5	<20	561	0.53	<10	114	<10	17	76
2	S02	5	<0.2	3.66	<5	240	20	1.74	<1	41	74	38	7.65	20	1.64	1200	<1	0.07	62	2650	10	<5	<20	398	0.60	<10	143	<10	17	83
3	S03	<5	<0.2	2.79	15	190	15	0.94	<1	30	58	29	7.51	80	0.82	819	<1	0.03	41	1670	44	<5	<20	142	0.51	<10	131	<10	15	185
4	S04	<5	<0.2	2.99	5	175	15	1.32	<1	33	60	33	7.38	60	1.03	954	<1	0.04	47	1860	30	<5	<20	230	0.51	<10	131	<10	21	132
5	S05	<5	0.2	1.53	55	125	<5	0.47	2	18	22	23	5.67	310	0.37	1483	<1	0.02	23	960	70	<5	<20	70	0.19	<10	42	<10	28	262
6	S06	<5	0.2	2.71	5	380	<5	1.23	<1	22	36	32	5.25	30	0.45	4172	2	0.03	104	1550	10	<5	<20	287	0.08	<10	74	<10	21	396
7	S07	5	<0.2	0.44	420	120	30	0.03	<1	15	<1	11	>10	<10	<0.01	104	31	0.01	2	30	12	<5	<20	12	0.08	70	27	<10	<1	62
8	S08	55	1.2	1.04	380	125	<5	0.30	<1	10	13	16	4.83	80	0.15	1006	13	0.01	12	1210	44	<5	<20	43	0.06	<10	26	<10	10	84
9	S09	<5	1.0	0.73	155	70	<5	0.26	<1	4	9	8	2.40	40	0.07	164	10	<0.01	6	490	34	<5	<20	26	0.03	<10	22	<10	1	57
10	S10	<5	1.8	3.04	[illegible]	45	<5	4.94	1	5	5	24	0.86	40	0.30	222	<1	<0.01	11	1830	12	5	<20	520	0.01	<10	5	<10	16	49
11	S11	10	0.6	2.00	145	140	<5	3.28	<1	74	10	33	2.30	50	0.24	10000	4	<0.01	36	2590	10	<5	<20	398	0.03	<10	17	<10	17	598
12	S12	<5	<0.2	2.48	35	105	10	0.13	<1	17	22	25	5.46	60	0.29	1303	3	0.01	15	1120	18	<5	<20	54	0.07	<10	45	<10	17	92
13	S13	<5	<0.2	2.00	40	145	<5	0.18	<1	12	23	23	5.81	80	0.29	323	<1	0.01	15	890	16	<5	<20	89	0.17	<10	52	<10	18	92
14	S14	<5	0.4	1.64	10	130	<5	0.19	<1	4	16	12	1.70	40	0.13	83	1	<0.01	14	2670	10	<5	<20	30	0.01	<10	22	<10	12	39
15	S15	5	0.8	5.91	25	140	<5	0.26	1	63	23	28	5.62	150	0.14	10000	3	0.01	21	1030	16	<5	<20	44	0.14	<10	23	<10	57	333
16	S16	<5	0.6	3.26	10	305	10	1.37	1	32	41	27	6.93	30	0.73	10000	<1	0.02	40	1550	12	<5	<20	173	0.33	<10	83	<10	20	260
17	S17	<5	<0.2	1.73	<5	175	<5	1.86	<1	25	35	35	5.23	30	0.61	1168	<1	0.03	31	4500	8	<5	<20	248	0.14	<10	83	<10	21	64
18	S18	<5	<0.2	2.97	<5	200	10	1.54	<1	31	58	43	6.76	20	1.12	839	<1	0.05	48	2190	12	<5	<20	239	0.48	<10	131	<10	22	95
19	S19	5	0.2	1.34	[illegible]	185	<5	0.41	<1	13	22	16	5.20	90	0.24	807	11	0.02	17	930	50	<5	<20	78	0.11	<10	39	<10	6	96
20	S21	[illegible]	1.8	1.39	[illegible]	105	<5	0.18	<1	12	17	21	4.62	110	0.17	840	16	0.01	13	1060	56	<5	<20	39	0.05	<10	29	<10	13	86
21	S101	<5	<0.2	3.33	[illegible]	205	10	1.40	<1	26	53	40	6.34	20	1.05	791	<1	0.03	49	1930	12	<5	<20	196	0.38	<10	104	<10	34	89
22	S102	<5	<0.2	3.66	<5	265	15	1.61	1	38	56	31	7.33	10	1.07	2795	<1	0.03	51	2010	12	<5	<20	288	0.44	<10	112	<10	19	109
23	S103	<5	<0.2	3.09	5	255	15	1.44	<1	33	67	32	6.42	10	0.96	834	<1	0.04	44	2450	14	<5	<20	259	0.60	<10	135	<10	17	91
24	S104	<5	<0.2	1.47	20	[illegible]	<5	0.93	<1	21	31	29	5.37	40	0.43	1995	2	0.02	28	1470	14	<5	<20	171	0.10	<10	55	<10	19	112
25	S105	<5	<0.2	1.65	10	[illegible]	<5	1.09	<1	27	43	35	6.58	50	0.43	2171	5	0.02	38	2390	12	<5	<20	140	0.05	<10	62	<10	22	214

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	S106	<5	<0.2	2.23	<5	515	5	1.98	<1	43	66	64	>10	30	0.68	4113	6	0.02	58	4750	6	<5	<20	148	0.07	<10	84	<10	18	157
27	S107	<5	<0.2	3.16	<5	260	15	1.24	<1	41	69	40	7.43	<10	1.19	1256	<1	0.05	54	2020	12	<5	<20	252	0.58	<10	155	<10	12	78
28	S108	<5	<0.2	0.27	65	<5	<5	2.62	<1	2	2	3	0.81	<10	0.62	212	<1	0.15	6	80	<2	20	<20	103	0.02	<10	26	20	6	14
29	S109	5	0.8	0.21	35	<5	5	4.57	1	6	3	3	0.31	<10	1.49	271	<1	0.41	4	580	<2	40	<20	145	0.02	<10	46	20	16	4
30	S110	<5	1.00	0.20	205	<5	<5	>10	<1	<1	3	4	0.60	<10	1.35	892	<1	0.37	1	60	<2	40	<20	473	0.02	<10	84	40	22	8
31	S111	10	0.6	0.28	260	<5	50	>10	3	12	10	38	0.47	<10	0.82	325	6	0.34	<1	260	48	70	<20	229	0.02	<10	75	40	24	10
32	S112	<5	1.0	0.10	610	290	<5	>10	<1	51	21	94	0.19	<10	8.58	117	<1	1.52	<1	2100	132	780	<20	1523	0.01	<10	210	40	116	24
33	S113	<5	0.8	0.15	910	330	95	>10	<1	16	76	181	0.26	<10	9.19	149	<1	1.83	55	800	216	455	<20	2793	0.02	<10	305	40	256	15
34	S114	<5	2.0	0.09	5	95	<5	>10	<1	<1	3	9	0.23	<10	0.19	51	<1	<0.01	1	150	<2	10	<20	120	<0.01	<10	5	<10	<1	8
35	S115	<5	<0.2	0.07	5	90	<5	>10	<1	<1	2	7	0.16	<10	0.19	43	<1	<0.01	1	150	<2	10	<20	137	<0.01	<10	3	<10	<1	4
36	S116	<5	<0.2	1.24	15	145	<5	3.51	<1	19	75	78	4.34	<10	1.61	544	<1	0.02	42	1210	6	<5	<20	105	0.09	<10	114	<10	2	41

Bimy South

QC DATA:

Repeat:

1	S01	<5	<0.2	4.90	<5	315	20	2.03	<1	42	63	41	7.64	20	1.84	1247	<1	0.06	7	2500	14	<5	<20	556	0.56	<10	115	<10	17	78
10	S10	<5	1.4	3.08	50	50	<5	5.00	1	5	5	25	0.88	40	0.30	223	<1	<0.01	11	1910	10	<5	<20	528	0.01	<10	5	<10	17	51
19	S19	<5	0.4	1.36	230	190	<5	0.36	<1	13	23	16	5.33	90	0.24	818	11	0.02	17	940	52	<5	<20	73	0.12	<10	41	<10	5	99
36	S116	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Standard:

GEO'96		140	1.0	1.99	65	170	<5	1.97	<1	21	70	85	4.40	<10	1.05	750	<1	0.02	22	780	22	<5	<20	60	0.15	<10	89	<10	4	72

dl/743R
XLS/96Canamera

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

2-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS - AK96-772

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: DANE BRIDGE

No. of samples received:8
Sample Type:ROCK
PROJECT #:0050
SHIPMENT #3
Samples submitted by:DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	56708	9.6	0.69	<5	65	<5	1.04	<1	17	187	6013	4.06	<10	0.68	511	58	<0.01	20	1520	20	10	<20	11	0.03	<10	44	<10	<1	53
2	56709	27.2	0.21	95	60	<5	0.02	<1	2	252	30	1.86	<10	<0.01	54	14	<0.01	7	110	4	270	<20	34	<0.01	<10	3	<10	2	9
3	56710	23.6	0.33	210	45	<5	0.05	46	7	155	1070	2.27	<10	<0.01	28	511	<0.01	8	350	2766	670	<20	4	<0.01	<10	5	<10	<1	2004
4	56711	12.4	1.51	295	150	<5	4.78	14	16	84	814	3.03	<10	1.68	727	412	<0.01	24	1080	622	205	<20	54	0.02	<10	27	<10	2	519
5	56712	1.4	0.68	<5	270	15	0.06	<1	6	83	197	>10	<10	<0.01	34	839	<0.01	2	420	22	<5	<20	38	<0.01	<10	13	<10	<1	22
6	56713	2.0	0.14	25	55	65	0.02	<1	9	181	41	>10	<10	<0.01	20	197	<0.01	7	<10	12	<5	<20	13	<0.01	10	4	<10	<1	11
7	56714	1.2	0.19	<5	50	30	0.02	1	18	125	20	>10	<10	<0.01	17	209	<0.01	7	<10	32	<5	<20	6	<0.01	20	2	<10	<1	13
8	56803	<0.2	1.73	10	110	<5	0.72	<1	9	49	66	2.93	<10	1.00	306	5	0.14	2	1670	8	<5	<20	55	0.12	<10	50	<10	<1	27
QC DATA:																													
Resplit:																													
1	56708	9.0	0.66	<5	55	<5	1.02	1	16	192	5867	3.99	<10	0.66	502	60	<0.01	18	1530	22	5	<20	9	0.02	<10	43	20	<1	53
Repeat:																													
1	56708	9.6	0.68	<5	65	<5	1.04	1	17	186	5933	4.08	<10	0.68	506	60	<0.01	20	1550	20	10	<20	10	0.02	<10	44	10	<1	54
Standard:																													
GEO96		1.0	1.85	55	160	<5	1.87	<1	20	65	90	4.30	<10	1.01	741	<1	0.02	27	760	20	<5	<20	61	0.12	<10	81	<10	3	72

df/772R
XLS/96Canamera

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

12-Sep-96

ECO-TECH LABORATORIES LTD.
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ICP CERTIFICATE OF ANALYSIS - AK96-773

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: Dane Bridge

No. of samples: 12
Sample Type: Sand-Heavy Media Sep @ 2.97 S.G.
PROJECT #:0050
SHIPMENT #: 3
P.O. #: 5443
Samples submitted by: Dane Bridge

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn	HM % (Non-Mag)
1	H 20	7	<0.2	0.62	15	30	<5	0.57	<1	15	41	81	2.23	<10	0.71	243	4	0.02	31	690	12	<5	<20	20	0.06	<10	57	<10	<1	20	24.71
2	H 21	109775	2.8	0.73	25	100	<5	0.86	<1	29	39	819	5.50	<10	0.73	410	12	0.03	30	1070	18	<5	<20	20	0.13	<10	127	<10	<1	34	0.42
3	H 22	11	1.2	0.95	25	195	<5	0.89	<1	35	30	1108	6.33	<10	0.69	416	111	0.02	21	860	38	<5	<20	49	0.09	<10	75	<10	<1	68	5.24
4	H 23	<5	0.8	0.90	25	55	<5	0.93	<1	33	32	643	5.86	<10	0.64	427	114	0.02	20	900	30	<5	<20	41	0.09	<10	78	<10	<1	46	4.27
5	H 24	187	0.2	0.96	10	40	<5	0.88	<1	22	34	302	5.18	<10	0.69	335	64	0.02	21	720	30	<5	<20	28	0.10	<10	85	<10	<1	60	8.35
6	H 25	5	1.6	0.66	2490	80	30	0.70	<1	40	49	51	>10	20	0.75	1740	41	0.02	50	2870	124	<5	<20	45	0.40	<10	120	<10	2	448	0.29
7	H 26	5	0.8	0.63	1180	115	30	0.20	<1	36	6	36	>10	<10	0.51	3506	31	0.01	32	3520	20	<5	<20	25	0.04	<10	40	<10	4	367	1.22
8	H 27	801	1.4	0.84	25	100	<5	0.85	<1	24	24	723	8.66	<10	0.53	326	325	0.02	19	1340	150	<5	<20	36	0.07	<10	76	<10	<1	74	3.74
9	H 28	585	0.4	0.87	15	105	<5	0.81	<1	20	33	489	5.54	<10	0.66	332	160	0.02	23	880	18	<5	<20	33	0.07	<10	63	<10	<1	71	7.78
10	H 29	47	<0.2	1.04	10	85	<5	1.03	<1	18	53	100	3.52	<10	0.96	347	15	0.02	23	1230	8	<5	<20	41	0.09	<10	64	<10	<1	32	12.14
11	H 144	5	<0.2	1.15	10	250	<5	1.01	<1	14	65	51	3.24	<10	1.11	466	2	0.02	25	1130	8	<5	<20	87	0.08	<10	77	<10	1	29	6.7
12	H 145	5	0.6	0.78	30	480	<5	2.14	<1	12	19	275	4.62	<10	0.60	655	15	0.01	11	1020	10	<5	<20	75	0.07	<10	52	<10	2	31	7.32
QC DATA:																															
Repeat:																															
1	H 20	-	0.2	0.65	10	30	<5	0.59	<1	14	40	90	2.22	<10	0.74	251	4	0.02	30	710	14	<5	<20	22	0.06	<10	57	<10	<1	25	29.7
Standard:																															
GEO'96		-	1.0	1.86	45	140	<5	1.88	<1	20	64	74	4.27	<10	1.03	736	<1	0.02	23	750	20	<5	<20	52	0.12	<10	81	<10	2	60	-

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/HM773
XLS/96Canamera

12-Aug

Heavy Metals 1200S

ECO-TECH LABORATORIES LTD.
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ICP CERTIFICATE OF ANALYSIS - AK96-784

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: DAVE AWRAM

No. of samples: 81
Sample Type: Soil
PROJECT #: 0046
SHIPMENT #: 5
Samples submitted by: Dane Bridge

Values in ppm unless otherwise reported

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	1200S- 0	E	<5	<0.2	3.37	<5	250	5	1.52	<1	38	53	38	7.36	20	1.44	1226	<1	0.04	56	2080	2	<5	<20	383	0.44	<10	114	<10	17	87
2	1200S- 25	E	<5	<0.2	2.06	<5	185	<5	1.19	<1	22	36	42	6.09	20	0.54	999	<1	0.03	24	2250	2	<5	<20	169	0.20	<10	105	<10	14	66
3	1200S- 50	E	<5	<0.2	1.81	<5	200	<5	1.34	<1	30	35	44	6.36	20	0.49	1459	<1	0.03	29	2380	4	<5	<20	177	0.22	<10	106	<10	21	73
4	1200S- 75	E	<5	<0.2	2.63	5	210	<5	1.37	<1	22	37	47	6.09	20	0.49	911	<1	0.02	27	1780	2	<5	<20	183	0.20	<10	100	<10	17	71
5	1200S- 100	E	<5	<0.2	2.07	<5	210	<5	1.06	<1	25	38	36	5.97	20	0.55	1070	<1	0.03	26	2160	<2	<5	<20	160	0.25	<10	105	<10	16	66
6	1200S- 125	E	5	<0.2	2.25	<5	185	<5	1.44	<1	19	32	36	4.82	20	0.58	1204	<1	0.02	21	1910	<2	<5	<20	149	0.16	<10	88	<10	13	53
7	1200S- 150	E	<5	<0.2	1.80	<5	150	<5	1.95	<1	22	32	36	4.87	20	0.60	1269	<1	0.02	23	1870	<2	<5	<20	159	0.18	<10	86	<10	15	57
8	1200S- 175	E	<5	<0.2	2.34	<5	225	<5	1.26	<1	25	50	51	5.90	10	0.81	615	<1	0.03	34	1920	<2	<5	<20	168	0.27	<10	111	<10	15	68
9	1200S- 200	E	5	<0.2	2.02	<5	195	<5	1.90	<1	27	36	35	5.10	10	0.64	2158	1	0.02	25	1670	<2	<5	<20	164	0.18	<10	94	<10	13	52
10	1200S- 225	E	<5	<0.2	2.25	<5	210	<5	1.52	<1	28	41	56	5.99	20	0.72	856	<1	0.02	31	1990	2	<5	<20	144	0.23	<10	109	<10	20	57
11	1200S- 250	E	<5	<0.2	1.88	<5	195	<5	1.74	<1	20	40	35	5.03	20	0.62	762	<1	0.02	25	1800	4	<5	<20	160	0.20	<10	89	<10	15	48
12	1200S- 275	E	5	<0.2	1.35	<5	175	<5	2.11	<1	17	22	31	4.87	20	0.44	1108	3	0.02	22	1620	4	<5	<20	179	0.10	<10	57	<10	15	41
13	1200S- 300	E	<5	<0.2	1.63	<5	185	<5	1.87	<1	22	31	36	4.92	20	0.49	1379	3	0.02	27	1850	4	<5	<20	171	0.13	<10	68	<10	18	43
14	1200S- 325	E	<5	<0.2	1.92	<5	200	<5	1.85	<1	25	34	44	5.23	20	0.58	941	<1	0.02	35	1910	2	<5	<20	152	0.18	<10	82	<10	20	58
15	1200S- 350	E	<5	<0.2	2.17	<5	260	<5	1.27	<1	27	44	50	5.91	20	0.78	1383	<1	0.03	33	1930	4	<5	<20	178	0.21	<10	100	<10	18	60
16	1200S- 375	E	<5	<0.2	2.28	<5	220	<5	1.50	<1	23	44	62	5.50	20	0.72	686	<1	0.03	37	1780	2	<5	<20	156	0.23	<10	95	<10	23	67
17	1200S- 400	E	5	<0.2	2.58	<5	255	<5	1.06	<1	24	49	48	5.91	20	0.75	803	<1	0.02	33	1750	2	<5	<20	140	0.26	<10	109	<10	16	67
18	1200S- 425	E	<5	<0.2	2.91	<5	275	<5	1.05	<1	26	52	53	5.94	20	0.80	824	<1	0.02	33	1750	<2	<5	<20	142	0.25	<10	109	<10	17	66
19	1200S- 450	E	<5	<0.2	2.43	<5	280	5	1.05	<1	23	46	51	6.60	20	0.75	870	<1	0.03	33	2000	2	<5	<20	192	0.26	<10	107	<10	21	78
20	1200S- 475	E	<5	<0.2	2.32	<5	245	<5	1.05	<1	19	37	42	5.01	20	0.63	699	<1	0.02	25	1680	2	<5	<20	143	0.19	<10	86	<10	18	64
21	1200S- 500	E	<5	<0.2	2.52	<5	270	<5	1.38	<1	28	45	56	5.69	20	0.83	1322	<1	0.03	35	1900	<2	<5	<20	151	0.24	<10	107	<10	18	66
22	1200S- 525	E	5	<0.2	2.29	<5	280	<5	1.23	<1	28	46	49	5.38	10	0.76	1441	<1	0.02	34	1750	2	<5	<20	165	0.23	<10	104	<10	17	66
23	1200S- 550	E	<5	<0.2	2.54	<5	275	<5	1.68	<1	28	47	65	5.50	20	0.82	1457	<1	0.02	38	1740	2	<5	<20	155	0.23	<10	106	<10	20	63
24	1200S- 575	E	<5	<0.2	2.61	<5	255	<5	1.08	<1	23	47	50	5.99	10	0.75	746	<1	0.02	31	1720	2	<5	<20	152	0.29	<10	112	<10	16	65
25	1200S- 600	E	<5	<0.2	2.65	<5	240	<5	1.05	<1	23	40	38	5.72	20	0.62	828	<1	0.02	30	1740	2	<5	<20	126	0.24	<10	99	<10	18	65

CANAMERA GEOLOGICAL LTD. ICP CERTIFICATE OF ANALYSIS - AK96-784 **ECO-TECH LABORATORIES LTD.**

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	1200S- 625	E	<5	<0.2	2.32	<5	260	5	0.93	<1	20	35	30	5.50	20	0.55	665	<1	0.02	24	1650	6	<5	<20	138	0.24	<10	90	<10	21	71
27	1200S- 650	E	<5	<0.2	2.27	<5	230	<5	0.94	<1	21	32	30	5.70	20	0.51	674	<1	0.03	23	1650	4	<5	<20	146	0.24	<10	86	<10	20	63
28	1200S- 675	E	<5	<0.2	2.65	<5	245	5	0.94	<1	23	43	29	5.92	20	0.62	624	<1	0.02	29	2000	4	<5	<20	143	0.37	<10	106	<10	18	61
29	1200S- 700	E	<5	<0.2	2.57	<5	220	5	0.85	<1	22	42	31	5.87	10	0.56	634	<1	0.02	31	1880	4	<5	<20	126	0.32	<10	102	<10	13	61
30	1200S- 725	E	<5	<0.2	2.29	<5	240	<5	0.89	<1	23	46	34	6.18	10	0.65	727	<1	0.02	32	1930	2	<5	<20	150	0.31	<10	113	<10	13	64
31	1200S- 750	E	<5	<0.2	2.77	<5	255	<5	1.08	<1	25	39	33	5.88	20	0.66	2065	<1	0.02	27	1850	<2	<5	<20	194	0.23	<10	100	<10	22	68
32	1200S- 775	E	<5	<0.2	2.95	<5	280	<5	1.01	<1	32	32	34	7.12	20	0.55	2562	3	0.02	26	1700	2	<5	<20	131	0.15	<10	90	<10	24	64
33	1200S- 800	E	<5	<0.2	2.40	<5	250	<5	1.12	<1	24	38	32	5.83	20	0.59	741	<1	0.03	27	2000	4	<5	<20	149	0.26	<10	101	<10	23	67
34	1200S- 825	E	5	<0.2	2.73	<5	315	<5	1.28	<1	24	40	32	5.75	30	0.67	1310	<1	0.02	30	1840	<2	<5	<20	177	0.24	<10	95	<10	27	58
35	1200S- 850	E	<5	<0.2	2.04	<5	215	5	0.99	<1	21	41	30	5.57	20	0.59	663	<1	0.03	28	1890	4	<5	<20	144	0.29	<10	99	<10	18	65
36	1200S- 875	E	<5	<0.2	2.16	<5	190	<5	1.00	<1	18	30	24	4.55	30	0.50	494	<1	0.02	20	1690	6	<5	<20	128	0.25	<10	80	<10	21	61
37	1200S- 900	E	<5	<0.2	2.17	<5	200	<5	0.93	<1	22	34	40	5.61	20	0.55	707	<1	0.02	26	1970	4	<5	<20	119	0.24	<10	97	<10	21	71
38	1200S- 925	E	<5	<0.2	3.50	<5	535	<5	1.21	<1	26	47	34	6.17	30	0.79	1113	<1	0.03	38	1770	<2	<5	<20	186	0.34	<10	105	<10	24	69
39	1200S- 950	E	<5	<0.2	3.00	<5	220	<5	0.83	<1	26	38	26	6.01	20	0.62	706	<1	0.02	27	1720	<2	<5	<20	148	0.29	<10	86	<10	14	76
40	1200S- 975	E	5	<0.2	2.72	<5	210	10	0.91	<1	19	30	26	5.70	20	0.54	709	<1	0.02	23	1500	<2	<5	<20	132	0.21	<10	86	<10	14	79
41	1200S- 1000	E	<5	<0.2	3.10	<5	215	5	0.73	<1	24	38	30	6.21	10	0.59	717	<1	0.02	27	1340	2	<5	<20	119	0.30	<10	109	<10	11	61
42	1200S- 1025	E	<5	<0.2	2.80	<5	180	<5	0.53	<1	21	34	23	5.64	10	0.51	579	<1	0.02	22	1180	4	<5	<20	90	0.26	<10	93	<10	14	67
43	1200S- 1050	E	<5	<0.2	2.45	<5	175	<5	0.52	<1	18	26	20	4.87	20	0.39	418	<1	0.01	18	1080	6	<5	<20	91	0.21	<10	74	<10	17	64
44	1200S- 1075	E	<5	<0.2	2.70	<5	230	<5	0.74	<1	23	39	35	6.13	10	0.56	880	<1	0.02	28	1510	4	<5	<20	103	0.26	<10	103	<10	11	76
45	1200S- 1100	E	<5	<0.2	2.69	<5	220	<5	0.84	<1	22	43	35	6.01	20	0.62	736	<1	0.02	30	1660	4	<5	<20	124	0.29	<10	98	<10	19	73
46	1200S- 1125	E	<5	<0.2	3.16	<5	215	5	0.71	<1	26	47	40	6.61	20	0.67	919	<1	0.02	33	1410	<2	<5	<20	120	0.31	<10	108	<10	19	77
47	1200S- 1150	E	<5	<0.2	1.66	<5	165	<5	0.73	<1	17	18	18	5.13	40	0.31	1299	2	0.02	16	1800	4	<5	<20	104	0.13	<10	48	<10	31	74
48	1200S- 1175	E	5	<0.2	2.36	<5	205	10	0.62	<1	19	31	23	5.38	20	0.49	700	<1	0.02	24	1360	4	<5	<20	99	0.23	<10	77	<10	13	61
49	1200S- 1200	E	<5	<0.2	2.54	<5	215	<5	1.02	<1	21	46	37	5.72	20	0.75	656	<1	0.02	32	1610	4	<5	<20	150	0.29	<10	100	<10	20	63
50	1200S- 1225	E	<5	<0.2	1.93	<5	170	<5	1.01	<1	15	29	22	3.88	30	0.49	1074	<1	0.02	19	1320	4	<5	<20	121	0.18	<10	59	<10	26	59
51	1200S- 1250	E	<5	<0.2	1.79	<5	170	<5	0.89	<1	16	31	21	3.88	30	0.47	1100	<1	0.02	19	1400	6	<5	<20	110	0.16	<10	61	<10	25	62
52	1200S- 1275	E	5	<0.2	2.29	<5	245	<5	1.19	<1	22	40	40	4.72	30	0.73	775	<1	0.02	31	1720	2	<5	<20	148	0.22	<10	87	<10	25	78
53	1200S- 1300	E	<5	<0.2	2.44	<5	255	<5	0.96	<1	26	47	46	6.19	20	0.84	1089	<1	0.03	36	1930	2	<5	<20	173	0.30	<10	104	<10	18	70
54	1200S- 1325	E	<5	<0.2	3.55	<5	315	<5	0.76	<1	27	51	47	6.44	<10	1.03	896	<1	0.02	39	1600	2	<5	<20	117	0.25	<10	115	<10	7	66
55	1200S- 1350	E	<5	<0.2	3.74	<5	240	10	0.52	<1	27	49	32	6.95	<10	0.78	695	<1	0.01	36	1410	2	<5	<20	83	0.34	<10	116	<10	7	79
56	1200S- 1375	E	<5	<0.2	3.73	<5	250	<5	0.48	<1	27	47	32	6.99	<10	0.72	585	<1	0.01	37	1820	6	<5	<20	82	0.32	<10	114	<10	10	91
57	1200S- 1400	E	<5	<0.2	3.30	<5	215	5	0.70	<1	27	48	37	6.58	<10	0.85	684	<1	0.02	35	1460	2	<5	<20	104	0.32	<10	121	<10	9	73
58	1200S- 1425	E	<5	<0.2	3.14	<5	195	5	0.60	<1	26	44	40	6.53	<10	0.74	877	<1	0.01	31	1260	2	<5	<20	93	0.27	<10	122	<10	8	79
59	1200S- 1450	E	<5	<0.2	4.08	<5	225	<5	0.74	<1	28	42	32	6.91	10	0.71	670	<1	0.01	36	1480	2	<5	<20	115	0.30	<10	120	<10	11	74
60	1200S- 1475	E	<5	<0.2	3.12	<5	205	<5	0.57	<1	26	44	34	6.63	<10	0.77	786	<1	0.01	32	1480	4	<5	<20	82	0.29	<10	115	<10	8	75

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	1200S- 625	E	<5	<0.2	2.32	<5	280	5	0.93	<1	20	35	30	5.50	20	0.55	665	<1	0.02	24	1650	6	<5	<20	138	0.24	<10	90	<10	21	71
27	1200S- 650	E	<5	<0.2	2.27	<5	230	<5	0.94	<1	21	32	30	5.70	20	0.61	674	<1	0.03	23	1650	4	<5	<20	146	0.24	<10	88	<10	20	63
28	1200S- 675	E	<5	<0.2	2.65	<5	245	5	0.94	<1	23	43	29	5.92	20	0.62	624	<1	0.02	29	2000	4	<5	<20	143	0.37	<10	106	<10	16	61
29	1200S- 700	E	<5	<0.2	2.57	<5	220	5	0.85	<1	22	42	31	5.87	10	0.56	634	<1	0.02	31	1880	4	<5	<20	126	0.32	<10	102	<10	13	61
30	1200S- 725	E	<5	<0.2	2.29	<5	240	<5	0.89	<1	23	46	34	6.18	10	0.65	727	<1	0.02	32	1930	2	<5	<20	150	0.31	<10	113	<10	13	64
31	1200S- 750	E	<5	<0.2	2.77	<5	255	<5	1.08	<1	25	39	33	5.88	20	0.66	2065	<1	0.02	27	1850	<2	<5	<20	134	0.23	<10	100	<10	22	68
32	1200S- 775	E	<5	<0.2	2.95	<5	280	<5	1.01	<1	32	32	34	7.12	20	0.55	2562	3	0.02	26	1700	2	<5	<20	131	0.15	<10	90	<10	24	64
33	1200S- 800	E	<5	<0.2	2.40	<5	250	<5	1.12	<1	24	38	32	5.83	20	0.59	741	<1	0.03	27	2000	4	<5	<20	149	0.26	<10	101	<10	23	67
34	1200S- 825	E	5	<0.2	2.73	<5	315	<5	1.28	<1	24	40	32	5.75	30	0.67	1310	<1	0.02	30	1640	<2	<5	<20	177	0.24	<10	95	<10	27	58
35	1200S- 850	E	<5	<0.2	2.04	<5	215	5	0.99	<1	21	41	30	5.57	20	0.59	863	<1	0.03	28	1890	4	<5	<20	144	0.29	<10	99	<10	18	55
36	1200S- 875	E	<5	<0.2	2.16	<5	190	<5	1.00	<1	18	30	24	4.55	30	0.50	494	<1	0.02	20	1690	6	<5	<20	128	0.25	<10	80	<10	21	61
37	1200S- 900	E	<5	<0.2	2.17	<5	200	<5	0.93	<1	22	34	40	5.81	20	0.55	707	<1	0.02	26	1970	4	<5	<20	119	0.24	<10	97	<10	21	71
38	1200S- 925	E	<5	<0.2	3.50	<5	535	<5	1.21	<1	76	47	34	6.17	30	0.79	1113	<1	0.03	38	1770	<2	<5	<20	186	0.34	<10	105	<10	24	69
39	1200S- 950	E	<5	<0.2	3.00	<5	220	<5	0.83	<1	28	38	26	6.01	20	0.62	706	<1	0.02	27	1720	<2	<5	<20	148	0.29	<10	96	<10	14	76
40	1200S- 975	E	5	<0.2	2.72	<5	210	10	0.91	<1	19	30	26	5.70	20	0.54	709	<1	0.02	23	1500	<2	<5	<20	132	0.21	<10	86	<10	14	79
41	1200S- 1000	E	<5	<0.2	3.10	<5	215	5	0.73	<1	24	38	30	6.21	10	0.59	717	<1	0.02	27	1340	2	<5	<20	119	0.30	<10	109	<10	11	81
42	1200S- 1025	E	<5	<0.2	2.80	<5	180	<5	0.53	<1	21	34	23	5.84	10	0.51	579	<1	0.02	22	1180	4	<5	<20	90	0.26	<10	93	<10	14	67
43	1200S- 1050	E	<5	<0.2	2.45	<5	175	<5	0.52	<1	18	26	20	4.87	20	0.39	418	<1	0.01	18	1080	6	<5	<20	91	0.21	<10	74	<10	17	64
44	1200S- 1075	E	<5	<0.2	2.70	<5	230	<5	0.74	<1	23	39	35	6.13	10	0.56	880	<1	0.02	28	1510	4	<5	<20	103	0.26	<10	103	<10	11	76
45	1200S- 1100	E	<5	<0.2	2.69	<5	220	<5	0.84	<1	22	43	35	6.01	20	0.62	736	<1	0.02	30	1660	4	<5	<20	124	0.29	<10	98	<10	19	73
46	1200S- 1125	E	<5	<0.2	3.16	<5	215	5	0.71	<1	26	47	40	6.61	20	0.67	919	<1	0.02	33	1410	<2	<5	<20	120	0.31	<10	108	<10	19	77
47	1200S- 1150	E	<5	<0.2	1.66	<5	165	<5	0.73	<1	17	18	18	5.13	40	0.31	1299	2	0.02	16	1800	4	<5	<20	104	0.13	<10	48	<10	31	74
48	1200S- 1175	E	5	<0.2	2.36	<5	205	10	0.62	<1	19	31	23	5.36	20	0.49	700	<1	0.02	24	1360	4	<5	<20	99	0.23	<10	77	<10	13	61
49	1200S- 1200	E	<5	<0.2	2.54	<5	215	<5	1.02	<1	21	46	37	5.72	20	0.75	656	<1	0.02	32	1610	4	<5	<20	150	0.29	<10	100	<10	20	63
50	1200S- 1225	E	<5	<0.2	1.83	<5	170	<5	1.01	<1	15	29	22	3.88	30	0.49	1074	<1	0.02	19	1320	4	<5	<20	121	0.18	<10	59	<10	26	59
51	1200S- 1250	E	<5	<0.2	1.79	<5	170	<5	0.89	<1	16	31	21	3.88	30	0.47	1100	<1	0.02	19	1400	6	<5	<20	110	0.18	<10	61	<10	25	62
52	1200S- 1275	E	5	<0.2	2.29	<5	245	<5	1.19	<1	22	40	40	4.72	30	0.73	775	<1	0.02	31	1720	2	<5	<20	148	0.22	<10	87	<10	25	78
53	1200S- 1300	E	<5	<0.2	2.44	<5	255	<5	0.98	<1	26	47	46	6.19	20	0.84	1069	<1	0.03	36	1930	2	<5	<20	173	0.30	<10	104	<10	18	70
54	1200S- 1325	E	<5	<0.2	3.55	<5	315	<5	0.76	<1	27	51	47	6.44	<10	1.03	898	<1	0.02	39	1600	2	<5	<20	117	0.25	<10	115	<10	7	66
55	1200S- 1350	E	<5	<0.2	3.74	<5	240	10	0.52	<1	27	49	32	6.95	<10	0.78	695	<1	0.01	36	1410	2	<5	<20	83	0.34	<10	116	<10	7	79
56	1200S- 1375	E	<5	<0.2	3.73	<5	250	<5	0.48	<1	27	47	32	6.99	<10	0.72	585	<1	0.01	37	1620	6	<5	<20	82	0.32	<10	114	<10	10	91
57	1200S- 1400	E	<5	<0.2	3.30	<5	215	5	0.70	<1	27	46	37	6.58	<10	0.85	684	<1	0.02	35	1460	2	<5	<20	104	0.32	<10	121	<10	9	73
58	1200S- 1425	E	<5	<0.2	3.14	<5	195	5	0.60	<1	26	44	40	6.53	<10	0.74	877	<1	0.01	31	1280	2	<5	<20	93	0.27	<10	122	<10	6	79
59	1200S- 1450	E	<5	<0.2	4.08	<5	225	<5	0.74	<1	28	42	32	6.91	10	0.71	670	<1	0.01	36	1480	2	<5	<20	115	0.30	<10	120	<10	11	74
60	1200S- 1475	E	<5	<0.2	3.12	<5	205	<5	0.57	<1	26	44	34	6.63	<10	0.77	766	<1	0.01	32	1480	4	<5	<20	82	0.29	<10	115	<10	8	75

CANAMERA GEOLOGICAL LTD. ICP CERTIFICATE OF ANALYSIS - AK96-784 ECO-TECH LABORATORIES LTD.

Et #	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	1200S- 1500	E	<5	<0.2	3.41	<5	230	<5	0.57	<1	26	41	38	6.35	10	0.67	828	<1	0.01	33	1440	4	<5	<20	88	0.25	<10	100	<10	11	65
62	1200S- 1525	E	<5	<0.2	2.76	<5	205	<5	0.62	<1	27	38	33	5.77	30	0.55	980	<1	0.02	30	1470	4	<5	<20	122	0.26	<10	83	<10	19	64
63	1200S- 1550	E	<5	<0.2	2.75	<5	200	5	0.62	<1	27	39	34	6.40	10	0.56	984	<1	0.02	29	1710	2	<5	<20	91	0.28	<10	105	<10	13	79
64	1200S- 1575	E	5	<0.2	3.67	<5	240	5	0.58	<1	26	43	31	6.48	10	0.66	720	<1	0.01	34	1370	4	<5	<20	93	0.31	<10	105	<10	10	68
65	1200S- 1600	E	<5	<0.2	3.70	<5	260	5	0.56	<1	26	43	30	6.53	10	0.64	659	<1	0.01	36	1640	4	<5	<20	91	0.31	<10	101	<10	13	76
66	1200S- 1625	E	<5	<0.2	4.31	<5	240	5	0.56	<1	34	54	42	7.01	<10	1.19	881	<1	0.02	56	1450	<2	<5	<20	123	0.33	<10	111	<10	9	70
67	1200S- 1650	E	<5	<0.2	3.89	<5	260	10	0.49	<1	29	53	34	7.05	<10	0.86	780	<1	0.01	40	1300	2	<5	<20	87	0.38	<10	117	<10	8	74
68	1200S- 1675	E	<5	<0.2	3.89	<5	260	10	0.56	<1	27	46	30	6.67	<10	0.74	781	<1	0.01	37	1490	4	<5	<20	84	0.34	<10	104	<10	11	77
69	1200S- 1700	E	<5	<0.2	3.71	<5	255	10	0.65	<1	28	48	29	6.73	10	0.75	810	<1	0.02	38	1550	4	<5	<20	101	0.40	<10	112	<10	12	76
70	1200S- 1725	E	<5	<0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	1200S- 1750	E	<5	<0.2	3.67	<5	300	<5	1.11	<1	29	57	38	7.22	20	0.98	861	<1	0.02	49	1970	<2	<5	<20	332	0.43	<10	117	<10	20	74
72	1200S- 1775	E	<5	<0.2	4.05	<5	255	10	0.52	<1	32	53	34	7.16	<10	0.89	762	<1	0.01	49	1400	6	<5	<20	73	0.37	<10	111	<10	7	76
73	1200S- 1800	E	<5	<0.2	3.77	<5	230	5	0.70	<1	25	52	35	6.83	20	0.79	867	<1	0.02	41	1320	2	<5	<20	102	0.35	<10	109	<10	18	69
74	1200S- 1825	E	5	<0.2	4.03	<5	265	10	0.71	<1	29	53	35	7.32	<10	0.97	759	<1	0.01	44	1360	2	<5	<20	120	0.41	<10	117	<10	11	75
75	1200S- 1850	E	<5	<0.2	3.02	<5	305	<5	1.08	<1	29	56	36	6.72	20	0.91	984	<1	0.03	43	1870	4	<5	<20	264	0.41	<10	109	<10	21	71
76	1200S- 1875	E	<5	<0.2	3.22	<5	240	10	1.04	<1	29	57	39	6.98	20	0.99	794	<1	0.02	44	1590	4	<5	<20	179	0.46	<10	120	<10	22	80
77	1200S- 1900	E	5	<0.2	2.92	<5	380	5	1.05	<1	25	49	30	6.58	30	0.81	962	<1	0.02	39	2040	4	<5	<20	281	0.37	<10	98	<10	23	77
78	1200S- 1925	E	<5	<0.2	2.96	<5	285	5	0.87	<1	23	39	23	6.32	30	0.70	1462	<1	0.02	34	1640	2	<5	<20	154	0.29	<10	82	<10	33	84
79	1200S- 1950	E	<5	<0.2	3.45	<5	340	5	0.84	<1	24	39	25	6.13	20	0.72	901	<1	0.02	32	1490	2	<5	<20	171	0.24	<10	79	<10	20	90
80	1200S- 1975	E	<5	<0.2	2.53	<5	240	5	0.83	<1	15	30	22	5.62	30	0.57	591	<1	0.02	24	1460	4	<5	<20	123	0.21	<10	61	<10	20	84
81	1200S- 2000	E	<5	<0.2	2.73	<5	220	<5	0.71	<1	16	22	19	5.53	20	0.50	908	3	0.01	22	1360	<2	<5	<20	94	0.13	<10	53	<10	17	73

CANAMERA GEOLOGICAL LTD. ICP CERTIFICATE OF ANALYSIS - AK96-784 ECO-TECH LABORATORIES LTD.

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																															
Repeat:																															
1	1200S- 0	E	<5	<0.2	3.33	<5	250	5	1.53	<1	36	55	38	7.43	20	1.43	1237	<1	0.04	58	2060	4	<5	20	383	0.44	<10	115	<10	16	88
10	1200S- 225	E	<5	<0.2	2.20	<5	210	5	1.50	<1	26	41	51	5.93	20	0.70	836	<1	0.02	32	1970	2	<5	40	140	0.22	<10	108	<10	20	56
19	1200S- 450	E	<5	<0.2	2.33	<5	270	<5	1.03	<1	23	45	50	6.47	20	0.73	860	<1	0.02	32	1960	4	<5	40	187	0.26	<10	104	<10	21	77
28	1200S- 675	E	<5	<0.2	2.54	<5	245	<5	0.93	<1	23	42	28	5.87	20	0.60	622	<1	0.02	30	1970	4	<5	40	138	0.36	<10	104	<10	15	61
16	1200S- 875	E	<5	<0.2	2.10	<5	190	<5	1.00	<1	18	30	24	4.54	30	0.50	495	<1	0.02	19	1730	4	<5	40	126	0.24	<10	80	<10	21	82
45	1200S- 1100	E	<5	<0.2	2.77	<5	225	5	0.72	<1	24	40	30	6.11	<10	0.60	916	<1	0.02	28	1580	6	<5	40	106	0.28	<10	102	<10	9	79
53	1200S- 1300	E	<5	<0.2	2.44	<5	255	<5	0.97	<1	26	48	46	6.23	20	0.85	1064	<1	0.03	36	1920	2	<5	<20	173	0.29	<10	105	<10	18	80
82	1200S- 1525	E	<5	<0.2	2.61	<5	200	5	0.81	<1	26	37	32	5.63	30	0.54	984	<1	0.02	29	1450	6	<5	20	118	0.25	<10	80	<10	19	63
71	1200S- 1750	E	<5	<0.2	3.88	<5	315	10	1.16	<1	30	60	39	7.53	20	1.02	901	<1	0.03	49	2040	<2	<5	<20	345	0.48	<10	121	<10	21	77
Standard:																															
GEO'96			140	1.2	1.88	65	160	<5	1.89	<1	20	66	85	4.39	<10	1.02	752	<1	0.02	22	740	18	<5	<20	64	0.13	<10	85	<10	4	68
GEO'96			150	1.0	1.85	70	160	<5	1.87	<1	19	64	83	4.31	<10	1.01	736	<1	0.02	25	740	20	<5	<20	63	0.13	<10	83	<10	4	67
GEO'96			140	1.0	1.87	70	155	<5	1.88	<1	19	66	84	4.39	<10	1.02	742	<1	0.02	24	750	20	<5	<20	62	0.13	<10	84	<10	4	68

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T
B.C. Certified Assayer

df/784R
XLS/96Canamera

12-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS - AK96-828

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION:DANE BRIDGE

No. of samples:3
Sample Type:ROCK
PROJECT #: 0048
SHIPMENT #:7
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	56901	0.8	0.59	<5	85	<5	0.10	<1	3	45	5	3.14	70	0.02	323	7	0.02	2	360	10	<5	<20	30	0.03	<10	2	<10	21	59
2	56902	1.0	0.25	330	10	<5	<0.01	<1	1	78	17	1.04	100	<0.01	20	7	0.05	2	130	20	35	<20	5	<0.01	<10	<1	<10	6	25
3	56903	1.0	2.87	<5	75	5	6.97	<1	39	30	172	8.88	<10	2.48	1868	5	0.04	8	980	<2	<5	<20	44	0.48	<10	300	<10	11	78
QC DATA:		FREE																											
Resplit:																													
1	56901	0.4	0.56	<5	90	<5	0.10	<1	3	55	3	3.11	70	0.01	317	6	0.02	3	370	12	<5	<20	32	0.02	<10	2	<10	22	58
Repeat:																													
1	56901	0.2	0.61	<5	85	<5	0.10	<1	3	46	5	3.18	70	0.02	327	7	0.02	2	380	12	<5	<20	31	0.03	<10	2	<10	21	60
Standard:																													
GEO'96		1.2	1.99	70	165	<5	2.01	<1	21	71	85	4.01	<10	1.06	763	<1	0.02	22	770	16	<5	<20	60	0.15	<10	90	<10	5	72

dl/5122r
XLS/96Canamera

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

13-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS - AK96-830

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION:DANE BRIDGE

No. of samples:24
Sample Type:SOIL
PROJECT #: 0048
SHIPMENT #:7
P.O. #: 5444
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	4600N 0 E	<5	<0.2	1.74	15	275	<5	0.40	<1	20	29	17	5.98	10	0.38	1977	1	0.02	20	2180	10	<5	20	62	0.20	<10	71	<10	5	131
2	4600N 25 E	<5	<0.2	3.84	<5	290	10	0.82	<1	30	47	24	6.61	20	0.91	969	<1	0.03	41	1560	8	<5	20	183	0.35	<10	97	<10	10	73
3	4600N 50 E	<5	<0.2	2.04	15	250	<5	0.72	<1	25	41	24	6.05	20	0.68	968	<1	0.02	36	1350	10	<5	20	207	0.27	<10	85	<10	10	90
4	4600N 75 E	<5	<0.2	3.33	5	235	5	0.87	<1	22	42	21	6.16	20	0.63	917	<1	0.02	30	1550	12	<5	20	93	0.21	<10	82	<10	6	129
5	4600N 100 E	<5	<0.2	2.65	<5	200	<5	0.35	<1	17	36	21	5.32	30	0.43	858	2	0.02	23	1350	10	<5	20	70	0.12	<10	72	<10	8	109
6	4600N 125 E	5	<0.2	2.44	25	200	5	0.47	<1	18	25	14	5.94	30	0.48	1328	3	0.02	25	800	12	<5	20	95	0.12	<10	58	<10	5	75
7	4600N 150 E	<5	<0.2	2.27	20	220	<5	0.40	<1	11	29	16	4.64	40	0.35	620	2	0.02	18	830	16	<5	20	71	0.11	<10	52	<10	4	75
8	4600N 175 E	<5	<0.2	3.12	15	235	10	0.36	<1	24	44	24	6.61	<10	0.65	1043	<1	0.02	33	930	12	<5	20	67	0.23	<10	93	<10	5	113
9	4600N 200 E	<5	<0.2	1.29	10	145	5	0.70	<1	25	35	23	5.19	20	0.61	1012	<1	0.02	34	1230	10	<5	20	86	0.24	<10	69	<10	14	89
10	4600N 250 E	<5	<0.2	2.70	20	155	5	0.44	<1	15	28	19	5.74	40	0.37	294	<1	0.02	17	1120	12	<5	20	74	0.21	<10	59	<10	14	139
11	4600N 275 E	5	<0.2	2.68	10	255	5	0.74	<1	27	28	19	6.42	30	0.53	1099	<1	0.03	25	1230	12	<5	20	126	0.21	<10	71	<10	15	130
12	4600N 300 E	<5	<0.2	3.10	5	280	10	1.15	<1	27	49	18	5.90	20	0.76	683	<1	0.03	31	1920	8	<5	20	210	0.35	<10	106	<10	20	99
13	4600N 325 E	5	<0.2	4.18	50	305	10	0.82	<1	33	48	25	7.16	<10	0.90	968	<1	0.03	50	1820	10	<5	20	235	0.32	<10	103	<10	8	65
14	4600N 350 E	<5	<0.2	1.67	10	200	<5	0.85	<1	15	25	14	3.93	20	0.41	736	<1	0.03	20	820	12	<5	20	105	0.16	<10	52	<10	17	52
15	4600N 375 E	<5	<0.2	3.95	5	330	10	0.99	<1	38	51	28	7.11	<10	1.15	1144	<1	0.04	51	1530	10	<5	20	370	0.46	<10	103	<10	11	71
16	4600N 400 E	<5	<0.2	3.58	20	280	10	1.30	<1	36	57	34	7.29	20	1.18	1097	<1	0.04	53	1830	8	<5	20	332	0.46	<10	109	<10	20	74
17	4600N 425 E	5	<0.2	2.64	30	165	5	0.49	<1	17	28	18	4.14	10	0.46	375	<1	0.02	24	890	12	<5	20	78	0.18	<10	59	<10	9	49
18	4600N 450 E	<5	<0.2	1.54	25	110	<5	0.38	<1	9	12	8	2.59	10	0.23	146	2	0.02	9	450	10	<5	20	47	0.06	<10	33	<10	6	49
19	4600N 475 E	<5	<0.2	2.62	<5	215	5	1.09	<1	33	41	28	6.06	20	0.75	986	<1	0.03	41	1510	8	<5	20	221	0.25	<10	91	<10	22	77
20	4600N 500 E	<5	<0.2	2.55	<5	195	5	1.03	<1	41	42	26	6.65	20	0.72	1545	<1	0.03	48	1540	8	<5	20	182	0.29	<10	103	<10	26	76

CANAMERA GEOLOGICAL LTD. ICP CERTIFICATE OF ANALYSIS - AK96-830 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	4600N 525 E	<5	<0.2	3.20	<5	410	10	1.17	<1	30	58	27	7.17	<10	0.88	872	<1	0.03	44	1650	8	<5	20	256	0.34	<10	110	<10	14	71
22	4600N 550 E	<5	<0.2	2.28	<5	140	<5	0.66	<1	22	26	22	4.40	<10	0.42	413	<1	0.02	21	810	10	<5	20	81	0.14	<10	68	<10	10	67
23	4600N 575 E	<5	<0.2	1.63	<5	110	<5	0.52	<1	29	9	16	3.57	30	0.16	452	3	0.02	9	700	8	<5	20	60	0.04	<10	42	<10	22	67
24	4600N 600 E	<5	<0.2	1.35	<5	65	<5	0.68	<1	15	7	63	2.36	40	0.25	100	1	0.02	15	450	12	<5	<20	70	0.03	<10	39	<10	28	69
QC DATA:																														
Repeat:																														
1	4600N 0 E	<5	<0.2	1.34	<5	320	<5	1.01	<1	35	46	41	6.14	30	0.19	1720	5	0.03	53	2980	8	<5	60	454	0.05	<10	75	<10	20	63
10	4600N 250 E	<5	<0.2	2.73	20	155	10	0.44	<1	15	29	19	5.75	40	0.37	292	<1	0.02	17	1120	12	<5	60	75	0.21	<10	58	<10	14	139
Standard:																														
GEO'96		-	1.4	1.83	65	160	<5	1.97	<1	21	67	83	4.10	<10	0.99	779	<1	0.01	22	760	18	<5	<20	59	0.13	<10	84	<10	4	74

df/814r
XLS/96Canamera

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

7-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS - AK96-857

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: DANE BRIDGE

No. of samples: 7
Sample Type: Sand - Heavy Media Sep @ 2.97
PROJECT #: 0048
SHIPMENT #: 7
P.O. #: 5444
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	%HM (Non-Mag)
1	H218	<5	0.6	0.36	<5	275	40	1.33	2	68	75	66	>10	<10	0.28	6748	27	0.01	106	4450	<2	<5	<20	122	0.04	<10	209	<10	4	254	3.48
2	H219	<5	0.6	0.33	<5	385	25	0.73	3	55	26	50	>10	<10	0.18	6539	24	<0.01	58	2650	<2	<5	<20	78	0.04	<10	148	<10	12	264	4.95
3	H220	<5	0.8	0.30	<5	315	35	0.73	3	61	35	50	>10	<10	0.24	7083	24	<0.01	65	2230	<2	<5	<20	70	0.05	<10	172	<10	9	243	2.58
4	H221	<5	0.8	0.31	<5	360	25	0.61	3	78	44	125	>10	<10	0.52	6967	24	0.01	93	880	<2	<5	<20	68	0.04	<10	222	<10	<1	252	3.21
5	H222	<5	0.6	0.29	<5	255	20	0.75	3	74	34	95	>10	<10	0.75	6378	21	0.01	88	1270	<2	<5	<20	63	0.05	<10	208	<10	<1	236	4.60
6	H223	<5	0.4	0.59	<5	210	20	0.57	1	58	34	40	>10	<10	2.09	4724	11	0.07	108	1320	4	<5	<20	72	0.14	<10	124	<10	5	168	5.99
7	H224	<5	0.4	0.46	<5	175	15	0.74	2	64	34	119	>10	<10	1.30	4472	19	0.02	96	1560	6	<5	<20	71	0.06	<10	196	<10	6	205	0.96
QC DATA:																															
Repeat:																															
1	H218	-	0.6	0.33	<5	295	35	1.39	3	70	73	68	>10	<10	0.32	6907	27	0.01	109	4740	<2	<5	<20	126	0.04	<10	205	<10	5	258	-
Standard:																															
GEO'96		145	0.8	1.80	60	150	<5	1.81	<1	18	64	76	3.78	<10	0.91	655	<1	0.02	22	700	24	<5	<20	55	0.11	<10	75	10	5	64	-

df/HM869
XLS/96Canamera#5

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

7-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS - AK96-857

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: DANE BRIDGE

No. of samples: 7
Sample Type: Sand - Heavy Media Sep @ 2.97
PROJECT #: 0048
SHIPMENT #: 7
P.O. #: 5444
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	%HM (Non-Mag)
1	H218	<5	0.6	0.36	<5	275	40	1.33	2	68	75	66	>10	<10	0.28	6748	27	0.01	106	4450	<2	<5	<20	122	0.04	<10	209	<10	4	254	3.48
2	H219	<5	0.6	0.33	<5	385	25	0.73	3	55	26	50	>10	<10	0.18	6539	24	<0.01	58	2650	<2	<5	<20	78	0.04	<10	148	<10	12	264	4.95
3	H220	<5	0.8	0.30	<5	315	35	0.73	3	61	35	50	>10	<10	0.24	7083	24	<0.01	65	2230	<2	<5	<20	70	0.05	<10	172	<10	9	243	2.58
4	H221	<5	0.8	0.31	<5	360	25	0.61	3	78	44	125	>10	<10	0.52	6967	24	0.01	93	880	<2	<5	<20	68	0.04	<10	222	<10	<1	252	3.21
5	H222	<5	0.6	0.29	<5	255	20	0.75	3	74	34	95	>10	<10	0.75	6378	21	0.01	88	1270	<2	<5	<20	63	0.05	<10	208	<10	<1	236	4.60
6	H223	<5	0.4	0.59	<5	210	20	0.57	1	58	34	40	>10	<10	2.09	4724	11	0.07	108	1320	4	<5	<20	72	0.14	<10	124	<10	5	168	5.99
7	H224	<5	0.4	0.46	<5	175	15	0.74	2	64	34	119	>10	<10	1.30	4472	19	0.02	96	1560	6	<5	<20	71	0.06	<10	196	<10	6	205	0.96
QC DATA:																															
Repeat:																															
1	H218	-	0.6	0.33	<5	295	35	1.39	3	70	73	68	>10	<10	0.32	6907	27	0.01	109	4740	<2	<5	<20	126	0.04	<10	205	<10	5	258	-
Standard:																															
GEO'96		145	0.8	1.80	60	150	<5	1.81	<1	18	64	76	3.78	<10	0.91	655	<1	0.02	22	700	24	<5	<20	55	0.11	<10	75	10	5	64	-

df/HM869
XLS/96Canamera#5

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

6-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS - AK96-859

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: Dane Bridge

No. of samples: 15
Sample Type: Sand - Heavy Media Sep @ 2.97 S.G.
PROJECT #:0049
SHIPMENT #: 8
P.O. #: 5444
Samples submitted by: Dane Bridge

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	% H.M (Non-Mag)
1	H 210	348	2.8	1.32	150	105	<5	0.46	<1	34	16	1356	>10	10	0.49	456	212	0.05	11	3080	384	195	<20	61	0.08	<10	105	<10	<1	101	2.94
2	H 211	5	2.4	1.10	110	60	<5	0.79	3	30	22	2935	>10	30	0.58	502	197	0.03	14	2400	472	240	<20	83	0.13	<10	111	<10	6	176	1.47
3	H 212	5	0.4	1.21	90	165	<5	1.34	<1	25	14	142	5.88	<10	0.89	609	4	0.01	7	2170	24	<5	<20	60	0.08	<10	91	<10	<1	52	3.72
4	H 213	5	2.8	1.25	155	105	<5	0.60	3	44	20	3384	>10	20	0.51	671	229	0.04	14	2460	324	360	<20	69	0.08	<10	102	<10	14	175	3.30
5	H 214	5	1.0	0.90	70	180	<5	1.39	<1	24	15	216	7.13	<10	0.61	979	9	0.01	6	3490	832	<5	<20	48	0.07	<10	102	<10	2	63	2.50
6	H 215	5	0.6	1.05	35	85	10	1.33	<1	45	14	41	7.37	<10	0.65	629	5	<0.01	6	2200	44	<5	<20	44	0.07	<10	77	<10	<1	53	2.45
7	H 216	39	0.8	1.48	280	105	<5	0.95	<1	51	6	391	9.12	<10	0.97	732	15	0.02	7	2120	48	<5	<20	61	0.11	<10	116	<10	<1	74	3.29
8	H 217	5	2.4	1.03	30	305	<5	1.25	<1	19	18	42	5.90	<10	0.73	580	4	<0.01	7	2770	20	<5	<20	45	0.07	<10	96	<10	1	53	2.71
9	H 146	47	0.4	1.10	15	215	<5	1.54	<1	19	54	184	5.48	<10	1.13	458	25	0.02	25	1240	12	<5	<20	86	0.08	<10	102	<10	<1	38	6.36
10	H 147	5	<0.2	1.15	<5	145	<5	1.10	<1	15	54	53	3.28	<10	1.09	399	6	0.02	23	1140	10	<5	<20	63	0.08	<10	73	<10	<1	28	13.96
11	H 148	10	0.2	1.14	15	3550	5	5.27	<1	13	127	194	>10	<10	1.59	832	7	0.02	18	770	12	<5	<20	618	0.28	<10	404	<10	<1	47	0.713
12	H 149	5	<0.2	1.15	<5	425	<5	1.35	<1	15	95	67	3.98	<10	1.31	474	16	0.02	34	1140	8	<5	<20	69	0.07	<10	84	<10	<1	33	12.29
13	H 150	47	1.6	0.93	80	200	<5	1.29	<1	30	55	556	9.56	<10	0.94	521	122	0.02	34	1020	46	<5	<20	56	0.06	<10	98	<10	<1	62	6.25
14	H 151	1776	1.6	1.08	135	60	75	1.00	<1	39	71	252	>10	<10	1.01	447	38	0.05	37	1200	28	<5	<20	112	0.06	<10	76	<10	<1	46	6.62
15	H 152	1038	0.2	1.09	10	85	<5	0.94	<1	19	74	254	4.48	<10	1.06	367	48	0.02	35	1060	12	<5	<20	44	0.09	<10	68	<10	<1	45	12.03
QC DATA:																															
Repeat:																															
1		-	2.6	1.32	145	105	<5	0.46	<1	36	17	1349	>10	<10	0.46	433	216	0.05	11	3120	410	220	<20	64	0.07	<10	105	<10	<1	105	-
Standard:																															
GEO'96		-	1.0	1.86	45	140	<5	1.88	<1	20	64	74	4.27	<10	1.03	736	<1	0.02	23	750	20	<5	<20	52	0.12	<10	81	<10	2	60	-

dt/HM773
XLS/96Canamera

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

21-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS - AK96-860

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION:DANE BRIDGE

No. of samples:4
Sample Type:SILT
PROJECT #: 0049
SHIPMENT #:8
P.O. # 5444
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	S201	10	2.0	2.71	120	300	<5	0.28	<1	35	18	1143	>10	<10	0.66	981	86	0.04	12	2660	60	20	<20	73	0.04	<10	104	<10	3	82
2	S202	5	0.4	0.97	105	540	<5	0.73	<1	21	17	140	4.62	<10	0.23	2007	8	<0.01	8	2070	68	<5	<20	30	0.01	<10	50	<10	6	87
3	S203	5	0.4	1.50	375	385	<5	0.53	<1	24	15	287	6.13	<10	0.51	1445	11	0.01	8	1870	40	<5	<20	39	0.02	<10	78	<10	4	88
4	S204	5	0.6	1.38	260	330	<5	0.64	<1	26	17	207	5.71	<10	0.51	1789	8	0.01	10	1970	30	<5	<20	32	0.03	<10	70	<10	11	74
QC DATA:																														
Repeat:																														
1	S201	10	2.0	2.70	135	305	<5	0.28	<1	35	18	1132	>10	<10	0.66	994	86	0.04	13	2640	62	20	<20	72	0.05	<10	104	<10	3	83
Standard:																														
GEO'96		150	1.0	1.94	65	160	<5	1.86	<1	19	67	83	4.26	<10	1.02	734	<1	0.02	25	740	18	<5	<20	67	0.14	<10	85	<10	4	86

dl/5169R
XLS/96Canamera

per **ECO-TECH LABORATORIES LTD.**
Frank J. Pezzotti, A.Sc.T
B.C. Certified Assayer

19-Aug-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS - AK96-870

diorite samples from Mt qz-py-cp vein show.

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION:DANE BRIDGE

No. of samples:3
Sample Type:ROCK
PROJECT #: 0049
SHIPMENT #:10
P.O. #: 5445
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	56807	2.0	0.19	225	735	<5	>10	<1	137	21	1672	7.79	<10	6.02	1494	7	0.02	146	<10	20	375	<20	228	<0.01	<10	131	<10	<1	208
2	56808	1.8	0.18	225	700	<5	>10	<1	139	16	1653	7.84	<10	6.09	1493	8	0.02	145	<10	18	390	<20	226	<0.01	<10	130	<10	1	212
3	56809	<0.2	0.57	<5	155	<5	5.48	<1	62	14	360	7.42	<10	1.44	453	7	0.02	10	1220	<2	<5	<20	72	<0.01	<10	145	<10	6	29
QC DATA:																													
Resplit:																													
1	56807	2.0	0.19	255	715	<5	>10	<1	138	25	1760	7.71	<10	5.86	1453	6	0.02	139	<10	16	410	<20	219	<0.01	<10	128	<10	<1	212
Repeat:																													
1	56807	1.6	0.19	225	750	<5	>10	<1	136	21	1669	7.78	<10	6.02	1491	7	0.02	145	<10	20	385	<20	226	<0.01	<10	130	<10	<1	208
Standard:																													
GEO 96		1.0	1.92	65	165	<5	1.86	<1	19	67	83	4.18	<10	1.02	715	<1	0.02	25	710	20	<5	<20	62	0.14	<10	85	<10	4	67

tf/865aR
/XLS/96Canamera

per
ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

7-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

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ICP CERTIFICATE OF ANALYSIS - AK96-869

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: DANE BRIDGE

No. of samples: 17
Sample Type: Sand - Heavy Media Sep @ 2.97
PROJECT #: 0048
SHIPMENT #: 10
P.O. #: 5445
Samples submitted by: Dane Bridge

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	%HM (Non-Mag)
1	H225	<5	1.2	1.10	<5	195	15	1.31	2	59	18	92	>10	<10	1.09	4939	16	0.02	52	1240	12	<5	<20	71	0.05	<10	194	<10	6	152	2.21
2	H226	<5	1.2	0.90	15	235	<5	1.12	1	72	17	601	>10	<10	1.04	5876	18	0.01	60	950	6	<5	<20	52	0.05	<10	235	<10	6	168	2.6
3	H227	<5	0.4	0.65	<5	240	20	0.84	2	64	30	75	>10	<10	0.97	4809	17	0.01	62	1040	4	<5	<20	55	0.06	<10	170	<10	4	164	3.08
4	H228	<5	0.4	0.67	<5	205	15	1.02	2	63	36	97	>10	<10	1.41	4349	15	0.01	68	1160	4	<5	<20	69	0.09	<10	178	<10	5	159	2.88
5	H229	<5	0.6	0.60	<5	155	25	0.60	1	52	33	35	>10	<10	2.41	4236	8	0.07	114	1490	4	<5	<20	55	0.15	<10	108	<10	5	140	4.84
6	H230	<5	0.4	0.58	<5	290	15	0.48	1	56	37	33	>10	<10	2.52	5454	11	0.07	132	1020	2	<5	<20	65	0.13	<10	112	<10	3	147	5.62
7	H231	<5	0.4	0.52	<5	150	25	0.52	2	55	34	42	>10	<10	2.08	4299	13	0.06	102	1280	4	<5	<20	60	0.13	<10	122	<10	10	160	6.84
8	H232	<5	1.4	0.36	<5	350	30	0.62	3	76	26	54	>10	<10	0.84	>10000	24	0.01	61	920	8	<5	<20	51	0.04	<10	170	<10	<1	162	5.66
9	H233	<5	1.0	0.40	<5	220	30	0.58	2	74	18	47	>10	<10	0.68	8949	23	0.01	61	820	<2	<5	<20	49	0.06	<10	176	<10	<1	254	3.71
10	H234	<5	1.0	0.40	<5	215	30	0.72	3	90	8	201	>10	<10	0.45	>10000	26	0.01	51	900	<2	<5	<20	50	0.04	<10	236	<10	6	254	6.43
11	H235	<5	0.4	0.43	<5	215	25	0.48	2	68	25	74	>10	<10	1.70	5936	18	0.02	96	1120	2	<5	<20	54	0.07	<10	154	<10	70	200	5.24
12	H236	<5	0.8	0.41	<5	195	25	0.62	3	85	16	136	>10	<10	0.60	9573	24	0.01	64	860	<2	<5	<20	50	0.05	<10	221	<10	7	244	4.09
13	H237	<5	0.8	0.39	<5	225	30	0.60	3	93	19	140	>10	<10	0.79	>10000	26	0.01	72	810	<2	<5	<20	47	0.05	<10	217	<10	4	258	3.08
14	H238	<5	0.8	0.40	<5	235	35	0.63	2	91	22	111	>10	<10	0.76	>10000	23	0.01	68	850	<2	<5	<20	56	0.08	<10	213	<10	5	253	4.47
15	H239	<5	0.8	0.41	<5	235	30	0.59	3	85	20	115	>10	<10	0.85	9343	24	0.02	70	820	<2	<5	<20	51	0.06	<10	210	<10	6	247	4.32
16	H240	<5	<0.2	1.16	20	135	<5	1.09	<1	26	152	113	3.01	<10	1.37	596	<1	0.01	66	1510	12	<5	<20	37	0.08	<10	60	<10	<1	30	14.06
17	H241	<5	<0.2	0.68	<5	90	10	0.75	<1	39	42	24	9.24	<10	2.67	1904	2	0.08	136	1940	6	<5	<20	58	0.16	<10	95	<10	4	86	5.45

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
1	H225	-	1.0	1.00	5	185	15	1.22	<1	58	20	109	>10	<10	1.12	4430	14	0.01	60	1280	6	<5	<20	65	0.07	<10	204	<10	4	143
Standard:																														
GEO'96		145	0.8	1.80	60	150	<5	1.81	<1	18	64	76	3.78	<10	0.91	655	<1	0.02	22	700	24	<5	<20	55	0.11	<10	75	10	5	64

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/HM869
XLS/96Canamera#5

7-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS - AK96-871

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: DANE BRIDGE

No. of samples: 7
Sample Type: Sand - Heavy Media Sep @ SG 2.97
PROJECT #: 0049
SHIPMENT #: 10
P.O. #: 5445
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn %	(Non-Mag)
1	H242	<5	<0.2	0.81	<5	75	10	0.80	<1	39	49	24	9.14	30	2.58	1648	<1	0.11	126	1970	6	<5	<20	69	0.22	<10	100	<10	18	77	6.83
2	H243	<5	<0.2	0.71	<5	825	<5	3.54	<1	18	85	94	7.46	<10	1.64	1051	5	0.01	32	1390	10	<5	<20	116	0.04	<10	182	<10	1	54	3.21
3	H244	<5	1.6	2.07	35	125	<5	2.40	<1	68	106	257	7.89	<10	2.19	1621	5	0.02	69	610	118	<5	<20	68	0.06	<10	149	<10	<1	78	2.21
4	H245	<5	<0.2	0.48	<5	210	<5	0.48	<1	15	53	53	7.60	<10	0.24	762	4	<0.01	10	1170	12	<5	<20	51	0.07	<10	226	<10	<1	47	5.00
5	H246	<5	<0.2	0.47	<5	430	10	0.46	<1	12	57	36	7.21	<10	0.27	556	5	<0.01	10	1050	10	<5	<20	48	0.07	<10	215	<10	1	35	8.28
6	H247	<5	<0.2	0.69	<5	310	<5	0.55	<1	52	30	151	6.87	<10	0.43	480	4	<0.01	9	920	10	<5	<20	66	0.07	<10	211	20	<1	34	8.91
7	H248	101,617	<0.2	0.88	5	645	<5	0.73	<1	11	27	30	5.33	<10	0.59	421	2	0.01	9	920	12	<5	<20	97	0.08	<10	152	<10	<1	40	7.22
QC DATA:		H298 Au only																													
Repeat:																															
1	H242	-	<0.2	0.80	<5	70	10	0.80	<1	38	45	23	8.79	20	2.47	1607	2	0.11	121	1920	6	<5	<20	68	0.19	<10	96	<10	14	77	-
Standard:																															
GEO'96		140	0.8	1.80	60	150	<5	1.81	<1	18	64	76	3.78	<10	0.91	655	<1	0.02	22	700	24	<5	<20	55	0.11	<10	75	10	5	64	-

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

dt/HM869
XLS/96Canamera#2

7-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
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ICP CERTIFICATE OF ANALYSIS - AK96-871

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: DANE BRIDGE

No. of samples: 7
Sample Type: Sand - Heavy Media Sep @ SG 2.97
PROJECT #: 0049
SHIPMENT #: 10
P.O. #: 5445
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	% (Non-Mag)
1	H242	<5	<0.2	0.81	<5	75	10	0.80	<1	39	49	24	9.14	30	2.58	1648	<1	0.11	126	1970	8	<5	<20	69	0.22	<10	100	<10	18	77	6.83
2	H243	<5	<0.2	0.71	<5	825	<5	3.54	<1	18	85	94	7.46	<10	1.64	1051	5	0.01	32	1390	10	<5	<20	116	0.04	<10	182	<10	1	54	3.21
3	H244	<5	1.6	2.07	35	125	<5	2.40	<1	68	106	257	7.89	<10	2.19	1621	5	0.02	69	610	118	<5	<20	68	0.06	<10	149	<10	<1	78	2.21
4	H245	<5	<0.2	0.48	<5	210	<5	0.48	<1	15	53	53	7.60	<10	0.24	762	4	<0.01	10	1170	12	<5	<20	51	0.07	<10	226	<10	<1	47	5.00
5	H246	<5	<0.2	0.47	<5	430	10	0.46	<1	12	57	36	7.21	<10	0.27	556	5	<0.01	10	1050	10	<5	<20	48	0.07	<10	215	<10	1	35	8.28
6	H247	<5	<0.2	0.69	<5	310	<5	0.55	<1	52	30	151	6.87	<10	0.43	480	4	<0.01	9	920	10	<5	<20	66	0.07	<10	211	20	<1	34	8.91
7	H248	101,617	<0.2	0.88	5	645	<5	0.73	<1	11	27	30	5.33	<10	0.59	421	2	0.01	9	920	12	<5	<20	97	0.08	<10	152	<10	<1	40	7.22
QC DATA:																															
Repeat:																															
1	H242	-	<0.2	0.80	<5	70	10	0.80	<1	38	45	23	8.79	20	2.47	1607	2	0.11	121	1920	6	<5	<20	68	0.19	<10	96	<10	14	77	-
Standard:																															
GEO'96		140	0.8	1.80	60	150	<5	1.81	<1	18	64	76	3.78	<10	0.91	655	<1	0.02	22	700	24	<5	<20	55	0.11	<10	75	10	5	64	-

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23-Aug-96

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ICP CERTIFICATE OF ANALYSIS - AK96-874

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION:DANE BRIDGE

No. of samples:2
Sample Type:SILT
PROJECT #: 0048
SHIPMENT #:10
P.O. #: 5445
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	S207	5	<0.2	1.37	<5	180	<5	1.45	1	23	20	68	5.27	10	0.58	1348	2	0.01	22	1790	10	<5	<20	118	0.09	<10	100	<10	12	74
2	S208	5	<0.2	1.04	<5	180	5	0.94	2	41	19	59	>10	10	0.25	1735	9	<0.01	48	2470	<2	<5	<20	101	0.05	<10	79	<10	11	42
QC DATA:																														
Repeat:																														
1	S207	5	<0.2	1.39	<5	175	<5	1.42	1	24	19	68	5.34	10	0.57	1327	3	0.02	24	1820	2	<5	<20	119	0.09	<10	101	<10	12	63
Standard:																														
GEO 96		150	1.2	1.75	50	150	<5	1.77	<1	18	81	79	4.08	<10	0.97	706	<1	0.02	23	720	12	<5	<20	54	0.12	<10	78	<10	3	64

df/889
XLS/96Canamera

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

23-Aug-96

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ICP CERTIFICATE OF ANALYSIS - AK96-898

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: DANE BRIDGE

No. of samples: 9
Sample Type: SILT
PROJECT #: 0048
SHIPMENT #: 12
Samples submitted by: Dane Bridge

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	S209	5	<0.2	1.63	10	55	<5	1.08	<1	32	252	208	2.95	<10	2.00	374	<1	<0.01	90	1270	20	<5	<20	38	0.14	<10	66	<10	<1	33
2	S210	5	0.2	1.16	<5	650	<5	1.58	<1	26	94	132	4.68	<10	1.10	1734	3	<0.01	41	1580	14	<5	<20	91	0.03	<10	74	<10	9	72
3	S211	5	<0.2	2.84	<5	240	<5	4.76	1	53	131	402	7.50	<10	2.82	1827	7	<0.01	97	1030	22	<5	<20	124	0.05	<10	136	<10	7	60
4	S212	5	<0.2	3.35	<5	255	<5	1.35	<1	44	237	156	7.02	<10	2.91	1431	3	0.02	118	2030	10	<5	<20	63	0.04	<10	176	<10	5	66
5	S213	5	<0.2	1.49	5	235	<5	0.53	<1	21	40	81	4.94	<10	0.93	1407	3	<0.01	18	1900	12	<5	<20	51	0.05	<10	115	<10	11	65
6	S214	5	0.4	1.19	<5	315	<5	5.70	1	17	25	32	5.09	<10	0.57	5728	2	0.02	20	1400	6	<5	<20	306	0.10	<10	70	<10	8	69
7	S215	5	<0.2	0.88	<5	150	<5	>10	<1	7	14	12	1.75	<10	0.59	364	<1	0.02	13	450	6	<5	<20	329	0.06	<10	30	<10	8	32
8	S216	5	<0.2	1.49	5	195	5	7.13	<1	17	28	30	3.83	10	0.75	775	<1	0.04	24	1320	6	<5	<20	549	0.18	<10	62	<10	15	50
9	S217	5	<0.2	2.16	5	265	10	2.48	<1	21	36	27	4.90	10	0.82	1156	<1	0.03	27	1400	10	<5	<20	324	0.23	<10	78	<10	13	79
QC DATA:																														
Repeat:																														
1	S209	5	<0.2	1.56	5	55	<5	1.08	<1	33	240	197	2.86	<10	1.91	368	<1	<0.01	86	1260	20	<5	<20	37	0.14	<10	64	<10	<1	33
Standard:																														
GEO'96		140	1.2	1.93	60	165	<5	1.87	<1	19	68	81	4.20	<10	1.02	719	<1	0.02	22	740	20	<5	<20	65	0.14	<10	85	<10	4	67

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/898
XLS/96Canamera#2

2-Oct-96

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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS - AK96-897

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: DAVE AWRAM

No. of samples: 16
Sample Type: Sand - Heavy Media Sep @ 2.97
PROJECT #: 0048
SHIPMENT #: 12
P.O. #: 5446
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	% HM (Non-Mag)
1	H249	<5	5.0	0.45	1295	100	25	0.48	<1	32	9	36	>10	<10	1.17	2532	42	0.03	54	1590	98	<5	<20	28	0.13	<10	62	<10	<1	213	1.74
2	H250	<5	5.4	0.51	1935	95	15	0.52	<1	34	12	32	>10	<10	1.43	2862	42	0.04	65	1140	102	<5	<20	44	0.10	<10	60	<10	<1	165	3.05
3	H251	1035	4.8	0.55	1275	100	20	0.48	<1	38	12	41	>10	<10	1.18	3177	40	0.03	59	1390	82	<5	<20	30	0.10	<10	77	<10	<1	577	1.91
4	H252	<5	4.0	0.57	615	100	20	0.72	<1	50	16	47	>10	<10	1.30	4778	28	0.02	62	1220	44	<5	<20	44	0.12	<10	111	<10	<1	245	2.73
5	H253	<5	3.2	0.55	<5	235	20	0.95	3	69	18	45	>10	<10	1.43	5692	20	0.02	73	870	6	<5	<20	62	0.09	<10	163	<10	<1	188	5.41
6	H254	<5	3.0	0.66	<5	415	15	0.93	2	59	21	63	>10	<10	1.31	4122	14	0.02	66	790	8	<5	<20	66	0.10	<10	149	<10	<1	158	5.70
7	H255	<5	0.6	0.95	<5	1050	15	1.18	6	78	45	129	>10	<10	0.88	3845	34	0.03	107	810	28	<5	<20	113	0.20	<10	220	<10	3	392	0.53
8	H256	<5	2.0	0.64	<5	290	10	0.95	3	46	31	65	>10	<10	0.96	2937	17	0.02	58	860	14	<5	<20	61	0.11	<10	126	<10	<1	196	1.12
9	H257	<5	0.4	0.93	<5	1090	20	1.35	1	61	45	81	>10	<10	1.08	4309	20	0.03	82	1180	16	<5	<20	94	0.23	<10	190	<10	3	284	0.81
10	H258	<5	2.0	0.60	<5	250	<5	2.10	1	39	39	94	>10	<10	1.99	2824	8	0.02	87	1410	8	<5	<20	95	0.17	<10	114	<10	<1	119	2.24
11	H259	<5	2.6	0.70	<5	210	5	1.67	1	47	36	46	>10	<10	2.13	3288	11	0.02	96	1730	8	<5	<20	85	0.14	<10	126	<10	<1	144	1.60
12	H260	<5	2.4	0.71	<5	235	15	1.54	<1	46	33	43	>10	<10	1.81	3243	12	0.03	75	1930	4	<5	<20	84	0.12	<10	126	<10	<1	146	3.31
13	H261	<5	3.4	0.38	<5	190	25	1.22	3	68	39	31	>10	<10	2.39	8294	16	0.02	94	560	2	<5	<20	31	0.12	<10	99	<10	<1	198	7.56
14	H262	<5	3.6	0.40	<5	155	15	1.02	3	63	27	37	>10	<10	2.56	6057	15	0.02	99	930	6	<5	<20	49	0.10	<10	116	<10	<1	195	6.01
15	H263	<5	2.8	0.40	<5	165	15	1.18	4	62	34	44	>10	<10	2.22	6627	17	0.01	81	830	4	<5	<20	44	0.11	<10	122	<10	<1	209	1.50
16	H264	<5	3.0	0.41	<5	235	15	0.92	2	62	30	36	>10	<10	2.52	4914	15	0.02	100	660	4	<5	<20	52	0.09	<10	119	<10	<1	172	4.82
QC DATA:																															
Repeat:																															
1	H249	-	1.2	0.46	1380	105	20	0.52	<1	32	7	37	>10	<10	1.19	2615	43	0.03	56	1700	94	<5	<20	29	0.12	<10	64	<10	<1	201	-
10	H258	-	2.2	0.55	<5	250	5	2.13	1	39	37	87	>10	<10	1.90	2928	8	0.01	86	1470	6	<5	<20	90	0.16	<10	110	<10	<1	122	-

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
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df/HM897
XLS/96Canamera#2
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23-Aug-96

ECO-TECH LABORATORIES LTD.
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ICP CERTIFICATE OF ANALYSIS - AK96-906

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: DAVE AWRAM

No. of samples: 7
Sample Type: ROCK
PROJECT #: 0048,0049,0050
SHIPMENT #: 13
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	56725	2.2	0.73	5	75	<5	1.28	<1	16	61	3730	0.64	<10	0.28	154	4	0.06	19	2240	6	5	<20	31	0.17	<10	33	<10	8	66
2	56726	<0.2	0.62	<5	35	<5	9.78	<1	20	50	62	4.74	<10	3.25	1115	12	0.01	12	640	2	15	<20	113	<0.01	<10	59	<10	5	43
3	56727	1.4	0.20	1565	<5	<5	0.03	<1	1	116	20	1.34	30	<0.01	37	16	<0.01	2	20	22	5	<20	<1	<0.01	<10	<1	<10	4	27
4	56728	1.0	0.21	445	<5	<5	<0.01	<1	<1	104	4	1.43	80	<0.01	33	10	0.02	2	90	28	<5	<20	<1	<0.01	<10	<1	<10	9	51
5	56729	1.4	0.17	125	<5	<5	<0.01	<1	<1	124	2	1.13	50	<0.01	27	10	<0.01	2	40	10	<5	<20	<1	<0.01	<10	<1	<10	2	7
6	56904	0.2	0.29	<5	75	<5	0.61	<1	5	76	3	2.63	30	0.14	297	8	0.04	10	690	12	<5	<20	21	<0.01	<10	33	<10	3	33
7	56905	<0.2	1.23	5	280	<5	0.46	<1	6	46	6	1.05	<10	0.27	188	<1	0.04	5	350	4	<5	<20	49	0.12	<10	33	<10	6	32
QC DATA:																													
Resplit:																													
R/S 3	56727	1.2	0.20	1495	<5	<5	0.05	<1	1	130	10	1.34	30	<0.01	33	18	<0.01	4	30	20	5	<20	<1	<0.01	<10	1	<10	4	29
Repeat:																													
1	56725	2.2	0.75	10	80	<5	1.33	<1	17	63	3689	0.65	<10	0.28	153	4	0.06	18	2320	8	<5	<20	32	0.19	<10	36	<10	9	69
Standard:																													
GEO96		1.0	1.86	65	155	<5	1.86	<1	20	69	79	4.33	<10	0.97	743	<1	0.02	22	750	18	<5	<20	65	0.14	<10	85	<10	4	69

df/913
XLS/96Canamera

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

4-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS - AK96-955

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION:DANE BRIDGE

No. of samples:6
Sample Type:ROCK
PROJECT #: 0050
SHIPMENT #:14
P.O. #: 5447
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	56730	>30	0.02	250	25	130	0.02	62	3	254	2488	3.48	<10	<0.01	157	70	<0.01	6	20	10000	1910	<20	3	<0.01	<10	2	<10	<1	2855
2	56731	7.4	2.34	25	45	<5	2.57	1	26	66	3019	2.65	<10	1.31	261	<1	0.08	30	1110	122	15	<20	58	0.16	<10	37	<10	<1	92
3	56732	0.8	0.32	10	65	<5	>10	<1	4	5	251	1.50	<10	8.50	2300	<1	<0.01	1	480	2	15	<20	117	0.01	<10	12	<10	<1	18
4	56733	<0.2	1.76	20	35	<5	1.36	<1	15	77	45	2.93	<10	0.62	178	<1	0.20	4	980	20	<5	<20	51	0.17	<10	51	20	6	12
5	56734	0.4	1.07	190	25	<5	4.37	<1	17	58	24	5.12	<10	1.36	786	10	0.10	16	690	12	<5	<20	109	0.02	<10	46	<10	4	26
6	56915	0.6	0.67	<5	35	<5	0.91	<1	6	97	43	2.00	<10	0.53	695	4	0.06	5	730	8	<5	<20	37	0.07	<10	32	<10	1	18
QC DATA:																													
Resplit:																													
6	56915	0.6	0.62	<5	30	<5	0.91	<1	6	88	46	1.98	<10	0.52	720	3	0.05	7	730	10	<5	<20	32	0.06	<10	31	<10	1	18
Repeat:																													
1	56730	>30	0.02	245	25	130	0.02	62	3	257	2443	3.43	<10	<0.01	131	68	<0.01	6	30	10000	1895	<20	<1	<0.01	<10	2	<10	<1	2874
Standard:																													
GEO96		1.2	1.79	65	140	<5	1.78	<1	19	62	73	4.07	<10	0.97	700	<1	0.02	23	730	18	<5	<20	53	0.12	<10	79	<10	3	68

df/959
XLS/96Canamera

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

4-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
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V2C 6T4

Phone: 604-573-5700
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ICP CERTIFICATE OF ANALYSIS - AK96-956

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION:DANE BRIDGE

No. of samples:55
Sample Type:SOIL/SILT
PROJECT #: 0050
SHIPMENT #:14
P.O. #: 5447
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #			Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	3100N	260	W	15	<0.2	1.57	<5	170	<5	0.49	<1	23	37	71	3.78	<10	0.78	1895	7	0.01	16	1670	8	<5	<20	21	0.03	<10	94	<10	<1	49
2	3100N	270	W	30	0.4	1.21	<5	170	<5	0.42	<1	20	30	46	3.01	<10	0.47	3211	7	0.01	12	1950	<2	<5	<20	17	0.01	<10	71	<10	<1	25
3	3100N	280	W	5	<0.2	2.29	5	215	<5	0.69	<1	27	53	82	5.61	<10	1.58	1666	4	0.02	26	1080	<2	<5	<20	21	0.12	<10	134	<10	<1	54
4	3100N	290	W	<5	<0.2	3.19	<5	180	5	0.62	<1	30	64	77	6.63	<10	1.85	938	3	0.02	32	710	<2	<5	<20	18	0.14	<10	143	<10	4	62
5	3100N	310	W	<5	<0.2	1.64	<5	225	<5	0.89	<1	13	50	33	3.71	<10	0.58	398	<1	0.01	15	590	8	<5	<20	23	0.22	<10	111	<10	3	23
6	3100N	320	W	<5	<0.2	3.07	<5	195	<5	0.49	<1	19	50	55	5.55	<10	1.18	795	3	0.02	21	1500	<2	<5	<20	18	0.10	<10	123	<10	5	38
7	3100N	330	W	5	<0.2	2.68	<5	215	<5	0.37	<1	17	59	43	5.49	<10	1.01	913	8	0.01	22	2150	<2	<5	<20	16	0.06	<10	119	<10	2	39
8	3100N	340	W	<5	<0.2	1.43	<5	150	<5	0.23	<1	9	41	28	3.14	<10	0.35	943	7	0.01	11	2570	<2	<5	<20	13	0.01	<10	87	<10	<1	25
9	3100N	360	W	5	<0.2	1.40	<5	225	<5	0.29	<1	7	41	32	2.62	<10	0.52	401	5	0.01	11	1600	<2	<5	<20	17	0.02	<10	73	<10	<1	25
10	3100N	370	W	<5	<0.2	1.49	<5	155	<5	0.24	<1	8	49	23	3.73	<10	0.33	623	7	<0.01	9	2270	2	<5	<20	19	0.06	<10	131	<10	<1	27
11	3100N	380	W	<5	<0.2	2.40	<5	165	<5	0.22	<1	11	58	58	4.43	<10	0.58	616	10	<0.01	15	2930	2	<5	<20	17	0.04	<10	116	<10	<1	38
12	3100N	390	W	<5	0.4	2.58	<5	115	<5	0.19	<1	13	55	70	4.66	<10	0.66	874	10	0.01	16	3090	<2	<5	<20	14	0.05	<10	107	<10	<1	47
13	3200N	240	W	<5	<0.2	2.22	<5	110	<5	0.29	<1	12	47	43	4.96	<10	0.70	630	7	0.01	14	1950	<2	<5	<20	12	0.06	<10	108	<10	2	45
14	3200N	250	W	10	0.4	1.45	<5	120	<5	0.27	<1	11	44	26	3.21	<10	0.52	1808	7	0.01	16	2530	<2	<5	<20	14	0.01	<10	81	<10	<1	28
15	3200N	260	W	<5	0.2	1.07	<5	130	<5	0.33	<1	11	27	32	2.54	<10	0.50	1352	7	0.01	10	1920	<2	<5	<20	18	0.01	<10	68	<10	<1	26
16	3200N	270	W	<5	<0.2	1.45	<5	100	<5	0.17	<1	12	42	28	3.84	<10	0.47	1266	7	0.01	12	1750	<2	<5	<20	11	0.05	<10	102	<10	<1	33
17	3200N	280	W	<5	<0.2	2.46	<5	100	<5	0.19	<1	15	60	46	5.31	<10	0.97	614	5	0.01	19	1790	<2	<5	<20	11	0.10	<10	117	<10	<1	41
18	3200N	290	W	5	<0.2	2.18	<5	75	<5	0.14	<1	12	41	41	4.03	<10	0.55	524	4	<0.01	12	1510	<2	<5	<20	9	0.05	<10	93	<10	3	28
19	3200N	300	W	<5	<0.2	1.66	<5	100	<5	0.20	<1	10	47	45	3.29	<10	0.53	533	8	0.01	17	1990	<2	<5	<20	16	0.04	<10	84	<10	<1	37
20	3200N	310	W	<5	0.4	2.67	<5	385	<5	1.06	<1	15	49	102	4.23	<10	1.24	1051	25	0.02	21	2150	2	<5	<20	224	0.04	<10	97	<10	7	140
21	3200N	320	W	<5		1.51	<5	125	<5	0.24	<1	11	44	35	3.84	<10	0.48	1313	10	0.01	13	2180	<2	<5	<20	17	0.06	<10	96	<10	<1	36
22	3200N	330	W	5	<0.2	2.01	<5	110	<5	0.27	<1	18	51	60	4.08	<10	1.05	797	6	0.01	19	1230	2	<5	<20	17	0.09	<10	105	<10	<1	45
23	3200N	340	W	10	<0.2	1.37	<5	120	<5	0.18	<1	7	41	27	2.67	<10	0.41	482	7	0.01	13	1500	<2	<5	<20	17	0.02	<10	69	<10	<1	30
24	3200N	350	W	<5	<0.2	2.05	<5	220	<5	0.31	<1	16	47	40	4.68	<10	0.92	1281	6	0.01	17	1620	<2	<5	<20	18	0.06	<10	115	<10	<1	58
25	3200N	360	W	<5	<0.2	1.77	<5	270	<5	1.23	<1	12	42	81	3.63	<10	0.96	1352	45	0.01	17	2950	<2	<5	<20	214	0.02	<10	84	<10	<1	65

CANAMERA GEOLOGICAL LTD. ICP CERTIFICATE OF ANALYSIS - AK96-956 ECO-TECH LABORATORIES LTD.

Et #.	Tag #		Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	3300N	210 W	<5	<0.2	1.22	<5	190	<5	1.63	1	10	33	69	2.86	<10	0.71	1044	47	0.01	12	2740	<2	<5	<20	284	0.02	<10	69	<10	<1	69
27	3300N	220 W	5	<0.2	1.38	<5	220	<5	2.77	<1	8	26	177	2.14	<10	0.74	699	26	0.02	13	2990	2	5	<20	484	0.03	<10	49	<10	1	58
28	3300N	230 W	<5	<0.2	1.39	<5	230	<5	2.89	<1	9	26	184	2.13	<10	0.74	722	28	0.02	13	3150	<2	5	<20	509	0.03	<10	48	<10	2	58
29	3300N	240 W	<5	0.2	2.37	<5	220	<5	1.26	<1	12	39	153	3.55	<10	0.80	913	67	0.02	16	3410	<2	<5	<20	188	0.02	<10	85	<10	3	46
30	3300N	260 W	<5	<0.2	2.49	40	300	<5	1.18	<1	14	56	161	4.44	<10	1.20	1204	69	0.01	23	3280	<2	<5	<20	190	0.03	<10	102	<10	2	83
31	3300N	270 W	5	<0.2	3.40	200	190	<5	1.46	<1	19	53	2603	4.53	<10	1.52	827	37	0.02	33	1940	<2	<5	<20	249	0.05	50	99	<10	15	87
32	4400N	1030 E	5	2.6	1.49	<5	125	<5	1.17	<1	81	27	450	3.14	<10	0.44	1712	7	0.01	18	1930	6	<5	<20	67	0.03	<10	62	<10	9	44
33	4400N	1035 E	<5	0.6	1.34	<5	85	<5	0.81	<1	22	32	236	3.02	<10	0.55	453	5	0.02	14	720	4	<5	<20	42	0.08	<10	77	<10	4	50
34	4400N	1040 E	<5	0.8	1.06	<5	90	<5	0.84	<1	20	28	130	3.15	<10	0.44	528	6	0.01	12	950	6	<5	<20	41	0.09	<10	78	<10	2	61
35	4400N	1045 E	5	<0.2	1.36	<5	110	5	0.59	<1	19	37	53	5.40	<10	0.58	1133	9	0.02	14	790	8	<5	<20	28	0.16	<10	141	<10	<1	66
36	4400N	1050 E	<5	0.6	1.31	<5	125	<5	0.79	<1	17	31	98	2.84	<10	0.45	561	8	0.02	11	1090	2	<5	<20	37	0.03	<10	74	<10	3	33
37	4400N	1050 EA	<5	2.4	1.35	<5	150	<5	1.24	<1	88	25	351	2.61	<10	0.44	2306	6	0.01	14	1940	20	<5	<20	56	0.02	<10	54	<10	7	49
38	4400N	1060 E	25	1.2	0.98	<5	180	<5	0.55	<1	13	30	66	3.02	<10	0.33	3353	7	0.01	11	930	6	<5	<20	24	0.05	<10	82	<10	<1	41
39	4400N	1065 E	<5	0.6	1.07	<5	240	<5	0.68	<1	18	30	96	3.37	<10	0.42	1676	8	0.01	13	830	4	<5	<20	28	0.04	<10	87	<10	3	34
40	4400N	1070 E	<5	0.4	0.80	<5	120	<5	0.69	<1	8	25	43	2.81	<10	0.21	244	5	0.01	8	470	6	<5	<20	27	0.11	<10	89	<10	1	24
41	S20	Heart Peak	10	1.4	1.22	230	180	<5	0.47	<1	12	17	13	4.28	80	0.21	3196	12	0.01	11	1190	30	<5	<20	51	0.05	<10	34	<10	6	96
42	S36		<5	<0.2	0.59	<5	380	<5	1.87	<1	20	4	76	5.50	<10	0.27	1470	4	<0.01	4	2720	8	<5	<20	91	<0.01	<10	118	<10	9	51
43	S37		5	<0.2	0.19	<5	30	<5	>10	<1	94	4	388	0.72	<10	0.45	521	9	<0.01	29	1060	<2	10	<20	418	<0.01	<10	8	<10	9	13
44	S38		5	0.4	0.64	<5	65	<5	>10	<1	47	12	276	2.85	<10	0.65	377	9	0.02	17	810	<2	<5	<20	535	0.03	<10	34	<10	4	29
45	S39		45	<0.2	1.06	<5	135	<5	8.92	<1	18	35	184	4.01	<10	1.02	480	8	0.02	27	1210	10	<5	<20	253	0.06	<10	58	<10	4	42
46	S40		5	0.2	1.92	115	190	<5	0.67	<1	10	21	21	4.25	70	0.40	340	8	0.02	15	960	10	10	<20	89	0.11	<10	44	<10	27	55
47	S41		<5	<0.2	2.61	10	230	<5	0.88	<1	43	47	514	5.74	<10	1.41	1064	28	0.02	27	1230	4	<5	<20	143	0.09	<10	115	<10	7	126
48	S42		5	<0.2	2.19	<5	210	<5	1.51	<1	16	35	147	4.08	<10	1.24	671	25	0.03	18	1490	<2	<5	<20	321	0.06	10	90	<10	13	116
49	S43		20	2.2	2.52	10	180	<5	1.31	4	25	50	2152	5.45	<10	1.37	861	100	0.02	48	1400	314	<5	<20	51	0.07	<10	107	<10	21	529
50	S44		<5	<0.2	2.41	<5	185	<5	1.47	<1	29	71	148	6.51	<10	2.12	1096	3	0.02	35	1330	<2	<5	<20	29	0.13	<10	149	<10	11	80
51	S45		<5	<0.2	1.48	<5	280	<5	1.83	<1	19	44	46	4.18	<10	1.09	1214	3	0.01	23	1300	<2	<5	<20	31	0.07	<10	91	<10	2	53
52	S46		<5	0.6	0.11	<5	170	<5	>10	<1	<1	7	27	0.24	<10	0.39	88	<1	<0.01	5	390	<2	15	<20	192	<0.01	<10	6	<10	<1	8
53	S47		10	<0.2	3.06	5	275	5	1.75	<1	29	64	65	5.44	<10	2.96	727	<1	0.05	24	1130	<2	<5	<20	53	0.24	<10	146	<10	2	48
54	S48		15	<0.2	2.92	10	230	<5	1.22	<1	30	61	105	5.98	<10	2.62	732	<1	0.06	28	1350	10	<5	<20	47	0.22	<10	139	<10	4	59
55	S49		<5	<0.2	3.63	<5	195	<5	1.71	<1	31	66	110	5.96	<10	2.98	950	<1	0.07	33	1200	<2	<5	<20	50	0.22	<10	141	<10	7	51

CANAMERA GEOLOGICAL LTD. ICP CERTIFICATE OF ANALYSIS - AK96-956 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
1	3100N 260 W	10	<0.2	1.60	<5	170	<5	0.50	<1	22	38	72	3.87	<10	0.80	1825	7	0.01	15	1690	8	<5	<20	<20	0.03	<10	96	<10	<1	59
10	3100N 370 W	<5	<0.2	1.46	<5	155	<5	0.23	<1	8	48	23	3.63	<10	0.32	590	7	<0.01	9	2210	2	<5	<20	19	0.06	<10	127	<10	<1	26
19	3200N 300 W	<5	<0.2	1.68	<5	100	<5	0.22	<1	10	47	46	3.30	<10	0.55	546	8	0.01	17	2030	<2	<5	<20	18	0.04	<10	85	<10	<1	38
28	3300N 230 W	<5	<0.2	1.38	<5	220	<5	2.79	<1	9	27	179	2.15	<10	0.74	697	27	0.02	14	3030	<2	5	<20	489	0.03	<10	49	<10	1	58
36	4400N 1050 E	<5	0.8	1.22	<5	125	<5	0.90	<1	17	30	90	2.77	<10	0.42	534	8	0.01	11	1050	6	<5	<20	37	0.03	<10	70	<10	3	33
45	S39	20	0.2	1.10	<5	125	<5	9.25	<1	18	34	190	3.99	<10	1.10	495	8	0.02	27	1230	8	<5	<20	250	0.05	<10	57	<10	4	42
Standard:																														
GEO96		140	1.0	1.98	65	170	<5	1.94	<1	19	68	77	4.41	<10	1.06	748	<1	0.02	23	770	18	<5	<20	63	0.15	<10	89	<10	4	67
GEO96		150	1.0	2.02	65	160	<5	1.90	<1	19	68	79	4.36	<10	1.10	751	<1	0.03	21	750	18	<5	<20	61	0.14	<10	89	<10	5	68

df/941
XLS/96Canamera

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

4-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS - AK96-959

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: DANE BRIDGE

No. of samples: 9
Sample Type: ROCK
PROJECT #: 0048
SHIPMENT #: 15
P.O. #: 5447
Samples submitted by: DANE BRIDGE

0048

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	56906	0.8	2.21	25	130	<5	3.84	<1	25	26	94	6.48	<10	2.58	1047	6	0.04	13	840	6	<5	20	68	0.03	<10	155	<10	4	62
2	56907	1.0	5.89	15	20	<5	6.07	<1	44	34	6194	2.54	<10	1.67	224	<1	0.07	19	10	12	<5	<20	149	0.09	<10	98	<10	<1	10
3	56908	2.2	5.16	25	30	<5	5.54	<1	44	61	10000	2.60	<10	1.47	221	<1	0.08	41	<10	12	<5	<20	154	0.13	<10	88	10	<1	15
4	56909	<0.2	6.60	15	25	<5	6.84	<1	21	39	62	4.96	<10	1.54	404	<1	0.15	10	210	6	<5	20	425	0.12	<10	215	<10	<1	22
5	56910	<0.2	4.39	10	20	<5	8.07	<1	24	120	98	4.49	<10	2.19	663	1	0.07	28	680	4	<5	<20	308	0.07	<10	171	<10	<1	22
6	56911	<0.2	4.13	10	20	<5	8.32	<1	27	131	71	4.69	<10	2.31	749	1	0.07	32	760	4	<5	<20	318	0.07	<10	173	<10	<1	24
7	56912	<0.2	2.66	<5	40	<5	2.67	<1	30	60	1525	5.92	<10	1.64	816	<1	0.07	28	960	6	<5	<20	53	0.16	<10	192	<10	<1	33
8	56913	>30	0.42	20	65	<5	8.20	3	28	97	580	4.51	<10	3.37	5774	5	0.03	87	240	28	40	<20	116	0.04	<10	49	<10	<1	63
9	56914	<0.2	1.75	<5	55	<5	1.89	<1	14	51	85	2.37	<10	1.06	184	<1	0.11	7	830	8	<5	<20	41	0.20	<10	44	<10	6	10
QC DATA:																													
Resplit:																													
1	56906	1.0	2.19	35	145	<5	3.84	<1	26	27	96	6.46	<10	2.58	1048	5	0.04	12	850	6	<5	20	68	0.03	<10	156	<10	4	57
Repeat:																													
1	56906	1.2	2.23	15	145	<5	3.83	<1	28	29	89	6.52	<10	2.58	1045	6	0.04	13	850	6	<5	20	69	0.03	<10	156	<10	4	53
Standard:																													
GEO96		1.2	1.79	85	140	<5	1.76	<1	19	62	73	4.07	<10	0.97	700	<1	0.02	23	730	18	<5	<20	53	0.12	<10	79	<10	3	68

dl/959
XLS/96Canamera

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

18-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS - AK96-1025

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION:DANE BRIDGE

No. of samples:24
Sample Type:SILT
PROJECT #: 0049
SHIPMENT #:20
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	5219	<5	<0.2	1.36	<5	130	<5	3.64	<1	25	45	37	4.56	<10	1.43	875	<1	0.03	49	1100	6	<5	<20	110	0.14	<10	83	<10	9	57
2	5220	<5	<0.2	1.56	<5	135	<5	1.16	<1	28	58	30	5.62	<10	1.18	770	<1	0.03	47	1140	6	<5	<20	61	0.27	<10	115	<10	8	69
3	5221	<5	<0.2	2.74	<5	130	<5	1.74	<1	29	56	22	6.74	10	0.59	648	<1	0.03	32	2370	4	<5	<20	96	0.20	<10	108	<10	16	66
4	5222	<5	<0.2	2.02	<5	305	5	0.80	<1	31	25	16	5.18	30	0.42	860	3	<0.01	31	970	18	<5	<20	49	0.05	<10	79	<10	20	73
5	5223	<5	0.2	2.80	<5	225	10	1.53	<1	54	63	27	>10	<10	0.62	6228	3	0.03	43	2710	16	<5	60	68	0.33	<10	140	<10	21	77
6	5224	<5	<0.2	1.23	<5	100	<5	1.42	1	43	3	25	7.22	20	0.29	1701	7	0.01	21	4050	8	<5	20	85	0.02	<10	66	<10	32	87
7	5225	<5	<0.2	1.18	<5	115	<5	0.93	<1	24	16	11	5.69	<10	0.25	1151	<1	0.02	11	2230	8	<5	20	37	0.18	<10	74	<10	17	67
8	5231	<5	0.4	0.85	20	375	<5	0.93	<1	21	11	60	5.35	<10	0.35	1830	6	<0.01	8	2080	20	<5	<20	23	0.01	<10	54	<10	12	69
9	5232	<5	<0.2	0.72	10	540	<5	4.34	<1	15	15	60	3.96	<10	0.34	1249	3	<0.01	8	1620	16	<5	<20	93	0.01	<10	46	<10	8	55
10	5233	<5	0.4	0.56	25	400	<5	0.79	<1	18	7	188	4.46	<10	0.23	1336	15	<0.01	6	2340	18	<5	<20	28	0.01	<10	48	<10	7	69
11	5234	<5	0.6	0.46	<5	520	<5	1.38	<1	19	10	59	5.06	<10	0.31	1684	4	<0.01	10	2060	4	<5	<20	27	<0.01	<10	52	<10	7	82
12	5235	<5	<0.2	0.64	<5	485	<5	3.23	<1	19	7	78	4.40	<10	0.46	1513	4	<0.01	10	1950	8	<5	<20	59	<0.01	<10	36	<10	5	52
13	5236	<5	0.4	0.81	<5	445	<5	1.49	<1	24	46	100	5.98	<10	0.50	1286	6	<0.01	31	2120	16	<5	<20	29	<0.01	<10	62	<10	7	97
14	5237	<5	0.2	0.82	5	455	<5	2.14	<1	33	73	98	6.93	<10	0.83	1631	5	<0.01	47	2170	32	<5	<20	38	<0.01	<10	79	<10	5	103
15	5238	<5	0.2	0.86	35	240	<5	2.85	<1	34	79	95	7.48	<10	0.93	1321	6	<0.01	55	2690	24	<5	<20	44	0.02	<10	108	<10	5	99
16	5239	5	<0.2	1.31	<5	205	<5	4.42	<1	26	35	29	5.83	<10	0.80	1285	<1	0.02	31	1340	8	<5	<20	96	0.21	<10	86	<10	6	84
17	5240	<5	<0.2	0.72	<5	150	<5	7.70	<1	19	20	42	5.41	<10	0.31	812	4	0.01	24	1470	8	<5	<20	109	0.07	<10	72	<10	6	88
18	5241	<5	<0.2	1.78	<5	150	10	1.58	<1	35	42	29	7.04	<10	0.69	1263	<1	0.04	33	1770	12	<5	<20	57	0.22	<10	113	<10	11	99
19	5242	<5	<0.2	1.56	10	310	<5	3.66	<1	23	32	52	5.15	<10	1.07	812	1	0.03	32	1040	10	<5	<20	180	0.12	<10	75	<10	7	71
20	5226	<5	<0.2	1.84	<5	265	<5	1.06	<1	17	12	12	5.93	20	0.38	3383	1	0.03	11	1500	4	<5	<20	115	0.12	<10	58	<10	16	45
21	5227	<5	0.2	1.76	<5	130	<5	2.12	<1	18	14	28	4.81	20	0.33	3349	2	0.02	18	1530	6	<5	<20	128	0.08	<10	57	<10	16	68
22	5228	<5	<0.2	1.68	<5	465	<5	1.52	<1	12	3	20	4.55	50	0.29	767	2	0.02	8	3260	6	<5	<20	522	0.06	<10	61	<10	14	43
23	5229	<5	<0.2	1.45	<5	165	<5	0.82	1	28	11	16	5.38	60	0.16	1864	6	0.01	18	2160	8	<5	<20	115	0.05	<10	44	<10	31	98
24	5230	<5	<0.2	2.63	<5	225	<5	1.72	<1	23	23	37	5.90	20	0.52	1326	2	0.02	24	2130	4	<5	<20	301	0.11	<10	94	<10	21	61

CANAMERA GEOLOGICAL LTD. ICP CERTIFICATE OF ANALYSIS - AK96-1025 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
1	5219	<5	<0.2	1.41	<5	140	10	3.83	<1	28	48	38	4.59	<10	1.49	910	<1	0.03	51	1130	8	<5	<20	97	0.17	<10	92	<10	10	64
10	5233	<5	0.4	0.58	25	415	<5	0.81	<1	18	8	192	4.56	<10	0.23	1358	16	<0.01	5	2470	18	<5	<20	27	0.01	<10	50	<10	8	68
19	5242	<5	<0.2	1.62	20	315	<5	3.80	<1	24	32	51	5.40	<10	1.07	860	2	0.03	34	1060	8	<5	<20	180	0.12	<10	78	<10	7	75
Standard:																														
GEO'96		155	1.4	1.81	65	150	<5	2.05	1	24	79	74	4.10	<10	0.98	741	4	0.02	24	760	22	5	<20	57	0.13	<10	91	<10	4	75
GEO'96		-	1.8	2.02	70	155	<5	2.10	<1	21	73	77	4.04	<10	1.03	720	<1	0.02	22	740	18	<5	<20	70	0.17	<10	92	<10	5	66

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/1025
XLS/96Canamera

18-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS - AK96-1025

S 219 – S 220 NW of Shesley
S 221 – S 230 on S side of Free

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION:DANE BRIDGE

No. of samples:24
Sample Type:SILT
PROJECT #: 0049
SHIPMENT #:20
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	5219	<5	<0.2	1.36	<5	130	<5	3.64	<1	25	45	37	4.56	<10	1.43	875	<1	0.03	49	1100	6	<5	<20	110	0.14	<10	83	<10	9	57
2	5220	<5	<0.2	1.56	<5	135	<5	1.16	<1	28	58	30	5.62	<10	1.18	770	<1	0.03	47	1140	6	<5	<20	61	0.27	<10	115	<10	8	69
3	5221	<5	<0.2	2.74	<5	130	<5	1.74	<1	29	56	22	6.74	10	0.59	648	<1	0.03	32	2370	4	<5	<20	96	0.20	<10	108	<10	16	66
4	5222	<5	<0.2	2.02	<5	305	5	0.80	<1	31	25	16	5.18	30	0.42	860	3	<0.01	31	970	18	<5	<20	49	0.05	<10	79	<10	20	73
5	5223	<5	0.2	2.80	<5	225	10	1.53	<1	54	63	27	>10	<10	0.62	6228	3	0.03	43	2710	16	<5	60	68	0.33	<10	140	<10	21	77
6	5224	<5	<0.2	1.23	<5	100	<5	1.42	1	43	3	25	7.22	20	0.29	1701	7	0.01	21	4050	8	<5	20	85	0.02	<10	66	<10	32	87
7	5225	<5	<0.2	1.18	<5	115	<5	0.93	<1	24	16	11	5.69	<10	0.25	1151	<1	0.02	11	2230	8	<5	20	37	0.18	<10	74	<10	17	67
8	5231	<5	0.4	0.85	20	375	<5	0.93	<1	21	11	60	5.35	<10	0.35	1830	6	<0.01	8	2080	20	<5	<20	23	0.01	<10	54	<10	12	69
9	5232	<5	<0.2	0.72	10	540	<5	4.34	<1	15	15	60	3.96	<10	0.34	1249	3	<0.01	8	1620	16	<5	<20	93	0.01	<10	46	<10	8	55
10	5233	<5	0.4	0.56	25	400	<5	0.79	<1	18	7	188	4.46	<10	0.23	1336	15	<0.01	6	2340	18	<5	<20	28	0.01	<10	48	<10	7	69
11	5234	<5	0.6	0.46	<5	520	<5	1.38	<1	19	10	59	5.06	<10	0.31	1684	4	<0.01	10	2060	4	<5	<20	27	<0.01	<10	52	<10	7	82
12	5235	<5	<0.2	0.64	<5	485	<5	3.23	<1	19	7	78	4.40	<10	0.46	1513	4	<0.01	10	1950	8	<5	<20	59	<0.01	<10	36	<10	5	52
13	5236	<5	0.4	0.81	<5	445	<5	1.49	<1	24	46	100	5.98	<10	0.50	1286	6	<0.01	31	2120	16	<5	<20	29	<0.01	<10	62	<10	7	97
14	5237	<5	0.2	0.82	5	455	<5	2.14	<1	33	73	98	6.93	<10	0.83	1631	5	<0.01	47	2170	32	<5	<20	38	<0.01	<10	79	<10	5	103
15	5238	<5	0.2	0.86	35	240	<5	2.85	<1	34	79	95	7.48	<10	0.93	1321	6	<0.01	55	2690	24	<5	<20	44	0.02	<10	108	<10	5	99
16	5239	5	<0.2	1.31	<5	205	<5	4.42	<1	26	35	29	5.83	<10	0.80	1285	<1	0.02	31	1340	8	<5	<20	96	0.21	<10	86	<10	6	84
17	5240	<5	<0.2	0.72	<5	150	<5	7.70	<1	19	20	42	5.41	<10	0.31	812	4	0.01	24	1470	8	<5	<20	109	0.07	<10	72	<10	6	88
18	5241	<5	<0.2	1.78	<5	150	10	1.58	<1	35	42	29	7.04	<10	0.69	1263	<1	0.04	33	1770	12	<5	<20	57	0.22	<10	113	<10	11	99
19	5242	<5	<0.2	1.56	10	310	<5	3.66	<1	23	32	52	5.15	<10	1.07	812	1	0.03	32	1040	10	<5	<20	180	0.12	<10	75	<10	7	71
20	5226	<5	<0.2	1.84	<5	265	<5	1.06	<1	17	12	12	5.93	20	0.38	3383	1	0.03	11	1500	4	<5	<20	115	0.12	<10	58	<10	16	45
21	5227	<5	0.2	1.76	<5	130	<5	2.12	<1	18	14	28	4.81	20	0.33	3349	2	0.02	18	1530	6	<5	<20	128	0.08	<10	57	<10	16	68
22	5228	<5	<0.2	1.68	<5	465	<5	1.52	<1	12	3	20	4.55	50	0.29	767	2	0.02	8	3260	6	<5	<20	522	0.06	<10	61	<10	14	43
23	5229	<5	<0.2	1.45	<5	165	<5	0.82	1	28	11	16	5.38	60	0.16	1864	6	0.01	18	2160	8	<5	<20	115	0.05	<10	44	<10	31	98
24	5230	<5	<0.2	2.63	<5	225	<5	1.72	<1	23	23	37	5.90	20	0.52	1326	2	0.02	24	2130	4	<5	<20	301	0.11	<10	94	<10	21	61

CANAMERA GEOLOGICAL LTD. ICP CERTIFICATE OF ANALYSIS - AK96-1025 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
1	5219	<5	<0.2	1.41	<5	140	10	3.83	<1	28	48	38	4.59	<10	1.49	910	<1	0.03	51	1130	8	<5	<20	97	0.17	<10	92	<10	10	64
10	5233	<5	0.4	0.58	25	415	<5	0.81	<1	18	8	192	4.56	<10	0.23	1358	16	<0.01	5	2470	18	<5	<20	27	0.01	<10	50	<10	8	68
19	5242	<5	<0.2	1.62	20	315	<5	3.80	<1	24	32	51	5.40	<10	1.07	860	2	0.03	34	1060	8	<5	<20	180	0.12	<10	78	<10	7	75
Standard:																														
GEO'96		155	1.4	1.81	65	150	<5	2.05	1	24	79	74	4.10	<10	0.98	741	4	0.02	24	760	22	5	<20	57	0.13	<10	91	<10	4	75
GEO'96		-	1.8	2.02	70	155	<5	2.10	<1	21	73	77	4.04	<10	1.03	720	<1	0.02	22	740	18	<5	<20	70	0.17	<10	92	<10	5	66

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/1025
XLS/96Canamera

13-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS - AK96-1030

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION:DANE BRIDGE

No. of samples:18
Sample Type:CORE
PROJECT #: 0048
SHIPMENT #:21
P.O. #: 8031
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	9601	0.8	0.35	<5	70	15	5.20	1	39	38	11	>10	<10	1.27	1956	13	<0.01	30	170	26	<5	<20	310	<0.01	<10	63	<10	<1	139
2	9602	1.0	0.39	<5	65	5	4.61	2	44	50	13	>10	<10	1.09	1893	12	<0.01	34	230	20	<5	<20	277	<0.01	<10	62	<10	<1	116
3	9603	0.2	0.54	<5	85	15	1.36	4	39	29	21	>10	<10	1.66	2874	12	0.01	47	660	24	<5	<20	125	0.01	<10	99	<10	<1	56
4	9604	0.4	0.52	<5	80	10	3.08	3	37	32	16	>10	<10	2.22	3684	13	0.01	32	860	28	<5	<20	199	0.01	<10	98	<10	<1	122
5	9605	0.4	0.75	<5	50	<5	5.99	<1	28	61	36	5.62	20	1.48	968	4	0.05	74	2050	2	<5	<20	459	<0.01	<10	63	<10	5	43
6	9606	0.2	1.37	<5	95	<5	6.47	<1	26	61	37	5.42	20	2.26	887	3	0.05	73	2080	<2	<5	<20	436	<0.01	<10	60	<10	4	37
7	9607	0.4	1.36	<5	90	<5	6.50	<1	27	56	36	5.35	20	2.32	875	2	0.05	71	1950	<2	<5	<20	475	<0.01	<10	57	<10	4	36
8	9608	0.2	2.45	<5	70	<5	4.57	<1	29	147	41	5.57	<20	3.09	893	2	0.10	83	2330	<2	<5	<20	424	<0.01	<10	123	<10	6	41
9	9609	0.4	1.66	<5	45	<5	5.16	<1	29	77	47	5.28	10	2.37	1188	2	0.08	73	2100	<2	<5	<20	405	<0.01	<10	66	<10	7	55
10	9610	0.4	2.02	<5	90	<5	6.03	<1	33	91	51	5.86	20	2.76	1453	3	0.08	94	2890	<2	<5	<20	466	<0.01	<10	76	<10	10	45
11	9611	0.2	2.29	<5	55	<5	4.35	<1	31	87	48	6.49	<10	2.48	1268	3	0.08	87	1870	<2	<5	<20	383	<0.01	<10	81	<10	7	48
12	9612	0.4	2.57	<5	85	<5	4.69	<1	35	98	47	7.06	<10	2.77	1497	3	0.07	98	2060	<2	<5	<20	409	<0.01	<10	92	<10	6	47
13	9613	0.2	2.32	<5	65	<5	4.96	<1	38	95	43	7.47	<10	2.77	1539	3	0.07	100	1720	<2	<5	<20	430	<0.01	<10	88	<10	5	47
14	9614	0.2	1.06	<5	30	<5	5.52	<1	31	57	40	7.02	<10	2.26	1470	4	0.07	80	2120	<2	<5	<20	408	<0.01	<10	57	<10	4	47
15	9615	0.6	1.63	<5	40	10	6.21	<1	29	71	43	6.47	10	2.88	1826	4	0.07	87	2330	<2	<5	<20	469	<0.01	<10	69	<10	7	45
16	9616	1.0	2.71	<5	50	<5	5.14	<1	29	94	39	8.14	10	3.19	1532	3	0.05	75	2050	<2	<5	<20	459	<0.01	<10	96	<10	5	47
17	9617	0.8	2.94	<5	110	5	4.66	<1	33	106	45	7.25	<10	3.10	1380	2	0.07	87	1730	<2	<5	<20	416	<0.01	<10	96	<10	5	47
18	9618	0.2	2.64	<5	80	<5	5.75	<1	34	94	43	6.44	10	2.30	1071	3	0.07	87	1860	<2	<5	<20	512	<0.01	<10	74	<10	7	49

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
QC DATA:																													
Resplit:																													
5	9605	0.4	0.84	<5	55	<5	6.14	<1	30	66	38	5.39	20	1.57	993	3	0.06	81	2220	<2	<5	<20	480	<0.01	<10	66	<10	7	43
Repeat:																													
1	9601	0.8	0.40	<5	70	15	5.03	2	38	40	11	>10	<10	1.36	1934	13	<0.01	29	190	26	<5	<20	336	<0.01	<10	65	<10	<1	130
10	9610	0.2	2.03	<5	80	<5	5.65	<1	31	86	48	5.69	20	2.71	1348	3	0.08	90	2760	<2	<5	<20	465	<0.01	<10	72	<10	10	40
Standard:																													
GEO'96		1.2	1.74	70	155	<5	1.76	<1	20	66	79	4.04	<10	0.96	702	<1	0.01	22	640	18	<5	<20	50	0.09	<10	73	<10	5	72

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/1030
XLS/96Canamera#2

17-Sept-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS - AK96-1037

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: DANE BRIDGE

No. of samples: 11
Sample Type: ROCK
PROJECT #: 0049
SHIPMENT #: 18
P.O. #: 5449
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	56916	<0.2	3.43	55	35	<5	7.63	<1	14	18	64	8.68	<10	3.31	2222	7	<0.01	5	1660	<2	<5	<20	67	0.02	<10	195	<10	<1	40
2	56917	<0.2	1.33	<5	50	<5	2.03	<1	17	35	172	3.96	<10	1.01	611	3	0.05	4	1820	8	<5	<20	67	0.10	<10	89	<10	5	40
3	56918	<0.2	1.80	<5	35	<5	1.40	<1	23	48	108	5.49	<10	1.92	624	3	0.06	10	1750	2	5	<20	51	0.17	<10	110	<10	2	50
4	56919	8.4	0.36	255	40	<5	0.44	<1	71	15	704	>10	<10	0.49	230	31	0.01	18	<10	62	<5	20	13	0.05	20	29	<10	<1	18
5	56920	1.0	1.10	<5	35	<5	0.70	<1	17	42	499	4.78	<10	0.69	243	4	0.07	2	1700	8	<5	<20	35	0.13	<10	79	<10	2	32
6	56921	0.4	0.86	<5	25	<5	0.66	<1	13	40	388	3.55	<10	0.54	187	21	0.05	3	1810	6	<5	<20	23	0.12	<10	86	<10	3	31
7	56922	2.0	1.62	<5	25	<5	1.27	<1	18	45	1227	3.56	<10	0.76	211	1	0.15	27	1860	6	<5	<20	45	0.13	<10	73	<10	3	40
8	56923	7.4	2.12	5	80	<5	1.79	1	19	125	4014	4.64	<10	2.21	1068	135	0.06	17	830	4	<5	<20	40	0.15	<10	182	<10	4	193
9	56924	>30	0.19	945	20	<5	3.33	845	8	76	1407	6.53	<10	0.42	1785	9	<0.01	4	20	>10000	955	<20	52	<0.01	<10	9	<10	<1	>10000
10	56925	1.8	0.64	<5	30	<5	0.40	2	18	55	821	4.03	<10	0.51	75	3	0.02	11	1010	150	<5	<20	19	0.13	<10	51	<10	2	53
11	56926	0.4	0.86	<5	25	<5	0.67	<1	13	46	272	2.59	<10	0.25	70	2	0.07	6	1090	42	<5	<20	49	0.12	<10	51	<10	4	25
QC DATA:																													
Resplit:																													
RS/1	56916	<0.2	3.18	50	25	<5	7.15	<1	11	14	54	8.17	<10	3.11	2104	6	<0.01	4	1620	<2	<5	<20	62	0.02	<10	180	<10	<1	38
Repeat:																													
1	56916	<0.2	3.11	55	35	<5	7.15	<1	13	16	60	8.19	<10	3.10	2160	6	<0.01	6	1500	<2	<5	<20	66	0.02	<10	188	<10	<1	32
Standard:																													
GEO'96		0.8	1.77	60	160	<5	1.89	<1	20	60	73	4.12	<10	0.94	622	<1	0.02	20	680	16	<5	<20	60	0.09	<10	78	<10	5	70

df/1027
XLS/96Canamera#2

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

Bing

19-Sep-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS - AK96-1038

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: DANE BRIDGE

No. of samples: 148
Sample Type: SOIL
PROJECT #: 0050
SHIPMENT #: 17
P.O. #: 5449
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	550	<5	1.4	0.72	10	90	<5	4.33	1	15	20	579	0.90	30	0.27	1132	5	0.01	48	2750	4	<5	<20	155	<0.01	<10	12	<10	26	44
2	2330N 980 E	<5	0.6	2.42	<5	165	10	0.53	<1	21	87	61	5.61	<10	1.18	562	1	<0.01	39	720	18	<5	<20	30	0.15	<10	118	<10	<1	39
3	2330N 990 E	<5	<0.2	2.43	<5	115	5	0.44	<1	20	102	33	4.89	<10	1.25	713	2	0.01	37	1090	16	<5	<20	31	0.08	<10	112	<10	<1	49
4	2330N 1000 E	5	<0.2	3.00	<5	175	<5	0.42	1	36	63	164	7.56	<10	1.58	686	13	0.01	36	1070	28	<5	<20	36	0.09	<10	155	<10	<1	47
5	2330N 1010 E	<5	0.2	2.75	<5	105	10	0.23	<1	19	89	41	6.10	<10	1.00	777	3	<0.01	33	990	20	<5	<20	17	0.12	<10	124	<10	<1	53
6	2330N 1020 E	<5	<0.2	2.28	<5	150	5	0.31	1	21	70	39	6.55	<10	0.92	1217	3	<0.01	27	1050	18	<5	<20	21	0.12	<10	136	<10	<1	80
7	2330N 1030 E	5	0.4	1.69	<5	175	5	0.47	<1	19	52	31	5.04	<10	0.78	1281	2	<0.01	20	1150	16	<5	<20	30	0.05	<10	118	<10	<1	57
8	2330N 1040 E	<5	<0.2	1.26	<5	120	<5	0.27	<1	18	63	29	5.02	<10	0.40	1646	3	<0.01	17	1120	12	<5	<20	16	0.12	<10	126	<10	<1	59
9	2330N 1050 E	<5	<0.2	2.31	<5	110	<5	0.27	<1	21	60	45	5.59	<10	0.90	1098	2	0.01	25	1070	16	<5	<20	17	0.13	<10	121	<10	<1	61
10	2330N 1060 E	<5	0.2	1.17	<5	130	<5	0.52	<1	22	57	37	4.76	<10	0.60	1734	3	<0.01	18	830	14	<5	<20	25	0.08	<10	119	<10	<1	48
11	2400N 985 E	5	<0.2	2.39	10	85	<5	0.51	<1	23	291	54	4.66	<10	2.15	923	6	<0.01	66	950	18	<5	<20	23	0.08	<10	135	<10	<1	38
12	2400N 990 E	<5	0.6	0.20	<5	75	<5	4.72	<1	4	13	119	0.40	<10	0.30	392	24	0.03	41	1130	<2	5	<20	152	<0.01	<10	15	<10	5	43
13	2400N 1025 EA	<5	0.2	1.91	15	95	<5	0.48	<1	20	151	33	4.21	<10	1.20	925	5	0.01	44	1200	18	<5	<20	21	0.08	<10	104	<10	<1	50
14	2400N 1030 E	<5	0.6	1.98	5	135	5	0.43	<1	22	80	41	5.01	<10	0.98	1488	3	<0.01	26	1130	16	<5	<20	23	0.07	<10	116	<10	<1	51
15	2400N 1035 E	5	0.4	1.39	<5	135	<5	1.26	<1	15	87	78	4.12	<10	0.65	870	33	0.01	27	1000	12	<5	<20	43	0.07	<10	90	<10	<1	39
16	2400N 1040 E	<5	0.4	1.81	<5	125	<5	0.42	<1	21	183	60	4.76	<10	1.19	645	13	0.01	48	1090	16	<5	<20	24	0.10	<10	112	<10	<1	46
17	2400N 1045 E	<5	<0.2	1.44	<5	95	5	0.43	<1	19	69	36	4.53	<10	0.66	910	16	<0.01	21	1040	10	<5	<20	20	0.08	<10	101	<10	<1	35
18	3800N 800 E	<5	0.6	2.18	<5	370	<5	0.46	<1	19	45	164	5.71	<10	0.89	628	78	0.02	17	860	22	<5	<20	20	0.17	<10	143	<10	<1	82
19	3800N 825 E	<5	0.4	2.02	<5	220	<5	0.44	<1	15	43	88	4.67	<10	0.98	328	53	0.02	19	580	22	<5	<20	15	0.16	<10	141	<10	<1	50
20	3800N 850 E	<5	0.8	2.29	<5	95	<5	0.38	<1	20	57	106	6.86	<10	1.20	386	26	0.02	22	2130	48	<5	<20	10	0.14	<10	172	<10	<1	59
21	3800N 875 E	5	1.4	2.09	<5	120	<5	0.23	1	16	48	54	6.01	<10	0.67	479	25	0.01	16	1460	28	<5	<20	15	0.15	<10	147	<10	<1	110
22	3800N 900 E	<5	0.2	3.60	5	145	<5	0.36	<1	27	93	238	6.23	<10	1.62	412	12	0.02	44	1100	30	<5	<20	14	0.18	<10	156	<10	<1	64
23	3800N 925 E	10	1.2	1.77	5	90	<5	0.29	<1	18	51	175	6.38	<10	0.76	290	29	0.01	19	1860	20	<5	<20	14	0.15	<10	127	<10	<1	57
24	3800N 950 E	5	0.8	3.79	10	165	<5	0.35	<1	26	65	350	6.21	<10	1.33	380	17	0.02	36	1230	32	<5	<20	12	0.16	<10	143	<10	<1	73
25	3800N 975 E	<5	0.6	3.05	15	120	<5	0.40	<1	24	62	327	5.72	<10	1.18	341	11	0.02	33	1020	28	<5	<20	11	0.16	<10	118	<10	<1	47

CANAMERA GEOLOGICAL LTD. ICP CERTIFICATE OF ANALYSIS - AK96-1038 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	3800N 1000 E	<5	0.6	2.24	<5	195	<5	0.48	<1	20	64	201	5.49	<10	1.39	404	10	0.02	29	650	22	<5	<20	19	0.22	<10	159	<10	<1	71
27	3800N 1025 E	<5	1.0	2.07	<5	175	<5	0.45	<1	20	52	174	4.80	<10	0.97	471	5	0.01	23	700	22	<5	<20	16	0.16	<10	109	<10	2	62
28	3800N 1050 E	<5	0.6	2.30	15	235	<5	1.08	<1	29	65	144	5.61	<10	1.30	596	7	0.02	30	1050	24	<5	<20	24	0.13	<10	136	<10	2	74
29	3800N 1075 E	<5	0.4	2.46	10	115	<5	1.03	<1	25	74	142	5.32	<10	1.42	565	5	0.03	32	1140	26	<5	<20	20	0.18	<10	128	<10	<1	78
30	3800N 1100 E	<5	<0.2	1.76	5	235	5	0.89	<1	19	57	95	4.74	<10	1.01	537	6	0.02	23	560	18	<5	<20	21	0.12	<10	130	<10	<1	62
31	3800N 1125 E	10	<0.2	2.11	10	165	10	0.73	<1	25	63	100	6.52	<10	1.27	613	5	0.02	29	970	26	<5	<20	14	0.17	<10	150	<10	<1	62
32	3800N 1175 E	<5	0.2	1.66	<5	110	<5	1.99	<1	20	46	117	3.98	<10	1.02	744	30	0.02	23	1220	14	<5	<20	54	0.10	<10	89	<10	3	42
33	3800N 1200 E	<5	0.2	1.64	10	135	<5	2.99	<1	17	46	145	3.44	<10	1.06	739	45	0.02	24	1320	16	<5	<20	125	0.06	<10	75	<10	4	48
34	5000N 0 E	10	1.0	1.68	25	640	<5	0.70	3	22	67	327	6.12	10	0.76	403	24	<0.01	41	2230	106	<5	<20	58	0.04	<10	116	<10	4	320
35	5000N 10 E	15	1.0	2.02	30	430	<5	1.39	1	19	76	340	4.95	<10	1.26	352	16	0.02	32	1730	86	<5	<20	48	0.05	<10	106	<10	2	181
36	5000N 20 E	150	2.8	2.33	<5	90	<5	0.77	<1	50	75	866	>10	<10	1.39	1012	31	0.12	48	2290	18	<5	<20	156	0.07	<10	111	<10	8	60
37	5000N 30 E	90	2.0	2.86	<5	270	<5	0.78	<1	47	84	1300	>10	<10	1.49	501	66	<0.01	76	1650	36	<5	<20	34	0.05	<10	104	<10	13	65
38	5000N 40 E	10	1.0	2.20	5	250	<5	1.74	2	55	81	441	8.08	<10	1.39	1039	30	0.04	56	1930	20	<5	<20	107	0.07	<10	86	<10	4	79
39	5000N 50 E	210	2.0	1.64	5	175	<5	1.23	<1	34	36	259	7.11	<10	0.88	856	41	0.02	32	1870	46	<5	<20	86	0.04	<10	73	<10	3	85
40	5000N 60 E	15	0.6	2.31	5	375	<5	1.08	<1	29	60	250	6.72	<10	1.57	491	14	0.04	34	890	40	<5	<20	65	0.14	<10	121	<10	2	56
41	5000N 70 E	<5	0.8	2.09	<5	650	<5	0.81	<1	24	66	436	7.33	<10	1.37	627	22	0.02	29	1580	22	<5	<20	102	0.08	<10	122	<10	<1	37
42	5000N 80 E	<5	1.0	1.75	<5	330	<5	0.84	1	26	52	321	5.62	<10	1.05	567	15	0.03	25	1610	16	<5	<20	120	0.03	<10	104	<10	<1	46
43	5000N 90 E	<5	1.8	2.72	<5	155	<5	0.94	<1	17	116	487	5.88	<10	1.44	288	16	0.03	37	1290	26	<5	<20	128	0.08	<10	108	<10	<1	42
44	5000N 100 E	5	0.4	2.83	5	135	<5	0.34	<1	27	49	373	6.83	<10	1.27	426	26	0.01	24	940	54	<5	<20	62	0.07	<10	127	<10	<1	38
45	5000N 10 W	340	6.8	1.63	1070	410	<5	1.22	87	31	68	737	7.44	10	1.04	810	89	0.02	56	2040	4066	<5	<20	54	0.04	<10	96	<10	15	7539
46	5000N 20 W	15	0.8	1.25	105	385	<5	1.51	11	13	42	212	3.41	<10	0.60	397	23	0.03	20	1290	326	<5	<20	45	0.02	<10	75	<10	1	830
47	5000N 30 W	<5	0.8	0.52	25	315	<5	2.04	8	17	26	159	3.21	<10	0.15	755	32	0.03	28	1270	214	<5	<20	41	0.01	<10	44	<10	3	460
48	5000N 40 W	390	8.0	1.48	100	60	<5	0.59	4	23	202	1324	>10	50	0.95	364	252	0.01	66	2890	512	<5	<20	501	0.05	<10	81	<10	13	341
49	5000N 50 W	20	0.6	2.05	15	285	<5	0.59	1	18	244	258	5.04	<10	1.76	271	26	<0.01	76	1130	62	<5	<20	52	0.09	<10	115	<10	2	272
50	5000N 60 W	<5	0.4	2.32	10	340	<5	0.77	2	30	247	225	5.52	10	2.33	405	36	0.02	88	1040	44	<5	<20	41	0.18	<10	119	<10	4	105
51	5000N 70 W	65	<0.2	1.84	<5	365	<5	0.55	<1	17	47	185	5.37	<10	1.32	467	16	0.01	17	1080	46	<5	<20	30	0.16	<10	139	<10	<1	74
52	5000N 80 W	10	0.4	1.95	<5	475	<5	0.43	<1	20	81	173	5.85	<10	1.74	495	7	0.01	22	990	30	<5	<20	28	0.28	<10	128	<10	4	69
53	5000N 90 W	<5	0.8	1.32	<5	455	<5	0.32	1	22	31	416	6.54	<10	0.75	885	31	<0.01	12	730	90	<5	<20	21	0.08	<10	125	<10	<1	62
54	5000N 100 W	40	1.2	2.03	<5	695	<5	0.50	<1	32	60	627	7.92	<10	1.88	1087	27	0.01	20	1310	56	<5	<20	35	0.19	<10	155	<10	4	77
55	5000N 110 W	45	0.2	2.19	<5	400	<5	0.48	<1	22	84	398	6.78	<10	2.06	532	28	0.02	27	1120	74	<5	<20	48	0.24	<10	171	<10	2	74
56	5000N 120 W	10	0.4	1.82	<5	315	<5	0.36	<1	18	38	239	6.13	<10	1.09	426	17	0.01	15	1030	40	<5	<20	36	0.13	<10	152	<10	<1	55
57	5000N 130 W	35	0.6	2.08	<5	560	<5	0.57	<1	23	98	293	6.71	<10	1.98	501	12	0.02	30	830	26	<5	<20	49	0.30	<10	176	<10	<1	53
58	5000N 140 W	40	0.2	3.25	<5	825	<5	1.05	<1	37	422	433	8.09	20	3.66	1087	27	0.03	121	2280	26	<5	<20	57	0.24	<10	188	<10	9	73
59	5000N 150 W	<5	0.2	2.45	<5	505	<5	0.70	<1	28	212	407	6.92	<10	2.60	568	16	0.02	42	1330	34	<5	<20	57	0.33	<10	174	<10	2	72
60	5000N 160 W	5	0.4	1.94	<5	390	<5	0.60	<1	20	139	292	5.11	<10	1.78	460	9	0.01	36	1150	50	<5	<20	35	0.20	<10	131	<10	1	92

CANAMERA GEOLOGICAL LTD. ICP CERTIFICATE OF ANALYSIS - AK96-1038 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
61	5000N 170 W	35	0.2	1.70	10	270	<5	0.34	<1	16	54	174	5.23	<10	0.91	274	16	0.01	17	1090	36	<5	<20	35	0.18	<10	136	<10	<1	49
62	5000N 180 W	<5	0.2	1.74	<5	550	<5	0.58	1	15	69	157	5.03	<10	1.05	281	15	0.01	22	780	32	<5	<20	54	0.08	<10	115	<10	<1	52
63	5000N 190 W	<5	0.4	1.79	<5	450	<5	0.65	<1	14	124	206	4.75	<10	1.53	235	12	0.02	26	840	50	<5	<20	57	0.16	<10	141	<10	1	57
64	5000N 200 W	15	0.2	1.49	<5	500	<5	0.81	<1	15	50	144	4.61	<10	0.89	398	13	0.01	21	720	24	<5	<20	71	0.08	<10	103	<10	<1	43
65	5000N 210 W	<5	0.4	2.27	<5	380	<5	0.76	<1	22	69	176	6.29	<10	1.15	656	14	0.01	30	630	58	<5	<20	48	0.09	<10	128	<10	<1	57
66	5000N 220 W	15	<0.2	2.06	15	235	<5	0.74	<1	26	65	186	5.70	<10	1.27	627	13	0.02	30	790	34	<5	<20	52	0.11	<10	115	<10	1	43
67	5000N 230 W	5	0.6	1.97	15	450	<5	0.93	<1	25	105	175	5.48	<10	1.56	736	12	0.02	38	1010	32	<5	<20	46	0.11	<10	112	<10	3	50
68	5000N 240 W	15	0.6	2.12	10	655	<5	0.90	<1	29	97	178	6.01	<10	1.49	903	13	0.02	39	890	34	<5	<20	46	0.10	<10	116	<10	1	62
69	5000N 250 W	10	0.8	2.30	10	430	<5	0.94	<1	29	97	244	6.06	<10	1.67	746	13	0.02	39	1060	36	<5	<20	46	0.12	<10	122	<10	4	56
70	5000N 260 W	90	1.4	2.22	<5	635	<5	1.10	2	59	72	741	8.89	20	1.78	1561	28	0.02	35	1460	58	<5	<20	53	0.14	<10	149	<10	8	87
71	5000N 270 W	10	1.0	1.94	15	620	<5	0.93	<1	27	66	423	6.01	10	1.73	828	15	0.02	27	1200	46	<5	<20	49	0.14	<10	122	<10	7	70
72	5000N 280 W	35	0.6	2.26	<5	605	<5	0.98	<1	32	176	558	6.81	30	2.86	912	34	0.02	40	1700	120	<5	<20	56	0.25	<10	152	<10	7	126
73	5000N 290 W	80	5.2	2.46	<5	385	<5	0.89	2	39	201	567	9.10	10	2.74	1086	228	0.01	54	2110	1384	<5	<20	55	0.19	<10	166	<10	7	339
74	5000N 300 W	<5	0.2	2.02	<5	845	<5	0.27	<1	15	39	269	7.11	<10	1.81	405	17	0.01	9	680	62	<5	<20	28	0.31	<10	169	<10	<1	69
75	5000N 310 W	<5	<0.2	1.82	<5	440	<5	0.79	<1	16	41	224	6.02	<10	2.01	797	58	0.01	11	1560	178	<5	<20	66	0.22	<10	141	<10	1	79
76	5000N 320 W	20	<0.2	1.80	<5	350	<5	0.30	<1	18	26	310	6.92	<10	1.71	433	8	0.02	8	1030	50	<5	<20	63	0.39	<10	158	<10	1	65
77	5000N 330 W	<5	0.4	1.92	10	230	<5	0.49	<1	17	43	177	5.31	<10	1.09	429	18	0.01	20	1310	38	<5	<20	52	0.10	<10	118	<10	<1	54
78	5000N 340 W	<5	0.2	1.66	15	195	<5	0.46	<1	15	33	160	4.73	<10	0.81	284	20	0.01	16	1090	30	<5	<20	46	0.10	<10	107	<10	<1	43
79	5000N 350 W	30	0.6	1.68	15	215	<5	0.26	<1	13	27	166	4.61	<10	0.60	256	26	0.01	11	810	32	<5	<20	36	0.04	<10	104	<10	<1	43
80	5000N 360 W	<5	0.8	1.40	35	120	<5	0.37	<1	14	25	201	4.91	<10	0.61	196	27	0.01	11	980	32	<5	<20	27	0.06	<10	105	20	<1	30
81	5000N 370 W	10	0.2	1.67	10	130	<5	0.23	<1	16	37	105	5.69	<10	0.55	283	17	0.01	14	810	36	<5	<20	24	0.19	<10	128	<10	<1	50
82	5000N 380 W	40	0.4	1.50	10	390	<5	0.59	<1	16	33	174	5.09	<10	0.71	973	24	0.01	15	1570	30	<5	<20	56	0.10	<10	115	20	<1	55
83	5000N 390 W	55	0.6	1.12	10	220	<5	0.31	<1	11	25	111	4.11	<10	0.34	157	18	<0.01	10	680	26	<5	<20	41	0.10	<10	107	<10	<1	31
84	5000N 400 W	<5	0.2	1.12	<5	300	<5	0.44	<1	12	25	105	3.85	<10	0.39	183	19	<0.01	10	620	24	<5	<20	44	0.10	<10	100	<10	<1	32
85	5050N 250 W	5	0.4	1.98	<5	1030	<5	0.66	<1	18	96	269	6.49	<10	1.86	390	16	0.01	29	770	36	<5	<20	60	0.20	<10	163	<10	<1	48
86	5050N 275 W	<5	0.4	2.06	10	640	<5	0.79	<1	27	55	222	6.09	10	1.38	962	16	0.01	25	750	30	<5	<20	38	0.10	<10	117	<10	9	53
87	5050N 300 W	40	0.8	2.14	<5	830	<5	1.37	<1	30	103	275	6.27	<10	1.83	1129	11	0.01	42	1140	26	<5	<20	48	0.17	<10	128	<10	5	51
88	5050N 325 W	50	1.0	2.68	<5	205	<5	1.12	1	89	156	407	>10	10	2.42	2674	26	0.01	81	1990	28	<5	<20	47	0.11	<10	122	<10	13	50
89	5050N 350 W	<5	0.2	3.30	<5	775	<5	0.65	<1	39	286	323	7.46	10	3.62	994	5	0.02	125	1140	30	<5	<20	41	0.30	<10	171	<10	5	60
90	5050N 375 W	<5	<0.2	2.49	<5	360	<5	1.02	<1	28	130	152	6.46	<10	2.56	615	4	0.02	52	730	24	<5	<20	35	0.26	<10	153	<10	<1	40
91	5050N 400 W	<5	0.6	1.75	25	160	<5	0.49	<1	15	29	216	4.94	<10	0.73	239	28	0.01	13	1360	40	<5	<20	36	0.04	<10	100	10	<1	34
92	5050N 425 W	80	0.2	2.13	15	335	<5	0.67	<1	25	48	309	5.66	<10	1.18	590	17	0.02	24	940	40	<5	<20	73	0.10	<10	108	<10	4	50
93	5050N 450 W	<5	0.4	1.93	5	185	<5	0.76	<1	20	46	224	5.32	<10	1.08	423	18	0.01	21	1070	26	<5	<20	48	0.10	<10	110	<10	<1	40
94	5050N 475 W	20	0.4	2.53	10	375	<5	0.33	<1	26	52	190	6.50	<10	1.90	499	12	0.01	23	720	30	<5	<20	36	0.19	<10	137	<10	2	38
95	5050N 500 W	325	1.2	0.63	<5	210	<5	0.44	<1	22	5	312	>10	<10	0.19	172	25	0.06	7	1190	10	<5	<20	118	0.21	<10	114	<10	<1	21

CANAMERA GEOLOGICAL LTD. ICP CERTIFICATE OF ANALYSIS - AK96-1038 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
96	5050N 525 W	<5	0.6	2.10	<5	235	<5	0.73	<1	21	56	130	6.04	<10	1.10	365	11	0.01	25	500	32	<5	<20	40	0.09	<10	128	<10	<1	43
97	5050N 550 W	<5	0.8	2.19	5	235	<5	0.60	<1	23	57	165	5.68	<10	1.20	358	12	0.01	28	470	34	<5	<20	42	0.08	<10	116	<10	<1	43
98	5100N 0 E	5	1.2	1.97	25	755	<5	1.13	2	37	93	181	7.07	<10	1.30	944	12	0.01	52	1140	28	<5	<20	41	0.04	<10	101	<10	<1	98
99	5100N 10 E	5	0.8	1.82	25	550	<5	1.71	<1	25	69	154	5.09	<10	1.12	1259	10	0.01	35	1240	26	<5	<20	43	0.03	<10	86	<10	4	53
100	5100N 20 E	<5	0.8	2.02	15	295	<5	1.09	<1	23	169	144	5.71	<10	1.59	528	10	0.01	63	680	26	<5	<20	35	0.06	<10	108	<10	<1	50
101	5100N 30 E	<5	<0.2	2.05	5	415	<5	1.00	<1	38	40	282	9.06	<10	1.23	674	21	0.01	25	1180	38	<5	<20	47	0.04	<10	141	<10	<1	39
102	5100N 40 E	<5	0.4	2.09	10	490	<5	0.97	<1	30	64	244	7.41	<10	1.33	783	16	0.01	31	1040	32	<5	<20	54	0.05	<10	115	<10	<1	50
103	5100N 50 E	80	0.6	1.87	10	300	<5	0.68	<1	29	90	158	6.53	<10	1.28	750	12	0.03	36	1080	32	<5	<20	53	0.05	<10	106	<10	<1	76
104	5100N 60 E	<5	1.0	1.15	<5	700	<5	1.37	3	32	33	133	4.18	<10	0.59	1488	13	0.01	22	1200	34	<5	<20	74	0.04	<10	88	<10	<1	98
105	5100N 70 E	<5	1.0	2.38	<5	275	<5	0.71	<1	73	79	304	6.03	<10	1.48	1227	21	0.01	31	1750	50	<5	<20	74	0.03	<10	96	<10	<1	46
106	5100N 80 E	<5	0.4	2.09	<5	240	<5	1.01	<1	20	131	228	5.17	<10	1.44	379	19	0.01	36	830	66	<5	<20	75	0.08	<10	119	<10	<1	36
107	5100N 90 E	10	0.8	1.97	20	260	<5	0.41	<1	18	35	220	5.90	<10	0.95	214	28	0.01	14	910	58	<5	<20	74	0.05	<10	136	<10	<1	37
108	5100N 100 E	40	0.4	2.03	25	135	<5	0.27	<1	14	32	255	5.41	<10	0.87	253	28	0.01	14	860	122	<5	<20	43	0.05	<10	121	10	<1	46
109	5100N 10 W	45	0.6	1.86	25	410	<5	1.44	<1	31	86	194	6.47	<10	1.30	748	12	0.01	55	1110	28	<5	<20	51	0.05	<10	93	<10	4	72
110	5100N 20 W	20	1.6	1.42	10	465	<5	2.50	<1	27	99	158	5.35	<10	1.17	999	14	0.01	61	1580	20	<5	<20	92	0.03	<10	70	<10	3	67
111	5100N 30 W	125	1.4	1.27	30	160	<5	1.14	1	35	54	182	8.00	<10	0.65	1020	32	0.01	52	740	50	<5	<20	70	<0.01	<10	51	<10	4	78
112	5100N 40 W	30	1.0	2.09	10	460	<5	0.68	2	32	98	414	7.38	10	1.21	709	24	0.01	47	1770	56	<5	<20	59	0.08	<10	118	<10	3	265
113	5100N 50 W	105	2.4	1.35	20	235	<5	0.64	2	33	56	533	>10	<10	0.75	881	50	<0.01	36	1100	56	<5	<20	45	0.03	<10	87	<10	<1	188
114	5100N 60 W	<5	<0.2	0.09	<5	30	<5	>10	6	2	4	41	0.35	<10	0.46	52	<1	<0.01	3	320	<2	10	<20	1055	<0.01	<10	4	<10	<1	175
115	5100N 70 W	85	0.6	1.62	<5	365	<5	1.09	1	36	51	324	7.32	10	1.15	825	29	<0.01	33	1980	26	<5	<20	41	0.08	<10	93	<10	12	154
116	5100N 80 W	30	0.6	1.39	<5	595	<5	0.96	1	23	55	219	5.46	<10	1.16	665	13	0.01	21	1040	30	<5	<20	55	0.14	<10	106	<10	2	64
117	5100N 90 W	20	0.4	1.38	<5	750	<5	1.22	<1	22	49	237	5.35	<10	1.06	821	12	0.02	20	1150	28	<5	<20	52	0.14	<10	109	<10	3	65
118	5100N 100 W	80	0.8	1.46	10	325	<5	0.38	<1	12	58	115	4.82	<10	0.68	261	17	0.01	20	700	48	<5	<20	35	0.05	<10	106	<10	<1	52
119	5100N 110 W	45	0.6	1.51	5	390	<5	0.64	<1	17	64	142	4.71	<10	1.06	401	13	0.02	25	810	42	<5	<20	55	0.10	<10	104	<10	<1	49
120	5100N 120 W	70	0.4	1.57	10	320	<5	0.52	<1	18	53	142	5.52	<10	1.04	483	17	0.01	21	640	44	<5	<20	38	0.09	<10	115	<10	<1	57
121	5100N 130 W	40	0.2	1.72	<5	535	<5	0.47	<1	27	38	106	8.05	<10	1.55	611	21	0.01	19	800	28	<5	<20	33	0.12	<10	172	<10	<1	46
122	5100N 140 W	20	0.2	2.35	<5	630	<5	0.60	1	53	85	142	9.62	<10	2.34	979	22	0.01	24	880	26	<5	<20	44	0.21	<10	186	<10	<1	56
123	5100N 150 W	90	3.6	2.07	<5	240	35	0.97	<1	37	183	136	>10	<10	1.96	1035	166	0.01	67	860	122	<5	<20	79	0.15	<10	164	<10	<1	99
124	5100N 160 W	60	0.6	2.86	<5	645	<5	1.72	1	52	323	179	8.76	<10	3.22	2224	35	0.03	89	1110	24	<5	<20	67	0.19	<10	174	<10	<1	107
125	5100N 170 W	145	0.8	1.73	<5	310	<5	0.93	1	49	101	293	8.59	<10	1.48	1805	61	0.02	40	1310	26	<5	<20	70	0.12	<10	130	<10	6	73
126	5100N 180 W	15	0.6	2.29	<5	610	<5	0.95	2	42	93	143	8.90	<10	2.37	1818	22	0.01	34	1010	24	<5	<20	48	0.22	<10	182	<10	1	84
127	5100N 190 W	<5	<0.2	2.28	<5	565	<5	0.97	2	31	182	119	8.20	<10	2.60	2169	21	0.03	64	710	26	<5	<20	63	0.22	<10	151	<10	<1	68
128	5100N 200 W	15	0.2	2.32	<5	490	<5	0.61	1	36	44	182	9.64	<10	2.15	978	31	0.01	15	960	32	<5	<20	42	0.16	<10	195	<10	<1	82
129	5100N 210 W	15	0.6	1.79	<5	730	<5	0.71	1	23	62	134	6.55	<10	1.38	799	12	0.01	26	880	24	<5	<20	40	0.12	<10	139	<10	<1	62
130	5100N 220 W	60	0.8	2.30	<5	945	<5	0.83	<1	37	122	172	8.38	<10	1.60	1113	14	0.01	53	610	38	<5	<20	41	0.15	<10	157	<10	2	64

CANAMERA GEOLOGICAL LTD. ICP CERTIFICATE OF ANALYSIS - AK96-1038 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
131	5100N 230 W	15	0.4	2.04	<5	675	<5	0.75	<1	40	79	131	>10	<10	1.79	1012	14	<0.01	30	660	16	<5	<20	29	0.20	<10	188	<10	<1	49
132	5100N 240 W	40	0.6	1.64	<5	770	<5	0.89	<1	19	88	205	6.24	<10	1.39	553	16	0.02	29	950	26	<5	<20	58	0.17	<10	139	<10	<1	49
133	5100N 250 W	10	<0.2	2.60	<5	760	<5	0.87	1	38	227	182	7.48	<10	3.40	911	5	0.01	63	660	24	<5	<20	39	0.33	<10	194	<10	<1	48
134	5100N 260 W	<5	0.4	2.19	<5	650	<5	0.89	2	31	121	182	6.39	<10	1.88	929	9	0.02	46	800	42	<5	<20	39	0.19	<10	138	<10	<1	111
135	5100N 270 W	<5	0.4	1.90	5	545	<5	0.77	<1	28	79	183	6.00	<10	1.54	848	10	0.01	28	680	40	<5	<20	38	0.17	<10	129	<10	<1	57
136	5100N 280 W	10	0.4	1.98	<5	820	<5	0.92	<1	19	89	189	6.28	<10	1.66	470	9	0.02	30	610	30	<5	<20	60	0.23	<10	149	<10	<1	47
137	5100N 290 W	15	0.4	1.95	<5	265	<5	3.15	<1	28	53	209	5.75	<10	1.71	894	5	0.03	27	1590	22	<5	<20	59	0.19	<10	116	<10	6	59
138	5100N 300 W	210	0.8	2.14	<5	605	<5	1.09	<1	36	93	272	7.57	<10	1.81	1099	14	0.02	40	960	38	<5	<20	48	0.17	<10	140	<10	8	70
139	5100N 310 W	315	3.6	1.64	<5	375	<5	1.27	<1	33	83	446	7.28	<10	1.45	1057	47	0.02	36	1200	250	<5	<20	48	0.11	<10	110	<10	4	69
140	5100N 320 W	20	0.4	2.34	<5	555	<5	0.68	<1	29	142	207	7.05	<10	2.31	866	7	0.02	48	930	42	<5	<20	39	0.28	<10	148	<10	2	69
141	5100N 330 W	<5	1.4	1.25	<5	520	<5	2.19	1	17	79	133	4.12	<10	1.04	1457	11	0.01	32	640	26	<5	<20	47	0.10	<10	86	<10	<1	36
142	5100N 340 W	<5	0.8	1.39	<5	280	<5	1.65	<1	20	42	154	4.44	<10	0.89	749	12	0.02	21	1170	28	<5	<20	48	0.06	<10	88	<10	2	41
143	5100N 350 W	<5	0.2	1.96	<5	240	<5	1.19	<1	30	89	168	5.74	<10	1.51	800	11	0.02	36	1020	30	<5	<20	45	0.13	<10	121	<10	<1	53
144	5100N 360 W	<5	<0.2	2.13	<5	495	<5	0.68	<1	22	131	118	6.17	<10	1.71	397	9	0.02	45	410	38	<5	<20	38	0.14	<10	142	<10	<1	42
145	5100N 370 W	5	<0.2	1.75	<5	290	<5	0.71	<1	20	73	154	6.02	<10	1.34	349	10	0.01	27	640	30	<5	<20	34	0.10	<10	135	<10	<1	42
146	5100N 380 W	<5	0.6	1.45	<5	225	<5	0.63	<1	18	31	174	4.94	<10	0.82	514	16	0.01	14	680	30	<5	<20	49	0.08	<10	107	<10	<1	35
147	5100N 390 W	5	0.4	1.45	<5	420	<5	0.55	<1	15	32	146	4.94	<10	0.70	283	17	0.01	16	660	30	<5	<20	57	0.09	<10	118	<10	<1	35
148	5100N 400 W	<5	<0.2	1.71	10	345	<5	0.49	<1	18	40	168	5.47	<10	0.92	350	16	0.01	20	640	30	<5	<20	54	0.10	<10	125	<10	<1	42

CANAMERA GEOLOGICAL LTD. ICP CERTIFICATE OF ANALYSIS - AK96-1038 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
1	550	<5	1.6	0.78	5	90	<5	4.47	1	16	22	601	1.02	30	0.29	1193	5	0.03	51	2990	4	<5	<20	154	<0.01	<10	14	<10	27	47
10	2330N 1060 E	<5	<0.2	1.23	<5	130	<5	0.49	<1	21	59	34	4.92	<10	0.63	1749	5	0.04	17	840	14	<5	<20	22	0.08	<10	122	<10	<1	52
19	3800N 825 E	<5	0.4	2.10	<5	225	5	0.46	<1	16	44	92	4.78	<10	1.00	325	53	0.02	19	610	20	<5	<20	18	0.17	<10	145	<10	<1	51
28	3800N 1050 E	<5	0.4	2.35	10	240	<5	1.13	<1	30	68	149	5.77	<10	1.33	611	7	0.02	30	1110	26	<5	<20	25	0.14	<10	140	<10	2	78
36	5000N 20 E	150	2.8	2.48	<5	90	<5	0.81	<1	53	77	904	>10	<10	1.47	1085	34	0.13	52	2330	20	<5	<20	151	0.07	<10	116	<10	9	71
45	5000N 10 W	320	6.0	1.63	1065	415	<5	1.23	87	30	69	731	7.37	10	1.02	809	80	0.02	58	2050	4032	<5	<20	51	0.05	<10	97	<10	14	7581
54	5000N 100 W	35	1.6	2.12	<5	720	<5	0.54	<1	33	63	636	8.25	<10	1.95	1117	27	0.01	20	1350	50	<5	<20	34	0.21	<10	162	<10	4	71
63	5000N 190 W	<5	0.2	1.77	<5	440	<5	0.66	1	15	121	203	4.66	<10	1.50	237	12	0.02	26	830	50	<5	<20	57	0.16	<10	140	<10	2	56
71	5000N 270 W	20	1.2	2.04	5	605	<5	0.99	<1	30	70	442	6.36	10	1.81	897	14	0.02	29	1280	48	<5	<20	46	0.15	<10	128	<10	6	76
80	5000N 360 W	<5	0.4	1.41	20	125	<5	0.38	<1	15	27	201	5.02	<10	0.61	228	27	0.01	12	990	32	<5	<20	29	0.07	<10	106	<10	<1	30
89	5050N 350 W	<5	0.2	3.38	<5	790	<5	0.66	<1	40	292	329	7.60	20	3.73	1013	5	0.02	126	1160	30	<5	<20	43	0.31	<10	175	<10	4	61
98	5100N 0 E	10	1.2	1.97	25	760	<5	1.14	2	36	92	182	7.06	<10	1.29	953	12	0.01	55	1150	30	<5	<20	40	0.04	<10	100	<10	<1	99
106	5100N 80 E	<5	0.6	2.09	10	230	<5	1.10	<1	19	129	229	5.14	<10	1.45	373	18	0.01	36	850	62	<5	<20	86	0.08	<10	119	<10	<1	39
115	5100N 70 W	95	0.8	1.58	<5	350	<5	0.96	2	34	50	311	7.27	10	1.14	788	30	<0.01	32	1930	24	<5	<20	41	0.08	<10	92	<10	11	151
124	5100N 160 W	160	0.4	2.80	<5	670	<5	1.73	1	50	314	174	8.47	<10	3.14	2209	34	0.03	89	1110	24	<5	<20	68	0.19	<10	170	<10	<1	103
133	5100N 250 W	10	<0.2	2.64	<5	765	<5	0.87	<1	39	229	185	7.65	<10	3.46	908	5	0.01	61	680	24	<5	<20	36	0.34	<10	198	<10	<1	48
141	5100N 330 W	<5	1.6	1.27	<5	525	<5	2.21	1	18	80	133	4.14	<10	1.04	1453	10	0.01	32	650	26	<5	<20	48	0.10	<10	87	<10	<1	46
Standard:																														
GEO'96		150	1.6	1.99	60	150	<5	1.96	<1	21	68	79	4.05	<10	1.09	755	<1	0.02	25	780	26	<5	<20	53	0.14	<10	88	<10	3	66
GEO'96		140	0.8	1.97	65	160	<5	1.95	<1	20	69	80	4.06	<10	1.08	757	<1	0.02	24	790	24	<5	<20	59	0.13	<10	87	<10	3	66
GEO'96		150	1.6	1.85	60	165	<5	1.88	<1	20	65	74	4.26	<10	1.03	729	<1	0.02	23	740	24	<5	<20	62	0.13	<10	81	<10	4	68
GEO'96		145	1.8	1.92	60	160	<5	1.90	<1	20	68	77	4.38	<10	1.09	739	<1	0.02	24	740	22	<5	<20	56	0.14	<10	86	<10	3	69
GEO'96		150	1.8	1.95	60	150	<5	1.92	<1	20	66	78	4.34	<10	1.08	751	<1	0.02	23	770	26	<5	<20	55	0.14	<10	86	<10	4	76

dl/1038/1038A/1038B
XLS/96Canamera

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

2-Oct-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS - AK96-1098

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION:D.BRIDGE

No. of samples:15
Sample Type:SAND
PROJECT #: 0048
SHIPMENT #:19
P.O. #: 5449
Samples submitted by: DANE BRIDGE

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	% HM (Non-Mag)
1	H270	<5	<0.2	0.50	<5	160	15	0.87	2	84	52	37	>10	<10	2.15	3944	18	0.01	133	460	12	<5	<20	33	0.14	<10	176	<10	<1	201	3.88
2	H271	<5	0.2	0.60	<5	110	15	1.15	4	90	58	91	>10	<10	2.44	2259	32	0.01	178	430	28	<5	<20	216	0.30	<10	147	<10	<1	201	0.76
3	H272	<5	<0.2	0.53	<5	200	25	0.97	4	85	51	36	>10	<10	1.80	4110	20	0.02	106	500	10	<5	<20	41	0.14	<10	175	<10	<1	203	7.77
4	H273	<5	<0.2	0.56	<5	255	10	1.14	4	82	61	56	>10	<10	2.32	3757	14	0.01	132	570	8	<5	<20	39	0.21	<10	179	<10	<1	196	5.14
5	H274	<5	<0.2	0.44	<5	180	15	1.03	2	85	52	34	>10	<10	2.32	3859	19	0.01	145	620	12	<5	<20	31	0.16	<10	181	<10	<1	211	6.19
6	H275	<5	<0.2	0.47	<5	925	10	1.89	1	10	33	9	>10	20	0.13	632	7	<0.01	7	6060	8	<5	<20	31	0.04	<10	197	<10	<1	40	3.13
7	H276	<5	<0.2	0.44	<5	2160	15	1.89	2	10	46	29	>10	<10	0.08	1596	11	<0.01	6	5910	12	<5	<20	45	0.11	<10	329	<10	<1	49	0.90
8	H277	<5	0.4	0.89	35	190	<5	1.32	<1	33	152	447	7.87	<10	0.88	765	11	0.02	42	1250	50	<5	<20	36	0.10	<10	147	10	<1	67	2.95
9	H278	10	<0.2	1.23	10	410	<5	1.65	<1	20	150	39	3.59	<10	1.62	365	<1	0.03	85	840	6	<5	<20	83	0.15	<10	90	<10	<1	29	2.99
10	H279	<5	<0.2	0.51	<5	290	30	0.84	5	121	1	50	>10	<10	0.56	5315	32	<0.01	56	90	6	<5	<20	23	0.04	<10	251	<10	<1	416	2.04
11	H280	<5	<0.2	0.39	<5	240	20	0.79	5	116	3	34	>10	<10	0.79	5598	30	<0.01	67	<10	6	<5	<20	23	0.04	<10	215	<10	<1	380	4.33
12	H281	<5	<0.2	0.46	<5	270	30	0.80	5	113	10	36	>10	<10	1.23	5209	27	<0.01	84	270	14	<5	<20	29	0.07	<10	200	<10	<1	331	9.71
13	H282	<5	<0.2	0.48	<5	250	25	0.75	5	112	10	34	>10	<10	1.02	5384	27	<0.01	78	110	12	<5	<20	33	0.07	<10	198	<10	<1	333	8.15
14	H283	<5	<0.2	0.87	<5	275	<5	1.19	1	31	11	76	>10	<10	0.61	843	3	<0.01	5	3110	10	<5	<20	56	0.16	<10	283	<10	3	60	4.65
15	H284	<5	<0.2	0.33	<5	890	5	1.65	2	12	25	20	>10	<10	0.09	902	8	<0.01	6	4370	32	<5	<20	36	0.05	<10	211	<10	<1	44	2.05
QC DATA:																															
Repeat:																															
1	H270	-	<0.2	0.52	<5	175	15	0.98	3	89	60	42	>10	<10	2.37	3949	16	0.01	141	530	10	<5	<20	34	0.18	<10	185	<10	<1	203	-
Standard:																															
GEO 96		150	1.2	1.91	65	165	<5	1.94	<1	23	70	75	4.06	<10	1.02	720	<1	0.02	22	770	20	<5	<20	59	0.18	<10	84	<10	5	85	-

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/HM1098
XLS/96Canamera#2
fax@847-6184/d.bridge

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: CANAMERA GEOLOGICAL LTD.
ATTN: DAVID AWRAM
220 CAMBIE ST., SUITE 650
VANCOUVER, BC
V6B 2M9

A9632222

Comments: ATTN:DAVE BRIDGE

CERTIFICATE A9632222

(KBOA) - CANAMERA GEOLOGICAL LTD.

Project: 0048
P.O. # : 8033

Samples submitted to our lab in Vancouver, BC.
This report was printed on 21-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
208	5	Assay ring to approx 150 mesh
226	5	0-3 Kg crush and split
3202	5	Rock - save entire reject
285	5	ICP - HF digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
999	5	Au g/t: 1 assay ton, AA finish	FA-AAS	0.03	150.00
386	5	Ag g/t: Conc. Nitric-HCL dig'n	AAS	0.3	350
578	5	Ag ppm: 24 element, rock & core	AAS	0.2	100.0
573	5	Al %: 24 element, rock & core	ICP-AES	0.01	25.0
565	5	Ba ppm: 24 element, rock & core	ICP-AES	10	10000
575	5	Be ppm: 24 element, rock & core	ICP-AES	0.5	1000
561	5	Bi ppm: 24 element, rock & core	ICP-AES	2	10000
576	5	Ca %: 24 element, rock & core	ICP-AES	0.01	25.0
562	5	Cd ppm: 24 element, rock & core	ICP-AES	0.5	500
563	5	Co ppm: 24 element, rock & core	ICP-AES	1	10000
569	5	Cr ppm: 24 element, rock & core	ICP-AES	1	10000
577	5	Cu ppm: 24 element, rock & core	ICP-AES	1	10000
566	5	Fe %: 24 element, rock & core	ICP-AES	0.01	25.0
584	5	K %: 24 element, rock & core	ICP-AES	0.01	10.00
570	5	Mg %: 24 element, rock & core	ICP-AES	0.01	15.00
568	5	Mn ppm: 24 element, rock & core	ICP-AES	5	10000
554	5	Mo ppm: 24 element, rock & core	ICP-AES	1	10000
583	5	Na %: 24 element, rock & core	ICP-AES	0.01	10.00
564	5	Ni ppm: 24 element, rock & core	ICP-AES	1	10000
559	5	P ppm: 24 element, rock & core	ICP-AES	10	10000
560	5	Pb ppm: 24 element, rock & core	AAS	2	10000
582	5	Sr ppm: 24 element, rock & core	ICP-AES	1	10000
579	5	Ti %: 24 element, rock & core	ICP-AES	0.01	10.00
572	5	V ppm: 24 element, rock & core	ICP-AES	1	10000
556	5	W ppm: 24 element, rock & core	ICP-AES	10	10000
558	5	Zn ppm: 24 element, rock & core	ICP-AES	2	10000

Chemex Labs Ltd.

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

To: CANAMERA GEOLOGICAL LTD.
ATTN: DAVID AWRAM
220 CAMBIE ST., SUITE 650
VANCOUVER, BC
V6B 2M9

Project : 0048
Comments: ATTN:DAVE BRIDGE

Page Number : 1-A
Total Pages : 1
Certificate Date: 21-SEP-96
Invoice No. : 19632222
P.O. Number : 8033
Account : KBOA

CERTIFICATE OF ANALYSIS A9632222

SAMPLE	PREP CODE		Au g/t	Ag g/t	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)
9630	208	226	< 0.03	< 0.3	< 0.2	7.90	1090	4.0	< 2	1.66	< 0.5	10	24	18	6.94	1.40
9631	208	226	< 0.03	< 0.3	< 0.2	8.08	1130	3.5	< 2	1.61	< 0.5	9	26	14	5.44	1.41
9632	208	226	0.03	< 0.3	< 0.2	7.90	1110	4.0	< 2	1.41	< 0.5	8	7	13	5.30	1.40
9633	208	226	< 0.03	< 0.3	< 0.2	7.92	1010	4.0	< 2	1.50	< 0.5	8	6	11	5.52	1.27
9634	208	226	0.05	< 0.3	< 0.2	8.17	860	4.0	< 2	1.59	< 0.5	8	16	11	4.07	1.09

CERTIFICATION: Stuart Bichler

Chemex Labs Ltd.

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

To: CANAMERA GEOLOGICAL LTD.
ATTN: DAVID AWRAM
220 CAMBIE ST., SUITE 650
VANCOUVER, BC
V6B 2M9

Project : 0048
Comments: ATTN:DAVE BRIDGE

Page Number :1-B
Total Pages :1
Certificate Date: 21-SEP-96
Invoice No. :I9632222
P.O. Number :8033
Account :KBOA

CERTIFICATE OF ANALYSIS A9632222

SAMPLE	PREP CODE		Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)		
9630	208	226	0.41	2320	5	1.04	2	1240	16	314	0.59	24	< 10	200		
9631	208	226	0.38	1525	6	1.01	1	1240	14	300	0.60	21	< 10	110		
9632	208	226	0.36	1545	5	0.85	2	1180	18	268	0.57	18	< 10	110		
9633	208	226	0.33	1630	6	0.92	1	1220	10	303	0.58	19	< 10	88		
9634	208	226	0.29	1075	5	1.02	3	1230	8	329	0.61	20	< 10	60		

CERTIFICATION: Ivan J. Bridden

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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CERTIFICATE OF ANALYSIS A9632222

SAMPLE	PREP CODE		Au g/t	Ag g/t	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)
9630	208	226	< 0.03	< 0.3	< 0.2	7.90	1090	4.0	< 2	1.66	< 0.5	10	24	18	6.94	1.40
9631	208	226	< 0.03	< 0.3	< 0.2	8.08	1130	3.5	< 2	1.61	< 0.5	9	26	14	5.44	1.41
9632	208	226	0.03	< 0.3	< 0.2	7.90	1110	4.0	< 2	1.41	< 0.5	8	7	13	5.30	1.40
9633	208	226	< 0.03	< 0.3	< 0.2	7.92	1010	4.0	< 2	1.50	< 0.5	8	6	11	5.52	1.27
9634	208	226	0.05	< 0.3	< 0.2	8.17	860	4.0	< 2	1.59	< 0.5	8	16	11	4.07	1.09

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: CANAMERA GEOLOGICAL LTD.
ATTN: DAVID AWRAM
220 CAMBIE ST., SUITE 650
VANCOUVER, BC
V6B 2M9

Project : 0048
Comments: ATTN:DAVE BRIDGE

Page Number :1-B
Total Pages :1
Certificate Date: 21-SEP-96
Invoice No. :19632222
P.O. Number :8033
Account :KBOA

CERTIFICATE OF ANALYSIS A9632222

SAMPLE	PREP CODE		Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	P ppm (ICP)	Pb ppm AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	W ppm (ICP)	Zn ppm (ICP)		
9630	208	226	0.41	2320	5	1.04	2	1240	16	314	0.59	24	< 10	200		
9631	208	226	0.38	1525	6	1.01	1	1240	14	300	0.60	21	< 10	110		
9632	208	226	0.36	1545	5	0.85	2	1180	18	268	0.57	18	< 10	110		
9633	208	226	0.33	1630	6	0.92	1	1220	10	303	0.58	19	< 10	88		
9634	208	226	0.29	1075	5	1.02	3	1230	8	329	0.61	20	< 10	60		

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: CANAMERA GEOLOGICAL LTD.

220 CAMBIE ST., SUITE 650
VANCOUVER, BC
V6B 2M9

A9631186

Comments: ATTN:DAVE ANRAM CC:D.BRIDGE

CERTIFICATE A9631186

(KBO) - CANAMERA GEOLOGICAL LTD.

Project: 0048
P.O. # : 8032

Samples submitted to our lab in Vancouver, BC.
This report was printed on 13-SEP-96.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
258	11	RUSH Assay ring approx 150 mesh
295	11	RUSH crush and split (0-3 Kg)
3202	11	Rock - save entire reject
290	11	Assay HF ICP digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
916	11	Au oz/T: RUSH, 1 assay ton	FA-AAS	0.001	5.000
980	11	Ag oz/T: RUSH, aqua regia digest	AAS	0.01	10.00
1263	11	Ag ppm: high grade 24 element	AAS	0.5	200
4031	11	Al %: A22 ICP package	ICP-AES	0.05	30.0
4032	11	Ba ppm: A22 ICP package	ICP-AES	100	50000
4033	11	Be ppm: A22 ICP package	ICP-AES	10	10000
4034	11	Bi ppm: A22 ICP package	ICP-AES	20	50000
4035	11	Ca %: A22 ICP package	ICP-AES	0.05	30000
4036	11	Cd ppm: A22 ICP package	ICP-AES	10	10000
4037	11	Co ppm: A22 ICP package	ICP-AES	10	100000
4038	11	Cr ppm: A22 ICP package	ICP-AES	10	100000
4039	11	Cu ppm: A22 ICP package	ICP-AES	10	100000
4040	11	Fe %: A22 ICP package	ICP-AES	0.05	30.0
4041	11	K %: A22 ICP package	ICP-AES	0.1	20.0
4042	11	Mg %: A22 ICP package	ICP-AES	0.05	30.0
4043	11	Mn ppm: A22 ICP package	ICP-AES	10	100000
4044	11	Mo ppm: A22 ICP package	ICP-AES	10	100000
4045	11	Na %: A22 ICP package	ICP-AES	0.05	20.0
4046	11	Ni ppm: A22 ICP package	ICP-AES	10	100000
4075	11	Pb %: high grade 24 element	AAS	0.001	10.00
4047	11	Sr ppm: A22 ICP package	ICP-AES	10	100000
4048	11	Ti %: A22 ICP package	ICP-AES	0.05	20.0
4049	11	V ppm: A22 ICP package	ICP-AES	10	50000
4050	11	Zn ppm: A22 ICP package	ICP-AES	20	100000

Chemex Labs Ltd.

*Analytical Chemists * Geochemists * Registered Assayers*

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: CANAMERA GEOLOGICAL LTD.

220 CAMBIE ST., SUITE 650
VANCOUVER, BC
V6B 2M9

Project : 0048
Comments: ATTN:DAVE ANRAM CC:D.BRIDGE

Page Number :1-A
Total Pages :1
Certificate Date: 13-SEP-96
Invoice No. :I9631186
P.O. Number :8032
Account :KBO

CERTIFICATE OF ANALYSIS A9631186

SAMPLE	PREP CODE		Au oz/T RUSH	Ag oz/T RUSH	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)
9619	258	295	< 0.001	< 0.01	< 1.0	10.65	1800	< 10	< 20	0.45	< 10	< 10	50	20	0.65	4.0
9620	258	295	< 0.001	< 0.01	< 1.0	10.45	1800	< 10	< 20	0.45	< 10	< 10	30	10	0.70	4.2
9621	258	295	< 0.001	< 0.01	< 1.0	6.95	< 100	10	< 20	0.10	< 10	< 10	30	10	1.30	3.9
9622	258	295	< 0.001	< 0.01	1.0	7.00	< 100	10	< 20	0.15	< 10	< 10	30	10	1.45	3.8
9623	258	295	< 0.001	< 0.01	< 1.0	6.85	< 100	10	< 20	0.05	< 10	< 10	40	10	1.45	3.8
9624	258	295	< 0.001	< 0.01	< 1.0	6.90	< 100	10	< 20	0.10	< 10	< 10	30	10	1.35	3.8
9625	258	295	< 0.001	< 0.01	< 1.0	6.95	< 100	10	< 20	0.15	< 10	< 10	30	10	1.40	3.9
9626	258	295	< 0.001	< 0.01	< 1.0	9.40	2300	< 10	< 20	1.40	< 10	10	20	10	4.40	0.9
9627	258	295	< 0.001	< 0.01	< 1.0	10.35	2700	< 10	< 20	1.40	< 10	10	20	10	2.35	0.9
9628	258	295	< 0.001	< 0.01	< 1.0	9.90	2500	< 10	< 20	1.35	< 10	< 10	20	40	2.25	0.7
9629	258	295	< 0.001	< 0.01	< 1.0	9.55	2500	< 10	< 20	1.30	< 10	< 10	20	20	2.70	0.7

CERTIFICATION: David Bradley

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: CANAMERA GEOLOGICAL LTD.

220 CAMBIE ST., SUITE 650
VANCOUVER, BC
V6B 2M9

Project : 0048
Comments: ATTN:DAVE ANRAM CC:D.BRIDGE

Page Number :1-B
Total Pages :1
Certificate Date: 13-SEP-96
Invoice No. :I9631186
P.O. Number :8032
Account :KBO

CERTIFICATE OF ANALYSIS A9631186

SAMPLE	PREP CODE		Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	Pb % AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	Zn ppm (ICP)
9619	258	295	0.05	90	< 10	3.10	< 10	< 0.001	220	0.50	10	40
9620	258	295	< 0.05	70	< 10	3.20	< 10	< 0.001	220	0.45	10	20
9621	258	295	< 0.05	70	< 10	3.05	< 10	0.002	< 10	0.05	< 10	160
9622	258	295	< 0.05	110	< 10	2.95	< 10	0.002	< 10	0.10	< 10	180
9623	258	295	< 0.05	100	< 10	3.00	< 10	0.004	< 10	0.05	< 10	320
9624	258	295	< 0.05	80	< 10	2.75	< 10	0.002	< 10	0.05	< 10	160
9625	258	295	< 0.05	60	< 10	1.85	< 10	0.003	< 10	0.05	< 10	200
9626	258	295	0.50	230	< 10	0.95	< 10	< 0.001	310	0.70	20	220
9627	258	295	0.35	200	< 10	0.90	< 10	< 0.001	430	0.80	20	220
9628	258	295	0.30	190	< 10	0.80	10	< 0.001	420	0.75	20	180
9629	258	295	0.35	200	< 10	0.70	< 10	< 0.001	370	0.75	30	180

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: CANAMERA GEOLOGICAL LTD.

220 CAMBIE ST., SUITE 650
VANCOUVER, BC
V6B 2M9

Project : 0048
Comments: ATTN:DAVE ANRAM CC:D.BRIDGE

Page Number :1-A
Total Pages :1
Certificate Date: 13-SEP-96
Invoice No. :I9631186
P.O. Number :8032
Account :KBO

CERTIFICATE OF ANALYSIS A9631186

SAMPLE	PREP CODE		Au oz/T RUSH	Ag oz/T RUSH	Ag ppm AAS	Al % (ICP)	Ba ppm (ICP)	Be ppm (ICP)	Bi ppm (ICP)	Ca % (ICP)	Cd ppm (ICP)	Co ppm (ICP)	Cr ppm (ICP)	Cu ppm (ICP)	Fe % (ICP)	K % (ICP)
9619	258	295	< 0.001	< 0.01	< 1.0	10.65	1800	< 10	< 20	0.45	< 10	< 10	50	20	0.65	4.0
9620	258	295	< 0.001	< 0.01	< 1.0	10.45	1800	< 10	< 20	0.45	< 10	< 10	30	10	0.70	4.2
9621	258	295	< 0.001	< 0.01	< 1.0	6.95	< 100	10	< 20	0.10	< 10	< 10	30	10	1.30	3.9
9622	258	295	< 0.001	< 0.01	1.0	7.00	< 100	10	< 20	0.15	< 10	< 10	30	10	1.45	3.8
9623	258	295	< 0.001	< 0.01	< 1.0	6.85	< 100	10	< 20	0.05	< 10	< 10	40	10	1.45	3.8
9624	258	295	< 0.001	< 0.01	< 1.0	6.90	< 100	10	< 20	0.10	< 10	< 10	30	10	1.35	3.8
9625	258	295	< 0.001	< 0.01	< 1.0	6.95	< 100	10	< 20	0.15	< 10	< 10	30	10	1.40	3.9
9626	258	295	< 0.001	< 0.01	< 1.0	9.40	2300	< 10	< 20	1.40	< 10	10	20	10	4.40	0.9
9627	258	295	< 0.001	< 0.01	< 1.0	10.35	2700	< 10	< 20	1.40	< 10	10	20	10	2.35	0.9
9628	258	295	< 0.001	< 0.01	< 1.0	9.90	2500	< 10	< 20	1.35	< 10	< 10	20	40	2.25	0.7
9629	258	295	< 0.001	< 0.01	< 1.0	9.55	2500	< 10	< 20	1.30	< 10	< 10	20	20	2.70	0.7

CERTIFICATION:

Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: CANAMERA GEOLOGICAL LTD.

220 CAMBIE ST., SUITE 650
VANCOUVER, BC
V6B 2M9

Project : 0048
Comments: ATTN:DAVE ANRAM CC:D.BRIDGE

Page Number :1-B
Total Pages :1
Certificate Date: 13-SEP-96
Invoice No. :19631186
P.O. Number :8032
Account :KBO

CERTIFICATE OF ANALYSIS A9631186

SAMPLE	PREP CODE	Mg % (ICP)	Mn ppm (ICP)	Mo ppm (ICP)	Na % (ICP)	Ni ppm (ICP)	Pb % AAS	Sr ppm (ICP)	Ti % (ICP)	V ppm (ICP)	Zn ppm (ICP)
9619	258 295	0.05	90	< 10	3.10	< 10	< 0.001	220	0.50	10	40
9620	258 295	< 0.05	70	< 10	3.20	< 10	< 0.001	220	0.45	10	20
9621	258 295	< 0.05	70	< 10	3.05	< 10	0.002	< 10	0.05	< 10	160
9622	258 295	< 0.05	110	< 10	2.95	< 10	0.002	< 10	0.10	< 10	180
9623	258 295	< 0.05	100	< 10	3.00	< 10	0.004	< 10	0.05	< 10	320
9624	258 295	< 0.05	80	< 10	2.75	< 10	0.002	< 10	0.05	< 10	160
9625	258 295	< 0.05	60	< 10	1.85	< 10	0.003	< 10	0.05	< 10	200
9626	258 295	0.50	230	< 10	0.95	< 10	< 0.001	310	0.70	20	220
9627	258 295	0.35	200	< 10	0.90	< 10	< 0.001	430	0.80	20	220
9628	258 295	0.30	190	< 10	0.80	10	< 0.001	420	0.75	20	180
9629	258 295	0.35	200	< 10	0.70	< 10	< 0.001	370	0.75	30	180

CERTIFICATION: Stewart Bichler

Eco-Tech LABORATORIES LTD.

ASSAYING
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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-739

1-Aug

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION: JAN BRUNZ

No. of samples received:9
Sample Type:ROCK
PROJECT #:0048
SHIPMENT #7338
Samples submitted by:DANE BRIDGE

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)
1	56701	1.02	0.030	-
2	56702	0.87	0.025	-
3	56703	0.09	0.003	-
4	56704	0.54	0.016	-
5	56705	0.11	0.003	-
6	56706	0.41	0.012	4.52
7	56707	0.15	0.004	-
8	56801	0.04	0.001	-
9	56802	0.41	0.012	-
QC DATA:				
Resplit:				
1	56701	1.05	0.031	-
Repeat:				
1	56701	0.98	0.029	-
Standard:				
Std-M		3.28	0.096	-
CPb-1		-	-	0.25
KCl-a		-	-	0.63

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T
B.C. Certified Assayer

XLS/96CANAMERA

Eco-Tech LABORATORIES LTD.

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ENVIRONMENTAL TESTING

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Fax (250) 573-4557

CERTIFICATE OF ANALYSIS AK 96-741

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

7-Oct-96

ATTENTION: DAVE AWRAM

No. of samples:72
Sample Type:SAND
PROJECT #: 0048
SHIPMENT #:1
Samples submitted by: DANE BRIDGE

ET #.	Tag #	Ag (ppm)
1	H01	0.8
2	H02	0.6
3	H03	0.3
4	H04	0.6
5	H05	0.8
6	H06	0.8
7	H07	0.4
8	H08	0.6
9	H09	0.6
10	H10	0.4
11	H11	0.8
12	H12	1.2
13	H13	0.6
14	H14	0.7
15	H15	0.6
16	H16	0.7
17	H17	0.5
18	H18	0.8
19	H19	2.3 ✓
20	H101	1.3
21	H102	0.4
22	H103	0.6
23	H104	1.0

CANAMERA GEOLOGICAL LTD. AK 96-741 7-Oct-96

ET #.	Tag #	Ag (ppm)
24	H105	0.7
25	H106	0.6
26	H107	0.4
27	H108	0.6
28	H109	1.0
29	H110	0.6
30	H111	0.5
31	H112	1.0
32	H113	0.8
33	H114	6.0
34	H115	5.5
35	H116	4.7
36	H117	0.3
37	H118	2.6
38	H119	0.9
39	H120	0.9
40	H121	0.4
41	H122	0.4
42	H123	0.3
43	H124	0.4
44	H125	0.6
45	H126	0.4
46	H127	0.1
47	H128	0.4
48	H129	0.2
49	H130	0.4
50	H131	0.3
51	H132	0.3
52	H133	0.2
53	H134	0.3
54	H135	0.3
55	H136	0.2
56	H137	0.4
57	H138	0.4
58	H139	0.3
59	H140	0.4
60	H141	0.4
61	H142	0.5
62	H143	0.2
63	H201	0.3
64	H202	0.6
65	H203	1.1

CANAMERA GEOLOGICAL LTD. AK 96-741 7-Oct-96

ET #.	Tag #	Ag (ppm)
66	H204	0.7
67	H205	0.2
68	H206	0.2
69	H207	0.8
70	H208	2.0
71	H209	12.1
72	H210	1.9

QC DATA:

Repeat:

1	H01	0.6
10	H10	0.5
19	H19	2.0
28	H109	1.0
36	H117	0.3
45	H126	0.2
54	H135	0.4
63	H201	0.2
71	H209	12.6

Standard:

GEO'96		1.8
GEO'96		1.7

per ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96Canamera
Fax to Vancouver 604-847-6184

Eco-Tech LABORATORIES LTD.

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Fax (604) 573-4557

CERTIFICATE OF ANALYSIS AK 96-743

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

6-Aug-96

ATTENTION: JAN BRUNZ

Post-it™ Fax Note 7671E	Date Aug 6	# of pages ▸ 8
To DAVE	From	
Co./Dept.	Co.	
Phone #	Phone #	
Fax # 847-6184	Fax #	

No. of samples:36
Sample Type:SILT
PROJECT #: 0098
SHIPMENT #:1
P.O. #: 7338
Samples submitted by: DANE BRIDGE

ET #.	Tag #	Au (ppb)	Ag (ppm)
1	S01	<5	0.1
2	S02	5	0.1
3	S03	<5	0.2
4	S04	<5	0.1
5	S05	<5	0.2
6	S06	<5	0.1
7	S07	5	0.2
8	S08	55	1.5
9	S09	<5	1.3
10	S10	<5	2.0
11	S11	10	0.2
12	S12	<5	0.3
13	S13	<5	0.3
14	S14	<5	0.7
15	S15	5	0.2
16	S16	<5	0.1
17	S17	<5	0.2
18	S18	<5	0.3
19	S19	5	0.6
20	S21	85	2.1
21	S101	<5	0.3
22	S102	<5	0.2
23	S103	<5	0.3
24	S104	<5	0.3
25	S105	<5	0.2

CANAMERA GEOLOGICAL LTD. AK 96-743

6-Aug-96

ET #.	Tag #	Au (ppb)	Ag (ppm)
26	S106	<5	0.3
27	S107	<5	0.4
28	S108	<5	0.6
29	S109	5	0.5
30	S110	<5	0.6
31	S111	10	0.4
32	S112	<5	0.5
33	S113	<5	0.5
34	S114	<5	2.6
35	S115	<5	0.2
36	S116	<5	0.2

QC DATA:

Repeat:

1	S01	<5	0.1
10	S10	<5	1.5
19	S19	<5	0.8
36	S116	<5	-

Standard:

GEO'96	140	1.5

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96Canamera

Eco-Tech
LABORATORIES LTD.

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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-772

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

31-Jul-96

ATTENTION: DANE BRIDGE

No. of samples received:8
Sample Type:ROCK
PROJECT #:0050
SHIPMENT #3
Samples submitted by:DANE BRIDGE

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
1	56708	0.04	0.001	9.4	0.27
2	56709	0.03	0.001	29.7	0.87
3	56710	0.07	0.001	25.9	0.76
4	56711	0.15	0.001	12.8	0.37
5	56712	0.06	0.001	2.4	0.07
6	56713	0.09	0.001	3.5	0.10
7	56714	0.11	0.001	2.1	0.06
8	56803	0.03	0.001	1.2	0.04
QC DATA:					
Resplit:					
1	56708	0.04	0.001	9.8	0.29
Repeat:					
1	56708	-	-	9.7	0.28
Standard:					
Std-M		3.28	0.096	-	-

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96CANAMERA

Eco-Tech LABORATORIES LTD.

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Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-781

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

4-Aug-96

ATTENTION: DAVE AWRAM

No. of samples: 10
Sample Type: Rock
PROJECT #: 0050
SHIPMENT #: 9
P.O. #: 5444
Samples submitted by: Dane Bridge

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)
1	56715	<.03	<.001	0.3	0.01	-
2	56716	<.03	<.001	63.9	1.86	1.62
3	56717	0.03	0.001	2.1	0.06	-
4	56718	<.03	<.001	1.1	0.03	-
5	56719	<.03	<.001	0.8	0.02	-
6	56720	<.03	<.001	1.0	0.03	-
7	56721	0.03	0.001	0.9	0.03	-
8	56722	<.03	<.001	1.1	0.03	-
9	56723	<.03	<.001	1.3	0.04	-
10	56724	<.03	<.001	0.5	0.02	-
QC DATA:						
Resplit:						
R/S 3	56717	0.03	0.001	2.1	0.06	-
Repeat:						
1	56715	<.03	<.001	0.3	0.01	-
Standard:						
Mpla		-	-	-	-	4.33
Cpb-1		-	-	626.0	-	-
STD-M		3.23	-	-	-	-

per **ECO-TECH LABORATORIES LTD.**
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96Canamera

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CERTIFICATE OF ASSAY AK 96-828

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

12-Aug-96

ATTENTION:DANE BRIDGE

No. of samples:3
Sample Type:ROCK
PROJECT #: 0048
SHIPMENT #:7
Samples submitted by: DANE BRIDGE

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
1	56901	<.03	<.001	1.2	0.04
2	56902	<.03	<.001	1.2	0.04
3	56903	<.03	<.001	1.0	0.03
QC DATA:					
Resplit:					
1	56901	<.03	<.001	0.9	0.03
Repeat:					
1	56901	<.03	<.001	0.9	0.03
Standard:					
STD-M		3.28	<.001		
CPb-1				621.0	18.11

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96Canamera

CERTIFICATE OF ANALYSIS AK 96-829

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

11-Aug-96

ATTENTION:DANE BRIDGE

No. of samples:4
Sample Type:SILT
PROJECT #: 0048
SHIPMENT #:7
P.O. #: 5444
Samples submitted by: DANE BRIDGE

ET #.	Tag #	Au (ppb)
1	S 30	<5
2	S 204	<5
3	S 205	<5
4	S 206	<5

QC DATA:

Repeat:

1	S 30	<5

Standard:

GEO'96	150

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XLS/96Canamera

CERTIFICATE OF ANALYSIS AK 96-830

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

11-Aug-96

Post-it™ Fax Note 7671E	Date Aug 12	# of pages ▸ 3
To DANE	From	
Co./Dept.	Co. JOBS 829/830	
Phone #	Phone # AU	
Fax #	Fax # ICP Still to Come	

ATTENTION:DANE BRIDGE

No. of samples:24
Sample Type:SOIL
PROJECT #: 0048
SHIPMENT #:7
P.O. #: 5444
Samples submitted by: DANE BRIDGE

ET #.	Tag #	Au (ppb)
1	4600N 0 E	<5
2	4600N 25 E	<5
3	4600N 50 E	<5
4	4600N 75 E	<5
5	4600N 100 E	<5
6	4600N 125 E	5
7	4600N 150 E	<5
8	4600N 175 E	<5
9	4600N 200 E	<5
10	4600N 250 E	<5
11	4600N 275 E	5
12	4600N 300 E	<5
13	4600N 325 E	5
14	4600N 350 E	<5
15	4600N 375 E	<5
16	4600N 400 E	<5
17	4600N 425 E	5
18	4600N 450 E	<5
19	4600N 475 E	<5
20	4600N 500 E	<5
21	4600N 525 E	<5
22	4600N 550 E	<5
23	4600N 575 E	<5
24	4600N 600 E	<5

CANAMERA GEOLOGICAL LTD. AK 96-830

11-Aug-96

ET #.	Tag #	Au (ppb)
QC DATA:		
Repeat:		
1	4600N 0 E	<5
10	4600N 250 E	<5

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CERTIFICATE OF ASSAY AK 96-858

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

19-Aug-96

ATTENTION: DANE BRIDGE

No. of samples received: 3
Sample type: ROCK
PROJECT: # 0049
SHIPMENT: # 8
PO#:5444
Samples submitted by: DANE BRIDGE

An 7

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)
1	56804	0.05	0.001	0.3	0.01	0.31
2	56805	0.21	0.006	5.1	0.15	0.01
3	56806	0.62	0.018	3.2	0.09	2.44
QC/DATA:						
Resplit:						
1	56804	0.08	0.002	0.2	0.01	0.32
Repeat:						
1	56804	0.05	0.001	0.2	0.01	0.31
Standard:						
CPb-I		-	-	627.0	18.29	0.25
STD-M		3.38	0.099	-	-	-

XLS/96CANAMERA

per

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B.C. Certified Assayer

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CERTIFICATE OF ASSAY AK 96-870

19-Aug-96

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION:DANE BRIDGE

No. of samples:3
Sample Type:ROCK
PROJECT #: 0049
SHIPMENT #:10
P.O. #: 5445
Samples submitted by: DANE BRIDGE

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
1	56807	0.26	0.008	1.1	0.03
2	56808	0.28	0.008	0.8	0.02
3	56809	0.04	0.001	0.2	0.01
QC DATA:					
Resplit:					
1	56807	0.23	0.007	1.0	0.03
Repeat:					
1	56807	-	-	0.9	0.03
Standard:					
STD-MED		3.33	0.097	-	-
CPb-1		-	-	625.0	18.23

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B.C. Certified Assayer

XLS/96Canamera

CERTIFICATE OF ANALYSIS AK 96-874

21-Aug-96

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION:DANE BRIDGE

No. of samples:2
Sample Type:SILT
PROJECT #: 0048
SHIPMENT #:10
P.O. #: 5445
Samples submitted by: DANE BRIDGE

ET #.	Tag #	Au (ppb)
1	S207	5
2	S208	5

QC DATA:

Repeat:

1	S207	5

Standard:

GEO 96	150

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96Canamera#2

CERTIFICATE OF ANALYSIS AK 96-894

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

26-Aug-96

ATTENTION: DANE BRIDGE

No. of samples:159
Sample Type: Soil
PROJECT #: 0048
SHIPMENT #: 12
Samples submitted by: Dane Bridge

ET #.	Tag #			Au (ppb)
1	1600N	25	W	<5
2	1600N	50	W	<5
3	1600N	75	W	<5
4	1600N	100	W	<5
5	1600N	125	W	<5
6	1600N	150	W	<5
7	1600N	175	W	5
8	1600N	200	W	<5
9	1600N	225	W	<5
10	1600N	250	W	<5
11	1600N	275	W	<5
12	1600N	300	W	<5
13	1600N	325	W	<5
14	1600N	350	W	5
15	1600N	375	W	<5
16	1600N	400	W	<5
17	1600N	425	W	<5
18	1600N	450	W	<5
19	1600N	475	W	<5
20	1600N	500	W	<5
21	1600N	525	W	5
22	1600N	550	W	<5
23	1600N	575	W	<5
24	1600N	600	W	<5
25	2000N	25	W	<5

CANAMERA GEOLOGICAL LTD. AK 96-894 26-Aug-96

ET #.	Tag #			Au (ppb)
26	2000N	50	W	<5
27	2000N	75	W	<5
28	2000N	100	W	<5
29	2000N	125	W	5
30	2000N	150	W	<5
31	2000N	175	W	<5
32	2000N	200	W	<5
33	2000N	225	W	<5
34	2000N	250	W	<5
35	2000N	275	W	<5
36	2000N	300	W	<5
37	2000N	325	W	<5
38	2000N	350	W	<5
39	2000N	375	W	5
40	2000N	400	W	5
41	2000N	425	W	<5
42	2000N	450	W	<5
43	2000N	475	W	<5
44	2000N	500	W	5
45	2000N	525	W	<5
46	2000N	550	W	<5
47	2000N	575	W	5
48	2000N	600	W	<5
49	2400N	25	W	<5
50	2400N	50	W	<5
51	2400N	75	W	<5
52	2400N	100	W	10
53	2400N	125	W	5
54	2400N	150	W	<5
55	2400N	175	W	<5
56	2400N	200	W	<5
57	2400N	225	W	<5
58	2400N	250	W	<5
59	2400N	275	W	<5
60	2400N	300	W	<5
61	2400N	325	W	<5
62	2400N	350	W	<5
63	2400N	375	W	<5
64	2400N	400	W	<5
65	2400N	425	W	<5
66	2400N	450	W	<5
67	2400N	475	W	<5
68	2400N	500	W	<5
69	2400N	525	W	<5
70	2400N	550	W	<5
71	2400N	575	W	<5

ET #.	Tag #			Au (ppb)
72	2400N	600	W	<5
73	2800N	25	W	<5
74	2800N	50	W	<5
75	2800N	75	W	<5
76	2800N	100	W	<5
77	2800N	125	W	<5
78	2800N	150	W	5
79	2800N	175	W	<5
80	2800N	200	W	<5
81	2800N	225	W	<5
82	2800N	250	W	<5
83	2800N	275	W	<5
84	2800N	300	W	<5
85	2800N	325	W	<5
86	2800N	350	W	<5
87	2800N	375	W	<5
88	2800N	400	W	5
89	2800N	425	W	<5
90	2800N	450	W	<5
91	2800N	475	W	<5
92	2800N	500	W	<5
93	2800N	525	W	<5
94	2800N	550	W	<5
95	2800N	575	W	<5
96	2800N	600	W	<5
97	3300N	25	W	<5
98	3300N	50	W	<5
99	3300N	75	W	<5
100	3300N	100	W	<5
101	3300N	125	W	<5
102	3300N	150	W	5
103	3300N	175	W	<5
104	3300N	200	W	<5
105	3300N	225	W	<5
106	3300N	250	W	<5
107	3300N	275	W	<5
108	3300N	300	W	5
109	3300N	325	W	10
110	3300N	350	W	<5
111	3300N	375	W	<5
112	3300N	400	W	<5
113	3300N	425	W	<5
114	3300N	450	W	<5
115	3300N	475	W	<5
116	3300N	500	W	<5
117	3300N	525	W	<5

CANAMERA GEOLOGICAL LTD. AK 96-894

26-Aug-96

ET #.	Tag #			Au (ppb)
118	3300N	550	W	<5
119	3300N	575	W	<5
120	3300N	600	W	<5
121	3600N	25	W	5
122	3600N	50	W	<5
123	3600N	75	W	<5
124	3600N	100	W	<5
125	3600N	125	W	<5
126	3600N	150	W	<5
127	3600N	175	W	<5
128	3600N	200	W	<5
129	3600N	225	W	<5
130	3600N	250	W	<5
131	3600N	275	W	<5
132	3600N	300	W	5
133	3600N	325	W	<5
134	3600N	350	W	15
135	3600N	375	W	<5
136	3600N	400	W	<5
137	3600N	425	W	<5
138	3600N	450	W	5
139	3600N	475	W	<5
140	3600N	500	W	10
141	3600N	525	W	<5
142	3600N	550	W	<5
143	3600N	575	W	5
144	3600N	600	W	<5
145	BLO	1625	N	<5
146	BLO	1650	N	5
147	BLO	1675	N	<5
148	BLO	1700	N	<5
149	BLO	1725	N	<5
150	BLO	1750	N	<5
151	BLO	1775	N	<5
152	BLO	1800	N	<5
153	BLO	1825	N	<5
154	BLO	1850	N	<5
155	BLO	1875	N	<5
156	BLO	1900	N	<5
157	BLO	1925	N	<5
158	BLO	1950	N	5
159	BLO	1975	N	<5

CANAMERA GEOLOGICAL LTD. AK 96-894

26-Aug-96

ET #.	Tag #			Au (ppb)
QC DATA:				
Repeat:				
1	1600N	25	W	<5
10	1600N	250	W	<5
19	1600N	475	W	<5
24	1600N	600	W	<5
28	2000N	100	W	<5
36	2000N	300	W	<5
45	2000N	525	W	<5
54	2400N	150	W	<5
63	2400N	375	W	<5
71	2400N	575	W	<5
80	2800N	200	W	<5
89	2800N	425	W	<5
98	3300N	50	W	<5
106	3300N	250	W	<5
115	3300N	475	W	<5
124	3600N	100	W	<5
133	3600N	325	W	<5
141	3600N	525	W	<5
150	BLO	1750	N	<5
Standard:				
GEO'96				155
GEO'96				140
GEO'96				140
GEO'96				145
GEO'96				145

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XLS/96Canamera

CERTIFICATE OF ANALYSIS AK 96-896

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

22-Aug-96

ATTENTION: DANE BRIDGE

No. of samples: 9
Sample Type: SILT
PROJECT #: 0048
SHIPMENT #: 12
Samples submitted by: Dane Bridge
Samples submitted by:

ET #.	Tag #	Au (ppb)
1	S209	5
2	S210	5
3	S211	5
4	S212	5
5	S213	5
6	S214	5
7	S215	5
8	S216	5
9	S217	5

QC DATA:

Repeat:

1	S209	5

Standard:

GEO'96	140

per

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CERTIFICATE OF ANALYSIS AK 96-897

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

2-Oct-96

ATTENTION: DAVE AWRAM

No. of samples: 16
Sample Type: Sand - Heavy Media Sep @ 2.97
PROJECT #: 0048
SHIPMENT #: 12
P.O. #: 5446
Samples submitted by: DANE BRIDGE

ET #.	Tag #	Ag (ppm)
1	H249	7.3
2	H250	6.6
3	H251	5.7
4	H252	4.9
5	H253	3.9
6	H254	3.6
7	H255	0.9
8	H256	2.7
9	H257	0.5
10	H258	3.0
11	H259	3.2
12	H260	3.1
13	H261	3.9
14	H262	3.7
15	H263	4.0
16	H264	3.6
QC DATA:		
Repeat:		
1	H249	6.9
10	H258	2.4
Standard:		
GEO 96		3.1

XLS/96Canamera#2
fax@847-6184/d.bridge

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CERTIFICATE OF ASSAY AK 96-906

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

28-Aug-96

ATTENTION: DAVE AWRAM

No. of samples: 7
Sample Type: ROCK
PROJECT #: 0048,0049,0050
SHIPMENT #: 13
Samples submitted by: DANE BRIDGE
Samples submitted by:

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	56725	<.03	<.001
2	56726	<.03	<.001
3	56727	0.27	0.008
4	56728	0.20	0.006
5	56729	0.05	0.001
6	56904	<.03	<.001
7	56905	<.03	<.001

QC DATA:

Resplit:

3	56727	0.31	0.009

Repeat:

7	56905	<.03	<.001

Standard:

STD-M		3.28	0.096

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CERTIFICATE OF ASSAY AK 96-955

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

11-Sep-96

ATTENTION:DANE BRIDGE

No. of samples:6
Sample Type:ROCK
PROJECT #: 0050
SHIPMENT #:16
P.O. #: 5447
Samples submitted by: DANE BRIDGE

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)
1	56730	0.28	0.008	316.8	9.24	1.51
2	56731	0.27	0.008	-	-	-
3	56732	0.06	0.002	-	-	-
4	56733	0.20	0.006	-	-	-
5	56734	0.37	0.011	-	-	-
6	56915	<.03	<.001	-	-	-
QC DATA:						
Resplit:						
6	56915	<.03	<.001	-	-	-
Standard:						
CPb-1		-	-	630.0	18.37	-
MPla		-	-	-	-	4.36
STD-M		3.30	0.096	-	-	-

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96Canamera#2

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CERTIFICATE OF ASSAY AK 96-959

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

28-Aug-96

Ant

ATTENTION:DANE BRIDGE

No. of samples:9
Sample Type:ROCK
PROJECT #: 0049
SHIPMENT #:15
P.O. #: 5447
Samples submitted by: DANE BRIDGE

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)
1	56906	0.03	0.001	1.2	0.04	0.01
2	56907	<.03	<.001	0.8	0.02	0.97
3	56908	0.10	0.003	1.1	0.03	2.21
4	56909	<.03	<.001	0.6	0.02	0.03
5	56910	<.03	<.001	0.2	0.01	0.02
6	56911	<.03	<.001	0.3	0.01	0.01
7	56912	<.03	<.001	0.2	0.01	0.19
8	56913	<.03	<.001	39.3	1.15	0.08
9	56914	<.03	<.001	0.6	0.02	0.01

on Bmg, near Ant

QC DATA:

Resplit:

1	56906	0.03	0.001	1.2	0.04	0.01

Repeat:

1	56906	0.03	0.001	-	-	-

Standard:

CPb-I		-	-	632.0	18.43	0.25
STD-M		3.30	0.096	-	-	-

per

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96Canamera

Eco-Tech
LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (604) 573-5700
Fax (604) 573-4557

CERTIFICATE OF ANALYSIS AK 96-977

2-Oct-96

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION:D.BRIDGE

No. of samples:5
Sample Type:SAND
PROJECT #: 0051
SHIPMENT #:15
P.O. #: 5447
Samples submitted by: DANE BRIDGE

ET #.	Tag #	Ag (ppm)
1	H265	3.2
2	H266	2.8
3	H267	4.4
4	H268	2.6
5	H269	1.0
QC DATA:		
Repeat:		
1	H265	3.1
Standard:		
GEO 96		3.1

XLS/96Canamera#2
fax@847-6184/d.bridge

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CERTIFICATE OF ASSAY AK 96-1030

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

6-Sep-96

ATTENTION:DANE BRIDGE

No. of samples:18
Sample Type:CORE
PROJECT #: 0048
SHIPMENT #:21
P.O. #: 8031
Samples submitted by: DANE BRIDGE

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
1	9601	0.10	0.003	1.8	0.05
2	9602	0.04	0.001	2.3	0.07
3	9603	<.03	<.001	0.8	0.02
4	9604	<.03	<.001	1.0	0.03
5	9605	<.03	<.001	0.8	0.02
6	9606	<.03	<.001	0.2	0.01
7	9607	<.03	<.001	1.1	0.03
8	9608	<.03	<.001	0.6	0.02
9	9609	<.03	<.001	0.7	0.02
10	9610	<.03	<.001	1.1	0.03
11	9611	<.03	<.001	0.6	0.02
12	9612	0.79	0.023	1.2	0.04
13	9613	<.03	<.001	0.8	0.02
14	9614	0.42	0.012	0.5	0.02
15	9615	<.03	<.001	2.2	0.06
16	9616	<.03	<.001	2.1	0.06
17	9617	<.03	<.001	1.7	0.05
18	9618	<.03	<.001	0.9	0.03

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CANAMERA GEOLOGICAL LTD. AK 96-1030

6-Sep-96

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
QC DATA:					
Resplit:					
5	9605	<.03	<.001	0.6	0.02
Repeat:					
1	9605	0.12	0.003	2.0	0.06
10	9610	<.03	<.001		
Standard:					
STD-M		3.18	0.093	-	-
CPb-I		-	-	631.0	18.40

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Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-1037

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

19-Sep-96

ATTENTION: DANE BRIDGE

No. of samples: 11
Sample Type: ROCK
PROJECT #: 0049
SHIPMENT #: 18
P.O. #: 5449
Samples submitted by: DANE BRIDGE

Et #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
1	56916	<.03	<.001	<0.1	<.01	-	-
2	56917	<.03	<.001	<0.1	<.01	-	-
3	56918	<.03	<.001	<.1	<.01	-	-
4	56919	0.08	0.002	7.9	0.23	-	-
5	56920	<.03	<.001	0.8	0.02	-	-
6	56921	<.03	<.001	0.2	0.01	-	-
7	56922	0.11	0.003	1.8	0.05	-	-
8	56923	0.06	0.002	7.1	0.21	-	-
9	56924	3.14	0.092	344.8	10.06	7.31	4.42
10	56925	0.04	0.001	1.4	0.04	-	-
11	56926	<.03	<.001	0.4	0.01	-	-
QC DATA:							
Resplit:							
1	56916	<.03	<.001	-	-	-	-
Repeat:							
1	56916	<.03	<.001	-	-	-	-
10	56925	<.03	<.001	-	-	-	-

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XLS/96Canamera#2

CERTIFICATE OF ANALYSIS AK 96-1038

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

13-Sep-96

ATTENTION: DANE BRIDGE

No. of samples: 148
Sample Type: SOIL
PROJECT #: 0050
SHIPMENT #: 17
P.O. #: 5449
Samples submitted by: DANE BRIDGE

ET #.	Tag #	Au (ppb)
1	550	<5
2	2330N 980 E	<5
3	2330N 990 E	<5
4	2330N 1000 E	5
5	2330N 1010 E	<5
6	2330N 1020 E	<5
7	2330N 1030 E	5
8	2330N 1040 E	<5
9	2330N 1050 E	<5
10	2330N 1060 E	<5
11	2400N 985 E	5
12	2400N 990 E	<5
13	2400N 1025 EA	<5
14	2400N 1030 E	<5
15	2400N 1035 E	5
16	2400N 1040 E	<5
17	2400N 1045 E	<5
18	3800N 800 E	<5
19	3800N 825 E	<5
20	3800N 850 E	<5
21	3800N 875 E	5
22	3800N 900 E	<5

ET #.	Tag #	Au (ppb)
23	3800N 925 E	10
24	3800N 950 E	5
25	3800N 975 E	<5
26	3800N 1000 E	<5
27	3800N 1025 E	<5
28	3800N 1050 E	<5
29	3800N 1075 E	<5
30	3800N 1100 E	<5
31	3800N 1125 E	10
32	3800N 1175 E	<5
33	3800N 1200 E	<5
34	5000N 0 E	10
35	5000N 10 E	15
36	5000N 20 E	150
37	5000N 30 E	90
38	5000N 40 E	10
39	5000N 50 E	210
40	5000N 60 E	15
41	5000N 70 E	<5
42	5000N 80 E	<5
43	5000N 90 E	<5
44	5000N 100 E	5
45	5000N 10 W	340
46	5000N 20 W	15
47	5000N 30 W	<5
48	5000N 40 W	390
49	5000N 50 W	20
50	5000N 60 W	<5
51	5000N 70 W	65
52	5000N 80 W	10
53	5000N 90 W	<5
54	5000N 100 W	40
55	5000N 110 W	45
56	5000N 120 W	10
57	5000N 130 W	35
58	5000N 140 W	40
59	5000N 150 W	<5
60	5000N 160 W	5
61	5000N 170 W	35
62	5000N 180 W	<5
63	5000N 190 W	<5
64	5000N 200 W	15
65	5000N 210 W	<5

ET #.	Tag #		Au (ppb)
66	5000N	220 W	15
67	5000N	230 W	5
68	5000N	240 W	15
69	5000N	250 W	10
70	5000N	260 W	90
71	5000N	270 W	10
72	5000N	280 W	35
73	5000N	290 W	80
74	5000N	300 W	<5
75	5000N	310 W	<5
76	5000N	320 W	20
77	5000N	330 W	<5
78	5000N	340 W	<5
79	5000N	350 W	30
80	5000N	360 W	<5
81	5000N	370 W	10
82	5000N	380 W	40
83	5000N	390 W	55
84	5000N	400 W	<5
85	5050N	250 W	5
86	5050N	275 W	<5
87	5050N	300 W	40
88	5050N	325 W	50
89	5050N	350 W	<5
90	5050N	375 W	<5
91	5050N	400 W	<5
92	5050N	425 W	80
93	5050N	450 W	<5
94	5050N	475 W	30
95	5050N	500 W	325
96	5050N	525 W	<5
97	5050N	550 W	<5
98	5100N	0 E	5
99	5100N	10 E	5
100	5100N	20 E	<5
101	5100N	30 E	<5
102	5100N	40 E	<5
103	5100N	50 E	80
104	5100N	60 E	<5
105	5100N	70 E	<5
106	5100N	80 E	<5
107	5100N	90 E	10
108	5100N	100 E	40

CANAMERA GEOLOGICAL LTD. AK 96-1038 13-Sep-96

ET #.	Tag #		Au (ppb)
109	5100N	10 W	45
110	5100N	20 W	20
111	5100N	30 W	125
112	5100N	40 W	30
113	5100N	50 W	105
114	5100N	60 W	<5
115	5100N	70 W	85
116	5100N	80 W	30
117	5100N	90 W	20
118	5100N	100 W	80
119	5100N	110 W	45
120	5100N	120 W	70
121	5100N	130 W	40
122	5100N	140 W	20
123	5100N	150 W	90
124	5100N	160 W	60
125	5100N	170 W	145
126	5100N	180 W	15
127	5100N	190 W	<5
128	5100N	200 W	15
129	5100N	210 W	15
130	5100N	220 W	60
131	5100N	230 W	15
132	5100N	240 W	40
133	5100N	250 W	10
134	5100N	260 W	<5
135	5100N	270 W	<5
136	5100N	280 W	10
137	5100N	290 W	15
138	5100N	300 W	210
139	5100N	310 W	315
140	5100N	320 W	20
141	5100N	330 W	<5
142	5100N	340 W	<5
143	5100N	350 W	<5
144	5100N	360 W	<5
145	5100N	370 W	5
146	5100N	380 W	<5
147	5100N	390 W	5
148	5100N	400 W	<5

CANAMERA GEOLOGICAL LTD. AK 96-1038 13-Sep-96

ET #.	Tag #		Au (ppb)
QC DATA:			
Repeat:			
1	550		<5
10	2330N	1060 E	<5
19	3800N	825 E	<5
36	5000N	20 E	150
45	5000N	10 W	320
54	5000N	100 W	35
71	5000N	270 W	20
80	5000N	360 W	<5
89	5050N	350 W	<5
98	5100N	0 E	10
106	5100N	80 E	<5
115	5100N	70 W	95
124	5100N	160 W	160
133	5100N	250 W	10
141	5100N	330 W	<5
Standard:			
GEO'96			150
GEO'96			140
GEO'96			150
GEO'96			145
GEO'96			150

XLS/CANAMERA#2

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CERTIFICATE OF ANALYSIS AK 96-1098

2-Oct-96

CANAMERA GEOLOGICAL LTD.
#540-220 Cambie Street
VANCOUVER, B.C.
V6B 2M9

ATTENTION:D.BRIDGE

No. of samples:15
Sample Type:SAND
PROJECT #: 0048
SHIPMENT #:19
P.O. #: 5449
Samples submitted by: DANE BRIDGE

ET #.	Tag #	Ag (ppm)
1	H270	4.1
2	H271	2.0
3	H272	3.9
4	H273	3.9
5	H274	3.6
6	H275	1.9
7	H276	0.8
8	H277	2.9
9	H278	1.6
10	H279	5.3
11	H280	5.4
12	H281	5.2
13	H282	4.7
14	H283	1.8
15	H284	1.8
QC DATA:		
Repeat:		
1	H270	3.7
Standard:		
GEO'96		3.2

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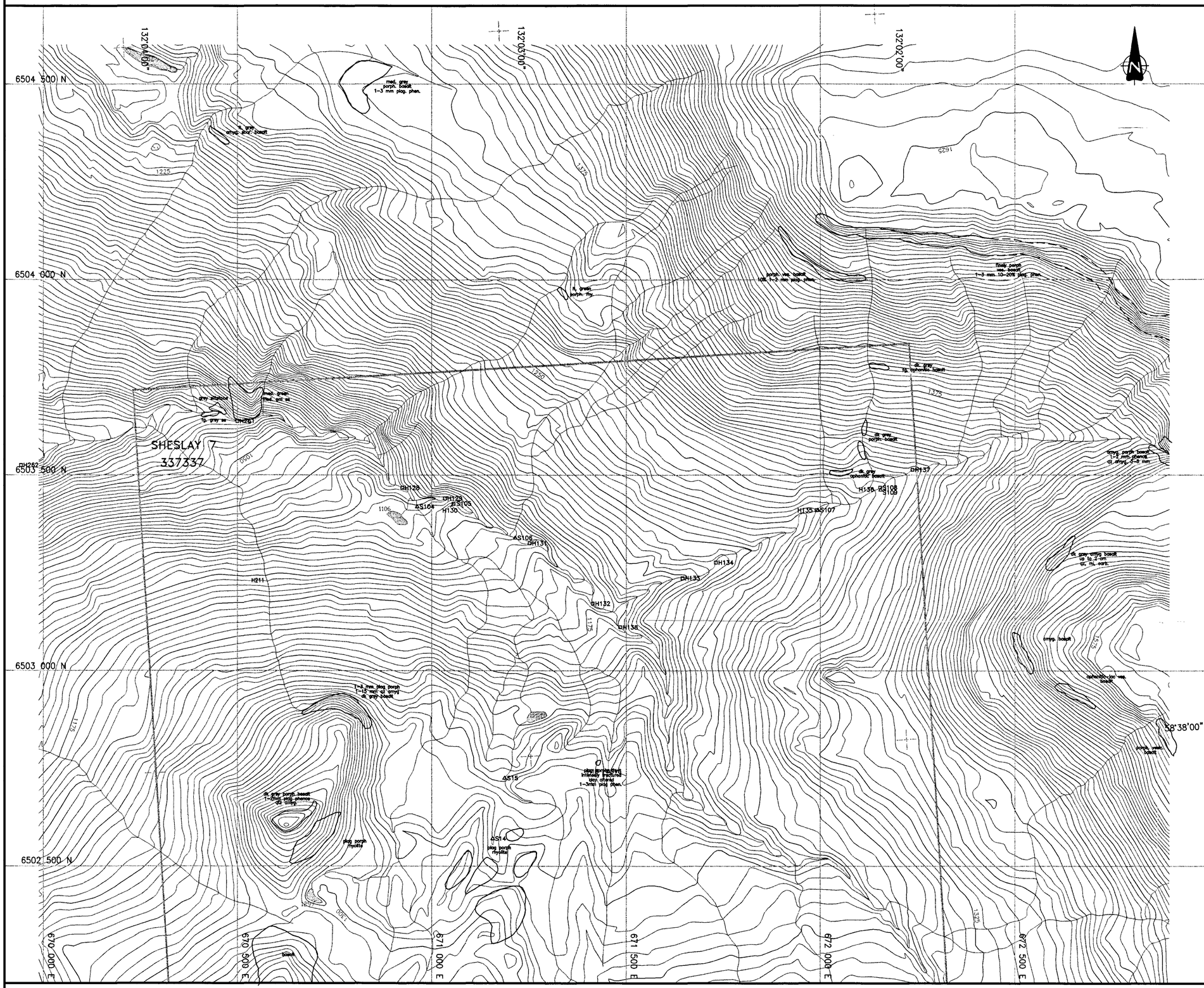


Sheslay and Free Legend

Pliocene – Pleistocene Level Mountain Formation

Basalt: Medium to usually dark grey to black;rarely dark red. Hard, fresh, massive, rarely aphanitic to generally porphyritic and amygdaloidal. 0–15%,1–5mm (rarely 15 mm) subhedral white to light green plagioclase phenocrysts,0–7%,1–3 mm medium green olivine and 0–3%,1–2 mm dark green subhedral pyroxene. 0–25% (commonly 10%), 3–20mm amygdules–mainly quartz, minor zeolites, carbonates, rare iron oxides and epidote. Local rusty staining. Local excellent columnar jointing.

Lahar: Beige to buff matrix, black, more rarely green fragments. About 60% very coarse (often>1 m) heterolithic fragments,usually basalt, less commonly rhyolite and rarer,1–7 cm dark grey siltstone in a fine tuffaceous matrix.

Tertiary Heart Peaks Formation

Phreatic Breccia: Aphanitic, beige to light brown matrix. 30–60% ,0.2–3 (rarely 7) mm, mainly slightly porphyritic, light grey to light green rhyolite clasts and trace–7%, 0.2–1 cm dark gray siltstone clasts in a very fine grained matrix Minor to 15% euhedral, elongate adularia crystals in both clasts and matrix.

Rhyolitic, Trachytic Volcanic Rocks: Mainly light grey to light green, less commonly purplish, rarely red or dark grey. Rarely aphanitic to generally porphyritic, 0–30%, 1–3 (rarely 15 mm) subhedral to euhedral feldspar and 0–5%,1–2 mm glassy quartz phenocrysts. 0–10% (rarely 40%) 0.3–3 mm vesicles. Absent to 2% euhedral, elongate adularia phenocrysts. Locally brecciated–up to 7%,1–5 cm fragments. Matrix and phenocrysts generally slightly to strongly clay altered–both locally chalky white and friable. Feldspar locally altered to zeolites. Local,minor limonite and haematite, rare iddingsite.

Lower Jurassic Takwahoni Formation

Greywacke and Quartz Wacke: Beige to light brown. Medium to coarse grained, sub–equal, 40–60%, 0.5–3 mm feldspar and lithic clasts in a very fine grained matrix. Non–discernable bedding planes. Quartz wacke is similar, with 20% quartz grains.

Lithic Arkose: Beige to buff. Pebbly, 0.5–3 mm, 65% clasts, mainly feldspar and porphyritic rhyolite grains,locally interbedded with 1–3 cm siltstone beds.

Abbreviations of Lithological Varieties

Amph.	Amphibolite (Rare)
And.,Andes	Andesite
bas	Basalt
Congl.	Conglomerate
Dio.,Dior.	Diorite
Gr.Dio.	Granodiorite
lampr.	Lamprophyre
lmst., ls.	Limestone
MetAnd.	MetaAndesite
Monz.	Monzonite
Phr.Bx.	Phreatic Breccia
Qtz.Dior.	Quartz Diorite
Qtz. Monz.	Quartz Monzonite
Qtz.Syen.	Quartz Syenite
phyl.	Phyllite
Rhy.	Rhyolite
Sandst., ss.	Sandstone
Siltst., sst.	Siltstone
Syen.	Syenite
Trach.	Trachyte
Wcke,Qtz.Wcke.	Graywacke,Quartz Wacke

Mineralogical Abbreviations

biot., bio.	biotite
chl.	chlorite
diop.	diopside (Rare)
ep.,epid.	epidote
fel.,feld.	feldspar
gal., gn.	galena
haem., hem.	haematite
hbl., hb.	hornblende
K–spar	potassium feldspar
lim.,limon.	limonite
mag.	magnetite
mal.	malachite
oliv.	olivine
plag.	plagioclase
pyr.,py.	pyrite
qz.	quartz
sider.	siderite
scap.	scapolite (rare)
tour.	tourmaline (rare)
vesuv.	vesuvianite (rare)
woll.	wollastonite (rare)

Abbreviations of Modifiers

alt?d, alt.	altered
amyg.	amygdule, amnydaloidal
aph.	aphanitic
bx.,brx.	brecciated
c.g.,c.grnd.	coarse grained
C.I.	colour Index
clay	clay
carb.	carbonate
C.P.	claim post
col.	columnar jointing
dy.	dyke
epic.	epiclastic (rare)
fel.	felsic
fr.	fresh
f.g.,f.grnd.	fine grained
Fe–st.	Fe–mineral stained
frag.	fragment
Gneis.	gneissic texture
inter.	interbedded ,intercalated

Legend

- Lithological(known), Outcrop Boundary
- Lithological(inferred), Outcrop Boundary
- H211 □ Heavy Mineral Sample Location
- S125 △ Silt Sample Location
- RS 56921 × Rock Sample Location
- Index Formline
- Indefinite Index Formline
- Intermediate Formline
- Indefinite Intermediate Fromline
- River
- Stream
- Lake
- Bedding Tops Known
- Foliation
- Slaty Cleavage
- S1 Slaty Cleavage
- Vien Orentation
- Cleavage
- DDH-84 ⊕ DDH historic
- DDH Proposed

Sheet Key: 2, 3, 4

50 0 50 100 150 200 250
METRES
formline interval 5m

U.S. DIAMOND CORP.

SHESLAY & FREE CLAIMS

GEOLOGY, SILT and HEAVY MINERAL SAMPLES MAP

SCALE: 1:5,000	NTS: 104K/9	DATE: MARCH,1997
APPROVED BY: D.I.A.	FILE: HPDWG1.DWG	MAP NO. 1

CANAMERA GEOLOGICAL LTD.

SHESLAY 7
337337
SHESLAY 5
337336
SHESLAY 6
337337
SHESLAY 3
337334
SHESLAY 4
337335

SHESLAY AND FREE LEGEND

PLIOCENE – PLEISTOCENE LEVEL MOUNTAIN FORMATION

Basalt: Medium to usually dark grey to blackgrey dark red. Hard, fresh, massive, rarely aphanitic to generally porphyritic and amygdaloidal. 0–15%,1–5mm (rarely 15 mm) subhedral white to light green plagioclase phenocrysts,0–7%,1–3 mm medium green olivine and 0–3%,1–2 mm dark green subhedral pyroxene. 0–20% (commonly 10%), 3–20mm amygdules– mainly quartz, minor zeolites, carbonates, rare iron oxides and epidote. Local rusty staining. Local excellent columnar jointing.

Lahar: Beige to buff matrix, black, more rarely green fragments. About 60% very coarse (often>1 m) heteroliitic fragments,usually basalt, less commonly rhyolite and rarer,1–7 cm dark grey siltstone in a fine tuffaceous matrix.

TERTIARY HEART PEAKS FORMATION

Phreatic Breccia: Aphanitic, beige to light brown matrix. 30–60% ,0.2–3 (rarely 7) mm, mainly slightly porphyritic, light grey to light green rhyolite clasts and trace–7%, 0.2–1 cm dark grey siltstone clasts in a very fine grained matrix. Minor to 15% euhedral, elongate adularia crystals in both clasts and matrix.

Rhyolitic, Trachytic Volcanic Rocks: Mainly light grey to light green, less commonly purplish, rarely red or dark grey. Rarely aphanitic to generally porphyritic, 0–30%, 1–3 (rarely 15 mm) subhedral to euhedral feldspar and 0–5%,1–2 mm glassy quartz phenocrysts. 0–10% (rarely 40%) 0.3–3 mm vesicles. Absent to 2% euhedral, elongate adularia phenocrysts. Locally brecciated–up to 7%,1–5 cm fragments. Matrix and phenocrysts generally slightly to strongly clay altered–both locally chalky white and friable. Feldspar locally altered to zeolites. Local,minor limonite and haematite, rare kidingsite.

LOWER JURASSIC TAKWAHOINI FORMATION

Greywacke and Quartz Wacke: Beige to light brown. Medium to coarse grained, sub-equal, 40–60%, 0.5–3 mm feldspar and lithic clasts in a very fine grained matrix. Non–discernable bedding planes. Quartz wacke is similar, with 20% quartz grains.

Lithic Arkose: Beige to buff. Pebbly, 0.5–3 mm, 65% clasts, mainly feldspar and porphyritic rhyolite grains,locally interbedded with 1–3 cm siltstone beds.

ABBREVIATIONS OF LITHOLOGICAL VARIETIES

Amph.	Amphibolite (Rare)
And.,Andes	Andesite
bas	Basalt
Congl.	Conglomerate
Dio.,Dior.	Diorite
Gr.Gs.	Granodiorite
Lampr.	Lamprophyre
mrbl., ls.	Limestone
Metab.	Metabasalte
Mons.	Monzonite
Phr.Bx.	Phreatic Breccia
Qtz.Dior.	Quartz Diorite
Qtz. Monz.	Quartz Monzonite
Qtz.Syen.	Quartz Syenite
phyl.	Phyllite
Rhy.	Rhyolite
Sandst., ss.	Sandstone
Sltst., sst.	Siltstone, Siltatone
Syen.	Syenite
Trach.	Trachyte
Wcke,Qtz.Wcke.	Greywacke,Quartz Wacke

MINERALOGICAL ABBREVIATIONS

biot., bio.	biotite
chl.	chlorite
diop.	diopside (Rare)
ep.,epid.	epidote
fel.,feld.	feldspar
gal., gl.	galena
haem., hem.	haematite
hbl., hb.	hornblende
K–spar	potassium feldspar
lim.,limon.	limonite
mag.	magnetite
mal.	malachite
oliv.	olivine
plag.	plagioclase
py.,py.	pyrite
qtz.	quartz
sider.	siderite
scap.	scapolite (rare)
tour.	tourmaline (rare)
vesuv.	vesuvianite (rare)
woll.	wollastonite (rare)

ABBREVIATIONS OF MODIFIERS

alt'd, alt.	altered
amyg.	amygdule, ammydaloidal
aph.	aphanitic
bx.,brc.	brecciated
c.g.,p.grnd.	coarse grained
C.I.	colour index
clay	clay
carb.	carbonate
C.P.	cloim post
col.	columnar jointing
dy.	dyke
epic.	epiclastic (rare)
fel.	felsic
fr.	fresh
f.g.,f.grnd.	fine grained
Fe–st.	Fe–mineral stained
frag.	fragment
Gneis.	gneissic texture
inter.	interbedded ,intercalated

Legend

- Lithological(known), Outcrop Boundary
- Lithological(inferred), Outcrop Boundary
- H211 ▭ Heavy Mineral Sample Location
- S125 ⌂ Silt Sample Location
- RS 56921 ✕ Rock Sample Location
- Index Formline
- Indefinite Index Formline
- Intermediate Formline
- Indefinite Intermediate Fromline
- River
- Stream
- Lake
- Bedding Tops Known
- Foliation
- Sloty Cleavage
- S1 Sloty Cleavage
- Ven Orientation
- Cleavage
- DDH–H⊕ DDH 1996 Drilling
- DDH–H⊕ DDH Proposed
- DDH–H● DDH Historic

Sheet Key Plan
1
2
3
4

50 0 50 100 150 200 250
METRES
formline interval 5m

U.S. DIAMOND CORP.

SHESLAY & FREE CLAIMS

GEOLOGY, SILT and HEAVY MINERAL SAMPLES MAP

SCALE: 1:5,000	NTS: 104K/9	DATE: MARCH,1997
APPROVED BY: D.I.A.	FILE: HPDWG2.DWG	MAP NO. 2

CANAMERA GEOLOGICAL LTD.

③

Sheslay and Free Legend

Pliocene – Pleistocene Level Mountain Formation

Basalt: Medium to usually dark grey to black;rarely dark red. Hard, fresh, massive, rarely aphanitic to generally porphyritic and amygdaloidal. 0–15%,1–5mm (rarely 15 mm) subhedral white to light green plagioclase phenocrysts,0–7%,1–3 mm medium green olivine and 0–3%,1–2 mm dark green subhedral pyroxene. 0–25% (commonly 10%), 3–20mm amygdules–mainly quartz, minor zeolites, carbonates, rare iron oxides and epidote. Local rusty staining. Local excellent columnar jointing.

Lahar: Beige to buff matrix, black, more rarely green fragments. About 60% very coarse (often>1 m) heterolithic fragments,usually basalt, less commonly rhyolite and rarer,1–7 cm dark grey siltstone in a fine tuffaceous matrix.

Tertiary Heart Peaks Formation

Phreatic Breccia: Aphanitic, beige to light brown matrix. 30–60% ,0.2–3 (rarely 7) mm, mainly slighlty porphyritic, light grey to light green rhyolite clasts and trace–7%, 0.2–1 cm dark gray siltstone clasts in a very fine grained matrix Minor to 15% euhedral, elongate adularia crystals in both clasts and matrix.

Rhyolitic, Trachytic Volcanic Rocks: Mainly light grey to light green, less commonly purplish, rarely red or dark grey. Rarely aphanitic to generally porphyritic, 0–30%, 1–3 (rarely 15 mm) subhedral to euhedral feldspar and 0–5%,1–2 mm glassy quartz phenocrysts. 0–10% (rarely 40%) 0.3–3 mm vesicles. Absent to 2% euhedral, elongate adularia phenocrysts. Locally brecciated–up to 7%,1–5 cm fragments. Matrix and phenocrysts generally slightly to strongly clay altered–both locally chalky white and friable. Feldspar locally altered to zeolites. Local,minor limonite and haematite, rare iddingsite.

Lower Jurassic Takwahoni Formation

Greywacke and Quartz Wacke: Beige to light brown. Medium to coarse grained, sub-equal, 40–60%, 0.5–3 mm feldspar and lithic clasts in a very fine grained matrix. Non-discernable bedding planes. Quartz wacke is simialar, with 20% quartz grains.

Lithic Arkose: Beige to buff. Pebbly, 0.5–3 mm, 65% clasts, mainly feldspar and porphyritic rhyolite grains,locally interbedded with 1–3 cm siltstone beds.

Abbreviations of Lithological Varieties

Amph.	Amphibolite (Rare)
And.,Andes	Andesite
bas	Basalt
Congl.	Conglomerate
Dio.,Dior.	Diorite
GrDio.	Granodiorite
lampr.	Lamprophyre
lmst., ls.	Limestone
MetAnd.	MetaAndesite
Monz.	Monzonite
Phr.Bx.	Phreatic Breccia
Qtz.Dior.	Quartz Diorite
Qtz. Monz.	Quartz Monzonite
Qtz.Syen.	Quartz Syenite
phyl.	Phyllite
Rhy.	Rhyolite
Sandst., ss.	Sandstone
Siltst., sst.	Siltstone
Syen.	Syenite
Trach.	Trachyte
Wcke,Qtz.Wcke.	Graywacke,Quartz Wacke

Mineralogical Abbreviations

biot., bio.	biotite
chl.	chlorite
diop.	diopside (Rare)
ep.,epid.	epidote
fel.,feld.	feldspar
gal., gn.	galena
haem., hem.	haematite
hbl., hb.	hornblende
K–spar	potassium feldspar
lim.,limon.	limonite
mag.	magnetite
mal.	malachite
oliv.	olivine
plag.	plagioclase
pyr.,py.	pyrite
qz.	quartz
sider.	siderite
scap.	scapolite (rare)
tour.	tourmaline (rare)
vesuv.	vesuvianite (rare)
woll.	wollastonite (rare)

Abbreviations of Modifiers

alt?d, alt.	altered
amyg.	amygdule, amnydaloidal
aph.	aphanitic
bx.,brx.	brecciated
c.g.,c.grnd.	coarse grained
C.I.	colour index
clay	clay
carb.	carbonate
C.P.	claim post
col.	columnar jointing
dy.	dyke
epic.	epiclastic (rare)
fel.	felsic
fr.	fresh
f.g.,f.grnd.	fine grained
Fe–st.	Fe–mineral stained
frag.	fragment
Gneis.	gneissic texture
inter.	interbedded ,intercalated

Legend

	Lithological(known), Outcrop Boundary
	Lithological(inferred), Outcrop Boundary
H211 □	Heavy Mineral Sample Location
S125 △	Silt Sample Location
RS 56921 ×	Rock Sample Location
	Index Formline
	Indefinite Index Formline
	Intermediate Formline
	Indefinite Intermediate Fromline
	River
	Stream
	Lake
	Bedding Tops Known
	Foliation
	Slaty Cleavage
	S1 Slaty Cleavage
	Vien Orentation
	Cleavage
DDH–## ⊕	DDH 1996 Drilling
DDH–##	DDH Proposed
DDH–## ●	DDH Historic

Sheet Key
1
2
3
4

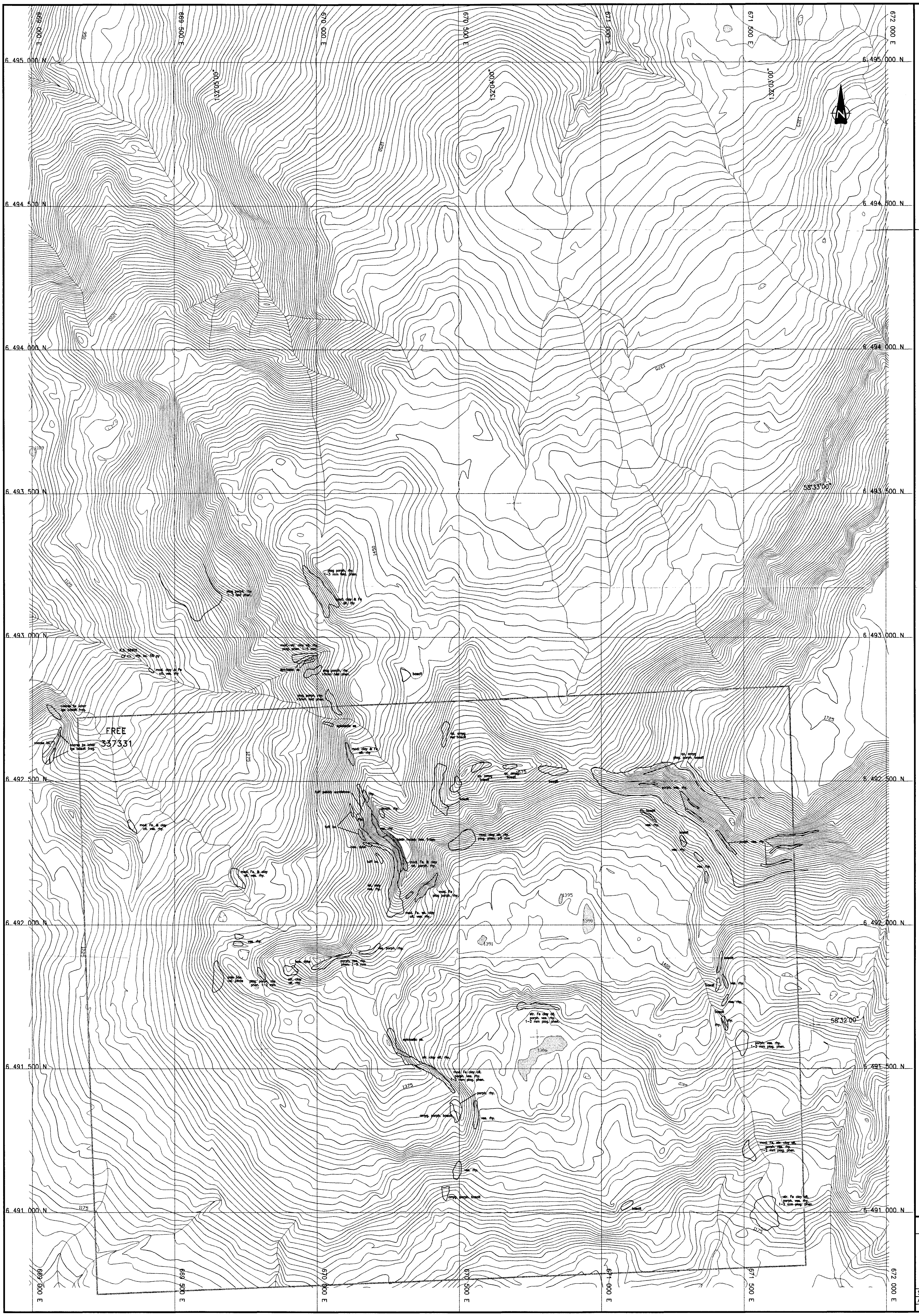
50 0 50 100 150 200 250
METRES
formline interval 5m

U.S. DIAMOND CORP.

SHESLAY & FREE CLAIMS

GEOLOGY, SILT and HEAVY MINERAL SAMPLES MAP

SCALE: 1:5,000	NTS: 104K/9	DATE: MARCH,1997
APPROVED BY: D.I.A.	FILE: HPDWG3.DWG	MAP NO. 3
CANAMERA GEOLOGICAL LTD.		



(4)

SHESLAY AND FREE LEGEND

PLIOCENE – PLEISTOCENE LEVEL MOUNTAIN FORMATION

Basalt: Medium to usually dark grey to black;rarely dark red. Hard, fresh, massive, rarely aphanitic to generally porphyritic and amygdaloidal. 0–15%,1–5mm (rarely 15 mm) subhedral white to light green plagioclase phenocrysts,0–7%,1–3 mm medium green olivine and 0–3%,1–2 mm dark green subhedral pyroxene. 0–25% (commonly 10%), 3–20mm amygdules–mainly quartz, minor zeolites, carbonates, rare iron oxides and epidote. Local rusty staining. Local excellent columnar jointing.

Lahar: Beige to buff matrix, black, more rarely green fragments. About 60% very coarse (often>1 m) heterolithic fragments,usually basalt, less commonly rhyolite and rarer,1–7 cm dark grey siltstone in a fine tuffaceous matrix.

TERTIARY HEART PEAKS FORMATION

Phreatic Breccia: Aphanitic, beige to light brown matrix. 30–60% ,0.2–3 (rarely 7) mm, mainly slighity porphyritic, light grey to light green rhyolite clasts and trace–7%, 0.2–1 cm dark gray siltstone clasts in a very fine grained matrix Minor to 15% euhedral, elongate adularia crystals in both clasts and matrix.

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LOWER JURASSIC TAKWAHONI FORMATION

Greywacke and Quartz Wacke: Beige to light brown. Medium to coarse grained, sub–equal, 40–60%, 0.5–3 mm feldspar and lithic clasts in a very fine grained matrix. Non–discernable bedding planes. Quartz wacke is simialar, with 20% quartz grains.

Lithic Arkose: Beige to buff. Pebbly, 0.5–3 mm, 65% clasts, mainly feldspar and porphyritic rhyolite grains,locally interbedded with 1–3 cm siltstone beds.

ABBREVIATIONS OF LITHOLOGICAL VARIETIES

Amph.	Amphibolite (Rare)
And.,Andes	Andesite
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Dio.,Dior.	Diorite
GrDio.	Granodiorite
lampr.	Lamprophyre
lmst., ls.	Limestone
MetAnd.	MetaAndesite
Monz.	Monzonite
Phr.Bx.	Phreatic Breccia
Qtz.Dior.	Quartz Diorite
Qtz. Monz.	Quartz Monzonite
Qtz.Syen.	Quartz Syenite
phyl.	Phyllite
Rhy.	Rhyolite
Sandst., ss.	Sandstone
Siltst., sst.	Siltstone
Syen.	Syenite
Trach.	Trachyte
Wcke,Qtz.Wcke.	Graywacke,Quartz Wacke

MINERALOGICAL ABBREVIATIONS

biot., bio.	biotite
chl.	chlorite
diop.	diopside (Rare)
ep.,epid.	epidote
fel.,feld.	feldspar
gal., gn.	galena
haem., hem.	haematite
hbl., hb.	hornblende
K–spar	potassium feldspar
lim.,limon.	limonite
mag.	magnetite
mal.	malachite
oliv.	olivine
plag.	plagioclase
pyr.,py.	pyrite
qz.	quartz
sider.	siderite
scap.	scapolite (rare)
tour.	tourmaline (rare)
vesuv.	vesuvianite (rare)
woll.	wollastonite (rare)

ABBREVIATIONS OF MODIFIERS

alt?d, alt.	altered
amyg.	amygdule, amnydaloidal
aph.	aphanitic
bx.,brx.	brecciated
c.g.,c.grnd.	coarse grained
C.I.	colour index
clay	clay
carb.	carbonate
C.P.	claim post
col.	columnar jointing
dy.	dyke
epic.	epiclastic (rare)
fel.	felsic
fr.	fresh
f.g.,f.grnd.	fine grained
Fe–st.	Fe–mineral stained
frag.	fragment
Gneis.	gneissic texture
inter.	interbedded ,intercalated

Legend

	Lithological(known), Outcrop Boundary
	Lithological(inferred), Outcrop Boundary
H211 □	Heavy Mineral Sample Location
S125 △	Silt Sample Location
RS 56921 ×	Rock Sample Location
	Index Formline
	Indefinite Index Formline
	Intermediate Formline
	Indefinite Intermediate Fromline
	River
	Stream
	Lake
	Bedding Tops Known
	Foliation
	Slaty Cleavage
	S1 Slaty Cleavage
	Vien Orentation
	Cleavage
DDH–# ⊕	DDH 1996 Drilling
DDH–#	DDH Proposed
DDH–# ●	DDH Historic

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,151

(4)

Sheet Key

1
2
3
4

50 0 50 100 150 200 250
METRES

formline interval 5m

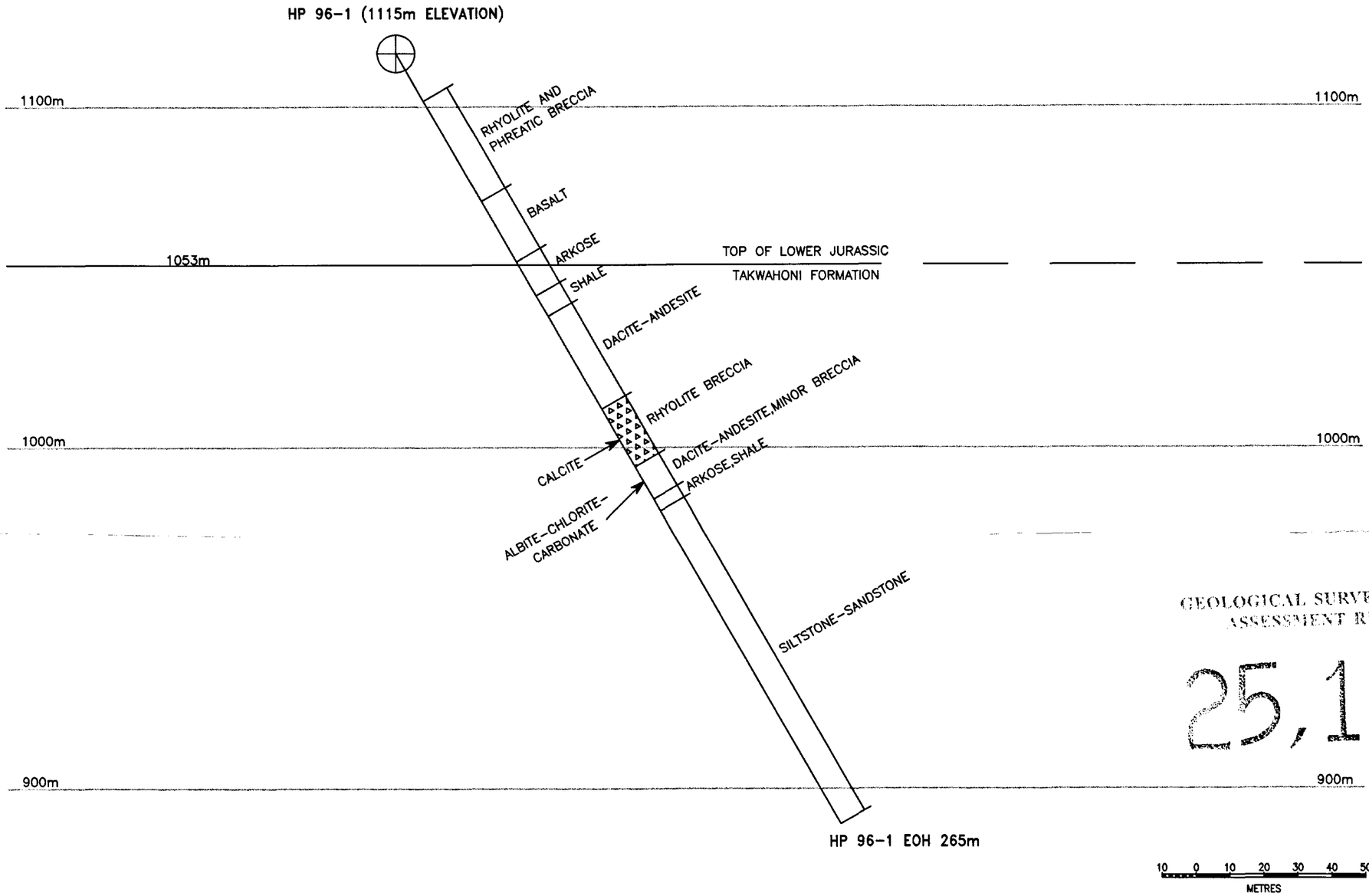
U.S. DIAMOND CORP.

SHESLAY & FREE CLAIMS

GEOLOGY, SILT and HEAVY MINERAL SAMPLES MAP

SCALE: 1:5,000	NTS: 104K/9	DATE: MARCH,1997
APPROVED BY: D.I.A.	FILE: HPDWG4.DWG	MAP NO. 4

CANAMERA GEOLOGICAL LTD.



U.S. DIAMOND CORP.

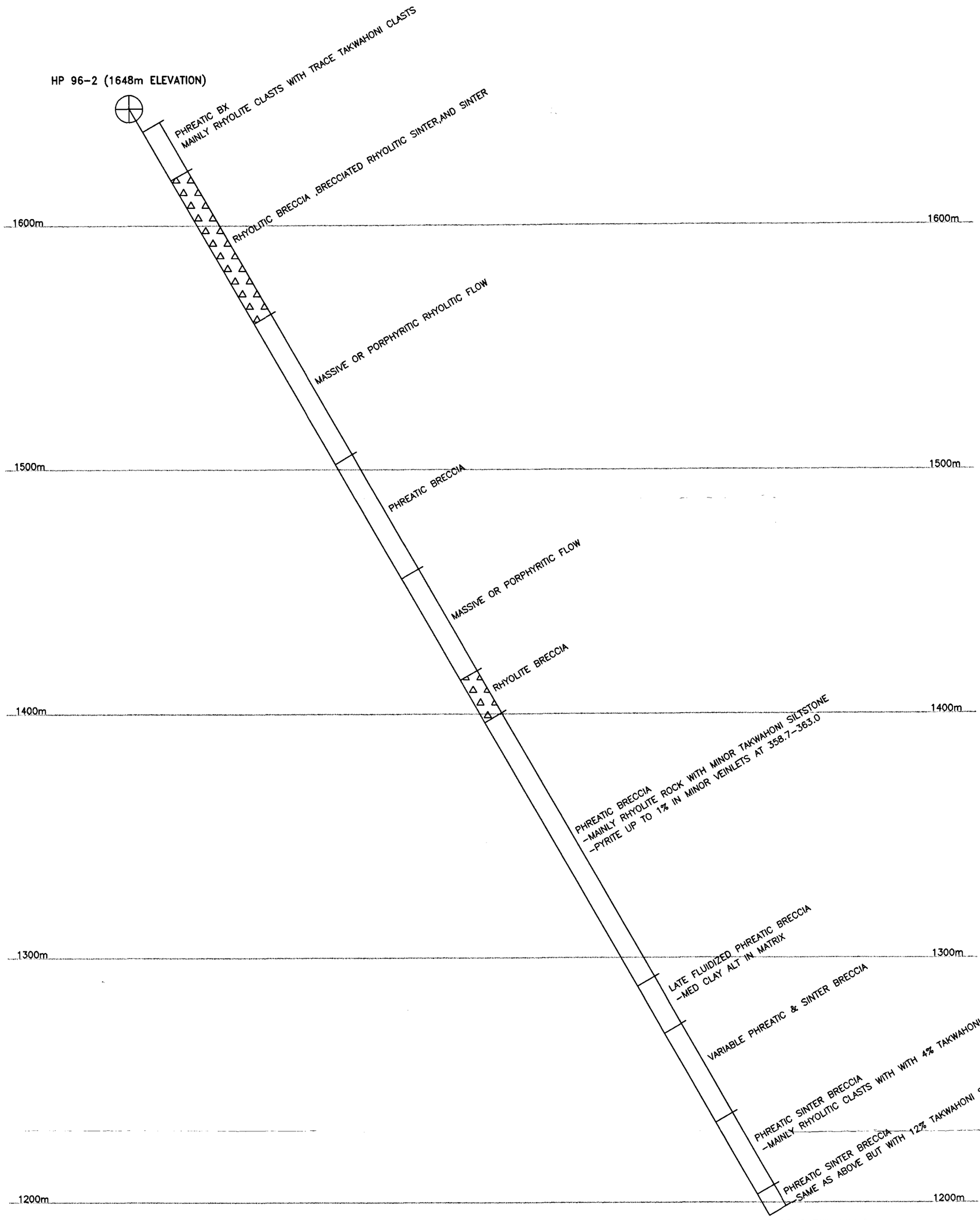
SHESLAY and FREE CLAIMS

SECTION THROUGH DDH HP-96-1
AT 115°
LOOKING NORTH

SCALE: 1:1,000	NTS: 104K/9	DATE: MARCH,1997
APPROVED BY: D.I.A.	FILE: HPDWG5.DWG	MAP NO. 5

CANAMERA GEOLOGICAL LTD.

(6)



10 0 10 20 30 40 50
METRES

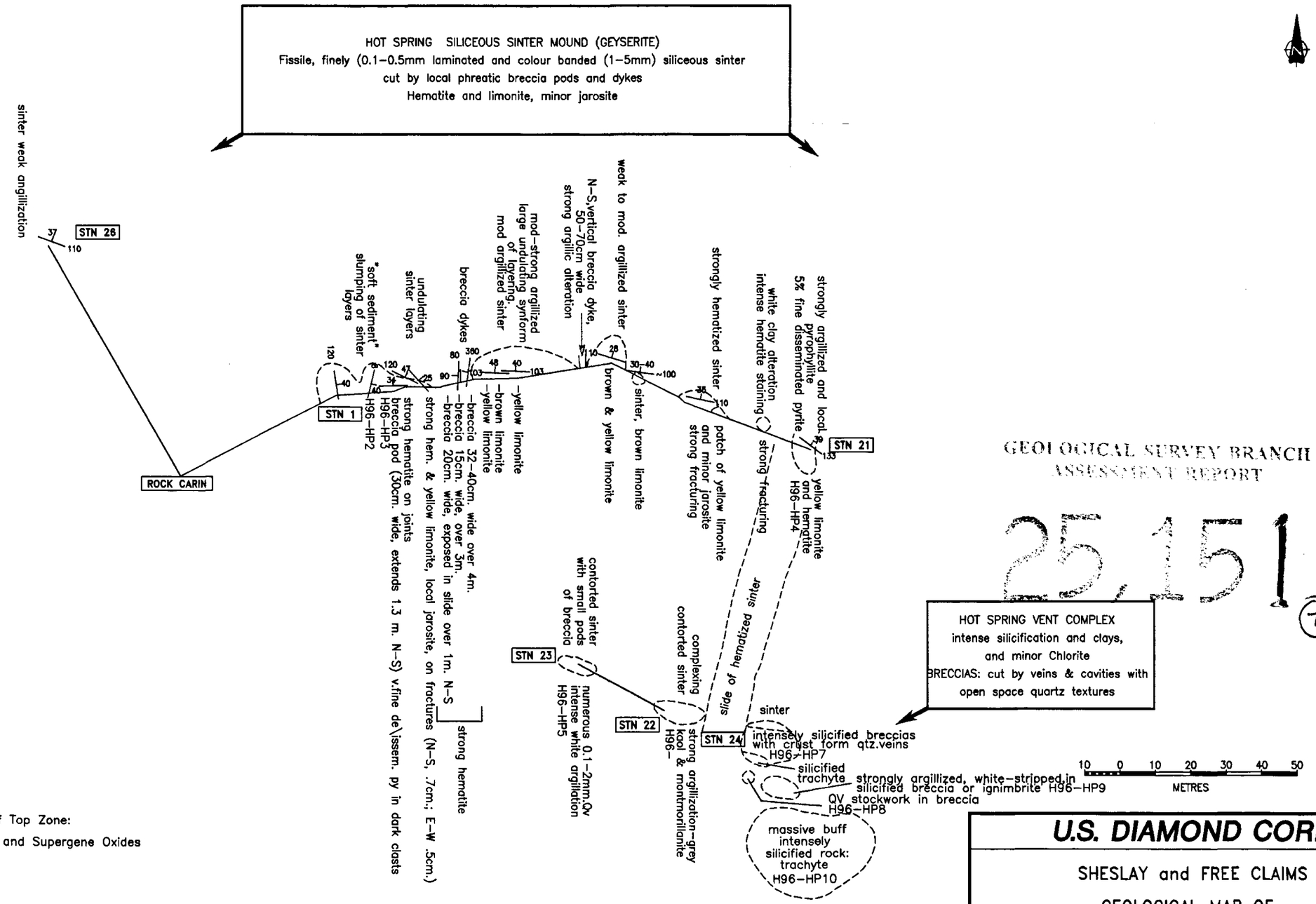
U.S. DIAMOND CORP.

SHESLAY and FREE CLAIMS

SECTION THROUGH DDH HP-96-2
AT 090°
LOOKING NORTH

SCALE: 1:1,000	NTS: 104K/9	DATE: MARCH,1997
APPROVED BY: D.I.A.	FILE: HPDWG5.DWG	MAP NO. 6

CANAMERA GEOLOGICAL LTD.



Geological Map of South Part of Top Zone:
Lithologies; Wall–Rock Alteration and Supergene Oxides

Mapped by S.Hayes
Aug. 1996

U.S. DIAMOND CORP.

SHESLAY and FREE CLAIMS

GEOLOGICAL MAP OF
SOUTH PART OF TOP ZONE

SCALE: 1:1,000	NTS: 104K/9	DATE: MARCH,1997
APPROVED BY: D.I.A.	FILE: HPDWG7.DWG	MAP NO. 7

CANAMERA GEOLOGICAL LTD.

SHESLAY 5
337336

SHESLAY 6
337337

SHESLAY 3
337334

SHESLAY 4
337335

669 500 E
670 000 E
670 500 E
671 000 E
671 500 E
672 000 E
672 500 E

6499 500 N
6499 000 N
6498 500 N
6498 000 N
6497 500 N
6497 000 N
6496 500 N
6496 000 N
6495 500 N

IP GRID

SHESLAY 3
337334

SHESLAY 4
337335

SHESLAY 1
337332

SHESLAY 2
337333

GEOCHEM GRID

Legend

- Soil Sample Location
- Index Formline
- Indefinite Index Formline
- Intermediate Formline
- Indefinite Intermediate Fromline
- River
- Stream
- Lake

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,151

50 0 50 100 150 200 250
METRES

formline interval 5m

(8)

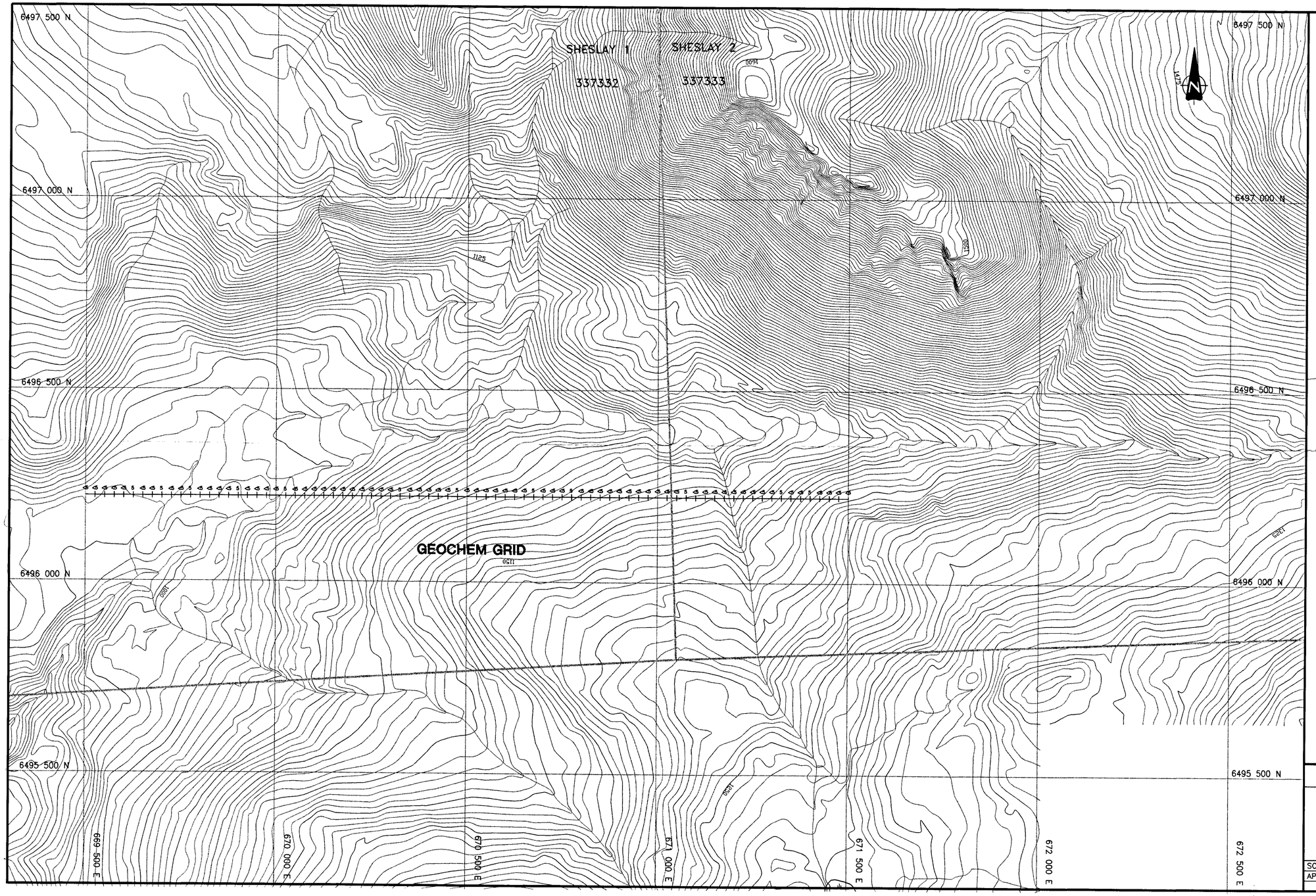
U.S. DIAMOND CORP.

SHESLAY & FREE CLAIMS

IP and SOIL SAMPLE GRID

SCALE: 1:5,000	NTS: 104K/9	DATE: MARCH,1997
APPROVED BY: D.I.A.	FILE: HPDWG8.DWG	MAP NO. 8

CANAMERA GEOLOGICAL LTD.



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,151

SAMPLE LOCATION AND RESULT (9)

50 0 50 100 150 200 250
METRES

formline interval 5m

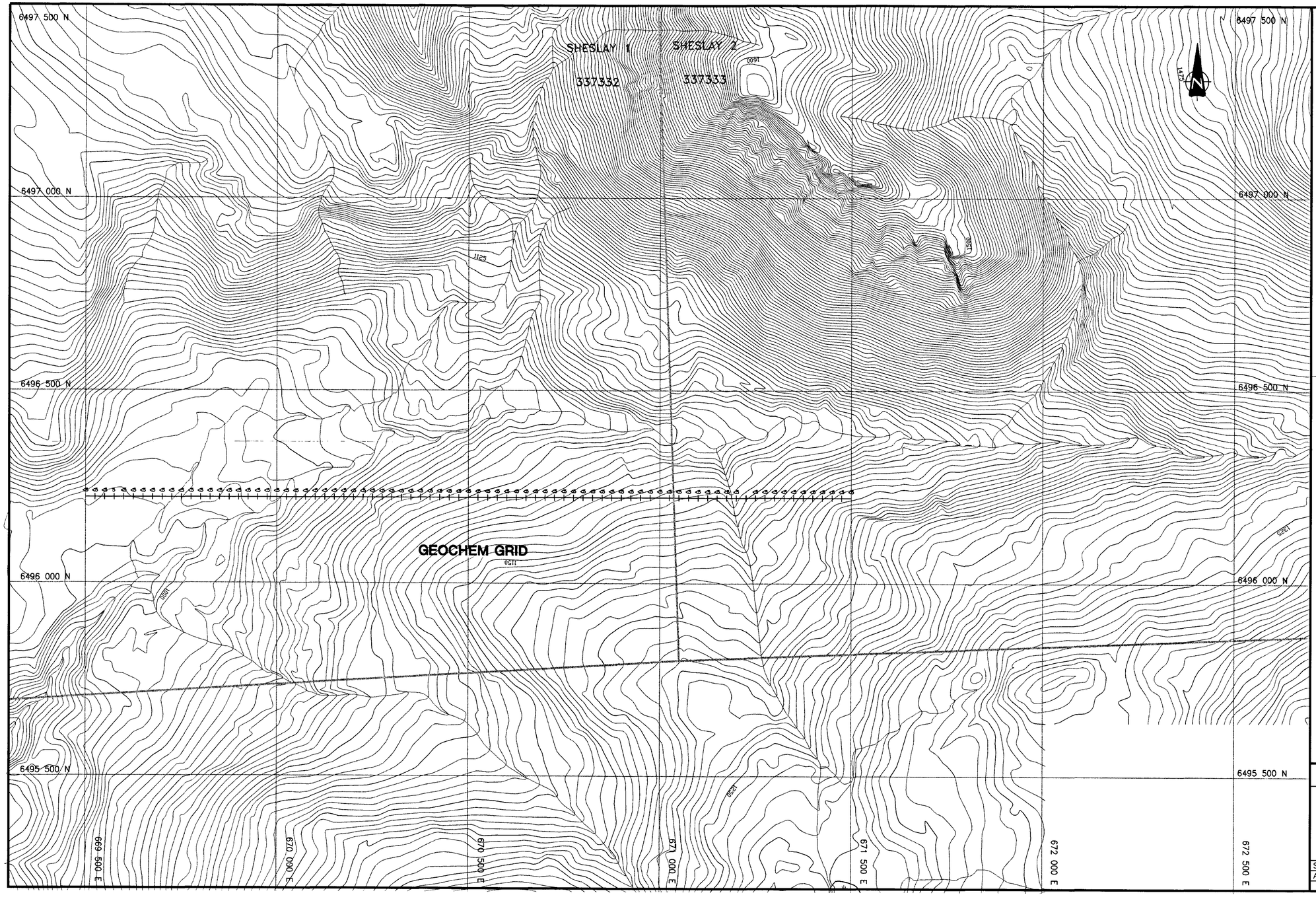
U.S. DIAMOND CORP.

SHESLAY & FREE CLAIMS

Ag GEOCHEMISTRY

SCALE: 1:5,000	NTS: 104K/9	DATE: MARCH, 1997
APPROVED BY: D.I.A.	FILE: HPDWG9.DWG	MAP NO. 9

CANAMERA GEOLOGICAL LTD.



SAMPLE LOCATION AND RESULT

50 0 50 100 150 200 250
METRES
formline interval 5m

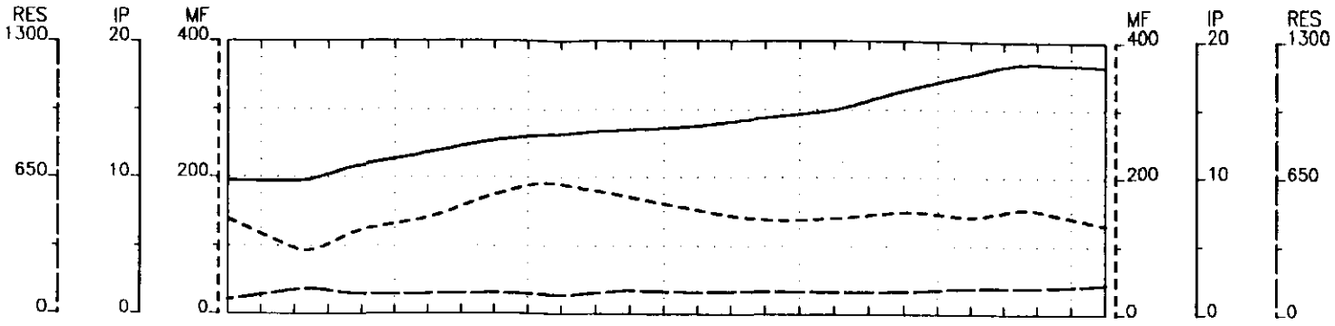
U.S. DIAMOND CORP.

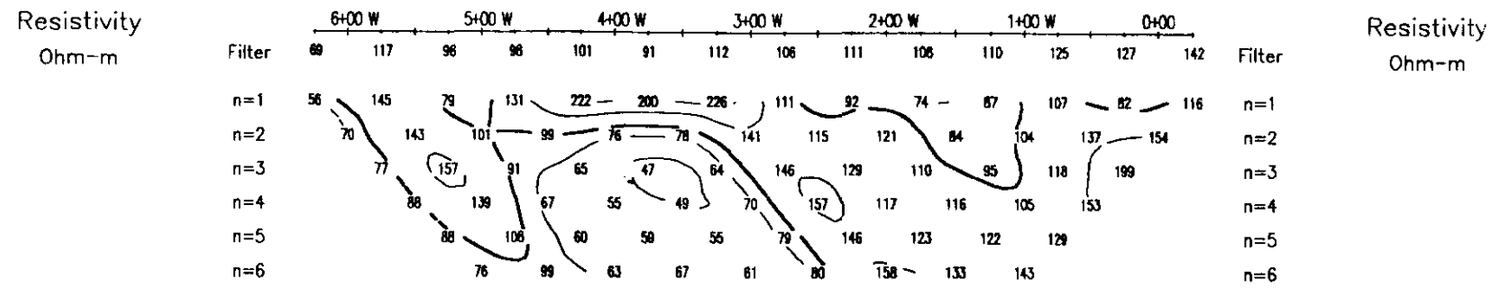
SHESLAY & FREE CLAIMS

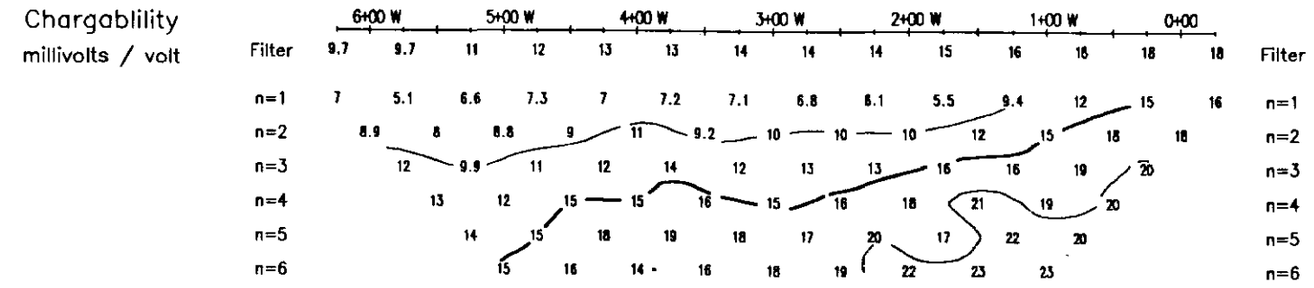
As GEOCHEMISTRY

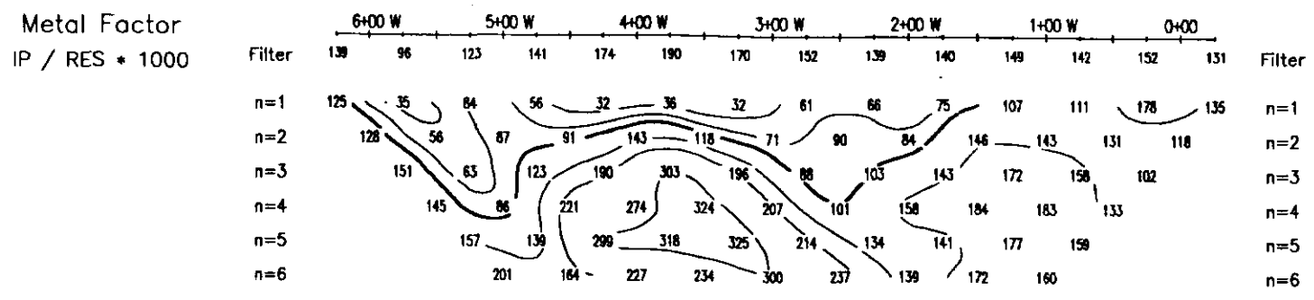
SCALE: 1:5,000	NTS: 104K/9	DATE: MARCH,1997
APPROVED BY: D.I.A.	FILE: HPDWG10.DWG	MAP NO. 10

CANAMERA GEOLOGICAL LTD.

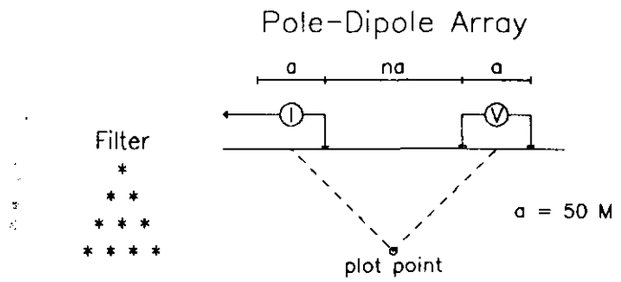








Line 1400 N



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,..

INTERPRETATION

Well defined, strong increase in polarization with or without marked decrease in resistivity.

Fairly well defined moderate increase in polarization.

Poorly defined polarization increase.

Resistivity feature.

Scale 1:5000

50 0 50 100 150 200 250 300

(meters)

25151

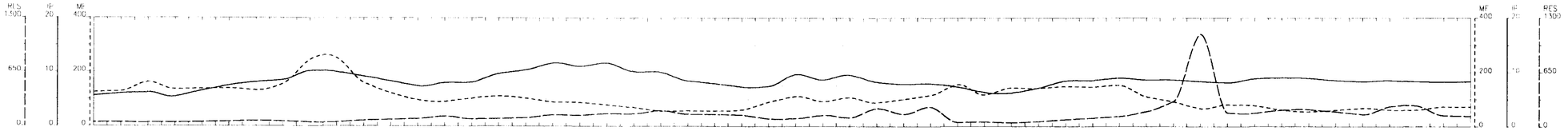
11

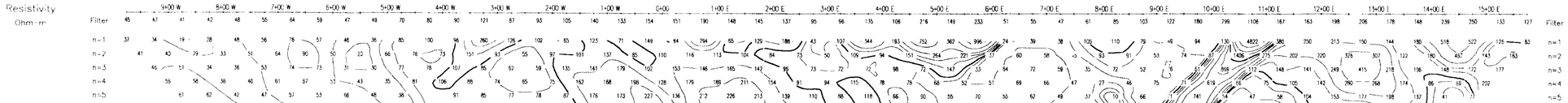
CANAMERA GEOLOGICAL LTD.

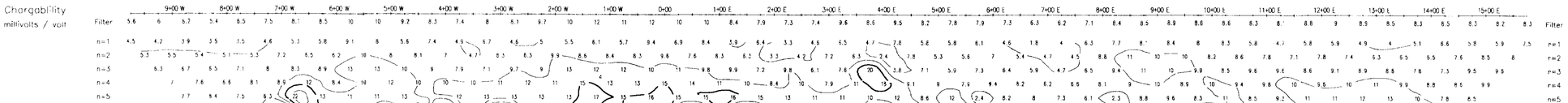
INDUCED POLARIZATION SURVEY
HEART PEAKS PROPERTY
TATSAMENIE LAKE AREA, BRITISH COLUMBIA

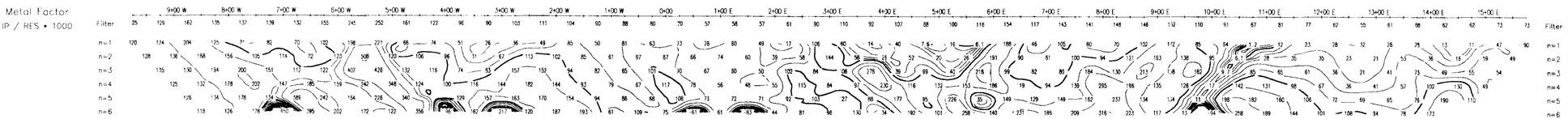
August 1996 Map11 NTS. 104K/9

PETER E. WALCOTT & ASSOC. LTD.



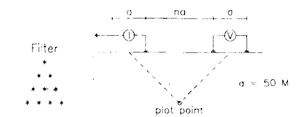






Line 1500 N

Pole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, . . .

INTERPRETATION

Well defined, strong increase in polarization with or without marked decrease in resistivity.

Fairly well defined moderate increase in polarization.

Poorly defined polarization increase.

Resistivity feature.

Scale 1:5000

50 0 50 100 150 200 250 300
(meters)

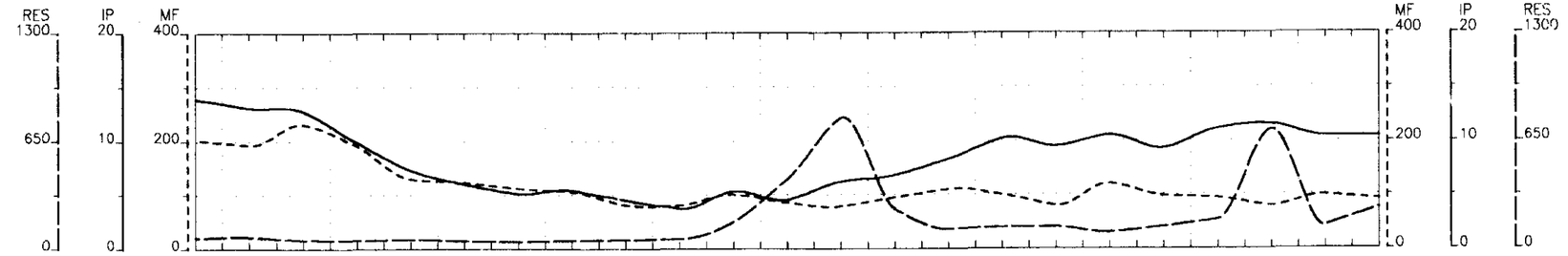
25151
12

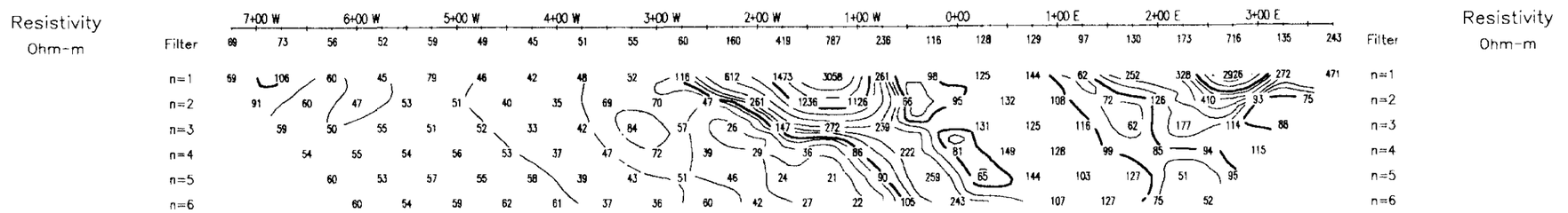
CANAMERA GEOLOGICAL LTD.

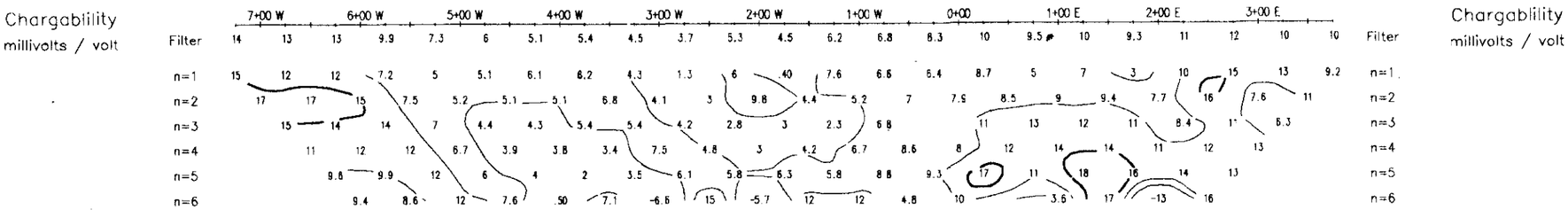
INDUCED POLARIZATION SURVEY
HEART PEAKS PROPERTY
TATSAMENIE LAKE AREA, BRITISH COLUMBIA

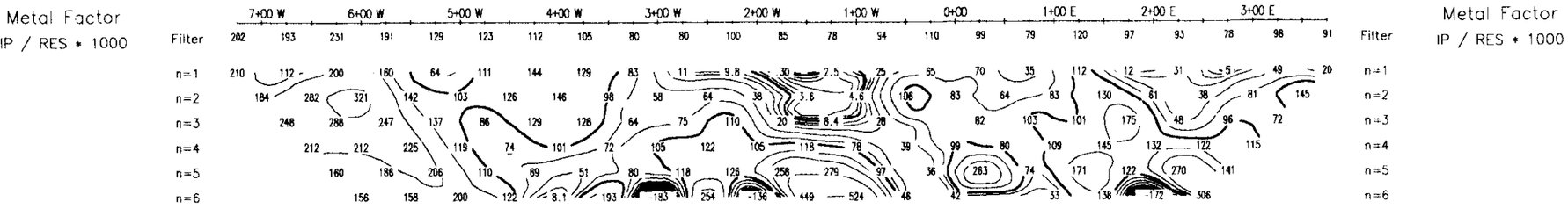
August '96 Map 12 NTS. 104K/9

PETER E. WALCOTT & ASSOC. LTD.

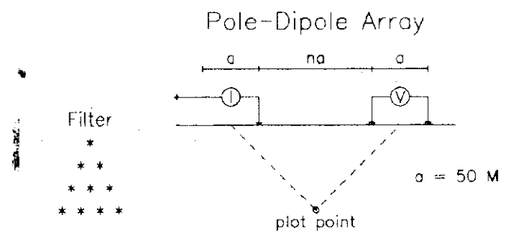








Line 1800 N



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, . .

INTERPRETATION

Well defined, strong increase in polarization with or without marked decrease in resistivity.

Fairly well defined moderate increase in polarization.

Poorly defined polarization increase.

Resistivity feature.

Scale 1:5000

50 0 50 100 150 200 250 300

(meters)

25151 (13)

CANAMERA GEOLOGICAL LTD.

INDUCED POLARIZATION SURVEY
HEART PEAKS PROPERTY
TATSAMENIE LAKE AREA, BRITISH COLUMBIA

August 1996 Map 13 NTS. 104K/9

PETER E. WALCOTT & ASSOC. LTD.