

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 89.08.12

ASSESSMENT REPORT 18026

MINING DIVISION: Omineca

PROPERTY: Beachview
 LOCATION: LAT 57 15 00 LONG 127 04 00
 UTM 09 6346658 616652
 NTS 094E03E 094E04E 094E06E 094E07E

CAMP: 051 Toodoggone Camp

CLAIM(S): Heckle, Jeckle, Jerry, Lac Noir, Met II, Ursus I-IV, Oro I-II
 OPERATOR(S): Beachview Res.
 AUTHOR(S): Adamec, J.D.
 REPORT YEAR: 1988, 88 Pages

COMMODITIES

SEARCHED FOR: Gold

GEOLOGICAL

SUMMARY:

The Toodoggone River area lies within the eastern margin of the Intermontane Belt. The oldest rocks exposed are wedges of crystalline limestone that have been correlated with the Permian Asitka Group. Andesitic flows and pyroclastic rocks belong to the Late Triassic Takla Group. The Omineca intrusions granodiorite to quartz monzonite, are Jurassic and Cretaceous age. The Toodoggone volcanics overlie the Takla Group. The belt is north-west trending. Four mineral types are recognized: porphyry, skarn, stratabound and epithermal.

WORK
 DONE: Geological, Geochemical
 GEOL 2500.0 ha
 ROCK 110 sample(s) ;AU,AG,AS,CU,MO,PB,ZN
 SOIL 473 sample(s) ;AU,AG,AS,CU,MO,PB,ZN
 Map(s) - 5; Scale(s) - 1:10 000

MINFILE: 094E 051

LOG NO: 1122

RD.

ACTION:

FILE NO:

FILMED

REPORT ON THE TOODOGGONE PROPERTIES

TOODOGGONE RIVER AREA

LIARD AND OMINECA MINING DIVISION, B.C.

NTS 94E/3,4,6,7,11

Latitude: 126° 54' to 127° 22' W

Latitude: 57° 15' to 57° 34' N

FOR

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1730 - 999 Hastings Street
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BY

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V7Y 1G5

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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SUMMARY

This report was prepared at the request of Beachview Resources Ltd. to evaluate and describe the results of geological-geochemical surveys on five different properties located in the Toodoggone River Area, approximately 300 km north of Smithers, B.C. Access is by fixed wing aircraft to the Sturdee Airstrip, then by helicopter to the various claims.

The area described as the Toodoggone Gold Camp was explored in the late 1960's for base metal deposits associated with intrusives and later in the 1970's for precious metal deposits. Mineralization in this gold belt is represented by four main mineral deposit types:

- porphyry, mainly associated with omineca intrusions.
- skarn, contact of limestone and intrusive rock
- stratabound, occurring in or adjacent to limestone with interbedded chert
- epithermal - occurring mostly in Toodoggone and Tackla volcanics

Of the four, the epithermal type is the most common.

It usually occurs as massive quartz veins or as silicified zones and amethystine breccia zones. The epithermal deposits are generally associated with siliceous volcanic centers, exhalative vents and zones of alteration within the Toodoggone volcanics and are usually at close proximity of major northwest striking faults. Quartz, barite and carbonate are the chief gangue minerals. The vein minerals are acanthite, pyrite, electrum, chalcopyrite, native gold, sphalerite and galena.



Exploration work in the Toodoggone River Area since the 1960's has lead to the discovery of a number of mineral deposits including Baker (Chapelle) gold mine, Cheni gold mine (Lawyers deposit) and Energex's A1 property.

All of the properties discussed in this report are in a favourable geological environment and share a number of similarities to various proven or potential ore deposits in very close proximity.

Previous work on the properties consisted of regional airborne geophysical survey and/or ground geophysical survey and/or geological mapping and/or geochemical sampling.

The 1988 exploratory work, consisting of rock, soil and stream sampling in selected areas of the properties, has returned generally encouraging results. The programs have confirmed, further defined and discovered several zones of interest. Anomalous values were reported from Ursus/Oro property with gold values up to 618 ppb and silver up to 106.0 ppm with very high copper (2.1%) from rock samples and 1180 ppb Au from Met/Gord property.

Based on trace elements and gold assay results, the properties have good potential for hosting precious and base metal mineralization.

Further exploration of the subject properties is warranted and recommended by the author.



INTRODUCTION

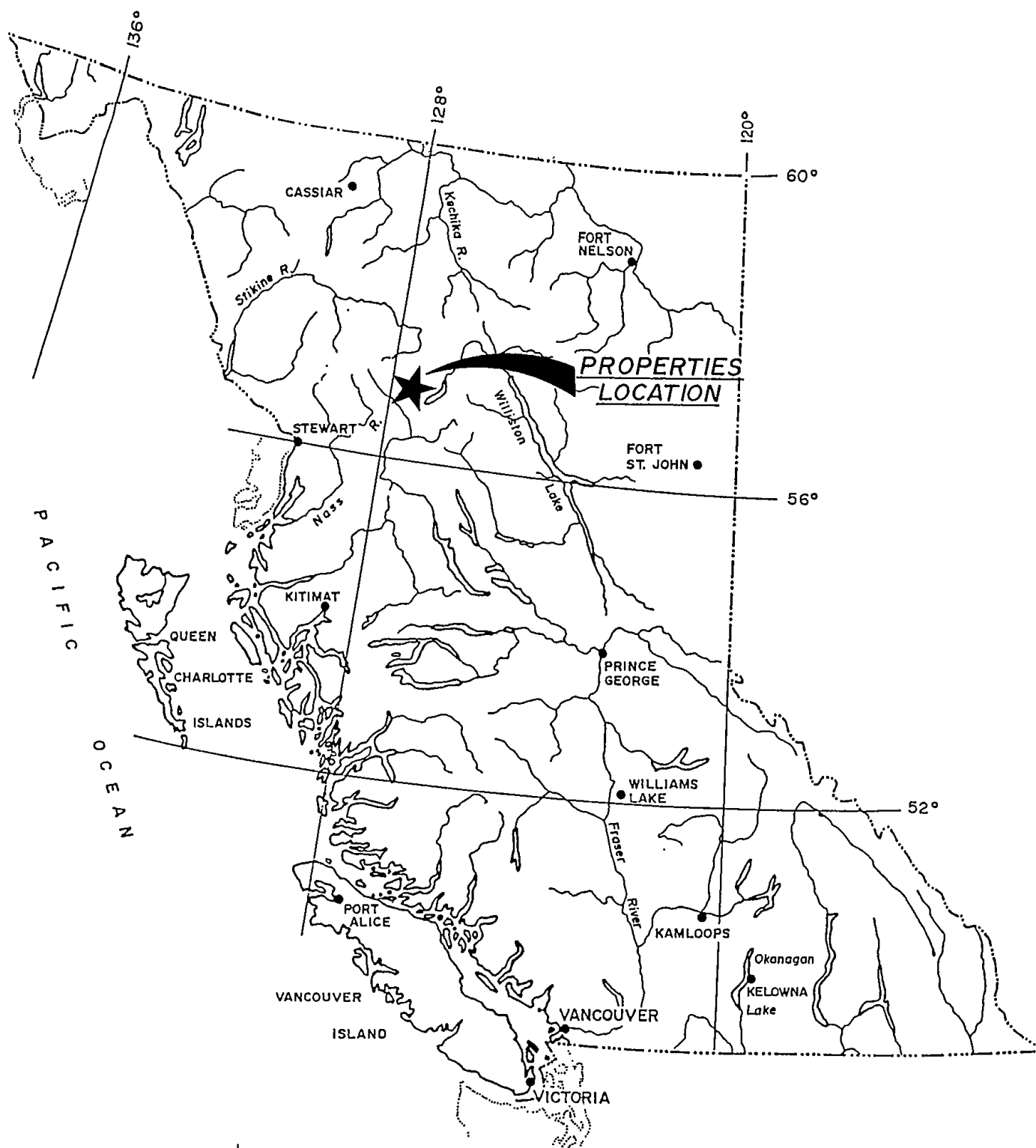
Pursuant to the request of Beachview Resources Ltd., Hi-Tec Resource Management Ltd. conducted a mineral exploration program on the Beachview properties in the Toodoggone River Area between August 6 and August 22, 1988, by a four men crew composed of 2 geologists (J. D. Adamec and W. R. Kushner) and 2 geological technicians (Z. Bobinski and S. Carnogursky) from the Sturdee River Airstrip with daily helicopter support. This program consisted of rock sampling, stream sampling, soil sampling, prospecting and limited geological mapping.

These methods provided the swiftest and most economical means of further defining and extending known precious metal and base metal anomalous zones and detecting similar mineralization.

GENERAL LOCATION AND ACCESS

The Beachview properties are located in the Toodoggone River Area, roughly 300 km north of the town of Smithers, B.C. (Figure 1). The claims lie at approximately geographic coordinates $57^{\circ} 34'$ North Latitude, $127^{\circ} 22'$ West Longitude, (Figure 2) on NTS Map Sheets 94 - E/3, 4, 6, 7 and 11. Immediate access on the properties is by helicopter from Sturdee River Airstrip. Sturdee River Airstrip is accessible by fixed wing aircraft or by the Omineca Mining Road from Germanson Landing 250 km northwest. Driving time is 15 - 20 hrs.





0 100 200 300 400 500 km

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TOODOGGONE PROPERTIES

GENERAL LOCATION MAP



HI-TEC
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SCALE: 1:10,000,000	N.T.S. 94/E	FIGURE No: 1
DWN. BY: J.S.	DATE: Nov./1988	FILE No:
CHKD. BY: D. Adamec	PROJECT No: 88BC030	

HISTORY

The Toodoggone River area was investigated for placer gold in the 1920's and 1930's. Most of this work was directed towards extensive gravel deposits principally near the junction of the Clair Creek and the Toodoggone River.

The area described as the Toodoggone Gold Camp was explored in the late 1960's for precious metal epithermal vein type deposits. Within a northwest trending belt roughly 20 km wide and 100 km long, four sizeable deposits have been defined.

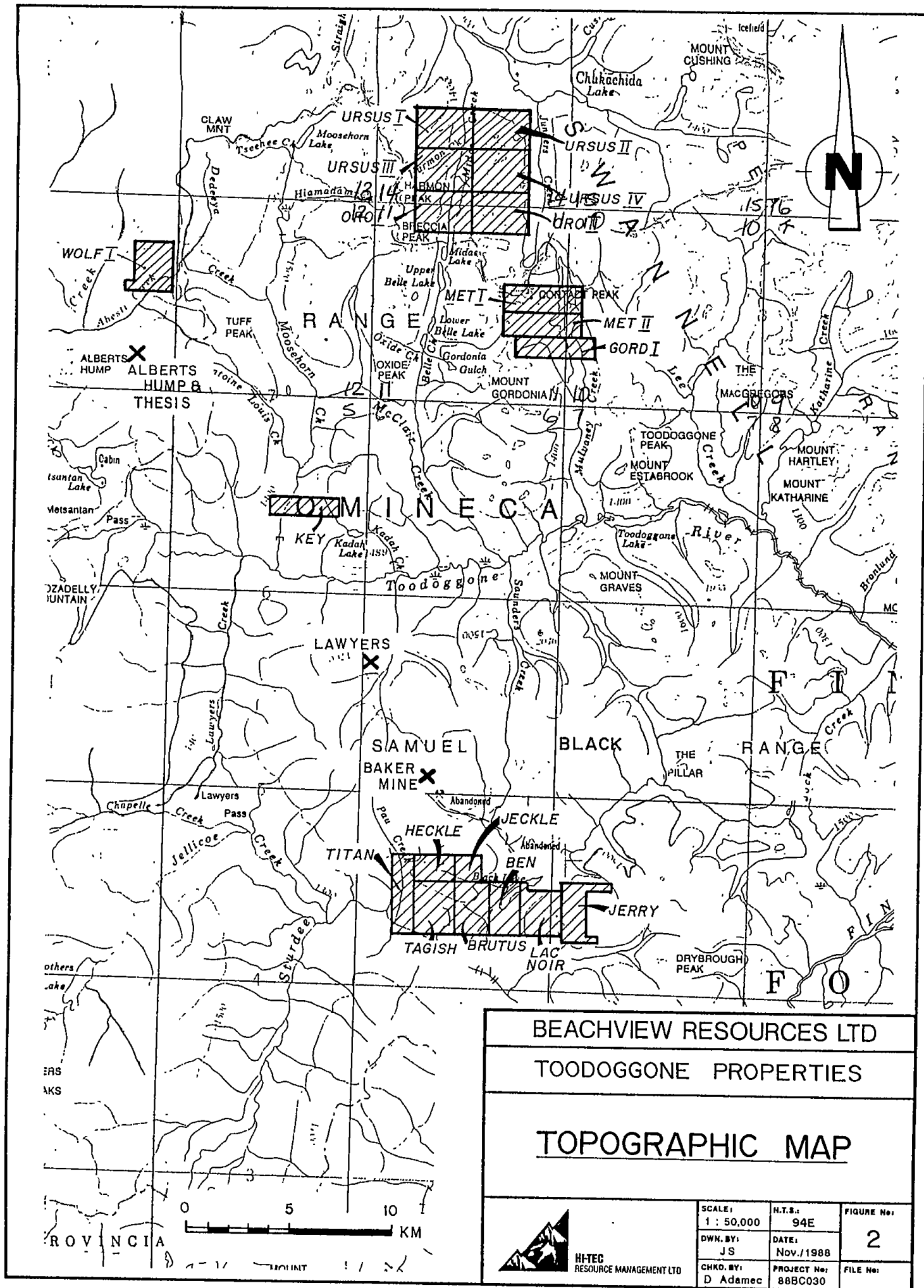
A summary of these properties is presented in Table 1.

TABLE 1: Production and Reserves, Toodoggone Gold Camp

<u>Company Name</u>	<u>Property Name</u>	<u>Reserves (tons)</u>	<u>Gradesg/t(oz/t)</u>	
			<u>Au</u>	<u>Ag</u>
Cheni Gold Mines Ltd.	Lawyers	1,037,000	7.2 (0.21)	260 (7.61)
Multinational Resources Inc.	Baker (Chapelle)	85,500	15.00 (0.44)	297.8 (8.68)
Energex Minerals	Al, Moose, JD	269,000	8.51 (0.248)	---
International Shasta	SHAS	2,400,000	2.7 (0.079)	---
	(inc.)	520,000	5.9 (0.172)	---

During the past four years numerous companies explored over 3,000 mineral claims in the Toodoggone area.





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TOODOGGONE PROPERTIES

TOPOGRAPHIC MAP



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SCALE: 1 : 50,000	H.T.S.: 94E	FIGURE No: 2
DWN. BY: JS	DATE: Nov./1988	
CHKD. BY: D Adamec	PROJECT No: 88BC030	FILE No:

REGIONAL GEOLOGY AND MINERALIZATION

The Toodoggone River area geology has been described by Carter (1972) and Schroeter (1981), with additional work by Diakow (1984) and Panteleyev (1985). The regional geology in detail is by T. G. Schroeter (1981) as follows:

" The Toodoggone River area lies within the eastern margin of the Intermontane Belt. The oldest rocks exposed are wedges of crystalline limestone more than 150 meters thick that have been correlated with the Asitka Group of Permian Age. The next oldest rocks consist of andesitic flows and pyroclastic rocks including augite-tremolite andesite porphyries and crystal and lapilli tuffs that belong to the Takla Group of Late Triassic age. The Omineca intrusions of Jurassic and Cretaceous age (potassium-argon age of 186 to 200 Ma obtained by the Geological Survey of Canada) range in composition from granodiorite to quartz monzonite. Some syenomonzonite bodies and quartz feldspar porphyry dykes may be feeders to the Toodoggone rocks which unconformably overlie the Takla Group. The 'Toodoggone' volcanic rocks (named informally by Carter, 1971) are complexly intercalated volcanic and volcanic-sedimentary rocks of Early and Middle Jurassic age, 500 meters or more in thickness, along the west flank of a northwesterly trending belt of 'basement' rocks at least 90 kilometers in length by 15 kilometers in width (Geological Survey of Canada, Open File 306, replaced by Open Files 483 and 606). A potassium-argon age of 186 ± 6 Ma was obtained by Carter (1971) for a hornblende separate from a sample collected from a volcanic sequence 14 kilometers southeast of Drybrough Peak. Four principal subdivisions of 'Toodoggone' rocks have been recognized:

- 1) Lower volcanic division - dominantly pyroclastic assemblage including purple agglomerate and grey to grey to purple dacitic tuffs.
- 2) Middle volcanic division - an acidic assemblage including rhyolites, dacites, 'orange' crystal to lithic tuffs, and quartz feldspar porphyries; includes welded tuff. The 'orange' colour of the tuffs resulted from oxidation of the fine-grained matrix while the rock was still hot. A coeval period of explosive volcanism included the formation of 'laharic' units and



intrusion of syenomonzonite bodies and dykes. This event was accompanied by explosive brecciation along the zones of weakness, predominantly large-scale faults and attendant splays, followed by silicification and deposition of precious and base metals to varying degrees in the breccias. Rounded fragments of Omineca intrusive rocks are rare components in Toodoggone tuffs.

3) Upper volcanic-intrusive division - grey to green to maroon crystal tuffs and quartz-eye feldspar porphyries.

4) Upper volcanic-sedimentary division - lacustrine sedimentary rocks (sometimes varved), stream bed deposits, and possible local fan conglomerate deposits and interbedded tuff beds.

Many Toodoggone rocks have a matrix clouded with fine hematite dust implying a subaerial origin, however, some varieties may have accumulated in shallow water. The host rock for mineralization (division 2) is an orange to chocolate brown-coloured crystal tuff with varying minor amounts of lithic and vitric ash. Broken crystals of plagioclase and quartz are set in a fine-grained 'hematized' matrix of quartz and feldspar. The exact chemical composition(s) and rock name(s) await chemical analyses. Carter (1971) determined the composition of a suite of rocks collected from the Toodoggone area to range from latites to dacites (less than 30 weight per cent quartz); fused beads gave refractive indices between 1.505 and 1.535. Apatite may be a common accessory mineral.

To the west, Upper Cretaceous to Tertiary pebble conglomerates and sandstones of the Lower Tango Creek Formation of the Sustut Group (Eisbacher, 1971) unconformably overlie both Takla Group volcanic rocks and Toodoggone volcanic rocks.

The structural setting was probably the most significant factor in allowing mineralizing solutions and vapour to migrate through the thick volcanic pile in the Toodoggone area. The entire area has been subjected to repeated and extensive normal block faulting from Jurassic to Tertiary time. It is postulated that a northwesterly trending line of volcanic centres along a gold-silver-rich 'province' marks major structural breaks, some extending for 60 kilometers or more (for example, McClair Creek system, Lawyers system). Prominent gossans are often associated with structural zones but many contain only pyrite; sulphides occur as disseminations and fracture fillings.

in Toodoggone and Takla Group rocks. Thrusting of Asitka Group limestones over Takla Group rocks probably occurred during Middle Jurassic time.

Today Toodoggone rocks display broad open folds with dips less than 25 degrees. The Sustut Group sedimentary rocks have relatively flat dips and do not appear to have any major structural disruptions.

The Toodoggone area is host to many polymetallic mineral prospects and four main types are recognized:

1) 'Porphyry' copper+/-molybdenum+/-silver+/-gold - mainly associated with Omineca Intrusions. Chalcopyrite and pyrite, with or without molybdenite, occur in fractures, as disseminations, or in quartz veins within both intrusive and the host volcanic rocks (mainly Takla Group andesitic rocks). Secondary chalcocite and covellite may form layers up to 30 meters thick. In these 'porphyries', silver may exceed 3.1 grams per tonne (0.1 ounce per ton) and gold 0.47 gram per ton (0.015 ounce per ton) and therefore be economically significant [for example, Riga (MI 94E-3,4,5), Fin (MI 94E-16), Pillar (MI 94E-8), Rat (MI 94E-25), Mex (MI 94E-57), Kermess (94E-21)].

2) Skarn - contact of limestone and host rock resulting in formation of small bodies of magnetite, galena, and sphalerite [for example, Castle Mountain (MI 94E-27) and several other minor showings west of Duncan Lake].

3) Precious and base metal epithermal - gold+/-silver+/-copper+/-lead+/-zinc

a) Fissure-vein type - the most important economic type. It is associated with predominantly silicified zones (quartz veins and/or older volcanic 'centres') related to repeated, extensive block faulting and possible tensional fractures formed during late doming. Large and small-scale faulting were integral processes in the sequential development of calderas formed by progressive emplacement and subsequent collapse of different phases of composite magmas (batholiths). So far, no distinct superimposed complex zones have been identified as isolated calderas in the Toodoggone area. Many calderas have a moat structure around their periphery, which is infilled by lacustrine sedimentary and pyroclastic rocks, mainly volcanic ash, deposited penecontemporaneously in the moat. Local fanglomerate deposits form adjacent to the steeper walls away from tributary streams. In the Toodoggone area, recurrent faulting during crater building

would guide intrusions and the soft lacustrine sedimentary rocks may have an impermeable barrier to mineralizing solutions.

Principal ore minerals include fine-grained argentite, electrum, native gold, and native silver with minor amounts of chalcopryrite, galena, and sphalerite. Rare constituents include bornite, polybasite, stromeyerite, and secondary chalcocite and covellite. Gangue minerals include, in order of decreasing abundance: amethystine to white quartz, chalcedony, calcite, hematite, manganese oxyde, and rare barite and fluorite. Deposits occur in the form of vein fillings, stockworks, irregular branching fissures, and large, recurrently brecciated fault zones. Common textures include comb structures, symmetrical banding, crustifications, and drusy cavities - all typical features of epithermal deposits formed at shallow depths and at low temperatures. Alteration is commonly restricted to vein systems [Chappelle (MI 94E--26), Lawyers (MI 94E-17), Metsantan Lake (MI 94E-35), McClair, Cliff Creek, Shas (MI 94E-50), Saunders (MI 94E-37)].

- b) Hydrothermally altered and mineralized type - associated with major fault zones and possibly after subsidence of volcanic centres followed by a doming of caldera cores. Pyrite is the most common sulphide present with minor amounts of galena and sphalerite and rare molybdenum and scheelite. This type is probably somewhat older or contemporaneous with fissure-type mineralization. Cauldron zones are strongly leached and sulfotatically altered to varying degrees to clay minerals and silica; some areas contain alunite (for example, Alberts Hump). Epidote is a common alteration mineral in both hydrothermal and fracture zones [for example, Kodah, Alberts Hump, Saunders (MI 94E-17), Chappelle (MI94E-26), Oxide].
- c) Alteration generally associated with the precious and base metal epithermal is as follows:
 - i) Epidotization and silicification in the vicinity of quartz veins
 - ii) Laumontite in fractures
 - iii) Extensive pyritization
 - iv) Anhydrite as veinlets and fractures up to 70 meters or more long
 - v) Hematization near surface, and
 - vi) Carbonitization at depth.
- 4) Stratabound (?) - galena+/-sphalerite+/-chalcopryrite occur in or adjacent to limestone with interbedded chert in Takla Group (?) volcanic agglomerates and





LEGEND

JURASSIC

- D Hazelton group
- A Toodoggone volcanics
- C Omineca Intrusives
(quartz monzonite, granodiorite)

TRIASSIC

- B Takla group (volcanics & sediments)

Major fault zones --- Geological boundary



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REGIONAL GEOLOGY



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SCALE: 1 : 50,000	N.T.S.: 94E	FIGURE No.: 3
DWN. BY: J.S.	DATE: Nov./1988	
CHKD. BY: D Adamec	PROJECT No.: 88BC030	FILE No.:

tuffs. This type of deposit, which may have been deposited on the flank of a volcano adjacent to a limestone reef, usually has associated low-grade silver values [for example, Firesteel (MI94E-2), Attycelley (MI 94E-22)]."

1.0 TITAN CLAIM GROUP

1.1 Location, Access and Physiography

The Titan claim group is located in Toodoggone River Area, approximately 300 km north of Smithers, B.C. The claims are located along the northeastern bank of the Sturdee River in NTS 94E/2,3. The claim group is centered at latitude $57^{\circ} 15'$ North and longitude $127^{\circ} 04'$ West.

Access is by helicopter from Sturdee airstrip which lies 1.6 km south of the claims, or another access is by the road to the Serem's Lawyers deposit which cuts through the southern portion of the Titan and Tagish claims and the road to the Baker mine cutting through the Ben claim.

Topography is moderate with elevations ranging from about 1,300 meters to 1,900 meters above sea level. Titan claims are covered by glacial till and outcrop are mostly confined to the Jerry claim.

1.2 Property Status

The Titan claim group consists of 8 contiguous mineral claims totalling 156 units and is situated in the Omineca Mining division.



Pertinent claim data is summarized below:

<u>Claim</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Record Date</u>	
Titan	20	7213	August 14,	
Heckle	20	7217	August 14,	
Jeckle	16	7209	August 14,	
Tagish	20	7215	August 14,	
Brutus	20	7218	August 14,	
Ben	20	7216	August 14,	
	Jerry	20	7211	August 14
Lac Noir	20	7315	Sept. 21,	

The property is owned by Beachview Resources Ltd. and claims are shown on Figure 4.

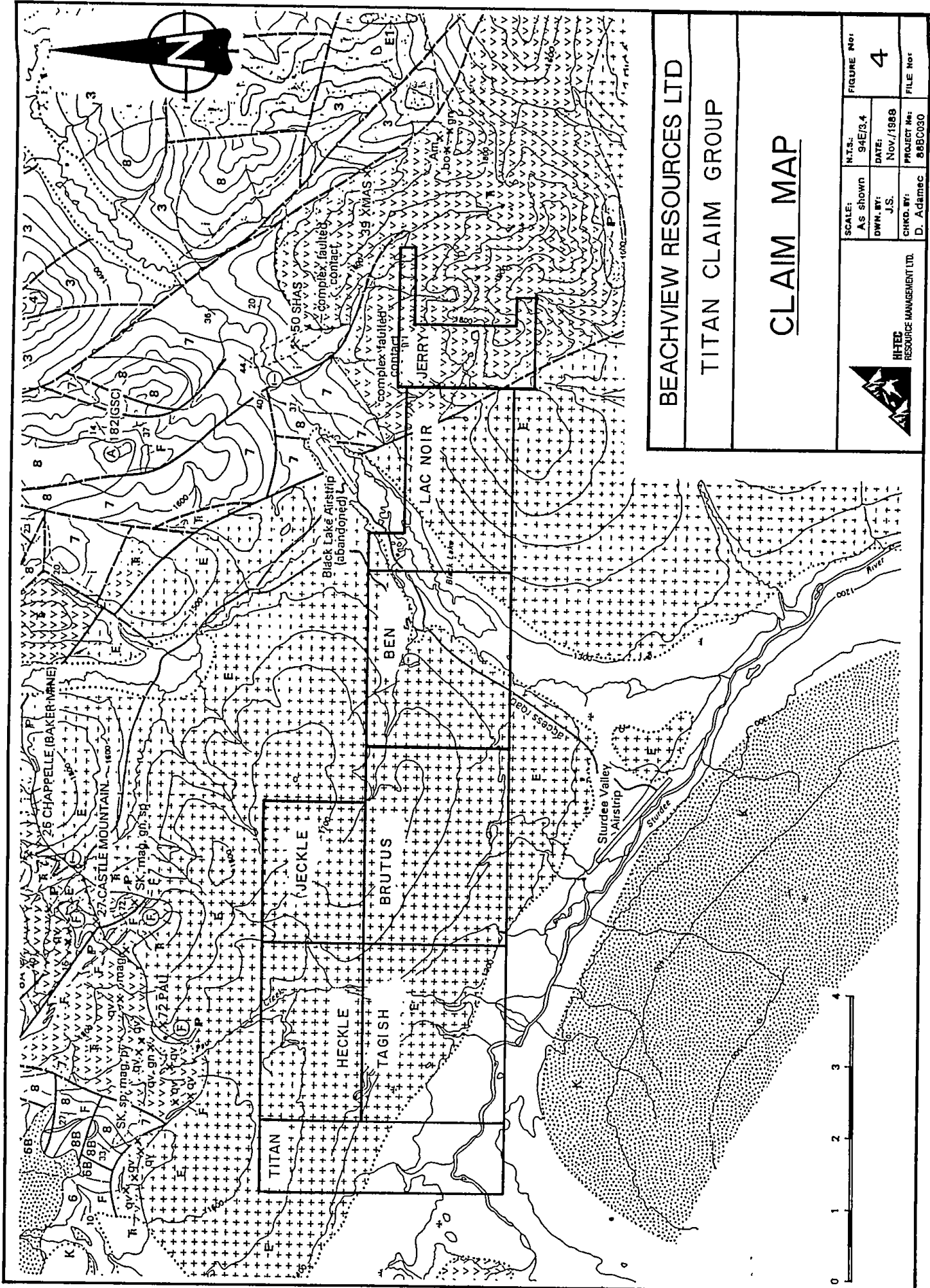
1.3 Previous Work and 1988 Exploration Program

In early 1986, a regional airborne magnetic and VLF-electromagnetic survey was flown by western Geophysical Aero Data Ltd. Several faults were interpreted from this survey. Two cross faults were observed in the Lac Noir claim area. The structure appears to be related to the SHAS mineral deposit, located 1.5 km north of the Jerry claim.

A number of low magnetic intensity values were observed, which are likely locations of volcanic or sedimentary rocks. In addition, a swarm of VLF-EM conductive zones were recognized on the Jeckle claim.

White Geophysical Inc. conducted geological mapping, rock, soil and silt geochemical survey over selected areas of the property in 1987. Numerous very encouraging anomalous gold values were recorded, including 1720 ppb gold in soil and 90 ppb gold in rock samples.





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TITAN CLAIM GROUP

CLAIM MAP



SCALE:	N.T.S.:	FIGURE NO.:
AS shown	94E/3,4	4
DWN. BY:	DATE:	
J.S.	Nov./1989	
CHKD. BY:	PROJECT No.:	FILE No.:
D. Adamec	86BC030	

Field work for the 1988 exploration program was carried out on the Heckle, Jëckle, Jerry and Lac Noir claims in August 1988, from a camp located at the Sturdee Airstrip with daily helicopter support. Reconnaissance type geological mapping 1:10,000 scale was carried out.

A total of 35 stream samples were taken from active streams. A total of 162 soil samples were dug with mattocks and collected in kraft bags on the traverses. Minimum sampling depth of 25 cm was maintained, collecting "B" soil horizon. Soil samples were taken every 50 m. The 32 rock chip and grab samples were collected. Rock sample descriptions are given in appendix IV. The samples were sent to Min-En Laboratories Ltd., 705 W 15th Street, North Vancouver, B.C. for analysis. These samples were subjected to a 6 element geochemical method with fire assay. For detailed analytical procedures see the Appendix 11.

1.4 Property Geology

According to the regional mapping (Diakow, 1985) and reconnaissance 1:10,000 scale mapping the claims are mainly underlain by coarse grained quartz monzonitic granodioritic to quartz dioritic intrusives of lower to middle Jurassic age. In the east of the property (Jerry claim) these rocks are found in fault contact with the Upper Triassic Takla volcanics, representing by dark purple subrounded to angular andesitic breccia and fine tuff in the outcrop what were sampled (Figure 5). This clearly evident fault is striking northwest and dipping 28° west. A number of other fault systems in the area were delineated by previous work. Several quartz veins up to 1 m wide were mapped and sampled. They strike northwest, northeast and dip flatly to the west or south.



The most common type of precious metal mineralization in this area are epithermal deposits which are generally close to major northwest faults. Hence, no mineral showings are known on the property up to date.

1.5 Discussion of Results

Four traverses were run on the property. One soil sampling traverse starts at the eastern boundary of the Jerry claim and is running approximately 2000 m west on the Lac Noir claim is turning north for 1500 m and then following Black Lake side to the west for 900 m (See Figure 5).

Another traverse starts east of the Black Lake and runs 1800 m to the east. Soil values as high as 182 ppb Au, 4.4 ppm Ag, 156 ppm Zn, 122 ppm Cu and 320 ppm As were recorded on these traverses (Lac Noir and Jerry claims). Rock values mostly from eastern part of the Lac Noir claim and Jerry claim returned 625 ppb Au, 3.2 ppm Ag, 550 ppm As, 114 ppm Zn, 265 ppm Pb and 98 ppm Cu.

Soil and stream samples from traverses on the Heckle and Jeckle claims contained values up to 8 ppb Au, 3.2 ppb Ag, 1050 ppm Cu, 112 ppm Pb and 485 ppm Zn. Rock samples from this area had values up to 26 ppb Au, 1.1 ppm Ag, 17 ppm As, 42 ppm Cu, 23 ppm Pb and 100 ppm Zn. An exception was sample #32376 which had high assay values. This rock sample was a single piece of float which yielded 718 ppb Au, 1030 ppm Ag, 775 ppm Cu, 740 ppm Pb, 355 ppm Zn, 83 ppm Mo and 13 ppm As.



Table 2 shows geochemical results from rock and soil samples.

<u>Element</u>	<u>Rock Samples</u>		<u>Soil Samples</u>	
	<u>High</u>	<u>Low</u>	<u>High</u>	<u>Low</u>
Au ppb	718	1	182	1
Ag ppm	103.0	0.3	4.4	0.3
Ag ppm	550	1	320	1
Cu ppm	98	9	1050	1
Zn ppm	355	17	485	15
Pb ppm	740	8	112	4
Mo ppm	83	3	13	3

Tabulating analytical results are presented in the Appendix III.

1.6 Conclusions and Recommendations

The Titan claim group is located in the Toodoggone Gold Camp in close proximity to the SHAS mineral deposit which is immediately to the north of the property.

The most common type of precious metal mineralization in this area are epithermal deposits which are generally close to major fault systems and associated with intrusive activity.

The 1988 exploration program and previous work on the property shows that claims are underlain by an extensive blanket of Jurassic intrusive rocks which are in fault contact with Upper Triassic Takla volcanics. The complex fault patterns were delineated also to the north and east of the large intrusive mass.

Previously recorded geochemical results (up to 1720 ppb gold in soils and 90 ppb gold in rocks) were generally confirmed.



In addition, strong precious and base metal rock assay values in association with quartz veining were outlined (see Figure 5).

In order to fully evaluate the mineral and economic potential of Titan claim group further exploration work is warranted. This exploration should be carried out in the general vicinity of intense faulting. Particular attention should be afforded to the eastern property portion (Lac Noir and Jerry claims).

This program should consist of detailed geological mapping geophysical survey and rock and soil sampling.

A cost estimate for proposed program follows

1.7 Estimated Cost of Proposed Program

PHASE I:

Personnel:

Project Geologist (15 days @ \$275.00/day)	\$	4,125.00
2 Technicians (30 days @ \$200.00/day)	\$	6,000.00
Cook (15 days @ \$200.00/day)	\$	3,000.00
Senior Geologist (3 days @ \$400.00/day)	\$	1,200.00

Domicile

Camp Costs (15 days @ \$150.00/day)	\$	2,250.00
Food (63 man-days @ \$30.00/day)	\$	1,890.00

Geophysics (including Operator)

Magnetometer Total Field and Vertical Gradient Survey (30 km @ \$200.00/km)	\$	6,000.00
VLF-EM Survey (2 Channels) (30 km @ \$200.00/km)	\$	6,000.00

Flight Support

Fixed Wing	\$	7,000.00
Helicopter (15 hours @ \$660.00/hour)	\$	9,900.00

Geochemical Sampling and Shipping

Assays (Au by F.A. & 7 elements by ICP)		
350 samples @ \$18.50/sample	\$	6,475.00



Mobilization/Demobilization	\$ 15,000.00
Disposable Field Supplies	\$ 1,500.00
Project Preparation	\$ 2,000.00
Assessment Requirements and Filing	\$ 1,500.00
Accounting Costs, Communications and Freight	\$ 2,500.00
Report Compilation and Drafting	\$ 5,500.00
Contingencies (@ 10%)	<u>\$ 8,184.00</u>
Sub - total	\$ 90,024.00
Management Fees (@ 15%)	<u>\$ 13,504.00</u>
Total Phase I	<u>\$ 103,528.00</u>

PHASE II:

The exact cost of Phase II is difficult to estimate at the present time because it will depend of how many targets are generated in Phase I. Diamond drilling and helicopter support would be the most costly components of this work. A reasonable cost for Phase II would be in the order of \$350,000.00.

2.0 MET I, MET II AND GORD CLAIMS

2.1 Location, Access and Physiography

The subject claims are situated in the Toodoggone River Area, between Mulvaney Creek and Belle Creek, approximately 10 km northeast of Toodoggone Lake. The property lies on NTS map sheet 94 E/6, 7. The claims are centered at latitude 57° 29' north and longitude 127° 01' west.



Access on the property is by helicopter from the Sturdee River Airstrip, which lies approximately 30 km south.

The claims area is moderately rugged, with elevations ranging from 1,500 m to 2,000 meters above sea level.

2.2 Property Status

These claims consist of 3 contiguous mineral claims comprising 48 units and are located in the Omineca Mining Division (Figure 6). Particulars are as follows:

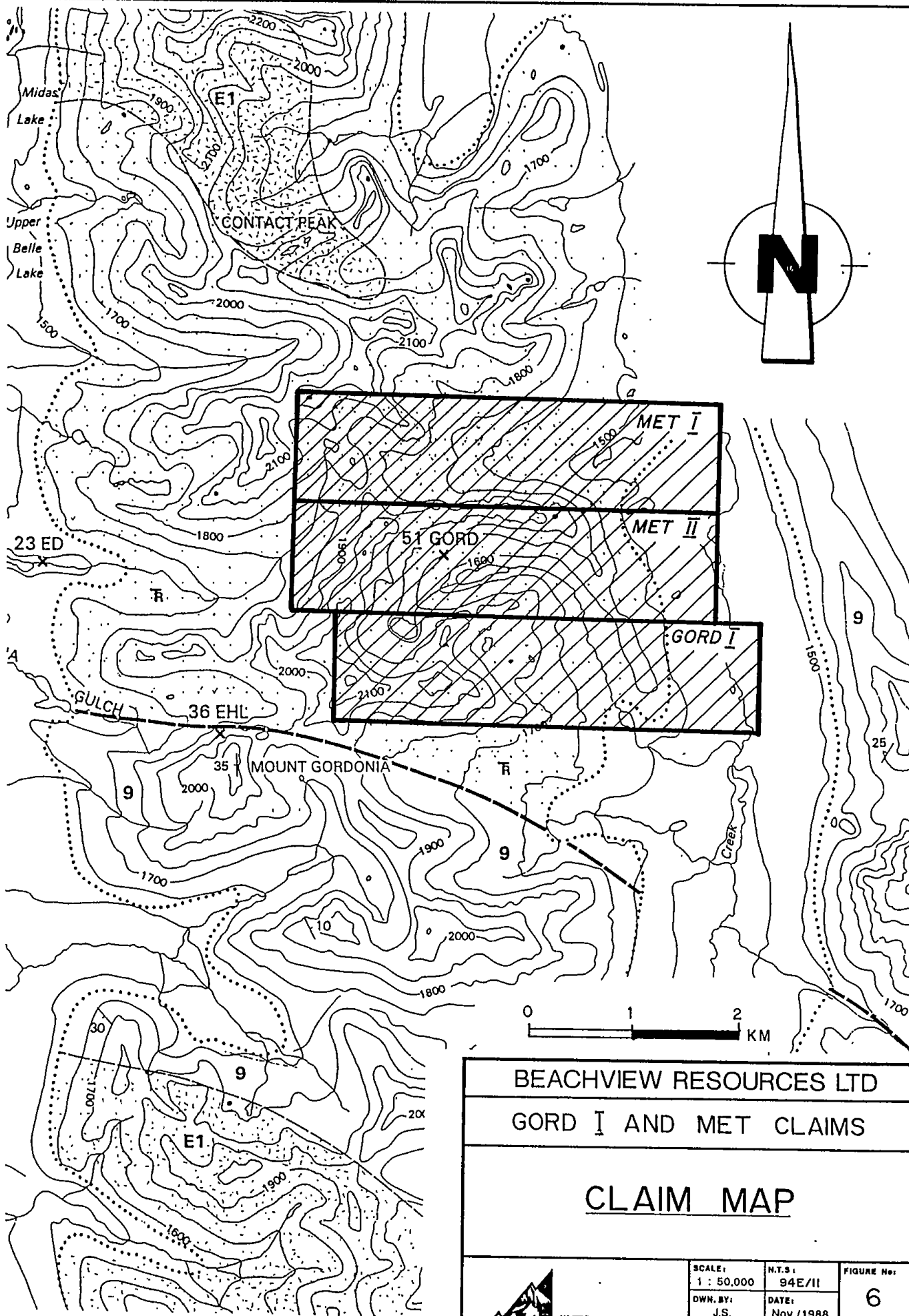
<u>Claim Name</u>	<u>Record Number</u>	<u>Units</u>	<u>Record Date</u>
Met I	7461	16	February 12/86
Met II	7462	16	February 12/86
Gord I	7475	16	February 12/86

The property is owned by Beachview Resources Ltd.

2.3 Previous Work and 1988 Exploration Program

Previous work on the property was performed by Union Miniere (Burgoyne, 1974). Within the Takla volcanics, two types of mineralization were identified which consist of chalcopyrite in quartz carbonate veinlets in fractured volcanics and of chalcopyrite-galena-sphalerite-pyrite within silicified and carbonate altered volcanics. Two chip samples, collected over a two meter width with disseminated sulphides, assayed base metal values and up to 30 ppm silver. The samples were not analyzed for gold. Also several large base metal soil geochemical anomalies were outlined in the property area.





In February, 1986 the regional airborne survey covering 207 line kilometers were flown by Western Geophysical Aero Data ltd. This survey revealed a large number of northwesterly trending faults and VLF-EM anomalies.

The 1988 field work was conducted on the Met II and Gord I claims in August, 1988 from a camp located at the Sturdee River Airstrip with daily helicopter support. Reconnaissance type geological mapping at 1:10,000 scale was carried out.

A total of 28 rock chip and grab samples were collected. Rock sample descriptions are given in the Appendix IV. A total of 34 soil samples were dug with mattocks and collected in kraft bags. The 6 stream samples were taken from active streams. The sampling was done along three traverses with sampling intervals every 50 m. All samples were sent to Min-En laboratories Ltd., 705 West 15th Street, North Vancouver, B.C. for analysis. These samples were subjected to a 6 element ICP analysis and the fire geochemical method for gold. Detailed analytical procedures are presented in the Appendix II.

2.4 Property Geology

The regional geological map shows the entire claim group is underlain by Takla volcanics (Figure 7), consisting of dark green, purple pyroxene, plagioclase megacryst and amygdaloidal basalt lava flows and hypabyssal intrusive rocks; lapilli tuff, block breccia and fine to medium grained andesite.

According to Cukor (1987), "The magnetic data clearly indicated a more complex lithological and structural



environment." A number of north westerly trending faults and/or fracture zones were interpreted, locally associated with altered zones.

The western half of the claim block contains a large number of VLF-EM anomalies, predominantly associated with the magnetically mapped intrusions.

One mineral showing is known on the property to date (Gord Showing). It is located near the centre of the Met II claim. The Gord showing in Takla volcanics consists of galena, sphalerite and chalcopyrite. The showing is positioned along the flank of the large magnetic anomaly and associated with a north-south trending conductivity lineation near the interpreted extension of the Jurassic batholith outcropping at Contact Peak.

Two more mineral showings are in immediate vicinity of the property. The Ed chalcopyrite showing is located approximately 2 km west and the EHL bornite showing is about 1 km southeast of the subject property.

2.5 Discussion of Results

Three traverses examined areas of the Met II and Gord I claim with soil, rock and occasional stream sampling.

One soil and rock sampling traverse starts at saddle some 300 m above Gord mineral showing. They run southeast and then east on the both sides of an unnamed lake for approximately 1800 m.



Soil values on this traverse were recorded as high as 260 ppb gold, 3.1 ppm silver, 100 ppm arsenic, 299 ppm copper, 58 ppm molybdenum, 847 ppm lead and 688 ppm zinc.

Rock values returned up to 1180 ppb gold (1.39 g/t or 0.041 oz/t) also the same sample yielded anomalous silver up to 41.5 ppm. Copper values were recorded as high as 9000 ppm and then 400 ppm arsenic, 5200 ppm lead, 745 ppm zinc and 42 ppm molybdenum.

Second soil sampling traverse starts at east central part of the Met II claim and runs for 1900 m to the west. The assay values are lower than from Gord claim, but generally confirmed good mineralization on the property. The values run up to 24 ppb gold, 1.9 ppm silver, 500 ppm arsenic, 176 ppm copper, 16 ppm molybdenum, 224 ppm lead and 919 ppm zinc.

Table 3 shows geochemical results from rock, soil and stream samples.

<u>Element</u>	<u>High</u>	<u>Low</u>	<u>High</u>	<u>Low</u>	<u>High</u>	<u>Low</u>
Au ppb	1180	2	240	1	42	1
Ag ppm	41.5	0.4	3.1	0.4	1	0.6
As ppm	400	2	500	1	37	17
Cu ppm	9000	15	470	7	246	24
Mo ppm	42	3	58	3	8	3
Pb ppm	5200	6	847	14	264	44
Zn ppm	745	6	919	68	991	269

Tabulating analytical results are presented in the Appendix III.

2.6 Conclusions and Recommendations

The subject properties are situated in the Toodoggone Gold Camp which is known for epithermal precious metal



deposits and occurrences. The deposits are hosted principally by lower and middle units of Toodoggone volcanics. Mineralization occurs in fissure veins, quartz stockworks, breccia zones of silicification, generally close to major fault systems and associated with intrusive activity. The Met I, Met II and Gord I claims have favourable geology for the deposition of epithermal precious and base metal mineralization.

A number of northwesterly trending faults and/or fracture zones, identified by both geological mapping and airborne surveying, crosscut the claims and several EM conductors were outlined as well.

In addition, the property has the base metal showing (Gord showing) and the results from rock and soil geochemical analysis are very encouraging.

The main sulphide present on the property is chalcopyrite with galena, pyrite and malachite. So far, rock, soil and silt sampling of various parts of the property suggests that the overall grade of gold mineralization is up to 1.39 g/t (0.041 oz/t) with accessory silver, copper, lead and zinc.

The Met I, Met II, and Gord I claims share a number of similarities to various significant deposits nearby. These include similar geological environments, significant structural features and anomalous precious and base metal values.

In order to further evaluate the subject property, a two phased exploration program is recommended with the second phase being contingent upon favorable results from phase I. An extensive ground geophysical and geological program should be conducted in the areas



with anomalous assay values outlined by the exploration work (Figure 7). This stage of the program should also involve follow-up geochemistry on the remainder of the mineral claims.

The second phase would involve follow-up geochemistry and preliminary diamond drilling of targets generated in Phase I.

2.7 Estimated Cost of Proposed Program

PHASE I:

Personnel:

Project Geologist (10 days @ \$275.00/day)	\$	2,750.00
2 Technicians (20 days @ \$200.00/day)	\$	4,000.00
Cook (10 days @ \$200.00/day)	\$	2,000.00
Senior Geologist (2 days @ \$400.00/day)	\$	800.00

Domicile

Camp Costs (10 days @ \$150.00/day)	\$	1,500.00
Food (42 man-days @ \$30.00/day)	\$	1,260.00

Geophysics (including Operator)

Magnetometer Total Field and Vertical Gradient Survey (20 km @ \$200.00/km)	\$	4,000.00
VLF-EM Survey (2 Channels) (20 km @ \$200.00/km)	\$	4,000.00

Flight Support

Fixed Wing	\$	7,000.00
Helicopter (10 hours @ \$660.00/hour)	\$	6,600.00

Geochemical Sampling and Shipping

Assays (Au by F.A. & 7 elements by ICP) 250 samples @ \$18.50/sample	\$	4,625.00
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Mobilization/Demobilization	\$	15,000.00
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Disposable Field Supplies	\$	1,500.00
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Project Preparation	\$	2,000.00
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Assessment Requirements and Filing	\$	1,500.00
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Accounting Costs, Communications and Freight	\$ 2,500.00
Report Compilation and Drafting	\$ 5,500.00
Contingencies (@ 10%)	<u>\$ 6,653.50</u>
Sub - total	\$ 73,188.50
Management Fees (@ 15%)	<u>\$ 10,978.50</u>
Total Phase I	<u>\$ 84,167.00</u>

PHASE II:

The exact cost of Phase II is difficult to estimate at the present time because it will depend of how many targets are generated in Phase I. Diamond drilling and helicopter support would be the most costly components of this work. A reasonable cost for Phase II would be in the order of \$350,000.00.

3.0 KEY CLAIM

3.1 Location, Access and Physiography

The Key claim is situated 1.6 km northeast of Kadah Lake in NTs 94 E/6 in the Toodoggone area. The claim is centered at latitude 57° 25' north and at longitude 127° 15' west.

The property can be reached by helicopter from the Sturdee River Airstrip which is only 25 km to the southeast or by the road to the Cheni mine which passes only 6 km south of the property. Third way is by float plane landing on Kadah Lake.

The property straddles Moosehorn Creek. Relief is relatively flat with elevations ranging from 1,300 meters to 1,500 meters above sea level.



3.2 Property Status

The subject property consists of 14 metric units located in the Omineca Mining Division. Particulars are as follows:

<u>Claim</u>	<u>Units</u>	<u>Record Number</u>	<u>Record Date</u>
Key	14	6931	March 25, 1985

The property is owned by Beachview Resources Ltd. and is shown on Figure 8.

3.3 Previous Work and 1988 Exploration Program

A limited prospecting program was conducted on the property in 1985 and an IP survey was recommended by T. Donnely, geologist, to test the potential of the subject claim.;

In 1986, Western Geophysical Aero Data Ltd. carried out a regional airborne and VLF-electromagnetic survey in the Toodoggone Gold Belt which included the Key claim area. A total of 113 line kilometers were flown over the subject property. Interpretation of the geophysical data indicated the presence of small intrusive bodies at depth. A northwesterly trending fault marks the eastern border of the intrusive activity and two smaller cross faults are evident within the claim boundary (Pezzot, Cukor, 1987). The VLF-EM responses reflect near surface weak conductivity variations.

The 1988 exploration program consisted of two parallel lines up to 3 km long and 450 apart. The sampling interval was 200 m. A total of 37 soil samples were



taken from the property (Figure 9). Minimum sampling depth of 30 cm was maintained. Due to poor exposure on the property, only one rock sample was collected.

The samples were then sent to Min-En Laboratories Ltd., 705 West 15th Street, North Vancouver, B.C. All samples were analyzed for 6 elements by ICP and for gold using geochemical methods with fire assay preconcentration for the rock sample.

3.4 Property Geology

The property geology is taken from Pezzot, Cukor (1987).

The claim is covered by glacial till, and only sparse outcrop appears on and around the property. Two small outcrops on the claim and outcrops along Moosehorn Creek just south of the claim, belong to tuffs and flows of the Tuff Peak Formation, a subdivision of the Toodoggone volcanics. Although no intrusive outcrops anywhere near the property area, interpretation of geophysical data infers an intrusive body at depth just south of the claim boundary. This could possibly be, a continuation of the McClain Stock exposed further east. The intensive block faulting to the northeast of the claim could possibly be interpreted as a result of the uplift during the emplacement of the intrusive, and numerous showings (gold, galena-sphalerite, barite, quartz-pyrite) a result of extensive hydrothermal activity within the roof pendant of the intrusive. A similar pattern is expected to be developed on the property and masked by glacial till.

The property joins, along its northern border the large and extensively explored Energex property and it lies



in a fairly good strategical position among precious and base metal showings. However, no mineral showings are known on the property up to date.

3.5 Discussion of Results

The traverses (Figure 9) examined large areas of the claim with soil sampling and occasional rock sampling. The traverses are parallel and run from east to the west. Soil values up to 5 ppb Au, 1.9 ppm Ag, 32 ppm As, 52 ppm Cu, 4 ppm Mo, 26 ppm Pb and 172 ppm zinc were noted.

Tabulating analytical results are presented in the Appendix III.

The assay values from rock sample are similar to soil sample values.

3.6 Conclusions and Recommendations

The Key property is situated in the Toodoggone River Area, which is noted for epithermal gold/silver deposits. The property has fairly good strategical position among gold and base metal showings. It is believed by the writer that the geological environment of the Key property is favourable for hosting precious and base metal showings.

Although the property is covered by glacial till and no exposed mineralization has been found, further exploration work is warranted and recommended. It should consist of ground geophysical surveys to identify anomalous zones for trenching and drilling.



3.7 Estimated Cost of Proposed Program

Project Preparation	\$ 1,500.00
Personnel:	
Project Geologist (10 days @ \$275.00/day)	\$ 2,750.00
1 Technicians (10 days @ \$200.00/day)	\$ 2,000.00
Senior Geologist (2 days @ \$400.00/day)	\$ 800.00
Domicile	
22 mandays @150.00/day	\$ 3,300.00
Geophysics (including Operator)	
Magnetometer Total Field and Vertical Gradient (20 km @ \$200.00/km)	\$ 4,000.00
VLF-EM Survey (20 km @ \$200.00/km)	\$ 4,000.00
Flight Support	
Fixed Wing	\$ 6,000.00
Helicopter (3 hours @ \$660.00/hour)	\$ 1,980.00
Mobilization/Demobilization	\$ 15,000.00
Disposable Field Supplies	\$ 1,000.00
Accounting Costs, Communications and Freight	\$ 2,000.00
Report Compilation and Drafting	\$ 5,000.00
Contingencies (@ 10%)	\$ 4,933.00
Sub - total	\$ 54,263.00
Management Fees (@ 15%)	\$ 4,647.00
Total Phase I	<u>\$ 58,910.00</u>

4.0 WOLF CLAIM

4.1 Location, Access and Physiography

The Wolf claim is situated in Toodoggone River Area, B.C. approximately 40 km north of Sturdee River Airstrip.

The approximate geographical coordinates of the claim are latitude 57° 31' north and longitude 127° 22' west and it can be found on NTS 94E/11 map sheet.



Access to the property is by helicopter from Sturdee River Airstrip.

The property is between the headwaters of Abesti and Moyez Creeks. Elevation ranges from 1400 meters to 1,600 meters above sea level. The topography is represented by moderate slopes and rounded mountain tops.

4.2 Property Status

The subject property consists of 20 claim units within the Liard Mining Division, B.C.

A list of pertinent claims data is given below:

<u>Claim</u>	<u>Units</u>	<u>Record No.</u>	<u>Record Date</u>
Wolf I	20	3282	March 25, 1985

The outline of the property and claim boundaries are shown on Figure 10.

The property is owned by Beachview Resources Ltd.

4.3 Previous Work and 1988 Exploration Program

Duke Minerals Ltd. carried out an exploration program during July, 1985. This work, consisting of soil sampling and ground geophysical surveying (VLF-EM and magnetometer). It delineated several coincident geochemical geophysical anomalies. Very encouraging anomalous gold values (up to 150 ppb) were recorded from soils and further ground work was recommended.



In early 1986, the regional airborne survey was conducted by Western Geophysical Aero DATA Ltd. over the property.

A total of 114 line kilometers of magnetic and VLF-EM survey was flown. The interpretation of the magnetic data indicates the presence of a possible northwest striking fault in the northeast corner of the claim.

The 1988 field work consisted of four fill-in geochem lines L3, L5, L7, L9 from 200 S to 1000 S (figure 11). These lines run north south and are 200 meters apart with samples taken at 50 metres intervals. A total of 50 soil samples were dug with mattock and collected in kraft bags. Minimum sampling depth of 30 cm was maintained. All soil samples were sent to Min-En Laboratories Ltd, in North Vancouver, B.C. and analyzed for 6 element ICP and fire geochemical method for gold. The results are presented in Appendix III.

4.4 Property Geology

The Wolf claim is underlain by the pyroclastic Addogatcho Creek Formation which is subdivision of the Toodoggone volcanics.

T. Donnely (1986) describes property geology as follows: "Pyroclastic rocks consists of pink and gray lapilli and lapilli-ash tuffs. Along the ridge top matrix colors change rapidly from one local to the next. In this area is a lapilli ash tuff containing 10% feldspar fragments and approximately 10% lithic fragments generally of the same composition as the matrix. These fragments are subrounded to subangular. This unit is rarely massive in texture due to the numerous shears.



A small massive dark purple hornblende-feldspar porphyritic unit also on the ridge top contains 1-2% lithic lapilli sized fragments.

Towards the south a lithic lapilli tuff exists. The unit contains approximately 70-75% subrounded to subangular fragments of varying compositions (ie. chert, grey wacke, volcanics). Chloritic fragments often have a welded texture."

The majority of the property appears to be covered by extensive overburden consisting of glacial till.

Structurally the claim is cut by northwest trending vertically dipping west of faults. This set is part of the major regional trend.

The same rock formation hosts the Energex Alberts Hump and Thesis gold bearing deposits, located about 5 km south of the Wolf claim. A number of an anomalous gold silver zones were outlined on the adjacent properties to the north and east.

4.5 Discussion of Results

On the 2.4 km of lines a total of 50 soil samples were collected. These lines filled-in established surveyed grid in previously delineated geochemically anomalous zone.

Soil values up to 32 ppm Ag, 33 ppm As, 2 ppm Cu, 4 ppm Mo, 32 ppb Pb and 151 ppm Zn were recorded.

A total of 9 samples higher than 10 ppm background values for silver.



Tabulating analytical results are presented in the Appendix III.

4.6 Conclusions and Recommendations

The Wolf I claim is located in the Toodoggone Gold camp. The most important type of economic mineralization identified in the Toodoggone area are epithermal precious and base metal deposits hosted by lower and middle units of Toodoggone volcanics. Mineralization occurs principally in fissure veins, quartz stockworks, breccia zones and areas of silicification, generally close to major fault systems and associated with intrusive activity.

The subject property satisfied these conditions.

A multi-element geochemical anomaly associated with northwest trending faults was outlined by previous field work on the property. This supported by results from current exploration programs. Soil values up to 38 ppb Au, 2.3 ppm Ag, 53 ppm Cu, 4 ppm Mo, 32 ppm Pb and 151 ppm were recorded.

In addition, the claim is flanked to the north and south by proven gold and silver mineralization and to the east by anomalous gold soil geochemical values.

The investigations of the property have returned generally encouraging results and further work is warranted and recommended.

IP survey should be done on the target delineated by the geochemical and VLF-EM survey.



4.7 Estimated Cost of Proposed Program

Project Preparation	\$ 1,500.00
Mob/Demob	\$ 20,000.00
Salaries	
Geologist (10 days @ \$350.00/day)	\$ 3,500.00
Cook (10 days @ \$200.00 day)	\$ 2,000.00
Supervision	\$ 1,600.00
IP survey (10 days @ \$1,450.00/day)	\$ 1,450.00
Helicopter support (10 hrs. @ \$800.00/hr)	\$ 8,000.00
Domicile	
Camp: (70 mandays @ \$95.00)	\$ 6,650.00
Food: (70 manddays @ \$35.00)	\$ 2,450.00
Communications, Accounting, Freight	\$ 2,000.00
Field supplies	\$ 1,000.00
Field equipment (70 mandays @ \$21.00)	\$ 1,750.00
Report	\$ 5,500.00
Project Management 15% (\$45,850)	<u>\$ 6,877.50</u>
Total	<u>\$ 77,277.50</u>



5.0 URSUS AND ORO CLAIMS

5.1 Location, Access and Physiography

The property is located in the Chukachida River - Toodooggone River Area, Toodooggone River Map sheet 94E/11E, some 300 kilometers north of Smithers, B.C. (Figure 1). The claims straddle Midas Creek, about 20 kilometers northwest of Toodooggone Lake. The approximate geographical coordinates are latitude 57° 34' north and longitude 127° 05' west.

Access is by helicopter from the Sturdee River Airstrip. Elevation varies from 1500 metres to 2400 metres above sea level. Most of the area is above the treeline with relatively rugged topography. Vegetation is sparse on the property with only fir and spruce trees in the valley bottom.

5.2 Property Status

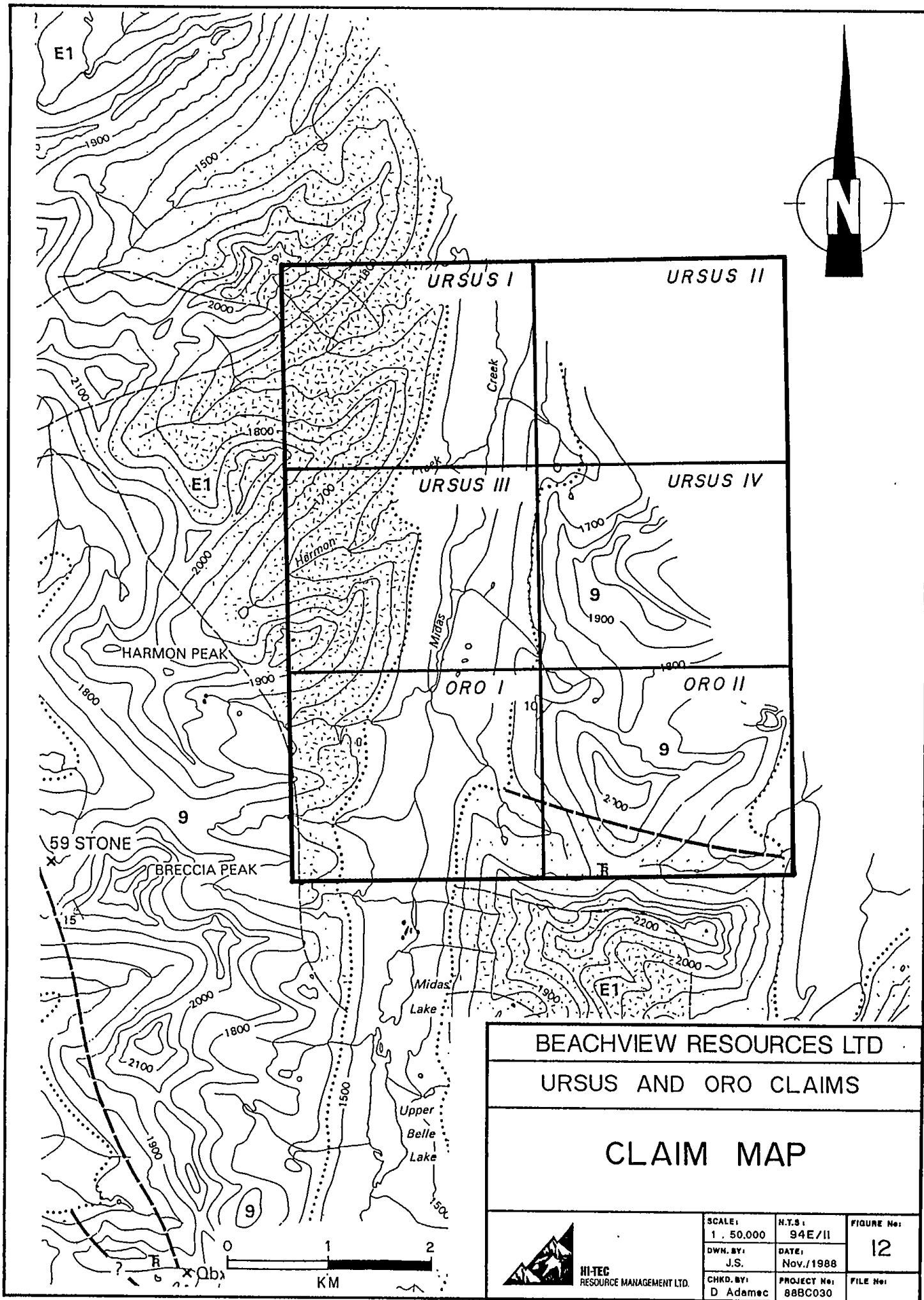
The Ursus and Oro claims consist of 6 contiguous mineral claims comprising 120 claim units and are located in the Omineca Mining Division (Figure 12).

The pertinent claim data are as follows:

<u>CLAIM</u>	<u>UNITS</u>	<u>RECORD No.</u>	<u>RECORD DATE</u>
Ursus I	20	3278	March 25, 1985
Ursus II	20	3279	March 25, 1985
Ursus III	20	3280	March 25, 1985
Ursus IV	20	3281	March 25, 1985
Oro I	20	3276	March 25, 1985
Oro II	20	3277	March 25, 1985

The claims are owned by Beachview Resources Ltd.





BEACHVIEW RESOURCES LTD

URSUS AND ORO CLAIMS

CLAIM MAP



HI-TEC
RESOURCE MANAGEMENT LTD.

SCALE: 1 : 50,000	N.T.S.: 94E/II	FIGURE No: 12
DWN. BY: J.S.	DATE: Nov./1988	
CHKD. BY: D. Adamc	PROJECT No: 88BC030	FILE No:

5.3 Previous Work and 1988 Exploration Program

The immediate area of the claim group was explored by Cominco Ltd. in 1977. the reconnaissance work in the area north of Contact Peak resulted in the discovery of stratabound base metal mineralization.

Additional work conducted in 1985 delineated this approximately three kilometer long skarn structure developed within limey layers of the Takla Group. Analysis values of 1.45% Zn, 1.20 Ag/t and up to 100 ppb Au were recorded.

In 1985, a geochemical program was carried out on the adjacent claims to the south of the Ursus - Oro property. The samples were not analyzed for gold, but silver values up to 20.0 ppm were reported.

The Ursus/Oro claims were the subject of an airborne magnetic and VLF-EM survey flown by Western Geophysical Aero Data Ltd. in 1986.

Three narrow bands of intrusive rocks were mapped within the claim boundary. Small isolated magnetic highs along these trends likely indicate areas where the intrusions approach the surface.

Major north-south trending faults follow Midas Creek through the claim block and Junkers Creek to the east. Numerous cross faults were mapped extending west from the Midas Creek fault. One north west-southeast trending fault is observed on the eastern portion of the claim block, separating two of the narrow intrusive bands observed in the area.



Current exploration work was done from the Sturdee River Airstrip and the claims were accessed daily by helicopter. The geochemical program consisted of rock, soil and stream sampling (Figure 13). A total of 124 soil samples were collected at 100 meter intervals along contour traverse lines at approximately 1,800 and 1400 metre elevations and down hill traverses. A total of 44 stream samples were taken from the Midas Creek tributaries with spacing 100 metres. The 49 rock samples were collected by B. Kushner and the writer. Rock sample descriptions are given in Appendix IV.

All samples were shipped to Min-En Laboratories Ltd., in North Vancouver for analyses. Samples were analyzed for 6 elements by ICP and fire geochemical method for gold was used. The analytical procedures are presented in Appendix II.

5.4 Property Geology

The property is underlain by three stratigraphic units. Major of Ursus II, Ursus IV and Oro II claims is underlain by the rocks of Hazelton Group. In the southern claim area a major east-west fault separated it from the Takla volcanics. The Takla rocks are comprised of limey sediments, laminated tuffaceous mudstones, tuffs, cherts and rhyolites. On the east side of Midas Creek, the Jurassic Omineca biotite granodiorite stock intrudes these volcano-sedimentary complex.

The east-west striking fault in the southern claim area is the only structural feature noted on the regional geology map but several fault structures were mapped by regional airborne survey.



5.5 Discussion of Results

The geochemical sampling has recorded several anomalous values which indicated the zones of interest. Gold values up to 279 ppm from soils were reported and 14 samples exceeded 10 ppb Au. Silver and copper values up to 1.8 ppm and 269 ppm respectively are associated with these zones. Scattered values of lead up to 108 ppm are recorded. A few number of soils are anomalous in zinc. Values up to 374 ppm were noted.

Rock samples returned very encouraging results as well. A total of 18 rock samples assayed over 10 ppb gold with the highest value up to 618 ppb. A large number of rocks are also anomalous in silver. Values up to 106.0 ppm were recorded and 20 rocks were assayed over 2 ppm. Copper values correlates with silver values. Copper yielded up to 2.1%. A few zinc and lead values up to 735 ppm and 1528 ppm respectively were obtained.

The analytical results are presented in Appendix III.

5.6 Conclusions and Recommendations

The subject property is underlain by volcano-sedimentary complex which is locally intruded by biotite grandiorite stock and contains favorable anomalous mineralized zones.

The geochemical program consisting of rock, soil and stream sampling has indicated several zones of interest occurring on the property, based on trace elements and gold assay results.



An anomalous gold value up to 618 ppb, 106.0 ppm silver, 2.1% copper, 1328 ppm lead, 735 ppm zinc with lesser arsenic and nickel were recorded.

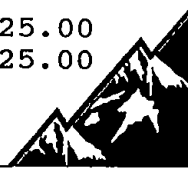
The writer believes there is the possibility that the skarn zone at the southern claim boundary could extend at depth onto the subject claims.

The Ursus and Oro claims lie in a favourable area for precious and base metal mineralization. Based on the encouraging results of recent work a follow-up work program is recommended.

Further detailed mapping and sampling, possibly in association with a ground geophysical survey, is required at the areas with anomalous assay values. This stage of the program should also involve follow-up geochemistry on the remainder of the claims.

5.7 Estimated Cost of Proposed Program

Project Preparation	\$ 2,500.00
Mob/Demob	\$20,000.00
Salaries	
Geologist (15 days @ \$350.00/day)	\$ 5,250.00
2 Technicians (2 x 15 days @ \$250.00/day)	\$ 7,500.00
1 Cook (15 days @ \$200.00/day)	\$ 3,000.00
Supervision	\$ 1,600.00
Geophysics [25 km @ \$400.00 km (VLF & MAC)]	\$10,000.00
Helicopter Support (10 hrs @ \$800.00/hr.)	\$ 8,000.00
Geogeochemistry	
400 soils @ \$18.00/sample	\$ 7,200.00
100 rocks @ \$15.75/sample	\$ 1,575.00
Domicile 75 days	
Camp @ \$95.00/day	\$ 7,125.00
Food @ \$35.00/day	\$ 2,625.00



Communications, Accounting, Freight	\$ 2,000.00
Field Supplies	\$ 1,500.00
Field Equipment (75 mandays @ \$25.00/day)	\$ 1,875.00
Report	\$ 5,500.00
Project management 15% (\$53,200.00)	<u>\$ 7,980.00</u>
Total	<u>\$95,230.00</u>

6.0 SUMMARY OF CONCLUSIONS AND RECOMMENDATIONS

The subject properties are situated in the Toodoggone River area which has been explored intermittently for base metals since the 1930's. A number of important deposits occur in this significant precious metal belt. The most common mineral deposit is the epithermal type. It usually occurs as massive quartz veins or as silicified zones and amethystine breccia zones. The epithermal deposits are generally associated with siliceous volcanic centers, exhalative vents and zones of alteration within the Toodoggone volcanics and are usually at close proximity of major northwest striking faults. Quartz, barite and carbonate are the chief gangue minerals. The vein minerals are acanthite, pyrite, electrum, chalcopyrite, native gold, sphalerite and galena.

The properties discussed in this report all occur within this belt and share a number of similarities to various significant deposits nearby. These include similar geologic environments, significant structural features and in most cases anomalous precious and base metal values.

The 1988 exploration programs conducted on these properties, consisting of rock, soil and stream



sampling in selected areas, have returned generally encouraging results and indicate the claims have very good potential for hosting precious metal mineralization. The exploratory work further defined already known mineral showings (gold showing on the Met/Gord property) and the occurrence of precious and base metal anomalies. New zones of interest were also discovered on the Ursus/Oro property. Based on the results of recent exploration work a follow-up work program is recommended.

Respectfully Submitted,

HI-TEC RESOURCE MANAGEMENT LTD.



J. Duro Adamec, Ph.D., F.G.A.C.

October, 1988



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APPENDIX I

Statement of Qualifications



STATEMENT OF QUALIFICATIONS

I, J. Duro Adamec, of 1154 Premier Street, North Vancouver, B.C. hereby certify:

1. I graduated in geology from Comenius University of Bratislava, Czechoslovakia (1978) and I hold a Ph.D. in Engineering Geology (1982) from the same University.
2. I am a Fellow of Geological Association of Canada.
3. I have been practicing my profession in Europe and North America since 1978.
4. The information contained in this report was obtained from field work conducted by myself and others in 1988.
5. I consent to the use of this report in a Prospectus or Statement of Material Facts for the purpose of a private or public financing.

Dated in Vancouver, B.C. this 10 day of November, 1988.


J. Duro Adamec, Ph.D., F.G.A.C.



APPENDIX II

Analytical Procedures



LABORATORY ANALYTICAL METHODS

After initial preparation, all samples were analyzed by the Inductively Coupled Plasma (ICP) method for Ag, As, Cu, Pb, Sb and Zn. Gold was determined by the fire assay and atomic absorption method.

After drying soil and stream sediment samples at 95°C, they were screened with an 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. For some of the silt samples, 40 mesh or 20 mesh sieves were used. Rock samples were put through a jaw crusher and a ceramic-plated pulverizer.

For ICP analyses, 1.0 gram of sample material was digested for 6 hours with a hot HNO_3 - HClO_4 mixture. After cooling, samples were diluted to a standard volume. The solutions were then analyzed by a computer-operated Jarrell Ash ICP Analyzer. Reports are formatted by a route computer dotline printout.

For Au analyses, a suitable sample weight of 15 or 30 grams was fire assay preconcentrated. Samples were then digested with an Aqua Regia solution and then taken up to suitable volume by adding a 25% HCl solution. Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with methyl isobutyl ketone. Gold is analyzed by Atomic Absorption instruments using a suitable standard solution. The detection limit is 1 ppb.

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

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CANADA V7M 1T2

GOLD GEOCHEMICAL ANALYSIS BY MIN-EN
LABORATORIES LTD.

Geochemical samples for Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 5.0 or 10.0 grams are pretreated with HNO_3 and HClO_4 mixture.

After pretreatments the samples are digested with Acqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 0.005 ppm (5ppb).

PHONE: (604) 980-5814 or 988-4524

TELEX: 04-352828

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NORTH VANCOUVER, B.C.
CANADA V7M 1T2

FIRE GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Fire Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 15.00 or 30.00 grams are fire assay preconcentrated.

After pretreatments the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 1 ppb.

APPENDIX III

Geochemical Analytical Results





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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: HI-TEC RESOURCE MANAGEMENT
Project: 88RC030 COVE ENERGY
Attention: V. KURAN/D. ADAMEC

File: B-1340/P1
Date: SEPT. 8/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
32845	1.39	0.041

Certified by _____

[Signature]

MIN-EN LABORATORIES LTD.

COMPANY: HI-TEC RESOURCE MANAGEMENT

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 88BC030 (NET/GORD)

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1340/P1

ATTENTION: V.KURAN/D.ADAHEC

(604)980-5814 OR (604)988-4524 * TYPE SOIL GEOCHEM * DATE: SEPTEMBER 8, 1988

(VALUES IN PPM)	AG	AS	CU	MO	PB	ZN	AU-PPB
32247	1.0	5	118	6	22	148	7
32248	.6	11	470	8	29	312	5
32249	.6	14	144	9	27	161	22
32250	.4	21	91	19	41	136	240
32251	.9	14	50	7	23	90	16
32252	.7	43	7	58	14	54	24
32253	.9	23	299	8	35	109	15
32254	.6	6	31	7	41	102	3
32255	.5	1	60	8	191	163	1
32256	.7	100	131	9	285	527	4
32257	1.2	17	38	7	62	131	8
32258	.9	17	246	6	264	991	1
32259	3.1	56	70	6	847	569	43
32260	1.6	31	21	7	46	68	9
32261	1.1	52	34	7	102	598	3
32262	1.0	23	177	8	94	688	4
32263	1.1	6	47	6	88	217	5
32264	1.3	18	25	7	73	68	1
32265	.7	11	34	7	168	280	2
32266	1.2	25	24	7	63	92	7

(VALUES IN PPM)	AG	AS	CU	MO	PB	ZN	AU-PPB
32 493	4.9	10	360	6	32	101	42
32 494	1.2	10	28	4	25	33	19
32 495	3.3	19	410	25	38	42	37
32 496	3.5	14	9000	7	39	113	35
32 497	3.1	24	3800	8	57	65	2
32 498	1.6	18	660	24	23	44	394
32 499	15.2	4	8250	9	48	91	138
32 500	5.4	13	7950	5	33	180	161
18 401	1.1	3	170	4	16	90	5
18 402	2.0	11	39	5	29	71	6
18 403	9.6	117	28	4	380	225	14
18 404	2.6	400	21	4	250	745	2
18 405	5.1	400	21	3	81	152	4
18 406	1.8	34	14	3	42	109	18
32 843	1.0	52	34	4	24	30	66
32 844	2.7	11	1720	3	34	61	9
32 845	41.5	12	8900	4	67	50	1180
32 846	4.4	9	1620	3	36	41	43
32 847	7.5	4	720	4	5200	38	36
32 848	1.3	6	34	9	52	62	16
32 849	.7	7	15	10	38	32	3
32 850	.9	10	59	4	25	46	5
33 201	1.2	6	104	42	31	35	27
33 202	.8	7	26	4	14	50	3
33 203	3.0	6	2650	4	12	57	18
33 204	.4	2	550	3	6	6	2
33 205	.9	8	745	10	15	32	795
33 206	1.1	13	28	4	50	200	2

PROJECT NO: 888C030 TITAN

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1338/P1+2

ATTENTION: V.KURAN/D.ADAMEC

(604) 980-5814 OR (604) 988-4524 † TYPE SOIL GEOCHEM † DATE: SEPTEMBER 8, 1988

(VALUES IN PPM)	AG	AS	CU	MO	PB	ZN	AU-PPB
32851	.6	1	76	8	7	71	3
32852	1.9	118	118	7	42	175	2
32853	.4	35	81	5	15	130	1
32854	.7	120	111	6	23	112	1
32855	.8	75	72	8	18	98	3
32856	1.2	32	59	4	14	84	2
32857	1.4	97	164	3	23	69	1
32858	.9	5	71	6	32	91	4
32859	.9	120	95	8	8	130	3
32860	.8	13	70	6	24	92	1
32861	.7	7	61	5	19	112	3
32862	.9	44	68	5	17	87	2
32863	.8	65	61	5	11	92	2
32864	.9	120	64	3	7	118	4
32865	.6	64	55	5	12	87	2
32881	1.1	30	29	9	21	72	1
32882	.6	18	27	12	19	101	2
32883	.6	16	32	8	11	61	1
32884	.4	1	29	7	12	94	3
32885	.7	1	1050	9	14	73	1
32886	.3	11	36	12	16	85	2
3288720M	2.2	30	356	13	72	485	3
32888	3.2	39	174	13	112	322	1
32889	.4	4	20	8	22	109	1
32890	1.1	26	28	8	15	66	3
32891	.6	23	33	8	18	72	2
32892	.4	15	23	8	17	61	4
32893	2.0	48	63	9	23	159	3
3289420M	1.1	1	53	9	22	186	2
32895	.9	5	33	8	20	106	1
3289620M	.7	3	20	7	16	59	3
32897	.6	50	27	7	11	95	1
3289840M	.6	10	28	7	16	79	3
32899	.4	15	29	7	17	65	3
32900	1.0	9	29	7	19	57	2
3290240M	1.5	6	29	8	10	63	1
32903	1.4	17	38	8	16	52	3
32301	1.1	1	25	6	9	58	1
3230220M	1.8	48	28	7	8	69	3
32303	.3	1	16	6	10	56	1
32305	.5	6	25	6	13	43	1
3230720M	.9	14	30	8	18	53	3
3230820M	.6	47	33	6	8	79	2
32309	.4	4	26	6	18	63	3
32310	.5	18	23	7	22	49	4

PROJECT NO: 88BC030 TITAN

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1338/P3+4

ATTENTION: V.KURAN/D.ADAMEC

(604)980-5814 OR (604)988-4524 * TYPE SOIL GEOCHEM * DATE: SEPTEMBER 8, 1988

(VALUES IN PPM)	AG	AS	CU	MO	PB	ZN	AU-PFB
32311	.7	22	27	6	8	52	3
32312	1.1	8	31	6	11	68	2
32314	.9	21	25	6	7	52	1
32316	.3	13	29	6	13	60	1
3231740M	1.3	43	37	6	14	89	2
32318	.9	14	33	7	8	69	3
3231940M	1.0	40	36	6	14	78	1
3232020M	2.1	33	50	7	14	97	2
3232120M	2.8	13	49	9	20	75	4
32322	1.0	11	15	6	19	70	2
32323	.7	3	28	6	10	63	1
32324	.7	12	49	8	20	124	1
3232640M	.6	7	34	6	9	72	3
32327	.6	1	28	6	19	40	2
32328	.3	15	25	6	14	54	1
32330	.6	18	17	6	11	63	1
32331	.8	36	88	7	8	190	1
3233240M	.4	22	17	7	9	62	3
32333	.3	16	18	7	15	67	2
3233440M	.6	19	21	7	18	85	2
3233540M	.9	30	52	5	8	100	1
3233640M	1.3	36	44	5	15	110	1
32337	.5	7	40	16	12	106	3
32338	1.0	38	31	8	10	73	8
3233940M	1.7	21	63	7	13	104	3
32341	.8	47	58	6	22	95	1
3234240M	1.1	30	109	5	18	105	1
32343	.7	1	15	6	11	47	1
32345	.9	5	15	6	8	56	2
32346	.5	6	48	7	21	68	2
32347	.5	15	77	13	50	57	3
32348	.6	14	31	5	13	72	2
32349	.8	1	27	5	15	83	1
32350	.4	4	33	5	16	85	1
32352	.7	31	23	6	12	58	1
32353	.8	38	29	6	9	66	3
32354	.6	1	35	5	11	81	2
32355	.3	1	30	6	11	62	1
32356	.5	1	58	14	13	95	2
32357	2.3	40	49	11	39	140	2
32358	.7	19	23	18	12	73	3
32360	.6	45	44	34	9	84	1
32361	.7	10	25	8	12	69	2
32363	1.8	3	33	20	8	125	3
32364	.3	1	29	8	9	82	1
32365	.9	9	58	15	8	102	1
32366	.6	41	33	6	10	67	1
32367	.6	22	62	6	8	67	4
32368	1.2	10	30	8	15	102	2
32369	.6	28	76	6	35	191	1
32370	.9	1	31	7	11	99	1
32371	.5	19	23	8	16	85	3
32372	.6	2	92	7	25	259	2
32373	.3	43	40	12	8	103	3
32374	.4	37	36	6	46	122	2
32507	.5	4	22	8	12	66	1
32508	.5	6	26	7	10	76	1

PROJECT NO: 88BC030(TITAN)

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1338/P1

ATTENTION: V.KURAN

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM *

DATE: SEPTEMBER 8, 1988

(VALUES IN PPM)	AG	AS	CU	MO	PB	ZN	AU-PPB
32304	.6	10	12	3	8	17	1
32306	1.1	4	32	4	14	83	2
32313	1.0	17	29	3	19	82	3
32315	.5	17	15	3	23	24	2
32325	.6	5	21	5	20	58	1
32329	.3	7	11	3	11	23	4
32340	.9	6	36	4	22	67	4
32344	.5	6	13	3	16	42	3
32351	.3	5	23	3	15	38	2
32359	.3	6	19	3	13	58	6
32362	.4	8	37	5	14	64	5
32375	.5	8	10	3	13	33	3
32376	103.0	13	775	83	740	355	718
32378	.7	13	16	3	21	100	26
32379	.8	8	36	4	16	70	6
32380	.6	8	11	3	14	67	2
32655	.5	8	19	4	22	56	5
32656	.6	11	42	3	17	59	1

COMPANY: HI-TEC RESOURCE MANAGEMENT

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 88BC030(LAC NOIR)

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1339/P1

ATTENTION: V.KURAN/D.ADAMEC

(604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE: SEPTEMBER 8, 1988

(VALUES IN PPM)	AG	AS	CU	MO	PB	ZN	AU-PPB
32 657	1.8	84	12	3	265	21	21
32 658	3.1	450	16	36	84	59	625
32 659	2.9	550	31	28	32	23	79
32 660	1.0	19	54	4	34	81	4
32 661	3.2	77	54	3	33	33	39
32 662	1.4	76	75	4	9	26	52
32 663	3.2	135	26	5	36	34	128
32 664	2.6	73	15	7	28	36	39
32 665	2.2	64	98	4	63	114	37
32 666	2.4	95	37	3	24	75	40
32 667	.7	4	81	4	16	40	1
32 668	1.1	1	70	4	19	47	4
32 672	.6	3	22	5	20	54	2
32 673	.7	3	9	3	15	51	2

PROJECT NO: 888C030 LAC NOIR

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1339/P1+2

ATTENTION: V.KURAN/D.ADAMEC

(604)980-5814 OR (604)988-4524

† TYPE SOIL GEOCHEM † DATE: SEPTEMBER 8, 1988

(VALUES IN PPM)	AG	AS	CU	MO	PB	ZN	AU-PPB
32509	4.4	320	1	12	90	69	182
32510	1.9	25	81	5	11	58	4
32511	1.0	36	56	5	4	77	3
32512	.7	1	51	5	5	76	4
32513	.6	11	32	5	12	72	6
32514	.8	3	57	4	5	56	1
32515	.7	38	20	6	18	41	12
32516	.9	15	45	5	15	61	2
32517	.8	31	41	5	18	73	1
32518	.9	14	67	5	10	63	2
32519	.7	15	67	5	16	52	3
32520	.7	21	40	5	13	52	2
32521	.8	16	47	5	12	56	3
32522	.9	11	43	5	13	53	5
32523	.6	21	31	6	17	65	1
32524	.9	34	27	5	15	43	2
32525	.9	23	34	6	11	69	3
32526	.7	10	29	5	13	65	1
32527	1.1	32	49	5	12	88	4
32528	.8	17	41	5	9	53	4
32529	.9	19	30	5	13	49	3
32530	.8	16	12	6	21	45	2
32531	1.4	14	44	6	11	54	1
32532	.7	17	42	5	11	52	3
32533	.6	17	35	5	14	67	1
32534	.8	17	23	5	13	62	4
32535	.9	11	27	5	8	44	1
32536	.4	15	26	5	14	62	1
32537	1.0	18	11	5	14	64	5
32538	.9	14	19	5	12	58	4
32539	.9	21	22	5	16	51	1
32540	.7	27	21	5	14	69	3
32541	.6	19	24	5	14	54	2
32542	.4	22	23	5	15	56	4
32543	.6	20	23	5	16	49	3
32544	.4	30	16	6	18	41	1
32545	.7	26	18	5	16	98	4
32546	.3	15	22	5	18	66	4
32547	.8	1	33	5	5	49	1
32548	.7	18	35	6	14	56	3
32549	.6	18	14	6	14	32	5
32550	.5	19	16	5	13	60	4
32551	.5	28	9	5	10	38	1
32552	.4	27	6	6	15	37	3
32553	.6	35	13	5	17	60	9
32554	.7	37	18	5	18	43	4
32555	.9	28	41	6	18	156	3
32556	.8	8	31	5	13	73	2
32557	.8	1	17	6	13	84	1
32674	.6	1	4	5	12	70	1
32675	.4	7	13	6	16	57	7
32676	.8	20	16	5	17	48	6
32677	.9	15	5	5	18	53	3
32678	.7	11	4	5	11	42	1
32679	.8	31	11	5	20	15	4
32680	.6	28	21	5	17	38	4
32681	.8	29	15	5	12	39	3
32682	1.7	1	122	5	22	85	1
32683	.6	20	39	5	16	39	3
32684	.8	1	7	4	11	48	14

(VALUES IN PPM)	AG	AS	CU	MO	PB	ZN	AU-PPB
32685	.8	15	60	5	11	75	3
32686	1.9	1	48	5	9	93	1
32687	1.7	1	275	8	15	76	3
32688	.8	23	40	5	13	54	3
32689	.9	17	11	6	16	66	5
32690	1.1	28	7	5	18	62	1
32691	.8	30	20	5	20	53	3
32692	.6	33	13	6	17	38	1
32693	1.2	28	15	5	16	83	1
32694	.8	26	20	5	16	54	4
32695	.7	30	11	7	16	35	16
32696	.8	30	14	6	19	48	4
32697	.9	23	10	5	14	55	2
32698	.7	24	18	6	15	44	4
32699	.6	39	12	5	20	41	1
32700	.7	28	11	5	16	60	3

(VALUES IN PPM)	AG	AS	CU	NO	PB	ZN	AU-PPB
32114	.8	15	32	3	38	97	2
32115	1.2	19	24	3	44	76	3
32116	1.7	20	72	4	52	79	1
32117	1.9	43	16	3	100	119	6
32118	1.4	44	16	3	78	126	3
32119	.7	21	26	3	44	318	3
32120	.6	26	76	3	80	534	42
32121	.9	37	54	4	74	312	7
32122	1.0	31	89	3	140	798	12
32123	.8	33	24	3	62	269	2
32124	1.1	21	18	4	76	163	4
32125	.9	15	16	3	76	117	1
32126	.6	14	14	3	74	103	1
32127	.7	12	12	3	28	69	3
32128	.8	11	9	3	32	79	1
32129	.9	13	28	3	34	125	18
32130	1.6	39	170	3	94	726	2
32131	.9	18	124	4	66	154	3
32132	.7	24	40	3	58	232	20
32133	1.0	500	176	16	224	919	24

PROJECT NO: 88BC030 KEY

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: B-1341/P1+2

ATTENTION: V.KURAN/D.ADAMEC

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM * DATE: SEPT 8, 1988

(VALUES IN PPM)	AG	AS	CU	MO	PB	ZN	AU-PPB
444	1.2	7	34	3	19	114	1
445	.8	15	28	3	14	107	1
446	.6	8	12	4	12	63	1
447	.7	11	19	3	24	135	3
448	1.9	17	48	3	21	83	2
449	.6	6	12	3	12	41	1
450	.7	24	12	4	15	82	3
451	.8	11	8	3	12	49	4
452	.6	16	8	3	8	43	2
453	.7	21	16	4	9	62	1
454	.5	17	12	3	12	57	3
455	.6	15	10	3	10	48	5
456	.7	16	16	3	12	69	2
457	.8	18	16	3	12	78	1
458	.6	21	18	4	24	121	3
459	.8	16	16	1	16	109	2
460	1.9	20	52	3	22	123	2
461	.8	13	20	3	15	64	3
32032	1.6	8	21	4	13	122	1
32333	.7	7	11	3	16	69	1
32034	1.3	12	28	3	17	99	3
32035	1.5	17	42	3	8	118	1
32036	.9	18	12	3	12	56	2
32037	1.2	31	12	3	13	92	2
32038	1.0	32	11	3	14	78	2
32039	.9	26	10	3	12	74	3
32040	1.3	16	9	4	12	63	2
32041	.8	30	12	3	9	67	2
32042	.6	20	9	3	12	78	2
32043	.6	10	8	3	12	41	3
32044	.8	27	12	4	12	104	2
32045	.6	11	6	3	13	56	4
32046	1.4	16	14	4	16	172	3
32047	1.3	20	14	3	26	109	1
32048	.7	22	12	3	22	137	3
32049	.6	19	12	3	14	73	4
32050	.9	21	16	3	12	63	1

COMPANY: HI-TEC RESOURCE MANAGEMENT

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 88 BC 030 KEY

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1341/P1

ATTENTION: V.KURAN

(604)980-5814 OR (604)988-4524

* TYPE ROCK GEOCHEM *

DATE: SEPTEMBER 2, 1988

(PPM) 32 443

AS .6

AS 4

CU 13

MO 3

PB 14

ZN 79

AU-PPB 2

COMPANY: HI-TEC RESOURCE

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 88 BC 030

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1342/P1+2

ATTENTION: V.KURAN/D.ADAMEC

(604)980-5814 OR (604)988-4524

TYPE SOIL GEOCHEM

DATE: SEPTEMBER 5, 1988

(VALUES IN PPM)	AG	AS	CU	MO	PB	ZN	AU-PPB
L3/0400S	1.1	15	12	3	20	62	2
L3/0450S	.8	9	10	4	16	129	1
L3/0500S	1.4	10	16	3	28	93	8
L3/0550S	1.2	12	18	3	32	132	3
L3/0600S	.7	11	11	3	17	73	2
L3/0650S	.8	16	11	3	18	72	2
L3/0700S	1.3	19	32	3	24	146	1
L3/0750S	.7	15	14	3	16	116	2
L3/0800S	.9	19	16	3	20	85	3
L3/0900S	.6	14	9	4	17	69	2
L3/0950S	.7	13	8	3	20	58	5
L3/1000S	.6	36	18	3	28	96	5
L5/0400S	.8	16	12	3	24	92	7
L5/0450S	.7	11	9	3	16	97	3
L5/0500S	.9	26	34	3	19	93	38
L5/0550S	.8	25	28	3	20	142	4
L5/0600S	.7	17	12	3	21	128	2
L5/0650S	.9	24	32	3	24	116	3
L5/0700S	.6	21	24	3	24	91	7
L5/0750S	1.2	53	24	3	25	112	2
L5/0800S	1.4	42	34	3	24	113	1
L5/0850S	.9	18	52	3	8	79	2
L5/0950S	2.3	21	30	4	28	125	3
L5/1000S	1.4	20	26	3	22	93	2
L7/0400S	1.1	18	13	3	24	124	6
L7/0450S	1.0	23	16	4	20	77	3
L7/0500S	1.0	29	12	3	19	83	2
L7/0550S	.9	20	14	3	24	114	1
L7/0600S	.7	35	18	3	25	105	1
L7/0650S	.8	23	25	3	28	131	10
L7/0700S	1.4	12	18	3	30	129	2
L7/0750S	2.3	26	32	3	32	151	1
L7/0800S	.8	18	12	4	24	74	3
L7/0850S	1.1	19	20	4	28	135	2
L7/0900S	1.3	13	16	3	26	149	6
L7/0950S	1.5	14	13	3	28	127	2
L7/1000S	1.0	18	12	3	20	81	1
L9/0400S	1.0	21	12	3	20	95	2
L9/0450S	.9	12	11	4	12	63	3
L9/0500S	1.1	25	14	4	24	113	2
L9/0550S	1.0	15	15	3	24	106	8
L9/0600S	.9	19	14	3	16	74	3
L9/0650S	.8	16	12	4	20	73	2
L9/0700S	.7	14	12	3	24	89	4
L9/0750S	.7	17	12	3	21	72	7
L9/0800S	.9	11	8	3	20	64	4
L9/0850S	.8	9	10	3	16	75	2
L9/0900S	1.1	14	12	3	20	109	2
L9/0950S	.9	17	12	4	26	101	1
L9/1000S	1.0	23	14	3	24	139	6

(VALUES IN PPM)	AG	AS	CU	NI	PB	ZN	AU-PPB
32184	1.1	1	76	18	16	127	39
32185	.9	19	22	11	11	86	17
3218640M	1.0	10	22	11	8	79	4
32187	1.0	12	22	11	12	88	1
3218840M	1.2	32	6	1	19	262	3
32189	.8	36	20	10	10	82	2
3219040M	1.4	51	15	6	13	85	1
32191	1.5	50	26	14	12	81	3
32192	1.8	66	38	5	11	93	2
32193	1.0	15	30	10	12	76	41
32194	1.1	56	29	6	8	85	2
32195	.6	59	25	9	15	68	3
3219620M	.7	4	23	5	11	86	4
32197	.8	17	24	5	11	79	2
32198	.6	16	19	8	14	69	2
3219940M	.6	11	17	5	10	68	1
32200	.8	60	20	10	14	65	2
32201	1.0	61	146	14	11	77	1
32202	.7	27	17	9	11	69	3
32203	1.1	15	28	9	9	92	1
32204	1.0	2	24	15	10	96	1
32205	1.1	1	22	9	13	101	3
32206	.9	11	22	11	14	71	1
3220720M	.7	12	22	9	12	64	2
32208	.5	19	24	8	14	92	2
3220940M	.3	28	38	12	11	78	1
32210	.8	8	12	6	13	77	2
32211	1.1	26	23	8	14	90	1
32212	.8	10	21	8	13	92	1
32213	1.0	29	24	10	13	93	2
32214	.9	56	14	4	8	91	2
32215	.5	59	31	7	12	94	1
32216	1.0	67	18	7	13	102	3
32217	.7	51	28	5	8	82	3
32218	.6	5	71	6	9	99	2
32219	1.1	64	23	10	10	96	4
32220	.6	61	40	25	16	99	1
32221	.7	1	22	8	13	90	3
32222	.6	6	21	8	10	80	2
32223	.6	17	20	10	14	82	2
32224	.8	13	41	10	13	87	3
32225	.9	52	32	13	13	98	1
32226	1.0	41	22	5	11	97	2
32227	1.1	54	26	3	7	102	1
32228	.7	37	29	6	16	100	2
3222940M	.9	19	23	9	13	82	2
32230	.8	63	22	6	12	98	1
32231	1.0	44	13	2	13	97	1
32232	.7	2	16	7	14	87	3
32233	.5	61	16	10	7	42	2
32234	.6	72	16	10	7	36	2
32235	.8	12	25	11	9	102	3
32236	1.0	5	39	11	13	95	2
32237	.4	16	23	11	8	77	1
32238	.9	20	24	8	8	87	2
32239	.6	1	20	10	8	92	1
32240	.5	72	23	11	10	100	2
32241	1.0	1	17	7	15	101	1
32242	.8	1	26	12	10	115	3
3224340M	1.0	1	24	7	17	113	2

COMPANY: HI-TEC RESOURCE MANAGEMENT

MIN-EN LABS ICP REPORT

(ACT: FIRE) PAGE 1 OF 1

PROJECT NO: 88BC030 ORD URSUS

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-13985/P3

ATTENTION: V. KURAN

(604)980-5814 OR (604)988-4524

TYPE SOIL GEOCHEM # DATE: SEPT 12, 1988

(VALUES IN PPM)	AG	AS	CU	NI	PB	ZN	AU-PPB
32244	.6	36	23	10	8	98	18
3224540M	.6	2	56	14	14	110	17
32246	.3	20	17	9	10	90	3
32267	1.0	7	103	15	8	63	11
32268	1.1	26	85	14	12	80	2
3226920M	.4	34	29	8	12	70	1
32270	.5	6	144	14	10	98	16
3227140M	.7	10	201	14	9	102	279
3227220M	.6	36	126	14	7	113	6
3227320M	.5	36	165	12	21	161	3
32274	1.0	19	363	18	37	374	9
3227540M	.5	46	172	12	36	207	2
3227620M	.9	38	183	12	15	214	1
3227720M	.5	36	92	11	9	166	67
3227840M	.6	35	118	9	15	192	3
3227940M	.6	40	112	10	12	167	2
32280	.7	37	134	9	12	192	2
3228140M	.4	30	93	10	14	145	1
3228240M	.5	38	95	9	10	176	2
32283	.6	36	163	10	14	209	3
32284	.5	26	113	8	9	182	4
3228540M	.4	29	114	9	8	183	2

(VALUES IN PPM)	AG	AS	CU	NI	PB	ZN	AU-PPB
32051	1.0	23	28	9	13	73	4
32052	.9	23	33	12	11	122	8
32053	.7	17	22	11	13	71	13
32054	.8	12	18	12	9	66	9
32055	.9	25	24	13	11	91	2
32056 20M	1.0	20	18	2	30	83	3
32057	.8	29	19	13	13	73	2
32058	1.0	24	18	11	7	60	4
32059 40M	.6	1	16	8	9	68	2
32060	.9	24	17	11	11	74	6
32061	.8	27	17	13	11	74	3
32062	.5	36	33	23	11	77	2
32063 40M	.9	24	22	4	14	79	5
32064 40M	.9	2	91	4	25	80	3
32065	1.0	1	19	3	13	71	3
32066 40M	1.1	27	21	4	13	78	4
32067	1.2	6	19	6	13	86	2
32068 20M	.9	20	29	5	8	79	2
32069 20M	.8	32	26	2	16	90	10
32070 20M	1.2	22	18	1	10	98	3
32071 40M	.9	22	25	2	13	88	2
32072 40M	.7	25	24	2	9	91	2
32073 20M	.6	1	26	3	9	86	3
32074 40M	1.0	1	25	1	10	85	2
32075 20M	.7	31	21	3	12	95	2
32076 20M	.9	1	23	1	11	109	2
32077 40M	1.3	32	56	8	13	190	3
32078	1.2	4	66	8	10	169	2
32079	1.0	23	68	8	8	197	4
32080	.8	1	29	6	8	113	2
32081 40M	.8	1	53	7	15	175	2
32082	1.1	1	58	3	13	82	2
32083	.6	33	20	5	9	70	1
32084	1.3	16	38	9	13	92	2
32085	1.4	62	25	9	13	89	3
32086	.9	1	32	8	6	89	2
32087	.9	9	34	16	15	89	4
32088	1.0	33	21	9	14	89	1
32089	.8	35	17	9	11	74	1
32090	.6	1	15	6	12	70	2
32091	.9	1	15	6	9	70	5
32092	1.1	32	16	8	13	72	6
32093	.7	25	19	6	8	97	3
32094	1.0	38	17	6	14	99	3
32095	.6	20	22	10	7	92	9
32096 40M	1.1	31	23	8	8	78	4
32097	1.2	80	19	11	17	96	2
32098	1.0	17	23	10	10	94	7
32099	1.0	17	39	21	16	107	3
32100	.7	37	25	6	20	96	6
32101 40M	.9	30	21	10	8	90	2
32102 40M	.8	30	13	4	17	70	2
32103 40M	.7	25	19	4	16	124	1
32104 20M	1.1	26	30	6	20	88	3
32105 20M	1.2	22	27	2	8	96	2
32106 20M	.7	15	32	4	9	97	5
32107	.8	25	31	3	13	94	2
32108 40M	.8	29	25	2	12	94	6
32109	1.2	23	32	4	12	90	3
32110 20M	.9	4	37	7	30	165	3

PROJECT NO: 888C030

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1398/P3

ATTENTION: V.KURAN

(604)980-5814 OR (604)988-4524 * TYPE SOIL GEOCHEM * DATE: SEPTEMBER 9, 1988

(VALUES IN PPM)	AG	AS	CU	NI	PB	ZN	AU-PPB
32111 20M	.8	4	39	10	11	150	4
32112 40M	.9	1	37	9	9	146	3
32113 40M	1.8	31	49	7	13	138	12
32134	.5	11	25	3	23	73	2
32136	.5	32	14	6	11	86	6
32138 40M	.9	26	10	1	7	104	3
32140	.7	17	14	7	8	73	5
32142	1.3	3	34	31	13	79	2
32143 N/S							
32144	1.1	27	36	16	11	85	2
32145 N/S							
32146	.3	11	9	6	9	49	3
32147	.4	1	8	2	7	80	2
32149	1.0	29	121	14	14	114	1
32150	1.2	22	21	4	7	87	3
33101 40M	.9	1	11	5	7	61	3
33102	.7	31	11	5	10	65	7
33103	1.0	24	21	7	12	84	2
33104	1.3	19	16	5	9	85	4
33105	.6	26	10	3	10	53	2
33471	.9	1	12	8	37	213	3
33472	1.8	4	42	4	63	537	38
33477	1.9	27	89	10	108	427	17
33484	.7	29	18	9	11	55	7
33485	.6	29	269	11	34	175	75
33490	1.4	56	23	5	10	70	9
33491	1.0	11	17	4	9	81	2
33492	1.3	48	17	4	6	75	4

(VALUES IN PPM)	AG	AS	CU	NI	PB	ZN	AU-PPB
18380	.3	20	25	13	8	61	2
18381	.5	8	22	12	13	65	1
18382	1.4	105	73	98	11	77	1
18383	1.3	24	347	4	45	72	2
18384	1.8	26	331	16	9	61	2
18385	.9	57	36	28	8	91	2
18386	1.1	56	83	9	37	49	4
18387	8.1	12	1278	13	20	49	21
18388	106.0	25	21093	13	49	153	15
18389	.5	29	57	8	17	81	3
18390	1.0	34	80	2	640	57	26
18391	11.0	2	2933	8	23	57	1
18393	8.5	1	4364	3	114	69	4
18394	.9	82	29	11	7	40	2
18395	4.3	79	30	12	7	38	3
18396	1.8	25	919	14	23	48	5
18397	36.0	8	12929	14	40	109	118
18398	13.0	17	2921	3	85	58	3
18399	.4	63	63	2	189	48	3
18400	16.5	15	2272	3	67	60	2
32463	1.0	19	31	2	43	97	1
32464	.7	1	38	10	10	67	2
32465	.9	33	19	8	14	58	1
32466	23.0	7	5670	4	113	87	12
32467	1.1	1	37	7	21	55	4
32468	1.5	31	60	55	8	87	2
32469	.8	37	12	6	9	191	3
32470	.4	31	23	13	7	47	1
32473	.5	28	23	14	9	64	6
32474	3.2	27	1201	2	15	162	18
32475	2.4	6	64	16	47	735	4
32476	3.5	19	4	2	9	156	254
32478	.8	13	33	9	14	85	15
32479	.9	21	20	4	10	72	10
32480	.8	1	230	7	10	103	12
32481	2.9	32	6064	9	11	102	329
32482	1.3	59	134	3	8	59	20
32483	.8	19	35	3	14	64	21
32486	12.3	16	3532	8	53	74	30
32487	.9	1	49	7	58	62	7
32488	.6	12	53	11	20	57	6
32489	19.4	26	2885	4	719	59	9
32839	.4	72	39	2	1328	40	7
32840	29.8	14	7117	2	161	83	56
32841	3.2	19	591	19	74	108	7
32842	10.6	9	2236	12	29	54	18
33207	.9	50	46	10	13	65	17
33208	4.4	2203	89	4	74	301	618
33210	3.2	50	310	32	120	92	21

APPENDIX IV

Rock Sample Descriptions



Rock Sample Descriptions**Titan Claim Group**

<u>Sample No.</u>	<u>Sample Type</u>	<u>*Width (cm)</u>	<u>Description</u>
32655	G	--	Pink altered, coarse granodiorite.
32656	G	--	Dark, medium grained granodiorite.
32657	R	10	Quartz vein in andesitic breccia.
32658	R	15	Rusty, silicified, fine grained andesite.
32659	R	20	Iron stained, fine tuff.
32660	R	20	Dark purple subrounded andesitic breccia.
32661	R	15	Quartz vein with minor iron stain.
32662	R	15	Quartz vein.
32663	R	100	Quartz vein in andesitic breccia.
32664	R	100	Quartz veining up to 1m in width in andesitic breccia
32665	R	20	Medium grained, rounded andesitic breccia.
32666	R	25	Fine, rounded andesitic breccia with quartz veinlets.
32667	R	20	Pink, medium grained granodiorite.
32668	R	20	Hematitic altered coarsed grained granodiorite.
32672	G	--	Light coloured coarsed granodiorite.
32673	G	--	Pink, coarsed granodiorite
32304	G	--	Grey conglomerate clasts +3cm.
32306	G	--	Green, medium grained porphyry - stream bed.
32313	G	--	Medium grained brownish granodiorite.
32315	G	--	Greenish grey conglomerate, clasts +3 cm.
32325	G	--	Redish fine grained granodiorite.
32329	G	--	Greenish-grey conglomerate clasts 1-3 cm.
32340	G	--	Redish fine grained granodiorite.
32344	G	--	Redish fine grained granodiorite.



32351	G	--	Redish coarse grained granodiorite.
32359	G	--	Redish fine grained granodiorite.
32362	G	--	Green, medium grained porphyry - stream bed.
32375	G	--	Moderately porphyritic tuff, brownish.
32376	G	--	Redish fine grained granodiorite.
32378	G	--	Fine grained tuff.
32379	G	--	Green, medium grained porphyry - stream bed.
32380	G	--	Redish coarse grained granodiorite.

Met and Gord Property

<u>Sample No.</u>	<u>Sample Type</u>	<u>*Width (cm)</u>	<u>Description</u>
32493	R	400	Dark grey andesite dyke 1-5% pyrite 145°/65°W.
32494	R	500	Andesite dyke ? abundant iron oxidation 360°/90°.
32495	G	--	Andesite with pyrite and chalcopyrite 1-5%.
32496	R	300	Andesite with pyrite and chalcopyrite 5%.
32497	R	30	Quartz vein in andesite, pyrite.
32498	R	20	Quartz vein with pyrite 1-5%.
32499	R	50	Quartz vein with pyrite, chalcopyrite and hematite.
32500	R	300	Quartz veinlets (1-3 cm) with pyrite 1-5%.
18401	R	200	Quartz veinlets (1-3 cm) with pyrite 1-5%.
18402	R	250	Medium grained andesite with 1-5% pyrite and chalcopyrite.
18403	R	100	Medium grained andesite with 1-5% pyrite and chalcopyrite.



18404	R	300	Medium grained andesite with 1-5% pyrite and chalcopyrite.
18405	R	200	Medium grained andesite with 1-5% pyrite and chalcopyrite.
18406	R	200	Medium grained andesite with 1-5% pyrite and chalcopyrite.
32843	R	50	Rusty fine grained andesite.
32844	R	30	Rusty andesite with chalcopyrite, pyrite and sphalerite.
32845	R	30	Porphyritic andesite with chalcopyrite, pyrite and malachite 65%.
32846	R	20	Rusty andesite with chalcopyrite and pyrite < 25%.
32847	G	--	Quartz float with galena, pyrite and chalcopyrite.
32848	R	25	Rusty fine grained andesite with chalcopyrite < 2%
32849	R	20	Rusty, pale green stained, very fine grained rock.
32850	R	30	Iron stained andesite with chalcopyrite.
33201	R	25	Rusty quartz in porphyritic andesite, with malachite < 2%.
33202	R	20	Rusty fine grained andesite with pyrite, chalcopyrite < 2%.
33203	R	25	Grey, fine grained andesite with malachite < 2%.
33204	R	30	Quartz vein with malachite < 2%.
33205	R	20	Rusty andesite with quartz veinlets, chalcopyrite < 2%.
33206	R	20	Grey, fine grained andesite with chalcopyrite < 2%.



Ursus/Oro Property

<u>Sample No.</u>	<u>Sample Type</u>	<u>*Width (cm)</u>	<u>Description</u>
32463	R	200	Dark grey, fine grained an-desite .
32464	R	200	Pink weathered, medium grained feldspar.
32465	G	--	Medium grained porphyry.
32466	G	--	Very oxidized andesite with small quartz carbonate veinlets, malachite.
32467	G	--	Feldspar porphyry with abundant epidote.
32468	R	100	Moderately rusty andesite.
32469	R	100	Moderately rusty andesite.
32470	R	100	Buff medium grained, very rusty andesite.
32473	G	--	Buff medium grained very rusty andesite.
32474	G	--	Dark grey porphyritic andesite with pyrite, chalcopryite <
32475	G	--	Buff medium grained very rusty andesite.
32476	G	--	Feldspar porphyry with abundant epidote.
32478	R	200	Feldspar porphyry with abundant epidote.
32479	R	150	Feldspar porphyry with abundant epidote.
32480	R	200	Buff medium grained very rusty andesite.
32481	R	100	Fine grained andesite with small quartz veinlets, pyrite and chalcopryite 1-5%.
32482	R	75	Very oxidized andesite.
32483	G	--	Very oxidized andesite.
32486	R	50	Feldspar porphyry with minor malachite.
32487	R	100	Medium grained andesite with moderate epidote alteration.
32488	R	200	Rhyollite ? with minor rust.
32489	R	150	Fine grained andesite with wollastonite ? and minor malachite.
33207	R	15	Light blue porphyritic tuff.



33208	R	20	Rusty porphyritic andesite with quartz stringers 2-3 cm, minor pyrite, chalcopyrite.
33210	R	20	Rusty porphyritic andesite, minor chalcopyrite.
18380	R	300	Purple medium grained breccia.
18381	R	300	Purple medium grained breccia.
18382	R	200	Dark fine grained andesite
18383	G	--	Purple volcanic breccia with minor malachite.
18384	R	100	Quartz, minor malachite.
18385	R	30	Dark grey, magnetic andesite.
18386	R	30	Creamy rhyolitic tuff.
18387	R	20	Quartz vein with malachite < 2%.
18388	R	15	Quartz vein with chalcopyrite, malachite tetrahedrite ? < 2%.
18389	R	50	Dark purple fine grained tuff.
18390	R	50	Quartz vein.
18391	R	50	Quartz brecciated vein, minor malachite.
18393	R	400	Quartz brecciated zone, malachite < 2%.
18394	R	200	Quartz brecciated zone, malachite < 2%.
18395	R	25	Quartz vein, malachite and chalcopyrite < 2%.
18396	R	25	Quartz vein, malachite and chalcopyrite < 2%.
18397	R	30	Quartz vein with malachite, chalcopyrite and pyrite < 5%.
18398	R	15	Quartz vein with minor malachite pyrite.
18399	R	40	White quartz vein.
18400	G	--	Quartz with minor malachite.
32839	G	--	Sugary quartz.
32840	G	--	Brecciated quartz, minor malachite.
32841	G	--	Brecciated quartz with porphyritic andesite, minor malachite.
32842	R	20	Quartz vein, minor malachite.

* R - Rock chip samples
 * G - Grab rock samples

APPENDIX V

Statement of Costs



STATEMENT OF COSTS

BEACHVIEW RESOURCES LTD.
TITAN, LAC NOIR, KEY, MET/GORD,
AND URSUS/ORO GROUPS
PROJECT 88BC030

Field Work Period:

August 6 - August 29, 1988

Salaries

J. Adamec, Geologist	
10 days @ \$375/day	\$ 3,750.00
W. Kushner, Assistant Geologist	
10 days @ \$250/day	2,500.00
Z. Bobinski, prospector	
10 days @ \$250/day	2,500.00
S. Carnogursky, technician	
10 days @ \$225/day	<u>2,250.00</u>
	\$11,000.00

Project Expenses

Project Preparation	3,150.97
Mobilization/Demobilization	2,851.92
Helicopter Support	
Total hours 12.2	8,064.58

Geochemistry

473 soil sample preparation @ \$1/sample	\$ 473.00
473 soil sample analysis for	
6 element ICP and gold fire geochem	
@ \$12.25/sample	5,794.25
49 rock sample preparataion @ \$3/sample	147.00
43 assay sample preparation	
@ \$3.75/sample	161.25
18 assay cut sample preparation	
@ \$1/samample	18.00
1 gold assay	8.50
Misc. Lab Charges	10.50
110 rock sample analysis for	
6 element ICP and gold fire geochem	
@ \$12.25/sample	<u>1,347.50</u>
	7,960.00

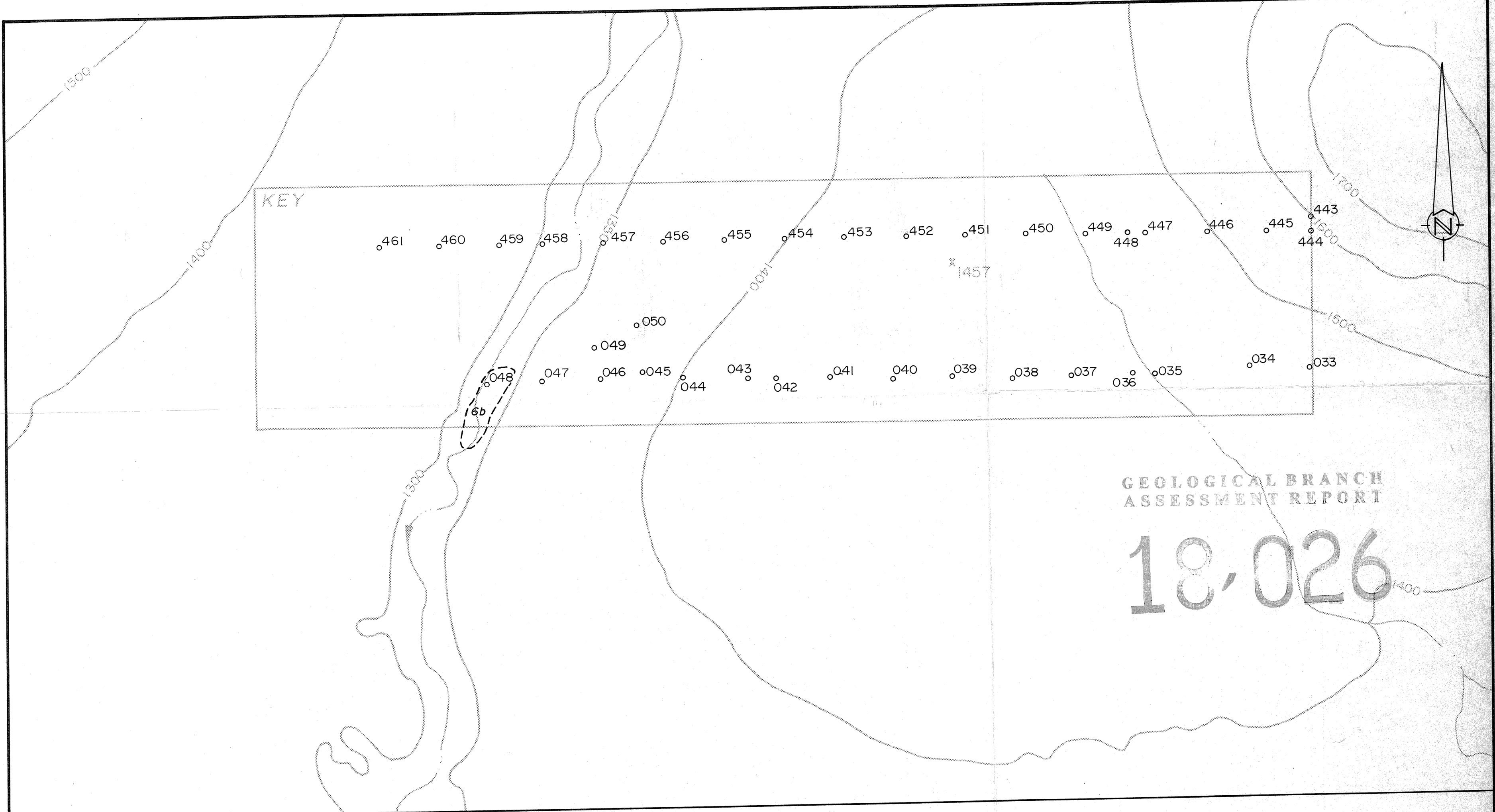
.../2



-2-

Domicile 40 man days @ \$70/man/day	2,800.00
Field Supplies	1,017.00
Field Equipment 40 man days @ \$30/day	1,200.00
Fixed Wing Support	342.90
Freight	35.34
Maps	4.87
Expediting	99.45
Assessment Filing	350.00
Communciations	68.76
Radio Rental 10 days @ \$25/day	250.00
Accounting	923.40
Report Compilation	7,750.00
Project Management Fee (not charged on salaries)	<u>4,822.41</u>
	\$ 52,691.60





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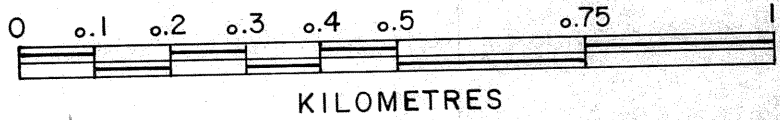
SOIL GEOCHEMISTRY DATA TABLE

SAMPLE NO.	Ag(ppm)	As(ppm)	Cu(ppm)	Mo(ppm)	Pb(ppm)	Zn(ppm)	Au(ppb)	SAMPLE NO.	Ag(ppm)	As(ppm)	Cu(ppm)	Mo(ppm)	Pb(ppm)	Zn(ppm)	Au(ppb)
444	1.2	7	34	3	19	114	1	32032	1.6	8	21	4	13	122	1
445	.8	15	28	3	14	107	1	32333	.7	7	11	3	16	69	1
446	.6	8	12	4	12	63	1	32034	1.3	12	28	3	17	99	3
447	.7	11	19	3	24	135	3	32035	1.5	17	42	3	8	118	1
448	1.9	17	48	3	21	83	2	32036	.9	18	12	3	12	56	2
449	.6	6	12	3	12	41	1	32037	1.2	31	12	3	13	92	2
450	.7	24	12	4	15	82	3	32038	1.0	32	11	3	14	78	2
451	.8	11	8	3	12	49	2	32039	.9	26	10	3	12	74	3
452	.6	16	8	3	8	43	2	32040	1.3	16	9	4	12	63	2
453	.7	21	16	4	9	62	1	32041	.8	30	12	3	9	67	2
454	.5	17	12	3	12	57	3	32042	.6	20	9	3	12	78	2
455	.6	15	10	3	10	48	5	32043	.6	10	8	3	12	41	3
456	.7	16	16	3	12	69	2	32044	.8	27	12	4	12	104	2
457	.8	18	16	3	12	78	1	32045	.6	11	6	3	13	56	4
458	.6	21	18	4	24	121	3	32046	1.4	16	14	4	16	172	3
459	.8	16	16	1	16	109	2	32047	1.3	20	14	3	26	109	1
460	1.9	20	52	3	22	123	2	32048	.7	22	12	3	22	137	3
461	.8	13	20	3	15	64	3	32049	.6	19	12	3	14	73	4
								32050	.9	21	16	3	12	63	1
ROCK SAMPLE	32	443	.6	4	13	3	14	79	2						

LEGEND

- soil/silt sample location
- area of outcrop
- flows and tuffs of tuff peak formation

N.B. All sample location numbers are prefixed by the numbers '32'.



BEACHVIEW RESOURCES LTD.

Key Property

Property & Geology
Sample Location Map

SCALE:
1:10,000

DWN. BY:
D. Adamec

CHKD. BY:

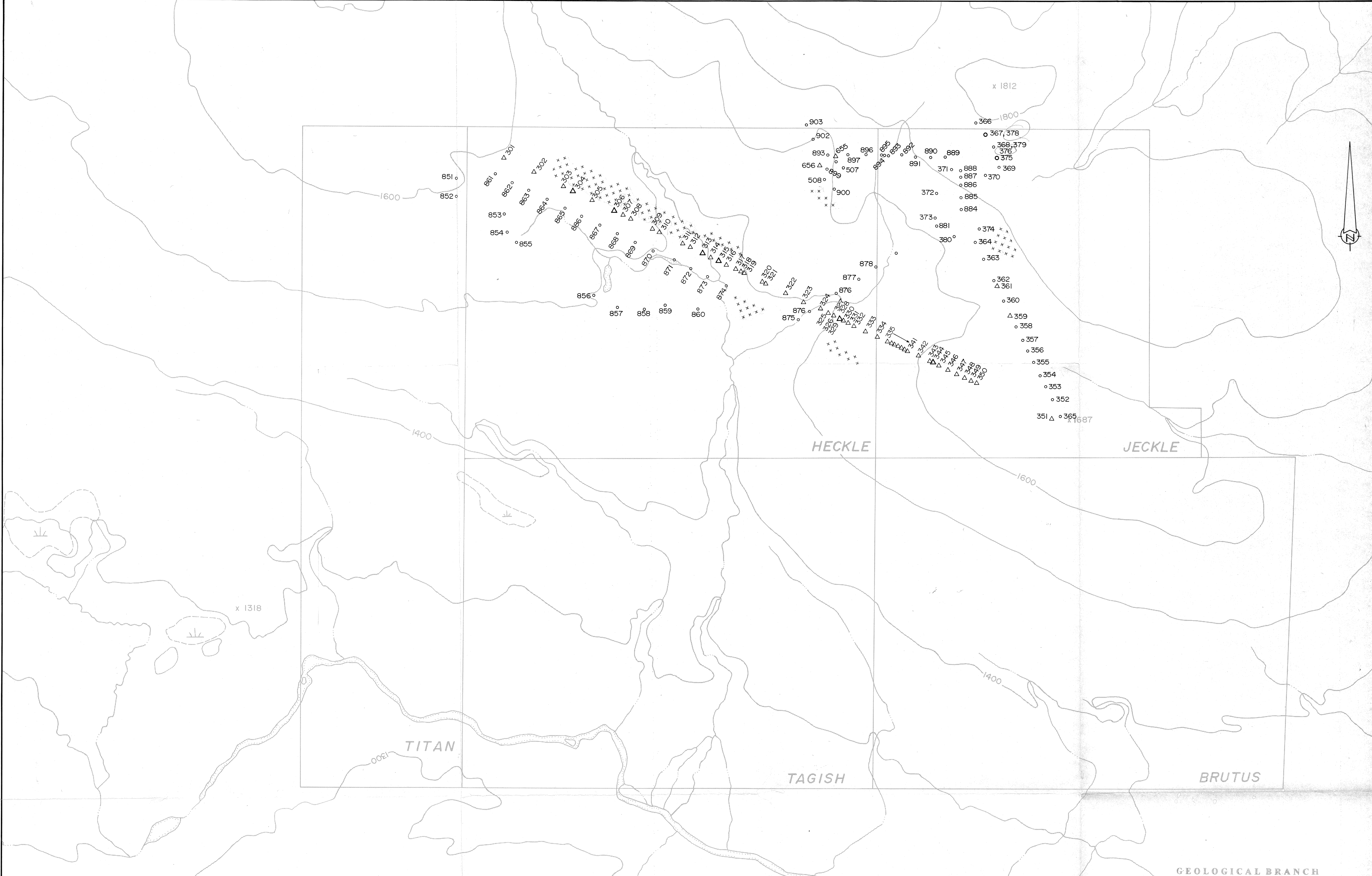
N.T.S.:
94-E/6

DATE:
Nov. 1988

PROJECT No.:
88-BC-030

FIGURE No.:
9

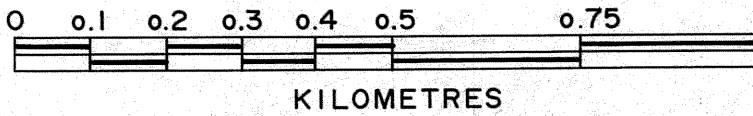
FILE No.:



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ASSESSMENT REPORT

18-026

N.B. All sample location numbers
contain five digits, and are
prefixed by the numbers, "32".



LEGEND

- △ rock sample location
- △ anomalous gold values
- soil/silt sample location
- anomalous gold values

SOIL GEOCHEMISTRY DATA TABLE

SAMPLE NO.	Ag(ppm)	As(ppm)	Cu(ppm)	Mo(ppm)	Pb(ppm)	Zn(ppm)	Au(ppb)
32301	1.1	1	25	6	9	58	1
323022M	1.8	48	28	7	8	69	3
32303	.3	1	16	6	10	56	1
32305	.5	6	25	6	13	43	1
323072M	.9	14	30	8	18	53	3
323082M	.6	47	33	6	8	79	2
32309	.4	4	26	6	18	63	3
32310	.5	18	23	7	22	49	4
32311	.7	22	27	6	8	52	3
32312	1.1	8	31	6	11	68	2
32314	.9	21	25	6	7	52	1
323154M	.3	13	29	6	13	68	1
323174M	1.3	43	37	6	14	89	2
32318	.9	14	33	7	8	69	3
323194M	1.0	40	36	6	14	78	1
323202M	2.1	33	50	7	14	97	2
323212M	2.8	13	49	9	20	75	4
32322	1.0	11	15	6	19	78	2
32323	.7	3	28	6	10	63	1
32324	.7	12	49	8	20	104	1
323264M	.6	7	34	6	9	72	3
32327	.6	1	28	6	19	40	2
32328	.3	15	25	6	14	54	1
32330	.6	18	17	6	11	63	1
32331	.8	36	88	7	8	190	1
323324M	.4	22	17	7	9	62	3
32333	.3	16	18	7	15	67	2
323344M	.6	19	21	7	18	85	2
323354M	.9	30	52	5	8	100	1
323364M	1.3	36	44	5	15	110	1
32337	.5	7	40	16	12	106	3
32338	1.0	38	31	8	10	73	8
323394M	1.7	21	63	7	13	104	3
32341	.8	47	58	6	22	95	1
323424M	1.1	30	109	5	10	105	1
32343	.7	1	15	6	11	47	1
32345	.9	5	15	6	8	56	2
32346	.5	6	48	7	21	68	2
32347	.5	15	77	13	30	57	3

SAMPLE NO.	Ag(ppm)	As(ppm)	Cu(ppm)	Mo(ppm)	Pb(ppm)	Zn(ppm)	Au(ppb)
32348	.6	14	31	5	13	72	2
32349	.8	1	27	5	15	83	1
32350	.4	4	33	5	16	85	1
32352	.7	31	23	6	12	58	1
32353	.8	38	29	6	9	66	3
32354	.6	1	35	5	11	81	2
32355	.3	1	30	6	11	62	1
32356	.5	1	58	14	13	95	2
32357	2.3	40	49	11	39	140	2
32358	.7	19	23	18	12	73	3
32359	.6	45	44	34	9	84	1
32361	.7	10	25	8	12	69	2
32363	1.8	3	33	20	8	125	3
32364	.3	1	29	8	9	82	1
32365	.9	9	58	15	8	102	1
32366	.6	41	33	6	10	67	1
32367	.6	22	62	6	8	67	4
32368	1.2	10	30	8	15	102	2
32369	.6	28	76	6	35	191	1
32370	.9	1	31	7	11	99	1
32371	.5	19	23	8	16	85	3
32372	.6	2	92	7	25	259	2
32373	.3	43	40	12	6	103	3
32374	.4	37	36	6	46	122	2
32377	.5	4	22	9	12	66	1
32378	.5	6	26	7	10	76	1
32381	.6	1	76	8	7	71	3
32382	1.9	118	118	7	42	175	2
32383	.4	35	81	5	15	130	1
32384	.7	120	111	6	23	112	1
32385	.8	75	72	8	18	98	3
32386	1.2	32	59	4	14	94	2
32387	1.4	97	164	3	23	69	1
32388	.9	5	71	6	32	91	4
32389	.9	120	95	8	8	130	3
32390	.8	13	70	6	24	92	1
32391	.7	7	61	5	19	112	3
32392	.9	44	68	5	17	87	2
32393	.8	65	61	5	11	92	2

ROCK GEOCHEMISTRY DATA TABLE

SAMPLE NO.	Ag(ppm)	As(ppm)	Cu(ppm)	Mo(ppm)	Pb(ppm)	Zn(ppm)	Au(ppb)
32394	.9	120	64	3	7	118	4
32395	.6	64	55	5	12	87	2
32396	.7	16	24	6	6	61	3
32397	.9	19	25	6	12	66	1
32398	1.4	25	32	5	12	100	2
32399	.9	13	25	6	13	70	1
32400	.8	9	27	6	10	72	5
32401	1.1	41	32	4	13	99	1
32402	.9	1	30	5	10	82	3
32403	1.0	4	30	6	14	87	1
32404	1.3	3	28	5	14	88	1
32405	1.1	2	46	7	12	90	4
32406	.8	31	37	6	8	101	3
32407	.7	1	21	5	6	70	2
32408	1.5	1	16	4	18	82	2
32409	1.6	1	354	7	10	131	3
32410	2.2	7	193	5	15	139	2
32411	1.1	30	29	9	21	72	1
32412	.6	18	27	12	19	101	2
32413	.6	16	32	8	11	61	1
32414	.4	1	29	7	12	94	3
32415	.7	1	1050	9	14	73	1
32416	.3	11	36	12	16	85	2
32417	2.2	30	356	13	72	485	3
32418	3.2	39	174	13	112	322	1
32419	.4	4	20	8	22	109	1
32420	1.1	26	28	8	15	66	3
32421	.6	23	33	8	18	72	2
32422	.4	15	23	8	17	61	4
32423	2.0	48	63	9	23	159	3
32424	1.1	1	33	9	22	186	2
32425	.9	5	33	8	20	106	1
32426	.7	3	20	7	16	59	3
32427	.6	50	27	7	11	95	1
32428	.6	10	28	7	16	79	3
32429	.4	15	28	7	17	65	3
32430	1.0	9	29	7	19	57	2
32431	1.5	6	29	8	10	63	1
32432	1.4	17	38	8	16	52	3

BEACHVIEW RESOURCES LTD.
Titan Claim Group

Property Geology
&
Sample Location Map



BHEC
RESOURCE MANAGEMENT LTD.

SCALE:
1:10,000

OWN. BY:
D. Adamec

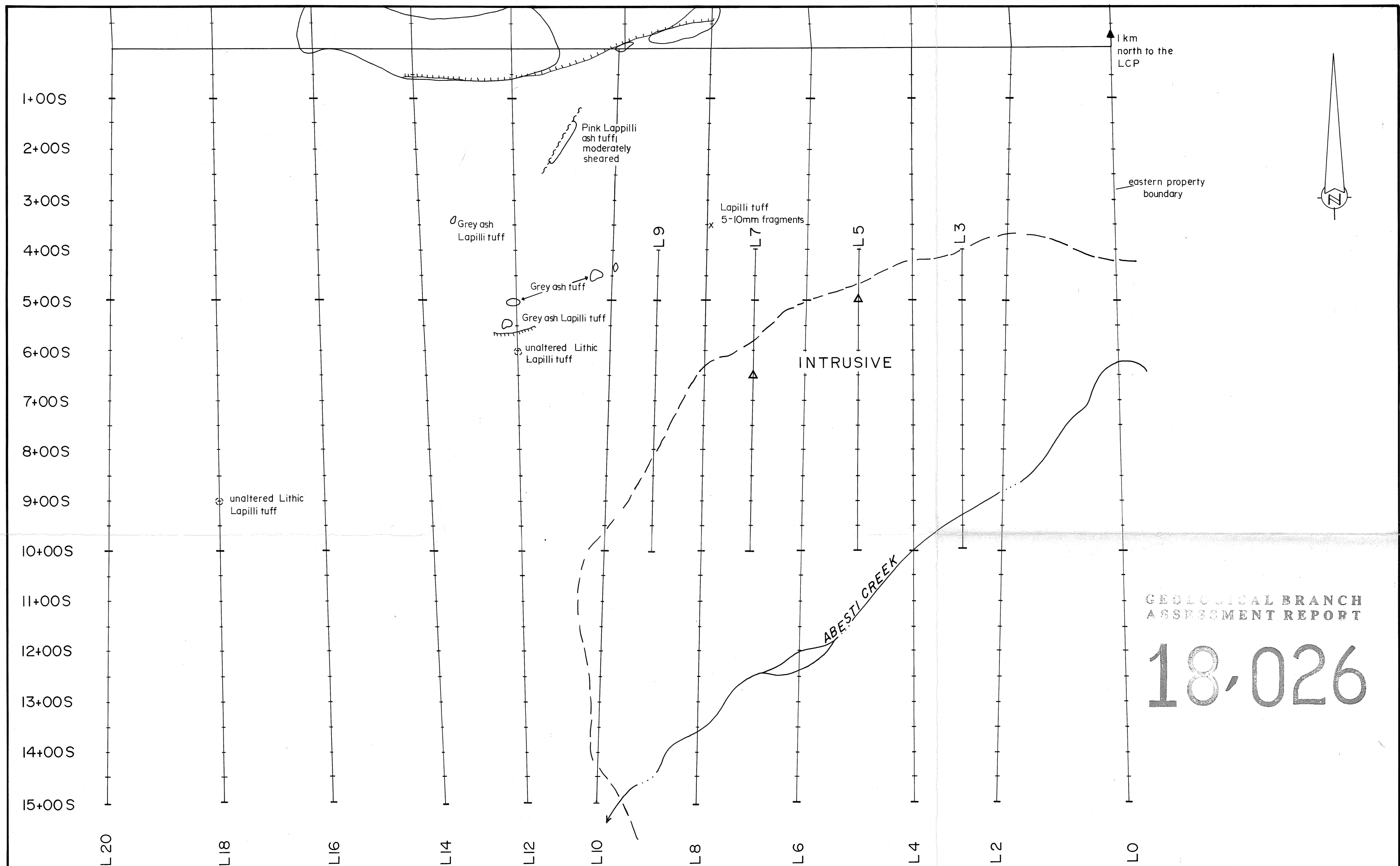
CHKD. BY:

N.T.S.

DATE:
Nov. 1988

PROJECT NO.:
B8-BC-030

FIGURE NO.:
5b



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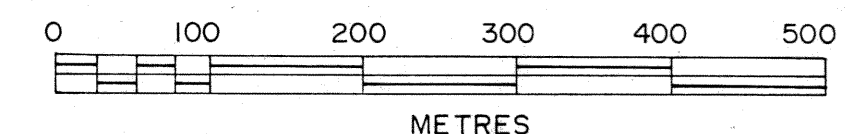
18-026

SOIL GEOCHEMISTRY DATA TABLE

LEGEND

- , X outcrop
- ~ fault
- geophysically inferred contact
- △ anomalous values (Au > 10ppb)

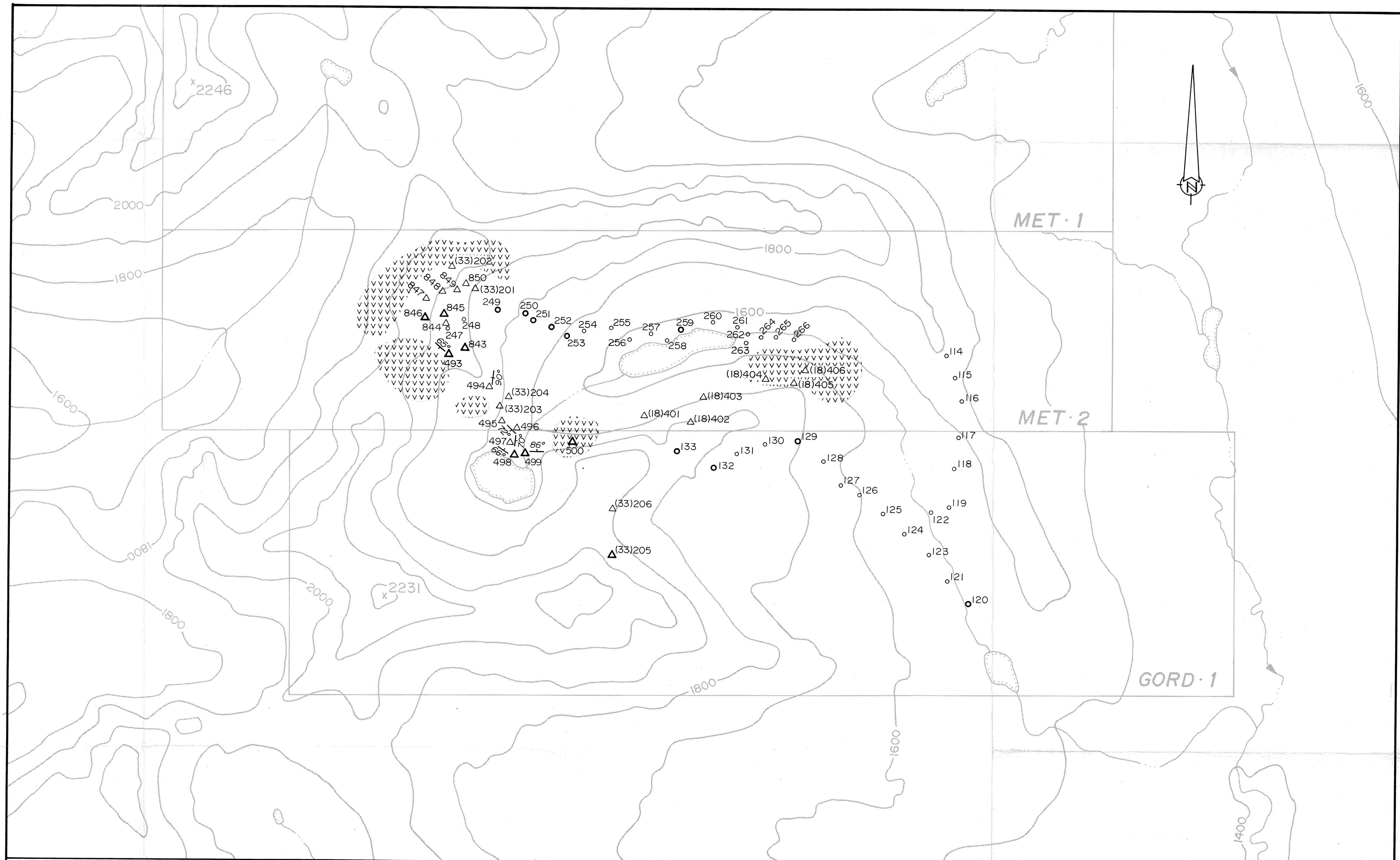
SAMPLE NO.	Ag(ppm)	As(ppm)	Cu(ppm)	Mo(ppm)	Pb(ppm)	Zn(ppm)	Au(ppb)	SAMPLE NO.	Ag(ppm)	As(ppm)	Cu(ppm)	Mo(ppm)	Pb(ppm)	Zn(ppm)	Au(ppb)
L3/0400S	1.1	15	12	3	20	62	2	L7/0450S	1.0	23	16	4	20	77	3
L3/0450S	.8	9	10	4	16	129	1	L7/0500S	1.0	29	12	3	19	83	2
L3/0500S	1.4	10	16	3	28	93	8	L7/0550S	.9	20	14	3	24	114	1
L3/0550S	1.2	12	18	3	32	132	3	L7/0600S	.7	35	18	3	25	105	1
L3/0600S	.7	11	11	3	17	73	2	L7/0650S	.8	23	25	3	28	131	10
L3/0650S	.8	16	11	3	18	72	2	L7/0700S	1.4	12	18	3	30	129	2
L3/0700S	1.3	19	32	3	24	146	1	L7/0750S	2.3	26	32	3	32	151	1
L3/0750S	.7	15	14	3	16	116	2	L7/0800S	.8	18	12	4	24	74	3
L3/0800S	.9	19	16	3	20	85	3	L7/0850S	1.1	19	20	4	28	135	2
L3/0850S	.6	14	9	4	17	69	2	L7/0900S	1.3	13	16	3	26	149	6
L3/0900S	.7	13	8	3	20	58	5	L7/0950S	1.5	14	13	3	28	127	2
L3/1000S	.6	36	18	3	28	96	5	L7/1000S	1.0	18	12	3	20	81	1
L5/0400S	.8	16	12	3	24	92	7	L9/0400S	1.0	21	12	3	20	95	2
L5/0450S	.7	11	9	3	16	97	3	L9/0450S	.9	12	11	4	12	63	3
L5/0500S	.9	26	34	3	19	93	38	L9/0500S	1.1	25	14	4	24	113	2
L5/0550S	.8	25	28	3	20	142	4	L9/0550S	1.0	15	15	3	24	106	8
L5/0600S	.7	17	12	3	21	128	2	L9/0600S	.9	19	14	3	16	74	3
L5/0650S	.9	24	32	3	24	116	3	L9/0650S	.8	16	12	4	20	73	2
L5/0700S	.6	21	24	3	24	91	7	L9/0700S	.7	14	12	3	24	89	4
L5/0750S	1.2	53	24	3	25	112	2	L9/0750S	.7	17	12	3	21	72	7
L5/0800S	1.4	42	34	3	24	113	1	L9/0800S	.9	11	8	3	20	64	4
L5/0850S	.9	18	52	3	8	79	2	L9/0850S	.8	9	10	3	16	75	2
L5/0900S	2.3	21	30	4	28	125	3	L9/0900S	1.1	14	12	3	20	109	2
L5/1000S	1.4	20	26	3	22	93	2	L9/0950S	.9	17	12	4	26	101	1
L7/0400S	1.1	18	13	3	24	124	6	L9/1000S	1.0	23	14	3	24	139	6



BEACHVIEW RESOURCES LTD.		
Wolf Claim		
Grid Geology & Sample Location Map		
SCALE: 1: 5,000	N.T.S.: 94E/11	FIGURE No: 11
DWN. BY: D. Adamec	DATE: Nov 1988	FILE No:
CHKD. BY:	PROJECT No: 88BC030	FILE No:



HI-TEC
RESOURCE MANAGEMENT LTD.



SOIL GEOCHEMISTRY DATA TABLE

SAMPLE NO.	Ag(ppm)	As(ppm)	Cu(ppm)	Mo(ppm)	Pb(ppm)	Zn(ppm)	Au(ppb)
32114	.8	15	32	3	38	97	2
32115	1.2	19	24	3	44	76	3
32116	1.7	20	72	4	52	79	1
32117	1.9	43	16	3	100	119	6
32118	1.4	44	16	3	78	126	3
32119	.7	21	26	3	44	318	3
32120	.6	26	76	3	80	534	42
32121	.9	37	54	4	74	312	7
32122	1.0	31	89	3	140	798	12
32123	.8	33	24	3	62	269	2
32124	1.1	21	18	4	76	163	4
32125	.9	15	16	3	76	117	1
32126	.6	14	14	3	74	103	1
32127	.7	12	12	3	28	69	3
32128	.8	11	9	3	32	79	1
32129	.9	13	28	3	34	125	18
32130	1.6	39	170	3	94	726	2
32131	.9	18	124	4	66	154	3
32132	.7	24	40	3	58	232	20
32133	1.0	500	176	16	224	919	24
32247	1.0	5	118	6	22	148	7
32248	.6	11	470	8	29	312	5
32249	.6	14	144	9	27	161	22
32250	.4	21	91	19	41	136	240
32251	.9	14	50	7	23	90	16
32252	.7	43	7	58	14	54	24
32253	.9	23	299	8	35	109	15
32254	.6	6	31	7	41	102	3
32255	.5	1	60	8	191	163	1
32256	.7	100	131	9	285	527	4
32257	1.2	17	38	7	62	131	8
32258	.9	17	246	6	264	991	1
32259	3.1	56	70	6	847	569	43
32260	1.6	31	21	7	46	68	9
32261	1.1	52	34	7	102	598	3
32262	1.0	23	177	8	94	688	4
32263	1.1	6	47	6	88	217	5
32264	1.3	18	25	7	73	68	1
32265	.7	11	34	7	168	280	2
32266	1.2	25	24	7	63	92	7

ROCK GEOCHEMISTRY DATA TABLE

SAMPLE NO.	Ag(ppm)	As(ppm)	Cu(ppm)	Mo(ppm)	Pb(ppm)	Zn(ppm)	Au(ppb)
13 401	1.1	3	170	4	16	90	5
18 402	2.0	11	39	5	29	71	6
18 403	9.6	117	28	4	380	225	14
18 404	2.6	400	21	4	250	745	2
18 405	5.1	400	21	3	81	152	4
18 406	1.8	34	14	3	42	109	18
32 493	4.9	10	360	6	32	101	42
32 494	1.2	10	28	4	25	33	19
32 495	3.3	19	410	25	38	42	37
32 496	3.5	14	9000	7	39	113	35
32 497	3.1	24	3800	8	57	65	2
32 498	1.6	18	660	24	23	44	394
32 499	15.2	4	8250	9	48	91	138
32 500	5.4	13	7950	5	33	180	161
32 843	1.0	52	34	4	24	30	66
32 844	2.7	11	1720	3	34	61	9
32 845	41.5	12	8900	4	67	50	1180
32 846	4.4	9	1620	3	36	41	43
32 847	7.5	4	720	4	5200	38	36
32 848	1.3	6	34	9	52	62	16
32 849	.7	7	15	10	38	32	3
32 850	.9	10	59	4	25	46	5
33 201	1.2	6	104	42	31	35	27
33 202	.8	7	26	4	14	50	3
33 203	3.0	6	2650	4	12	57	18
33 204	.4	2	550	3	6	6	2
33 205	.9	8	745	10	15	32	795
33 206	1.1	13	28	4	50	200	2

L E G E N D

- Takla volcanics
- △ rock sample location
 - △ anomalous gold values
 - soil/silt sample location
 - anomalous gold values
 - strike & dip

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

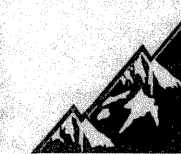
18,026

N.B. All sample location numbers contain five digits, and are prefixed by the numbers, "32", except where specifically noted.



BEACHVIEW RESOURCES LTD.
Met / Gord Property

*Property Geology
&
Sample Location Map*



HI-TEC
RESOURCE MANAGEMENT LTD

SCALE: 1:10,000	N.T.S.: 94 E/II	FIGURE No: 7
DWN. BY: D. Adamec	DATE: Nov. 1988	
CHKD. BY:	PROJECT No: 88-BC-030	FILE No: