

ARIS SUMMARY SHEET

District Geologist, Smithers

Off Confidential: 89.12.05

ASSESSMENT REPORT 18074

MINING DIVISION: Liard

PROPERTY: Joy
 LOCATION: LAT 56 44 00 LONG 130 58 00
 UTM 09 6289216 379680
 NTS 104B10W

CLAIM(S): Joy 1-2
 OPERATOR(S): Int. Wildcat Res.
 AUTHOR(S): King, G.R.; Demczuk, L.
 REPORT YEAR: 1988, 95 Pages

COMMODITIES
 SEARCHED FOR: Gold, Silver, Copper

GEOLOGICAL
 SUMMARY: The property is underlain by a sequence of intermediate clastic volcanics and silicified tuffs of Permian to Triassic age, which have been intruded by a granodioritic-tonalitic stock of Late Cretaceous to Early Tertiary age. Accessory magnetite is ubiquitous, phylitic alteration is pervasive. Gold, copper, silver mineralization occurs in an oxidized shear zone.

WORK

DONE: Geological, Geochemical, Drilling
 DIAD 302.7 m; EDB
 GEOL 1000.0 ha
 Map(s) - 1; Scale(s) - 1:5000
 ROCK 216 sample(s) ; CU, PB, ZN, AG, AS, SB, AU
 Map(s) - 2; Scale(s) - 1:5000
 SAMP 203 sample(s) ; CU, PB, ZN, AG, AS, SB, AU
 SILT 18 sample(s) ; CU, PB, ZN, AG, AS, SB, AU
 SOIL 39 sample(s) ; CU, PB, ZN, AG, AS, SB, AU

MINFILE: 104B 210

LOG NO: 1207

RD.

ACTION:

FILE NO:

FILMED

GEOLOGICAL, GEOCHEMICAL AND DIAMOND

DRILLING REPORT ON THE

JOY 1 AND 2 CLAIMS,

ISKUT RIVER AREA,

LIARD MINING DIVISION, B.C.

NTS 104-B/10W, 11/E

Latitude 56°45'N

Longitude 130°59'W

FOR

Brenwest Mining Ltd.

Suite 1984 - 1055 Dunsmuir St.

Vancouver, B.C.

V7X 1L4

BY

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V7Y 1G5

October, 1988

GEOLOGICAL BRANCH
MINING DIVISION
B.C. MINING
REVENUE DEPARTMENT

18,074
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1.0 SUMMARY

This report summarizes previously known geological information and the results of an exploration and drilling program on the Joy 1 and 2 mineral claims located in the western Iskut River area of northwestern British Columbia.

The Joy 1 and 2 mineral claims are owned by Brenwest Mining Ltd. and are under option to International Wildcat Resources Ltd. both of Vancouver, B.C. The property is located within the eastern boundary of the Coast Range Mountains approximately 275 km northwest of Smithers, B.C. The claims lie within the Liard Mining Division. This area has been the focus of intense mining exploration activity in recent years, resulting in several new economic discoveries.

The Joy 1 and 2 mineral claims lie within the westernmost part of the Intermontane Tectonic Belt. The property is underlain by a sequence of intermediate clastic volcanics and silicified tuffs intruded by a granodioritic-tonalitic stock. Minor metasediments were observed in the south-east part of the property.

In August and September, 1988, Hi-Tec Resource Management Ltd. conducted an exploration and drilling program on the Joy 1 and 2 claims. The drilling program was designed to test mineralized shear zones. A total of four holes were drilled (302.7 m). Diamond Drill Hole 88 DHB 03 intersected a 1.5 m wide (down the hole) strongly oxidized shear zone at 58.5 m depth. Gold values of .33 oz/t and .053 oz/t were obtained from this shear zone. Grab samples from the surface expression of the shear zone, above the hole, yielded up to 0.91 oz/t.



The shear zone is open at depth and to the east. Gold values from the other holes were subeconomic.

Significant gold mineralization on the Joy 1 and 2 claims occurs within sulphide-bearing quartz veins and shear zones in andesitic volcanics. Gold values of up to 5.542 oz/ton were recorded in grab samples. This property appears to have excellent potential for hosting economic precious metal mineralization.

Only part of the property has been explored and in order to fully evaluate the mineral potential of the Joy claims, further exploration work is recommended.

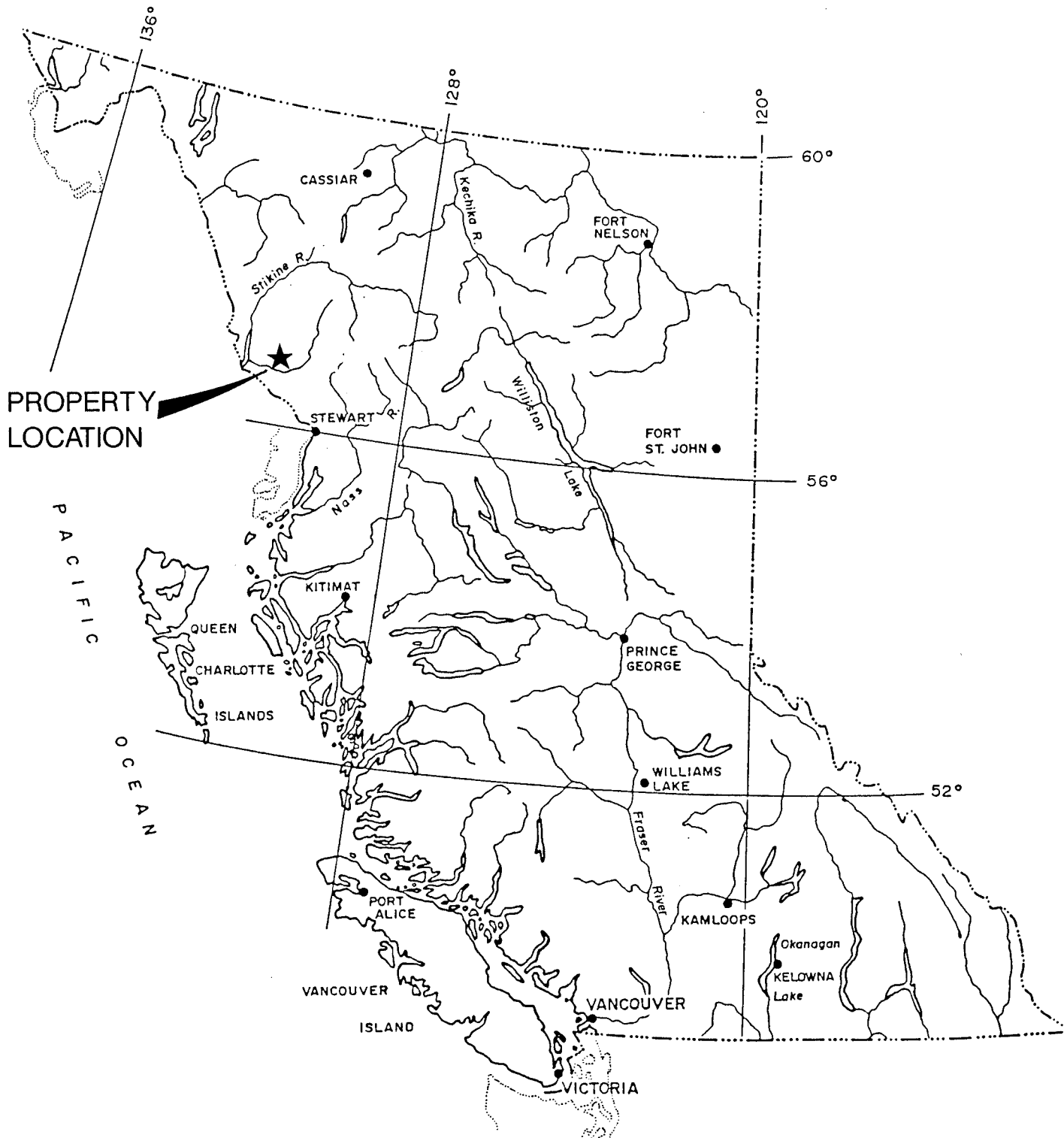
2.0 INTRODUCTION

Pursuant to a request by the directors of Brenwest Mining Ltd., an exploration program involving geological mapping, prospecting, geochemical sampling and diamond drilling was carried out on the Joy 1 and 2 claims by Hi-Tec Resource Management Ltd. from August to September 1988. The purpose of this program was to evaluate the precious and/or base metal potential of the property.

2.1 Location and Access

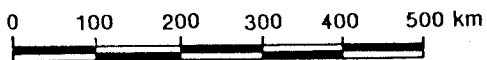
The Joy 1 and 2 mineral claims are located in the western Iskut River area of northwestern British Columbia. The property is approximately 110 air kilometers northwest of Stewart, B.C., 80 air kilometers east of Wrangell, Alaska and 10 air kilometers east-northeast of the Bronson Creek air strip (Figure 1). The southern boundary of the claims is about 3 km north of the Iskut River (Figure 2). The claims are located on NTS map sheet 104B/10W and 11 E at latitude $56^{\circ}45'$ North and longitude $130^{\circ}59'$ West.





PROPERTY
LOCATION

PACIFIC
OCEAN



INTERNATIONAL WILDCAT RESOURCES LTD

BRENWEST MINING LTD

JOY 1 & 2 CLAIMS
GENERAL LOCATION MAP



HI-TEC
RESOURCE MANAGEMENT LTD.

SCALE: As shown	N.T.S.: 104B/10,11	FIGURE No: 1
DWN. BY: HV	DATE: Sept./88	
CHKD. BY: L.Demczuk	PROJECT No: 88BC 018	FILE No:

The area is accessible by air from Smithers, Wrangell, Terrace or Stewart to gravel airstrips at Bronson Creek, Snippaker Creek and Johnny Mountain. The nearest road is Highway 37 at Bob Quinn Lake, which is 65 km to the northeast. The only means of access to the Joy property is via helicopter from one of the airstrips. Due to the dense forest growth and steep terrain, helicopter landing sites are not plentiful. However, access may be achieved along the Verrett River and above treeline on the eastern portion of the claims.

2.2 Physiography

Topographic relief on the Joy 1 and 2 claims ranges from relatively gentle to very steep. Several of the creeks cut deep and inaccessible gorges. Elevations vary from 200 m at the Verrett River to greater than 1600 m at the eastern edge of the claim block.

Much of the property supports a mature forest of spruce, fir and hemlock. Tree line is at an elevation of approximately 1200 meters. Below this, undergrowth is dense and consists mostly of devil's club and huckleberry.

The western Iskut River region lies within the coastal wet belt. Hence rainfall and snowfall tend to range from heavy to extreme. Permanent snowfields exist on the eastern portion of the claims above approximately 1500 meters in elevation.



2.3 Property and Ownership

The property is recorded as follows:

<u>Claim Name</u>	<u>Record No.</u>	<u>No. Units</u>	<u>Record Date</u>	<u>Recorded Owner</u>
Joy 1	3734	20	Dec. 5, 1986	I. Hagemoen
Joy 2	3735	<u>20</u>	Dec. 5, 1986	I. Hagemoen

Total: 40 Units

The Joy claim group consists of 2 contiguous claims totalling 40 units in the Liard Mining Division. Both claims are held by I. Hagemoen for Brenwest Mining Ltd.

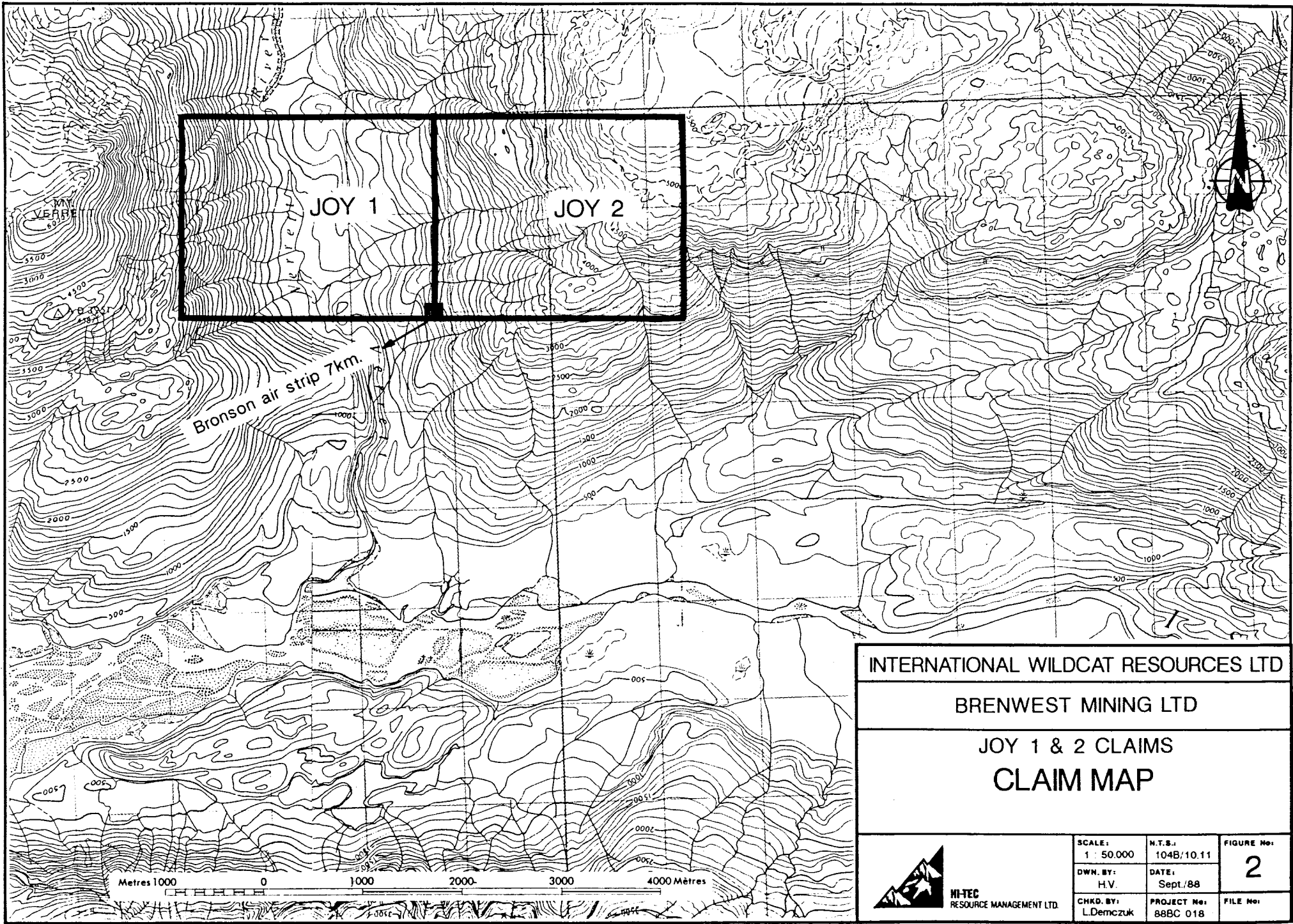
The claims are shown on Figure 2.

2.4 History and Previous Work

Although the Stikine River served as the access route to the placer deposits of the Cassiar area which were discovered in 1873, there is no record of any prospecting activity in the lower Iskut River area until 1907. In that year, F.E. Bronson and Associates of Wrangell, Alaska staked nine claims on the lower reaches of Bronson Creek, to the north of Johnny Mountain. The Iskut Mining Company was incorporated in 1910, and in 1911 it undertook a program of trenching and drifting on the Iskoot and Red Bluff claims. A report from that program states that a ton of ore from one cut yielded \$1.20 in gold, 44.2 ounces of silver and 12.45% of copper.

The Iskut Mining Company's claims were subsequently crown granted in 1914 and 1915 and by 1920, numerous trenches had been dug on these claims, along with a 30





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JOY 1 & 2 CLAIMS
CLAIM MAP



HI-TEC
RESOURCE MANAGEMENT LTD.

SCALE: 1 : 50,000	N.T.S.: 104B/10.11	FIGURE No. 2
DWN. BY: H.V.	DATE: Sept./88	FILE No:
CHKD. BY: L.Demczuk	PROJECT No: 88BC 018	

foot adit. The latter revealed a number of veins and stringers hosting galena and gold-silver mineralization.

In 1929, Consolidated Mining and Smelting staked 48 claims on Johnny Mountain. There is no record of any further work on these properties until 1954. In that year, prospectors from Hudson's Bay Mining and Smelting located the Pickaxe showing, and found high grade gold-silver-lead-zinc float on the open, upper slopes of Johnny Mountain. Today, these showings are part of Skyline Exploration's Reg property. Hudson's Bay Mining and Smelting allowed these claims to lapse after performing exploration work on them in the mid-1950's.

In the 1960's a number of major mining companies conducted helicopter borne reconnaissance surveys for potential porphyry copper-molybdenum deposits. Several new claims were staked on Johnny Mountain and along Sulphurets Creek in that period, while Kennco and Noranda investigated the original showings on Johnny Mountain. The original crown grants and surrounding claims were explored by a consortium of Cominco, Copper Soo Mining Ltd., and Tuksi Mining and Development Ltd. in 1965. Some 1,800 feet of diamond drilling in 10 holes was completed by this group. Further geological work was done on these properties in 1968.

Texas Gulf Inc. investigated the porphyry copper potential of Johnny Mountain in 1974. Numerous mining companies conducted exploration work elsewhere in the Iskut River area in the 1960's and 1970's. Among these were Iskut Silver Mines, which conducted programs involving geological and geochemical surveys, trenching and pack-sack drilling on a property located north of the Iskut River and between the Twin and Verrett Rivers.



On various occasions between 1962 and 1972, Newmont Exploration of Canada Ltd. conducted exploration programs involving geological mapping, geophysics and limited diamond drilling on several prospects in an area near the headwaters of Forrest Kerr Creek.

In 1965, Silver Standard Mines commenced work on the E & L prospect, a nickel-copper deposit on Nickel Mountain near the headwaters of Snippaker Creek. This prospect was later optioned by Sumitomo Metal Mining, and by the end of 1971, 1,500 feet of underground work had been completed in addition to intensive trenching, and surface and underground drilling programs.

In 1969, Skyline Explorations Ltd. restaked the Inel property, after having discovered massive sulfide float originating from the head of Bronson Glacier. The Reg property was restaked by Skyline in 1980, and in 1981, a program of trenching and limited diamond drilling was carried out on this property. The Reg property was optioned to Placer Developments Ltd. in 1982, which formed a joint venture program with Anaconda Canada Ltd. to carry out various surveys in addition to trenching and diamond drilling in 1983. Exploration was continued on the property by Anaconda in 1984, after which season it reverted to Skyline Explorations Ltd.

By the end of 1986, Skyline had completed 1,500 feet of underground cross-cutting and drifting in addition to extensive drilling on the Stonehouse Gold Zone. This work confirmed the presence of high grade gold mineralization in addition to silver and copper with good lateral and depth continuity over mineable widths.

In August, 1988 Skyline commenced commercial production from the Reg property. The success of Skyline's program



has provided the impetus for an extremely active mining exploration scene in the Iskut River area over the past few years. In 1987 and 1988 companies such as Western Canadian Mining Corporation, Gulf International Minerals Ltd., Tungco Resources, and Newhawk Gold Mines among others, have carried out extensive drilling programs in the area. Delaware Resources Corporation, in joint venture with Cominco, has carried out a major drilling program on the Snip Property near Bronson Creek, and a production decision is believed to be imminent.

There is no record of extensive exploration work having been done on the area now occupied by the Joy Claim group prior to 1987. However, in 1980, the Bax claims of Dupont of Canada Exploration Ltd. occupied in 1980 some of the ground that is now within the Joy 2 claim. A two day program of geochemical sampling was completed by Dupont that year, along with a minor geological examination.

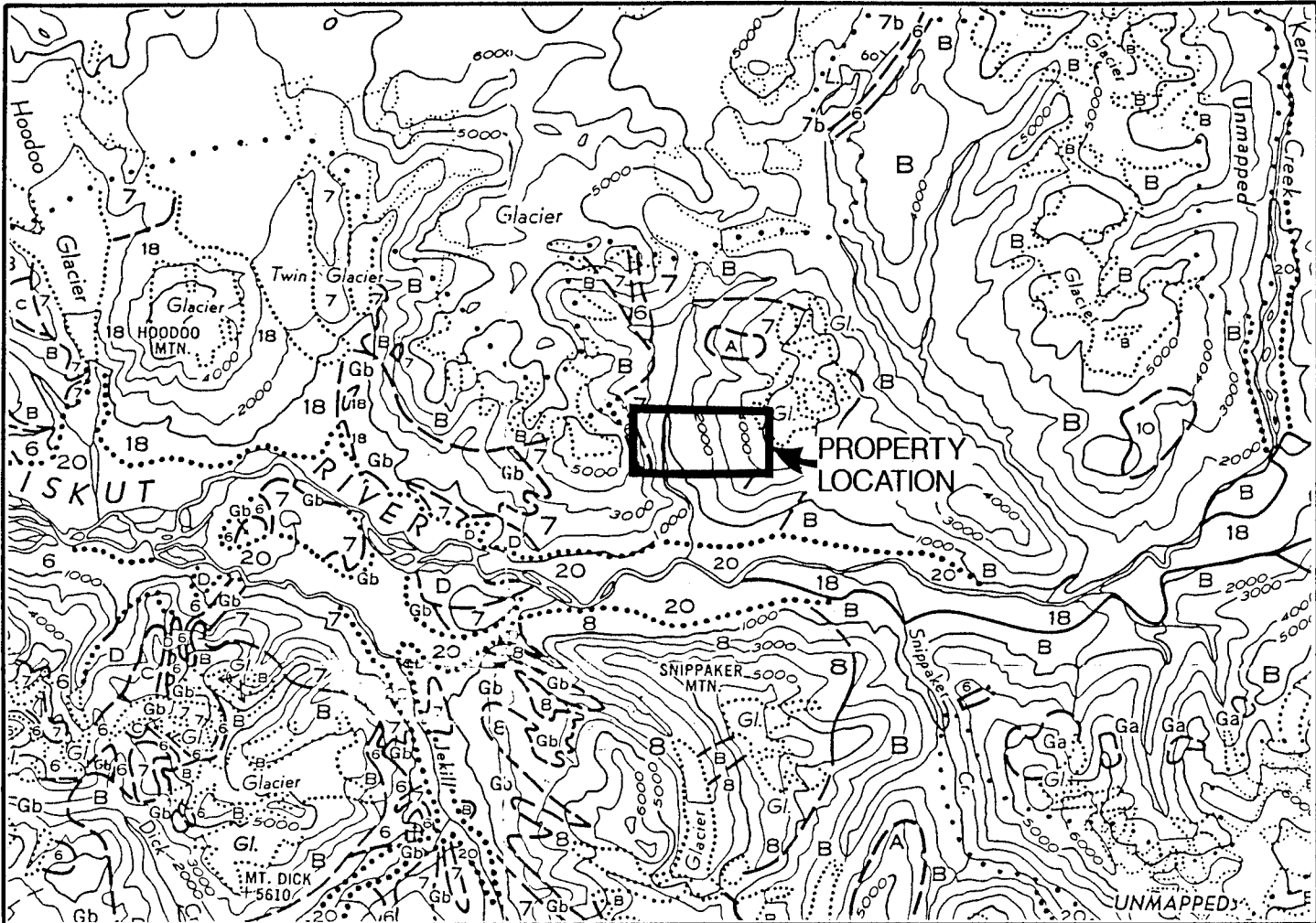
In 1987, Brenwest Mining Ltd. conducted a reconnaissance exploration program on the Joy 1 and 2 claims which resulted in locating a mineralized shear zone with gold values up to 5.54 oz/t gold.

3.0 GEOLOGY

3.1 Regional Geology and Mineralization

The subject property lies within the western most part of the Intermontane Tectonic Belt, close to its boundary with the Coast Crystalline Tectonic Belt. As a result of the proximity of this area to a regional tectonic boundary, geologic relationships tend to be quite complex. The geology of this area has been studied by Kerr (1930, 1948), and by Grove (1986), and is represented in





LEGEND

SEDIMENTARY and VOLCANIC ROCKS
QUATERNARY RECENT

- 20** Unconsolidated glacial and fluvial clay, silt, sand, gravel; till; peat, muskeg
- 18** Olivine basalt, ash, cinders

TRIASSIC

- 8** Tuff, silstone, limestone, conglomerate, breccia

PERMIAN and/or TRIASSIC

- 7** Volcanic and sedimentary rocks undivided; 7b) mainly graywacke, silstone, conglomerate

PERMIAN and (?) EARLIER

- 6** Limestone, greenstone, chert, argillite, phyllitic quartzite, greywacke; meta-andesite and meta-diorite locally abundant near ultramafic bodies. May include younger greenstone.

INTRUSIVE ROCKS

- A** Felsite, felsite porphyry
- B** Mainly quartz monzonite, granodiorite, granite
- C** Mainly diorite; minor gabbro
- D** Granite porphyry, granophyre, syenite and related rocks

METAMORPHIC ROCKS

PERMIAN and/or EARLIER PRE MIDDLE PERMIAN

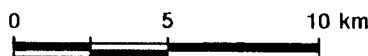
- G** Ga) Gneiss Gb) phyllite, quartzite, minor crystalline limestone, highly altered and sheared greywacke and volcanic rock

--- Geological boundary (defined, approximate, assumed)

↘ Bedding (Inclined)

◻ Heavy mineral concentrate

⊙ Mineral occurrence



From GSC map 9-1957 w

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JOY 1 & 2 CLAIMS

REGIONAL GEOLOGY



M-TEC
 RESOURCE MANAGEMENT LTD.

SCALE: 1 : 250,000	N.T.S.: 104B/10.11	FIGURE No: 3
DWN. BY: H.V.	DATE: Oct./1988	
CHKD. BY: G. King	PROJECT No: 88BC 018	FILE No:

Geological Survey of Canada Maps 9-1957, 1418A and 1505A. Figure 3 in this report is a generalized map of regional geology for the area.

The oldest rocks in the area are complexly folded and metamorphosed schists and gneisses of probable mid-Paleozoic age. The metamorphism occurs within and adjacent to a plutonic system. The metamorphic rock is commonly overlain by a white to grey crystalline limestone which is believed to belong to a Late Paleozoic sedimentary sequence that includes some minor greenstone units. This oceanic assemblage is part of the Stewart Complex, a tectonic unit which has been correlated with the Cache Creek Group.

The principal component of the Intermontane Tectonic Belt in the Iskut River area is a Mesozoic volcanic and sedimentary sequence. This was originally regarded as a Late Triassic sequence, correlative with the time equivalent Stuhini Volcanics; a theory which is supported by the presence of *Monotis* fossils on the north slope of Snippaker Peak and to the west of Newmont Lake. Grove (1986), however, correlates this unit with the Middle Jurassic Unuk River Formation of the Stewart Complex.

On the north slopes of Johnny Mountain and Snippaker Peak, Paleozoic metasedimentary rocks are found to overlie the Mesozoic sequence. These apparently represent the upper plate of a regional, east-west trending thrust fault, which pushed up and over to the south in a manner similar to that of the King Salmon Thrust Fault.

In the Coast Crystalline Tectonic Belt, Paleozoic and Mesozoic sequences are commonly intruded by plutonic rocks of quartz monzonite to quartz diorite composition.



These intrusions are Late Cretaceous to Early Tertiary in age. To the east of the main intrusive complex, smaller granitic plugs and stocks are prevalent.

Quaternary flows and ash deposits of olivine basalt are the youngest rocks in the area. Hoodoo Mountain is underlain by this unit, which also occurs in parts of the valleys of the Iskut River and Snippaker Creek.

The first mineral showing to be discovered in the western Iskut River area was located on Bronson Creek, two miles upstream from its confluence with the Iskut River. This is in the vicinity of the property currently being explored by the Delaware Resources-Cominco joint venture. The original showing was marked by a prominent zone of gossan and extensive alteration peripheral to an orthoclase porphyry intrusion. In this vicinity, there is a zone of sheared and altered volcanic and sedimentary rocks which is two miles long by 1,000 to 2,000 feet wide. In this alteration zone, pyritization varies from fracture fillings and disseminations to nearly massive pyrite. Other sulfides which occur in lesser abundance include arsenopyrite, chalcopyrite, galena, sphalerite, tetrahedrite and molybdenite in fractures and quartz veinlets within and adjacent to the intrusion. Significant values of gold, copper and silver were revealed by early work on this zone.

Numerous quartz-sulfide veins and skarn deposits have been reported from various locations along the Iskut River. Low gold values, and good grades of silver, copper, lead and zinc occur in many of these. Mineralized float has been observed below several glaciers in the area.



Near the headwaters of Snippaker Creek, Silver Standard Mines Ltd. and later Sumitomo Metal Mining did extensive surface and underground work on a copper and nickel bearing gabbro intrusion. A total of 3.2 million tons of 0.80% nickel and 0.60% copper have been confirmed in this deposit. However, this has been a low priority target over the past several years, as a result of depressed base metal prices and the relative remoteness of the location.

The two most significant mineral deposits subject to current investigation in the Iskut River area are the Skyline Explorations Ltd. Reg property on the north slope of Johnny Mountain and the Delaware Resources-Cominco Ltd. joint venture Snip property near Bronson Creek. These properties are only five kilometers apart and appear to be quite similar in nature.

At least seven auriferous, mineral rich quartz veins are known to occur on Skyline's Reg property. These are collectively known as the Stonehouse Gold Zone. This zone is hosted in an east-west striking, northerly dipping sequence of Jurassic volcanoclastics and porphyritic flows. A sequence of Middle Jurassic volcanic breccias and well stratified volcanic tuffs and sediments unconformably overlie the mineralized unit. Steeply dipping northeast trending fractures are the only known mineralized environment in the Stonehouse Gold Zone. These are developed in a zone some 4,700 feet long and 900 feet wide. The mineralized zones consist of pods, lenses and quartz veins which contain a variety of sulphide and sulphosalt mineralization in addition to native gold and electrum. Adjacent to the zones, extensive K-feldspar alteration occurs in the wallrock.



In addition to gold, copper and silver also occur in significant quantities. Grove (1986) estimated the known reserves at that time to be 938,446 tons grading 0.73 oz Au/ton, 0.85 oz Ag/ton and 0.76% Cu.

On the Delaware-Cominco joint venture's Snip property, four quartz-carbonate-pyrite shear veins with high gold values have been discovered. These strike 110° to 120° and dip 65° to the southwest, and occur in Mesozoic tuffs and arenites that have been intruded by a dike-like orthoclase porphyry. Extensive K-feldspar, silica, and pyrite alteration is associated with these zones.

3.2 Property Geology

Reconnaissance geological mapping conducted on the Joy 1 and 2 claims during the course of the 1987 and 1988 field seasons has delineated a complex sequence of volcanic rock with associated sedimentary units and subvolcanic intrusives. On the Joy 2 claim, this sequence has been intruded by an intrusive body of quartz monzonitic to granodioritic composition which most probably represents part of a plutonic complex of regional extent.

Volcanic rock comprises the majority of the bedrock lithology on the subject property. This material is generally of basaltic to andesitic composition, although dacitic to rhyodacitic flows are occasionally encountered in the eastern part of the Joy 2 claim (Figure 4).

The majority of the volcanic rock on the property is fine grained and massive, with flow boundaries being not readily discernible. Porphyritic horizons occur locally, with plagioclase being the dominant phenocryst



phase. Augite and hornblende phenocrysts appear in some outcrops, but these tend to be quite rare.

There is an extensive unit of agglomerate material in the northeastern corner of the Joy 2 claim. This contains fragments which range from 4 to 10 centimeters in diameter and are subrounded to rounded in shape. Two distinct types of fragment lithology are noted within this material. These are (1) plagioclase porphyritic material of intermediate to felsic composition and (2) felsic material with a rather pumice-like texture. Many of these fragments have undergone intense epidote alteration. The agglomeratic units generally strike 105° to 120° , which is consistent with bedding orientations measured elsewhere in the volcanic sequence on the subject property.

Fragmental textures are uncommon elsewhere in the volcanics of the Joy 1 and 2 claims. However, a distinctive lithology, which is characterized by the presence of rounded inclusions of plagioclase porphyry material hosted within a fine grained andesitic material, is encountered occasionally near the southern boundary of the Joy 2 claim.

A minor occurrence of flow-top breccia was observed by the authors on the west bank of the Verrett River. Fragments of this material range from 3 to 4 centimeters in width.

Accessory magnetite is nearly ubiquitous throughout the volcanic unit. Propylitic alteration is pervasive, particularly within the andesitic components of the sequence. Epidote commonly occurs as inclusions and fracture fillings in the volcanic sequence.



Carbonate alteration is generally not significant on the subject property. However, in the northeastern part of the Joy 2, there are distinctive bands of intensely carbonate altered material which are readily identifiable by their weathered surfaces. These bands are discordant with bedding and may represent the product of the late stage healing of faults or fracture zones by hydrothermal processes.

Sedimentary rocks, specifically cherts and argillites, occur as intercalations within the volcanic sequence. These are very probably the product of syn-volcanic deposition. In the southwestern part of the Joy 2 claim, sedimentary rocks comprise 20 to 30 percent of the sequence.

There are two minor occurrences of limestone on the subject property, both of which are situated immediately adjacent to the southern boundary of the claims. One of these, which is situated in the southeast part of the Joy 2 claim, appears to represent an isolated occurrence. The authors suggest that this may represent a possible olistostromal inclusion derived from the Permian limestones which outcrop to the west of the subject property.

An occurrence of crystalline limestone was encountered at the southern boundary of the Joy 1 claim, on the east side of the Verrett River. This may represent an outlier of the Permian? sequence. The contact between this material and the dominant volcanic sequence has not been observed on the property, as exposure is minimal in this area.

A major intrusive body of quartz monzonitic to granodioritic composition is observed in the north



central and east central portion of the Joy 2 claim. This intrusive appears to represent a portion of a plutonic body of regional extent. Alteration of this intrusion is locally intense and epidotization is pervasive.

Several small subvolcanic intrusives of dioritic composition are encountered in the southern part of the property. These are generally fine to medium grained and grade subtly in the volcanics.

Dykes of mafic composition are abundant on the Joy 2 claim, particularly near the contact between the granodiorite and the volcanics. These are generally near vertical in dip and trend from 90° to 110° . This orientation is broadly consistent with the strike of the volcanic unit. However, the mafic dykes are clearly the product of late-stage magmatism, as they are observed to cross-cut both the pluton and the volcanic sequence. A number of small, whitish-pink sills and apophyses of aplitic to alaskitic composition intrude the volcanic sequence in the vicinity of the granodiorite-volcanic contact.

The volcanic and sedimentary sequences on the Joy claims has been subjected to an intense deformational regime, with primary bedding features generally having been obliterated. Shears and veins encountered within this material often show signs of having been boudinaged, which attests to the significance of extensional forces in the Tectonic history of these rocks.

The most significant structural feature on the property is a prominent lineation which trends at 065° in the eastern part of the Joy 2 claim.



3.3 Mineralization

The most significant mineralized occurrence discovered on the subject property to date is an intensely oxidized, pyrite, quartz and chalcopyrite bearing shear zone, which was the target of the 1988 diamond drilling program. This shear zone can be traced on surface over a strike length of 35 meters. The shear zone pinches and swells considerably along strike. The maximum observed width is 35 centimeters. However, a 1.5 meter wide mineralized zone was intersected by drilling at 58.5 meters depth. Extremely high gold values were obtained from samples 87-BGR-011 and 88-RBMS-01. Recorded gold assay values in the samples were 190.00 g/tonne (5.542 oz/t) and 113.0 g/tonne (3.30 oz/t) respectively. These were grab samples taken at surface. A value of 0.33 oz/ton was obtained in 88 DDH 03, in 1988.

Localized occurrences of pyrite and chalcopyrite bearing quartz veins and shear zones elsewhere on the Joy 2 claim have yielded significant anomalous gold values. A highly anomalous assay value of 5.03 g/t was recorded in sample 88-BGR-028, which was described by a technician as being from a breccia zone which contained pyrite and chalcopyrite mineralization.

4.0 PROPERTY GEOCHEMISTRY

The objective of the 1988 program was to identify areas of future interest and follow up the best results from the 1987 exploration program. A total of 216 rock grab samples, 39 soil samples and 10 stream sediment samples were taken on the Joy 1 and 2 mineral claims.



The soil sampling program involved the establishment of two reconnaissance soil lines in the south-east part of the Joy 1 claim. The lines were oriented east-west and north-south. Samples were taken at 25m intervals; B soil horizon was collected whenever possible.

Stream sediment samples were collected from previously unsampled creeks. These samples generally consisted of silt and/or fine sand taken from stream beds.

Rock grab samples were routinely collected during the process of geological mapping and prospecting. These samples generally contained sulphide mineralization and many of them were from quartz veins and stringers.

All rock, soil and silt samples were marked in the field with the red flagging tape with corresponding numbers. All samples collected were analyzed for copper, lead, zinc, silver, arsenic and antimony by ICP and gold by fire assay. Fourteen rock samples were additionally analyzed for mercury and tellurium. All samples were analyzed at Min-En Laboratories Ltd. of 705 West 15th Street, North Vancouver.

The results are presented in Appendix IV and plotted on Figure 5.

4.1 Discussion of Geochemical Results

4.1.1 Rock Geochemistry

Anomalous precious metal and copper values were obtained from several of the rock grab samples taken from the Joy 1 and 2 mineral claims. Results for each analyzed element are discussed below:



Gold: Sixty-five of the rock grab samples yielded anomalous gold values exceeding 50 ppb. Extremely anomalous values exceeding 1000 ppb were recorded in eight samples.

Silver: Ten of the rock grab samples yielded silver values exceeding 4 ppm. An especially high value of 82.0 ppm, was recorded in sample 88 BSR 02.

Arsenic: Arsenic values exceeding 50 ppm were recorded in twenty six samples. The highest value, 96 ppm, was recorded in sample 88 BMR 24.

Antimony: Thirteen of the rock grab samples yielded slightly anomalous antimony values exceeding 10 ppm. The highest antimony value, 118 ppm, was recorded in sample 88 BSR 02.

Copper: Fifteen of the rock grab samples yielded copper values exceeding 300 ppm. Four of these were strongly anomalous: sample 88 BKR 15 - 7422 ppm, 88 BKR 49 - 1587 ppm, 88 BGR 19 - 1435 ppm and 88 BKR 51 - 1294 ppm.

Lead: Lead values exceeding 40 ppm were recorded in five of the rock grab samples. The highest value, 2405 ppm, was recorded in sample 88 BSR 02, which was a polymetallic anomaly.

Zinc: No anomalous zinc values were recorded; the highest value, 171 ppm was obtained from sample 88 BDR 50.

Mercury: One anomalous mercury value was recorded in sample 88 BDR 30 - 165 ppm.



Tellurium: There were no anomalous tellurium values.

4.1.2 Soil Geochemistry

Anomalous values in base and precious metals were recorded in several of the soil samples. Results for each analyzed element are discussed below.

Gold: Anomalous gold values exceeding 20 ppm were recorded in twelve soil samples. The gold values range from 1 ppb to 62 ppb.

Silver: Eight of the samples yielded anomalous assay values in silver exceeding 3.0 ppm. The highest value 4.0 ppm was recorded in sample 88 BCS 37.

Arsenic: Slightly anomalous arsenic values exceeding 40 ppm were recorded in five samples.

Antimony: Slightly anomalous antimony values exceeding 10 ppm were recorded in thirteen samples. The antimony values range from 1 ppm to 20 ppm.

Copper: There were no anomalous copper values.

Lead: Four of the soil samples yielded slightly anomalous lead values exceeding 30 ppm.

Zinc: One soil sample, 88 BMS 11 yielded an anomalous zinc value of 251 ppm.

4.1.3 Stream Sediment Geochemistry

There were only two anomalous gold values recorded in silt 88 BDL 40 - 37 ppb and 88 BDL 41 - 54 ppb. Other



metal values were below anomalous levels and warrant no further discussion.

5.0 DIAMOND DRILLING PROGRAM

5.1 Introduction

Pursuant to a request by Prime Capital Corporation and following recommendations from last years exploration program, a diamond drilling program was undertaken on the Joy 2 mineral claim in the Iskut river Valley of British Columbia by Hi-Tec Resource Management Ltd. The drilling program was conducted from August 27 to September 8, 1988. The purpose of the diamond drilling program was two-fold:

- 1) To test, at depth a shear zone anomalous in gold, located during the 1987 exploration program.
- 2) To investigate a series of VLF and magnetic anomalies defined by geophysical surveys of the property in 1987.

The drilling contractors were D. W. Coates, who used BDBGM diamond bits for all holes.

Three drillsites were chosen on the Brenwest property: grid coordinates 0 + 12W/0 + 15S, 0 + 0/00 + 50 S and 0 + 60W/0 + 70N (Figure 7 and 8). A total of 302.71 meters (1000') were diamond drilled on the Joy 2 mineral claim. All of the core was measured and marked at two meter intervals. The complete length of the core was split and sampled. Sample lengths were dependent upon mineralogical and lithological boundaries and were taken at 0.5, 1.0 or 2.0 metre intervals. All of the core boxes are stored at the base camp at the Verrett River.



Two hundred and three (203) split core samples were collected and all of the samples were analyzed for 6 elements (Ag, As, Cu, Pb, Sb, Zn) YCP and gold (Au) fire assay at Min-En laboratories Ltd., in North Vancouver, B.C. (Appendix IV).

5.2 Diamond Drill Log Synopsis

88 DHB 01

Grid Coordinates: Line 0, Station 12 W, 0 + 15 S

Dip: -48°

Azimuth: 024°

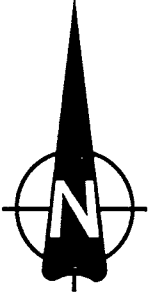
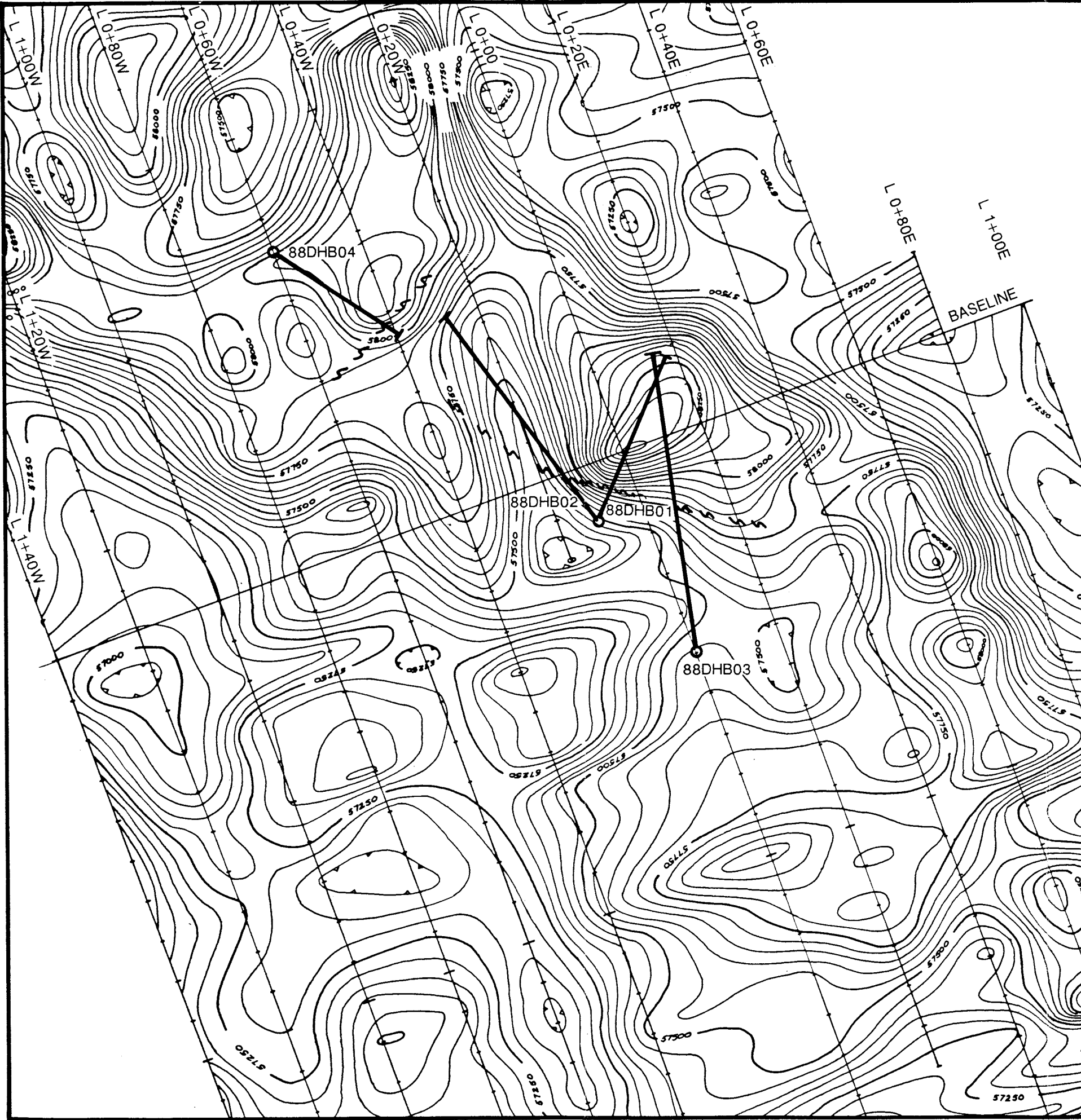
Depth: 64.97 m (213')

Casing: 2.74 m (9')


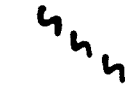
The target from this layout was a gold mineralized shear zone, coincident with a very strong magnetic anomaly (Figure 7). Four main rock types were recognized in this hole. The top (2.74 - 22.50 m) zone comprised a series of interbedded fine grained tuffs and massive porphyritic flows of andesitic origin. These are strongly fractured and sheared. Pyrite, magnetite, and occasionally chalcopyrite and galena in mineralized narrow quartz and calcite veins were recorded in the core. Intrusive orthoclase - rich dykes with weak malachite mineralization in fractures, cuts the volcanics from 11.79 to 13.70 m. The lower portion of the hole consisted of massive, strongly magnetic and silicified intermediate clastic volcanics with occasional breccia zones. Epidote, calcite and quartz veins commonly fill fractures and occasionally cross-cut this unit.

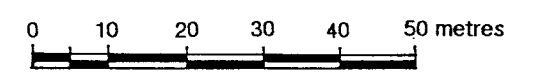
Recognized mineralization consisted of disseminated pyrite, magnetite and pyrrhotite with trace





LEGEND

-  Drill hole
-  Shear or fault zone
- Readings in gammas



INTERNATIONAL WILDCAT RESOURCES LTD

BRENWEST MINING LTD

JOY 1 & 2 CLAIMS

BRENWEST GRID

MAGNETOMETER SURVEY and DRILL HOLE LOCATION



HI-TEC
RESOURCE MANAGEMENT LTD.

SCALE: 1 : 1000	N.T.S.: 104B/10,11	FIGURE No: 7
DWN. BY: HV	DATE: Sept/88	FILE No:
CHKD. BY: L.Demczuk	PROJECT No: 88BC 018	

chalcopyrite, malachite and galena, associated with fractures and breccia. Forty-four samples were collected and only two anomalous gold assays (423 ppb, 440 ppb) were recorded within silica cemented propylitically altered breccia. The base metal, copper, silver and antimony values were generally below anomalous levels and warrant no further discussion. The drill hole section is presented on Figure 9.

88 DHB 02

Grid coordinates: Line 0 + 12 W, Station 0 + 15 S

Dip: -49°

Azimuth: 330°

Depth: 91.44 m (301')

Casing: 3.04 m (10')

This hole was designed to test at depth, a highly mineralized (5.54 Au oz/t) shear zone and a strong VLF anomaly delineated by the geophysical survey in 1987 (Figure 8). Lithologically, this hole is similar to diamond drill hole 88 DHB 01 and consists of massive strongly silicified sequences of porphyritic volcanics and interbedded tuffaceous banded units, occasionally strongly brecciated.

Fifty-three split core samples were taken and one anomalous gold assay was obtained (472 ppb). Other metal values were generally below anomalous levels. Both diamond drill holes (88 DHB 01 and 88 DHB 02) failed to intersect the gold mineralized shear zone at depth. The drillhole section is presented on Figure 10.

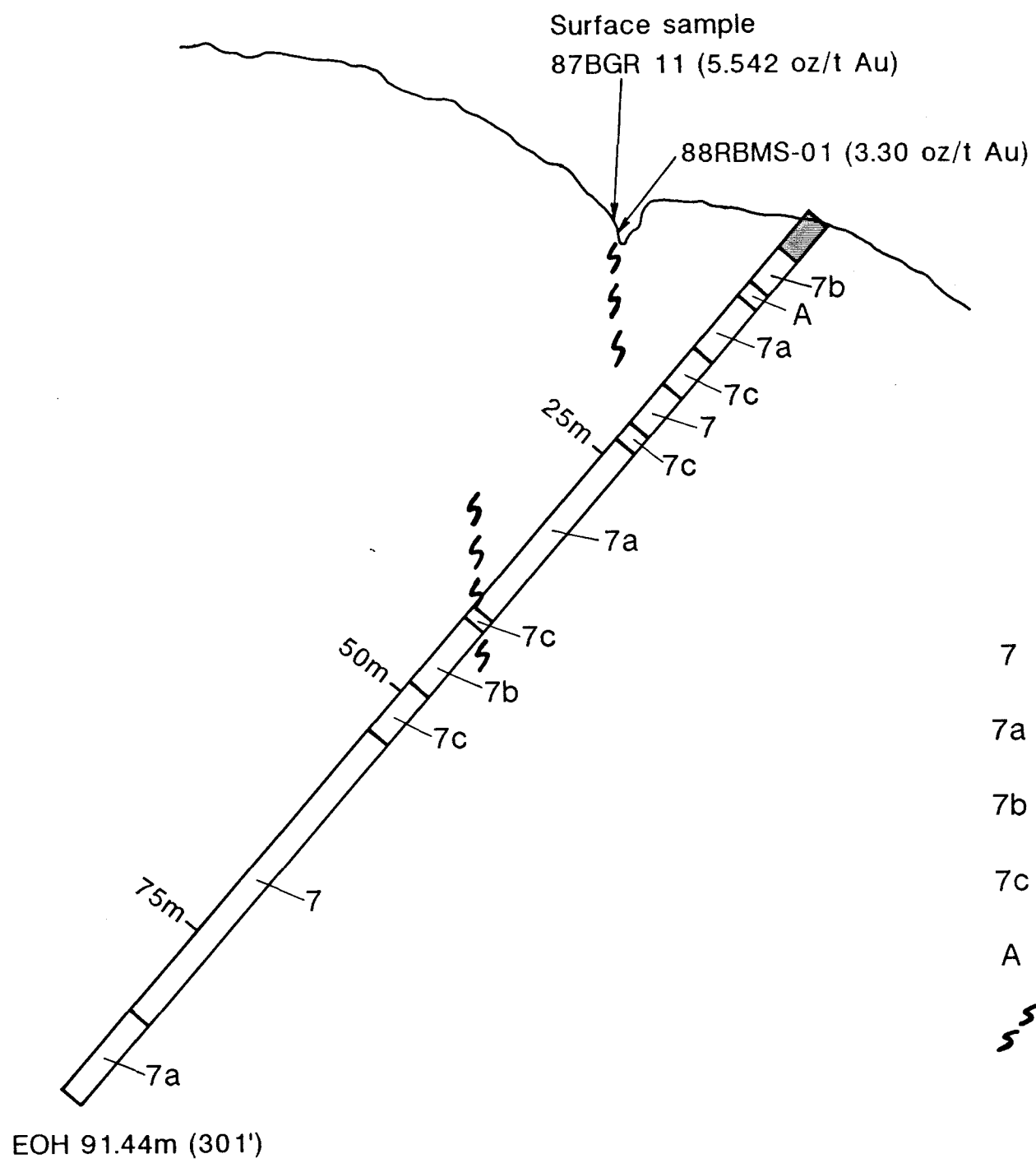
88 DHB 03

Grid coordinates: Line 0 + 00, Station 0 + 50 S

Dip: -46°

Azimuth: 355°





INTERNATIONAL WILDCAT RESOURCES LTD			
BRENWEST MINING LTD			
JOY 1 & 2 CLAIMS			
DRILL HOLE SECTION			
88DHB 02			
	SCALE:	N.T.S.:	FIGURE No:
	1 : 500	104 B/10.11	10
	DWN. BY:	DATE:	
	H.V.	Sept., 88	
CHKD. BY:	PROJECT No:	FILE No:	
L.Demczuk	88BC 018		

Depth: 97.53 m (320')
Casing: 3.05 m (10')

The target from this layout was the extension of a gold mineralized shear zone and VLF/magnetic anomaly outlined in 1987. The upper part of the hole consisted of massive strongly fractured and magnetic tuff, occasionally brecciated. At 58.21 it was intersected by a strongly oxidized shear zone, approximately 1.49 m wide with quartz fragments shear zone approximately 1.49 m wide (down the hole). The lower portion of the hole comprised a series of interbedded intermediate porphyritic volcanic and fine grained tuffs. These contained recrystallized pyrite associated with minor shear planes. All this unit has been strongly silicified and propylitically altered.

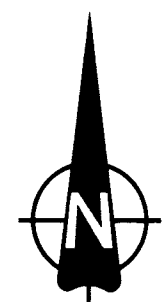
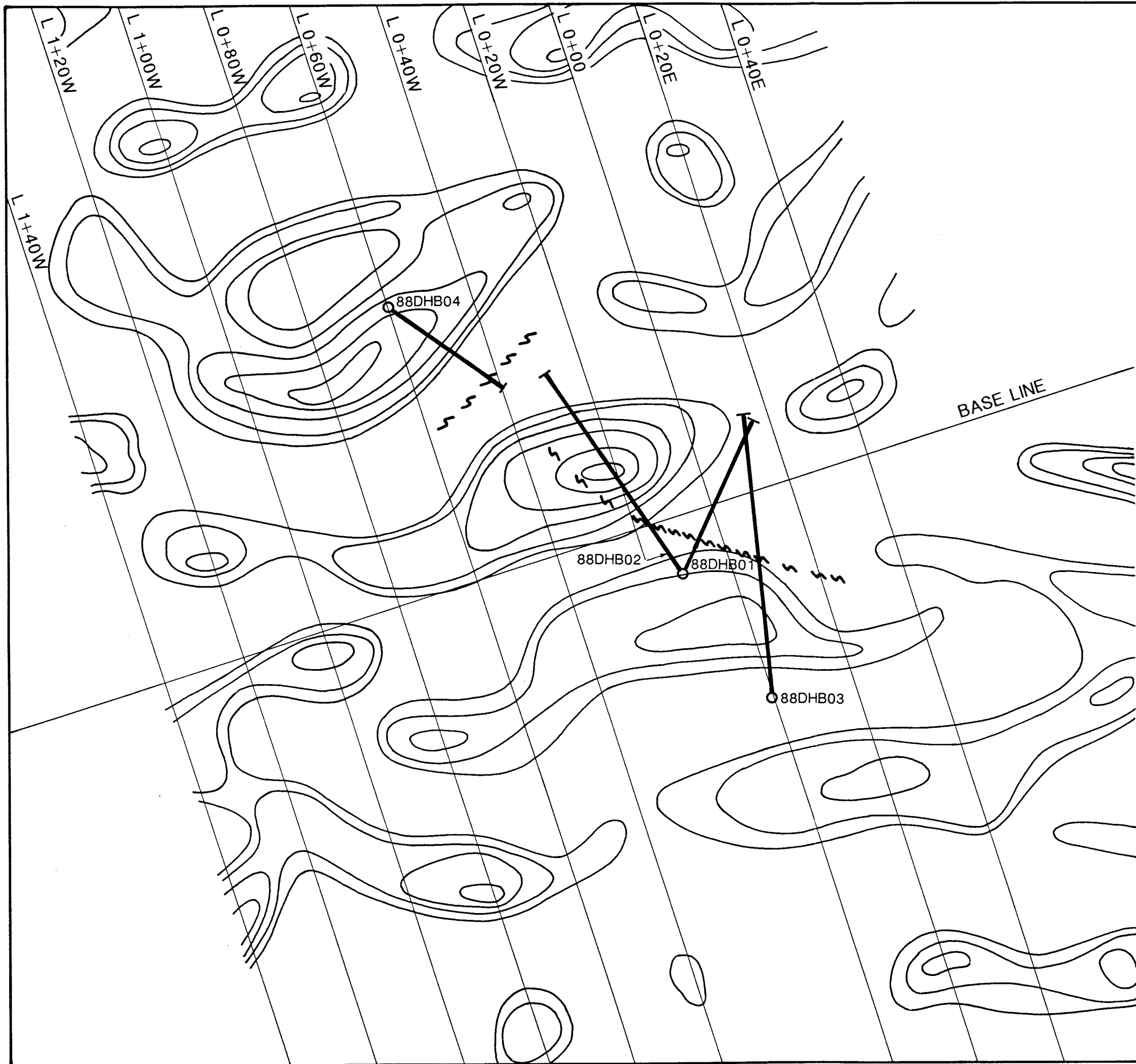
Sixty-three samples were collected for analysis. Gold values range from 1 ppb to .33 oz/t. The higher values (.33 oz/t, .053 oz/t, 2442 ppb) occur within a strong oxidized 1.5 m wide shear zone cutting clastic volcanics at 58.21 m depth. Other metal values are below anomalous levels. The drill hole section is presented on Figure 11.

88 DHB 04



Grid Coordinates: Line 0 + 60 W, station 00 + 70 N
Dip: -45°
Azimuth: 125°
Depth: 48.77 m (160')
Casing: 2.13 m (7')

This hole was designed to test a "possible " extension to the north-west Au-shear zone and VLF/magnetic anomaly (Figure 8). In general the lithology is similar to the other three holes and consists mainly of interbedded

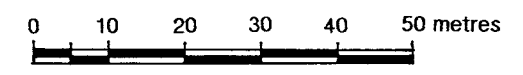





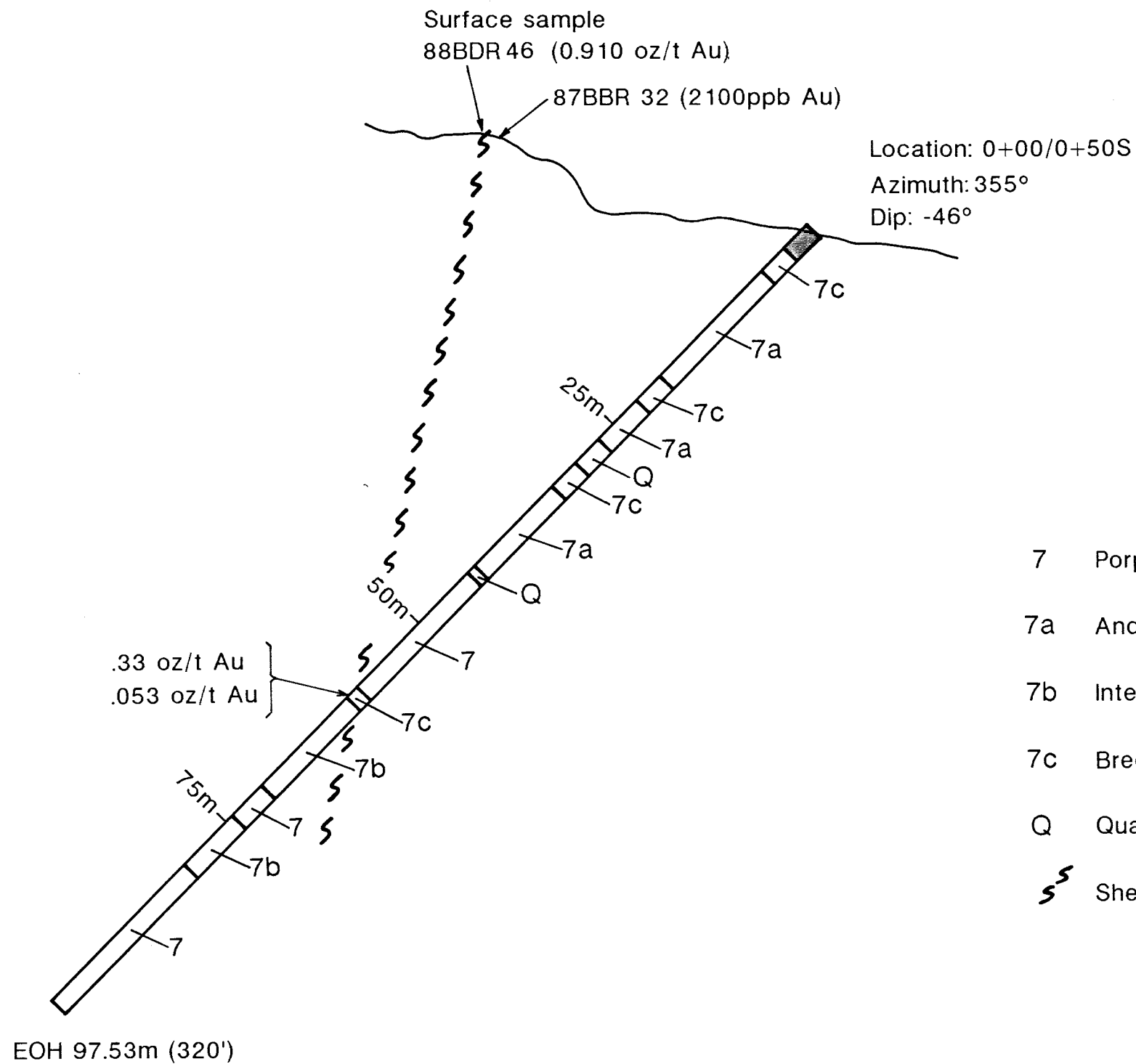
LEGEND

-  Drill hole
-  Shear or fault zone

Contour interval:
5,10,20,30,40,50



INTERNATIONAL WILDCAT RESOURCES LTD			
BRENWEST MINING LTD			
JOY 1 & 2 CLAIMS			
BRENWEST GRID			
VLF - FRASER FILTERED and DRILL HOLE LOCATION			
 M-TEC RESOURCE MANAGEMENT LTD	SCALE: 1 : 1000	N.T.S.: 104B/10,11	FIGURE No: 8
	DWN. BY: H.V.	DATE: Sept./88	FILE No:
	CHKD. BY: L.Demczuk	PROJECT No: 88BC 018	



LEGEND

- 7 Porphyritic intermediate clastic volcanic
- 7a Andesite tuff
- 7b Interbedded clastic volcanic and tuff
- 7c Breccia
- Q Quartz vein
- Shear zone and/or fault

INTERNATIONAL WILDCAT RESOURCES LTD

BRENWEST MINING LTD

JOY 1 & 2 CLAIMS
DRILL HOLE SECTION
88DHB 03



M-TEC
RESOURCE MANAGEMENT LTD.

SCALE: 1 : 500	M.T.S.: 104B/10.11	FIGURE No: 11
DWN. BY: H.V.	DATE: Sept. 1988	FILE No:
CHKD. BY: L. Demczuk	PROJECT No: 88BC 018	

porphyritic volcanic and tuffaceous banded units with well developed breccia zones. Two narrow (0.60 m and 0.95 m wide) quartz-diorite dykes were intersected at 11.97 m and 21.85 m depths. The best mineralized zone of vuggy, strongly silicified breccia extended from 32.12 m to 42.00 m (33'). Patches of massive pyrite and pyrrhotite (up to 30%) with some narrow chalcopyrite veins and malachite staining were recorded in the unit.

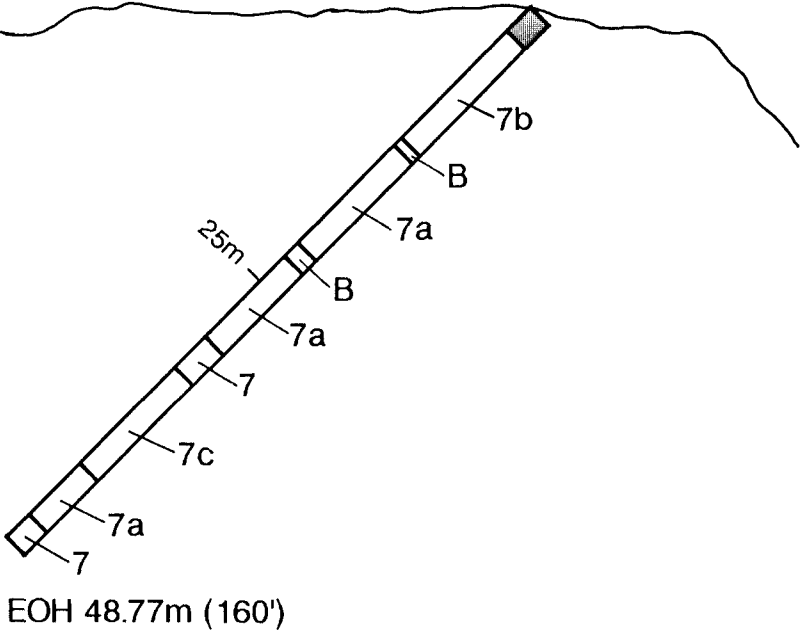
Forty-two samples were collected and all gold and silver values are below anomalous levels. The vuggy breccia shows anomalous copper values which range from 6 ppm to 1307 ppm and average 233 ppm. Due to relatively low lead zinc and antimony values their occurrences are considered insignificant. The drill hole section is presented on Figure 12.

6.0 CONCLUSIONS

The Joy 1 and 2 claims are underlain by a sequence of predominantly intermediate to mafic volcanics, with some intercalated sedimentary horizons. This sequence is intruded by a plutonic body of quartz monzonitic to granodioritic composition. Anomalous gold values have been obtained from numerous rock samples collected on the property during the course of the 1987 and 1988 exploration programs. Most of these come from quartz veins and shear zones which are of rather limited extent. The most significant of these is a shear zone which may be traced over 35 meters of strike length. This was the target of the 1988 drilling program and values of up to 0.33 oz/ton were obtained from core samples at a depth of 58.5 meters in 88 DHB 03.

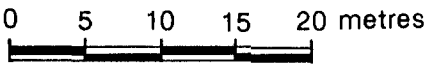



Location: 0+60W/0+70N
 Azimuth: 125°
 Dip: -45°



LEGEND

- 7 Porphyritic intermediate clastic volcanic
- 7a Andesite tuff
- 7b Interbedded clastic volcanic and tuff
- 7c Breccia
- B Intermediate intrusive



INTERNATIONAL WILDCAT RESOURCES LTD			
BRENWEST MINING LTD			
JOY 1 & 2 CLAIMS DRILL HOLE SECTION 88DHB 04			
 HI-TEC RESOURCE MANAGEMENT LTD.	SCALE: 1 : 500	N.T.B.: 104B/10,11	FIGURE No: 12
	DWN. BY: H.V.	DATE: Sept./88	
	CHKD. BY: L. Demczuk	PROJECT No: 88BC 018	FILE No:

In light of the encouraging results provided by the past two seasons of exploration on the subject property, further exploration work is recommended.

7.0 RECOMMENDATIONS

In order to more fully evaluate the mineral potential of the subject property, further exploration work is recommended.

A comprehensive program of contour soil sampling should be conducted on the area of the property which lies below tree line and east of the Verrett River. Special emphasis should be placed on the southern part of the property, as anomalous gold values were obtained from rock samples taken in this area. Outcrop exposure is minimal in much of this part of the property.

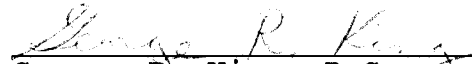
Further prospecting and mapping should be conducted on the easternmost part of Joy 2 claim and the western part of Joy 1 claim. The only practical time to conduct such a program on the property, is approximately during the month between August 15 and September 15 each year. Any attempt to undertake such a program at any other time of the year will be infeasible due to snow cover.

A geophysical program should be conducted on a grid with a baseline paralleling the structural lineation which is present in the eastern part of the Joy 2 claim. Further ground geophysical work could be planned on the basis of the results of the airborne geophysical survey which was conducted on the subject property in 1988. The authors have not yet had the opportunity to view this data.



Respectfully submitted,

HI-TEC RESOURCE MANAGEMENT LTD.



George R. King, B.Sc.,
Geologist

Les Demczuk, M.Sc., F.G.A.C.,
Geologist

October 21, 1988



APPENDIX I

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APPENDIX II

Statement of Qualifications




STATEMENT OF QUALIFICATIONS

I, Les Demczuk of the City of Vancouver, Province of British Columbia hereby certify that:

1. I am a Mining Geologist/Engineer residing at 210 - 1860 Nelson Street, Vancouver, B.C.
2. I graduated from the University of Mining and Metallurgy, Krakow, Poland in 1977 with a Master of Science degree in Geology.
3. I have worked in mineral and coal exploration since 1977 and have practiced my profession since 1977.
4. I am presently employed with Hi-Tec Resource Management Ltd. of Vancouver, B.C.
5. This report is based on work personally conducted during August and September, 1988 and on an examination of publicly and privately held literature.
6. That I have no interest in the property described herein, nor in securities of any company associated with the property, nor do I expect to receive any such interest.
7. I consent to the use of this report in or in connection with, a prospectus, or Statement of Material Facts relating to the raising of funds for this project.

SIGNED:



Les Demczuk, M.Sc., F.G.A.C.

Dated at Vancouver, British Columbia, this 20th day of October, 1988.




STATEMENT OF QUALIFICATIONS

I, GEORGE R. KING, of Suite 5, 736 West 14th Avenue, Vancouver, British Columbia, do hereby certify:

1. That I am a geologist in the employment of Hi-Tec Resource Management Ltd., with offices at Suite 1500 - 609 Granville Street, Vancouver, British Columbia.
2. That I am a graduate from the University of Saskatchewan in Saskatoon (1985) with a Bachelor of Science Degree in Geology.
3. That my primary employment since 1981 has been in the field of mineral exploration.
4. That my experience has encompassed a wide range of geologic environments, and has allowed considerable familiarization with geological mapping, prospecting, geochemical and geophysical techniques.
5. That I have no monetary interest in the property described herein, nor in securities of any company associated with the property, nor do I expect to receive any such interest.
6. That I was active in the 1988 exploration program in the capacity of project geologist.
7. That I hereby grant permission to Brenwest Mining Ltd. for the use of this report in any prospectus or other documentation required for any regulatory authority.

Dated at Vancouver, British Columbia this 27th day of October, 1988.



George R. King, B.Sc.,
Geologist



APPENDIX III

Laboratory Analytical Methods



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.



APPENDIX IV

Geochem Results



COMPANY: HI-TEC RESOURCE MANAGEMENT

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: ISKUT RIVER 88BC018

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

FILE NO: 8-1038/P2C

ATTENTION: P.SORBARA/V.KURAN

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

* TYPE SOIL GEOCHEM *

DATE: AUGUST 4, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
88BDL02	1.1	24	52	14	4	91	38
88BDL04	.2	15	58	15	1	92	61
88BDL06	.9	1	51	17	3	85	21
88BDL0840M	.9	1	46	10	4	77	37
88BDL09	.3	13	60	18	1	86	62
88BDL12	.4	11	71	16	1	92	24
88BMS01	2.3	24	2	30	17	62	3
88BMS0220M	1.6	4	38	10	5	76	38
88BMS03	1.1	29	3	6	6	62	37
88BMS04	1.1	28	37	16	2	69	21
88BMS05	1.7	9	15	13	6	46	10

COMPANY: HI-TEC RESOURCE MANAGEMENT

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: ISKUT RIVER 88BC018

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

FILE NO: 8-1038/P3+4

ATTENTION: P. SORBARA/V. KURAN

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

* TYPE SOIL GEOCHEM * DATE: AUGUST 4, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
88BMS0620M	2.5	40	23	22	6	35	30
88BMS07	.5	20	79	21	1	136	17
88BMS08	2.9	61	26	16	4	70	11
88BMS09	2.4	23	6	25	8	86	7
88BMS10	.6	22	26	21	1	124	4
88BMS11	1.2	25	10	24	3	251	2
88BMS12	2.9	8	4	36	13	52	2
88BMS13	3.1	22	11	21	13	132	1
88BMS14	2.2	1	7	23	7	105	2
88BMS15	3.1	27	6	23	10	115	3
88BMS16	2.8	5	4	23	16	49	4
88BMS17	2.1	13	6	21	9	38	5
88BMS18	2.1	35	4	30	14	43	2
88BMS19	3.1	31	3	30	16	49	8
88BMS20	.8	4	51	19	1	86	15
88BMS2140M	1.5	1	33	11	1	73	8
88BMS2220M	2.8	49	19	16	5	74	5
88BCS25	3.0	38	4	35	13	56	6
88BCS26	1.8	9	6	19	5	83	60
88BCS28	2.1	35	5	22	9	57	5
88BCS29	1.2	23	4	17	1	91	2
88BCS30	3.7	29	6	28	15	102	12
88BCS31	2.2	32	4	17	6	32	5
88BCS32	3.1	41	5	30	20	50	3
88BCS33	2.5	4	4	39	17	58	2
88BCS34	2.0	26	3	20	6	47	7
88BCS35	3.1	48	7	32	12	132	2
88BCS3640M	1.7	12	44	14	1	62	10
88BCS37	4.0	41	5	35	18	67	5
88BCS38	3.7	39	5	29	18	72	10
88BCS39	2.5	6	34	48	6	115	8
88BGL01	2.1	23	32	19	6	69	4
88BGL02	.9	14	26	17	3	99	11
88BKL01	1.2	15	23	17	4	118	23

COMPANY: HI-TEC RESOURCE MANAGEMENT

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: ISKUT RIVER 88BC018

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

FILE NO: 8-1038/P48

ATTENTION: P.SORBARA/V.KURAN

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

* TYPE ROCK GEOCHEM *

DATE: AUGUST 4, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
88BDR01	1.7	1	3	1	1	77	26
88BDR03	3.0	55	14	13	7	44	53
88BDR05	.7	8	22	15	1	39	34
88BDR07	2.2	24	70	6	2	63	51
88BDR10	1.5	21	37	10	3	28	67
88BDR11	1.3	1	57	9	2	68	29
88BDR13	.3	4	32	19	1	58	48
88BGR01	4.0	37	13	15	6	36	109
88BGR02	4.1	49	11	11	9	22	46

PROJECT NO: 88 BC 018

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

FILE NO: 8-1099/P1+

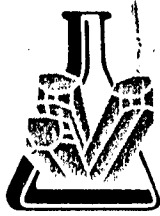
ATTENTION: P.SORBARA/V.KURAN

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

* TYPE ROCK GEOCHEM *

DATE: AUGUST 3, 1980

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
88BCR01	2.7	39	78	12	4	33	13
88BCR02	.3	22	47	18	1	8	1
88BCR03	2.7	20	27	15	2	33	3980
88BCR04	.3	19	309	16	4	42	72
88BCR05	3.0	26	29	13	4	19	58
88BCR06	2.4	4	154	13	1	38	925
88BCR07	3.1	21	3	14	3	26	81
88BCR08	2.0	1	28	12	1	38	48
88BCR09	2.9	11	9	10	1	29	133
88BCR10	.7	1	5	4	1	29	105
88BCR11	.6	4	5	13	1	37	141
88BCR12	2.8	17	4	9	3	24	122
88BCR13	3.4	32	5	12	3	35	78
88BKR02	3.1	37	4	12	7	15	100
88BKR03	3.3	58	91	13	5	12	46
88BKR04	3.5	58	33	14	7	16	2
88BKR05	3.3	58	75	13	6	16	2200
88BKR06	2.3	34	41	8	3	38	123
88BKR07	3.2	61	40	9	6	18	25
88BKR08	3.7	75	22	12	9	15	1
88BKR09	2.8	21	43	10	3	32	24
88BKR10	.3	13	74	6	1	71	9
88BSR01	2.4	24	94	70	4	28	12
88BSR02	82.0	22	468	2405	118	94	14
88BSR03	.3	1	4	27	1	33	38
88BSR04	.9	19	4	22	1	20	42
88BSR05	1.8	10	4	14	3	12	5
88BSR06	3.1	52	6	14	6	7	15
88BSR07	1.9	12	8	10	3	10	3
88BSR08	3.5	63	32	17	7	9	2
88BDR14	5.6	55	100	21	5	57	116
88BDR15	.5	11	42	11	1	115	2
88BDR16	2.9	21	3	18	3	37	17
88BDR17	3.7	41	35	17	5	19	1
88BDR18	2.6	24	24	17	3	37	4
88BDR19	4.3	76	126	19	5	14	11
88BDR20	2.6	27	126	12	2	50	5
88BDR21	4.3	82	26	12	7	17	1
88BDR22	.4	1	79	15	1	34	1
88BDR23	.8	14	20	9	1	50	2
88BDR24	.8	10	110	11	1	90	110
88BDR25	3.5	33	26	43	3	38	132
88BDR26	2.4	1	388	18	1	21	21
88BMR23	1.5	27	77	10	3	84	3
88BMR24	4.2	96	30	12	8	12	6
88BMR25	4.6	92	23	11	8	16	264
88BGR03	.4	4	55	3	1	42	12
88BGR04	3.5	76	18	14	6	17	2
88BGR05	2.7	46	55	14	1	43	1
88BGR06	.9	8	421	11	1	56	38
88BGR07	1.5	13	60	14	1	36	17
88BGR08	.6	11	156	14	1	80	36



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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-962

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

Certificate of GEOCHEM

Company: HI-TEC RESOURCE
Project: 88 BC 01B
Attention: P. SORBARA/V. KURAN

File: 8-1099/P1
Date: AUG. 18/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
88BCR 03			4.48	0.131
88BKR 05			2.25	0.066
88BSR 02	104.6	3.05		
88VMR 05	38.3	1.12		

Certified by

MIN-EN LABORATORIES LTD.

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB	HG-PPB	TL-PPB
88BKR11	.3	15	12	10	2	9	2	35	5
88BKR12	.7	23	29	22	4	16	83	50	10
88BKR13	.5	21	108	19	4	38	4	70	5
88BKR14	.8	16	163	12	2	40	3	20	5
88BKR15	.8	1	7422	14	1	53	35	55	5
88BKR16	.7	15	72	11	2	11	4	55	5
88BKR17	1.1	9	35	36	1	33	5	90	5
88BDR28	.9	21	14	13	3	11	30	60	5
88BDR29	1.0	17	116	47	3	26	4	25	5
88BDR30	.2	1	6	18	1	27	111	165	5
88BDR31	1.3	12	110	29	2	21	17	75	5
88BDR32	.7	23	56	10	3	8	2	55	5
88BDR33	.1	9	54	21	1	47	3	30	5
88BDR34	.3	5	76	13	1	27	1	40	5
88BGR09	1.6	14	37	16	2	29	5		
88BGR10	.8	17	4	12	4	18	2		
88BGR11	.2	20	50	26	2	72	4		

PROJECT NO: 88BC018

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

FILE NO: 8-1368/P1

ATTENTION: P.SORBARA/V.KURAN

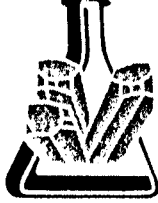
(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM * DATE: SEPT 8, 1988

(PPM)	88BKL30	88BDL40	88BDL41	88BDL42	88BDL43
AG	.8	1.1	1.0	1.4	.7
AS	18	1	25	32	26
CU	27	62	74	28	19
PB	16	16	10	13	22
SB	1	1	2	1	1

ZN	88	94	65	98	111
AU-PPB	1	37	54	13	18

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
88BGR12	.8	54	12	14	9	20	104
88BGR13	.9	48	20	14	10	16	19
88BGR14	.7	41	17	13	10	15	46
88BGR15	3.4	55	291	11	8	17	1010
88BGR16	.9	13	4	10	4	23	128
88BGR17	1.3	7	24	16	1	40	21
88BGR18	1.2	28	8	12	3	57	582
88BGR19	1.1	18	1435	14	1	25	3
88BGR20	.8	5	15	12	1	34	74
88BGR21	.8	25	18	14	4	40	16
88BGR22	.9	1	6	12	1	93	8
88BKR18	.6	46	18	16	10	15	35
88BKR19	.9	18	630	8	1	45	41
88BKR20	1.0	3	996	23	1	45	2
88BKR21	.6	28	382	19	1	31	4
88BKR22	.7	32	26	18	6	27	2
88BKR23	.8	38	80	15	5	27	85
88BKR24	.6	28	17	12	5	26	3
88BKR25	.7	27	19	11	5	26	9
88BKR26	.8	31	12	10	5	19	2
88BKR27	.6	41	113	14	6	34	20
88BKR28	.7	54	29	12	11	23	4
88BKR29	1.4	29	175	10	1	35	1950
88BKR31	.7	30	18	14	5	19	11
88BKR32	.8	28	22	15	5	26	9
88BKR33	.7	38	22	20	8	19	5
88BKR34	.6	49	38	16	11	25	2
88BKR35	.8	29	74	16	5	32	3
88BDR35	4.9	35	817	15	1	33	3450
88BDR36	.6	52	43	20	9	20	224
88BDR37	1.3	23	13	21	5	29	77
88BDR38	1.2	35	73	16	4	27	500
88BDR39	1.1	23	14	13	2	22	2
88BDR44	.8	9	30	11	3	51	1
88BDR1	.4	13	40	12	2	26	3
88BDR2	.6	20	10	10	1	27	1
88BDR3	1.4	9	91	104	2	43	20
88BDR4	1.1	30	12	12	4	23	3
88BDR5	1.1	18	24	15	1	23	7
88BDR6	1.3	22	25	12	2	25	310
88BDR7	1.2	18	9	11	3	24	1600
88BDR8	1.1	21	10	10	4	29	160
88BDR9	1.1	25	9	8	3	24	18
88BMR27	1.0	32	31	14	4	25	140
88BMR28	.8	26	8	13	3	20	2
88BMR29	.8	34	9	14	5	22	6
88BMR30	1.1	29	9	13	3	21	104



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Certificate of ASSAY

Company: HI-TEC RESOURCES
Project: BBBC018
Attention: P. SORBARA/V. KURAN

File: 8-1368/P1
Date: SEPT. 10/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
BBBGR 15	1.00	0.029
BBBKR 29	2.03	0.059
BBBDR 35	3.78	0.110
BBBER 7	1.74	0.051

Certified by

MIN-EN LABORATORIES LTD.

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
888R10	1.4	4	412	8	6	57	7
888R31	.6	7	20	9	3	56	428
888R32	.5	31	19	10	1	57	111
888R23	.5	4	59	11	5	56	123
888R24	.4	1	76	10	5	79	17
888R25	.5	1	36	10	2	56	32
888R26	.9	36	101	15	4	107	43
888R27	1.6	41	1055	74	8	114	19
888R28	1.3	17	43	9	5	57	4700
888R29	.6	3	101	9	8	52	123
888R30	.7	11	12	9	5	70	21
888R36	1.3	36	5	7	1	59	102
888R37	.3	13	16	8	3	47	43
888R38	.6	1	12	11	2	67	81
888R39	.4	1	22	14	5	55	16
888R40	.6	4	12	12	3	52	63
888R41	.5	2	18	8	5	54	86
888R42	.9	41	41	10	1	67	241
888R43	.3	22	24	8	11	43	3
888R44	1.0	27	20	10	4	65	624
888R45	.4	3	13	11	1	66	98



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TELEPHONE: (705) 264-9998

Certificate of ASSAY

Company: HI-TEC RESOURCE MANAGEMENT
Project: 88BC018
Attention: P. SORBARA/V. KURAN

File: 8-1466/P1
Date: SEPT. 19/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
888GR 28	5.03	0.147

Certified by _____

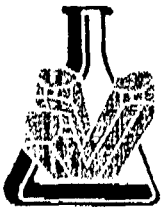
MIN-EN LABORATORIES LTD.

COMPANY: HI-TEC RESOURCES
 PROJECT NO: BUBC018
 ATTENTION: P. BARBARA/V. KURAN

MIN-ZN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1Z2

(ACTIFIRE) PAGE 1 OF 1
 FILE NO: 6-1546/PI
 DATE: SEPTEMBER 20, 1988

VALUES IN PPM	AS	CU	PB	SR	ZN	AU-PPB
B0BKR48	.6	18	10	10	8	46
B0BKR47	.8	22	23	16	15	42
B0BKR48	.7	50	22	12	11	54
B0BKR49	1.8	1	1587	11	1	30
B0BKR50	.7	12	314	23	2	80
B0BKR51	2.7	22	1294	13	1	97
B0BKR52	.8	72	43	10	13	45
B0BKR53	.9	47	36	14	13	37
B0BKR54	.7	25	32	12	7	48
B0BKR55	.8	58	34	7	13	42
B0BKR56	.6	30	23	15	12	42
B0BDR45	19.6	44	21	18	12	41
B0BDR46	1.4	1	672	24	3	57
B0BPR01	1.1	5	44	10	6	73
B0BPR02	1.2	1	64	17	7	46
B0BPR03	1.3	5	72	11	2	53
B0BJR01	.8	1	110	10	2	54
B0BJR02	1.2	13	36	13	12	46
B0BJR03	.9	58	48	11	4	88
B0BJR04	1.6	1	27	10	1	51
B0BJR05	.8	1	11	12	1	50
B0BJR06	.9	34	20	23	11	44



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

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TIMMINS, ONTARIO CANADA P4N 7Q7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: HI-TEC RESOURCES
Project: 88BC018
Attention: P. SORBARA/V. KURAN

File: 8-1546/P1
Date: SEPT. 20/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
88BDR 46	31.20	0.910

Certified by

MIN-EN LABORATORIES LTD.

COMPANY: HI-TEC RESOURCES

MIN-EX LABS ICP REPORT

(ACT:FINE) PAGE 1 OF 1

PROJECT NO: 88BC01B

705 WFGT 15TH ST., NORTH VANCOUVER, B.C. V7P 1T2

FILE NO: 8-15468/P1

ATTENTION: P. SORRARA/V. KURAN

(604) 580-5814 OR (604) 988-4524

* TYPE SOIL GEOCHEM *

DATE: SEPTEMBER 29, 1988

(PPH) 88BJL074

	OM
AG	9
AS	53
CU	77
PS	13
SB	6

ZN	132
AU-PPB	3

PROJECT NO: 88BC018

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

FILE NO: 8-1594R/P1+2

ATTENTION: V. KURAN/P. SORBARA

(604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE: SEPTEMBER 28, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
88BJR09	1.3	17	5	21	3	60	3
88BJR10	1.1	24	26	21	2	53	7
88BJR11	1.4	33	7	27	2	98	21
88BJR12	1.4	26	68	27	1	70	84
88BJR13	1.1	26	58	26	1	106	37
88BJR14	1.5	30	27	26	1	66	41
88BJR15	1.6	27	24	22	2	32	58
88BJR16	1.4	39	6	27	1	80	42
88BJR17	1.3	34	6	23	1	79	31
88BJR18	1.4	21	7	20	6	45	27
88BJR19	.9	26	7	23	2	93	22
88BJR20	1.3	41	6	16	4	34	24
88BJR21	1.0	35	5	15	2	30	83
88BJR22	1.7	24	6	19	1	52	76
88BJR23	1.4	25	6	22	2	45	62
88BJR24	1.6	25	7	25	1	94	43
88BJR25	1.4	37	7	28	1	89	38
88BDR47	1.4	29	6	23	2	67	21
88BDR48	1.2	17	617	24	1	65	19
88BDR49	.9	46	120	23	2	35	41
88BDR50	1.9	26	21	34	1	171	32
88BDR51	1.6	22	6	24	2	51	59
88BDR11	.6	30	6	26	2	140	21
88BDR12	1.4	21	45	21	3	40	83
88BDR13	.8	32	9	17	3	73	37
88BDR14	1.8	37	7	22	2	21	234
88BDR15	1.6	40	12	28	1	105	58
88BDR16	1.6	51	54	30	2	90	39
88BKR57	1.8	29	31	25	3	50	38
88BKR58	1.0	30	10	19	3	56	17
88BKR63	.8	21	6	15	2	52	19
88BKR64	1.0	26	7	24	1	65	11
88BKR65	1.1	45	17	25	1	76	18
88BKR66	1.0	42	13	15	3	43	3
88BKR68	1.0	41	6	14	4	63	4
88BKR69	.8	44	8	15	3	70	2
88BKR70	1.2	61	13	24	2	88	2

COMPANY: HI-TEC RESOURCE MANAGEMENT

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 88BC018

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

FILE NO: 8-1446/P1

ATTENTION: D.A.COLLINS

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

* TYPE ROCK GEOCHEM *

DATE: SEPTEMBER 3, 1988

(PPM) 88RBMS-0

1

AG 169.7
AS 30
CU 5675
PB 13
SB 5

ZN 132



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Certificate of ASSAY

Company: HI-TEC RESOURCE MANAGEMENT
Project: 88BC018
Attention: DENIS A. COLLINS

File: 8-1446/P1
Date: SEPT. 3/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
88 RBMS-01	113.0	3.30

Certified by _____

[Signature]
MIN-EN LABORATORIES LTD.

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
88BKR71	2.0	19	13	29	4	51	12
88BKR72	1.6	45	6	23	3	40	34
88BKR73	2.1	54	52	25	2	27	36
88BKR74	1.9	86	227	40	2	55	18
88BKR75	1.7	1	21	18	3	25	3
88BBR25	2.1	27	41	25	2	61	57
88BBR26	.3	8	5	28	2	61	2
88BBR27	1.4	35	24	17	3	31	6
88BJR28	1.6	25	6	16	4	47	2
88BJR29	4.1	22	7	37	1	66	915
88BDR52	.3	1	112	36	1	102	4
88BDR53	1.0	28	36	16	3	40	2
88BDR54	1.2	46	18	10	4	29	18

COMPANY: HI-TEC RESOURCE MANAGEMENT

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 88BC018

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

FILE NO: 8-15946/P1

ATTENTION: V.KURAN/P.SORBARA

(604) 980-5814 OR (604) 988-4524 * TYPE SOIL GEOCHEM * DATE: SEPTEMBER 28, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
88BKL5920M	.9	13	8	14	3	115	2
88BKL6140M	.6	10	16	16	1	115	2
88BKL6240M	.3	12	26	21	1	101	4
88BKL67	.8	9	83	21	1	256	2
88BKS60	3.5	31	9	24	3	104	2

COMPANY: HI-TEC RESOURCES
PROJECT NO: 88BC018
ATTENTION: P. SDRABRA/V. KURAN
(PPK) 88BLK764

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604) 980-5814 OR (604) 988-4524

(ACT: FIRE) PAGE 1 OF 1
FILE NO: 8-162B/P1
DATE: OCTOBER 5, 1988

OM
AS 1.2
AS 6
CU 32
PB 10
SB 2

ZN 135
AU-PPB 2

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
15301	.2	30	21	10	1	67	39
15302	.2	111	29	9	1	70	60
15303	.2	17	24	10	1	67	12
15304	.4	1	20	18	1	69	2
15305	.4	1	29	11	1	77	30
15306	.2	1	96	10	1	44	38
15307	.2	12	22	11	1	67	2
15308	.4	3	15	13	1	74	2
15309	.2	1	16	45	1	48	3
15310	.2	9	20	8	1	60	6
15311	.4	1	28	17	1	66	12
15312	.4	1	29	9	1	61	7
15313	.4	4	33	8	1	62	24
15314	1.2	23	170	16	2	81	423
15315	.5	1	53	7	3	98	61
15316	.4	33	41	8	1	101	18
15317	.8	38	140	55	1	100	96
15318	.6	1	44	33	1	74	45
15319	.3	18	33	12	2	100	2
15320	.8	9	43	12	3	89	7
15321	.3	11	23	8	2	78	1
15322	.4	4	37	15	5	71	2
15323	.4	8	64	11	1	73	4
15324	.4	7	23	10	1	62	13
15325	.3	9	30	15	3	60	8
15326	.2	1	31	10	2	66	2
15327	.4	10	37	10	3	65	1
15328	.4	1	116	6	1	69	15
15329	.4	1	45	11	1	59	4
15330	.5	10	30	13	2	61	2
15331	.4	3	26	12	1	76	36
15332	.4	8	19	15	3	69	19
15333	.8	1	52	13	2	66	440
15334	.3	9	25	7	3	61	8
15335	.4	8	27	9	1	60	3
15336	.4	4	51	9	2	60	34
15337	.5	8	18	13	4	58	16
15338	.2	13	18	8	3	66	15
15339	.4	7	22	11	3	69	2
15340	.6	32	65	11	4	75	18
15341	.7	30	130	13	1	90	3

PROJECT NO: 88BC018

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

FILE NO: 8-1486/P1+2

ATTENTION:

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

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
15342	1.2	50	88	10	8	105	5
15343	1.4	53	98	10	1	97	4
15344	1.3	55	102	7	7	111	7
15345	.9	13	31	17	1	75	6
15346	.6	23	26	15	1	76	3
15347	.8	1	30	13	1	74	6
15348	.5	10	28	17	1	70	4
15349	.4	20	35	31	5	72	3
15350	.5	4	38	44	7	61	4
15351	.3	10	34	13	4	71	2
15352	.7	14	27	22	1	86	3
15353	.6	7	23	8	1	87	2
15354	.6	9	27	33	7	61	2
15355	.4	17	30	16	1	84	4
15356	.8	2	86	11	1	97	2
15357	.7	7	35	14	3	97	6
15358	.6	1	31	14	2	100	2
15359	.5	15	30	23	1	79	6
15360	.6	1	33	38	6	64	2
15361	.4	13	42	45	2	68	3
15362	.7	22	25	25	2	76	2
15363	.4	6	23	54	6	61	4
15364	.4	16	26	31	2	62	3
15365	.3	16	24	11	1	63	2
15366	.4	10	30	26	1	70	1
15367	.6	17	28	17	2	68	2
15368	.5	18	28	55	4	64	3
15369	.6	20	30	20	3	67	2
15370	.6	15	38	17	5	69	3
15371	.5	17	29	31	4	68	2
15372	.4	14	36	14	1	68	10
15373	.3	1	33	13	1	62	5
15374	.4	18	45	9	3	64	46
15375	.6	7	32	7	1	70	7
15376	.3	21	31	8	1	62	82
15377	.4	18	38	8	1	66	18
15378	1.2	25	232	10	3	76	242
15379	9.0	9	533	13	1	66	9600
15380	2.9	1	227	8	3	103	1620
15381	1.0	8	119	13	1	87	97
15382	.8	12	107	11	4	77	21
15383	1.1	45	101	9	6	81	16
15384	1.0	49	96	8	1	72	10
15385	.9	1	101	8	1	81	15

PROJECT NO: B8BC018

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

FILE NO: 8-1527/P1+2

ATTENTION:

(604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE: SEPTEMBER 14, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
15386	1.1	41	96	11	5	71	3
15387	.8	34	158	12	2	83	2
15388	1.2	36	59	13	8	65	4
15389	1.0	27	95	12	3	91	2
15390	.6	1	89	9	1	78	5
15391	.6	16	102	8	1	71	7
15392	.7	39	82	7	5	80	2
15393	.7	34	104	9	4	78	1
15394	2.3	41	102	11	5	86	10
15395	1.2	27	81	8	10	90	5
15396	1.4	27	111	16	8	112	4
15397	1.3	3	102	7	10	103	16
15398	.9	12	96	15	10	92	8
15399	1.1	9	79	11	6	94	7
15400	1.4	40	76	10	6	80	8
15401	1.0	19	114	11	9	91	4
15402	1.1	20	72	14	1	90	7
15403	1.5	3	92	15	8	110	8
15404	1.2	19	103	8	1	96	1
15405	1.1	23	115	10	2	89	10
15406	.9	15	128	9	1	85	2
15407	1.0	65	107	9	8	88	11
15408	1.2	43	98	13	7	80	3
15409	1.0	19	51	11	4	74	3
15410	.9	38	53	14	3	94	2
15411	.7	38	19	11	6	101	2
15412	.6	1	32	7	4	58	1
15413	.9	7	25	11	1	102	2
15414	.5	2	18	9	1	74	1
15415	.5	1	25	7	1	68	1
15416	.8	11	26	8	1	73	2
15417	.6	1	27	11	1	75	5
15418	.4	20	30	11	2	78	6
15419	.4	7	30	10	2	78	12
15420	.3	21	50	9	1	87	35
15421	.4	18	18	12	7	102	7
15422	.5	22	20	10	2	104	15
15423	.4	13	27	16	2	86	3
15424	.4	12	47	14	4	82	21
15425	.4	11	40	10	1	79	22
15426	.2	31	24	10	2	93	16
15427	.4	9	33	11	4	83	30
15428	.6	30	46	11	3	84	2
15429	.2	6	28	13	7	111	5
15430	.2	24	45	12	1	91	57
15431	.5	10	66	12	6	108	51
15432	.6	27	28	11	1	78	30

PROJECT NO: 88BC018

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

FILE NO: 8-1562/P1+2

ATTENTION: P. SORBARA/V. KURAN

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

* TYPE ROCK GEOCHEM *

DATE: SEPTEMBER 15, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
1701	.2	25	114	20	1	100	4
1702	.8	28	417	16	1	96	3
1703	.8	4	38	20	2	81	2
1704	1.1	14	8	17	1	49	1
15433	.8	9	9	14	2	72	5
15434	.7	5	10	14	3	77	1
15435	.9	14	10	10	3	61	1
15436	.6	1	56	16	1	78	2
15437	.6	31	50	17	1	81	15
15438	1.5	1	253	18	1	103	472
15439	1.0	2	31	15	3	71	4
15440	1.3	9	10	11	3	58	1
15441	1.3	17	10	15	3	56	2
15442	1.1	11	8	14	2	66	2
15443	1.4	13	19	14	1	42	3
15444	1.1	12	10	11	3	47	1
15445	1.2	13	9	13	3	49	2
15446	1.3	21	9	12	3	48	1
15447	1.6	20	8	16	3	46	3
15448	1.6	13	10	15	3	51	1
15449	1.6	16	9	15	1	44	1
15450	1.4	19	9	12	3	48	1
15451	1.4	12	13	16	2	51	2
15452	.9	13	9	14	3	56	1
15453	1.4	19	9	14	3	48	2
15454	1.4	14	9	18	3	56	1
15455	1.2	13	18	13	1	48	1
15456	.8	13	273	32	2	110	37
15457	.2	6	14	12	2	51	5
15458	.9	5	16	16	3	91	1
15459	1.1	33	153	20	2	116	51
15460	1.3	13	18	13	3	57	2
15461	1.7	15	8	15	4	61	1
15462	1.0	1	49	14	3	60	3
15463	.3	33	69	10	2	75	2
15464	1.1	1	105	16	3	55	1
15465	1.1	2	104	17	3	54	1
15466	1.4	11	69	17	1	40	14
15467	1.3	3	88	19	3	59	3
15468	1.3	14	9	16	2	28	2
15469	.5	7	34	17	3	69	4
15470	.8	15	8	13	1	42	2
15471	1.2	24	8	12	2	39	1
15472	.9	14	8	12	1	42	1
15473	.6	17	34	16	3	62	1
15474	1.2	3	8	12	1	42	1
15475	1.3	4	8	14	1	48	1
15476	.8	8	22	11	1	47	3
15477	.5	10	39	19	1	48	1
15478	.9	2	17	15	4	71	1
15479	.4	13	30	15	2	96	1
15480	.6	12	9	12	3	51	2
15481	1.3	22	322	21	4	38	1
15482	.1	20	382	19	1	64	3
15483	1.1	8	30	10	3	46	2
15484	.9	27	176	13	3	55	3
15485	.9	14	8	15	1	37	1
15486	1.2	7	8	10	4	41	1
15487	.4	29	9	11	4	60	2
15488	1.2	16	9	15	1	36	2

PROJECT NO: 88BC018

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

FILE NO: 8-1562/P3

ATTENTION: P.SORBARA/V.KURAN

(604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE:SEPTEMBER 15, 1988

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
15489	1.1	8	6	12	3	33	12
15490	.4	18	202	11	4	86	3
15491	.5	25	1307	18	3	96	2
15492	1.2	17	903	16	4	81	4
15493	1.0	21	222	20	1	62	10
15494	1.4	25	464	15	1	85	2
15495	1.4	23	224	21	1	81	5
15496	1.2	5	34	17	2	58	3
15497	.8	5	9	12	1	44	7
15499	1.0	13	6	15	2	43	6
15500	.5	1	138	21	1	62	5

APPENDIX V

Description of Rock Samples



Brenwest-Joy 1+2 Claims

G.King

- 88BKRO02:O/C-Oxidized fracture filling in andesitic volcanics.
 Contains py.
- 88BKRO03:O/C-3cm quartz vein in andesitic volcanics.
- 88BKRO04:O/C-4cm quartz vein.
- 88BKRO05:O/C-6cm quartz vein with minor py.
- 88BKRO06:O/C-5cm quartz vein in volcanics.
- 88BKRO07:O/C-2cm quartz vein.
- 88BKRO08:O/C-Quartz vein in felsic volcanics.
- 88BKRO09:O/C-Carbonate altered andesitic volcanics.
- 88BKRO10:O/C-Altered andesite with py.and po.
- 88BKRO11:O/C-Carbonate-sericite altered intermediate volcanics.
- 88BKRO12:O/C-Quartz vein material from bleached intermediate
 volcanics,which lie in close proximity to a contact
 with a diorite intrusive.
- 88BKRO13:O/C-Intensely altered intermediate volcanic with py.
- 88BKRO14:O/C-Quartz sweat in andesitic volcanics,close to an
 aplite dyke.Contains minor py.
- 88BKRO15:O/C-Shear zone in andesitic volcanics with py.,cp.and
 mal.
- 88BKRO16:O/C-Pyritiferous,quartz rich material.
- 88BKRO17:O/C-Rusty,siliceous fracture zone in andesitic
 volcanics.
- 88BKRO18:O/C-Siliceous,oxidized,fine to medium grained,altered
 granodiorite.
- 88BKRO19:O/C-Four discontinuous,2-4cm quartz veinlets with
 chlorite and up to 5% py.

Brenwest-Joy_1+2_Claims

G.King(cont.)

88BKRO20:O/C-Vuggy, limonitic and clay altered material with euhedral quartz crystals up to 1.5cm.

88BKRO21:O/C-As Above but with finer grained quartz and more bleached and altered wallrock.

88BKRO22:O/C-Weathered and oxidized altered granodiorite with considerable limonite.

88BKRO23:flt-Quartz vein with chlorite.

88BKRO24:O/C-Rusty altered granodiorite.

88BKRO25:O/C-Granodiorite with intense limonitic alteration and minor quartz veining.

88BKRO26:O/C-Altered granodiorite with trace py.

88BKRO27:O/C-2cm quartz veinlet in andesite.

88BKRO28:O/C-Quartz veinlet in andesite.

88BKRO29:O/C-Quartz and pyrite fracture filling at granodiorite-mafic dyke contact.

88BKRO31:O/C-Shear zone margin in altered granodiorite.

88BKRO32:O/C-1m chip sample across shear zone in granodiorite.

88BKRO33:O/C-Fault gouge in granodiorite.

88BKRO34:O/C-Quartz vein in granodiorite with py.

88BKRO35:O/C-Rusty, siliceous intermediate to mafic volcanic with py.

88BKRO36:O/C-1cm fracture in intensely epidotized and silicified felsic to intermediate volcanic. Contains py.

88BKRO37:O/C-Siliceous, epidote bearing felsic volcanic with 10-15% py.

88BKRO38:O/C-10cm discontinuous shear zone in blue-grey siliceous andesite. Contains py.

88BKRO39:O/C-3cm quartz veinlet with minor py. in volcanics.

International Wildcat-Brenwest Option-Joy 1+2 Claims

G. King(cont.)

- 88BKRO40:O/C-Quartz and epidote altered material with py.
- 88BKRO41:O/C-Silicified granitic vein associated with shear zone.
Contains epidote and py.
- 88BKRO42:O/C-Intensely sheared and oxidized material with semi-massive to massive py.
- 88BKRO43:O/C-Shear zone with quartz and py.
- 88BKRO44:O/C-Semi-massive py. on hanging wall of shear zone in volcanics.
- 88BKRO45:O/C-Quartz vein in plagioclase porphyry with py.
- 88BKRO46:O/C-Altered volcanics with minor quartz vein material and py.
- 88BKRO47:O/C-3cm quartz vein with py.
- 88BKRO48:O/C-Quartz vein in silicified andesite andesite with trace py.
- 88BKRO49:O/C-Epidote pod in intermediate to mafic volcanic. Minor cp. and mal.
- 88BKRO50:O/C-15cm shear zone containing quartz, epidote and minor cp., mal.
- 88BKRO51:O/C-Shear zone with massive epidote, minor quartz, and intense mal. stain.
- 88BKRO52:O/C-4cm quartz vein in dacitic volcanics. Minor py. and epidotization at vein margin.
- 88BKRO53:O/C-Intensely rusty material with minor quartz veining and py.
- 88BKRO54:O/C-Quartz veinlet with minor py.
- 88BKRO55:O/C-Quartz vein in dacitic volcanics with minor py.
- 88BKRO56:O/C-As above but with more py. and taken from immediately adjacent to contact with mafic dyke.
- 88BKRO57:O/C-Intermediate to mafic volcanic with 1cm py. vein and minor associated quartz.

International Wildcat-Brenwest Option-Joy 1+2 Claims

G.King(cont.)

- 88BKR058:O/C-Quartz vein in mafic volcanics with py.
- 88BKR063:O/C-Quartz vein in intermediate to mafic volcanic with 5% py. and minor po.
- 88BKR064:O/C-Quartz vein in siliciclastic volcanics (matrix of intermediate to mafic composition).Contains 50% py.
- 88BKR065:O/C-Mafic siliciclastic volcanic with py. in quartz-epidote stringers.
- 88BKR066:O/C-Quartz sweat in intermediate volcanics.
- 88BKR068:O/C-Intensely silicified, quartz flooded volcanic with minor chlorite.Weathered surface is very bleached.
- 88BKR069:O/C-As above with 3% py.
- 88BKR070:O/C-Very fine grained, siliceous volcanic with minor epidote veining and 5% py.
- 88BKR071:O/C-Quartz-epidote pod with 10% py. in intermediate volcanics.
- 88BKR072:O/C-1cm quartz vein with 30-40% py. in intermediate to mafic volcanics.
- 88BKR073:O/C-Rusty quartz-py. zone in intermediate to mafic volcanic.
- 88BKR074:O/C-Plagioclase porphyritic intermediate volcanic with 5-8% py.
- 88BKR075:O/C-Quartz and py. in rusty weathering zone.

Brenwest-Joy 1+2 Claims

L. Demczuk

88BDR001:O/C-Light grey to green, very fine, slightly siliceous
metavolcanic(tuff) with up to 5% py.

88BDR003:O/C-As above but more siliceous with trace py.

88BDR005:O/C-Light grey metavolcanic with parallel quartz veins
and trace py.

88BDR007:O/C-Rusty on surface, dark grey, very fine, siliceous with
up to 5% py.

88BDR010:O/C-Brown on surface, dark grey, very siliceous
metavolcanic(andesitic tuff) with up to 5% py., po.

88BDR011:O/C-Light grey, very siliceous, volcanic tuff with quartz
veining and up to 10% py.

88BDR013:O/C-Dark grey, very siliceous, more like argillite with
up to 4% py.

88BDR014:O/C-1m wide shear zone, rusty, very altered metavolcanic
with up to 5% py.

88BDR015:O/C-Decomposed rock: black and dark grey, soft-30%
sericite, some clay. Like high temperature alteration
zone.

88BDR016:O/C-Rusty on surface, very siliceous metavolcanic with up
to 5% py. and mag.

88BDR017:O/C-1m wide granite dyke in intermediate metavolcanic.
Dyke contains up to 10% sulphides.

88BDR018:O/C-3m wide felsic intrusive dyke with up to 15% py.

88BDR019:O/C-Brown, vuggy quartz vein.

88BDR020:FLT-As above.

88BDR021:O/C-Yellowish on surface, very siliceous volcanic with
crosscutting quartz vein system.

Brenwest-Joy 1+2 Claims

L. Demczuk (cont.)

88BDR022: O/C-Dark, vuggy, very siliceous volcanic tuff with green and yellowish stain. Some sulphide mineralization.

88BDR023: O/C-1m wide mafic dyke with patches of 30% py.

88BDR024: O/C-Cherty, very siliceous volcanic tuff with 10% py.

88BDR025: O/C-Siliceous volcanic tuff with up to 10% py., po. and mag.

88BDR026: O/C-Very altered, brown weathering volcanic with 30% py.

88BDR028: O/C-Rusty yellowish quartz vein in altered andesitic volcanic. Contains py.

88BDR029: O/C-Vuggy rusty yellowish quartz vein in andesitic tuff with trace sulphides.

88BDR030: O/C-Shear zone in altered volcanic. Rusty with 30% disseminated py.

88BDR031: O/C-Altered and silicified andesite with up to 30% py.

88BDR032: O/C-10cm grey, vuggy quartz vein in andesitic volcanics.

88BDR033: O/C-Shear zone in very altered, decomposed, brownish-white volcanic(?). Contains sericite, clay, py. and trace cp.

88BDR034: O/C-Same shear zone as BDR033 but 150m below. Shear is 3m wide.

88BDR035: O/C-10-20cm shear zone: very silicified and altered quartz fragments and broken cherty metavolcanics. Contains 25-30% py. and po.

88BDR036: O/C-5-10cm rusty quartz vein with trace py.

88BDR037: O/C-Rusty quartz veins cross cutting dark grey quartzite. Contains 5% py.

88BDR038: O/C-5cm yellow-brown-white quartz vein with trace py.

88BDR039: O/C-Very broken, brown, strongly altered shear zone with no visible mineralization.

International Wildcat-Brenwest Option-Joy 1+2 Claims

L. Demczuk (cont.)

- 88BDR044:O/C-Rusty, very silicified andesitic tuff with 10% py.
- 88BDR045:O/C-10cm white-pinkish quartz vein with trace py.
- 88BDR046:O/C-20cm rusty shear zone with quartz fragments and 5-10% py.
- 88BDR047:O/C-Rusty weathering, grey-green, very silicified clastic volcanic with 3-5% py.
- 88BDR048:O/C-Weakly sheared and silicified intermediate volcanic with 10% py. and trace cp. and mal.
- 88BDR049:O/C-White-yellow quartz vein on andesite contact. No visible mineralization.
- 88BDR050:O/C-Strongly silicified tuff with 10% py.
- 88BDR051:O/C-Strongly silicified and propylitic altered metavolcanic with 10% py.
- 88BDR052:O/C-Strongly silicified and rusty metavolcanic with 8-10% py.
- 88BDR053:O/C-10cm quartz vein with rusty patches and trace py.
- 88BDR054:FLT-Milky, massive quartz vein with dark spots and 3% py.

International Wildcat-Brenwest Option-Joy 1+2 Claims

W.Clark

- 88BBR001:O/C-1m chip samples. Buff orange colour, fractured, altered fine grained volcanic with minor py. and specular hematite on fractures.
- 88BBR002:O/C-As Above.
- 88BBR003:O/C-3cm vuggy quartz stringer with coarse specular hematite.
- 88BBR004:O/C-5cm quartz stringer 1m long in fine grained, green volcanic. Strike:92 Dip:62N.
- 88BBR005:O/C-Altered green volcanic with some bleaching, 10% py. Quartz, py., epidote in small veins and fractures.
- 88BBR006:O/C-0.3m chip of shear zone in epidote skarn and hornfels. Sample is a little bleached with 1cm quartz stringers and 5% py. Strike:20 Dip:70E.
- 88BBR007:O/C-1-3cm quartz stringers 2.5m long. Strike:8 Dip:34E.
- 88BBR008:O/C-1-2cm vuggy quartz stringers in grey, bleached very fine grained volcanic.
- 88BBR009:O/C-3cm quartz stringers in epidote zone with 1% py. Goes for 2.5m. Strike:87 Dip:50S.
- 88BBR010:O/C-Altered volcanic with 1cm quartz stringers containing epidote and minor mal.
- 88BBR011:O/C-Fine grained, porphyritic andesite with feldspar phenos and <1% py.
- 88BBR012:O/C-Fine to medium grained felsic dyke. Limonite on fractures.
- 88BBR013:O/C-Buff orange weathering volcanic(?) with small quartz stringers and 1-2% py.
- 88BBR014:O/C-5-6cm quartz-py. vein. Strike:78 Dip:65
- 88BBR015:O/C-Chlorite altered argillite or volcanic. 1-2% py. on fractures and as disseminations.

International Wildcat-Brenwest Option-Joy 1+2 Claims

W.Clark(cont.)

88BBR016:O/C-Black, cherty argillite with 1% py.

88BBR017 to 88BBR024: No Sample.

88BBR025:O/C-1-2cm quartz-garnet-epidote vein in dark grey
massive volcanic. Bleaching around vein and 1-2%
disseminated py.88BBR026:O/C-20cm sheared volcanic dyke in sheared buff
weathering felsic intrusive. Hematite on fractures.
Dyke strikes 110 and dips 90.88BBR027:O/C-1-7cm quartz stringers with minor epidote in dark
grey, very fine grained volcanic. Small shears
cutting veins contain minor py.

International Wildcat-Brenwest Option-Joy 1+2 Claims

J.Dahrouge

88BJR001:FLT-From outcrop 75m upslope:light green-grey, fine to medium grained, sheared, silicified, intermediate volcanic.Contains <8% py. and minor disseminated cp.

88BJR002:O/C-0.5m gossan:rusty weathering, light grey, fine grained intermediate volcanic with quartz, epidote, limonite. Contains <3% disseminated py. and mag.

88BJR003:O/C-1.0m gossan:light grey-green, fine grained, intermediate volcanic with quartz, limonite and <2% disseminated py.

88BLR004:O/C-Rusty weathering, light grey-white, fine grained, sheared and silicified intermediate volcanic. Contains quartz, limonite and <1% disseminated py., mag.

88BJR005:FLT-From outcrop 5m above:rusty weathering,white-light grey,fine grained, highly fractured intermediate volcanic. Contains quartz, limonite and <20% disseminated py.

88BJR006:FLT-Talus float:rusty weathering, light green-white, fine grained dacite.Contains quartz, limonite and <5% py., arsenopy.

88BJR009:FLT-Talus float:dark green, fractured diabase. Epidote -quartz fracture filling.<12% py.with fracture filling and disseminated po.

88BJR010:FLT-Next to outcrop:as above but medium to coarse grained with <6% disseminated po., py.

88BJR011:O/C-Fractured diabase with <3% sulphides associated with quartz veinlets.

88BJR012:FLT-Talus float:brown weathering, light green-grey, fine grained mafic volcanic (basalt?).Contains <8% disseminated py. and minor arsenopy.

88BJR013:O/C-As above with <5% py. in bands and minor disseminated po., arsenopy.(?).

International Wildcat-Brenwest Option-Joy 1+2 Claims

J.Dahrouge (cont.)

88BJR014:O/C-Fractured and sheared mafic volcanic (basalt?) next to probable fault. Cut by numerous 1-2cm quartz-calcite-epidote veinlets.

88BJR015:O/C-Rusty quartz with <6% py., arsenopy. (?).

88BJR016:O/C-Light green-grey, fine grained mafic volcanic (basalt?). Highly silicified and fractured with cherty bands and <3% disseminated py.

88BJR017:O/C-Rusty weathering, fine to medium grained, silicified intermediate volcanic with 3% py.

88BJR018:O/C-Contact between intermediate volcanic and diabase dyke:rusty weathering, light to dark green, fine to medium grained diabase with 6% disseminated py.

88BJR019:O/C-Rusty weathering, silicified, intermediate volcanic with 1% py.

88BJR020:O/C-As above with 4% po.

88BJR021:FLT-As above with 5% py.

88BJR022:O/C-1m shear zone in intermediate volcanics. Silicified and contains 6% py. and arsenopy.

88BJR023:O/C-1m chip sample from above.

88BJR024:O/C-Buff-rusty weathering, fine grained, light grey intermediate volcanic with 10% py. and trace arsenopy.

88BJR025:O/C-Rusty weathering, fractured intermediate volcanic with 3% py. as fracture fillings.

88BJR026:No Sample.

88BJR027:No Sample.

88BJR028:O/C-Dark grey, fine grained, silicified intermediate volcanic. 2% py. associated with 1cm quartz vein and as fracture filling.

International Wildcat-Brenwest Option-Joy 1+2 Claims

P. Sorbara

88BPR001:O/C-Fine grained, green-white-black mottled, silicified sedimentary(?) rock. 3-8% py. and arsenopyrite blebs.

88BPR002:O/C-Fine grained, green, andesitic volcanoclastic. Slightly magnetic with up to 10% disseminated py. and minor po.

88BPR003:O/C-Sub outcrop: Fine grained, grey-green volcanic. Nonmagnetic with up to 10% disseminated py.

Brenwest-Joy 1+2 Claims

A. Smallwood

88BSR001:O/C-Fault zone with felsic dyke and quartz vein filling. Surrounding andesite appears bleached. Dyke contains disseminated py.

88BSR002:O/C-Quartz vein associated with dyke. Up to 3cm wide, very irregular, vuggy. No visible sulphides.

88BSR003:O/C-Shear zone in altered volcanics: 2m wide x 40m exposed strike length. Rusty weathering and contains py., cp. Same location as 87BGR21.

88BSR004:O/C-Same as BSR003 but 8m along strike.

88BSR005:O/C-As above, silicified and rusty.

88BSR006:O/C-As above, sub-crop: vuggy quartz vein material with py.

88BSR007:O/C-Same as BSR006.

88BSR008:O/C-6cm felsic (aplite) dyke in argillite. Contains minor py., hematite.

Brenwest-Joy_1+2_Claims

R.Gibson

- 88BGR001:O/C-Crystalline rose quartz vein with sulphides.
- 88BGR002:O/C-Quartz vein with sulphides.
- 88BGR003:O/C-Argillite with 10-15cm band of mag.
- 88BGR004:FLT-Quartz with py.
- 88BGR005:O/C-Quartz vein with py.
- 88BGR006:O/C-Shear zone with py.
- 88BGR007:O/C-Volcanics with py.,gal. and sph.
- 88BGR008:O/C-Volcanics with cp.
- 88BGR009:O/C-Rusty,altered andesite with sulphides.
- 88BGR010:O/C-Quartz-calcite with hematite and minor py.
- 88BGR011:O/C-As Above.
- 88BGR012:O/C-Shear zone in altered argillite with sulphides.
- 88BGR013:O/C-As Above.
- 88BGR014:O/C-Rusty quartz with py.
- 88BGR015:O/C-10cm quartz veins with cp.
- 88BGR016:O/C-Rusty epidote with py.
- 88BGR017:O/C-Shear zone with py.
- 88BGR018:O/C-Shear in argillite with epidote and py.
- 88BGR019:FLT-Quartz with cp.
- 88BGR020:O/C-Shear zone with semi-massive py.
- 88BGR021:O/C-Rusty alteration zone with py.
- 88BGR022:O/C-Rusty volcanics with cp.

International Wildcat-Brenwest Option-Joy 1+2 Claims

R.Gibson(cont.)

88BGR023:O/C-Conglomerate with epidote and quartz veining
containing minor cp.

88BGR024:O/C-Argillite with py.

88BGR025:O/C-Altered argillite with py.

88BGR026:O/C-Rusty sediment with epidote and quartz veining
containing minor cp.

88BGR027:O/C-1-6cm shear filled with gypsum and minor malachite.
Host rock is volcanic with small bands of skarn and
hornfelsed argillite.(W.Clark).

88BGR028:O/C-1-5cm quartz vein with 4% py. in volcanics. Strike:
110 Dip:76W.(W.Clark).

88BGR029:O/C-1-20cm quartz stringers in argillite and a small
quartz-syenite dyke.Epidote and 4% py.andcp. along
vein margins.(W.Clark).

88BGR030:O/C-Argillite with py. and quartz stringers.

Brenwest-Joy 1+2 Claims

A. Cooper

88BCR001:O/C-Quartz vein 1-5cm wide x 1m.

88BCR002:O/C-Weathered quartz vein 1-10cm wide x 1m.

88BCR003:O/C-Rusty quartz vein 30cm wide x 3m (may extend beneath snow cover).

88BCR004:O/C-Small vein(5cm) in 2m altered zone.

88BCR005:O/C-Small pocket of greenish alteration in shear zone.

88BCR006:O/C-As above.

88BCR007:O/C-Large altered zone following creek drainage. Rock is very fractured and calcareous with rusty veins throughout.

88BCR008:O/C-As above.

88BCR009:O/C-As above.

88BCR010:O/C-As above.

88BCR011:O/C-As above.

88BCR012:O/C-As above.

88BCR013:O/C-As above.

Brenwest-Joy 1+2 Claims

D. Montgomery

88BMRO23:O/C-5cm quartz vein, slightly rusty.

88BMRO24:O/C-4cm quartz vein.

88BMRO25:O/C-4cm quartz vein.

88BMRO26:O/C-No sample.

88BMRO27:FLT-Quartz with terminated crystals and py.

88BMRO28:O/C-Rusty altered intrusive with py. and mag.

88BMRO29:FLT-Large quartz boulder with py.

88BMRO30:O/C-Very rusty, altered intrusive with quartz sweats
containing py.

88BMRO31:O/C-Rusty, altered diorite with py.

88BMRO32:O/C-Porphyritic andesite with 5% py.

APPENDIX VI

Diamond Drill Logs





HI-TEC
RESOURCE MANAGEMENT LTD.

PROJECT 88BC018

DRILL HOLE LOG NO. DHB - 02

SCALE: N/A

Sheet 2 of 3

Graphic log		Depth meters	Description	C/A	Tectonic Structures	% Rec.	Sample no.	Interval		Mineralization & Alteration				ASSAY RESULTS										
Scale	Symbol							from	to	General					Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)			
	7a	23.5	Moderately silicified, weakly oxidized, strongly magnetic, massive andesitic tuff occasionally inter-mixed with porphyritic andesite. <u>30.36-30.98</u> : high pyrite mineralization (disseminated and in veinlets) up to 25% <u>35.8-36.05</u> : fault zone.			82	15421 15422 15423 15424 15425 15426 15427 15428 15429 15430 15431	24.0 26.0 28.0 30.0 30.3 31.0 32.0 34.0 36.0 38.0 40.0	26.0 28.0 30.0 30.3 31.0 32.0 34.0 36.0 38.0 40.0 40.8	5% Py								7 15 3 21 22 16 30 2 5 57 51	0.4 0.5 0.4 0.4 0.4 0.2 0.4 0.6 0.2 0.2 0.5	18 20 27 47 40 24 33 46 28 45 66	12 10 16 14 10 10 11 11 13 12 12	102 104 86 82 79 93 83 84 111 91 108	18 22 13 12 11 31 9 30 6 24 10	7 2 2 4 1 2 4 3 7 1 6
	7c	40.9	Broken up breccia, andesite fragments cemented by silica. Presence of Calc. and Qz. veinlets. Strongly magnetic.			92	15432	40.8	42.0	5%-8% Py								30	0.6	28	11	78	27	1
	7b	42.0	Strongly sheared andesitic tuff with occasional porphyritic andesite. Presence of disseminated Pyr. Moderately silicified, weakly oxidized and strongly magnetic. Calc. veinlets present. <u>45.87-46.40</u> : fault zone			95	15433 15434 15435 15436 15437	42.0 44.0 45.7 46.9 48.0	44.0 45.7 46.9 48.0 49.0	3% Py								5 1 1 2 15	0.8 0.7 0.9 0.6 0.6	9 10 10 56 50	14 14 10 16 17	72 77 61 78 81	9 5 14 1 31	2 3 3 1 1
	7c	49.0	Dark grey, vuggy, highly propylitic altered breccia with fine grained silicified and metasediments fragments. Strongly magnetic. 20% of Py, Pyr and Mag. mineralization. Presence of Qz veinlets.			97	15438 15439 15440 15441 15442	49.0 50.0 51.0 52.0 53.0	50.0 51.0 52.0 53.0 54.0	20% Py+Pyr +Mag								472 4 1 2 2	1.5 1.0 1.3 1.3 1.1	253 31 10 10 8	18 15 11 15 14	103 71 58 56 66	1 2 9 17 11	1 3 3 3 2
	7	54.0	Porphyritic clastic volcanics with Ep. veinlets (2-			78	15443 15444	54.0 56.0	56.0 58.0	5%-10% Py								3 1	1.4 1.1	19 10	14 11	42 47	13 12	1 3



HI-TEC
RESOURCE MANAGEMENT LTD.

PROJECT 88BC018

DRILL HOLE LOG NO. DHB - 03

SCALE: N/A

Sheet 2 of 3

Graphic log		Depth meters	Description	C/A	Tectonic Structures	% Rec.	Sample no.	Interval		Mineralization & Alteration					ASSAY RESULTS									
Scale	Symbol							from	to	General						Au(ppb)	Ag(ppm)	Cu(ppm)	Pb(ppm)	Zn(ppm)	As (ppm)	Sb (ppm)		
			with andesitic tuff and clastic volcanics fragments cemented by silica. Strongly magnetic				15362	32.0	34.0									2	0.7	25	25	76	22	2
	7a	33.2	Massive, moderately silicified and weakly calcareous andesitic tuff. Numerous fractures @ 40°-50° to C.A. Moderately magnetic. Fractures usually Calc. coated. Some phyllite present.			74	15363	34.0	36.0	3% Py								4	0.4	23	54	61	6	6
							15364	36.0	38.0									3	0.4	26	31	62	16	2
							15365	38.0	40.0									2	0.3	24	11	63	16	1
							15366	40.0	42.0									1	0.4	30	26	70	10	1
							15367	42.0	43.0									2	0.6	28	17	68	17	2
							15368	43.0	43.5									3	0.5	28	55	64	18	4
	Q	43.2	Fractured Qz vein, moderately magnetic.			89	15369	43.5	44.0	5% Py								2	0.6	30	20	67	20	3
	7	43.8	Light grey-green, highly silicified and fractured clastic volcanic (silica cemented fragments). Strongly magnetic.			87	15370	44.0	46.0	3% Py								3	0.6	38	17	69	15	5
							15371	46.0	48.0									2	0.5	29	31	68	17	4
							15372	48.0	50.0									10	0.4	36	14	68	14	1
							15373	50.0	52.0									5	0.3	33	13	62	1	1
							15374	52.0	54.0									46	0.4	45	9	64	18	3
							15375	54.0	56.0									7	0.6	32	7	70	7	1
							15376	56.0	58.0									82	0.3	31	8	62	21	1
							15377	58.0	58.2									18	0.4	38	8	66	18	1
	7c	58.2	Sheared zone, highly altered and oxidized 58.83-59.23: Shattered Qz fragments			81	15378	58.2	58.8	5% Py								242	1.2	232	10	76	25	3
							15379	58.8	59.0									.33	11.3	533	13	66	9	1
							15380	59.0	59.4									oz/t	g/t					
																		.053	1.81	227	8	103	1	3
																		oz/t	g/t					
	7b	59.7	Light grey-green, poorly sorted, massive andesitic clastic volcanic tuff with occasional bands of Ep and very fine grained garnets. Strongly magnetic.			89	15381	59.4	60.0	3% Py								97	1.0	119	13	87	8	1
							15382	60.0	62.0									21	0.8	107	11	77	12	4
							15383	62.0	64.0									16	1.1	101	9	81	45	6
							15384	64.0	66.0									10	1.0	96	8	72	49	1
							15385	66.0	68.0									15	0.9	101	8	81	1	1
							15386	68.0	70.0									3	1.1	96	11	71	41	5
							15387	70.0	70.5									2	0.8	158	12	83	34	2

APPENDIX VII

Statement of Costs



STATEMENT OF COST

Project 88BC018

Joy 1 and 2 Property

Work Period: June 1, 1988 TO Sept 26, 1988

Salaries

(July 11, 1988 to Sept. 15, 1988)

A. Smallwood, Camp Manager		
14 days @ \$325/day	\$4,550.00	
L. Demzcuk, Sr. Geologist		
9 days @ \$350/day	3,150.00	
G. King, Project Geologist		
16 days @ \$300/day	4,800.00	
R. Gibson, Prospector		
9 days @ \$225/day	2,025.00	
A. Cooper, Technician		
7 days @ \$250/day	1,750.00	
D. Montgomery, Technician		
9 days @ \$225/day	2,025.00	
J. Dahrouge, Jr. Geologist		
6 days @ \$250/day	1,500.00	
W. Clarke, Geologists		
6 days @ \$275/day	1,650.00	
J. Shields, Cook		
14 days @ \$200/day	<u>2,800.00</u>	\$ 24,250.00
Supervision		5,384.00
Mobilization/Demobilization		12,003.00
Air Support		
Fixed Wing		1,550.00
Helicopter		10,306.00
Domicile (90 man days @ \$25/man/day and supervision domicile)		2,254.00
Camp Rental (90 man days @ \$35/man/day and supervision camp rental)		3,156.00
Computer Rental 14 days @ \$29.50/day		<u>413.00</u>
		\$ 60,506.00

.../2



Carry forward from page 1			\$ 60,506.00
Field Equipment			891.00
Field Supplies			3,350.00
Communications			1,504.00
Expediting			603.00
Project Preparation			1,751.00
Contingency (Weather days)			1,052.00
Geochemistry:			
Rock geochem 6 elem.Tr.Icp	216 @ \$5	\$ 1,080	
Rock goechem Au fire	216 @ \$7.25	2,980	
Rock goechem Hg	14 @ 4.00	56	
Rock geochem Tl	14 @ 5.00	70	
Assay Sample prep.	169 @ 3.75	634	
Soil geochem 6 elem.Tr.Icp	57 @5.00	285	
Soil geochem Au fire	57 @ \$ 7.25	413	
Soil sample prep.	57 @ \$ 1.00	57	
Rock sample prep.	47 @ \$ 3.00	141	
Assay Au	7 @ \$ 8.50	60	
Miscellaneous Lab Charges		<u>278</u>	6,054.00
Report Compilation			<u>5,000.00</u>
	TOTAL COSTS		<u>\$ 80,711.00</u>



STATEMENT OF COSTS

Project 88BC018b

Joy 1 and 2 Property

Work Period: June 1, 1988 to Sept. 22, 1988

Salaries

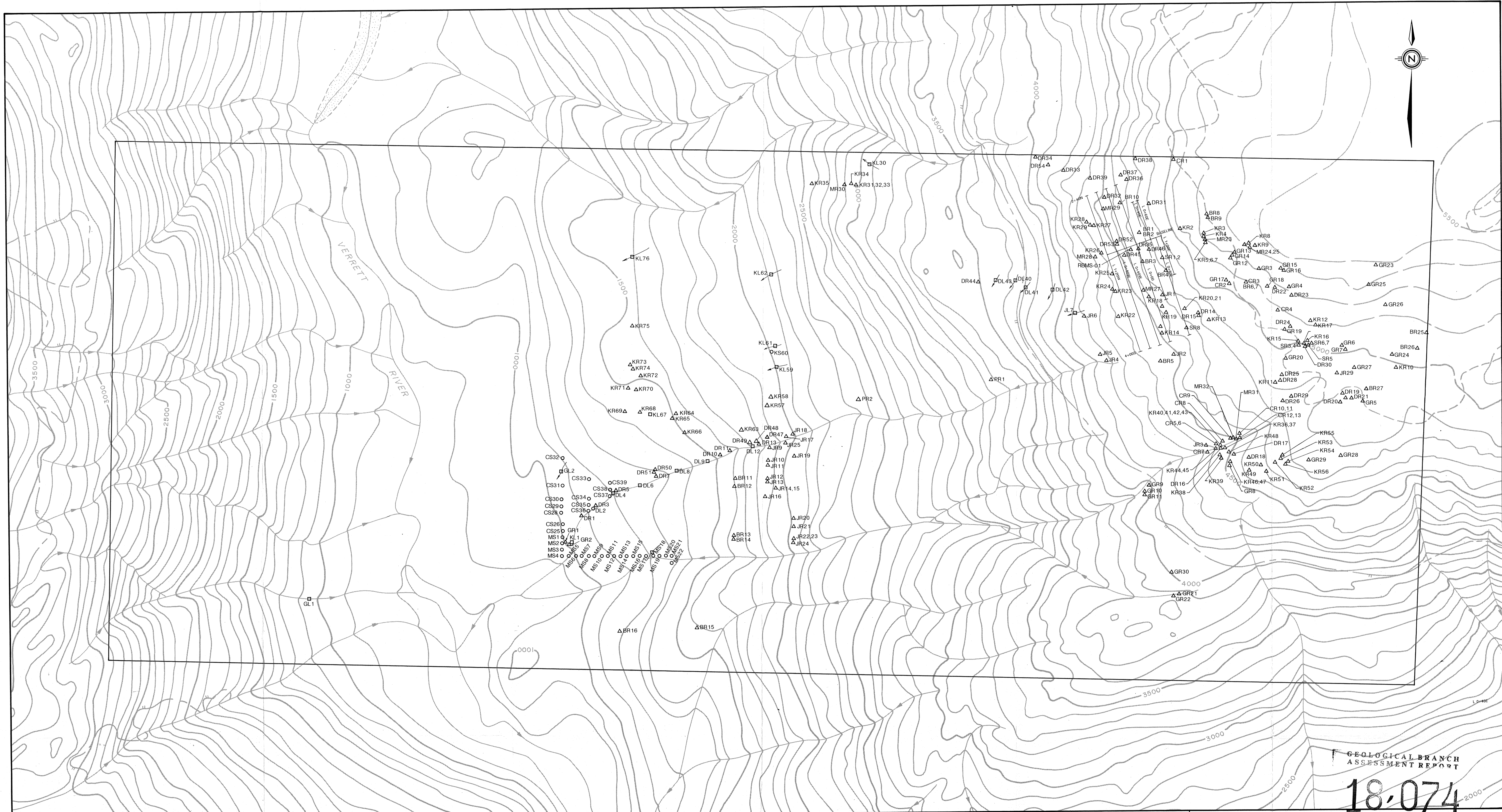
(July 11 TO Sept 15, 1988)

A. Smallwood, Camp Manager		
7.5 days @ \$325/day	\$2,438.00	
L. Demzcuk, Sr. Geologist		
17 days @ \$350/day	5,950.00	
W. Clarke, first aid attendant, drill site preparation		
15 days @ \$275/day	4,125.00	
J. Shields, Cook		
7.5 days @ \$200/day	<u>1,500.00</u>	\$ 14,013.00
Drilling Costs, (993 feet drilled):		
D.W. Coates Ent. Ltd.		37,852.00
Supervision		4,464.00
Mobilization/Demobilization		
Air Support		
Fixed Wing		1,860.00
Helicopter		21,444.00
Domicile - Hi-Tec Crew		
(47 man days @ \$25/man/day and supervision domicile)		1,225.00
Camp Rental - Hi-Tec Crew		
(47 man days @ \$35/man/day and supervision camp rental)		1,715.00
Domicile and Camp - Drill Crew (Pamicon Camp)		
72 man days @ \$125/day (Re:D.W.Coates Time sheet)		9,000.00
Computer Rental 7.5 days @ \$29.50/day		221.00
Field Equipment Rental		
Core Shack 17 days @ \$25/day	\$425.00	
Core Splitter 17 days @ \$25/day	<u>425.00</u>	850.00
Field Supplies		1,742.00
Communications		1,202.00
Expediting		603.00
Geochem:		
Rock geochem 6 elem. Tr. Icp 203 @ \$5	\$1,015	
Rock geochem Au Fire 203 @ \$7.25	1,472	
Assay sample Prep. 71 @ \$3.75	266	
Rock sample prep. 132 @ \$3.00	396	
Assay Au 1 @ \$8.50	9	
Rush charges on samples 86 @\$16.00	<u>1,376</u>	4,534.00
Contingency (Weather days)		514.00
Report Compilation as budgeted		<u>2,000.00</u>

TOTAL COSTS

\$ 103,239.00





GEOLOGICAL BRANCH
ASSESSMENT REPORT

18-074

GEOCHEMICAL DATA TABLE

SAMPLE NO.	Ag(ppm)	As(ppm)	Cu(ppm)	Pb(ppm)	Sn(ppm)	Zn(ppm)	Au(ppb)	SAMPLE NO.	Ag(ppm)	As(ppm)	Cu(ppm)	Pb(ppm)	Sn(ppm)	Zn(ppm)	Au(ppb)	Hg(ppb)	Tb(ppb)	SAMPLE NO.	Ag(ppm)	As(ppm)	Cu(ppm)	Pb(ppm)	Sn(ppm)	Zn(ppm)	Au(ppb)	Hg(ppb)	Tb(ppb)	SAMPLE NO.	Ag(ppm)	As(ppm)	Cu(ppm)	Pb(ppm)	Sn(ppm)	Zn(ppm)	Au(ppb)	Hg(ppb)	Tb(ppb)					
BBB001	4.4	13	40	12	2	26	3	BBB042	1.1	24	52	14	4	91	31			BBB083	0.7	32	26	18	6	27	2	BBB124	1.1	1.9	86	15	5	27	85	BBB165	1.7	1.7	1.1	21	18	3	25	3

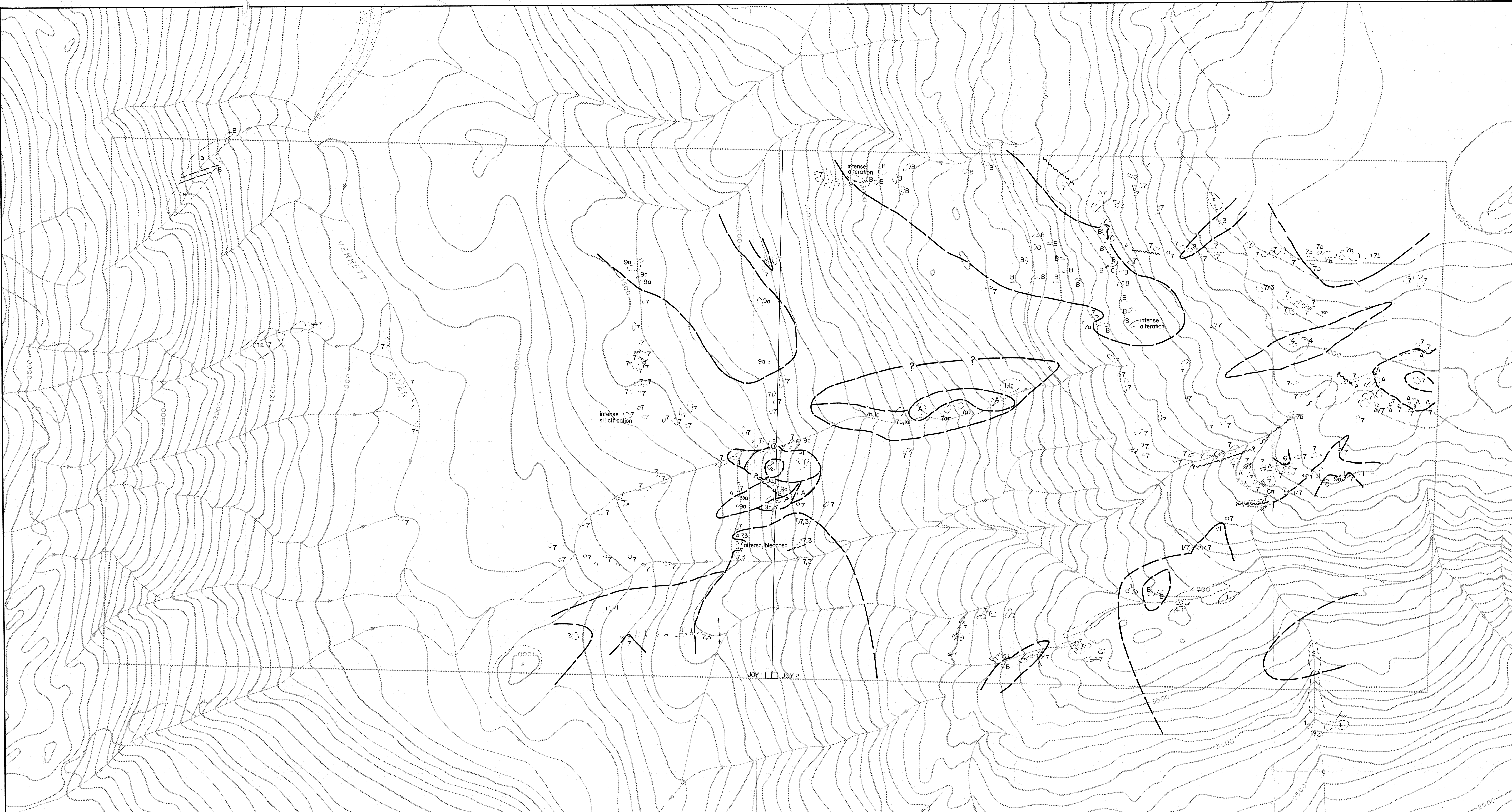
LEGEND
 ○ BS01 Rock sample
 △ BS01 Soil sample
 □ BL01 Silt sample
 All samples with prefix BBB

INTERNATIONAL WILDCAT RESOURCES LTD

BRENWEST MINING LTD

**JOY 1 & 2 CLAIMS
GEOCHEMISTRY
and SAMPLE LOCATION MAP**

SCALE: 1 : 5000 N.T.S.: 104B/10,11
 DWN. BY: H.V. DATE: Sept/1988
 CWD. BY: G. King PROJECT NO: 88BC 018
 FIGURE NO: 5 FILE NO:

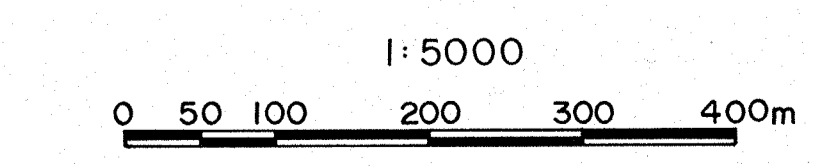
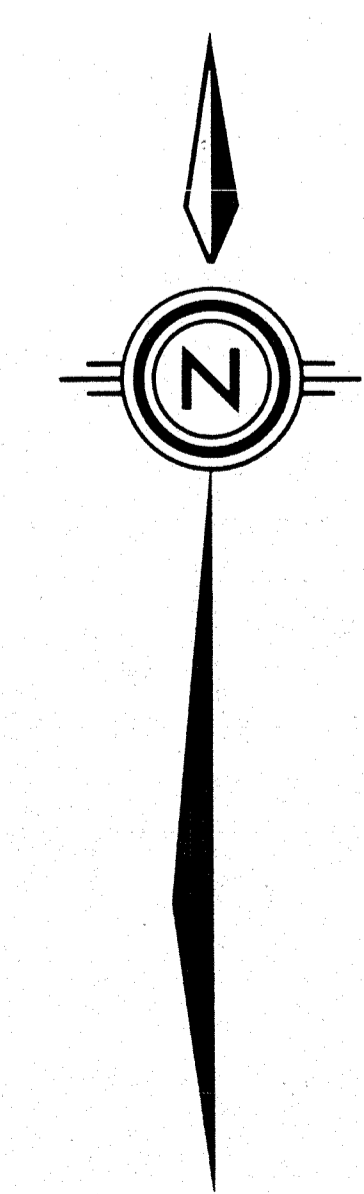


LEGEND

- 1 argillite
- 1a meta-argillite
- 2 limestone
- 3 chert
- 4 quartzite, arkose
- 5 phyllitic schist
- 6 felsic volcanics - rhyolite, dacite, etc
- 7 intermediate volcanics
- 7a meta-andesite, meta-dacite
- 7b andesite volcanoclastics and agglomerates
- 9 olvine basalt
- 9a mafic volcanics

- A felsic intrusives: granite, monzonite, syenite
- A1 pegmatite
- A2 porphyry
- B intermediate intrusives
- C mafic intrusives, dykes, sills
- π porphyritic

- outcrop
- bedding
- foliation
- shear zone
- fault
- contact: observed, assumed
- ⊙ helicopter pad



GEOLOGICAL BRANCH
ASSESSMENT REPORT

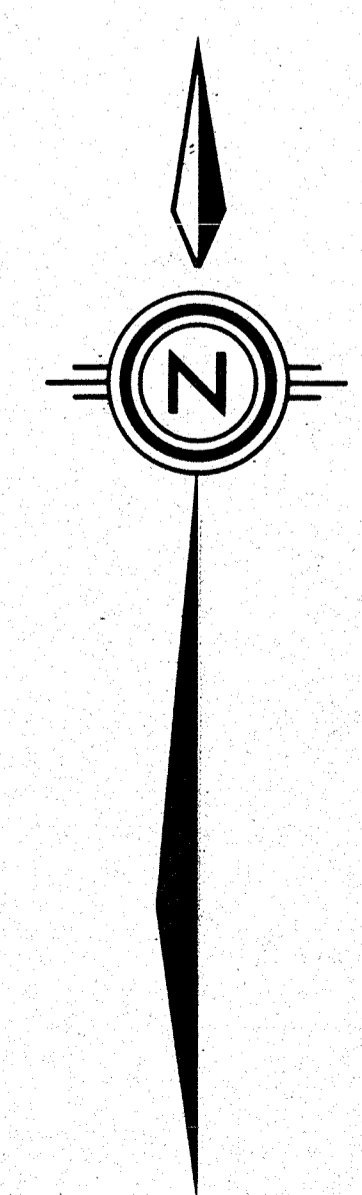
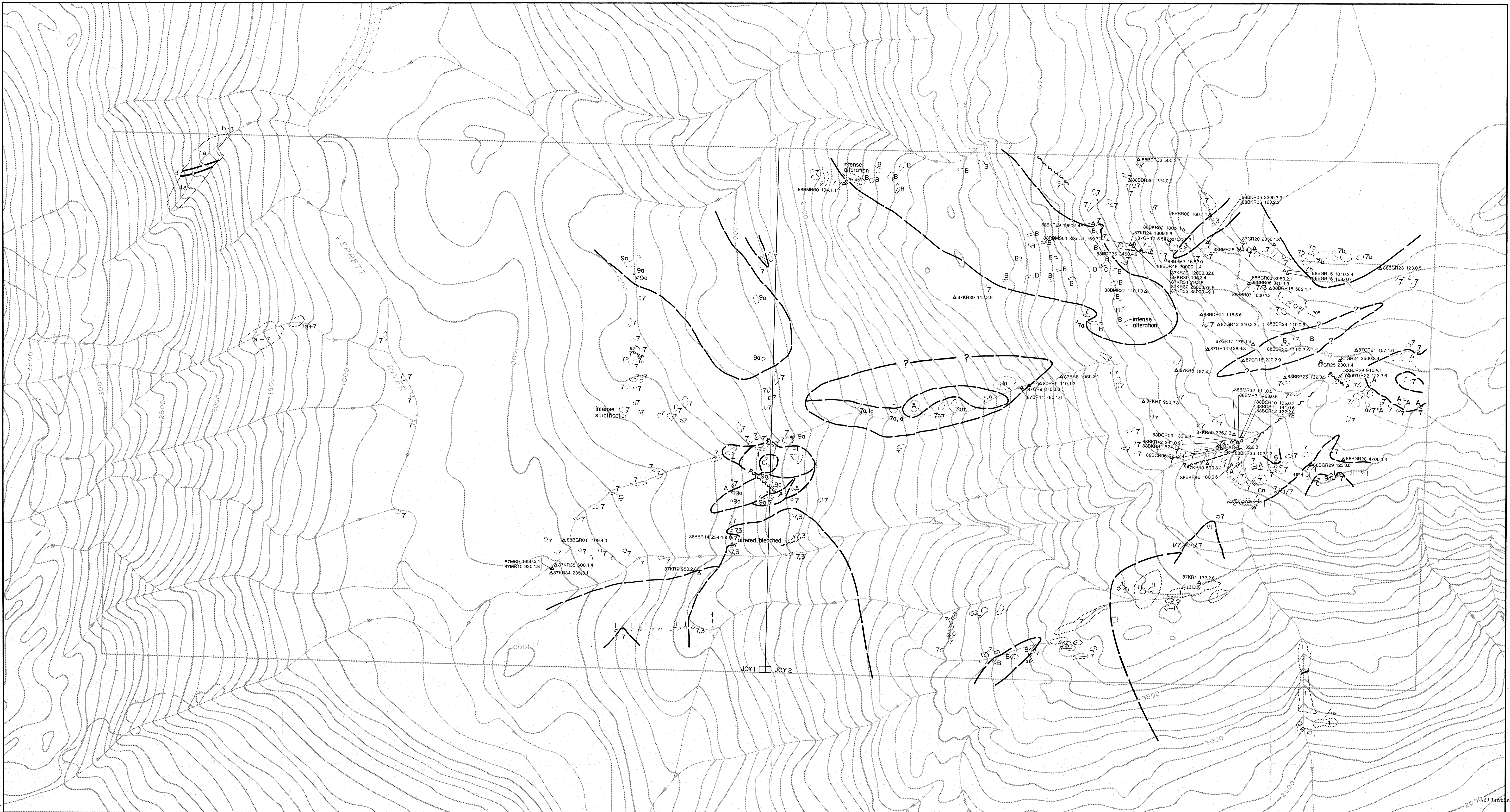
18-074

INTERNATIONAL WILDCAT RESOURCES LTD

BRENWEST MINING LTD

JOY 1 & 2 CLAIMS
GEOLOGY MAP

	SCALE: 1:5000	N.T.S.: 1045/10,11	FIGURE No: 4
	DWN. BY: V.F	DATE: Sept/88	
	CHKD. BY: L.Demczuk	PROJECT No: 88BC 018	FILE No:

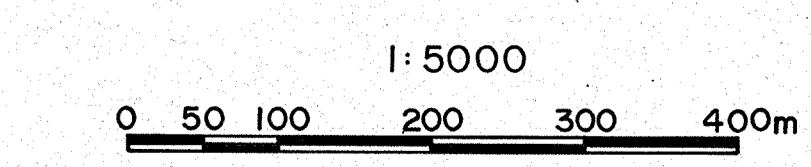


LEGEND

- | | | |
|---|---|--|
| <ul style="list-style-type: none"> 1 argillite 1a meta-argillite 2 limestone 3 chert 4 quartzite, arkose 5 phyllitic schist 6 felsic volcanics-rhyolite, dacite, etc 7 intermediate volcanics 7a meta-andesite, meta-dacite 7b andesite volcanoclastics and agglomerates 9 olvine basalt 9a mafic volcanics | <ul style="list-style-type: none"> A felsic intrusives: granite, monzonite, syenite A₁ pegmatite A₂ porphyry B intermediate intrusives C mafic intrusives, dykes, sills π porphyritic | <ul style="list-style-type: none"> ○ outcrop — bedding — foliation — shear zone — fault — contact: observed, assumed ⊙ helicopter pad |
|---|---|--|

1987 SAMPLE NO.
87KR35
88BDR7 1600.12

1988 SAMPLE NO. Au(ppb), Ag(ppm)
88BDR14 1165.6



GEOLOGICAL BRANCH
ASSESSMENT REPORT

18-074

INTERNATIONAL WILDCAT RESOURCES LTD

BRENWEST MINING LTD.

JOY 1 & 2 CLAIMS
COMPILATION MAP

GEOLOGY and ANOMALOUS GOLD & SILVER GEOCHEMISTRY

	SCALE: 1: 5000	N.T.S.: 1045/10.11	FIGURE No: 6
	DWN. BY: VE	DATE: Sep1/88	
	CHKD. BY: L.Demczuk	PROJECT No: 88BC 018	FILE No: