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REPORT ON THE
 REVERSE CIRCULATION DRILLING
 OF THE PIEBITER ZONE
 STANDARD CREEK PROPERTY
 LILLOOET MINING DIVISION,
 BRITISH COLUMBIA

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FOR
 ARMENO RESOURCES INC. and
 TRANS ATLANTIC RESOURCES INC.
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March 1990

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

19,828



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SUMMARY

Pursuant to a request by the Directors of Armeno Resources Inc. and Trans Atlantic Resources Inc., a program of Induced Polarization geophysical surveying with follow-up reverse circulation drilling was conducted on the Piebiter Creek portion of the Standard Creek property during the period of December 1989 to February 1990.

The Standard Creek property comprises 171 claims, reverted crown granted mineral claims and claim units that are held by Armeno Resources Inc. and Trans Atlantic Resources Inc. The claims lie within the Lillooet Mining Division.

The Gold bridge-Bralorne area of B.C. has, up until 1971, been the most productive gold camp in the Canadian Cordillera. Work on the Standard Creek property dates back to the early 1930's. Clothier (1933) reports that the standard adit contained a 21 meter wide zone averaging 4.3 gm/tonne gold. The Standard showing reported trench and adit values as high as 8 oz/ton Au.

During the period 1985-1988 extensive amounts of exploration work were conducted on various portions of the property. Hudson Bay Exploration and Development Co. Ltd. completed geological mapping and geochemical sampling on the Butte-X-Cal prospect (Lancaster, 1985). Armeno Resources Inc. and Trans Atlantic Resources Inc. identified seven zones of interest by means of geological, geochemical, geophysical and diamond drilling programs (Allen et al., 1986; Carpenter & Haynes, 1987).



The Bridge River district lies at the western margin of the Intermontane Belt. The claim group is generally underlain by rocks of the Fergusson Group, the Pioneer and Noel Formations of the Cadwallader Group, Bralorne Diorite, President ultramafics and Coast Granitic rocks.

Nine diamond drill holes were drilled on the Upper Piebiter zone during 1986. These holes outlined a mineralized zone 15 to 35 meters (uncorrected) wide averaging 0.015 to 0.02 oz/t gold. Allen et al. (1986) also report that drill hole 86-6 was collared ..

"600 meters to the southwest of this area along its potential extension along strike. An 18 meter intersection grading 0.01 oz/t gold was obtained"

Additional exploration work identified two primary areas of interest, the Piebiter and Chopper zones.

Overall on the property 6368.1 meters of core were drilled; 139 meters of underground exploration on the Standard Adit were completed; 642 soil and 3837 rock and split core samples were collected from which 3251 core and 372 rock samples were geochemically analyzed. The results of the 1987 diamond drilling on the Piebiter grid zone contained intersections of up to 9 meters of 0.065 oz.Au/ton, including 1 meter of 0.154 oz.Au/ton (Hole P87-02).

During the 1989-1990 exploration program a total of 1286.50 meters (4221 feet) were drilled, using reverse circulation techniques, on the subject mineral claims. The recovered chip samples comprised a sequence of quartz-biotite-schists, biotite schist, metaquartzites, dark grey/black ultramafics, and green either talcose or siliceous serpentinites.



Anomalous gold values of up to 0.073 oz/t (sample 9-30A) were predominantly associated with quartz-biotite-schists. The best results were obtained from holes PRC-90-8 and 9. In hole PRC-90-8 a 14 meter wide zone (uncorrected width) with an average value of 0.017 opt Au was intersected at a depth of 40 meters. Reverse circulation hole PRC-90-9 intersected quartz-biotite-schist at 12.19 meters. The average value of the 7.62 meter (uncorrected) interval from 38.10 to 45.72 meters and the 12.19 meter (uncorrected) interval from 86.86 to 100.58 meters is 0.011 opt Au including two 1.52 meter samples which yielded values of 0.022 and 0.020 opt Au respectively. The best values were recorded from a depth of 103.63 to 126.49 meters. This 22.86 meter (uncorrected) interval has an average grade of 0.018 opt Au. This contains a 10.67 meter zone which averages 0.027 opt Au.

The 1990 reverse circulation drilling program has confirmed that low grade gold mineralization exists over a 600 meter strike length in the Piebiter Creek area and is still open along strike and down dip. The vast amount of data relating to this property should be collated and interpreted prior to additional infill drilling being conducted on the ground.



1.0 INTRODUCTION

Pursuant to a request by the Directors of Armeno Resources Inc. and Trans Atlantic Resources Inc., a program of Induced Polarization geophysical surveying with follow-up reverse circulation drilling was conducted on the Standard Creek property during the period of December 1989 to February 1990. This work was conducted in the vicinity of Piebiter Creek on a westward extension of the Piebiter grid, where 1987 diamond drilling had intercepted up to 9 meters of 0.065 oz.Au/ton, including 1 meter of 0.154 oz.Au/ton (Hole P87-02).

1.1 Location and Access

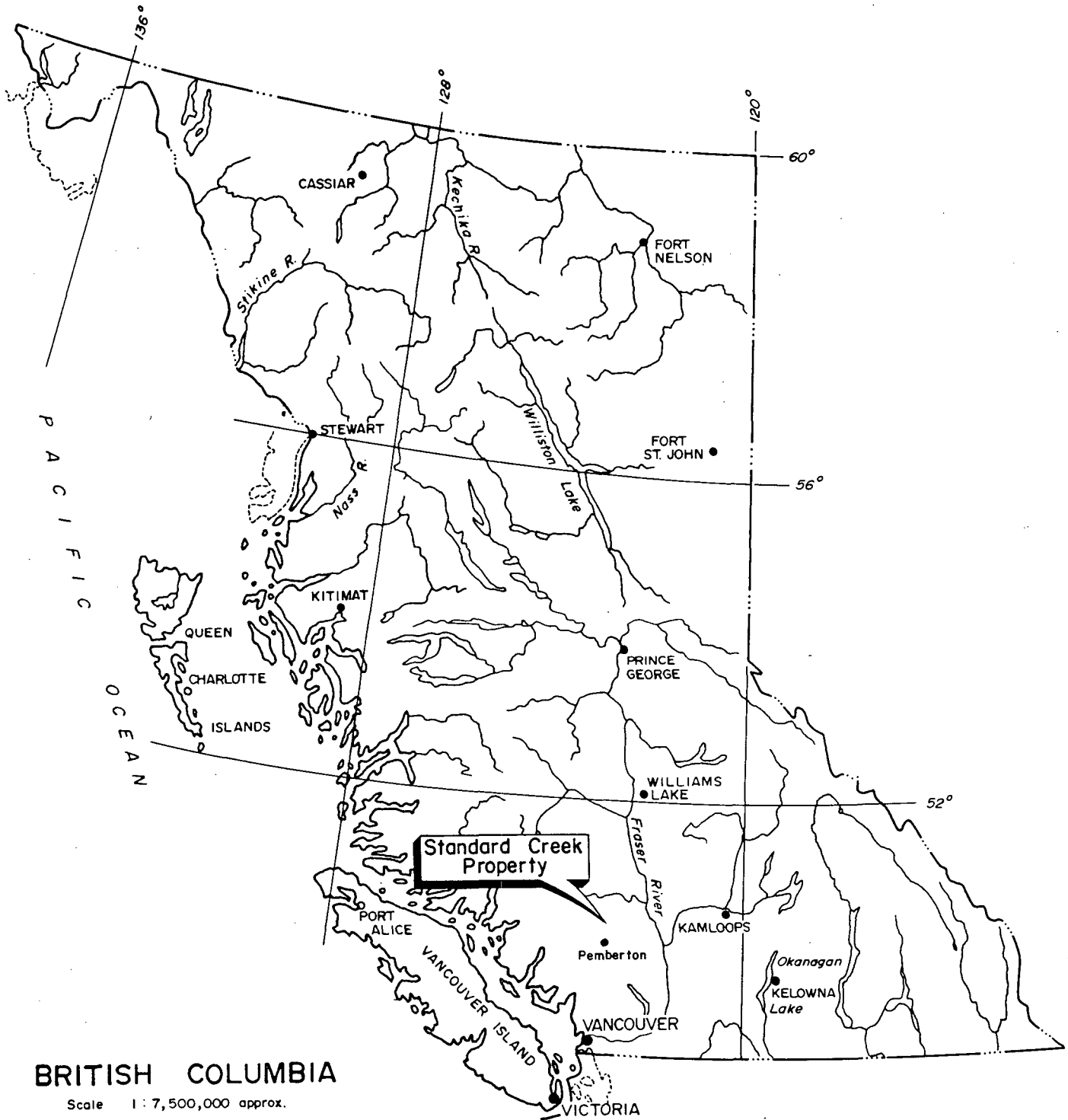
The Standard Creek property is situated approximately 13 kilometers southeast of Bralorne, B.C. (Figure 1), and is found on NTS map sheet 92J/10, centered on latitude $50^{\circ} 42'$ North and longitude $122^{\circ} 37'$ West.


The claim group is accessed via a four wheel drive logging road which runs along the north side of Cadwallader Creek. This recently constructed road branches off approximately 5.5 kilometers southeast of Gold Bridge along the main Gold Bridge-Bralorne road. A spur dirt track at the 19 kilometer mark of the logging road allows access to the Piebiter Creek portion of the property. During the 1989-1990 exploration program this road was cleared of snow on a regular basis.

1.2 Physiography

The property is situated in mountainous terrain. The Piebiter Grid portions of the property lies on the





ARMENO RESOURCES INC. / TRANS ATLANTIC RESOURCES INC.			
STANDARD CREEK PROPERTY Lillooet M.D., B.C.			
General Location Map			
 RI-TEC RESOURCE MANAGEMENT LTD.	SCALE: as shown	N.T.S.: 92 J/10	FIGURE No: 1
	DWN. BY:	DATE: Feb. 1990	
	CHKD. BY:	PROJECT No: 89 BC 39	FILE No:

steep flanks of the Piebiter Creek valley. Elevations in this area range from 1310 meters to 2350 meters at Royal Peak mountain. The valley floor is generally snow free for about 8 months of the year. Throughout the area vegetation varies from sparse to thick coniferous and alder growth.

Overburden thickness is variable throughout the property. Portions of the Piebiter area are covered by a talus slope and a number of slide areas are evident in the area. Numerous avalanches occurred on the south facing slopes adjacent to Piebiter Creek during the current exploration program. Two of these cut-off the access road to the drilling area and had to be cleared by the on-site Cat.

1.3 Property and Ownership

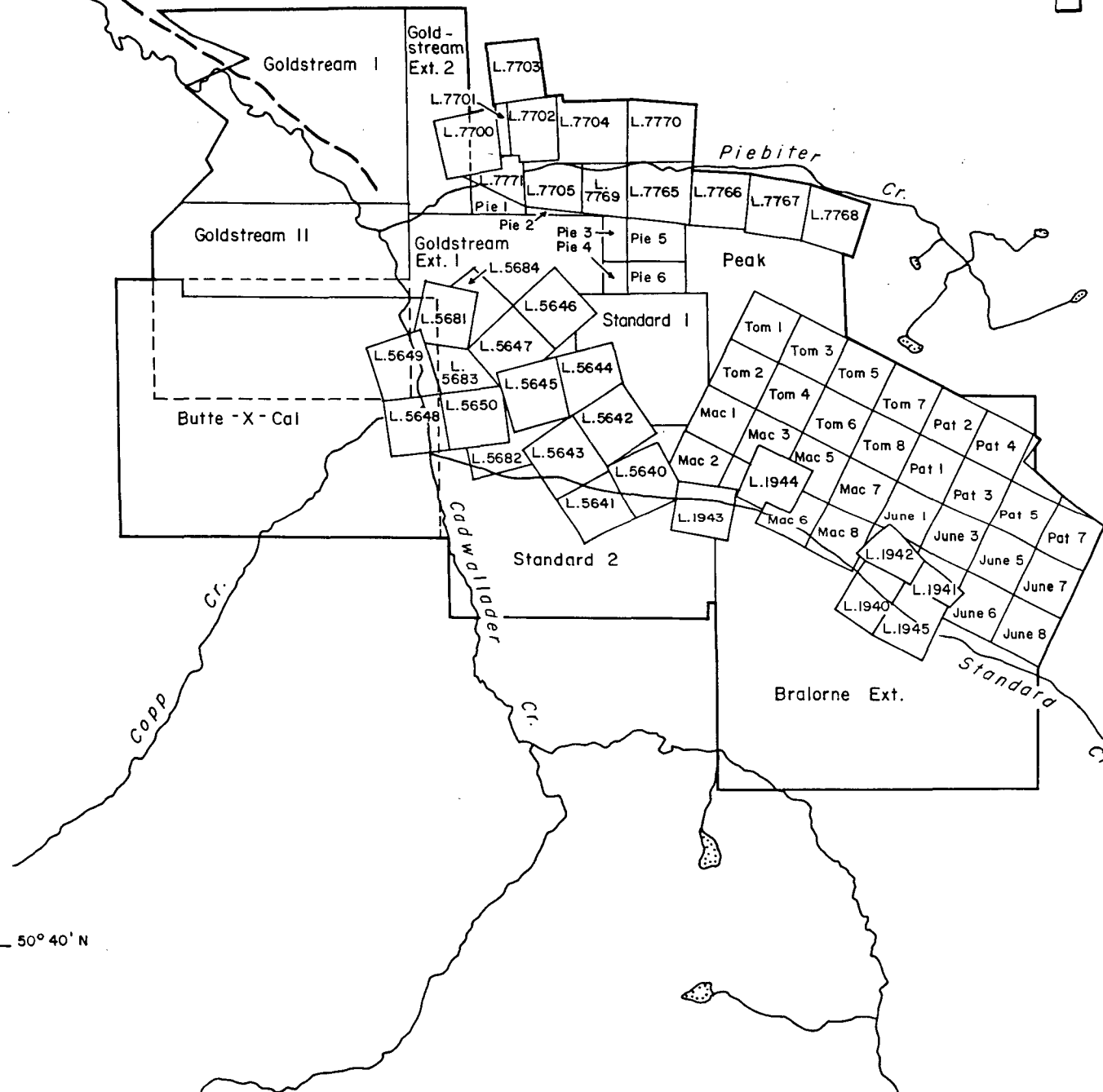
The Standard Creek property comprises 171 claims, reverted crown granted mineral claims and claim units that are held by Armeno Resources Inc. and Trans Atlantic Resources Inc. (Figure 2). The claims lie within the Lillooet Mining Division.

The property is recorded at the British Columbia Ministry of Energy, Mines and Petroleum Resources as follows:

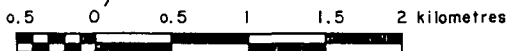
Claim Status-Pat Group

<u>Claim Name</u>	<u>Record No.</u>	<u>Type</u>	<u>No. of Units</u>	<u>Expiry Date</u>
Lion 1	2463	RCG		June 13, 2000
Lion 7	2464	RCG		June 13, 2000
Bulldog 7	2465	RCG		June 13, 2000
Trail 2	2484	RCG		June 14, 2000
Unicorn 4	2486	RCG		June 14, 2000
Unicorn 6	2485	RCG		June 14, 2000
Bralorne Ext.	2989	MG	20	Sept 13, 2000
Standard 1	3021	MG	4	Nov. 19, 2000
Pie 3	3347	2 post	1	Sept 17, 2000

122° 40' W



50° 40' N



ARMENO RESOURCES INC./
TRANS ATLANTIC RESOURCES INC.
STANDARD CREEK PROPERTY
Lillooet M.D., B.C.

CLAIM MAP



HI-TEC
RESOURCE MANAGEMENT LTD.

SCALE: 1 : 50000	N.T.S.: 92 J/10	FIGURE No: 2
DWN. BY:	DATE: Feb. 1990	FILE No:
CHKD. BY:	PROJECT No: 89 BC 39	

Claim Status-Pat Group

<u>Claim Name</u>	<u>Record No.</u>	<u>Type</u>	<u>No. of Units</u>	<u>Expiry Date</u>
Pie 4	3348	2 post	1	Sept 17, 2000
Pie 5	3349	2 post	1	Sept 17, 2000
Pie 6	3350	2 post	1	Sept 17, 2000
Tom 1-8	2296- 30038	2 post	8	Oct 11, 2000
Pat 1-8	940- 947	2 post	8	Sept 4, 2000
Mac 1-8	3511- 3518	2 post	8	Aug. 6, 2000
June 1-8	3519- 3526	2 post	8	Aug. 6, 2000
Peak	3552	MG	9	Sept 4, 2000

Claim Status-Butte Group

<u>Claim Name</u>	<u>Record No.</u>	<u>Type</u>	<u>No. of Units</u>	<u>Expiry Date</u>
Royal	2481	RCG		June 14, 2000
Royal 1	2466	RCG		June 13, 2000
Royal 2	2467	RCG		June 13, 2000
Royal 3	2480	RCG		June 14, 2000
Royal 4	2478	RCG		June 14, 2000
Royal 5	2479	RCG		June 14, 2000
Royal 6	2476	RCG		June 14, 2000
Royal 7	2477	RCG		June 14, 2000
Royal 8	2468	RCG		June 13, 2000
Royal 9	2469	RCG		June 13, 2000
Royal 10	2470	RCG		June 13, 2000
Royal A. Fr.	2483	RCG		June 14, 2000
Royal B. Fr.	2471	RCG		June 13, 2000
Royal C. Fr.	2482	RCG		June 14, 2000
Royal 11	2472	RCG		June 13, 2000
Standard 2	3022	MG	12	Nov. 19, 2000
GoldStream I	3097	MG	12	Feb. 22, 2000
GoldStream II	3095	MG	12	Feb. 22, 2000
GoldStream Ext.1	3139	MG	6	May 6, 2000
GoldStream Ext.2	3142	MG	4	May 6, 2000
Pie 1	3345	2 post	1	Sept 17, 2000
Pie 2	3346	2 post	1	Sept 17, 2000
Butte-X-Cal	2301	MG	20	Feb. 14, 2000



Claim Status-Ungrouped Claims

<u>Claim Name</u>	<u>Lot No.</u>	<u>Type</u>
Chalco D fr.	7771	Crown Grant
Chalco 5	7700	Crown Grant
Chalco 6	7704	Crown Grant
Chalco 8 fr.	7701	Crown Grant
Chalco 9	7770	Crown Grant
Chalco 10	7765	Crown Grant
Chalco 12	7702	Crown Grant
Chalco 13	7705	Crown Grant
Chalco 35	7703	Crown Grant
Chalco 36	7766	Crown Grant
Chalco 37	7767	Crown Grant
Chalco 38	7768	Crown Grant
Chalco 39 fr.	7769	Crown Grant

2.0 HISTORY AND PREVIOUS WORK

The Gold bridge-Bralorne area of B.C. has, up until 1971, been the most productive gold camp in the Canadian Cordillera. Located approximately 200 km north of Vancouver, prospectors first found placer gold in 1863 which later led them to isolate mineable gold bearing quartz veins by 1897. Tonnage figures for past producing mines are as follows:

Mine	Area	Production	(OOO Tons)	Au oz/T
Bralorne	Bridge River, B.C.	1932-1971	5474	0.52
Pioneer	Bridge River, B.C.	1914-1962	2477	0.54
Minto	Bridge River, B.C.	1934-1940	89	0.20
Wayside	Bridge River, B.C.	1915-1937	43	0.125

Work on the Standard Creek property dates back to the early 1930's. Clothier (1933) reports that the standard adit contained a 21 meter wide zone averaging 4.3 gm/tonne gold. The Standard showing reported trench and adit values as high as 8 oz/ton Au. Channel



samples over the widest vein zone gave assay values of up to 0.17 oz/ton. This showing consists of a series of shear zones, containing discordant quartz veins with pyrite, arsenopyrite, and free gold. The mineralized zones are found cutting sediment and serpentinized units of the Bridge River group and can be traced on surface over 250 meters.

During 1932 and 1933, Red Hawk Gold Mines Ltd. conducted a program of trenching and short underground workings on the Red Hawk property. This was to test a number of gold bearing quartz veins. Cadwallader Gold Mines also carried out ground sluicing and limited underground development, during 1932, on the Royal Prospect. The latter comprises a series of quartz veins up to 1.37 meters wide (Cairnes, 1937).

In 1948 a tungsten-copper showing was discovered on the northwest side of Piebiter Creek. This zone has been termed the Chalco/Lower Piebiter area. The showing was drill tested in 1969 and 1979-1980 and this confirmed the presence of low grade tungsten-copper mineralization (Cook, 1970; Elwel, 1980).

During the early 1980's Dragon Resources Ltd. located the Pat and Tom claims along the northeastern boundary of the subject property. These were to cover a prominent 3 meter wide silver bearing quartz vein termed the Chopper vein. This vein has been traced over 2,400 meters in length with reported silver values of up to 1,585 gm/tonne in selected samples (Goldsmith & Tyralla, 1980).

Other work at this time was carried out by Hillside Energy Corp. They conducted soil sampling programs on

the Royal Prospect and west side of Cadwallader Creek (Butte-I.X.L.) areas. Some zones of interest were outlined by this work (Melrose & Fairbank, 1982).

During the period 1985-1988 extensive amounts of exploration work were conducted on various portions of the property. Hudson Bay Exploration and Development Co. Ltd. completed geological mapping and geochemical sampling on the Butte-X-Cal prospect (Lancaster, 1985). Armeno Resources Inc. and Trans Atlantic Resources Inc. identified seven zones of interest by means of geological, geochemical, geophysical and diamond drilling programs (Allen et al., 1986; Carpenter & Haynes, 1987).

Nine diamond drill holes were drilled on the Upper Piebiter zone during 1986. These holes outlined a mineralized zone 15 to 35 meters (uncorrected) wide averaging 0.015 to 0.02 oz/t gold. Allen et al. (1986) also report that drill hole 86-6 was collared ..

"600 meters to the southwest of this area along its potential extension along strike. An 18 meter intersection grading 0.01 oz/t gold was obtained"

Additional exploration work comprising detailed geological mapping, geochemical sampling, detailed VLF/EM, magnetometer surveys, diamond drilling and underground work was conducted on the subject claims during 1987 and 1988. This work identified two primary areas of interest, the Piebiter and Chopper zones. Secondary target zones include the Standard and Chalco areas. During this stage of the exploration work on the property, 6368.1 meters of core were drilled; 139 meters of underground exploration on the Standard Adit were completed; 642 soil and 3837 rock and split core samples were collected from which 3251 core and 377

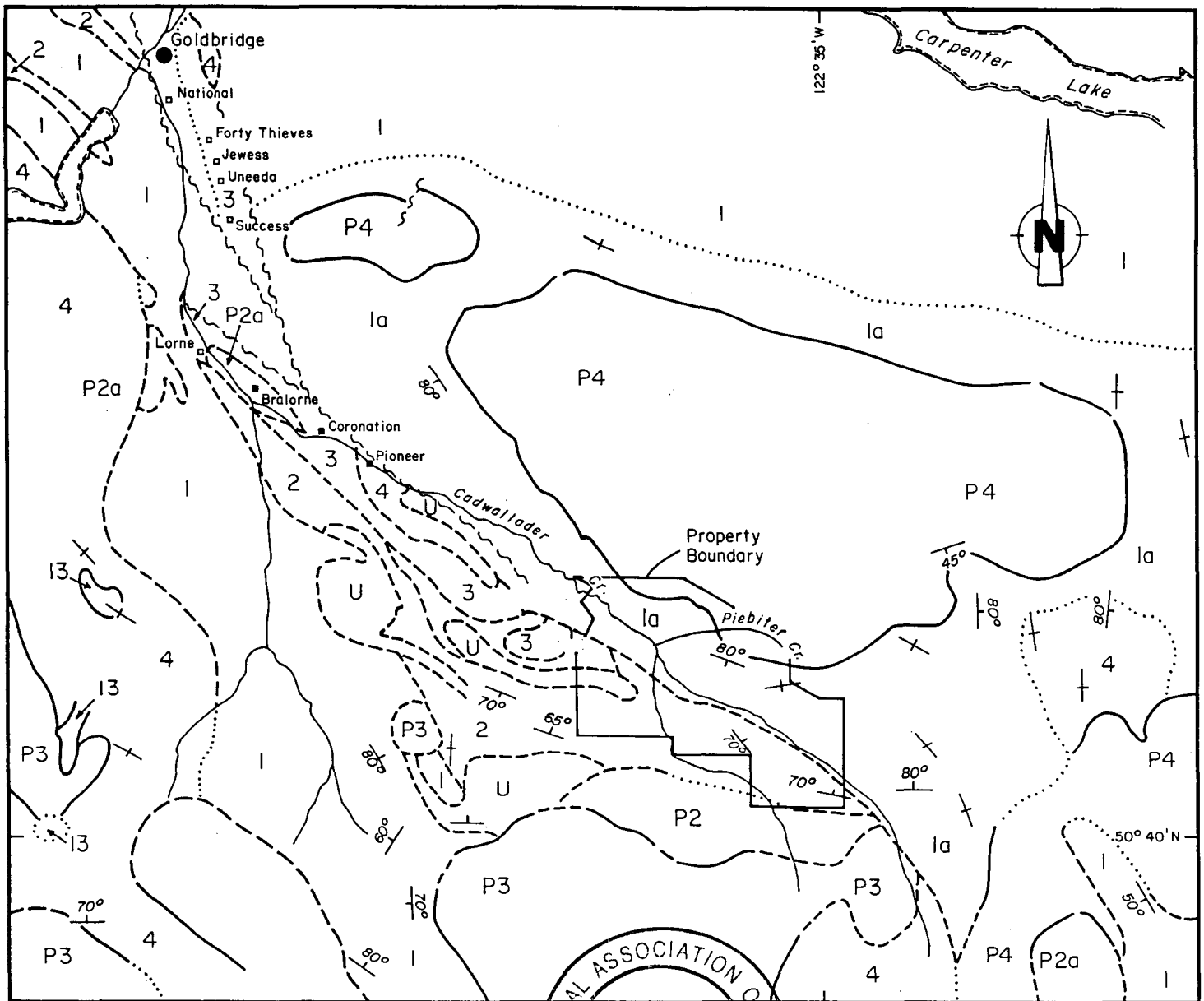
rock samples were geochemically analyzed. The results of the 1987 diamond drilling on the Piebiter grid zone contained intersections of up to 9 meters of 0.065 oz.Au/ton, including 1 meter of 0.154 oz.Au/ton (Hole P87-02).

3.0 REGIONAL GEOLOGY AND MINERALIZATION

The Bridge River district (Figure 3) lies at the western margin of the Intermontane Belt of volcanic and sedimentary rocks where it abuts against the Coast Plutonic Complex. Triassic arc volcanics and backarc sediments (Cadwallader and Bridge River Groups) are intruded by intermediate plutons (Bralorne Intrusions) and faulted against ultramafic intrusions (President Intrusions). Capping the whole sequence are relatively flat lying Tertiary intermediate and mafic volcanics.

The Bridge River gold camp is primarily known as a vein hosted gold producer. Ore zones in this camp have developed along a complicated system of tension fractures both as massive and ribboned white quartz veins and as extensive mineralized shears. These veins and shears have been known to extend up to several thousand feet although the ore-shoots vary considerably in length with few exceeding eight hundred feet. They commonly include accessory minerals such as siderite, chlorite, and sericite in the quartz veins, and kaolinite, ankerite, and quartz in the mineralized shears. Pyrite, arsenopyrite, stibnite, and chalcopyrite are common to both, although not always present. It has been suggested that the gold mineralization of the camp is closely related to the intrusive suite of diorite and granitic rocks as well as neighbouring ultramafic and mafic volcanics. The





LEGEND

CENZOIC

13 Basalt and rhyolite flows.

MESOZOIC

4 Thin-bedded limey argillite, phyllite, limestone, tuff, conglomerate, agglomerate, andesite and minor chert.

3 Greenstone derived from andesitic flows and pyroclastic rocks.

2 Thin-bedded argillite; chert, conglomerate and greenstone.

1 Chert, argillite, phyllite and greenstone; minor limestone, schist; (a) metamorphosed rock of unit 1; mainly biotite schist.

METAMORPHIC and PLUTONIC ROCKS

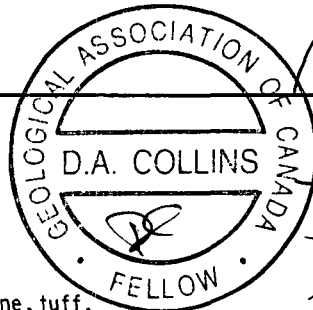
P4 Granodiorite (a) miarolitic granodiorite and syenodiorite.

P3 Quartz diorite.

P2 Diorite (a) Bralorne Intrusions: augite, diorite, gabbro, minor soda granite and quartz diorite.

U Ultrabasic rocks: serpentine, peridotite, dunite.

5 4 3 2 1 0 2.5 5 kilometres



Geological contact (defined, approximate, assumed)

Fault or shear zone

Bedding (horizontal, inclined)

Past producing mine

Significant prospect

Approximate outline of property

ARMENO RESOURCES INC. /
TRANS ATLANTIC RESOURCES INC.
STANDARD CREEK PROPERTY
Lillooet M.D., B.C.

REGIONAL GEOLOGY



HI-TEC
RESOURCE MANAGEMENT LTD.

SCALE:
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92 J/10

DATE:
Feb. 1990

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89 BC 39

FIGURE No.:

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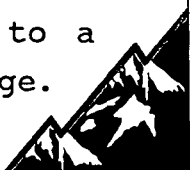
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oldest and deepest fault zones may be the main mineralizing solution pathways and sites of repeated igneous intrusion. Church & Pettipas (1989) point out that the Cadwallader fault zone, along which the main past producing mines are situated, hosts the Bralorne diorite and soda granite, Bendor related intrusions and a belt of ultramafic rocks.

The Standard Creek property is situated within the Bridge River terrane, immediately west of the major strike-slip Yalakom fault. This is composed of structurally imbricated Middle Triassic to Middle Jurassic chert, argillite, basalt, minor limestone, serpentinites, alpine-type ultramafic rocks and their metamorphosed equivalents (Potter, 1986). Serpentinite is commonly developed along fault zones within the Bridge River Complex.

The principal stratigraphic assemblages of the Bridge River Complex are the Fergusson, Cadwallader and Taylor Creek Groups. Recent work suggests that the Cadwallader and Fergusson groups may have been formed penecontemporaneously. Church & Pettipas (1989) interpret the Cadwallader rocks as characterizing the clastics and volcanics of arc-type deposition and the Fergusson rocks as a more distal ocean basin environment.

The Pre-Permian Fergusson Group consists of an oceanic assemblage of steeply dipping cherts, schist, gneiss and hornfels units. The Fergusson Group rocks are commonly markedly recrystallized and severely affected by dynamic metamorphism (Church & Pettipas, 1989). Numerous greenstone dykes and sills intrude the group. Cataclasis has reduced many of the lithologies to a sheared, imbricated and intensely brecciated melange.



The Pioneer Formation constitutes the oldest unit of the Cadwallader Group. This is primarily a greenstone volcanic sequence with occasional lenses of limestone and interbedded tephra beds. Pillow lavas and aquagene breccias have also been recorded.

The Noel Formation includes thin-bedded argillite, chert conglomerate, minor greenstone and thinly bedded turbidites. Thin zones of dark grey limestone have been recorded within the unit. This formation frequently overlies the Fergusson Group rocks. Both the Pioneer and Noel Formations, which form the basal units of the Cadwallader Group, may be intercalated, intruded or in-faulted into the Fergusson Group (Church & Pettipas, 1989).

The Hurley Formation is the youngest unit of the Upper Triassic Cadwallader Group and comprises green, brown and black argillite and cherty argillite. Locally, some interdigitating with coarse siltstones and sandstones occurs. Boulder and pebble basal conglomerates have been noted conformably overlying the Pioneer Formation.

The Taylor Creek Group, Jurassic and/or Lower Cretaceous in age, comprises andesites, basalts and shales. These may be reworked units derived from the underlying Fergusson Group and Hurley Formation strata.

Igneous intrusions occur throughout the area. The Bralorne diorite is exposed, within a structurally controlled zone, at intervals from Standard Creek through the Bralorne-Pioneer mineral belt to Gold Bridge town (Carpenter & Haynes, 1988). The President ultrabasic rocks follow the trend of the Bralorne diorite. These ultrabasic units form lenticular zones



of pyroxenite and dunite. To the west, the Coast Plutonic rocks consist of compositionally variable granitic and granodioritic plutons and stocks. The age of the intrusions range from Upper Cretaceous to Lower Tertiary.

Structural relationships within the Bridge River Complex are not well defined and understood. Imbricated lithologies probably contain significant repetition however the nature and age of the imbricate structures and lithologies is not clear.

Recently, the Gold bridge area of British Columbia has been the focus of renewed exploration activity. Corona Corporation is currently investigating the 51B footwall vein in the Bralorne Mine. During the last several years this latter vein has been tested by 72 surface drilled holes and in underground drifting on the 400 and 800 levels. The Levon/Veronex Congress property, which is bisected by Gun Creek, hosts several precious metal bearing vein structures which lie in a northwest trending zone that is about 2.5 kilometers long and 1 kilometer wide. Underground work on this property has continued to reveal new high grade gold areas along this zone.

Drill hole data for the Howard Tunnel on the Congress property published in the latter part of 1987 included: 15' @ 2.4 oz Au/t; 5' @ 4.7 oz Au/t; 30' @ 0.75 oz Au/t; 10' @ 1.26 oz Au/t; 14' @ 1.16 oz Au/t; 5' @ 1.87 oz Au/t and 19' @ 0.4 oz Au/t. Several raises were driven to test the upward extensions of the veins. Results from sampling of the raises include 82 feet of mineralization grading 0.632 oz gold over an average width of 4.1 feet and 34.5 feet grading 0.357 oz gold over a width of 3.9 feet. Geologic reserves for the



Howard zone were estimated at 670,000 tons grading 0.24 oz gold during 1989. The ore in this structure tends to be refractory and would require some specialized metallurgical process like bio-leaching (Norther Miner, March 6, 1989).

Drilling on the Menika Mining Ltd. Reliance property, approximately 1 kilometer southeast of the Congress property, has recently proven a downward continuity of the mineralized zone on the Eagle and Crown showings. These were exposed by trenching in 1987 but are now thought to form one continuous zone (Stockwatch, May 1988). This zone, termed the Royal shear zone, is one of two parallel shear zones on the west side of the Reliance property and marks a contact between argillite and volcanic rocks. The shear zone hosts six known showings namely the Diplomat, Senator, Imperial, Merit, Crown and Eagle, each showing representing a pipe (Stockwatch, June 21, 1988). Mineralized zones were intersected during drilling of these showings at depths varying from 384 to 714 feet below the surface. The Crown and Imperial showings have the same geology and the Crown showing contains erratic low values of gold which is similar to the upper portions of the Imperial showing (Stockwatch, June 21, 1988).

Drill hole data for the Eagle showing published in May 1988 included: 7.9' @ 0.141 oz Au/t; 4' @ 0.176 oz Au/t; 2' @ 0.207 oz Au/t. Drill hole data for the Crown showing was 4.7' @ 0.203 oz Au/t with other assays pending. Drilling on the Vista zone in another part of the property was temporarily halted in 1988 due to faulting and shearing. Eight drill holes in this zone failed to intersect commercial values of significant size (Stockwatch, May 1988).




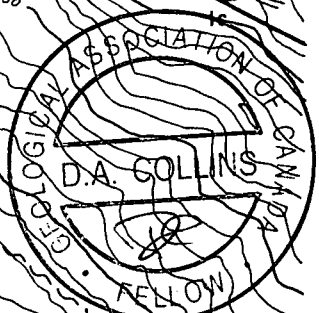
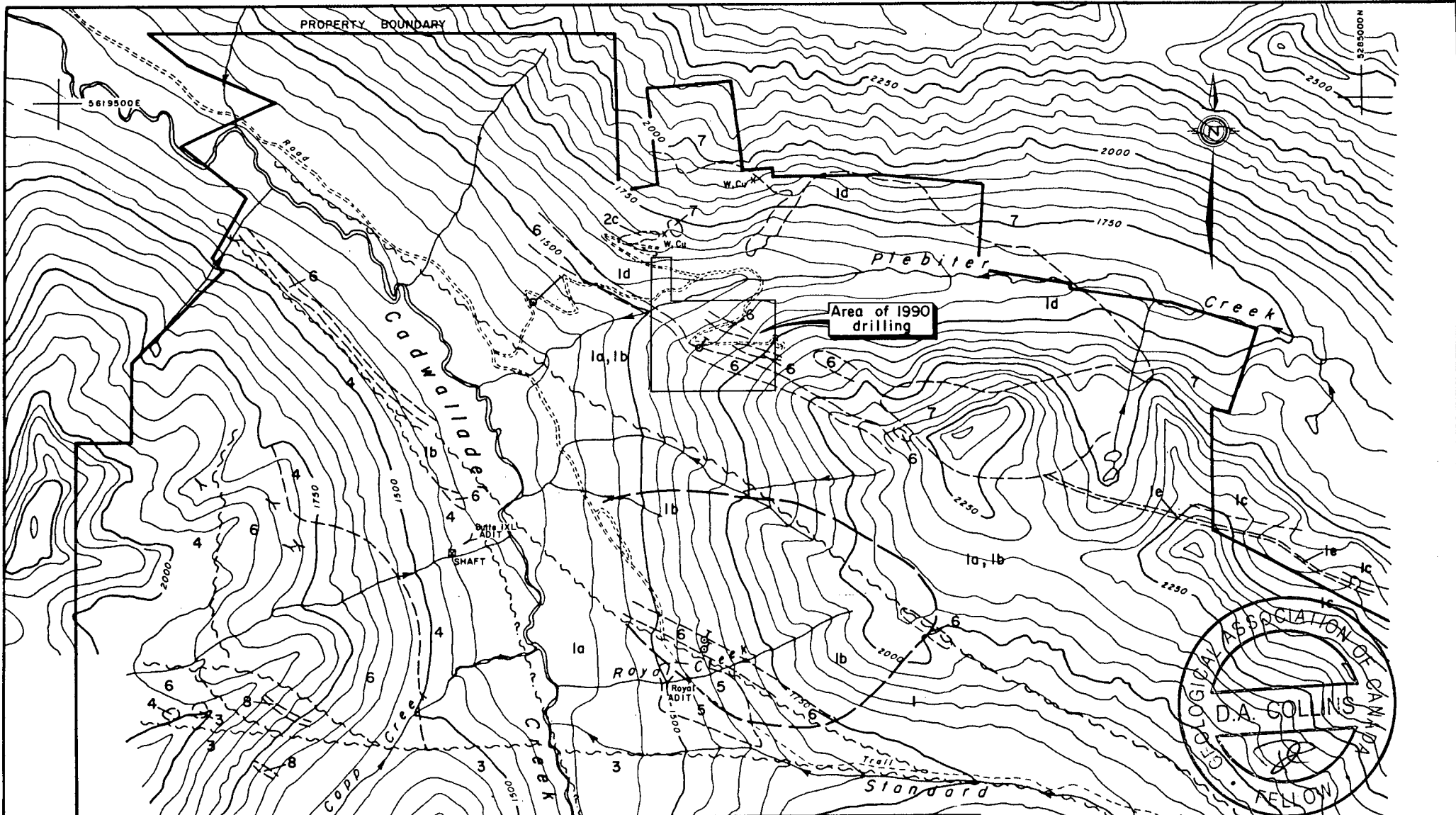
3.1 Property Geology

The Standard Creek property has been described, most recently, by Allen et al. (1986) and Carpenter & Haynes (1988). According to these authors, the claim group is generally underlain by rocks of the Fergusson Group, the Pioneer and Noel Formations of the Cadwallader Group, Bralorne Diorite, President ultramafics and Coast Granitic rocks (Figure 4).

Carpenter & Haynes (1988) report that northwest striking southwest dipping quartzites, quartz-biotite-schists and volcanoclastics were noted in the core from the Upper Piebiter Creek zone. In this area gold is found associated with quartzites and quartz-biotite-schists of the Fergusson Group at and near contacts with ultramafics (Carpenter & Haynes 1988). Diamond drilling of the upper portion of the Piebiter Creek zone has revealed that there is no obvious correlation of gold with the percentage of visible sulphides in the core or with any other definable feature (Carpenter & Haynes 1988). Throughout this zone the quartz-biotite-schists and biotite-schists frequently contain up to 15% visible sulphides (pyrite and pyrrhotite). Only rare trace sulphides occur in the ultramafics and metaquartzites.

According to Allen et al. (1986) "pyrrhotite and pyrite, along with minor amounts of arsenopyrite and a trace of chalcopyrite occurs disseminated in what appears in hand specimens to be a metaquartzite. Petrographic studies of the drill core reveal a relatively large proportion of plagioclase (6 to 60%) indicating that the host rock may originally be of volcanic origin. The rocks are therefore interpreted to have been derived from metamorphism and silicification of chert and tuffaceous chert beds. Best gold values generally occur in the more siliceous varieties indicating that some of the silica may have been introduced hydrothermally."





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TRANS ATLANTIC RESOURCES INC.
STANDARD CREEK PROPERTY
Lillooet M.D., B.C.

PROPERTY GEOLOGY

LEGEND

- | | |
|--|--|
| <p>8 Aplite</p> <p>7 BENDOR INTRUSIONS
Granodiorite
7a - Fine grained diorite</p> <p>6 PRESIDENT INTRUSIONS
Serpentinite
6a - listwanite</p> <p>5 BRALORNE INTRUSIONS
Diorite - greenstone</p> | <p>4 CADWALLER GROUP
Pioneer Formation: Andesite, basalt</p> <p>3 Noel Formation: Argillite</p> <p>2 BRIDGE RIVER COMPLEX
2a - Andesite, tuff, breccia
2b - Hornblendite
2c - Crystalline limestone</p> <p>1 1a - Thin-bedded metachert, quartzite
1b - Argillite
1c - Biotite schist
1d - Quartz biotite schist
1e - Spotted schist</p> |
|--|--|

- ~ Fault
- - - Geological contact
- └ Adit
- Diamond Drill Hole



(modified from Allen, 1986)

	SCALE: 1:27,000	N.T.S. 32 J/10	FIGURE No. 4
	DWN. BY:	DATE: Feb. 1990	FILE No.:
	CHGD. BY:	PROJECT No. 89 BC 39	

The results of the 1987 diamond drilling on the Piebiter grid zone contained intersections of up to 9 meters of 0.065 oz.Au/ton, including 1 meter of 0.154 oz.Au/ton (Hole P87-02).

4.0 REVERSE CIRCULATION DRILLING PROGRAM

A reverse circulation drilling program was undertaken on the Piebiter Creek area of the Standark Creek property by Hi-Tec Resource Management Ltd. during January and February 1990. The purpose of the drilling program was two-fold:

- a) to test anomalous resistivity highs and IP highs located during a ground geophysical survey of the Piebiter grid in December 1989 and January 1990 , and
- b) to test at depth and along strike previously diamond drill outlined zones of low grade mineralization


The drilling contractors were Dateline Contracting Ltd. of Kelona B. C., who used a self contained track mounted "Explorer" series reverse circulation drill. This track mounted capability enabled access over snow covered, frozen and very steep ground to limited sized drill sites. In addition only minimal amounts of water, in comparison to a diamond drill rig, were required to drill. Many of the holes were drilled without the addition of water. Problems were encountered in hole PRC-90-10 when significant amounts of water were encountered from a shallow depth in the hole. This resulted in the hole being "watered-out" at depth.



Ten drill sites were prepared by a HD16 and a D6 cat. Many of the proposed sites had to be repositioned when bedrock, which prohibited further access, was encountered during the site preparation. The cats had to be equipped with large ice-lugs to enable them to climb the very steep portions of the access roads. When four-wheel drive trucks equipped with tire-chains could not climb the steep frozen road sections an ATV four-wheel drive bike was frequently utilized to gain access to the drill sites.

A total of 1286.50 meters (4221 feet) were drilled on the subject mineral claims. The complete length of each hole was split and sampled. All of the chip samples were recovered at either 1.52 meter (5 foot) or 3.04 meter (10 foot) intervals dependant on the geology. Duplicate samples for holes #5 to #10 were stored at the summer base camp on Piebiter Creek. Each reverse circulation drill hole is summarized below.

Seven hundred and thirty-eight chip samples were collected during the drilling program. Ninety-three samples from hole PRC-90-1 were submitted to Min-En Laboratories Ltd., in North Vancouver, B.C. However, significant discrepancies occurred between initial results of Au geochemical analysis and check fire assays and no further samples were submitted to that lab. Six hundred and forty-five samples were submitted to Chemex Laboratories Ltd., in North Vancouver, B.C. Four hundred and ninety-eight samples were processed by Fire Assay for Au and one hundred and forty-three samples were analyzed for Au, Pt, and Pd. All of the samples were furthermore analyzed by ICP for Ag, As, Co, Cu, Fe, Mn, Mo, Zn, Ni, and Pb. Analytical procedures for Chemex Laboratories Ltd. are reported in



Appendix III and all analytical data for the chip samples is given in Appendix IV.

4.1 Reverse Circulation Drill Chip Sample Mineralization

The recovered chip samples comprised a sequence of quartz-biotite-schists, biotite schist, metaquartzites, dark grey/black ultramafics, and green either talcose or siliceous serpentinites.

The main form of mineralization occurs as fine grained pyrite and pyrrhotite which is predominantly present only in the schists. Trace chalcopyrite was evident occasionally and this was the only visible indicator of probable anomalous gold values being present.

4.2 Drill Log Synopsis and Geochemistry

Selected samples of the ultramafic lithologies from each hole were submitted for platinum and palladium analysis. No anomalous values were recorded in the samples.

PRC-90-1

The layout for this hole was -50° at azimuth 030° and it was drilled to a depth of 150.26 m (493') at Grid Ref. L5+65E/4+35N (Figure 5). The targets from this layout were anomalies A and B and possible fractures (Figure 6) which were interpreted to occur at depth (Cruickshank & Campbell, 1990). These anomalies were defined by the ground IP and Resistivity survey conducted during December, 1989 and January, 1990 by Sierra Geosciences Ltd. This report is included in Appendix V.



1000 N

900 N

800 N

700 N

600 N

500 N B.L.

400 N

300 N

200 N

H

adit

H

base camp

piebiter

Creek

C

C

90-3

A

90-1

90-2

90-7

B

90-8

A?

D

D

G

E

E

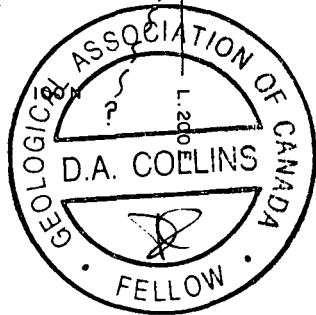
90-6

F?

G

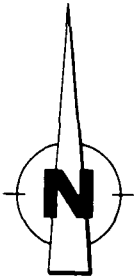
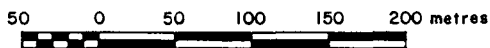
F

adit



LEGEND

- Reverse circulation drill hole
- I.P. anomaly
- Access road



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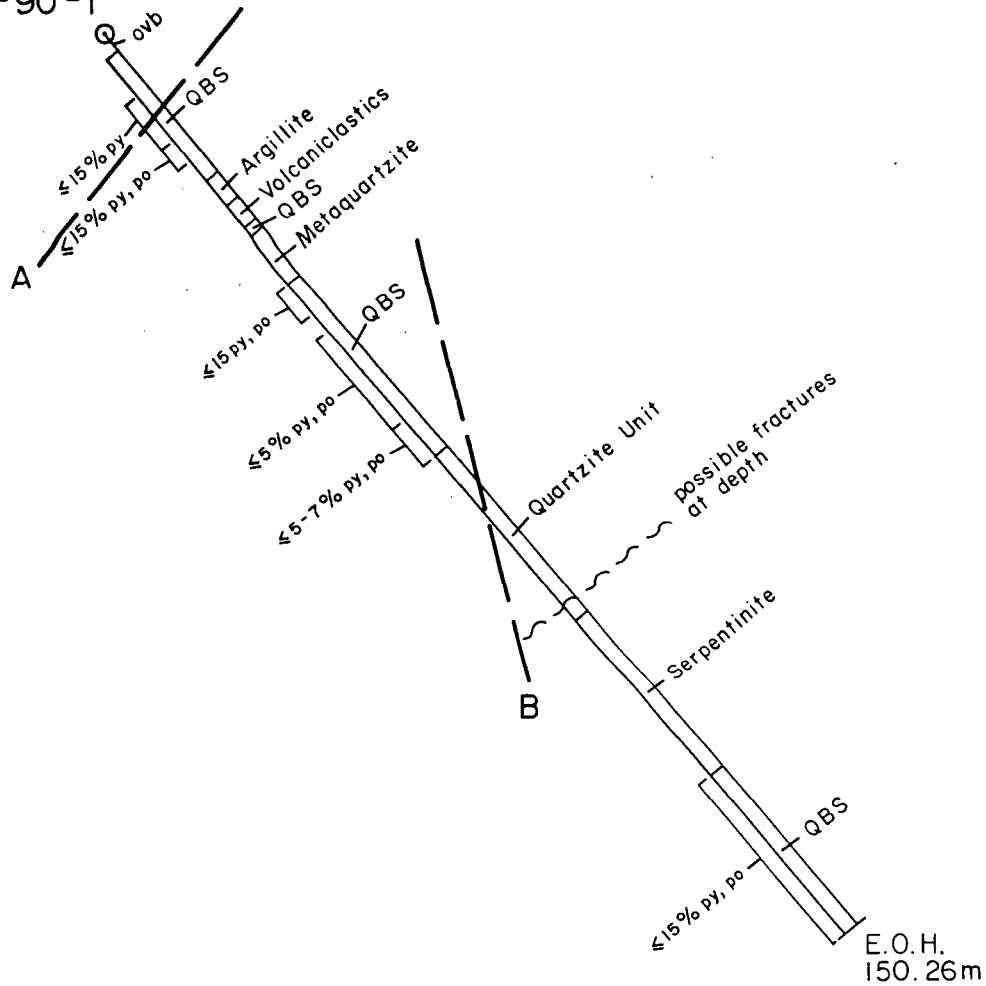
**Drill Hole Location
 & I.P./ Resistivity
 Compilation Map**



HI-TEC
 RESOURCE MANAGEMENT LTD.

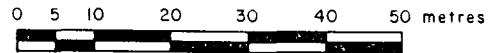
SCALE: 1 : 5000	N.T.S.: 92 J/10	FIGURE No: 5
DWN. BY:	DATE: Feb. 1990	FILE No:
CHKD. BY:	PROJECT No: 89 BC 39	

PRC-90-1



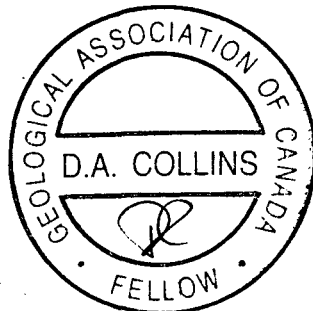
Vertical section along plane of hole

Collar : L.5+65E, 4+35N
 Azimuth : 030°
 Dip : -50°



LEGEND

- I.P. anomaly
- overburden
- pyrite
- pyrrhotite
- chalcopyrite
- quartz biotite schist



ARMENO RESOURCES INC. / TRANS ATLANTIC RESOURCES INC.		
STANDARD CREEK PROPERTY Lillooet M.D., B.C.		
Reverse Circulation Drill Hole PRC-90-1		
	SCALE: 1:1000	N.T.S.: 92 J/10
	DWN. BY:	DATE: Feb. 1990
CHKD. BY:	PROJECT No: 89 BC 39	FIGURE No: 6
		FILE No:

The hole was sampled at 1.52 meter (5 foot) intervals from 0 to 137.15 meters. The last portion of the hole was sampled at 3.04 meter (10 ft) intervals. The chip samples from the upper part of the hole consist of quartz-biotite-schist with fine grained pyrite and pyrrhotite evident throughout interbedded with minor volcanoclastics and argillites.

As shown on Figure 5, anomaly A is marked by a zone of quartz-biotite-schist with $\leq 5\%$ pyrite and pyrrhotite. Anomaly B is largely coincident with the contact of a quartzitic unit with quartz-biotite-schist. At a depth of 94.48 meters (310 feet) the hole intersected a dark green serpentinite unit. This coincides with the projected position of the fractures defined by the IP survey. There was only trace pyrite evident in these chip samples.

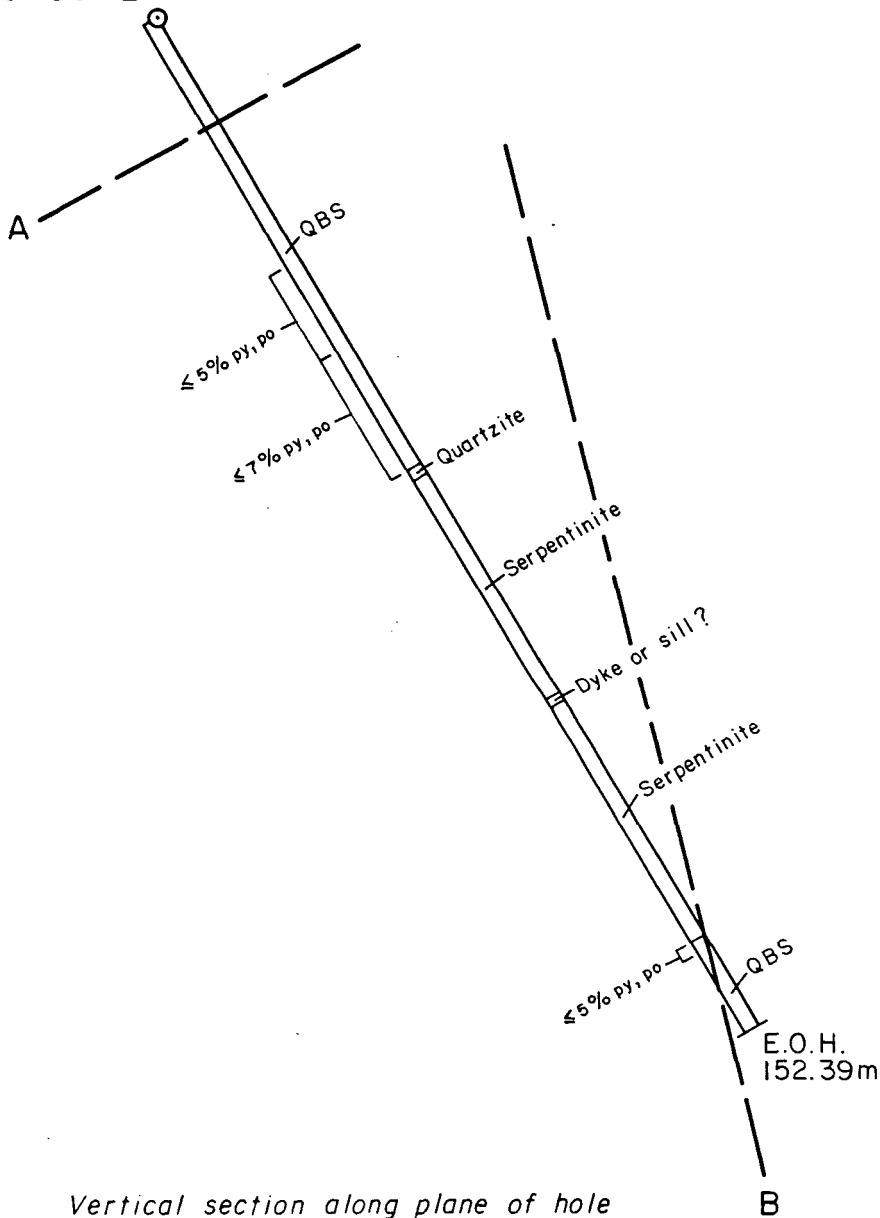
Eighteen check fire assays (samples 14742A-14760A) were completed by Chemex Labs Ltd. and values of up to 0.008 oz/t gold were recorded.

PRC-90-2

The layout for this hole was -60° at azimuth 040° and it was drilled to a depth of 152.39 m (500') at Grid Ref. L5+98E/4+15N (Figure 5). The targets from this layout were the along strike extension, to the east of PRC-90-1, of anomaly A and the down dip portion of anomaly B (Figure 7).

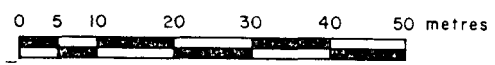
The hole was sampled at 1.52 meter (5 foot) intervals from 39.62 meters to the end of hole. The first portion was sampled at 3.04 meter (10 ft) intervals. The chip samples from the upper part of the hole consist of quartz-biotite-schist with fine grained trace pyrite and pyrrhotite evident throughout. The

PRC-90-2



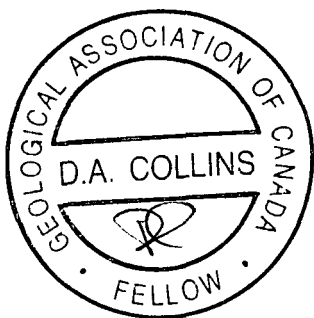
Vertical section along plane of hole

Collar : L. 5+98E, 4+15N
 Azimuth : 040°
 Dip : -60°



LEGEND

- I.P. anomaly
- ovb overburden
- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- QBS quartz biotite schist



ARMENO RESOURCES INC. / TRANS ATLANTIC RESOURCES INC.		
STANDARD CREEK PROPERTY Lillooet M.D., B.C.		
Reverse Circulation Drill Hole PRC-90-2		
	SCALE: 1:1000	N.T.S.: 92 J/10
	DWN. BY:	DATE: Feb. 1990
	CHKD. BY:	PROJECT No: 89 BC 39
		FIGURE No: 7
		FILE No:

centre portion of the hole intersected a green serpentinite unit. A dyke or sill was intersected within the serpentinite unit. The hole was terminated in quartz-biotite-schist.

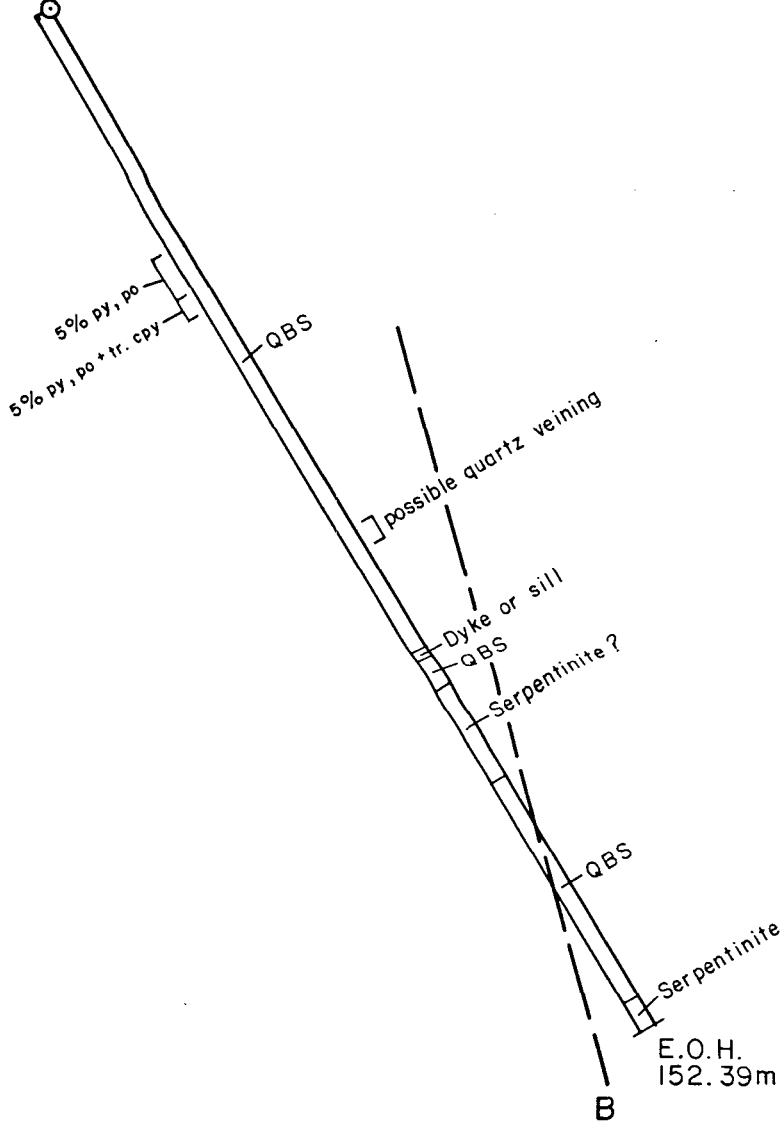
As shown on Figure 7, anomaly B is marked by a zone of quartz-biotite-schist with $\leq 5\%$ pyrite and pyrrhotite and coincides with the lower contact zone of the overlying serpentinite unit. Anomalous gold values of 0.012 and 0.006 oz/t were recorded by the samples collected immediately below the dyke or sill (samples 14899-14900A).

PRC-90-3

The layout for this hole was -60° at azimuth 032° and it was drilled to a depth of 152.39 m (500') at Grid Ref. L4+95E/4+50N (Figure 5). The target from this layout was the along strike extension, to the west of PRC-90-1, and the down dip portion of anomaly B (Figure 8).

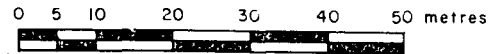
The hole was sampled at 1.52 meter (5 foot) intervals from 79.24 meters to the end of hole. The first portion was sampled at 3.04 meter (10 ft) intervals. The chip samples from the major portion of this hole consist of quartz-biotite-schist with fine grained trace pyrite and pyrrhotite evident throughout. Trace chalcopyrite was evident in sample 14944A at a depth of 39.62 meters but no anomalous gold values were recorded. In common with PRC-90-2 a dyke or sill was again intersected but within the quartz-biotite-schist in PRC-90-3. A green siliceous serpentinite unit is interbedded with the quartz-biotite-schist and anomalous values of up to 0.008 (350 ppb) gold were yielded by two of the samples from this zone. The hole was terminated in serpentinite.

PRC-90-3



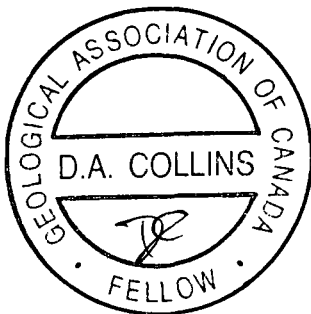
Vertical section along plane of hole

Collar : L.4+95E, 4+50N
 Azimuth : 032°
 Dip : -60°



LEGEND

- I.P. anomaly
- ovb overburden
- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- QBS quartz biotite schist



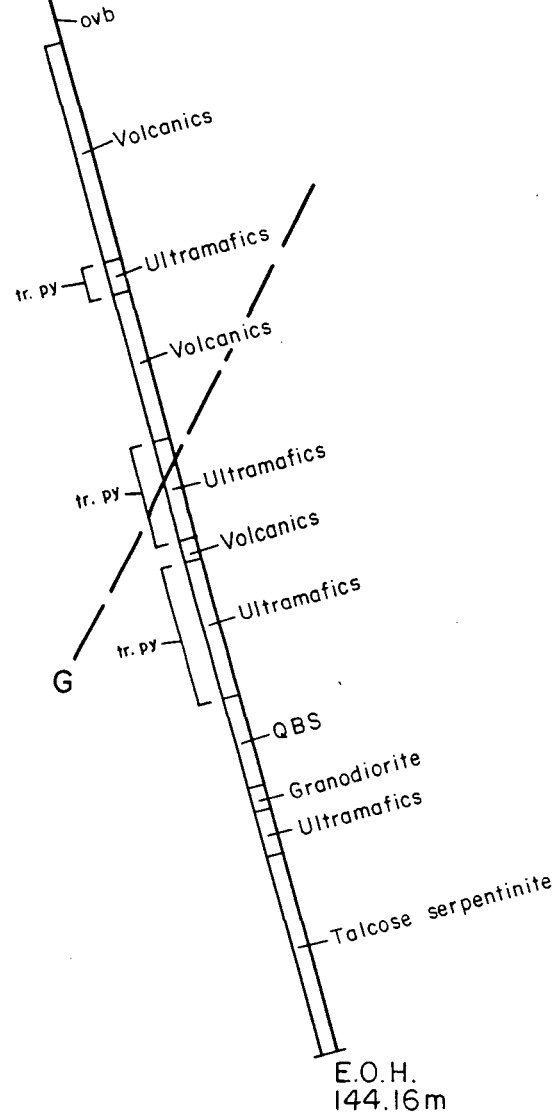
ARMENO RESOURCES INC. / TRANS ATLANTIC RESOURCES INC.		
STANDARD CREEK PROPERTY Lillooet M.D., B.C.		
Reverse Circulation Drill Hole PRC-90-3		
RI-TEC RESOURCE MANAGEMENT LTD.	SCALE: 1:1000	N.T.S.: 92 J/10
	DWN. BY:	DATE: Feb. 1990
	CHKD. BY:	PROJECT No: 89 BC 39
		FIGURE No: 8
		FILE No:

As shown on Figure 8, anomaly B approximately coincides with the contact zone of the quartz-biotite-schist with the overlying mineralized serpentinite unit.

PRC-90-4

The layout for this hole was -75° at azimuth 360° and it was drilled to a depth of 144.16 m (473') at Grid Ref. L8+20E/1+60N (Figure 5). The target from this layout was anomaly G and the causative source of anomaly E which was interpreted to occur in the footwall of anomaly G at depth (Figure 9). This is a very strong and deep IP high which dips steeply to the south. The resistivity values associated with this anomaly were interpreted as possibly reflecting ultramafics and/or quartzites. The sequence of lithologies intersected was different to those in the previous holes. The hole was collared in yellow/brown tuffaceous volcanics. A large portion of the remainder of the hole consists of an alternating sequence of volcanics and ultramafics with trace pyrite evident. Quartz veinlets were present in some of the chip samples recovered. However, a 3.04 meter section of granodiorite was intersected at a depth of 110 meters underlying a quartz-biotite-schist interval. A talc rich serpentinite unit was intersected at a depth of 117.34 meters. Portions of this unit were very dark green in colour and contained some black siliceous clasts which suggests that there are other interbedded ultramafic layers within the serpentinite. Only trace pyrite was evident in the chips. Anomaly G appears to coincide with the contact of volcanics with ultramafics. Only low gold values were recorded throughout the hole.


PRC - 90 - 4

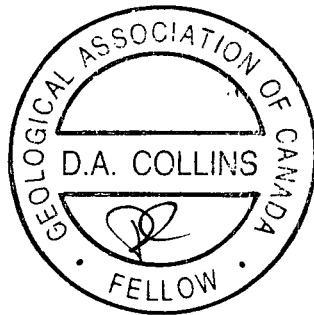



Vertical section along plane of hole

Collar : L. 8 + 20E, 1 + 60N
 Azimuth : 360°
 Dip : - 75°

LEGEND

-  I.P. anomaly
- ovb overburden
- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- QBS quartz biotite schist




ARMENO RESOURCES INC. / TRANS ATLANTIC RESOURCES INC.		
STANDARD CREEK PROPERTY Lillooet M.D., B.C.		
Reverse Circulation Drill Hole PRC - 90 - 4		
	SCALE: 1 : 1000	M.T.S.: 92 J/10
	DWN. BY:	DATE: Feb. 1990
	CHKD. BY:	PROJECT No: 89 BC 39
		FIGURE No: 9
		FILE No:

PRC-90-5

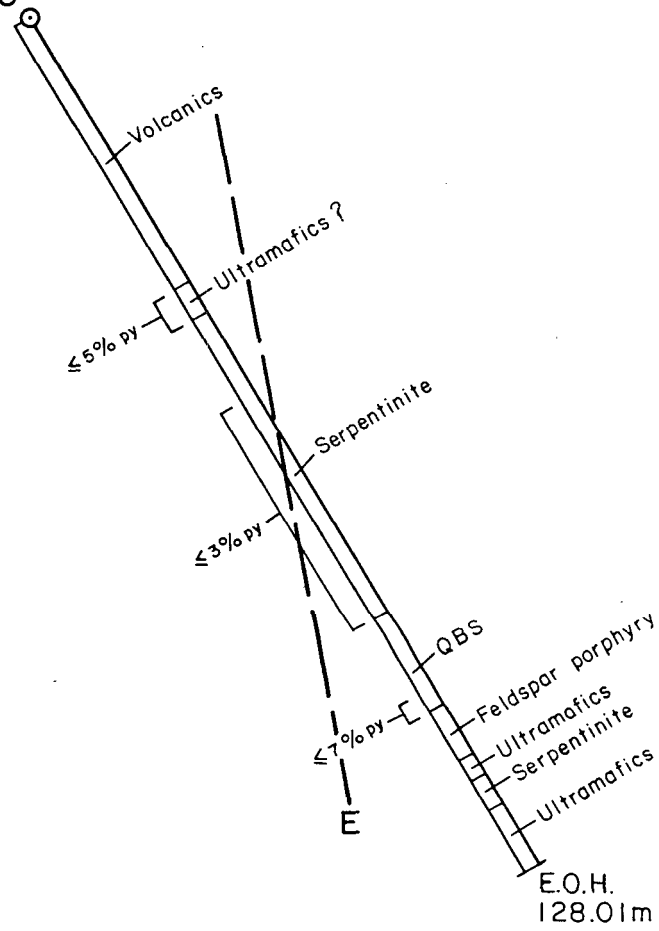
The layout for this hole was -60° at azimuth 040° and it was drilled to a depth of 128.01 m (420') at Grid Ref. L8+00E/2+35N (Figure 5). The target from this layout was anomaly E (Figure 10). This is a strong resistivity low zone which dips steeply to the north. The resistivity values associated with this anomaly were interpreted as possibly reflecting a fracture or shear zone. The hole was collared in yellow/brown tuffaceous volcanics. The remainder of the hole consists predominantly of a dark green serpentinite type unit with fine disseminated pyrite evident (<5%). Quartz rich zones were present in some of the chip samples recovered. In common with hole PRC-90-4, some portions of the serpentinite unit were very dark green in colour and contained some black siliceous clasts which suggests that there are interbedded ultramafic layers within the serpentinite. A plagioclase feldspar porphyry was intersected at a depth of 103 meters and this was associated with a 7% pyrite zone. However, only low gold values were recorded throughout the hole.

PRC-90-6

The layout for this hole was -65° at azimuth 180° and it was drilled to a depth of 94.48 m (310') at Grid Ref. L5+75E/2+30N (Figure 5). The target from this layout was anomaly F and possible fractures (Figure 11) which were interpreted to occur at depth (Cruickshank & Campbell, 1990). The position of this anomaly correlates well with the location and direction of an adit located to the west (L3+00E/1+98N). The hole was collared in ultramafics with trace disseminated pyrite evident. The remainder of the hole consists of an alternating sequence of banded fine grained tuffaceous

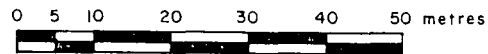


PRC-90-5



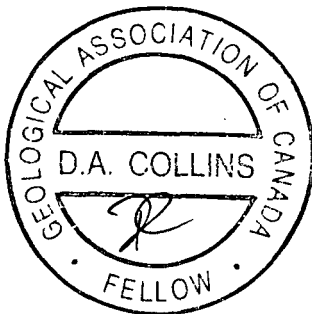
Vertical section along plane of hole

Collar : L.8+00E, 2+35 N
 Azimuth : 040°
 Dip : -60°

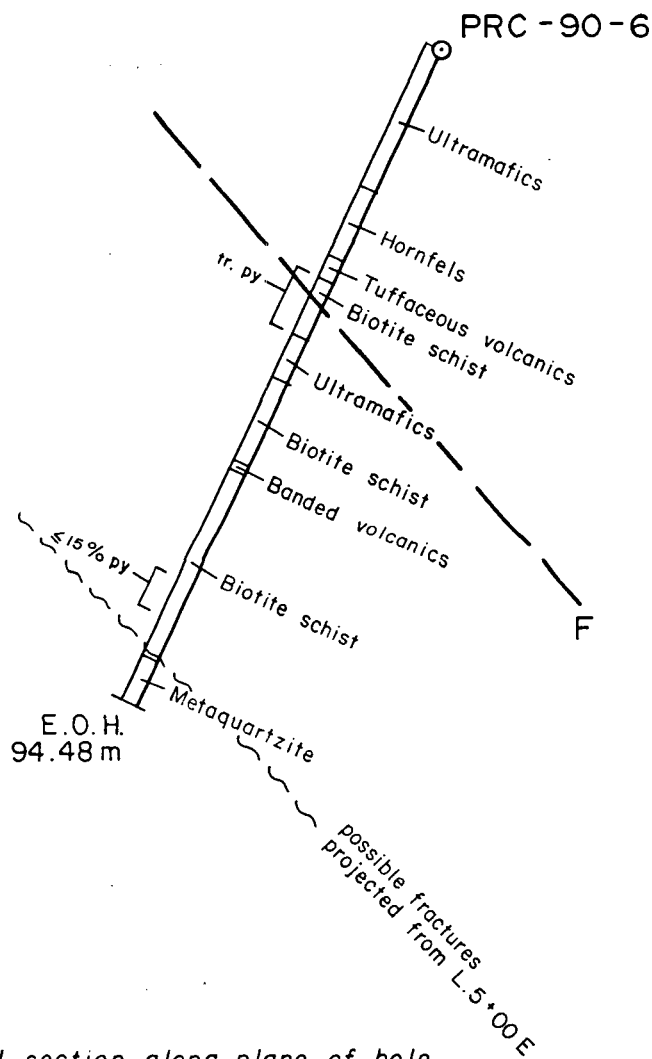


LEGEND

- I.P. anomaly
- ovb overburden
- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- QBS quartz biotite schist

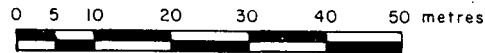


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STANDARD CREEK PROPERTY Lillooet M.D., B.C.		
Reverse Circulation Drill Hole PRC-90-5		
	SCALE: 1 : 1000	N.T.S.: 92 J/10
	DWN. BY:	DATE: Feb. 1990
CHKD. BY:	PROJECT No: 89 BC 39	FILE No: 10



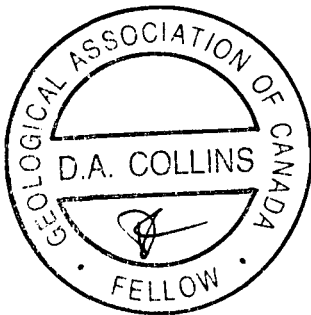
Vertical section along plane of hole

Collar : L.5+75E, 2+30N
 Azimuth : 180°
 Dip : -65°



LEGEND

- I.P. anomaly
- ovb overburden
- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- QBS quartz biotite schist



ARMENO RESOURCES INC./ TRANS ATLANTIC RESOURCES INC.			
STANDARD CREEK PROPERTY Lillooet M.D., B.C.			
Reverse Circulation Drill Hole PRC - 90 - 6			
	SCALE: 1 : 1000	N.T.S.: 92 J/10	FIGURE No: 11
	DWN. BY:	DATE: Feb. 1990	
	CHKD. BY:	PROJECT No: 89 BC 39	FILE No:
RT-TEC RESOURCE MANAGEMENT LTD.			

volcanics and biotite schist. The latter unit contained some very pyritic zones (up to 15%) and trace pyrrhotite was also noted.

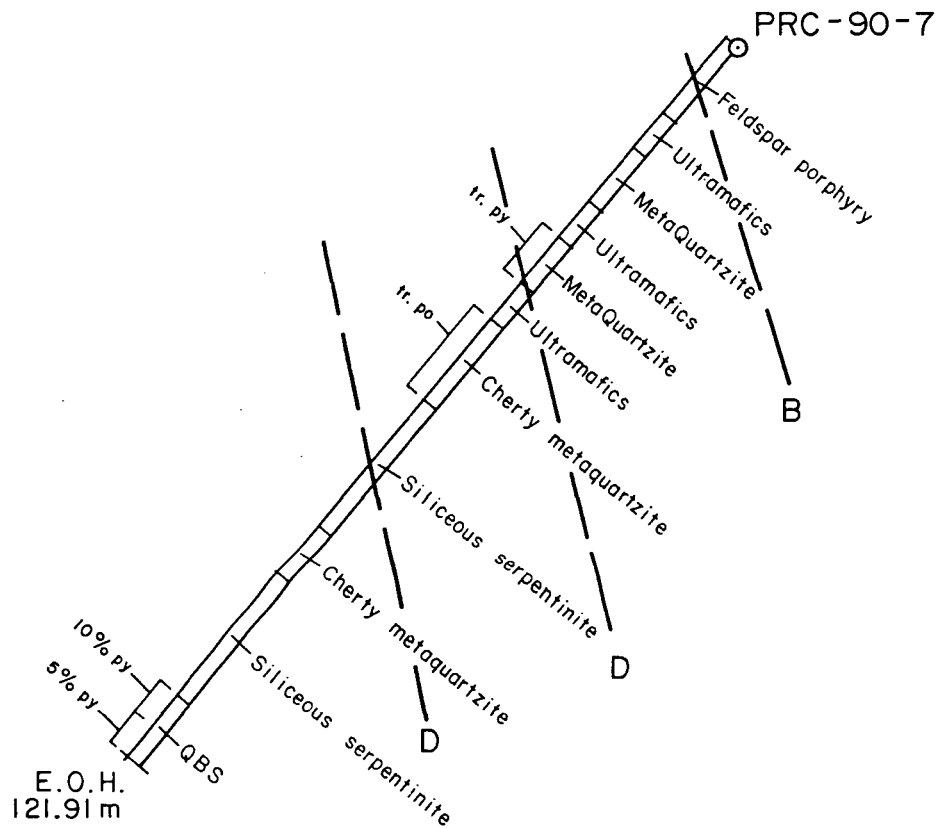
The hole was terminated in a reddish/brown metaquartzite with no visible mineralization. However, only low gold values were recorded throughout the hole.

PRC-90-7

The layout for this hole was -50° at azimuth 167° and it was drilled to a depth of 121.91m (400') at Grid Ref. L8+50E/4+30N (Figure 5). The primary targets from this layout were anomaly D and a possible zone of intersection of anomaly D with anomaly A at depth (Map 12, Cruickshank & Campbell, 1990). The hole was collared in a plagioclase feldspar porphyry (Figure 12). This is interbedded with dark green/black ultramafics and pale grey metaquartzites. Trace pyrite was evident in places in the upper portions of the hole. Siliceous serpentinite was intersected in the lower half of the hole. Biotite schist with up to 10% pyrite at the contact with the overlying serpentinite was evident towards the base of the hole. Values of up to 0.008 opt Au were associated with this lower zone. Pyrite content decrease to <5% at the end of the hole within biotite schist.

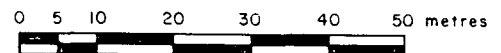
PRC-90-8

The layout for this hole was -55° at azimuth 040° and it was drilled to a depth of 121.91m (400') at Grid Ref. L9+00E/5+30N (Figure 5). The target from this layout was the down dip extension of a zone of gold mineralization intersected by previously drilled diamond drill holes 86-9 and 87-11. The hole was



Vertical section along plane of hole

Collar : L. 8° 50E, 4° 30N
 Azimuth : 167°
 Dip : -50°



LEGEND

- I.P. anomaly
- ovb overburden
- py pyrite
- po pyrrhotite
- cpy chalcopryite
- QBS quartz biotite schist



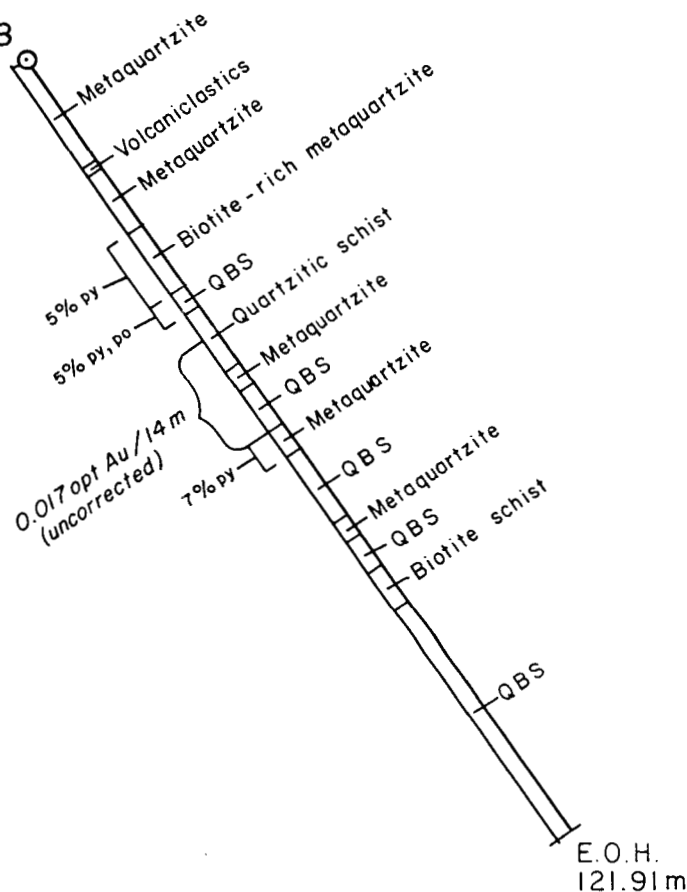
ARMENO RESOURCES INC./ TRANS ATLANTIC RESOURCES INC.		
STANDARD CREEK PROPERTY Lillooet M.D., B.C.		
Reverse Circulation Drill Hole PRC-90-7		
	SCALE: 1 : 1000	N.T.S.: 92 J/10
	OWN. BY:	DATE: Feb. 1990
	CHKD. BY:	PROJECT No: 89 BC 39
		FIGURE No: 12
		FILE No:

collared in metaquartzite (Figure 13). This is interbedded with volcanics and quartz-biotite and biotite-schists. Pyrite content varied from trace to 7% within the hole. A 14 meter wide zone (uncorrected width) with an average value of 0.017 opt Au was intersected at a depth of 40 meters. This is a shallower depth than expected from the previous diamond drilling. The zone is associated with quartzitic schists and quartz-biotite-schist and this correlates well with the holes 86-9 and 87-11. Anomalous arsenic values accompany the anomalous gold zone.

PRC-90-9

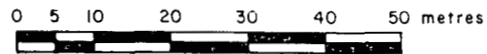
The layout for this hole was -50° at azimuth 180° and it was drilled to a depth of 126.49m (415') at Grid Ref. L7+46E/6+63N (Figure 5). The target from this layout was to test for the presence of an along strike extension of gold mineralization intersected by previously drilled, widely spaced, diamond drill holes 86-9 and 86-6. Reverse circulation hole PRC-90-9 was collared in tuffaceous volcanics and intersected quartz-biotite-schist at 12.19 meters (Figure 14). The average value of the 18.28 meter (uncorrected) interval from 6.10 to 24.38 meters is 0.011 opt Au. This interval contains a 1.52 meter sample (14969A) which yielded a value of 0.039 opt Au. A number of additional zones of anomalous gold values were intersected in this hole. The average value of the 7.62 meter (uncorrected) interval from 38.10 to 45.72 meters and the 12.19 meter (uncorrected) interval from 86.86 to 100.58 meters is also 0.011 opt Au including two 1.52 meter samples (14981A and 9-14A) which yielded values of 0.022 and 0.020 opt Au respectively. The best values were recorded from a depth of 103.63 to 126.49 meters. This 22.86 meter (uncorrected) interval has an

PRC - 90 - 8



Vertical section along plane of hole

Collar : L. 9+00 E, 5+30 N
 Azimuth : 040°
 Dip : -55°

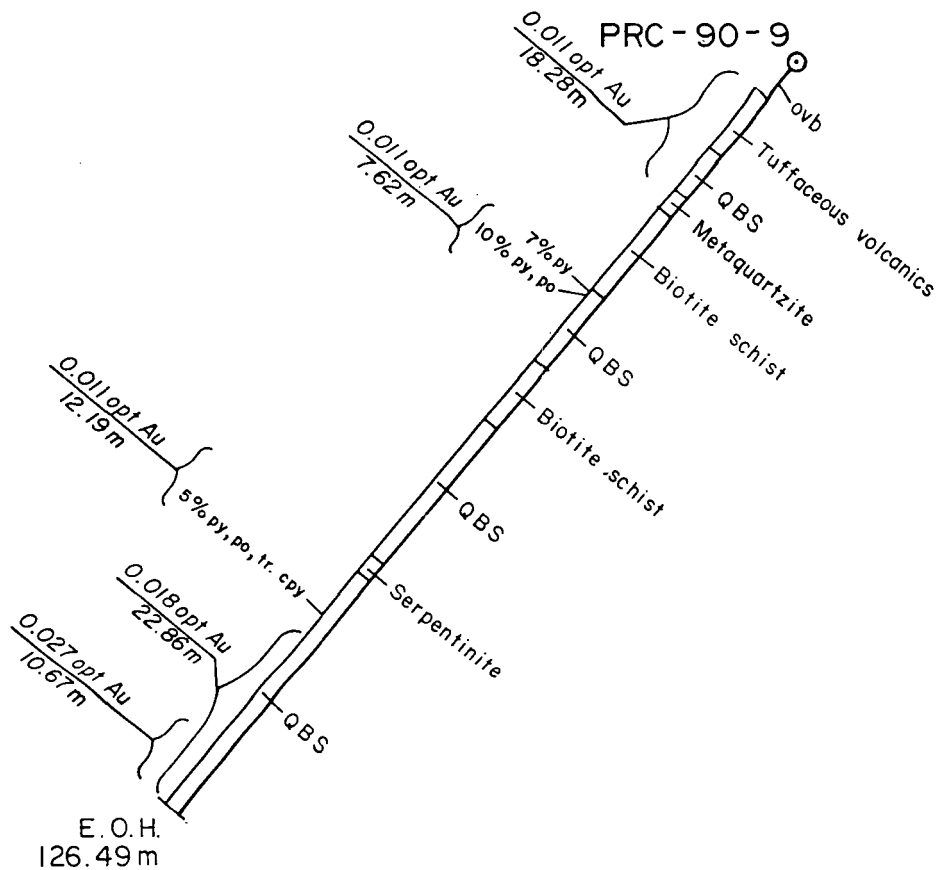


LEGEND

- I.P. anomaly
- ovb overburden
- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- QBS quartz biotite schist

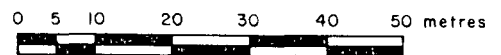


ARMENO RESOURCES INC. / TRANS ATLANTIC RESOURCES INC.		
STANDARD CREEK PROPERTY Lillooet M.D., B.C.		
Reverse Circulation Drill Hole PRC - 90 - 8		
	SCALE: 1 : 1000	N.T.S.: 92 J/10
	DWN. BY:	DATE: Feb. 1990
	CHKD. BY:	PROJECT No: 89 BC 39
		FIGURE No: 13 FILE No:



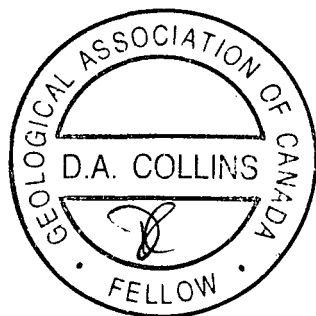
Vertical section along plane of hole

Collar : L. 7+46 E, 6+63 N
 Azimuth : 180°
 Dip : -50°



LEGEND

- I.P. anomaly
- ovb overburden
- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- QBS quartz biotite schist



ARMENO RESOURCES INC. / TRANS ATLANTIC RESOURCES INC.			
STANDARD CREEK PROPERTY Lillooet M.D., B.C.			
Reverse Circulation Drill Hole PRC-90-9			
	SCALE: 1 : 1000	M.T.S.: 92 J/10	FIGURE No: 14
	DWN. BY:	DATE: Feb. 1990	
	CHKD. BY:	PROJECT No: 89 BC 39	FILE No:

average grade of 0.018 opt Au. This contains a 10.67 meter zone which averages 0.027 opt Au. The highest value recorded during the 1990 drilling program was sample 9-30A which assayed at 0.073 opt Au. The gold values are associated with the quartz-biotite-schist units.

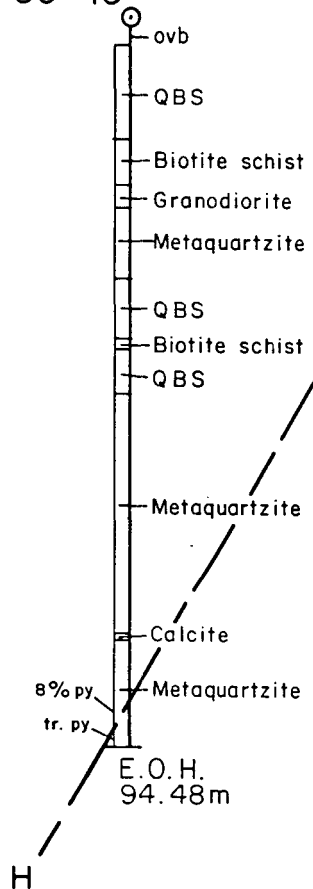
PRC-90-10

The layout for this hole was -90° and it was drilled to a depth of 94.48 m (310') at Grid Ref. L2+00E/9+20N (Figure 5). The target from this layout was anomaly H (Figure 14). This anomaly shows direct correlation with strong IP highs. The hole was collared in quartz-biotite-schist with trace pyrite and pyrrhotite. The remainder of the hole consists predominantly of metaquartzite with one 1.52 meter interval of granodiorite. Gold values were mainly low, however, the initial 27.43 meters contained biotite-schist and granodiorite which yielded values of up to 0.008 opt Au. At a depth of 86.86 meters sample 10-48A of metaquartzite contained up to 8% pyrite. This correlates well with the interpreted position of anomaly H. However, only low gold values were recorded throughout the main portion of the hole. The hole was terminated at a shallower depth than planned due to the intersection of significant amounts of water.

5.0 CONCLUSIONS

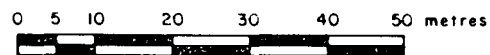
Pursuant to a request by the Directors of Armeno Resources Inc. and Trans Atlantic Resources Inc., a program of Induced Polarization geophysical surveying with follow-up reverse circulation drilling was

PRC-90-10



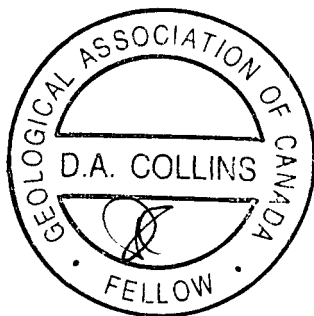
Vertical section along plane of hole

Collar : L. 2+00E, 9+20N
Azimuth : -
Dip : -90°



LEGEND

- I.P. anomaly
- ovb overburden
- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- QBS quartz biotite schist



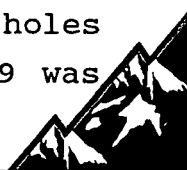
ARMENO RESOURCES INC. / TRANS ATLANTIC RESOURCES INC.		
STANDARD CREEK PROPERTY Lillooet M.D., B.C.		
Reverse Circulation Drill Hole PRC-90-10		
	SCALE: 1:1000	R.T.S.: 92 J/10
	DWN. BY:	DATE: Feb. 1990
	CHKD. BY:	PROJECT No: 89 BC 39
		15
		FILE No:

conducted on the Standard Creek property by Hi-Tec Resource Management Ltd.

Previous diamond drilling programs conducted between 1986 and 1988 had shown two isolated zones of gold mineralization in the Piebiter Creek area. Drilling in 1986 intersected anomalous gold values of up to 0.166 oz/t over 0.2 meters and during the 1987/1988 drilling grades in excess of 0.03 oz/t gold were found in eight of eleven holes drilled. Values of up to 0.17 oz/t gold over 1 meter in a 9 meter intersection averaging 0.065 oz/t were recorded (Carpenter & Haynes, 1988).

A limited, ten hole, reverse circulation drilling program was completed on the property in February 1990. Seven of the reverse circulation holes drilled during the 1990 program were designed to test IP and resistivity targets in the rocks surrounding the anomalous Piebiter zone. Anomalous gold values of up to 0.073 oz/t (sample 9-30A) were predominantly associated with quartz-biotite-schists although in PRC-90-2 values of 0.012 and 0.006 oz/t were recorded from samples of serpentinite collected immediately below a dyke or sill.

The best results were obtained from holes PRC-90-8 and 9. Hole PRC-90-8 tested the down dip extension of a zone of gold mineralization intersected by previously drilled diamond drill holes 86-9 and 87-11. A 14 meter wide zone (uncorrected width) with an average value of 0.017 opt Au was intersected at a depth of 40 meters in this hole. Reverse circulation hole PRC-90-9 was laid out to test for the presence of an along strike extension of gold mineralization intersected by previously drilled, widely spaced, diamond drill holes 86-9 and 86-6. Reverse circulation hole PRC-90-9 was



collared in tuffaceous volcanics and intersected quartz-biotite-schist at 12.19 meters. The average value of the 18.28 meter (uncorrected) interval from 6.10 to 24.38 meters is 0.011 opt Au. This interval contains a 1.52 meter sample which yielded a value of 0.039 opt Au. A number of additional zones of anomalous gold values were intersected in this hole. The average value of the 7.62 meter (uncorrected) interval from 38.10 to 45.72 meters and the 12.19 meter (uncorrected) interval from 86.86 to 100.58 meters is also 0.011 opt Au including two 1.52 meter samples which yielded values of 0.022 and 0.020 opt Au respectively. The best values were recorded from a depth of 103.63 to 126.49 meters. This 22.86 meter (uncorrected) interval has an average grade of 0.018 opt Au. This contains a 10.67 meter zone which averages 0.027 opt Au. The gold values are associated with the quartz-biotite-schist units of the Fergusson Group.

The 1990 drilling program has now shown that mineralization extends for an along strike distance of approximately 600 meters and is open at depth and to the west. The westerly extension is towards the Cadwallader Creek fault zone along which the Pioneer mine and other past producers are situated.

6.0 RECOMMENDATIONS

Armeno Resources Inc. and Trans Atlantic Inc. have collected a vast amount of data on their large Standard Creek area holdings. The work on the property was conducted in the past by various consulting groups on behalf of the owner companies. The vast amount of data relating to this property should be collated and



interpreted prior to additional work being conducted on the ground. This compilation work will aid in the identification of exploration targets similar to those in the Bralorne region.

The 1990 reverse circulation drilling program has confirmed that low grade gold mineralization exists over a 600 meter strike length in the Piebiter Creek area. This zone strikes northwest towards Cadwallader Creek, is steeply dipping and is open along strike and at depth. Additional infill drill testing of this zone would be necessary to define it's geometry and grade characteristics along strike towards Cadwallader Creek and down dip prior to the calculation of any meaningful tonnage figures for the zone.

Respectfully submitted,

HI-TEC RESOURCE MANAGEMENT LTD.

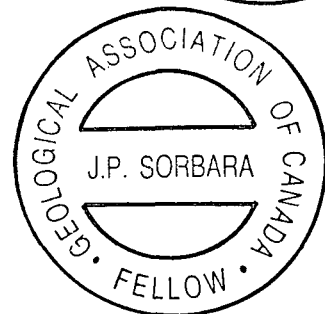
Denis Collins

Denis A. Collins, Ph.D., P.Geol., F.G.A.C.



J. Paul Sorbara

J. Paul Sorbara, M.Sc., F.G.A.C.



March 1990



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Potter, C.J. 1986. Origin, Accretion and Postaccretionary Evolution of the Bridge River Terrane, Southwest British Columbia. Tectonics, v5, p1027-1041.



APPENDIX I
Statements of Qualifications



STATEMENT OF QUALIFICATIONS

I, DENIS A. COLLINS, of the City of Vancouver, Province of British Columbia, hereby certify that:

1. I am a geologist employed by Hi-Tec Resource Management Ltd. at 1500-609 Granville Street, Vancouver, British Columbia, Canada, V7Y 1G5.
2. I obtained a Bachelor of Science degree in Geology from University College Cork, Ireland in 1980 and a Ph.D. in Structural Geology from the same university in 1985.
3. I have been practising my profession as a geologist in Ireland, South Africa and Canada since 1980.
4. I am a Fellow of the Geological Association of Canada.
5. THAT I am a registered Professional Geologist, in good standing, with a license to practice with the Association of Professional Engineers, Geologists and Geophysicists of the North West Territories.
6. 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. THAT I consent to the use of this report in a Prospectus or Statement of Material Facts for the purpose of private or public financing.

Dated in Vancouver, British Columbia, this 9 th day of March, 1990.

Denis Collins

Denis A. Collins, Ph.D., P.Geol, F.G.A.C.



STATEMENT OF QUALIFICATIONS

I, J. PAUL SORBARA, of 6703 Nicholson Road, in the Municipality of Delta, in the Province of British Columbia, hereby certify:

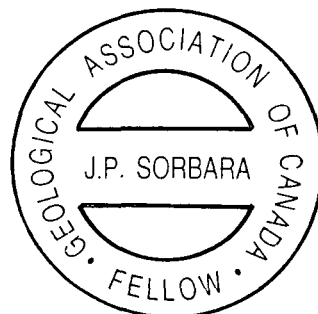
1. THAT I am a geologist residing at 6703 Nicholson Road, in the Municipality of Delta, in the Province of British Columbia.
2. THAT I graduated with a B.Sc. in geology from the University of Toronto, in the City of Toronto, in the Province of Ontario, in 1976, and with an M.Sc. in geology from the University of Toronto in 1979.
3. THAT I have practiced geology professionally from 1979 to 1988, including 5 years as an Exploration Geologist with Cominco Ltd.
4. THAT I am a registered Fellow of the Geological Association of Canada.
5. THAT this report is based upon a thorough review of published and printed reports and maps on the subject property and the surrounding area, as well as a personal examination of the property.
6. THAT I have not received, nor do I expect to receive any direct or indirect interest in the mineral claims which are the subject of this report.
7. THAT I do not have, nor do I expect to receive any direct or indirect interest or securities in Armeno Resources Inc. or in Trans Atlantic Resources Inc.
8. THAT I consent to the use of this report in a Prospectus or Statement of Material Facts for the purpose of a private or public financing.

SIGNED: _____

J. Paul Sorbara

J. PAUL SORBARA, M.Sc., F.G.A.C.

March, 1990



APPENDIX II
Reverse Circulation Drill Logs



HI-TEC RESOURCE MANAGEMENT LTD.

HOLE NUMBER: PRC-90-1 AZIMUTH: 030 LENGTH: 150.26 m CLIENT: ARMENO RESOURCES INC.
 LOCATION: L5+65E/4+35N DIP: -50 PROPERTY: STANDARD CREEK
 DATE COLLARED: January 19, 1990 DATE COMPLETED: January 22, 1990 NUMBER OF SAMPLES: 93

DEPTH (m)		SAMPLE NUMBER	DESCRIPTION
From	To		
0.00	3.05		
3.05	4.57	14701 A	Grey/brown siliceous fine grained, quartz biotite schist
4.57	6.10	14702 A	Grey/brown siliceous fine grained, quartz biotite schist
6.10	7.62	14703 A	Grey/brown siliceous fine grained, quartz biotite schist
7.62	9.14	14704 A	As above with occasional fine green siliceous clasts
9.14	10.67	14705 A	Quartz biotite schist with fine pyrite <5%
10.67	12.19	14706 A	Quartz biotite schist with fine pyrite <5%
12.19	13.72	14707 A	Quartz biotite schist with fine pyrite <5%
13.72	15.24	14708 A	Quartz biotite schist with fine pyrite <5%
15.24	16.76	14709 A	As above with occasional fine green quartzitic clasts
16.76	18.29	14710 A	Quartz biotite schist with fine pyrite & pyrrhotite <5%
18.29	19.81	14711 A	Quartz biotite schist with fine pyrite & pyrrhotite <5%
19.81	21.33	14712 A	Dark brown colour, Increase in biotite content, trace pyrite
21.33	22.86	14713 A	Argillite like unit. Dark grey/black colour. Unmineralized.
22.86	24.38	14714 A	Argillite like unit. Dark grey/black colour. 15% pyrite, 2mm euhedral crystals evident.
24.38	25.91	14715 A	As above
25.91	27.43	14716 A	As above
27.43	28.95	14717 A	Coarse volcaniclastic, no visible mineralization.
28.95	30.48	14718 A	As above with some pale grey/green quartzitic clasts.
30.48	32.00	14719 A	Fine Quartz-biotite-schist. No visible mineralization.
32.00	33.53	14720 A	Quartzitic unit. Minor green serpentite clasts.
33.53	35.05	14721 A	As above with very fine pyrite <5%
35.05	36.57	14722 A	As above
36.57	38.10	14723 A	Pale brown fine grained siliceous unit.
38.10	39.62	14724 A	As above
39.62	41.15	14725 A	Quartz biotite schist with fine pyrite & pyrrhotite <15%
41.15	42.67	14726 A	As above
42.67	44.19	14727 A	As above.
44.19	45.72	14728 A	Quartz biotite schist with quartzitic clasts. Occasional green siliceous clasts. Trace pyrite.
45.72	47.24	14729 A	Quartz biotite schist with some vitrified clasts. Trace pyrite.
47.24	48.77	14730 A	As above with 5% pyrite and pyrrhotite.
48.77	50.29	14731 A	As above
50.29	51.81	14732 A	As above
51.81	53.34	14733 A	As above
53.34	54.86	14734 A	As above
54.86	56.39	14735 A	As above
56.39	57.91	14736 A	As above
57.91	59.43	14737 A	As above
59.43	60.96	14738 A	As above
60.96	62.48	14739 A	As above
62.48	64.00	14740 A	Quartz biotite schist with 5-7% pyrite and pyrrhotite. Occasional green siliceous clasts.
64.00	65.53	14741 A	As above

DEPTH (m)		SAMPLE NUMBER	DESCRIPTION
From	To		
65.53	67.05	14742 A	As above
67.05	68.58	14743 A	Pale green/grey quartzitic unit. Trace pyrite.
68.58	70.10	14744 A	As above
70.10	71.62	14745 A	As above
71.62	73.15	14746 A	As above
73.15	74.67	14747 A	As above
74.67	76.20	14748 A	As above
76.20	77.72	14749 A	As above with trace pyrite and pyrrhotite.
77.72	79.24	14750 A	As above
79.24	80.77	14751 A	As above
80.77	82.29	14752 A	As above
82.29	83.82	14753 A	Slightly Darker green/grey unit with trace pyrite and pyrrhotite.
83.82	85.34	14754 A	Pale green/grey quartzitic unit. Trace pyrite.
85.34	86.86	14755 A	As above
86.86	88.39	14756 A	As above
88.39	89.91	14757 A	As above
89.91	91.44	14758 A	As above
91.44	92.96	14759 A	As above
92.96	94.48	14760 A	As above
94.48	96.01	14761 A	Dark green serpentinite unit. Trace pyrite.
96.01	97.53	14762 A	As above
97.53	99.06	14763 A	As above
99.06	100.58	14764 A	As above
100.58	102.10	14765 A	As above
102.10	103.63	14766 A	As above
103.63	105.15	14767 A	Dark green serpentinite unit with minor coarse biotite. Trace pyrite.
105.15	106.67	14768 A	Dark green serpentinite unit. Trace pyrite.
106.67	108.20	14769 A	As above
108.20	109.72	14770 A	As above
109.72	111.25	14771 A	As above
111.25	112.77	14772 A	As above
112.77	114.29	14773 A	As above
114.29	115.82	14774 A	As above
115.82	117.34	14775 A	As above
117.34	118.87	14776 A	As above
118.87	120.39	14777 A	As above
120.39	121.91	14778 A	Incoming of biotite into the sequence. Green/brown colour, Trace pyrite
121.91	123.44	14779 A	Quartz biotite schist with trace pyrite and pyrrhotite
123.44	124.96	14780 A	As above
124.96	126.49	14781 A	As above
126.49	128.01	14782 A	As above
128.01	129.53	14783 A	As above with 15% pyrite and pyrrhotite.
129.53	131.06	14784 A	As above
131.06	132.58	14785 A	As above with 5% pyrite and pyrrhotite.
132.58	134.11	14786 A	As above
134.11	135.63	14787 A	As above
135.63	137.15	14788 A	As above
137.15	140.20	14789 A	As above
140.20	143.25	14790 A	As above
143.25	146.30	14791 A	As above
146.30	149.34	14792 A	As above
149.34	150.26	14793 A	As above

Hole Number: PRC-90-1

Sample Number	Au oz/T
14742	0
14743	0.004
14744	0.006
14745	0.006
14746	0.008
14747	0.004
14748	0.002
14749	0.002
14750	0.002
14751	0.004
14752	0.004
14753	0.002
14754	0
14755	-0.002
14756	0
14757	0
14758	0.002
14759	0.002
14760	0

HI-TEC RESOURCE MANAGEMENT LTD.

HOLE NUMBER: PRC-90-2 AZIMUTH: 040 LENGTH: 152.39 m CLIENT: ARMENO RESOURCES INC.
 LOCATION: L5+98E/4+15N DIP: -60 PROPERTY: STANDARD CREEK
 DATE COLLARED: January 23, 1990 DATE COMPLETED: January 25, 1990 NUMBER OF SAMPLES: 87

DEPTH (m)		SAMPLE NUMBER	DESCRIPTION
From	To		
0.00	3.05	14794 A	Grey/brown siliceous fine grained, quartz biotite schist, Trace pyrite.
3.05	6.10	14795 A	As above
6.10	9.14	14796 A	As above
9.14	12.19	14797 A	As above
12.19	15.24	14798 A	As above
15.24	18.29	14799 A	As above
18.29	21.33	14800 A	As above
21.33	24.38	14851 A	As above
24.38	27.43	14852 A	As above
27.43	30.48	14853 A	As above
30.48	33.53	14854 A	As above
33.53	36.57	14855 A	Pale brown, quartz-biotite-schist with fine pyrite and pyrrhotite <5%
36.57	39.62	14856 A	As above
39.62	41.15	14857 A	As above
41.15	42.67	14858 A	As above
42.67	44.19	14859 A	As above
44.19	45.72	14860 A	As above
45.72	47.24	14861 A	As above. Incoming of significant water into samples.
47.24	48.77	14862 A	As above with 7% pyrite and pyrrhotite, very fine.
48.77	50.29	14863 A	As above
50.29	51.81	14864 A	As above
51.81	53.34	14865 A	As above
53.34	54.86	14866 A	As above
54.86	56.39	14867 A	As above
56.39	57.91	14868 A	As above
57.91	59.43	14869 A	As above
59.43	60.96	14870 A	As above
60.96	62.48	14871 A	As above
62.48	64.00	14872 A	Dark brown Quartz-biotite-schist, very biotite rich, 5% pyrite & pyrrhotite
64.00	65.53	14873 A	As above
65.53	67.05	14874 A	As above
67.05	68.58	14875 A	Pale very quartzitic unit with minor biotite and trace pyrite
68.58	70.10	14876 A	Dark brown Quartz-biotite-schist, very biotite rich, 5% pyrite & pyrrhotite
70.10	71.62	14877 A	As above
71.62	73.15	14878 A	As above
73.15	74.67	14879 A	As above
74.67	76.20	14880 A	Incoming of dark green serpentinite chips into sequence.
76.20	77.72	14881 A	Dark green/black unit. Possibly mix of serpentinite & ultramafics. Trace pyrite.
77.72	79.24	14882 A	As above
79.24	80.77	14883 A	As above
80.77	82.29	14884 A	As above
82.29	83.82	14885 A	As above
83.82	85.34	14886 A	As above
85.34	86.86	14887 A	As above
86.86	88.39	14888 A	As above

DEPTH (m)		SAMPLE NUMBER		DESCRIPTION
From	To			
88.39	89.91	14889 A		As above
89.91	91.44	14890 A		As above
91.44	92.96	14891 A		As above
92.96	94.48	14892 A		As above
94.48	96.01	14893 A		As above
96.01	97.53	14894 A		As above
97.53	99.06	14895 A		As above
99.06	100.58	14896 A		As above
100.58	102.10	14897 A		As above
102.10	103.63	14898 A		Coarse, siliceous, Dark green/black unit. Possibly ultramafic dyke or sill.
103.63	105.15	14899 A		Dark green/black unit. Possibly mix of serpentinite & ultramafics. Trace pyrite.
105.15	106.67	14900 A		As above
106.67	108.20	14901 A		As above
108.20	109.72	14902 A		As above
109.72	111.25	14903 A		As above
111.25	112.77	14904 A		As above
112.77	114.29	14905 A		As above
114.29	115.82	14906 A		As above
115.82	117.34	14907 A		As above
117.34	118.87	14908 A		As above
118.87	120.39	14909 A		As above
120.39	121.91	14910 A		As above
121.91	123.44	14911 A		As above
123.44	124.96	14912 A		As above
124.96	126.49	14913 A		As above
126.49	128.01	14914 A		As above
128.01	129.53	14915 A		As above
129.53	131.06	14916 A		As above
131.06	132.58	14917 A		As above
132.58	134.11	14918 A		As above
134.11	135.63	14919 A		As above
135.63	137.15	14920 A		As above
137.15	138.68	14921 A		As above
138.68	140.20	14922 A		Dark brown biotite rich, quartz-biotite-schist. <5% pyrite & pyrrhotite
140.20	141.73	14923 A		As above
141.73	143.25	14924 A		As above
143.25	144.77	14925 A		As above
144.77	146.30	14926 A		As above
146.30	147.82	14927 A		As above
147.82	149.34	14928 A		As above
149.34	150.87	14929 A		As above
150.87	152.39	14930 A		As above

Hole Number: PRC-90-2

Sample Number	Au oz/T	Au ppb	Pd ppb	Pt ppb	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Nb ppm	Ni ppm	Pb ppm	Zn ppm
14794	-0.002	0	0	0	2	-0.5	15	58	2.97	210	4	113	15	76
14795	-0.002	0	0	0	3	-0.5	17	60	3.3	295	4	149	15	84
14796	-0.002	0	0	0	4	-0.5	19	61	3.58	250	4	127	20	74
14797	-0.002	0	0	0	5	-0.5	17	63	3.25	275	4	133	5	74
14798	-0.002	0	0	0	17	-0.5	17	57	3.08	285	4	163	50	66
14799	-0.002	0	0	0	14	-0.5	16	59	3.44	285	4	96	30	66
14800	0.004	0	0	0	11	-0.5	18	58	3.91	360	3	135	5	82
14851	0.01	0	0	0	16	-0.5	10	62	4.32	615	4	75	5	100
14852	0.002	0	0	0	9	-0.5	15	36	4.32	495	-1	37	10	84
14853	-0.002	0	0	0	11	-0.5	14	64	3.17	430	4	92	15	66
14854	0.002	0	0	0	7	-0.5	9	37	2.95	460	2	24	25	42
14855	-0.002	0	0	0	16	-0.5	8	45	2.5	365	3	10	15	36
14856	0.008	0	0	0	6	-0.5	8	45	2.71	410	1	8	10	36
14857	-0.002	0	0	0	11	-0.5	8	36	2.76	490	-1	9	10	38
14858	-0.002	0	0	0	19	0.5	8	40	2.52	445	2	8	5	34
14859	-0.002	0	0	0	3	-0.5	9	83	2.92	460	1	7	10	38
14860	-0.002	0	0	0	5	-0.5	9	86	2.66	435	2	7	10	36
14861	-0.002	0	0	0	16	-0.5	10	72	2.88	455	-1	21	15	42
14862	-0.002	0	0	0	3	-0.5	8	29	2.2	340	-1	8	5	30
14863	-0.002	0	0	0	3	-0.5	8	26	2.34	355	2	9	10	30
14864	-0.002	0	0	0	2	-0.5	7	17	2.32	325	-1	7	5	30
14865	-0.002	0	0	0	3	-0.5	7	29	2.33	365	-1	7	5	30
14866	-0.002	0	0	0	3	-0.5	8	49	2.89	475	2	7	-5	36
14867	0.006	0	0	0	5	-0.5	7	49	2.39	400	2	9	5	30
14868	0.002	0	0	0	3	-0.5	7	66	2.71	440	4	6	-5	32
14869	0.002	0	0	0	2	-0.5	9	101	2.92	395	3	29	-5	38
14870	-0.002	0	0	0	2	-0.5	15	121	2.89	285	8	132	-5	44
14871	0.004	0	0	0	2	-0.5	9	114	2.98	365	2	27	5	36
14872	-0.002	0	0	0	1	-0.5	22	71	3.21	215	3	220	-5	54
14873	-0.002	0	0	0	3	-0.5	25	149	3.58	245	9	196	-5	50
14874	-0.002	0	0	0	2	-0.5	15	85	2.81	225	10	103	-5	42
14875	-0.002	0	0	0	2	-0.5	5	48	1.27	110	4	31	15	20
14876	-0.002	0	0	0	1	-0.5	32	209	4.64	255	12	95	-5	62
14877	-0.002	0	0	0	2	-0.5	14	88	2.51	255	7	100	5	44
14878	-0.002	0	0	0	1	-0.5	22	119	2.85	185	9	203	5	36
14879	-0.002	0	0	0	4	-0.5	25	197	2.66	130	17	293	60	26
14880	-0.002	12	4	-5	39	-0.5	42	100	2.97	285	12	966	-5	20
14881	-0.002	16	6	15	60	-0.5	61	64	4.2	505	10	1783	-5	24
14882	-0.002	18	8	10	60	-0.5	64	35	4.38	545	48	1728	-5	28
14883	-0.002	14	8	10	35	-0.5	53	22	4.37	545	1	1713	-5	26
14884	-0.002	70	8	10	240	-0.5	50	13	3.68	665	3	1830	-5	30
14885	-0.002	56	6	10	170	-0.5	52	11	3.89	575	45	1721	-5	32
14886	-0.002	40	8	10	100	-0.5	54	14	4.13	640	4	1735	-5	30
14887	-0.002	14	6	5	50	-0.5	52	11	4.04	640	2	1708	-5	28
14888	-0.002	26	6	5	70	-0.5	53	6	4.08	650	-1	1727	-5	28
14889	-0.002	10	6	10	23	-0.5	56	8	4.11	565	1	1829	-5	26
14890	-0.002	10	6	-5	20	-0.5	46	9	4.31	515	1	1721	-5	22
14891	-0.002	16	6	-5	57	-0.5	48	15	4.26	575	-1	1730	-5	24
14892	-0.002	16	6	-5	41	-0.5	46	17	4.11	515	-1	1625	-5	26
14893	-0.002	30	8	-5	90	-0.5	49	18	4.37	610	1	1752	-5	30
14894	-0.002	12	8	-5	48	-0.5	48	32	4.2	510	-1	1699	-5	24

14895	0.004	44	6	-5	160	-0.5	47	9	4.22	615	-1	1671	-5	28
14896	0.004	74	8	10	220	-0.5	46	5	4.16	535	-1	1563	-5	30
14897	0.002	86	8	-5	300	-0.5	45	4	3.84	475	-1	1515	-5	26
14898	0.002	98	8	-5	340	-0.5	45	4	4.15	540	-1	1668	-5	30
14899	0.012	86	6	-5	290	-0.5	40	4	3.81	505	-1	1485	-5	28
14900	0.006	76	6	-5	300	-0.5	42	5	3.95	650	-1	1533	-5	26
14901	0.006	250	4	-5	910	-0.5	42	3	4.07	735	-1	1709	-5	26
14902	0.004	92	4	-5	330	-0.5	32	15	3.25	445	-1	1153	-5	22
14903	-0.002	68	6	10	250	-0.5	46	2	4.35	640	-1	1632	-5	30
14904	-0.002	88	6	15	290	-0.5	42	2	4.02	510	-1	1557	-5	26
14905	0.002	74	8	15	230	-0.5	47	3	4.55	640	-1	1676	-5	32
14906	-0.002	80	6	10	290	-0.5	55	5	5.13	870	-1	1871	-5	36
14907	-0.002	72	6	-5	240	-0.5	48	4	4.37	745	-1	1635	-5	28
14908	-0.002	84	8	-5	260	-0.5	43	2	3.99	600	-1	1598	-5	22
14909	-0.002	88	10	15	330	-0.5	42	2	4.01	530	-1	1568	-5	22
14910	-0.002	74	8	15	250	-0.5	45	1	3.97	590	-1	1595	-5	22
14911	-0.002	80	8	-5	240	-0.5	50	1	4.22	645	-1	1677	-5	22
14912	-0.002	80	8	-5	230	-0.5	45	2	3.98	520	-1	1545	-5	20
14913	-0.002	44	8	10	120	-0.5	44	1	3.93	530	-1	1537	-5	20
14914	-0.002	50	6	10	170	-0.5	42	2	4.08	545	-1	1672	-5	20
14915	-0.002	80	6	15	420	-0.5	50	3	4.59	600	-1	1817	-5	18
14916	-0.002	88	6	10	320	-0.5	48	4	4.07	550	-1	1741	-5	20
14917	-0.002	56	4	10	230	-0.5	33	-1	3.04	395	-1	1023	-5	12
14918	-0.002	32	6	-5	100	-0.5	46	4	4.06	555	-1	1504	-5	32
14919	-0.002	34	6	15	110	-0.5	48	2	4.59	605	-1	1605	-5	34
14920	-0.002	36	8	10	100	-0.5	50	4	4.56	625	-1	1535	-5	34
14921	-0.002	92	6	10	340	-0.5	43	14	4.01	590	1	1376	-5	48
14922	-0.002	0	0	0	9	-0.5	13	59	3.02	385	4	119	-5	66
14923	-0.002	0	0	0	4	-0.5	9	50	2.35	350	2	68	-5	58
14924	-0.002	0	0	0	23	-0.5	14	48	2.92	435	4	101	-5	78
14925	-0.002	0	0	0	3	-0.5	10	48	2.42	440	12	65	-5	68
14926	-0.002	0	0	0	5	-0.5	8	46	2.12	345	4	50	-5	64
14927	-0.002	0	0	0	2	-0.5	9	54	2.65	360	2	48	-5	98
14928	-0.002	0	0	0	14	-0.5	16	53	2.66	305	6	106	-5	80
14929	-0.002	0	0	0	3	-0.5	59	48	3.68	440	4	50	-5	96
14930	-0.002	0	0	0	4	-0.5	20	42	2.63	220	1	111	-5	60

HI-TEC RESOURCE MANAGEMENT LTD.

HOLE NUMBER: PRC-90-3 AZIMUTH: 032 LENGTH: 152.39 m CLIENT: ARMEND RESOURCES INC.
 LOCATION: L4+95E/4+50N DIP: -60 PROPERTY: STANDARD CREEK
 DATE COLLARED: January 25, 1990 DATE COMPLETED: January 28, 1990 NUMBER OF SAMPLES: 74

DEPTH (m)		SAMPLE NUMBER	DESCRIPTION
From	To		
0.00	3.05	14931 A	Pale brown, quartz-biotite-schist with trace fine pyrite
3.05	6.10	14932 A	As above
6.10	9.14	14933 A	As above
9.14	12.19	14934 A	As above
12.19	15.24	14935 A	As above
15.24	18.29	14936 A	As above
18.29	21.33	14937 A	As above
21.33	24.38	14938 A	As above
24.38	27.43	14939 A	As above
27.43	30.48	14940 A	As above
30.48	33.53	14941 A	As above
33.53	36.57	14942 A	Pale brown, quartz-biotite-schist with fine pyrite and pyrrhotite <5%
36.57	39.62	14943 A	As above
39.62	42.67	14944 A	Pale brown, quartz-biotite-schist with fine pyrite and pyrrhotite <5% trace chalcopyrite evident.
42.67	45.72	14945 A	As above (incoming of water into hole).
45.72	48.77	14946 A	As above with coarse pale grey/green siliceous chips
48.77	51.81	14947 A	As above with trace pyrite.
51.81	54.86	14948 A	As above
54.86	57.91	14949 A	As above
57.91	60.96	14950 A	As above
60.96	64.00	45201 A	Quartz rich quartz-biotite-schist, trace pyrite <2%
64.00	67.05	45202 A	As above
67.05	70.10	45203 A	As above
70.10	73.15	45204 A	As above
73.15	76.20	45205 A	As above
76.20	79.24	45206 A	As above but may be quartz veining present-pale quartz chips
79.24	80.77	45207 A	As above with minor green siliceous chips. No pyrite evident.
80.77	82.29	45208 A	Paler grey/brown colour. Trace pyrite evident.
82.29	83.82	45209 A	As above
83.82	85.34	45210 A	As above
85.34	86.86	45211 A	As above
86.86	88.39	45212 A	As above
88.39	89.91	45213 A	As above
89.91	91.44	45214 A	As above
91.44	92.96	45215 A	As above
92.96	94.48	45216 A	As above
94.48	96.01	45217 A	Green siliceous unit with minor black chips. Trace pyrite. Dyke or sill?
96.01	97.53	45218 A	Siliceous pale brown quartz-biotite-schist. Trace pyrite.
97.53	99.06	45219 A	As above
99.06	100.58	45220 A	Coarse siliceous unit. Trace pyrite. Quartz-biotite-schist type unit.
100.58	102.10	45221 A	Green/black serpentinite unit. Soft green chips and siliceous black fine grained chips possibly interbanded?
102.10	103.63	45222 A	As above
103.63	105.15	45223 A	As above with trace pyrite.

DEPTH (m)		SAMPLE NUMBER	DESCRIPTION
From	To		
105.15	106.67	45224 A	Darker green serpentinite unit with trace pyrite.
106.67	108.20	45225 A	As above
108.20	109.72	45226 A	Pale green serpentinite unit-talc rich. Abundant white talc chips.
109.72	111.25	45227 A	Green/black serpentinite unit. Soft green chips and siliceous black fine grained chips possibly interbanded?
111.25	112.77	45228 A	Pale brown Siliceous unit. Rare biotite, trace pyrite.
112.77	114.29	45229 A	As above
114.29	115.82	45230 A	Dark brown biotite rich quartz-biotite-schist. Trace pyrite.
115.82	117.34	45231 A	As above
117.34	118.87	45232 A	As above
118.87	120.39	45233 A	As above
120.39	121.91	45234 A	As above
121.91	123.44	45235 A	As above
123.44	124.96	45236 A	As above
124.96	126.49	45237 A	As above
126.49	128.01	45238 A	As above
128.01	129.53	45239 A	As above
129.53	131.06	45240 A	As above with trace pyrite and pyrrhotite evident.
131.06	132.58	45241 A	As above
132.58	134.11	45242 A	As above
134.11	135.63	45243 A	As above
135.63	137.15	45244 A	As above
137.15	138.68	45245 A	As above
138.68	140.20	45246 A	Paler brown quartz-biotite-schist. More siliceous than above, 5% pyrite.
140.20	141.73	45247 A	As above
141.73	143.25	45248 A	As above
143.25	144.77	45249 A	As above
144.77	146.30	45250 A	As above with trace pyrite.
146.30	147.82	45351 A	Incoming of green siliceous chips.
147.82	149.34	45352 A	Pale green serpentinite unit. Siliceous green clasts and soft white talc chips.
149.34	150.87	45353 A	As above with fine grained siliceous black chips. Possibly interbanded unit.
150.87	152.39	45354 A	As above.

Hole Number: PRC-90-3

Sample Number	Au oz/T	Au ppb	Pd ppb	Pt ppb	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm
14931	-0.002	0	0	0	4	-0.5	15	54	2.67	200	4	123	20	82
14932	-0.002	0	0	0	27	-0.5	14	74	3.38	460	5	116	30	176
14933	-0.002	0	0	0	15	-0.5	17	77	3.52	330	5	139	5	78
14934	-0.002	0	0	0	39	-0.5	14	55	3.02	275	3	120	5	66
14935	0.004	0	0	0	140	-0.5	13	53	3.29	385	4	117	10	72
14936	-0.002	0	0	0	50	-0.5	14	60	3.33	345	5	112	15	82
14937	-0.002	0	0	0	5	-0.5	14	63	3.19	320	5	109	15	72
14938	-0.002	0	0	0	90	-0.5	13	56	3.44	405	4	111	15	80
14939	-0.002	0	0	0	16	-0.5	13	62	4.29	410	4	86	10	92
14940	-0.002	0	0	0	22	-0.5	12	62	3.54	345	5	96	10	62
14941	-0.002	0	0	0	30	-0.5	14	52	2.78	260	3	111	10	58
14942	-0.002	0	0	0	16	-0.5	15	62	2.69	215	4	130	5	64
14943	-0.002	0	0	0	22	-0.5	14	52	3.03	255	3	104	5	64
14944	-0.002	0	0	0	150	-0.5	13	70	3.22	350	6	81	15	80
14945	0.002	0	0	0	250	-0.5	16	75	2.99	270	3	109	5	54
14946	0.002	0	0	0	250	-0.5	14	59	2.17	190	4	95	-5	42
14947	-0.002	0	0	0	27	-0.5	12	47	2.29	230	3	85	5	36
14948	-0.002	0	0	0	16	-0.5	17	51	2.19	175	4	142	5	40
14949	-0.002	0	0	0	29	-0.5	15	54	2.63	260	3	107	-5	52
14950	-0.002	0	0	0	16	-0.5	14	51	2.61	250	4	114	-5	58
45201	-0.002	0	0	0	14	-0.5	16	62	2.82	250	4	118	5	60
45202	-0.002	0	0	0	3	-0.5	14	59	2.77	200	5	92	-5	50
45203	-0.002	0	0	0	16	-0.5	14	76	3.31	385	9	110	-5	82
45204	-0.002	0	0	0	2	-0.5	9	31	2.73	320	1	9	5	44
45205	-0.002	0	0	0	3	-0.5	8	49	2.93	330	1	9	-5	40
45206	-0.002	0	0	0	5	-0.5	14	70	2.58	190	4	92	-5	40
45207	-0.002	0	0	0	2	-0.5	12	82	3.59	360	8	9	-5	52
45208	-0.002	0	0	0	4	-0.5	14	50	2.68	190	2	19	-5	42
45209	-0.002	0	0	0	2	-0.5	16	77	2.69	190	5	110	-5	52
45210	-0.002	0	0	0	9	-0.5	18	95	3.83	365	4	133	5	72
45211	-0.002	0	0	0	2	-0.5	22	59	2.86	225	4	140	-5	60
45212	-0.002	0	0	0	2	-0.5	17	78	3.16	320	5	94	-5	64
45213	-0.002	0	0	0	12	-0.5	17	74	2.84	255	6	125	-5	60
45214	-0.002	0	0	0	15	-0.5	17	73	2.91	250	5	154	-5	60
45215	-0.002	0	0	0	3	-0.5	21	53	1.72	120	2	42	5	16
45216	-0.002	0	0	0	17	-0.5	17	64	1.3	135	4	96	10	10
45217	0.002	110	6	-5	550	-0.5	41	28	2.09	410	1	1029	-5	18
45218	0.002	30	-2	-5	130	-0.5	18	50	2.59	260	3	255	-5	38
45219	-0.002	8	-2	-5	24	-0.5	52	69	3.37	210	4	220	-5	42
45220	0.002	68	4	-5	290	-0.5	39	59	3.16	310	1	666	-5	32
45221	0.002	98	8	5	360	-0.5	68	8	3.81	465	1	1417	-5	30
45222	0.002	120	6	-5	470	-0.5	75	6	4.21	560	1	1519	-5	34
45223	0.008	350	-2	-5	1500	-0.5	76	5	4.33	675	1	1924	-5	38
45224	0.004	170	4	-5	640	-0.5	72	5	4.13	630	1	1564	-5	34
45225	0.008	290	-2	-5	1100	-0.5	69	3	3.95	665	1	1789	-5	38
45226	0.006	180	-2	-5	800	-0.5	46	4	2.83	525	2	1223	-5	24
45227	-0.004	180	6	-5	780	-0.5	51	4	3.16	540	1	1215	5	26
45228	-0.002	6	-2	-5	14	-0.5	12	36	2.31	370	1	64	5	34
45229	-0.002	-2	-2	-5	4	-0.5	7	72	1.58	285	-1	36	-5	22
45230	-0.002	0	0	0	5	-0.5	14	92	2.22	220	1	56	-5	28
45231	-0.002	0	0	0	3	-0.5	14	56	2.53	390	-1	64	5	42

45232	-0.002	0	0	0	19	-0.5	15	33	2.2	365	-1	98	5	32
45233	-0.002	0	0	0	2	-0.5	13	39	2.46	465	-1	42	5	34
45234	-0.002	0	0	0	6	-0.5	17	80	3.41	490	2	87	5	42
45235	-0.002	0	0	0	1	-0.5	15	60	2.6	350	1	87	5	32
45236	-0.002	0	0	0	1	-0.5	17	34	1.87	175	-1	94	5	24
45237	-0.002	0	0	0	2	-0.5	17	21	2.1	175	1	106	-5	28
45238	0.004	74	8	10	220	-0.5	46	5	4.16	535	-1	1563	-5	30
45239	-0.002	0	0	0	3	-0.5	18	29	2.15	225	1	138	5	28
45240	-0.002	0	0	0	2	-0.5	12	44	2.05	220	1	43	-5	28
45241	-0.002	0	0	0	1	-0.5	12	47	2.49	280	1	34	-5	34
45242	-0.002	0	0	0	1	-0.5	14	36	2.34	230	1	67	-5	32
45243	-0.002	0	0	0	1	-0.5	12	52	2.51	235	1	28	-5	36
45244	-0.002	0	0	0	2	-0.5	11	31	2.38	255	1	28	-5	40
45245	-0.002	0	0	0	4	-0.5	12	100	3.68	990	1	57	10	52
45246	-0.002	0	0	0	2	-0.5	9	89	2.72	735	1	39	5	40
45247	-0.002	0	0	0	1	-0.5	17	43	2.75	420	1	50	-5	36
45248	-0.002	0	0	0	2	-0.5	16	117	2.74	295	1	79	5	34
45249	-0.002	0	0	0	2	-0.5	17	30	1.86	180	1	110	5	22
45250	-0.002	0	0	0	1	-0.5	17	21	2.05	170	2	111	10	24
45351	0.002	62	4	-5	270	-0.5	46	11	3.11	365	17	888	-5	34
45352	0.002	80	6	15	360	-0.5	71	6	3.68	455	1	1594	-5	36
45353	-0.002	86	4	5	370	-0.5	74	4	3.89	490	1	1573	-5	34
45354	-0.002	56	8	10	320	-0.5	70	5	3.91	495	1	1420	-5	32

HI-TEC RESOURCE MANAGEMENT LTD.

HOLE NUMBER: PRC-90-4 AZIMUTH: 360 LENGTH: 144.16 m CLIENT: ARMEND RESOURCES INC.
 LOCATION: L8+20E/1+60N DIP: -75 PROPERTY: STANDARD CREEK
 DATE COLLARED: January 28, 1990 DATE COMPLETED: January 31, 1990 NUMBER OF SAMPLES: 88

DEPTH (m)		SAMPLE NUMBER	DESCRIPTION
From	To		
0.00	9.14		Overburden
9.14	12.19	45355 A	Yellow/brown tuffaceous fine grained volcanics
12.19	13.72	45356 A	As above
13.72	15.24	45357 A	As above
15.24	16.76	45358 A	As above
16.76	18.29	45359 A	As above
18.29	19.81	45360 A	As above
19.81	21.33	45361 A	Dark yellow/brown volcanoclastics
21.33	22.86	45362 A	As above
22.86	24.38	45363 A	As above
24.38	25.91	45364 A	As above
25.91	27.43	45365 A	As above
27.43	28.95	45366 A	As above
28.95	30.48	45367 A	As above
30.48	32.00	45368 A	As above
32.00	33.53	45369 A	As above
33.53	35.05	45370 A	Dark yellow/brown volcanoclastics with black siliceous fine grained clasts
35.05	36.57	45371 A	As above
36.57	38.10	45372 A	As above
38.10	39.62	45373 A	Dark grey/black siliceous unit. Possibly ultra mafic horizon
39.62	41.15	45374 A	As above with trace fine disseminated pyrite in places
41.15	42.67	45375 A	As above
42.67	44.19	45376 A	Dark grey/brown unit. Minor quartz veining present in sample
44.19	45.72	45377 A	As above. Siliceous volcanic unit.
45.72	47.24	45378 A	As above
47.24	48.77	45379 A	As above
48.77	50.29	45380 A	As above
50.29	51.81	45381 A	Grey volcanic unit with occasional black fine grained clasts.
51.81	53.34	45382 A	As above
53.34	54.86	45383 A	As above
54.86	56.39	45384 A	Grey/brown volcanoclastic unit.
56.39	57.91	45385 A	Grey/brown volcanoclastic unit.
57.91	59.43	45386 A	Grey volcanic unit with occasional black fine grained clasts.
59.43	60.96	45387 A	As above
60.96	62.48	45388 A	As above
62.48	64.00	45389 A	Dark grey/black very siliceous fine grained unit. Ultramafic. Trace pyrite.
64.00	65.53	45390 A	As above
65.53	67.05	45391 A	As above
67.05	68.58	45392 A	As above
68.58	70.10	45393 A	As above
70.10	71.62	45394 A	As above
71.62	73.15	45395 A	As above
73.15	74.67	45396 A	As above
74.67	76.20	45397 A	Yellow/brown fine grained tuffaceous volcanics
76.20	77.72	45398 A	As above

DEPTH (m)		SAMPLE NUMBER	DESCRIPTION
From	To		
77.72	79.24	45399 A	Dark grey/black very siliceous fine grained unit. Ultramafic.Trace pyrite.
79.24	80.77	45400 A	As above
80.77	82.29	45401 A	As above
82.29	83.82	45402 A	As above
83.82	85.34	45403 A	Dark grey/brown fine grained unit. Volcanics.
85.34	86.86	45404 A	Dark grey/black very siliceous fine grained unit. Ultramafic.Trace pyrite.
86.86	88.39	45405 A	As above
88.39	89.91	45406 A	As above
89.91	91.44	45407 A	As above
91.44	92.96	45408 A	Dark grey/brown siliceous fine grained unit. Ultramafic. Water in hole.
92.96	94.48	45409 A	As above
94.48	96.01	45410 A	As above
96.01	97.53	45411 A	Dark grey schistose unit. Minor biotite.
97.53	99.06	45412 A	As above
99.06	100.58	45413 A	As above
100.58	102.10	45414 A	As above
102.10	103.63	45415 A	As above
103.63	105.15	45416 A	Quartz-biotite-schist with trace pyrite.
105.15	106.67	45417 A	Dark grey Quartz-biotite-schist with trace pyrite.
106.67	108.20	45418 A	As above
108.20	109.72	45419 A	Granodiorite unit.
109.72	111.25	45420 A	As above
111.25	112.77	45421 A	Dark grey/black siliceous ultramafic. Trace disseminated pyrite.
112.77	114.29	45422 A	As above
114.29	115.82	45423 A	As above
115.82	117.34	45424 A	As above with incoming of green serpentinite clasts.
117.34	118.87	45425 A	Talc rich pale green serpentinite. Trace pyrite.
118.87	120.39	45426 A	As above. White talc chips abundant.
120.39	121.91	45427 A	As above
121.91	123.44	45428 A	As above
123.44	124.96	45429 A	As above but darker green colour. Not as talc rich.
124.96	126.49	45430 A	As above with trace pyrite.
126.49	128.01	45431 A	As above.
128.01	129.53	45432 A	As above.
129.53	131.06	45433 A	As above.
131.06	132.58	45434 A	As above.
132.58	134.11	45435 A	As above.
134.11	135.63	45436 A	As above with trace pyrite.
135.63	137.15	45437 A	As above.
137.15	138.68	45438 A	Very dark green serpentinite. Siliceous in places.
138.68	140.20	45439 A	Dark green talcose serpentinite unit.
140.20	141.73	45440 A	As above
141.73	143.25	45441 A	As above with some quartz chips-possibly veining.
143.25	144.16	45442 A	As above.

Hole Number: PRC-90-4

Sample Number	Au oz/T	Au ppb	Pd ppb	Pt ppb	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm
45355	-0.002	0	0	0	9	-0.5	5	53	2.66	450	3	36	5	70
45356	-0.002	0	0	0	14	-0.5	8	49	2.55	485	2	46	5	74
45357	-0.002	0	0	0	15	-0.5	16	52	3.64	355	2	104	10	88
45358	-0.002	0	0	0	60	-0.5	11	69	2.81	490	3	86	5	90
45359	-0.002	0	0	0	90	0.5	16	74	2.97	540	3	136	10	94
45360	-0.002	0	0	0	50	-0.5	18	50	2.57	500	3	194	10	60
45361	-0.002	0	0	0	35	-0.5	20	46	1.94	425	3	314	5	42
45362	-0.002	0	0	0	320	-0.5	28	57	2.37	1985	3	194	15	90
45363	-0.002	0	0	0	350	-0.5	21	69	2.9	960	4	146	10	114
45364	-0.002	0	0	0	60	-0.5	10	37	2.22	485	2	68	10	76
45365	-0.002	0	0	0	430	-0.5	9	78	2.42	390	5	60	15	110
45366	-0.002	0	0	0	200	-0.5	12	73	2.44	575	4	64	10	134
45367	-0.002	0	0	0	250	-0.5	16	78	2.71	900	4	68	10	142
45368	-0.002	0	0	0	700	-0.5	5	105	2.21	150	7	33	10	94
45369	0.004	0	0	0	1300	0.5	5	60	1.78	160	7	20	5	52
45370	-0.002	0	0	0	650	0.5	7	71	2.09	475	4	30	5	70
45371	-0.002	0	0	0	750	0.5	8	83	2.36	450	6	40	10	86
45372	0.004	0	0	0	1900	0.5	1	35	2.48	110	10	16	10	46
45373	-0.002	0	0	0	540	0.5	5	44	3.06	235	18	26	10	96
45374	-0.002	0	0	0	40	-0.5	7	61	2.19	505	6	34	10	90
45375	-0.002	0	0	0	50	-0.5	11	61	2.91	555	5	87	5	102
45376	-0.002	0	0	0	17	-0.5	8	73	2.52	340	6	52	5	102
45377	-0.002	0	0	0	43	-0.5	5	63	2.06	220	3	33	5	72
45378	-0.002	0	0	0	9	-0.5	4	49	2.08	240	2	26	-5	66
45379	-0.002	0	0	0	29	-0.5	5	52	2.01	300	3	32	10	76
45380	-0.002	0	0	0	50	-0.5	7	61	2.08	335	4	28	20	62
45381	-0.002	0	0	0	50	-0.5	8	71	2.48	460	12	37	10	112
45382	-0.002	0	0	0	51	-0.5	7	55	2.16	410	6	27	15	76
45383	-0.002	0	0	0	46	-0.5	5	56	1.74	510	5	40	20	68
45384	-0.002	0	0	0	50	-0.5	7	73	2.48	360	14	41	10	86
45385	-0.002	0	0	0	35	-0.5	9	90	2.99	380	12	43	10	106
45386	-0.002	0	0	0	45	-0.5	11	77	2.98	560	8	82	15	102
45387	-0.002	0	0	0	35	-0.5	10	63	2.41	370	6	77	15	78
45388	-0.002	0	0	0	43	-0.5	12	58	2.01	275	5	134	20	54
45389	-0.002	0	0	0	39	-0.5	19	53	1.92	405	5	66	15	58
45390	-0.002	0	0	0	55	-0.5	14	70	3.05	365	6	82	10	92
45391	-0.002	0	0	0	33	-0.5	11	82	2.65	305	12	63	10	100
45392	-0.002	0	0	0	38	-0.5	11	101	2.8	435	6	82	35	88
45393	-0.002	0	0	0	43	-0.5	15	79	3.44	485	10	130	10	122
45394	-0.002	0	0	0	12	-0.5	11	56	2.58	515	5	94	-5	76
45395	-0.002	0	0	0	7	-0.5	9	72	2.43	370	5	56	5	88
45396	-0.002	0	0	0	11	-0.5	8	74	1.98	320	7	61	5	68
45397	-0.002	0	0	0	22	-0.5	17	54	3.23	355	3	79	15	90
45398	-0.002	0	0	0	6	-0.5	7	57	2.06	460	3	31	5	70
45399	-0.002	4	2	-5	2	-0.5	5	55	1.77	330	3	23	-5	54
45400	-0.002	10	-2	5	53	-0.5	18	71	3.57	340	6	130	5	100
45401	-0.002	4	-2	-5	9	-0.5	22	61	3.27	180	1	67	-5	64
45402	-0.002	4	-2	-5	15	-0.5	20	50	3.29	250	2	93	5	72
45403	-0.002	6	4	-5	1	-0.5	8	75	2.02	325	5	30	-5	60
45404	-0.002	4	4	5	7	-0.5	15	54	3.26	360	5	57	5	72

45405	-0.002	4	-2	-5	5	-0.5	11	51	3.48	525	2	41	-5	78
45406	-0.002	6	4	-5	2	-0.5	11	48	3.33	670	1	27	-5	78
45407	-0.002	4	2	-5	2	-0.5	9	77	2.4	500	5	29	5	84
45408	-0.002	6	4	-5	10	-0.5	10	78	2.42	370	4	52	5	78
45409	-0.002	6	4	-5	5	-0.5	7	77	2.5	405	13	36	5	108
45410	-0.002	6	2	-5	16	-0.5	6	60	2.32	435	5	31	10	92
45411	-0.002	0	0	0	32	-0.5	17	56	2.69	360	4	191	5	78
45412	-0.002	0	0	0	15	-0.5	11	48	2.44	330	3	88	5	62
45413	-0.002	0	0	0	17	-0.5	16	54	3.14	440	3	149	10	90
45414	-0.002	0	0	0	35	-0.5	13	38	1.76	195	3	161	5	42
45415	-0.002	0	0	0	22	-0.5	15	51	2.49	400	2	122	5	70
45416	-0.002	0	0	0	19	-0.5	19	75	4	545	2	150	5	92
45417	-0.002	0	0	0	11	-0.5	12	52	2.38	395	2	88	5	64
45418	-0.002	0	0	0	16	-0.5	9	53	2.14	365	4	65	-5	58
45419	-0.002	0	0	0	6	-0.5	6	9	1.62	225	1	26	-5	26
45420	-0.002	0	0	0	6	-0.5	5	73	1.53	230	4	29	-5	40
45421	-0.002	0	0	0	12	-0.5	12	48	1.58	185	7	135	5	40
45422	-0.002	0	0	0	12	-0.5	11	61	2.07	220	18	116	5	78
45423	-0.002	0	0	0	15	-0.5	8	54	1.94	220	8	84	5	60
45424	-0.002	0	0	0	150	-0.5	27	14	2.08	320	2	567	-5	34
45425	-0.002	0	0	0	150	-0.5	46	7	2.9	465	1	892	-5	28
45426	-0.002	0	0	0	230	-0.5	65	6	3.82	540	1	1277	-5	32
45427	-0.002	0	0	0	170	-0.5	69	3	3.97	505	1	1408	-5	28
45428	-0.002	0	0	0	140	-0.5	69	3	3.94	515	2	1405	-5	30
45429	-0.002	0	0	0	140	-0.5	68	5	4.03	640	1	1297	-5	28
45430	-0.002	0	0	0	210	-0.5	74	4	4.23	585	3	1530	-5	32
45431	-0.002	0	0	0	110	-0.5	70	3	3.93	525	1	1368	-5	30
45432	-0.002	0	0	0	100	-0.5	69	4	3.81	485	1	1414	-5	28
45433	-0.002	0	0	0	110	-0.5	70	4	4.06	540	2	1387	-5	30
45434	-0.002	0	0	0	100	-0.5	65	10	3.75	545	2	1267	-5	28
45435	-0.002	0	0	0	50	-0.5	69	3	3.91	505	2	1343	-5	30
45436	-0.002	0	0	0	100	-0.5	63	5	3.52	460	1	1329	-5	28
45437	-0.002	0	0	0	110	0.5	67	5	3.54	445	1	1446	-5	28
45438	-0.002	0	0	0	90	1.5	65	5	3.47	455	4	1282	-5	38
45439	0.006	0	0	0	760	-0.5	43	2	2.26	310	1	1192	-5	18
45440	0.005	0	0	0	490	-0.5	45	34	2.49	355	1	1186	-5	16
45441	-0.002	0	0	0	11	-0.5	10	58	1.6	185	1	46	5	18
45442	-0.002	0	0	0	33	-0.5	12	63	2.19	260	1	82	5	26

HI-TEC RESOURCE MANAGEMENT LTD.

HOLE NUMBER: PRC-90-5 AZIMUTH: 040 LENGTH: 128.01 m CLIENT: ARMENO RESOURCES INC.
 LOCATION: L8+00E/2+35N DIP: -60 PROPERTY: STANDARD CREEK
 DATE COLLARED: January 31, 1990 DATE COMPLETED: February 2, 1990 NUMBER OF SAMPLES: 72

DEPTH (m)		SAMPLE NUMBER	DESCRIPTION
From	To		
0.00	3.05	45443 A	Yellow/brown slightly siliceous volcanoclastics
3.05	6.10	45444 A	As above
6.10	9.14	45445 A	As above
9.14	12.19	45446 A	As above
12.19	15.24	45447 A	As above
15.24	18.29	45448 A	As above
18.29	21.33	45449 A	As above
21.33	24.38	45450 A	As above with siliceous brown quartzite clasts
24.38	27.43	45451 A	As above
27.43	30.48	45452 A	As above
30.48	33.53	45453 A	Abundant black siliceous clasts in a volcanoclastic unit.
33.53	36.57	45454 A	As above
36.57	38.10	45455 A	As above
38.10	39.62	45456 A	As above
39.62	41.15	45457 A	Black schistose unit. Siliceous. Trace disseminated pyrite. Ultramafic?
41.15	42.67	45458 A	As above with <5% pyrite
42.67	44.19	45459 A	As above with some volcanic clasts included. Trace pyrite
44.19	45.72	45460 A	Pale Grey/green fine grained unit. Serpentinite?
45.72	47.24	45461 A	Dark green/black serpentinite unit. Predominantly soft but with some siliceous green clasts. Probably banded unit.
47.24	48.77	45462 A	As above
48.77	50.29	45463 A	As above
50.29	51.81	45464 A	As above with trace fine pyrite.
51.81	53.34	45465 A	As above
53.34	54.86	45466 A	As above
54.86	56.39	45467 A	As above
56.39	57.91	45468 A	As above with <3% disseminated pyrite.
57.91	59.43	45469 A	As above
59.43	60.96	45470 A	As above but more siliceous. Trace pyrite, very fine grained.
60.96	62.48	45471 A	As above
62.48	64.00	45472 A	As above but less siliceous, increase in talc content.
64.00	65.53	45473 A	As above
65.53	67.05	45474 A	As above
67.05	68.58	45475 A	As above
68.58	70.10	45476 A	As above
70.10	71.62	45477 A	As above
71.62	73.15	45478 A	Darker green serpentinite unit with trace pyrite
73.15	74.67	45479 A	As above
74.67	76.20	45480 A	As above
76.20	77.72	45481 A	As above
77.72	79.24	45482 A	As above
79.24	80.77	45483 A	As above
80.77	82.29	45484 A	As above
82.29	83.82	45485 A	As above
83.82	85.34	45486 A	As above

DEPTH (m)		SAMPLE NUMBER	DESCRIPTION
From	To		
85.34	86.86	45487 A	As above
86.86	88.39	45488 A	As above
88.39	89.91	45489 A	Incoming of more quartzite material into the sequence.
89.91	91.44	45490 A	Biotite rich quartzite-possibly schistose
91.44	92.96	45491 A	As above
92.96	94.48	45492 A	As above
94.48	96.01	45493 A	As above
96.01	97.53	45494 A	As above with incoming of green serpentinite chips.
97.53	99.06	45495 A	Pale brown/dark grey, siliceous unit with occasional quartz clasts
99.06	100.58	45496 A	As above
100.58	102.10	45497 A	As above with 7% pyrite in quartz chips
102.10	103.63	45498 A	Incoming of feldspar crystals into sequence
103.63	105.15	45499 A	Feldspar porphyry, black siliceous matrix
105.15	106.67	45500 A	As above
106.67	108.20	14252 A	As above
108.20	109.72	14253 A	As above
109.72	111.25	14254 A	As above
111.25	112.77	14255 A	Very siliceous black, massive unit, ultramafic
112.77	114.29	14256 A	As above
114.29	115.82	14257 A	Incoming of green serpentinite chips
115.82	117.34	14258 A	As above with minor talc evident
117.34	118.87	14259 A	As above
118.87	120.39	14260 A	Black siliceous ultramafic
120.39	121.91	14261 A	As above
121.91	123.44	14262 A	As above
123.44	124.96	14263 A	As above
124.96	126.49	14264 A	As above
126.49	128.01	14265 A	As above

45494

45495	-0.002	0	0	0	3	1	19	49	3.07	290	-1	43	-5	24
45496	-0.002	0	0	0	5	-0.5	28	127	3.57	275	1	24	-5	26
45497	-0.002	0	0	0	9	1	18	61	3.12	345	4	94	5	32
45498	-0.002	0	0	0	4	-0.5	17	74	3.81	375	7	33	10	36
45499	-0.002	0	0	0	4	-0.5	16	55	4.26	475	7	23	-5	48
45500	-0.002	0	0	0	6	-0.5	15	71	3.12	275	4	19	-5	24
14252	-0.002	0	0	0	4	-0.5	13	48	3.37	300	1	28	5	38
14253	-0.002	0	0	0	50	-0.5	44	37	3.46	425	-1	1100	-5	24
14254	-0.002	0	0	0	24	-0.5	47	23	4.24	575	-1	1379	-5	24
14255	-0.002	14	4	-5	25	-0.5	49	21	3.95	495	-1	1483	-5	24
14256	-0.002	14	6	-5	25	-0.5	50	12	3.99	530	-1	1538	-5	22
14257	-0.002	14	6	10	32	-0.5	48	8	3.89	485	-1	1571	-5	20
14258	-0.002	12	6	-5	23	-0.5	49	8	4.05	505	-1	1559	-5	26
14259	-0.002	12	6	10	20	-0.5	50	16	4.03	525	-1	1588	-5	22
14260	-0.002	40	6	10	22	-0.5	51	13	3.95	525	-1	1610	-5	24
14261	0.002	38	6	10	100	-0.5	56	17	4.66	575	-1	1660	-5	26
14262	0.002	68	6	-5	150	-0.5	48	9	4	520	-1	1488	-5	26
14263	-0.002	14	4	10	30	-0.5	51	8	4.15	515	-1	1466	-5	24
14264	-0.002	14	6	5	27	-0.5	46	7	3.34	400	-1	1340	-5	20
14265	-0.002	10	6	-5	12	-0.5	44	4	2.94	340	-1	1281	-5	16

HI-TEC RESOURCE MANAGEMENT LTD.

HOLE NUMBER: PRC-90-6 AZIMUTH: 180 LENGTH: 94.48 m CLIENT: ARMEND RESOURCES INC.
 LOCATION: L5+75E/2+30N DIP: -65 PROPERTY: STANDARD CREEK
 DATE COLLARED: February 8, 1990 DATE COMPLETED: February 9, 1990 NUMBER OF SAMPLES: 53

DEPTH (m)		SAMPLE NUMBER	DESCRIPTION
From	To		
3.05	6.10	14266 A	Black/dark grey ultramafic unit, trace disseminated pyrite
6.10	9.14	14267 A	As above with rare yellow/brown tuffaceous chips
9.14	12.19	14268 A	As above
12.19	15.24	14269 A	As above
15.24	18.29	14270 A	As above
18.29	21.33	14271 A	As above
21.33	24.38	14272 A	Black hornfels, siliceous ultramafics. Trace pyrite
24.38	27.43	14273 A	As above
27.43	28.95	14274 A	As above
28.95	30.48	14275 A	As above
30.48	32.00	14276 A	Tuffaceous fine grained pale grey, banded volcanics
32.00	33.53	14277 A	As above
33.53	35.05	14278 A	Black/brown biotite schistose unit. Trace pyrite
35.05	36.57	14279 A	As above
36.57	38.10	14280 A	As above
38.10	39.62	14281 A	As above
39.62	41.15	14282 A	As above
41.15	42.67	14283 A	Tuffaceous fine grained black volcanics, rare quartz chips
42.67	44.19	14284 A	Black siliceous ultramafic, trace fine pyrite
44.19	45.72	14285 A	As above
45.72	47.24	14286 A	As above
47.24	48.77	14287 A	More schistose unit. Black/brown biotite rich
48.77	50.29	14288 A	Biotite schist with trace pyrite and pyrrhotite
50.29	51.81	14289 A	As above
51.81	53.34	14290 A	As above
53.34	54.86	14291 A	As above
54.86	56.39	14292 A	As above
56.39	57.91	14293 A	As above
57.91	59.43	14294 A	As above
59.43	60.96	14295 A	Tuffaceous fine grained pale grey, banded volcanics
60.96	62.48	14296 A	Biotite schist with trace pyrite and pyrrhotite
62.48	64.00	14297 A	As above
64.00	65.53	14298 A	As above
65.53	67.05	14299 A	As above
67.05	68.58	14300 A	As above
68.58	70.10	14301 A	As above
70.10	71.62	14302 A	As above
71.62	73.15	14303 A	As above
73.15	74.67	14304 A	As above
74.67	76.20	14305 A	As above
76.20	77.72	14306 A	As above but with 15% pyrite
77.72	79.24	14307 A	As above but with 10% pyrite
79.24	80.77	14308 A	As above with 7% pyrite and grey tuffaceous chips, probably banded volcanics
80.77	82.29	14309 A	As above
82.29	83.82	14310 A	Biotite schist with trace pyrite and pyrrhotite

DEPTH (m)		SAMPLE NUMBER	DESCRIPTION
From	To		
83.82	85.34	14311 A	As above
85.34	86.86	14312 A	As above
86.86	88.39	14313 A	As above
88.39	89.91	14314 A	Redish/brown metaquartzite with occasional whitish quartz chips
89.91	91.44	14315 A	As above, no visible mineralization
91.44	92.96	14316 A	As above
92.96	94.48	14317 A	As above
94.48	96.01	14318 A	As above

Hole Number: PRC-90-6

Sample Number	Au oz/T	Au ppb	Pd ppb	Pt ppb	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm
14266	0.002	32	-2	-5	2	-0.5	9	68	2.31	310	7	56	10	66
14267	0.002	10	-2	-5	1	-0.5	8	62	2	320	8	29	5	76
14268	-0.002	6	-2	-5	1	-0.5	7	47	2.22	375	3	23	-5	76
14269	-0.002	10	-2	-5	2	-0.5	7	53	2.57	420	4	23	5	80
14270	-0.002	4	2	-5	3	-0.5	20	74	2.66	225	5	230	5	72
14271	-0.002	4	-2	-5	2	0.5	10	64	2.6	355	3	58	5	82
14272	0.002	4	-2	-5	1	0.5	8	59	2.19	300	2	30	10	74
14273	-0.002	2	-2	-5	2	0.5	10	57	2.89	330	3	45	-5	92
14274	-0.002	4	2	-5	1	-0.5	8	58	2.84	295	5	48	-5	94
14275	-0.002	4	2	-5	2	-0.5	21	76	2.97	210	5	204	5	62
14276	-0.002	0	0	0	3	-0.5	19	71	2.83	340	7	217	-5	62
14277	-0.002	0	0	0	33	-0.5	34	67	3.06	455	4	413	-5	62
14278	-0.002	0	0	0	19	-0.5	27	66	2.35	330	2	383	-5	42
14279	-0.002	0	0	0	55	-0.5	34	66	2.25	270	3	538	-5	32
14280	-0.002	0	0	0	50	-0.5	49	67	2.13	205	2	750	-5	22
14281	-0.002	0	0	0	9	-0.5	16	67	2.86	210	4	298	-5	34
14282	-0.002	0	0	0	4	-0.5	10	68	2.49	320	3	108	-5	66
14283	-0.002	0	0	0	6	-0.5	14	64	2.34	195	7	177	-5	68
14284	-0.002	4	2	-5	17	-0.5	17	51	2.31	200	5	197	-5	56
14285	-0.002	10	2	-5	53	-0.5	19	44	2.26	195	1	237	15	42
14286	-0.002	4	2	-5	16	-0.5	15	55	4.16	380	-1	130	-5	80
14287	-0.002	0	0	0	35	-0.5	20	44	3.7	300	1	229	-5	74
14288	-0.002	0	0	0	2	-0.5	11	42	5.04	625	-1	48	-5	106
14289	-0.002	0	0	0	2	-0.5	11	40	5.12	620	1	38	-5	108
14290	-0.002	0	0	0	2	-0.5	11	42	4.97	590	-1	35	15	112
14291	-0.002	0	0	0	2	-0.5	11	86	5.26	525	1	24	20	108
14292	-0.002	0	0	0	10	-0.5	11	65	4.78	575	1	29	5	108
14293	-0.002	0	0	0	17	-0.5	13	71	5.25	700	-1	39	-5	108
14294	-0.002	0	0	0	10	-0.5	14	46	5.19	685	-1	41	-5	106
14295	-0.002	0	0	0	3	-0.5	12	71	5.34	565	-1	27	15	110
14296	-0.002	0	0	0	3	-0.5	12	60	5	570	-1	24	-5	104
14297	-0.002	0	0	0	1	-0.5	11	48	4.87	480	-1	20	-5	102
14298	-0.002	0	0	0	3	-0.5	12	62	4.76	365	-1	18	-5	100
14299	-0.002	0	0	0	2	-0.5	13	51	4.89	355	-1	23	-5	108
14300	-0.002	0	0	0	1	-0.5	13	49	4.54	340	-1	21	-5	98
14301	-0.002	0	0	0	1	-0.5	13	65	4.99	355	-1	22	-5	108
14302	-0.002	0	0	0	1	-0.5	11	57	5.24	390	-1	25	-5	112
14303	-0.002	0	0	0	2	-0.5	12	64	5.41	415	-1	26	-5	112
14304	-0.002	0	0	0	2	-0.5	11	60	4.91	370	-1	22	-5	100
14305	-0.002	0	0	0	2	-0.5	11	57	4.98	415	-1	25	-5	102
14306	-0.002	0	0	0	5	-0.5	13	67	4.89	470	-1	27	-5	124
14307	-0.002	0	0	0	6	-0.5	14	69	4.61	370	-1	26	-5	106
14308	-0.002	0	0	0	5	-0.5	14	58	4.81	425	-1	27	-5	104
14309	-0.002	0	0	0	3	-0.5	12	57	4.67	505	-1	29	-5	98
14310	-0.002	0	0	0	33	-0.5	12	60	4.91	690	1	24	5	102
14311	-0.002	0	0	0	5	-0.5	10	80	3.8	540	1	23	-5	94
14312	-0.002	0	0	0	6	-0.5	8	60	2.06	385	-1	25	-5	68
14313	-0.002	0	0	0	5	-0.5	8	60	2.49	370	3	35	-5	78
14314	-0.002	0	0	0	9	-0.5	10	74	2.7	485	2	41	-5	86
14315	-0.002	0	0	0	6	0.5	9	56	2.29	355	1	70	-5	70
14316	-0.002	0	0	0	3	-0.5	4	46	1.33	245	1	16	-5	38
14317	-0.002	0	0	0	5	0.5	7	47	1.84	275	1	48	-5	52
14318	-0.002	0	0	0	5	-0.5	6	71	1.66	250	1	38	5	50

HI-TEC RESOURCE MANAGEMENT LTD.

HOLE NUMBER: PRC-90-7 AZIMUTH: 167 LENGTH: 121.91 m CLIENT: ARMENO RESOURCES INC.
 LOCATION: L8+50E/4+30N DIP: -50 PROPERTY: STANDARD CREEK
 DATE COLLARED: February 10, 1990 DATE COMPLETED: February 11, 1990 NUMBER OF SAMPLES: 68

DEPTH (m)		SAMPLE NUMBER	DESCRIPTION
From	To		
0.00	3.05	14319 A	Dark grey/black fine grained matrix with plagioclase phenocrysts, Feldspar porphyry
3.05	6.10	14320 A	As above
6.10	9.14	14321 A	As above
9.14	12.19	14322 A	As above
12.19	15.24	14323 A	Ultramafic dark green/black siliceous unit.
15.24	18.29	14324 A	As above
18.29	21.33	14325 A	Pale grey metaquartzite
21.33	24.38	14326 A	As above
24.38	27.43	14327 A	As above
27.43	30.48	14328 A	Dark green/black ultramafic
30.48	33.53	14329 A	As above
33.53	36.57	14330 A	Brown/reddish metaquartzite, some muscovite/biotite
36.57	38.10	14331 A	As above with trace pyrite
38.10	39.62	14332 A	As above
39.62	41.15	14333 A	As above
41.15	42.67	14334 A	Dark green/black ultramafic, very siliceous
42.67	44.19	14335 A	As above
44.19	45.72	14336 A	As above
45.72	47.24	14337 A	As above
47.24	48.77	14338 A	Black cherty metaquartzite unit
48.77	50.29	14339 A	As above
50.29	51.81	14340 A	As above
51.81	53.34	14341 A	As above
53.34	54.86	14342 A	Dark grey quartzite not as cherty probably metaquartzite
54.86	56.39	14343 A	As above with trace pyrrhotite
56.39	57.91	14344 A	As above
57.91	59.43	14345 A	As above
59.43	60.96	14346 A	As above
60.96	62.48	14347 A	Siliceous serpentinite some epidote clasts
62.48	64.00	14348 A	As above
64.00	65.53	14349 A	As above
65.53	67.05	14350 A	As above
67.05	68.58	14401 A	As above
68.58	70.10	14402 A	As above
70.10	71.62	14403 A	As above
71.62	73.15	14404 A	As above
73.15	74.67	14405 A	As above
74.67	76.20	14406 A	As above
76.20	77.72	14407 A	As above
77.72	79.24	14408 A	As above
79.24	80.77	14409 A	As above
80.77	82.29	14410 A	As above
82.29	83.82	14411 A	Cherty metaquartzite, pale grey
83.82	85.34	14412 A	As above
85.34	86.86	14413 A	As above

86.86	88.39	14414 A	As above
88.39	89.91	14415 A	As above
89.91	91.44	14416 A	As above
91.44	92.96	14417 A	Dark green siliceous serpentinite
92.96	94.48	14418 A	As above
94.48	96.01	14419 A	As above
96.01	97.53	14420 A	As above
97.53	99.06	14421 A	As above with trace pyrite
99.06	100.58	14422 A	As above
100.58	102.10	14423 A	As above with trace pyrite and pyrrhotite
102.10	103.63	14424 A	As above
103.63	105.15	14425 A	As above
105.15	106.67	14426 A	As above
106.67	108.20	14427 A	As above
108.20	109.72	14428 A	As above with trace pyrrhotite
109.72	111.25	14429 A	As above
111.25	112.77	14430 A	Biotite schist with 10% pyrite
112.77	114.29	14431 A	Biotite schist with 5% pyrite
114.29	115.82	14432 A	As above
115.82	117.34	14433 A	As above
117.34	118.87	14434 A	Biotite schist with 7% pyrite
118.87	120.39	14435 A	As above
120.39	121.91	14436 A	Biotite schist with 5% pyrite

Hole Number: PRC-90-7

Sample Number	Au oz/T	Au ppb	Pd ppb	Pt ppb	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm
14319	-0.002	0	0	0	24	-0.5	10	61	1.68	200	-1	107	-5	98
14320	-0.002	0	0	0	9	-0.5	7	39	1.82	210	1	55	5	26
14321	-0.002	0	0	0	6	-0.5	7	87	2.67	255	1	17	-5	36
14322	-0.002	0	0	0	17	-0.5	32	59	3.51	415	-1	924	-5	38
14323	-0.002	92	8	10	23	-0.5	41	10	3.77	450	-1	1387	-5	32
14324	-0.002	50	6	-5	140	-0.5	43	11	3.91	455	-1	1447	-5	32
14325	0.002	0	0	0	95	-0.5	24	34	2.5	285	-1	647	-5	30
14326	-0.002	0	0	0	105	-0.5	24	32	2.35	285	1	661	-5	28
14327	-0.002	0	0	0	180	0.5	36	2	3.43	465	6	1277	-5	30
14328	-0.002	94	6	5	260	0.5	41	-1	3.69	500	1	1421	-5	30
14329	-0.002	44	6	-5	90	0.5	35	9	3.31	510	-1	1355	-5	28
14330	0.002	0	0	0	295	-0.5	33	6	3.2	525	2	1336	-5	28
14331	-0.002	0	0	0	90	-0.5	33	10	3.16	500	1	1280	-5	26
14332	-0.002	0	0	0	70	-0.5	34	9	3.16	480	-1	1326	-5	30
14333	-0.002	0	0	0	100	-0.5	32	15	3.09	465	-1	1171	-5	30
14334	-0.002	26	6	-5	55	0.5	35	18	3.17	485	-1	1287	-5	26
14335	-0.002	16	6	-5	33	-0.5	37	29	3.31	485	2	1368	-5	32
14336	-0.002	20	4	5	45	-0.5	37	14	3.22	495	1	1374	-5	28
14337	-0.002	14	8	5	25	-0.5	37	23	3.18	485	-1	1363	-5	32
14338	0.002	0	0	0	80	-0.5	38	8	3.32	535	-1	1456	-5	28
14339	-0.002	0	0	0	60	-0.5	47	12	4.34	595	-1	1710	-5	32
14340	-0.002	0	0	0	135	-0.5	48	11	4.58	630	-1	1754	-5	34
14341	0.002	0	0	0	175	0.5	52	21	4.65	630	-1	1787	-5	34
14342	-0.002	0	0	0	120	0.5	50	10	4.61	630	1	1650	-5	32
14343	-0.002	0	0	0	110	-0.5	49	10	4.64	630	11	1775	-5	32
14344	0.002	0	0	0	145	0.5	47	10	4.41	580	4	1732	-5	32
14345	-0.002	0	0	0	80	0.5	50	13	4.54	575	13	1725	-5	34
14346	-0.002	0	0	0	50	-0.5	32	39	2.28	305	14	758	-5	14
14347	-0.002	32	4	-5	95	-0.5	43	18	3.95	520	20	1513	-5	30
14348	-0.002	80	6	-5	220	0.5	44	12	4.29	585	26	1587	-5	32
14349	-0.002	56	6	-5	150	0.5	44	13	4.11	530	8	1601	-5	30
14350	-0.002	78	8	-5	210	-0.5	43	34	4.06	545	-1	1632	-5	32
14401	0.002	140	8	-5	390	0.5	44	8	4.18	570	-1	1759	-5	32
14402	-0.002	74	8	-5	220	-0.5	46	9	4.39	565	-1	1730	-5	30
14403	0.002	100	8	-5	270	0.5	44	20	4.38	560	-1	1713	-5	32
14404	-0.002	74	6	-5	210	0.5	47	15	4.46	560	-1	1785	-5	32
14405	-0.002	90	8	-5	235	0.5	44	11	4.36	535	1	1655	-5	34
14406	-0.002	82	6	-5	200	0.5	45	15	4.69	575	2	1707	-5	30
14407	-0.002	52	6	-5	160	0.5	47	15	4.55	590	-1	1697	-5	30
14408	-0.002	44	6	-5	120	0.5	49	12	4.55	575	24	1767	-5	30
14409	0.002	78	6	-5	200	0.5	49	8	4.43	585	1	1814	-5	30
14410	0.002	70	6	-5	160	0.5	47	8	4.28	575	-1	1718	-5	30
14411	0.002	54	6	-5	100	0.5	46	9	4.28	585	-1	1638	-5	30
14412	0.002	0	0	0	180	0.5	51	9	4.74	660	-1	1827	-5	40
14413	0.004	0	0	0	300	0.5	51	7	4.87	710	2	1794	-5	38
14414	0.004	0	0	0	325	0.5	46	9	4.3	600	7	1658	-5	38
14415	0.006	0	0	0	670	0.5	39	19	3.67	570	2	1595	-5	28
14416	0.004	0	0	0	315	0.5	46	34	4.14	555	2	1607	-5	46
14417	0.004	110	6	5	285	0.5	47	30	4.06	550	-1	1611	-5	36
14418	0.002	94	4	-5	220	0.5	51	26	4.28	550	-1	1763	-5	32
14419	-0.002	36	8	-5	85	-0.5	48	28	4.11	525	-1	1618	-5	32

14420	-0.002	18	6	-5	40	0.5	51	36	4.38	545	-1	1700	-5	48
14421	0.002	60	4	-5	160	0.5	43	27	4.08	555	-1	1456	-5	30
14422	0.002	76	4	5	240	0.5	48	27	4.09	555	-1	1613	-5	32
14423	0.002	84	6	-5	220	0.5	46	96	4.35	605	-1	1586	-5	36
14424	0.002	72	6	-5	90	-0.5	27	11	2.15	285	-1	821	-5	14
14425	-0.002	72	4	-5	170	0.5	43	16	3.88	510	3	1513	-5	30
14426	0.002	100	2	-5	280	-0.5	27	47	2.73	325	82	1008	-5	22
14427	0.004	92	-2	-5	290	-0.5	21	36	2.25	270	4	729	-5	24
14428	0.006	140	4	-5	370	-0.5	38	18	3.09	400	1	1431	-5	24
14429	0.008	230	4	10	720	-0.5	23	12	1.67	275	-1	1262	-5	14
14430	0.004	0	0	0	395	-0.5	23	33	2.15	300	20	1151	-5	20
14431	-0.002	0	0	0	20	0.5	5	87	2.6	255	15	61	-5	18
14432	-0.002	0	0	0	6	-0.5	11	142	2.78	185	5	25	-5	22
14433	-0.002	0	0	0	4	-0.5	13	218	2.94	225	90	20	-5	18
14434	-0.002	0	0	0	12	-0.5	11	153	3.18	260	8	39	-5	24
14435	-0.002	0	0	0	3	-0.5	13	156	3.61	355	-1	15	-5	38
14436	-0.002	0	0	0	7	-0.5	12	129	3.29	300	3	28	-5	30

HI-TEC RESOURCE MANAGEMENT LTD.

HOLE NUMBER: PRC-90-B AZIMUTH: 040 LENGTH: 121.91 m CLIENT: ARMENO RESOURCES INC.
 LOCATION: L9+00E/5+30N DIP: -55 PROPERTY: STANDARD CREEK
 DATE COLLARED: February 12, 1990 DATE COMPLETED: February 13, 1990 NUMBER OF SAMPLES: 75

DEPTH (m)		SAMPLE NUMBER	DESCRIPTION
From	To		
0.00	3.05	14437 A	Metaquartzite pale grey
3.05	6.10	14438 A	As above
6.10	9.14	14439 A	As above
9.14	12.19	14440 A	As above
12.19	15.24	14441 A	As above
15.24	16.76	14442 A	Volcaniclastic type unit, pale yellow green
16.76	18.29	14443 A	Metaquartzite pale grey
18.29	19.81	14444 A	As above, minor pyrite
19.81	21.33	14445 A	As above
21.33	22.86	14446 A	As above
22.86	24.38	14447 A	As above
24.38	25.91	14448 A	As above
25.91	27.43	14449 A	Biotite rich quartzite <5% pyrite, (metaquartzite like unit)
27.43	28.95	14450 A	As above
28.95	30.48	14451 A	As above
30.48	32.00	14452 A	As above
32.00	33.53	14453 A	As above
33.53	35.05	14454 A	As above
35.05	36.57	14455 A	Quartz-biotite-schist with <5% pyrite and pyrrhotite
36.57	38.10	14456 A	As above
38.10	39.62	14457 A	Quartzitic schist with minor biotite, trace pyrite
39.62	41.15	14458 A	As above
41.15	42.67	14459 A	As above
42.67	44.19	14460 A	As above
44.19	45.72	14461 A	As above
45.72	47.24	14462 A	As above
47.24	48.77	14463 A	Metaquartzite, possible siliceous serpentinite chips
48.77	50.29	14464 A	As above
50.29	51.81	14465 A	Quartz-biotite-schist with <5% pyrite and pyrrhotite
51.81	53.34	14466 A	As above with some possible vein quartz, very white, trace pyrite
53.34	54.86	14467 A	As above
54.86	56.39	14468 A	As above
56.39	57.91	14469 A	As above
57.91	59.43	14470 A	Pale green/grey metaquartzite with 7% pyrite
59.43	60.96	14471 A	As above with 5% pyrite
60.96	62.48	14472 A	Quartz-biotite-schist
62.48	64.00	14473 A	As above
64.00	65.53	14474 A	As above
65.53	67.05	14475 A	As above
67.05	68.58	14476 A	As above
68.58	70.10	14477 A	As above
70.10	71.62	14478 A	As above
71.62	73.15	14479 A	Pale green/grey metaquartzite, no visible mineralization
73.15	74.67	14480 A	As above
74.67	76.20	14481 A	Quartz-biotite-schist

76.20	77.72	14482 A	As above
77.72	79.24	14483 A	As above
79.24	80.77	14484 A	Biotite schist
80.77	82.29	14485 A	As above
82.29	83.82	14486 A	As above with trace pyrite
83.82	85.34	14487 A	As above
85.34	86.86	14488 A	Quartz-biotite-schist with trace pyrite
86.86	88.39	14489 A	As above
88.39	89.91	14490 A	As above
89.91	91.44	14491 A	As above
91.44	92.96	14492 A	As above
92.96	94.48	14493 A	As above
94.48	96.01	14494 A	As above
96.01	97.53	14495 A	As above
97.53	99.06	14496 A	As above
99.06	100.58	14497 A	As above
100.58	102.10	14498 A	As above
102.10	103.63	14499 A	As above
103.63	105.15	14500 A	As above
105.15	106.67	14951 A	As above with rare green siliceous epidote like chips
106.67	108.20	14952 A	As above but very biotite rich
108.20	109.72	14953 A	As above
109.72	111.25	14954 A	Quartz-biotite-schist with trace pyrite
111.25	112.77	14955 A	As above
112.77	114.29	14956 A	As above
114.29	115.82	14957 A	As above
115.82	117.34	14958 A	As above
117.34	118.87	14959 A	As above
118.87	120.39	14960 A	As above
120.39	121.91	14961 A	As above

Hole Number: PRC-90-8

Sample Number	Au oz/T	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm
14437	-0.002	30	-0.5	10	39	1.67	170	2	114	5	54
14438	-0.002	16	-0.5	17	49	3.07	410	-1	96	10	56
14439	-0.002	38	-0.5	18	59	2.96	295	-1	102	-5	66
14440	0.008	110	-0.5	9	102	2.1	180	3	56	5	54
14441	0.012	180	-0.5	17	120	3.32	375	3	75	5	78
14442	-0.002	50	-0.5	10	89	2.45	175	2	40	5	78
14443	-0.002	55	-0.5	12	115	2.7	170	5	54	5	78
14444	-0.002	38	-0.5	14	51	2.92	200	8	43	10	74
14445	-0.002	25	-0.5	20	117	3.03	195	6	53	5	78
14446	-0.002	15	-0.5	8	51	2.14	160	3	39	5	60
14447	-0.002	9	-0.5	5	20	1.89	155	3	32	-5	36
14448	-0.002	10	-0.5	5	23	1.94	150	3	34	15	32
14449	-0.002	6	-0.5	5	24	1.81	150	2	27	-5	32
14450	-0.002	6	-0.5	6	47	2.19	165	3	37	5	38
14451	-0.002	5	-0.5	15	45	2.38	180	4	41	-5	36
14452	-0.002	16	-0.5	5	31	1.97	165	3	31	-5	36
14453	-0.002	14	-0.5	4	23	1.86	165	1	25	5	36
14454	-0.002	10	-0.5	3	34	1.63	145	2	25	10	24
14455	-0.002	12	-0.5	7	38	2.13	255	3	15	5	36
14456	-0.002	75	-0.5	6	58	1.91	235	2	16	15	36
14457	-0.002	15	-0.5	3	15	1.51	165	-1	20	5	34
14458	-0.002	50	-0.5	4	36	1.59	150	1	23	-5	30
14459	0.004	200	-0.5	6	59	2.08	230	3	20	-5	36
14460	0.052	3800	0.5	11	140	3.73	330	1	45	5	70
14461	0.024	2650	-0.5	9	82	3.4	370	2	30	5	74
14462	0.014	440	-0.5	12	96	2.94	425	3	29	20	56
14463	0.046	1650	-0.5	7	113	2.24	255	2	27	15	56
14464	0.006	160	-0.5	10	80	3.33	490	13	40	5	90
14465	0.004	100	-0.5	9	63	3.7	540	2	47	5	82
14466	0.016	1200	-0.5	8	58	3.56	490	1	32	5	76
14467	0.004	270	-0.5	10	43	3.97	705	1	58	-5	104
14468	-0.002	85	-0.5	8	45	3.65	585	1	37	-5	98
14469	0.012	320	-0.5	7	38	3.59	510	3	18	5	92
14470	-0.002	30	-0.5	6	32	3.59	520	3	15	5	98
14471	0.002	80	-0.5	6	31	3.54	495	2	14	-5	94
14472	0.002	33	-0.5	7	31	3.71	545	2	14	-5	98
14473	-0.002	29	-0.5	6	42	3.34	505	2	18	-5	94
14474	-0.002	16	-0.5	7	63	2.89	365	4	32	5	112
14475	-0.002	6	-0.5	6	48	3.51	495	5	20	5	112
14476	-0.002	23	-0.5	9	54	3.65	500	3	42	-5	114
14477	-0.002	24	-0.5	8	89	2.47	245	4	34	5	112
14478	-0.002	60	-0.5	12	52	3.02	550	3	84	-5	80
14479	-0.002	110	-0.5	13	61	3.17	515	5	91	-5	104
14480	-0.002	60	-0.5	11	52	2.93	555	3	62	-5	74
14481	-0.002	60	-0.5	9	64	2.86	440	5	46	5	84
14482	-0.002	70	-0.5	10	37	2.82	520	6	58	5	74
14483	-0.002	41	-0.5	11	50	2.81	530	5	60	-5	74
14484	-0.002	33	-0.5	10	31	2.56	415	1	42	5	56
14485	-0.002	32	-0.5	10	45	3.19	605	3	63	5	82
14486	-0.002	24	-0.5	13	48	3.83	500	3	93	5	110
14487	-0.002	19	-0.5	10	52	2.97	545	4	58	-5	82

14488	-0.002	200	-0.5	17	43	3.07	715	3	233	5	68
14489	-0.002	27	-0.5	8	12	3	625	-1	20	-5	62
14490	-0.002	670	-0.5	28	9	2.63	545	3	571	-5	46
14491	-0.002	630	-0.5	29	43	2.3	285	4	600	-5	32
14492	-0.002	225	-0.5	17	37	1.94	225	4	266	-5	36
14493	-0.002	150	-0.5	19	72	2.03	185	3	270	5	36
14494	-0.002	100	-0.5	15	77	3.11	420	5	130	10	70
14495	-0.002	80	-0.5	14	62	2.56	300	4	139	-5	50
14496	-0.002	90	-0.5	54	38	3.51	510	1	1009	5	38
14497	-0.002	27	-0.5	26	51	2.08	255	2	446	5	28
14498	-0.002	16	-0.5	22	35	2.43	295	2	262	5	38
14499	-0.002	14	-0.5	19	31	1.67	210	3	251	5	18
14500	-0.002	33	-0.5	35	57	2.36	300	2	646	5	28
14951	-0.002	25	-0.5	36	72	2.11	250	2	699	5	22
14952	-0.002	55	-0.5	21	59	2.62	265	2	172	-5	42
14953	-0.002	70	-0.5	22	70	2.91	275	3	206	5	50
14954	-0.002	38	-0.5	15	68	3.03	385	5	156	-5	64
14955	-0.002	6	-0.5	7	32	2.6	345	1	41	-5	60
14956	-0.002	4	-0.5	9	42	3.77	365	2	21	-5	86
14957	-0.002	36	-0.5	14	55	2.56	435	3	131	5	54
14958	-0.002	19	-0.5	14	66	2.92	395	3	113	5	64
14959	-0.002	33	-0.5	18	60	3.75	705	3	166	5	76
14960	-0.002	9	-0.5	9	57	3.66	435	3	27	5	80
14961	-0.002	6	-0.5	10	62	4.18	465	3	28	-5	94

HI-TEC RESOURCE MANAGEMENT LTD.

HOLE NUMBER: PRC-90-9 AZIMUTH: 180 LENGTH: 126.49 m CLIENT: ARMEND RESOURCES INC.
 LOCATION: L7+46E/6+63N DIP: -50 PROPERTY: STANDARD CREEK
 DATE COLLARED: February 14, 1990 DATE COMPLETED: February 15, 1990 NUMBER OF SAMPLES: 76

DEPTH (m)	Depth	SAMPLE NUMBER	DESCRIPTION	Au oz/t
From	To	Feet		
0.00	6.10	20	Overburden	
6.10	9.14	30	14962 A Pale brown tuffaceous volcanic	0.012
9.14	12.19	40	14963 A As above	0.010
12.19	15.24	50	14964 A Incoming of quartz into volcanics	0.004
15.24	16.76	55	14965 A Quartz-biotite-schist with trace pyrite	0.004
16.76	18.29	60	14966 A As above	0.004
18.29	19.81	65	14967 A As above	0.008
19.81	21.33	70	14968 A As above	0.008
21.33	22.86	75	14969 A As above	0.039
22.86	24.38	80	14970 A Pale gray/green metaquartzite	0.008
24.38	25.91	85	14971 A As above	
25.91	27.43	90	14972 A Biotite schist with trace pyrite	
27.43	28.95	95	14973 A As above	
28.95	30.48	100	14974 A As above	
30.48	32.00	105	14975 A As above	
32.00	33.53	110	14976 A As above	
33.53	35.05	115	14977 A As above	0.004
35.05	36.57	120	14978 A As above	
36.57	38.10	125	14979 A As above	
38.10	39.62	130	14980 A Quartz-biotite-schist with <7% pyrite	0.008
39.62	41.15	135	14981 A As above with 10% pyrite and minor pyrrhotite	0.022
41.15	42.67	140	14982 A As above	0.010
42.67	44.19	145	14983 A As above	0.010
44.19	45.72	150	14984 A As above with 5% pyrite	0.006
45.72	47.24	155	14985 A As above	
47.24	48.77	160	14986 A Quartz-biotite-schist with <5% pyrite	
48.77	50.29	165	14987 A As above	
50.29	51.81	170	14988 A Biotite schist	
51.81	53.34	175	14989 A As above	
53.34	54.86	180	14990 A As above	
54.86	56.39	185	14991 A As above	0.006
56.39	57.91	190	14992 A As above	
57.91	59.43	195	14993 A As above	
59.43	60.96	200	14994 A As above	
60.96	62.48	205	14995 A Quartz-biotite-schist with trace pyrite and pyrrhotite	
62.48	64.00	210	14996 A As above	
64.00	65.53	215	14997 A As above	
65.53	67.05	220	14998 A As above	
67.05	68.58	225	14999 A As above	
68.58	70.10	230	15000 A As above	
70.10	71.62	235	9 - 1 A As above	
71.62	73.15	240	9 - 2 A As above	
73.15	74.67	245	9 - 3 A As above	
74.67	76.20	250	9 - 4 A As above	
76.20	77.72	255	9 - 5 A As above	

DEPTH (m)		Depth	SAMPLE NUMBER	DESCRIPTION	Au oz/t
From	To	Feet			
77.72	79.24	260	9 - 6 A	As above	
79.24	80.77	265	9 - 7 A	As above	
80.77	82.29	270	9 - 8 A	As above	
82.29	83.82	275	9 - 9 A	As above	
83.82	85.34	280	9 - 10 A	Siliceous green serpentinite with trace pyrite	
85.34	86.86	285	9 - 11 A	As above	
86.86	88.39	290	9 - 12 A	Quartz-biotite-schist with trace pyrite and pyrrhotite	0.014
88.39	89.91	295	9 - 13 A	As above	0.008
89.91	91.44	300	9 - 14 A	As above	0.020
91.44	92.96	305	9 - 15 A	As above	0.012
92.96	94.48	310	9 - 16 A	As above	0.008
94.48	96.01	315	9 - 17 A	Quartz-biotite-schist with <5% pyrite and pyrrhotite and trace chalcopyrite	
96.01	97.53	320	9 - 18 A	As above but no chalco evident	0.008
97.53	99.06	325	9 - 19 A	As above	0.006
99.06	100.58	330	9 - 20 A	As above with some rare greenish quartz chips	0.012
100.58	102.10	335	9 - 21 A	As above	
102.10	103.63	340	9 - 22 A	As above	
103.63	105.15	345	9 - 23 A	Quartz-biotite-schist with <5% pyrite and pyrrhotite	0.037
105.15	106.67	350	9 - 24 A	As above	0.004
106.67	108.20	355	9 - 25 A	As above	0.006
108.20	109.72	360	9 - 26 A	As above	0.010
109.72	111.25	365	9 - 27 A	As above	0.008
111.25	112.77	370	9 - 28 A	As above	0.006
112.77	114.29	375	9 - 29 A	As above	0.008
114.29	115.82	380	9 - 30 A	As above	0.073
115.82	117.34	385	9 - 31 A	As above	0.016
117.34	118.87	390	9 - 32 A	As above	0.010
118.87	120.39	395	9 - 33 A	As above	0.012
120.39	121.91	400	9 - 34 A	As above	0.018
121.91	123.44	405	9 - 35 A	As above	0.020
123.44	124.96	410	9 - 36 A	As above	0.037
124.96	126.49	415	9 - 37 A	As above	0.008

Sample Number	Au oz/T	Au ppb	Pd ppb	Pt ppb	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm	
14962	0.012	0	0	0	350	-0.5	5	49	1.72	140	1	35	-5	24	
14963	0.01	0	0	0	150	-0.5	6	77	2.69	190	1	47	-5	56	
14964	0.004	0	0	0	100	-0.5	4	58	1.95	175	1	30	-5	38	
14965	0.004	0	0	0	90	-0.5	4	46	1.54	135	1	29	-5	18	
14966	0.004	0	0	0	90	-0.5	4	37	1.36	125	1	22	-5	20	
14967	0.008	0	0	0	80	-0.5	3	35	1.56	140	1	24	-5	24	
14968	0.008	0	0	0	110	-0.5	3	34	1.77	165	1	27	-5	28	
14969	0.039	0	0	0	200	-0.5	6	71	2.33	205	3	35	-5	52	
14970	0.008	0	0	0	90	0.5	8	77	2.54	275	4	42	-5	92	
14971	-0.002	0	0	0	70	-0.5	14	56	2.9	315	2	159	-5	58	
14972	-0.002	0	0	0	60	-0.5	13	51	3.41	360	2	174	-5	72	
14973	-0.002	0	0	0	50	-0.5	10	63	3.37	435	4	109	-5	82	
14974	-0.002	0	0	0	120	-0.5	12	47	2.47	345	3	105	-5	58	
14975	-0.002	0	0	0	90	-0.5	11	67	3.9	615	6	153	-5	98	
14976	-0.002	0	0	0	160	-0.5	11	58	3.53	585	3	129	-5	96	
14977	0.004	0	0	0	280	-0.5	13	68	3.63	455	5	149	-5	96	
14978	-0.002	0	0	0	220	-0.5	11	61	3.83	530	3	120	-5	94	
14979	-0.002	0	0	0	190	-0.5	10	53	3.63	510	3	110	-5	84	
14980	0.008	0	0	0	200	-0.5	10	57	3.04	310	3	92	-5	58	
14981	0.022	0	0	0	570	0.5	20	98	6.02	845	4	98	-5	132	
14982	0.01	0	0	0	210	-0.5	15	66	4.04	560	6	130	-5	100	
14983	0.01	0	0	0	290	-0.5	13	85	3.77	520	6	126	-5	102	
14984	0.006	0	0	0	170	-0.5	9	62	2.91	345	4	80	-5	54	
14985	-0.002	0	0	0	50	-0.5	9	49	2.84	340	1	71	-5	50	
14986	-0.002	0	0	0	22	-0.5	15	29	3.6	435	1	78	-5	64	
14987	-0.002	0	0	0	16	-0.5	12	64	2.36	235	-1	53	-5	40	
14988	-0.002	0	0	0	12	-0.5	20	105	3.77	275	-1	92	-5	68	
14989	-0.002	0	0	0	4	-0.5	20	53	4.62	375	-1	86	-5	80	
14990	-0.002	0	0	0	4	-0.5	22	42	5.33	400	-1	98	-5	88	
14991	0.006	0	0	0	50	-0.5	21	79	4.77	425	3	190	-5	86	
14992	-0.002	0	0	0	19	-0.5	21	59	3.47	240	3	248	-5	64	
14993	-0.002	0	0	0	17	-0.5	15	47	2.64	210	2	137	-5	42	
14994	-0.002	0	0	0	23	-0.5	13	47	2.56	235	3	148	-5	48	
14995	-0.002	0	0	0	4	-0.5	17	36	4.49	295	5	50	-5	92	
14996	-0.002	0	0	0	3	-0.5	7	22	3.43	375	5	19	-5	90	
14997	-0.002	0	0	0	3	-0.5	10	39	3.19	285	4	37	-5	68	
14998	-0.002	0	0	0	4	-0.5	14	32	2.98	215	6	81	-5	66	
14999	-0.002	0	0	0	7	-0.5	9	29	2.28	220	2	44	-5	36	
15000	-0.002	0	0	0	9	-0.5	12	28	2.87	240	1	52	-5	44	
9	-1	-0.002	0	0	2	-0.5	13	14	2.76	160	-1	37	-5	42	
9	-2	-0.002	0	0	2	-0.5	14	19	2.85	155	1	32	-5	50	
9	-3	-0.002	0	0	7	-0.5	13	33	3.13	285	2	57	-5	58	
9	-4	-0.002	0	0	22	-0.5	16	47	4.03	350	2	124	-5	84	
9	-5	-0.002	0	0	16	-0.5	18	52	4.49	425	1	119	-5	100	
9	-6	-0.002	0	0	17	-0.5	12	36	3.59	385	3	71	-5	92	
9	-7	-0.002	0	0	3	-0.5	6	16	3.43	465	1	25	-5	86	
9	-8	-0.002	0	0	2	-0.5	4	10	3.35	520	3	12	-5	88	
9	-9	-0.002	0	0	4	-0.5	6	15	3.36	405	1	21	-5	82	
9	-10	-0.002	4	-2	-5	11	-0.5	6	25	1.63	195	1	24	-5	26
9	-11	-0.002	18	-2	-5	24	-0.5	9	32	2.67	265	1	50	-5	44
9	-12	0.014	0	0	0	260	-0.5	12	36	2.69	350	3	92	-5	62

9	-13	0.008	0	0	0	230	-0.5	14	43	2.9	300	2	85	-5	56
9	-14	0.02	0	0	0	400	-0.5	13	65	3.2	470	4	88	-5	72
9	-15	0.012	0	0	0	410	-0.5	11	91	2.97	345	4	100	-5	58
9	-16	0.008	0	0	0	250	-0.5	9	59	2.55	375	2	72	-5	54
9	-17	0.002	0	0	0	180	-0.5	11	69	2.87	385	3	107	-5	64
9	-18	0.008	0	0	0	280	-0.5	10	78	2.95	400	3	83	-5	64
9	-19	0.006	0	0	0	300	-0.5	11	119	3.04	435	9	89	-5	68
9	-20	0.012	0	0	0	260	-0.5	10	54	2.86	430	3	75	-5	72
9	-21	0.002	0	0	0	330	-0.5	17	50	3.26	460	2	185	-5	78
9	-22	0.002	0	0	0	200	-0.5	11	48	2.86	410	3	117	-5	76
9	-23	0.037	0	0	0	150	-0.5	8	47	2.52	375	3	45	-5	60
9	-24	0.004	0	0	0	300	-0.5	13	55	3.54	510	4	112	-5	90
9	-25	0.006	0	0	0	350	-0.5	14	48	3.69	630	2	149	-5	96
9	-26	0.01	0	0	0	130	-0.5	9	48	3.44	585	2	49	-5	78
9	-27	0.008	0	0	0	220	-0.5	8	55	3.42	615	1	33	-5	78
9	-28	0.006	0	0	0	90	-0.5	8	59	3.37	610	2	33	-5	78
9	-29	0.008	0	0	0	120	-0.5	8	48	3.4	600	2	29	-5	74
9	-30	0.073	0	0	0	80	-0.5	10	62	3.47	430	1	47	-5	62
9	-31	0.016	0	0	0	220	-0.5	12	57	4.08	660	2	58	-5	108
9	-32	0.01	0	0	0	160	-0.5	8	50	3.97	580	2	30	-5	98
9	-33	0.012	0	0	0	240	-0.5	7	42	3.04	430	-1	30	-5	70
9	-34	0.018	0	0	0	300	-0.5	10	51	2.92	415	1	77	-5	66
9	-35	0.02	0	0	0	400	-0.5	14	87	3.17	395	4	103	-5	70
9	-36	0.037	0	0	0	160	-0.5	9	53	2.22	320	8	48	-5	52
9	-37	0.008	0	0	0	120	-0.5	9	50	2.03	230	2	45	-5	44

HI-TEC RESOURCE MANAGEMENT LTD.

HOLE NUMBER: PRC-90-10 AZIMUTH: - LENGTH: 94.48 m CLIENT: ARMENO RESOURCES I
 LOCATION: L2+00E/9+20N DIP: -90 PROPERTY: STANDARD CREEK
 DATE COLLARED: February 16, 1990 DATE COMPLETED: February 19, 1990 NUMBER OF SAMPLES: 52

DEPTH (m)	Depth	SAMPLE NUMBER	DESCRIPTION	Au oz/t
From	To Feet			
0.00	3.05	10 10 - 1 A	Possible boulder	
3.05	6.10	20 10 - 2 A	Quartz-biotite-schist with trace pyrite and pyrrhotite	0.006
6.10	9.14	30 10 - 3 A	As above	0.006
9.14	12.19	40 10 - 4 A	As above, lots of water intersected	0.002
12.19	15.24	50 10 - 5 A	As above	
15.24	18.29	60 10 - 6 A	Biotite schist	
18.29	21.33	70 10 - 7 A	As above	0.008
21.33	24.38	80 10 - 8 A	Granodiorite	0.008
24.38	27.43	90 10 - 9 A	Metaquartzite some biotite and relict textures evident	0.004
27.43	30.48	100 10 - 10 A	As above	
30.48	32.00	105 10 - 11 A	As above with <5% pyrite	
32.00	33.53	110 10 - 12 A	As above	
33.53	35.05	115 10 - 13 A	Quartz-biotite-schist with trace pyrite	
35.05	36.57	120 10 - 14 A	As above	
36.57	38.10	125 10 - 15 A	As above	
38.10	39.62	130 10 - 16 A	As above	
39.62	41.15	135 10 - 17 A	As above	
41.15	42.67	140 10 - 18 A	Biotite schist	
42.67	44.19	145 10 - 19 A	Quartz-biotite-schist with trace pyrite	
44.19	45.72	150 10 - 20 A	As above with some green siliceous chips, possibly epidote	
45.72	47.24	155 10 - 21 A	As above	
47.24	48.77	160 10 - 22 A	As above	
48.77	50.29	165 10 - 23 A	Yellow/brown metaquartzite with minor biotite and trace pyrite	
50.29	51.81	170 10 - 24 A	As above	
51.81	53.34	175 10 - 25 A	As above	
53.34	54.86	180 10 - 26 A	As above	
54.86	56.39	185 10 - 27 A	As above	
56.39	57.91	190 10 - 28 A	As above	
57.91	59.43	195 10 - 29 A	As above	
59.43	60.96	200 10 - 30 A	As above	
60.96	62.48	205 10 - 31 A	As above	
62.48	64.00	210 10 - 32 A	As above	
64.00	65.53	215 10 - 33 A	As above	
65.53	67.05	220 10 - 34 A	As above	
67.05	68.58	225 10 - 35 A	As above	
68.58	70.10	230 10 - 36 A	As above	
70.10	71.62	235 10 - 37 A	As above	
71.62	73.15	240 10 - 38 A	As above	
73.15	74.67	245 10 - 39 A	As above	
74.67	76.20	250 10 - 40 A	As above	
76.20	77.72	255 10 - 41 A	As above	
77.72	79.24	260 10 - 42 A	As above	
79.24	80.77	265 10 - 43 A	As above	
80.77	82.29	270 10 - 44 A	Incoming of abundant white calcite into sequence	
82.29	83.82	275 10 - 45 A	Metaquartzite with rare calcite	

DEPTH (m)		Depth		SAMPLE NUMBER	DESCRIPTION
From	To	Feet			
83.82	85.34	280	10 -	46 A	Metaquartzite with minor talc and green epidote like chips
85.34	86.86	285	10 -	47 A	As above
86.86	88.39	290	10 -	48 A	As above with <8% pyrite
88.39	89.91	295	10 -	49 A	As above
89.91	91.44	300	10 -	50 A	As above with trace pyrite
91.44	92.96	305	10 -	51 A	As above
92.96	94.48	310	10 -	52 A	As above

Hole Number: PRC-90-10

Sample Number	Au oz/T	Au ppb	Pd ppb	Pt ppb	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm	
10	-1	-0.002			19	-0.5	16	59	2.61	180	-1	87	-5	40	
10	-2	0.006			23	-0.5	17	60	2.81	225	1	93	-5	42	
10	-3	0.006			12	-0.5	17	57	2.84	245	1	86	-5	44	
10	-4	0.002			9	-0.5	18	44	3.09	290	-1	94	-5	44	
10	-5	-0.002			9	-0.5	18	50	3.49	380	-1	81	-5	60	
10	-6	0.002			53	-0.5	9	14	4.76	815	-1	14	-5	86	
10	-7	0.008			500	-0.5	10	55	2.64	310	2	48	-5	54	
10	-8	0.008			440	-0.5	9	38	2.62	275	-1	34	-5	52	
10	-9	0.004			210	-0.5	13	35	3.4	350	1	127	-5	80	
10	-10	-0.002			80	-0.5	10	40	3.08	485	1	73	-5	84	
10	-11	-0.002			38	-0.5	10	28	3.54	555	2	89	-5	84	
10	-12	-0.002			160	-0.5	9	52	2.69	385	2	65	-5	74	
10	-13	-0.002			19	-0.5	15	48	2.03	165	2	95	-5	36	
10	-14	-0.002			20	-0.5	12	44	2.09	180	2	124	-5	40	
10	-15	-0.002			36	-0.5	10	53	2.32	310	2	79	-5	52	
10	-16	-0.002			15	-0.5	8	42	2.64	535	3	40	-5	66	
10	-17	-0.002			35	-0.5	7	45	2.3	470	2	49	-5	62	
10	-18	-0.002			24	-0.5	10	43	2.27	300	3	71	-5	48	
10	-19	-0.002			38	-0.5	13	73	2.03	200	-1	68	-5	34	
10	-20	-0.002			27	-0.5	17	24	3.7	285	-1	122	-5	70	
10	-21	-0.002	0	0	0	17	-0.5	19	81	3.74	250	3	146	5	70
10	-22	-0.002	0	0	0	36	-0.5	22	51	1.95	145	2	119	5	42
10	-23	-0.002	0	0	0	57	-0.5	14	48	2.13	205	4	183	5	46
10	-24	-0.002	0	0	0	33	-0.5	12	58	2.15	265	1	169	5	46
10	-25	-0.002	0	0	0	39	-0.5	12	37	1.88	210	1	163	-5	36
10	-26	-0.002	0	0	0	15	-0.5	6	23	1.64	160	1	54	5	28
10	-27	-0.002	0	0	0	12	-0.5	5	25	1.57	155	1	43	-5	26
10	-28	-0.002	0	0	0	10	-0.5	5	22	1.47	165	1	42	-5	26
10	-29	-0.002	0	0	0	29	-0.5	12	50	2.81	275	2	106	-5	56
10	-30	-0.002	0	0	0	22	-0.5	14	79	3.02	290	2	73	-5	62
10	-31	-0.002	0	0	0	19	-0.5	11	41	2.18	210	2	93	-5	40
10	-32	-0.002	0	0	0	23	-0.5	9	47	2.04	220	2	65	5	40
10	-33	-0.002	0	0	0	48	-0.5	11	38	2.26	210	1	80	5	42
10	-34	-0.002	0	0	0	65	-0.5	11	47	2.32	220	2	84	5	42
10	-35	-0.002	0	0	0	11	-0.5	8	29	2.5	290	1	38	5	48
10	-36	-0.002	0	0	0	17	-0.5	7	36	3.03	450	2	31	5	70
10	-37	-0.002	0	0	0	16	-0.5	8	30	2.54	280	1	43	5	44
10	-38	-0.002	0	0	0	16	-0.5	9	31	2.41	270	1	53	-5	38
10	-39	-0.002	0	0	0	9	-0.5	11	28	2.39	260	1	73	5	40
10	-40	-0.002	0	0	0	10	-0.5	10	33	2.35	250	1	68	-5	40
10	-41	-0.002	0	0	0	15	-0.5	8	28	2.04	215	1	53	-5	32
10	-42	-0.002	0	0	0	14	-0.5	9	35	2.16	230	1	73	-5	36
10	-43	-0.002	0	0	0	10	-0.5	7	25	1.61	205	1	46	5	30
10	-44	-0.002	0	0	0	7	-0.5	5	17	0.97	135	-1	25	-5	16
10	-45	-0.002	0	0	0	10	-0.5	8	28	2.22	210	1	45	-5	36
10	-46	-0.002	6	-2	-5	10	-0.5	5	21	1.17	175	1	24	-5	20
10	-47	-0.002	20	-2	-5	24	-0.5	11	33	2.46	220	-1	64	5	38
10	-48	-0.002	14	-2	-5	9	-0.5	13	32	2.51	260	-1	61	5	44
10	-49	-0.002	150	-2	-5	9	-0.5	9	29	2.1	215	1	48	-5	34
10	-50	-0.002	42	-2	-5	14	7	8	41	2.13	200	2	44	5	38
10	-51	-0.002	8	-2	-5	14	-0.5	8	40	2.51	215	1	48	5	38
10	-52	-0.002	6	-2	-5	12	-0.5	8	40	2.64	225	1	47	-5	44

APPENDIX III
Geochemical Preparation and Analytical Procedures



Analytical Chemists

Geochemists

Registered Assayers

1000 SWANK Ave.
North Vancouver, B.C.
Canada V7J 2C1

Phone: (604) 984-0221
Telex: 04-352597
Fax: (604) 984-0218

Au (oz/T) : Code 398

Gold analysis is carried out by standard fire assay techniques. In the sample preparation stage the screens are checked for metallics which, if present, are assayed separately and calculated into the results obtained from the pulp assay.

0.5(14.583 g) or 1 (29.166 gm) assay ton sub samples are fused in litharge, carbonate and silicious fluxes. The lead button containing the precious metals is cupelled in a muffle furnace. The resulting inquarted bead is parted, dissolved in Aqua Regia and dilute. The solution is run on an atomic absorption against known aqueous standard for gold content.

208 - ASSAY RING

a) Samples arrive in poly or olefin rock bags. Samples are ordered prior to crushing.

b) The sample is poured into a primary jaw, and crushed to approximately 1/4 inch. This is secondary crushed in a roll or cone crusher to approximately 10 mesh.

c) The crushed sample is then split using a Jones Riffle splitter to approximately 200 to 250 grams. The reject is poured into the original bag for storage, or return to client.

d) The sample split is put into a Rocklabs (large ring) ring mill, and rung to approximately 150 mesh. The pulped sample is poured into a 4x6 tin-top bag, (which has been labeled with the original number), sealed prior to being distributed to the analytical lab.

Arsenic ppm - Chemex Code 13

A 1.0 gram sample is digested with HNO_3 - aqua regia acids for approximately 2 hours. The digested solution is diluted to volume and mixed. An aliquot of the digest is acidified and reduced with NaBH_4 and arsenic content determined using flameless atomic absorption.

Detection limit: 1 ppm

TR 9

Prepared sample (1.0 gram) is digested with concentrated nitric-aqua regia acid at medium heat for approximately two hours. The acid solution is diluted to 25 mls with demineralized water. The solution is analysed by inductively coupled plasma optical emission spectroscopy for the nine elements.

Detection limits:

Ag	-	0.5	ppm
Mn	-	5	ppm
Zn	-	2	ppm
Co	-	1	ppm
Mo	-	1	ppm
Cu	-	1	ppm
Ni	-	1	ppm
Fe	-	0.01%	
Pb	-	5	ppm

APPENDIX IV
Geochemical Results for
Reverse Circulation chip-samples





Chemex Labs Ltd.

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

To: HI-TEC RESOURCE MANAGEMENT LTD. **

1590 - 609 GRANVILLE ST.
VANCOUVER, B.C.
V7Y 1C6

Page Number : 1
Total Pages : 1
Invoice Date : 2-FEB-90
Invoice No. : I-9010940
P.O. Number :

Project : 89-BC-039 #1
Comments : ATTN: VIRGINIA KURAN CC: DENIS COLLINS

CERTIFICATE OF ANALYSIS

A9010940

SAMPLE DESCRIPTION	PREP CODE	Au oz/T									
14742-A	-- --	-----									
14743-A	214 --	0.004									
14744-A	214 --	0.006									
14745-A	214 --	0.006									
14746-A	214 --	0.008									
14747-A	214 --	0.004									
14748-A	268 --	0.002									
14749-A	268 --	0.002									
14750-A	268 --	0.002									
14751-A	268 --	0.004									
14752-A	268 --	0.004									
14753-A	268 --	0.002									
14754-A	-- --	-----									
14755-A	268 --	< 0.002									
14756-A	-- --	-----									
14757-A	-- --	-----									
14758-A	268 --	0.002									
14759-A	268 --	0.002									
14760-A	-- --	-----									

CERTIFICATION: W. Bertmanini



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project: 89-BC-039 #2

Comments: ATTN: VIRGINIA KURAN CC: DENIS COLLINS

Page No. : 1
Tot. Pages: 3
Date : 6-FEB-90
Invoice #: I-9010941
P.O. # :

CERTIFICATE OF ANALYSIS A9010941

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm	
14794-A	208	294	< 0.002	—	—	—	2	< 0.5	15	58	2.97	210	4	113	15	76
14795-A	208	294	< 0.002	—	—	—	3	< 0.5	17	60	3.30	295	4	149	15	84
14796-A	208	294	< 0.002	—	—	—	4	< 0.5	19	61	3.58	250	4	127	20	74
14797-A	208	294	< 0.002	—	—	—	5	< 0.5	17	63	3.25	275	4	133	5	74
14798-A	208	294	< 0.002	—	—	—	17	< 0.5	17	57	3.08	285	4	163	50	66
14799-A	208	294	< 0.002	—	—	—	14	< 0.5	16	59	3.44	285	4	96	30	66
14800-A	208	294	0.004	—	—	—	11	< 0.5	18	58	3.91	360	3	135	5	82
14851-A	208	294	0.010	—	—	—	16	< 0.5	10	62	4.32	615	4	75	5	100
14852-A	208	294	< 0.002	—	—	—	9	< 0.5	15	36	4.32	495	< 1	37	10	84
14853-A	208	294	< 0.002	—	—	—	11	< 0.5	14	64	3.17	430	4	92	15	66
14854-A	208	294	< 0.002	—	—	—	7	< 0.5	9	37	2.95	460	2	24	25	42
14855-A	208	294	< 0.002	—	—	—	16	< 0.5	8	45	2.50	365	3	10	15	36
14856-A	208	294	0.008	—	—	—	6	< 0.5	8	45	2.71	410	< 1	8	10	36
14857-A	208	294	< 0.002	—	—	—	11	< 0.5	8	36	2.76	490	< 1	9	10	38
14858-A	208	294	< 0.002	—	—	—	19	0.5	8	40	2.52	445	2	8	5	34
14859-A	208	294	< 0.002	—	—	—	3	< 0.5	9	83	2.92	460	1	7	10	38
14860-A	208	294	< 0.002	—	—	—	5	< 0.5	9	86	2.66	435	2	7	10	36
14861-A	208	294	< 0.002	—	—	—	16	< 0.5	10	72	2.88	455	< 1	21	15	42
14862-A	208	294	< 0.002	—	—	—	3	< 0.5	8	29	2.20	340	< 1	8	5	30
14863-A	208	294	< 0.002	—	—	—	3	< 0.5	8	26	2.34	355	2	9	10	30
14864-A	208	294	< 0.002	—	—	—	2	< 0.5	7	17	2.32	325	< 1	7	5	30
14865-A	208	294	< 0.002	—	—	—	3	< 0.5	7	29	2.33	365	< 1	7	5	30
14866-A	208	294	< 0.002	—	—	—	3	< 0.5	8	49	2.89	475	2	7	< 5	36
14867-A	208	294	0.006	—	—	—	5	< 0.5	7	49	2.39	400	2	9	5	30
14868-A	208	294	0.002	—	—	—	3	< 0.5	7	66	2.71	440	4	6	< 5	32
14869-A	208	294	< 0.002	—	—	—	2	< 0.5	9	101	2.92	395	3	29	< 5	38
14870-A	208	294	< 0.002	—	—	—	2	< 0.5	15	121	2.89	285	8	132	< 5	44
14871-A	208	294	0.004	—	—	—	2	< 0.5	9	114	2.98	365	2	27	< 5	36
14872-A	208	294	< 0.002	—	—	—	1	< 0.5	22	71	3.21	215	3	220	< 5	54
14873-A	208	294	< 0.002	—	—	—	3	< 0.5	25	149	3.58	245	9	196	< 5	50
14874-A	208	294	< 0.002	—	—	—	2	< 0.5	15	85	2.81	225	10	103	< 5	42
14875-A	208	294	< 0.002	—	—	—	2	< 0.5	5	48	1.27	110	4	31	15	20
14876-A	208	294	< 0.002	—	—	—	1	< 0.5	32	209	4.64	255	12	95	< 5	62
14877-A	208	294	< 0.002	—	—	—	2	< 0.5	14	88	2.51	255	7	100	5	44
14878-A	208	294	< 0.002	—	—	—	1	< 0.5	22	119	2.85	185	9	203	5	36
14879-A	208	294	< 0.002	—	—	—	4	< 0.5	25	197	2.66	130	17	293	60	26
14880-A	208	294	< 0.002	12	4	< 5	39	< 0.5	42	100	2.97	285	12	966	< 5	20
14881-A	208	294	< 0.002	16	6	15	60	< 0.5	61	64	4.20	505	10	1785	< 5	24
14882-A	208	294	< 0.002	18	8	10	60	< 0.5	64	35	4.38	545	48	1730	< 5	28
14883-A	208	294	< 0.002	14	8	10	35	< 0.5	53	22	4.37	545	1	1715	< 5	26

CERTIFICATION :

B. Coughlin



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212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

To: RT-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project : 89-BC-039 #1

Comments: ATTN: VIRGINIA KURAN CC: DENIS COLLINS

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P.O. # :

CERTIFICATE OF ANALYSIS A9010941

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm
14884-A	208 294	< 0.002	70	8	10	240	< 0.5	50	13	3.68	665	3	1830	< 5	30
14885-A	208 294	< 0.002	56	6	10	170	< 0.5	52	11	3.89	575	45	1720	< 5	32
14886-A	208 294	< 0.002	40	8	10	100	< 0.5	54	14	4.13	640	4	1735	< 5	30
14887-A	208 294	< 0.002	14	6	5	50	< 0.5	52	11	4.04	640	2	1710	< 5	28
14888-A	208 294	< 0.002	26	6	5	70	< 0.5	53	6	4.08	650	< 1	1725	< 5	28
14889-A	208 294	< 0.002	10	6	10	23	< 0.5	56	8	4.11	565	1	1830	< 5	26
14890-A	208 294	< 0.002	10	6	< 5	20	< 0.5	46	9	4.31	515	1	1720	< 5	22
14891-A	208 294	< 0.002	16	6	< 5	57	< 0.5	48	15	4.26	575	< 1	1730	< 5	24
14892-A	208 294	< 0.002	16	6	< 5	41	< 0.5	46	17	4.11	515	< 1	1625	< 5	26
14893-A	208 294	< 0.002	30	8	< 5	90	< 0.5	49	18	4.37	610	1	1750	< 5	30
14894-A	208 294	< 0.002	12	8	< 5	48	< 0.5	48	32	4.20	510	< 1	1700	< 5	24
14895-A	208 294	0.004	44	6	< 5	160	< 0.5	47	9	4.22	615	< 1	1670	< 5	28
14896-A	208 294	0.004	74	8	10	220	< 0.5	46	5	4.16	535	< 1	1565	< 5	30
14897-A	208 294	0.002	86	8	< 5	300	< 0.5	45	4	3.84	475	< 1	1515	< 5	26
14898-A	208 294	0.002	98	8	< 5	340	< 0.5	45	4	4.15	540	< 1	1670	< 5	30
14899-A	208 294	0.012	86	6	< 5	290	< 0.5	40	4	3.81	505	< 1	1485	< 5	28
14900-A	208 294	0.006	76	6	< 5	300	< 0.5	42	5	3.95	650	< 1	1535	< 5	26
14901-A	208 294	0.006	250	4	< 5	910	< 0.5	42	3	4.07	735	< 1	1710	< 5	26
14902-A	208 294	0.004	92	4	< 5	330	< 0.5	32	15	3.25	445	< 1	1155	< 5	22
14903-A	208 294	< 0.002	68	6	10	250	< 0.5	46	2	4.35	640	< 1	1630	< 5	30
14904-A	208 294	< 0.002	88	6	15	290	< 0.5	42	2	4.02	510	< 1	1555	< 5	26
14905-A	208 294	< 0.002	74	8	15	230	< 0.5	47	3	4.55	640	< 1	1675	< 5	32
14906-A	208 294	< 0.002	80	6	10	290	< 0.5	55	5	5.13	870	< 1	1870	< 5	36
14907-A	208 294	< 0.002	72	6	< 5	240	< 0.5	48	4	4.37	745	< 1	1635	< 5	28
14908-A	208 294	< 0.002	84	8	< 5	260	< 0.5	43	2	3.99	600	< 1	1600	< 5	22
14909-A	208 294	< 0.002	88	10	15	330	< 0.5	42	2	4.01	530	< 1	1570	< 5	22
14910-A	208 294	< 0.002	74	8	15	250	< 0.5	45	1	3.97	590	< 1	1595	< 5	22
14911-A	208 294	< 0.002	80	8	< 5	240	< 0.5	50	1	4.22	645	< 1	1675	< 5	22
14912-A	208 294	< 0.002	80	8	< 5	230	< 0.5	45	2	3.98	520	< 1	1545	< 5	20
14913-A	208 294	< 0.002	44	8	10	120	< 0.5	44	1	3.93	530	< 1	1535	< 5	20
14914-A	208 294	< 0.002	50	6	10	170	< 0.5	42	2	4.08	545	< 1	1670	< 5	20
14915-A	208 294	< 0.002	80	6	15	420	< 0.5	50	3	4.59	600	< 1	1815	< 5	18
14916-A	208 294	< 0.002	88	6	10	320	< 0.5	48	4	4.07	550	< 1	1740	< 5	20
14917-A	208 294	< 0.002	56	4	10	230	< 0.5	33	< 1	3.04	395	< 1	1025	< 5	12
14918-A	208 294	< 0.002	32	6	< 5	100	< 0.5	46	4	4.06	555	< 1	1505	< 5	32
14919-A	208 294	< 0.002	34	6	15	110	< 0.5	48	2	4.59	605	< 1	1605	< 5	34
14920-A	208 294	< 0.002	36	8	10	100	< 0.5	50	4	4.56	625	< 1	1535	< 5	34
14921-A	208 294	< 0.002	92	6	10	340	< 0.5	43	14	4.01	590	1	1375	< 5	48
14922-A	208 294	< 0.002	---	---	---	9	< 0.5	13	59	3.02	385	4	119	< 5	66
14923-A	208 294	< 0.002	---	---	---	4	< 0.5	9	50	2.35	350	2	68	< 5	58

CERTIFICATION :



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212 BROOKSBANK AVE. NORTH VANCOUVER,
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PHONE (604) 984-0221

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project: 89-BC-019 #1

Comments: ATTN: VIRGINIA KURAN CC: DENIS COLLINS

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CERTIFICATE OF ANALYSIS A9010941

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm	
14924-A	208	294	< 0.002	=====	=====	=====	23	< 0.5	14	48	2.92	435	4	101	< 5	78
14925-A	208	294	< 0.002	=====	=====	=====	3	< 0.5	10	48	2.42	440	12	65	< 5	68
14926-A	208	294	< 0.002	=====	=====	=====	5	< 0.5	8	46	2.12	345	4	50	< 5	64
14927-A	208	294	< 0.002	=====	=====	=====	2	< 0.5	9	54	2.65	360	2	48	< 5	98
14928-A	208	294	< 0.002	=====	=====	=====	14	< 0.5	16	53	2.66	305	6	106	< 5	80
14929-A	208	294	< 0.002	=====	=====	=====	3	< 0.5	59	48	3.68	440	4	50	< 5	96
14930-A	208	294	< 0.002	=====	=====	=====	4	< 0.5	20	42	2.63	220	1	111	< 5	60

CERTIFICATION : B. Carlin



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112 BROOKSBANK AVE., NORTH VANCOUVER,
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To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project: 89-BC-039 #3

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CERTIFICATE OF ANALYSIS A9010942

SAMPLE DESCRIPTION	PREP CODE		Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm
	14931-A	208	294	< 0.002	---	---	---	4	< 0.5	15	54	2.67	200	4	123	20
14932-A	208	294	< 0.002	---	---	---	27	< 0.5	14	74	3.38	460	5	116	30	176
14933-A	208	294	< 0.002	---	---	---	15	< 0.5	17	77	3.52	330	5	139	5	78
14934-A	208	294	< 0.002	---	---	---	39	< 0.5	14	55	3.02	275	3	120	5	66
14935-A	208	294	0.004	---	---	---	140	< 0.5	13	53	3.29	385	4	117	10	72
14936-A	208	294	< 0.002	---	---	---	50	< 0.5	14	60	3.33	345	5	112	15	82
14937-A	208	294	< 0.002	---	---	---	5	< 0.5	14	63	3.19	320	5	109	15	72
14938-A	208	294	< 0.002	---	---	---	90	< 0.5	13	56	3.44	405	4	111	15	80
14939-A	208	294	< 0.002	---	---	---	16	< 0.5	13	62	4.29	410	4	86	10	92
14940-A	208	294	< 0.002	---	---	---	22	< 0.5	12	62	3.54	345	5	96	10	62
14941-A	208	294	< 0.002	---	---	---	30	< 0.5	14	52	2.78	260	3	111	10	58
14942-A	208	294	< 0.002	---	---	---	16	< 0.5	15	62	2.69	215	4	130	5	64
14943-A	208	294	< 0.002	---	---	---	22	< 0.5	14	52	3.03	255	3	104	5	64
14944-A	208	294	< 0.002	---	---	---	150	< 0.5	13	70	3.22	350	6	81	15	80
14945-A	208	294	0.002	---	---	---	250	< 0.5	16	75	2.99	270	3	109	5	54
14946-A	208	294	< 0.002	---	---	---	250	< 0.5	14	59	2.17	190	4	95	< 5	42
14947-A	208	294	< 0.002	---	---	---	27	< 0.5	12	47	2.29	230	3	85	5	36
14948-A	208	294	< 0.002	---	---	---	16	< 0.5	17	51	2.19	175	4	142	< 5	40
14949-A	208	294	< 0.002	---	---	---	29	< 0.5	15	54	2.63	260	3	107	< 5	52
14950-A	208	294	< 0.002	---	---	---	16	< 0.5	14	51	2.61	250	4	114	< 5	58
45201-A	208	294	< 0.002	---	---	---	14	< 0.5	16	62	2.82	250	4	118	< 5	60
45202-A	208	294	< 0.002	---	---	---	3	< 0.5	14	59	2.77	200	5	92	< 5	50
45203-A	208	294	< 0.002	---	---	---	16	< 0.5	14	76	3.31	385	9	110	< 5	82
45204-A	208	294	< 0.002	---	---	---	2	< 0.5	9	31	2.73	320	1	9	< 5	44
45205-A	208	294	< 0.002	---	---	---	3	< 0.5	8	49	2.93	330	1	9	< 5	40
45206-A	208	294	< 0.002	---	---	---	5	< 0.5	14	70	2.58	190	4	92	< 5	40
45207-A	208	294	< 0.002	---	---	---	2	< 0.5	12	82	3.59	360	8	9	< 5	52
45208-A	208	294	< 0.002	---	---	---	4	< 0.5	14	50	2.68	190	2	19	< 5	42
45209-A	208	294	< 0.002	---	---	---	2	< 0.5	16	77	2.69	190	5	110	< 5	52
45210-A	208	294	< 0.002	---	---	---	9	< 0.5	18	95	3.83	365	4	133	5	72
45211-A	208	294	< 0.002	---	---	---	2	< 0.5	22	59	2.86	225	4	140	< 5	60
45212-A	208	294	< 0.002	---	---	---	2	< 0.5	17	78	3.16	320	5	94	< 5	64
45213-A	208	294	< 0.002	---	---	---	12	< 0.5	17	74	2.84	255	6	125	< 5	60
45214-A	208	294	< 0.002	---	---	---	15	< 0.5	17	73	2.91	250	5	154	< 5	60
45215-A	208	294	< 0.002	---	---	---	3	< 0.5	21	53	1.72	120	2	42	5	16
45216-A	208	294	< 0.002	---	---	---	17	< 0.5	17	64	1.30	135	4	96	< 10	10
45217-A	208	294	0.002	110	< 6	< 5	550	< 0.5	41	28	2.09	410	1	1030	< 5	18
45218-A	208	294	0.002	30	< 2	< 5	130	< 0.5	18	50	2.59	260	3	255	< 5	38
45219-A	208	294	< 0.002	8	< 2	< 5	24	< 0.5	52	69	3.37	210	4	220	< 5	42
45220-A	208	294	0.002	68	4	< 5	290	< 0.5	39	59	3.16	310	1	666	< 5	32

CERTIFICATION :

B. Coughlin



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PHONE (604) 984-0221

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project: 89-BC-039 #3

Comments: ATTN: VIRGINIA KURAN CC: DENIS COLLINS

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SAMPLE DESCRIPTION	PREP CODE		Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm
	45221-A	208	294	0.002	98	8	< 5	360	< 0.5	68	8	3.81	465	1	1415	< 5
45222-A	208	294	0.002	120	6	< 5	470	< 0.5	75	6	4.21	560	1	1520	< 5	34
45223-A	208	294	0.008	350	< 2	< 5	1500	< 0.5	76	5	4.33	675	1	1925	< 5	38
45224-A	208	294	0.004	170	4	< 5	640	< 0.5	72	5	4.13	630	1	1565	< 5	34
45225-A	208	294	0.008	290	< 2	< 5	1100	< 0.5	69	3	3.95	665	1	1790	< 5	38
45226-A	208	294	0.006	180	< 2	< 5	800	< 0.5	46	4	2.83	525	2	1225	< 5	24
45227-A	208	294	0.004	180	6	< 5	780	< 0.5	51	4	3.16	540	1	1215	< 5	26
45228-A	208	294	< 0.002	6	< 2	< 5	14	< 0.5	12	36	2.31	370	1	64	< 5	34
45229-A	208	294	< 0.002	< 2	< 2	< 5	4	< 0.5	7	72	1.58	285	< 1	36	< 5	22
45230-A	208	294	< 0.002	---	---	---	5	< 0.5	14	92	2.22	220	1	56	< 5	28
45231-A	208	294	< 0.002	---	---	---	3	< 0.5	14	56	2.53	390	< 1	64	< 5	42
45232-A	208	294	< 0.002	---	---	---	19	< 0.5	15	33	2.20	365	< 1	98	< 5	32
45233-A	208	294	< 0.002	---	---	---	2	< 0.5	13	39	2.46	465	< 1	42	< 5	34
45234-A	208	294	< 0.002	---	---	---	6	< 0.5	17	80	3.41	490	2	87	< 5	42
45235-A	208	294	< 0.002	---	---	---	1	< 0.5	15	60	2.60	350	1	87	< 5	32
45236-A	208	294	< 0.002	---	---	---	1	< 0.5	17	34	1.87	175	< 1	94	< 5	24
45237-A	208	294	< 0.002	---	---	---	2	< 0.5	17	21	2.10	175	1	106	< 5	28
45238-A	208	294	< 0.002	---	---	---	1	< 0.5	13	40	2.15	240	1	54	< 5	28
45239-A	208	294	< 0.002	---	---	---	3	< 0.5	18	29	2.15	225	1	138	< 5	28
45240-A	208	294	< 0.002	---	---	---	2	< 0.5	12	44	2.05	220	1	43	< 5	28
45241-A	208	294	< 0.002	---	---	---	1	< 0.5	12	47	2.49	280	1	34	< 5	34
45242-A	208	294	< 0.002	---	---	---	1	< 0.5	14	36	2.34	230	1	67	< 5	32
45243-A	208	294	< 0.002	---	---	---	1	< 0.5	12	52	2.51	235	1	28	< 5	36
45244-A	208	294	< 0.002	---	---	---	2	< 0.5	11	31	2.38	255	1	28	< 5	40
45245-A	208	294	< 0.002	---	---	---	4	< 0.5	12	100	3.68	990	1	57	10	52
45246-A	208	294	< 0.002	---	---	---	2	< 0.5	9	89	2.72	735	1	39	< 5	40
45247-A	208	294	< 0.002	---	---	---	1	< 0.5	17	43	2.75	420	1	50	< 5	36
45248-A	208	294	< 0.002	---	---	---	2	< 0.5	16	117	2.74	295	1	79	< 5	34
45249-A	208	294	< 0.002	---	---	---	2	< 0.5	17	30	1.86	180	1	110	< 5	22
45250-A	208	294	< 0.002	---	---	---	1	< 0.5	17	21	2.05	170	2	111	10	24
45351-A	208	294	0.002	62	4	< 5	270	< 0.5	46	11	3.11	365	17	888	< 5	34
45352-A	208	294	0.002	80	6	15	360	< 0.5	71	6	3.68	455	1	1595	< 5	36
45353-A	208	294	< 0.002	86	4	5	370	< 0.5	74	4	3.89	490	1	1575	< 5	34
45354-A	208	294	< 0.002	56	8	10	320	< 0.5	70	5	3.91	495	1	1420	< 5	32

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

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212 BROOKSBANK AVE., NORTH VANCOUVER,
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To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project: 89-BC-039 #4

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CC: D. COLLINS

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SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm	
45395 A	208	294	< 0.002	—	—	—	7	< 0.5	9	72	2.43	370	5	56	5	88
45396 A	208	294	< 0.002	—	—	—	11	< 0.5	8	74	1.98	320	7	61	5	68
45397 A	208	294	< 0.002	—	—	—	22	< 0.5	17	54	3.23	355	3	79	15	90
45398 A	208	294	< 0.002	—	—	—	6	< 0.5	7	57	2.06	460	3	31	5	70
45399 A	208	294	< 0.002	4	2	< 5	2	< 0.5	5	55	1.77	330	3	23	< 5	54
45400	208	294	< 0.002	10	< 2	< 5	53	< 0.5	18	71	3.57	340	6	130	< 5	100
45401	208	294	< 0.002	4	< 2	< 5	9	< 0.5	22	61	3.27	180	1	67	< 5	64
45402	208	294	< 0.002	4	< 2	< 5	15	< 0.5	20	50	3.29	250	2	93	< 5	72
45403	208	294	< 0.002	6	4	< 5	1	< 0.5	8	75	2.02	325	5	30	< 5	60
45404	208	294	< 0.002	4	4	5	7	< 0.5	15	54	3.26	360	5	57	5	72
45405	208	294	< 0.002	4	< 2	< 5	5	< 0.5	11	51	3.48	525	2	41	< 5	78
45406	208	294	< 0.002	6	4	< 5	2	< 0.5	11	48	3.33	670	1	27	< 5	78
45407	208	294	< 0.002	4	2	< 5	2	< 0.5	9	77	2.40	500	5	29	5	84
45408	208	294	< 0.002	6	4	< 5	10	< 0.5	10	78	2.42	370	4	52	5	78
45409	208	294	< 0.002	6	4	< 5	5	< 0.5	7	77	2.50	405	13	36	5	108
45410	208	294	< 0.002	6	2	< 5	16	< 0.5	6	60	2.32	435	5	31	10	92
45411	208	294	< 0.002	—	—	—	32	< 0.5	17	56	2.69	360	4	191	5	78
45412	208	294	< 0.002	—	—	—	15	< 0.5	11	48	2.44	330	3	88	5	62
45413	208	294	< 0.002	—	—	—	17	< 0.5	16	54	3.14	440	3	149	10	90
45414	208	294	< 0.002	—	—	—	35	< 0.5	13	38	1.76	195	3	161	5	42
45415	208	294	< 0.002	—	—	—	22	< 0.5	15	51	2.49	400	2	122	5	70
45416	208	294	< 0.002	—	—	—	19	< 0.5	19	75	4.00	545	2	150	5	92
45417	208	294	< 0.002	—	—	—	11	< 0.5	12	52	2.38	395	2	88	5	64
45418	208	294	< 0.002	—	—	—	16	< 0.5	9	53	2.14	365	4	65	< 5	58
45419	208	294	< 0.002	—	—	—	6	< 0.5	6	9	1.62	225	1	26	< 5	26
45420	208	294	< 0.002	—	—	—	6	< 0.5	5	73	1.53	230	4	29	< 5	40
45421	208	294	< 0.002	—	—	—	12	< 0.5	12	48	1.58	185	7	135	5	40
45422	208	294	< 0.002	—	—	—	12	< 0.5	11	61	2.07	220	18	116	5	78
45423	208	294	< 0.002	—	—	—	15	< 0.5	8	54	1.94	220	8	84	5	60
45424	208	294	< 0.002	—	—	—	150	< 0.5	27	14	2.08	320	2	567	< 5	34
45425	208	294	< 0.002	—	—	—	150	< 0.5	46	7	2.90	465	1	892	< 5	28
45426	208	294	< 0.002	—	—	—	230	< 0.5	65	6	3.82	540	1	1275	< 5	32
45427	208	294	< 0.002	—	—	—	170	< 0.5	69	3	3.97	505	1	1410	< 5	28
45428	208	294	< 0.002	—	—	—	140	< 0.5	69	3	3.94	515	2	1405	< 5	30
45429	208	294	< 0.002	—	—	—	140	< 0.5	68	5	4.03	640	1	1295	< 5	28
45430	208	294	< 0.002	—	—	—	210	< 0.5	74	4	4.23	585	3	1530	< 5	32
45431	208	294	< 0.002	—	—	—	110	< 0.5	70	3	3.93	525	1	1370	< 5	30
45432	208	294	< 0.002	—	—	—	100	< 0.5	69	4	3.81	485	1	1415	< 5	28
45433	208	294	< 0.002	—	—	—	110	< 0.5	70	4	4.06	540	2	1385	< 5	30
45434	208	294	< 0.002	—	—	—	100	< 0.5	65	10	3.75	545	2	1265	< 5	28

CERTIFICATION:

B. Coghlin



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 212 BROOKSBANK AVE., NORTH VANCOUVER,
 BRITISH COLUMBIA, CANADA V7J-1C1
 PHONE (604) 984-0221

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
 VANCOUVER, B.C.
 V7Y 1C6

Project: K9-BC-039 #4
 Comments: ATTN: VIRGINIA KURAN

Page No. : 1
 Tot. Pages: 3
 Date : 13-FEB-90
 Invoice #: I-9010977
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CC: D. COLLINS

CERTIFICATE OF ANALYSIS A9010977

SAMPLE DESCRIPTION	PREP CODE		Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm
45355 A	208	294	< 0.002	—	—	—	9	< 0.5	5	53	2.66	450	3	36	5	70
45356 A	208	294	< 0.002	—	—	—	14	< 0.5	8	49	2.55	485	2	46	5	74
45357 A	208	294	< 0.002	—	—	—	15	< 0.5	16	52	3.64	355	2	104	10	88
45358 A	208	294	< 0.002	—	—	—	60	< 0.5	11	69	2.81	490	3	86	5	90
45359 A	208	294	< 0.002	—	—	—	90	< 0.5	16	74	2.97	540	3	136	10	94
45360 A	208	294	< 0.002	—	—	—	50	< 0.5	18	50	2.57	500	3	194	10	60
45361 A	208	294	< 0.002	—	—	—	35	< 0.5	20	46	1.94	425	3	314	5	42
45362 A	208	294	< 0.002	—	—	—	320	< 0.5	28	57	2.37	1985	3	194	15	90
45363 A	208	294	< 0.002	—	—	—	350	< 0.5	21	69	2.90	960	4	146	10	114
45364 A	208	294	< 0.002	—	—	—	60	< 0.5	10	37	2.22	485	2	68	10	76
45365 A	208	294	< 0.002	—	—	—	430	< 0.5	9	78	2.42	390	5	60	15	110
45366 A	208	294	< 0.002	—	—	—	200	< 0.5	12	73	2.44	575	4	64	10	134
45367 A	208	294	< 0.002	—	—	—	250	< 0.5	16	78	2.71	900	4	68	10	142
45368 A	208	294	< 0.002	—	—	—	700	< 0.5	5	105	2.21	150	7	33	10	94
45369 A	208	294	0.004	—	—	—	1300	0.5	5	60	1.78	160	7	20	5	52
45370 A	208	294	< 0.002	—	—	—	650	0.5	7	71	2.09	475	4	30	5	70
45371 A	208	294	< 0.002	—	—	—	750	0.5	8	83	2.36	450	6	40	10	86
45372 A	208	294	< 0.004	—	—	—	1900	0.5	1	35	2.48	110	10	16	10	46
45373 A	208	294	< 0.002	—	—	—	540	0.5	5	44	3.06	235	18	26	10	96
45374 A	208	294	< 0.002	—	—	—	40	< 0.5	7	61	2.19	505	6	34	10	90
45375 A	208	294	< 0.002	—	—	—	50	< 0.5	11	61	2.91	555	5	87	5	102
45376 A	208	294	< 0.002	—	—	—	17	< 0.5	8	73	2.52	340	6	52	5	102
45377 A	208	294	< 0.002	—	—	—	43	< 0.5	5	63	2.06	220	3	33	5	72
45378 A	208	294	< 0.002	—	—	—	9	< 0.5	4	49	2.08	240	2	26	< 5	66
45379 A	208	294	< 0.002	—	—	—	29	< 0.5	5	52	2.01	300	3	32	10	76
45380 A	208	294	< 0.002	—	—	—	50	< 0.5	7	61	2.08	335	4	28	20	62
45381 A	208	294	< 0.002	—	—	—	50	< 0.5	8	71	2.48	460	12	37	10	112
45382 A	208	294	< 0.002	—	—	—	51	< 0.5	7	55	2.16	410	6	27	15	76
45383 A	208	294	< 0.002	—	—	—	46	< 0.5	5	56	1.74	510	5	40	20	68
45384 A	208	294	< 0.002	—	—	—	50	< 0.5	7	73	2.48	360	14	41	10	86
45385 A	208	294	< 0.002	—	—	—	35	< 0.5	9	90	2.99	380	12	43	10	106
45386 A	208	294	< 0.002	—	—	—	45	< 0.5	11	77	2.98	560	8	82	15	102
45387 A	208	294	< 0.002	—	—	—	35	< 0.5	10	63	2.41	370	6	77	15	78
45388 A	208	294	< 0.002	—	—	—	43	< 0.5	12	58	2.01	275	5	134	20	54
45389 A	208	294	< 0.002	—	—	—	39	< 0.5	19	53	1.92	405	5	66	15	58
45390 A	208	294	< 0.002	—	—	—	55	< 0.5	14	70	3.05	365	6	82	10	92
45391 A	208	294	< 0.002	—	—	—	33	< 0.5	11	82	2.65	305	12	63	10	100
45392 A	208	294	< 0.002	—	—	—	38	< 0.5	11	101	2.80	435	6	82	35	88
45393 A	208	294	< 0.002	—	—	—	43	< 0.5	15	79	3.44	485	10	130	10	122
45394 A	208	294	< 0.002	—	—	—	12	< 0.5	11	56	2.58	515	5	94	< 5	76

CERTIFICATION :



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212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project: 89-BC-019 #4

Comments: ATTN: VIRGINIA KURAN

* Page No. : 3
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Invoice #: I-9010977
P.O. # :

CC: D. COLLINS

CERTIFICATE OF ANALYSIS A9010977

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm
45435	208 294	< 0.002	—	—	—	50	< 0.5	69	3	3.91	505	2	1345	< 5	30
45436	208 294	< 0.002	—	—	—	100	< 0.5	63	5	3.52	460	1	1330	< 5	28
45437	208 294	< 0.002	—	—	—	110	0.5	67	5	3.54	445	1	1445	< 5	28
45438	208 294	< 0.002	—	—	—	90	1.5	65	5	3.47	455	4	1280	< 5	38
45439	208 294	0.006	—	—	—	760	< 0.5	43	2	2.26	310	1	1190	< 5	18
45440	208 294	0.005	—	—	—	490	< 0.5	45	34	2.49	355	1	1185	< 5	16
45441	208 294	< 0.002	—	—	—	11	< 0.5	10	58	1.60	185	1	46	5	18
45442	208 294	< 0.002	—	—	—	33	< 0.5	12	63	2.19	260	1	82	5	26

CERTIFICATION : B. Coughlin



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

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
 VANCOUVER, B.C.
 V7Y 1C8

Page Number : 1
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 Invoice Date: 16-FEB-90
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Project : 89-BC-039 #5

Comments: ATTN: VIRGINIA KURAN

CC: DENIS A. COLLINS

CERTIFICATE OF ANALYSIS A9011119

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
45443 A	208 294	< 0.002	----	----	----	6	< 0.5	6	73	2.38	395	5	37	10	74
45444 A	208 294	< 0.002	----	----	----	7	< 0.5	7	76	3.03	475	5	52	10	74
45445 A	208 294	< 0.002	----	----	----	15	< 0.5	8	76	2.94	390	6	35	5	82
45446 A	208 294	< 0.002	----	----	----	39	< 0.5	13	57	2.34	340	4	113	5	64
45447 A	208 294	< 0.002	----	----	----	12	< 0.5	25	145	3.52	145	2	99	< 5	56
45448 A	208 294	< 0.002	----	----	----	90	< 0.5	16	71	2.28	185	5	177	5	54
45449 A	208 294	< 0.002	----	----	----	70	< 0.5	15	53	1.75	175	3	213	5	36
45450 A	208 294	< 0.002	----	----	----	80	< 0.5	10	47	1.89	165	3	130	5	48
45451 A	208 294	< 0.002	----	----	----	16	< 0.5	18	41	3.07	320	2	90	< 5	58
45452 A	208 294	< 0.002	----	----	----	2	< 0.5	9	18	2.66	380	1	32	< 5	46
45453 A	208 294	< 0.002	----	----	----	9	< 0.5	30	47	2.35	315	1	600	< 5	30
45454 A	208 294	< 0.002	----	----	----	6	< 0.5	47	37	2.67	380	1	987	< 5	22
45455 A	208 294	< 0.002	----	----	----	1	< 0.5	19	56	3.20	555	2	114	< 5	60
45456 A	208 294	< 0.002	----	----	----	1	< 0.5	16	60	2.79	460	4	103	10	52
45457 A	208 294	< 0.002	4	< 2	< 5	5	< 0.5	15	61	2.39	240	3	149	< 5	50
45458 A	208 294	< 0.002	4	< 2	< 5	3	< 0.5	19	64	3.06	340	3	151	< 5	66
45459 A	208 294	< 0.002	< 2	< 2	< 5	9	< 0.5	5	47	1.24	135	3	39	5	26
45460 A	208 294	< 0.002	----	----	----	46	< 0.5	14	9	0.92	125	3	411	< 5	10
45461 A	208 294	< 0.002	----	----	----	60	< 0.5	64	3	3.48	545	1	1370	< 5	30
45462 A	208 294	< 0.002	----	----	----	60	< 0.5	73	4	3.89	585	1	1595	< 5	30
45463 A	208 294	< 0.002	----	----	----	80	< 0.5	77	4	4.11	670	2	1570	< 5	32
45464 A	208 294	< 0.002	----	----	----	24	< 0.5	78	4	4.06	610	1	1610	< 5	32
45465 A	208 294	< 0.002	----	----	----	27	< 0.5	78	4	4.02	595	1	1620	< 5	30
45466 A	208 294	< 0.002	----	----	----	32	< 0.5	88	4	4.38	705	1	1730	< 5	34
45467 A	208 294	< 0.002	----	----	----	90	< 0.5	81	6	4.31	680	1	1695	< 5	32
45468 A	208 294	< 0.002	----	----	----	50	< 0.5	80	5	4.34	635	1	1765	< 5	32
45469 A	208 294	< 0.002	----	----	----	39	< 0.5	84	5	4.28	655	1	1770	< 5	32
45470 A	208 294	< 0.002	----	----	----	50	< 0.5	81	4	3.88	615	1	1760	< 5	28
45471 A	208 294	< 0.002	----	----	----	100	< 0.5	86	5	4.30	665	1	1875	< 5	32
45472 A	208 294	< 0.002	----	----	----	23	< 0.5	85	4	4.36	600	1	1735	< 5	32
45473 A	208 294	< 0.002	----	----	----	27	< 0.5	81	4	4.19	585	1	1665	< 5	30
45474 A	208 294	< 0.002	----	----	----	36	< 0.5	83	5	4.26	575	1	1735	< 5	30
45475 A	208 294	< 0.002	----	----	----	16	< 0.5	49	7	3.09	420	1	951	< 5	24
45476 A	208 294	< 0.002	----	----	----	41	< 0.5	68	4	3.88	555	1	1340	< 5	32
45477 A	208 294	< 0.002	----	----	----	43	< 0.5	79	4	4.14	590	1	1640	< 5	32
45478 A	208 294	< 0.002	----	----	----	48	< 0.5	75	11	4.43	615	1	1570	5	32
45479 A	208 294	< 0.002	----	----	----	60	< 0.5	79	15	4.29	610	2	1740	< 5	32
45480 A	208 294	< 0.002	----	----	----	90	< 0.5	64	13	3.85	625	1	1325	< 5	26
45481 A	208 294	< 0.002	----	----	----	80	< 0.5	75	13	4.27	585	1	1585	5	30
45482 A	208 294	< 0.002	----	----	----	60	< 0.5	74	8	4.28	615	1	1550	< 5	30

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

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

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

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CERTIFICATE OF ANALYSIS A9011119

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
45483 A	208 294	0.002	-----	-----	-----	90	< 0.5	65	17	3.89	655	1	1375	10	26
45484 A	208 294	< 0.002	-----	-----	-----	51	< 0.5	79	11	4.32	710	1	1675	< 5	30
45485 A	208 294	< 0.002	-----	-----	-----	55	< 0.5	77	11	4.41	705	1	1575	< 5	30
45486 A	208 294	< 0.002	-----	-----	-----	41	< 0.5	81	9	4.37	660	1	1690	< 5	28
45487 A	208 294	< 0.002	-----	-----	-----	27	< 0.5	69	8	3.52	525	< 1	1410	< 5	22
45488 A	208 294	< 0.002	-----	-----	-----	50	< 0.5	78	7	4.19	595	1	1630	< 5	28
45489 A	208 294	< 0.002	-----	-----	-----	32	< 0.5	35	27	3.20	415	1	499	10	30
45490 A	208 294	< 0.002	-----	-----	-----	16	< 0.5	13	15	3.17	520	1	105	< 5	48

CERTIFICATION :

B. Cagli



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 PHONE: 604-984-0221

To: HI-TEC RESOURCE MANAGEMENT LTD.

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CERTIFICATE OF ANALYSIS A9011375

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
14252 A	208 294	< 0.002	-----	-----	-----	4	< 0.5	13	48	3.37	300	1	28	5	38
14253 A	208 294	< 0.002	-----	-----	-----	50	< 0.5	44	37	3.46	425	< 1	1100	< 5	24
14254 A	208 294	< 0.002	-----	-----	-----	24	< 0.5	47	23	4.24	575	< 1	1380	< 5	24
14255 A	208 294	< 0.002	14	4	< 5	25	< 0.5	49	21	3.95	495	< 1	1485	< 5	24
14256 A	208 294	< 0.002	14	6	< 5	25	< 0.5	50	12	3.99	530	< 1	1540	< 5	22
14257 A	208 294	< 0.002	14	6	10	32	< 0.5	48	8	3.89	485	< 1	1570	< 5	20
14258 A	208 294	< 0.002	12	6	< 5	23	< 0.5	49	8	4.05	505	< 1	1560	< 5	26
14259 A	208 294	< 0.002	12	6	10	20	< 0.5	50	16	4.03	525	< 1	1590	< 5	22
14260 A	208 294	< 0.002	40	6	10	22	< 0.5	51	13	3.95	525	< 1	1610	< 5	24
14261 A	208 294	0.002	38	6	10	100	< 0.5	56	17	4.66	575	< 1	1660	< 5	26
14262 A	208 294	0.002	68	6	< 5	150	< 0.5	48	9	4.00	520	< 1	1490	< 5	26
14263 A	208 294	< 0.002	14	4	10	30	< 0.5	51	8	4.15	515	< 1	1465	< 5	24
14264 A	208 294	< 0.002	14	6	5	27	< 0.5	46	7	3.34	400	< 1	1340	< 5	20
14265 A	208 294	< 0.002	10	6	< 5	12	< 0.5	44	4	2.94	340	< 1	1280	< 5	16
45495 A	208 294	< 0.002	-----	-----	-----	3	1.0	19	49	3.07	290	< 1	43	< 5	24
45496 A	208 294	< 0.002	-----	-----	-----	5	0.5	28	127	3.57	275	1	24	< 5	26
45497 A	208 294	< 0.002	-----	-----	-----	9	1.0	18	61	3.12	345	4	94	5	32
45498 A	208 294	< 0.002	-----	-----	-----	4	< 0.5	17	74	3.81	375	7	33	10	36
45499 A	208 294	< 0.002	-----	-----	-----	4	< 0.5	16	55	4.26	475	7	23	< 5	48
45500 A	208 294	< 0.002	-----	-----	-----	6	< 0.5	15	71	3.12	275	4	19	< 5	24

CERTIFICATION :

B. Coughlin



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212 BROOKSBANK AVE., NORTH VANCOUVER,
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PHONE (604) 984-0121

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project: 89-BC-039#6

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P.O. # :

CERTIFICATE OF ANALYSIS A9011448

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm	
14266 A	208	294	0.002	32	< 2	< 5	2	< 0.5	9	68	2.31	310	7	56	10	66
14267 A	208	294	0.002	10	< 2	< 5	1	< 0.5	8	62	2.00	320	8	29	< 5	76
14268 A	208	294	< 0.002	6	< 2	< 5	1	< 0.5	7	47	2.22	375	3	23	< 5	76
14269 A	208	294	< 0.002	10	< 2	< 5	2	< 0.5	7	53	2.57	420	4	23	< 5	80
14270 A	208	294	< 0.002	4	2	< 5	3	< 0.5	20	74	2.66	225	5	230	5	72
14271 A	208	294	< 0.002	4	< 2	< 5	2	0.5	10	64	2.60	355	3	58	5	82
14272 A	208	294	0.002	4	< 2	< 5	1	0.5	8	59	2.19	300	2	30	10	74
14273 A	208	294	< 0.002	2	< 2	< 5	2	0.5	10	57	2.89	330	3	45	< 5	92
14274 A	208	294	< 0.002	4	2	< 5	1	< 0.5	8	58	2.84	295	5	48	< 5	94
14275 A	208	294	< 0.002	4	2	< 5	2	< 0.5	21	76	2.97	210	5	204	5	62
14276 A	208	294	< 0.002	=====	=====	=====	3	< 0.5	19	71	2.83	340	7	217	< 5	62
14277 A	208	294	< 0.002	=====	=====	=====	33	< 0.5	34	67	3.06	455	4	413	< 5	62
14278 A	208	294	< 0.002	=====	=====	=====	19	< 0.5	27	66	2.35	330	2	383	< 5	42
14279 A	208	294	< 0.002	=====	=====	=====	55	< 0.5	34	66	2.25	270	3	538	< 5	32
14280 A	208	294	< 0.002	=====	=====	=====	50	< 0.5	49	67	2.13	205	2	750	< 5	22
14281 A	208	294	< 0.002	=====	=====	=====	9	< 0.5	16	67	2.86	210	4	298	< 5	34
14282 A	208	294	< 0.002	=====	=====	=====	4	< 0.5	10	68	2.49	320	3	108	< 5	66
14283 A	208	294	< 0.002	=====	=====	=====	6	< 0.5	14	64	2.34	195	7	177	< 5	68
14284 A	208	294	< 0.002	4	2	< 5	17	< 0.5	17	51	2.31	200	5	197	< 5	56
14285 A	208	294	< 0.002	10	2	< 5	53	< 0.5	19	44	2.26	195	1	237	15	42
14286 A	208	294	< 0.002	4	2	< 5	16	< 0.5	15	55	4.16	380	< 1	130	< 5	80
14287 A	208	294	< 0.002	=====	=====	=====	35	< 0.5	20	44	3.70	300	< 1	229	< 5	74
14288 A	208	294	< 0.002	=====	=====	=====	2	< 0.5	11	42	5.04	625	< 1	48	< 5	106
14289 A	208	294	< 0.002	=====	=====	=====	2	< 0.5	11	40	5.12	620	< 1	38	< 5	108
14290 A	208	294	< 0.002	=====	=====	=====	2	< 0.5	11	42	4.97	590	< 1	35	15	112
14291 A	208	294	< 0.002	=====	=====	=====	2	< 0.5	11	86	5.26	525	1	24	20	108
14292 A	208	294	< 0.002	=====	=====	=====	10	< 0.5	11	65	4.78	575	< 1	29	< 5	108
14293 A	208	294	< 0.002	=====	=====	=====	17	< 0.5	13	71	5.25	700	< 1	39	< 5	108
14294 A	208	294	< 0.002	=====	=====	=====	10	< 0.5	14	46	5.19	685	< 1	41	< 5	106
14295 A	208	294	< 0.002	=====	=====	=====	3	< 0.5	12	71	5.34	565	< 1	27	15	110
14296 A	208	294	< 0.002	=====	=====	=====	3	< 0.5	12	60	5.00	570	< 1	24	< 5	104
14297 A	208	294	< 0.002	=====	=====	=====	1	< 0.5	11	48	4.87	480	< 1	20	< 5	102
14298 A	208	294	< 0.002	=====	=====	=====	3	< 0.5	12	62	4.76	365	< 1	18	< 5	100
14299 A	208	294	< 0.002	=====	=====	=====	2	< 0.5	13	51	4.89	355	< 1	23	< 5	108
14300 A	208	294	< 0.002	=====	=====	=====	1	< 0.5	13	49	4.54	340	< 1	21	< 5	98
14301 A	208	294	< 0.002	=====	=====	=====	1	< 0.5	13	65	4.99	355	< 1	22	< 5	108
14302 A	208	294	< 0.002	=====	=====	=====	1	< 0.5	11	57	5.24	390	< 1	25	< 5	112
14303 A	208	294	< 0.002	=====	=====	=====	2	< 0.5	12	64	5.41	415	< 1	26	< 5	112
14304 A	208	294	< 0.002	=====	=====	=====	2	< 0.5	11	60	4.91	370	< 1	22	< 5	100
14305 A	208	294	< 0.002	=====	=====	=====	2	< 0.5	11	57	4.98	415	< 1	25	< 5	102

CERTIFICATION :

B. Coughlin



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212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project : 89-BC-03986

Comments: ATTN: D. COLLINS CC: J. P. SORBARA

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Invoice # : I-9011448
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CERTIFICATE OF ANALYSIS A9011448

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm	
14306 A	208	294	< 0.002	=====	=====	=====	5	< 0.5	13	67	4.89	470	< 1	27	< 5	124
14307 A	208	294	< 0.002	=====	=====	=====	6	< 0.5	14	69	4.61	370	< 1	26	< 5	106
14308 A	208	294	< 0.002	=====	=====	=====	5	< 0.5	14	58	4.81	425	< 1	27	< 5	104
14309 A	208	294	< 0.002	=====	=====	=====	3	< 0.5	12	57	4.67	505	< 1	29	< 5	98
14310 A	208	294	< 0.002	=====	=====	=====	33	< 0.5	12	60	4.91	690	1	24	5	102
14311 A	208	294	< 0.002	=====	=====	=====	5	< 0.5	10	80	3.80	540	1	23	< 5	94
14312 A	208	294	< 0.002	=====	=====	=====	6	< 0.5	8	60	2.06	385	< 1	25	< 5	68
14313 A	208	294	< 0.002	=====	=====	=====	5	< 0.5	8	60	2.49	370	3	35	< 5	78
14314 A	208	294	< 0.002	=====	=====	=====	9	< 0.5	10	74	2.70	485	2	41	< 5	86
14315 A	208	294	< 0.002	=====	=====	=====	6	0.5	9	56	2.29	355	1	70	< 5	70
14316 A	208	294	< 0.002	=====	=====	=====	3	< 0.5	4	46	1.33	245	1	16	< 5	38
14317 A	208	294	< 0.002	=====	=====	=====	5	0.5	7	47	1.84	275	1	48	< 5	52
14318 A	208	294	< 0.002	=====	=====	=====	5	< 0.5	6	71	1.66	250	1	38	5	50

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212 BROOKSBANK AVE. NORTH VANCOUVER,
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To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project: 89-BC-039 #7

Comments: ATTN: D. COLLINS / J. SORBARA

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CERTIFICATE OF ANALYSIS A9011449

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	
14319 A	208	294	< 0.002	—	—	—	24	< 0.5	10	61	1.68	200	< 1	107	< 5	98
14320 A	208	294	< 0.002	—	—	—	9	< 0.5	7	39	1.82	210	< 1	55	< 5	26
14321 A	208	294	< 0.002	—	—	—	6	< 0.5	7	87	2.67	255	< 1	17	< 5	36
14322 A	208	294	< 0.002	—	—	—	17	< 0.5	32	59	3.51	415	< 1	924	< 5	38
14323 A	208	294	< 0.002	92	8	10	23	< 0.5	41	10	3.77	450	< 1	1385	< 5	32
14324 A	208	294	< 0.002	50	6	< 5	140	< 0.5	43	11	3.91	455	< 1	1445	< 5	32
14325 A	208	294	< 0.002	—	—	—	95	< 0.5	24	34	2.50	285	< 1	647	< 5	30
14326 A	208	294	< 0.002	—	—	—	105	< 0.5	24	32	2.35	285	< 1	661	< 5	28
14327 A	208	294	< 0.002	—	—	—	180	0.5	36	2	3.43	465	6	1275	< 5	30
14328 A	208	294	< 0.002	94	6	5	260	0.5	41	< 1	3.69	500	1	1420	< 5	30
14329 A	208	294	< 0.002	44	6	< 5	90	< 0.5	35	9	3.31	510	< 1	1355	< 5	28
14330 A	208	294	< 0.002	—	—	—	295	< 0.5	33	6	3.20	525	2	1335	< 5	28
14331 A	208	294	< 0.002	—	—	—	90	< 0.5	33	10	3.16	500	< 1	1280	< 5	26
14332 A	208	294	< 0.002	—	—	—	70	< 0.5	34	9	3.16	480	< 1	1325	< 5	30
14333 A	208	294	< 0.002	—	—	—	100	< 0.5	32	15	3.09	465	< 1	1170	< 5	30
14334 A	208	294	< 0.002	26	6	< 5	55	< 0.5	35	18	3.17	485	< 1	1285	< 5	26
14335 A	208	294	< 0.002	16	6	< 5	33	< 0.5	37	29	3.31	485	2	1370	< 5	32
14336 A	208	294	< 0.002	20	4	5	45	< 0.5	37	14	3.22	495	< 1	1375	< 5	28
14337 A	208	294	< 0.002	14	8	5	25	< 0.5	37	23	3.18	485	< 1	1365	< 5	32
14338 A	208	294	0.002	—	—	—	80	< 0.5	38	8	3.32	535	< 1	1455	< 5	28
14339 A	208	294	< 0.002	—	—	—	60	< 0.5	47	12	4.34	595	< 1	1710	< 5	32
14340 A	208	294	< 0.002	—	—	—	135	< 0.5	48	11	4.58	630	< 1	1755	< 5	34
14341 A	208	294	< 0.002	—	—	—	175	0.5	52	21	4.65	630	< 1	1785	< 5	34
14342 A	208	294	< 0.002	—	—	—	120	< 0.5	50	10	4.61	630	< 1	1650	< 5	32
14343 A	208	294	< 0.002	—	—	—	110	< 0.5	49	10	4.64	630	11	1775	< 5	32
14344 A	208	294	0.002	—	—	—	145	0.5	47	10	4.41	580	4	1730	< 5	32
14345 A	208	294	< 0.002	—	—	—	80	0.5	50	13	4.54	575	13	1725	< 5	34
14346 A	208	294	< 0.002	—	—	—	50	< 0.5	32	39	2.28	305	14	758	< 5	14
14347 A	208	294	< 0.002	32	4	< 5	95	< 0.5	43	18	3.95	520	20	1515	< 5	30
14348 A	208	294	< 0.002	80	6	< 5	220	0.5	44	12	4.29	585	26	1585	< 5	32
14349 A	208	294	< 0.002	56	6	< 5	150	< 0.5	44	13	4.11	530	8	1600	< 5	30
14350 A	208	294	< 0.002	78	8	< 5	210	< 0.5	43	34	4.06	545	< 1	1630	< 5	32
14401 A	208	294	< 0.002	140	8	< 5	390	0.5	44	8	4.18	570	< 1	1760	< 5	32
14402 A	208	294	< 0.002	74	8	< 5	220	< 0.5	46	9	4.39	565	< 1	1730	< 5	30
14403 A	208	294	0.002	100	8	< 5	270	0.5	44	20	4.38	560	< 1	1715	< 5	32
14404 A	208	294	< 0.002	74	6	< 5	210	0.5	47	15	4.46	560	< 1	1785	< 5	32
14405 A	208	294	< 0.002	90	8	< 5	235	0.5	44	11	4.36	535	1	1655	< 5	34
14406 A	208	294	< 0.002	82	6	< 5	200	0.5	45	15	4.69	575	2	1705	< 5	30
14407 A	208	294	< 0.002	52	6	< 5	160	0.5	47	15	4.55	590	< 1	1695	< 5	30
14408 A	208	294	< 0.002	44	6	< 5	120	0.5	49	12	4.55	575	24	1765	< 5	30

CERTIFICATION :

B. Cough



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 212 BROOKSBANK AVE., NORTH VANCOUVER,
 BRITISH COLUMBIA CANADA V7J-2C1
 PHONE (604) 984-9221

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
 VANCOUVER, B.C.
 V7Y 1C6

Project: 89-BC-039 #7

Comments: ATTN: D. COLLINS / J. SORBARA

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CERTIFICATE OF ANALYSIS A9011449

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm
14409 A	208 294	0.002	78	6	< 5	200	0.5	49	8	4.43	585	< 1	1815	< 5	30
14410 A	208 294	0.002	70	6	< 5	160	0.5	47	8	4.28	575	< 1	1720	< 5	30
14411 A	208 294	0.002	54	6	< 5	100	0.5	46	9	4.28	585	< 1	1640	< 5	30
14412 A	208 294	0.002	---	---	---	180	0.5	51	9	4.74	660	< 1	1825	< 5	40
14413 A	208 294	0.004	---	---	---	300	0.5	51	7	4.87	710	2	1795	< 5	38
14414 A	208 294	0.004	---	---	---	325	0.5	46	9	4.30	600	7	1660	< 5	38
14415 A	208 294	0.006	---	---	---	670	0.5	39	19	3.67	570	2	1595	< 5	28
14416 A	208 294	0.004	---	---	---	315	0.5	46	34	4.14	555	2	1605	< 5	46
14417 A	208 294	0.004	110	6	< 5	285	0.5	47	30	4.06	550	< 1	1610	< 5	36
14418 A	208 294	0.002	94	4	< 5	220	0.5	51	26	4.28	550	< 1	1765	< 5	32
14419 A	208 294	< 0.002	36	8	< 5	85	< 0.5	48	28	4.11	525	< 1	1620	< 5	32
14420 A	208 294	< 0.002	18	6	< 5	40	0.5	51	36	4.38	545	< 1	1700	< 5	48
14421 A	208 294	0.002	60	4	< 5	160	0.5	43	27	4.08	555	< 1	1455	< 5	30
14422 A	208 294	0.002	76	4	< 5	240	0.5	48	27	4.09	555	< 1	1615	< 5	32
14423 A	208 294	0.002	84	6	< 5	220	0.5	46	96	4.35	605	< 1	1585	< 5	36
14424 A	208 294	0.002	72	6	< 5	90	< 0.5	27	11	2.15	285	< 1	821	< 5	14
14425 A	208 294	< 0.002	72	4	< 5	170	< 0.5	43	16	3.88	510	3	1515	< 5	30
14426 A	208 294	0.002	100	2	< 5	280	< 0.5	27	47	2.73	325	82	1010	< 5	22
14427 A	208 294	0.004	92	< 2	< 5	290	< 0.5	21	36	2.25	270	4	729	< 5	24
14428 A	208 294	0.006	140	4	< 5	370	< 0.5	38	18	3.09	400	1	1430	< 5	24
14429 A	208 294	0.008	230	4	10	720	< 0.5	23	12	1.67	275	< 1	1260	< 5	14
14430 A	208 294	0.004	---	---	---	395	< 0.5	23	33	2.15	300	20	1150	< 5	20
14431 A	208 294	< 0.002	---	---	---	20	0.5	5	87	2.60	255	15	61	< 5	18
14432 A	208 294	< 0.002	---	---	---	6	< 0.5	11	142	2.78	185	5	25	< 5	22
14433 A	208 294	< 0.002	---	---	---	4	< 0.5	13	218	2.94	225	90	20	< 5	18
14434 A	208 294	< 0.002	---	---	---	12	< 0.5	11	153	3.18	260	8	39	< 5	24
14435 A	208 294	< 0.002	---	---	---	3	< 0.5	13	156	3.61	355	< 1	15	< 5	38
14436 A	208 294	< 0.002	---	---	---	7	< 0.5	12	129	3.29	300	3	28	< 5	30

CERTIFICATION :

B. Coughlin



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212 BROOKSBANK AVE. NORTH VANCOUVER,
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PHONE (604) 984-0221

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project: 89-BC-039 #8

Comments: ATTN: VIRGINIA KURAN

CC: D COLLINS / J P SORBARA

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CERTIFICATE OF ANALYSIS A9011505

SAMPLE DESCRIPTION	PREP CODE		Au oz/T	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm
14437 A	208	294	< 0.002	30	< 0.5	10	39	1.67	170	< 2	114	5	54
14438 A	208	294	< 0.002	16	< 0.5	17	49	3.07	410	< 1	96	10	56
14439 A	208	294	< 0.002	38	< 0.5	18	59	2.96	295	< 1	102	< 5	66
14440 A	208	294	0.008	110	< 0.5	9	102	2.10	180	3	56	5	54
14441 A	208	294	0.012	180	< 0.5	17	120	3.32	375	3	75	5	78
14442 A	208	294	< 0.002	50	< 0.5	10	89	2.45	175	2	40	5	78
14443 A	208	294	< 0.002	55	< 0.5	12	115	2.70	170	5	54	5	78
14444 A	208	294	< 0.002	38	< 0.5	14	51	2.92	200	8	43	10	74
14445 A	208	294	< 0.002	25	< 0.5	20	117	3.03	195	6	53	5	78
14446 A	208	294	< 0.002	15	< 0.5	8	51	2.14	160	3	39	5	60
14447 A	208	294	< 0.002	9	< 0.5	5	20	1.89	155	3	32	< 5	36
14448 A	208	294	< 0.002	10	< 0.5	5	23	1.94	150	3	34	< 15	32
14449 A	208	294	< 0.002	6	< 0.5	5	24	1.81	150	2	27	< 5	32
14450 A	208	294	< 0.002	6	< 0.5	6	47	2.19	165	3	37	5	38
14451 A	208	294	< 0.002	5	< 0.5	15	45	2.38	180	4	41	< 5	36
14452 A	208	294	< 0.002	16	< 0.5	5	31	1.97	165	3	31	< 5	36
14453 A	208	294	< 0.002	14	< 0.5	4	23	1.86	165	1	25	5	36
14454 A	208	294	< 0.002	10	< 0.5	3	34	1.63	145	2	25	10	24
14455 A	208	294	< 0.002	12	< 0.5	7	38	2.13	255	3	15	5	36
14456 A	208	294	< 0.002	75	< 0.5	6	58	1.91	235	2	16	15	36
14457 A	208	294	< 0.002	15	< 0.5	3	15	1.51	165	< 1	20	< 5	34
14458 A	208	294	< 0.002	50	< 0.5	4	36	1.59	150	1	23	< 5	30
14459 A	208	294	0.004	200	< 0.5	6	59	2.08	230	3	20	< 5	36
14460 A	208	294	0.052	3800	< 0.5	11	140	3.73	330	1	45	5	70
14461 A	208	294	0.024	2650	< 0.5	9	82	3.40	370	2	30	5	74
14462 A	208	294	0.014	440	< 0.5	12	96	2.94	425	3	29	20	56
14463 A	208	294	0.046	1650	< 0.5	7	113	2.24	255	2	27	15	56
14464 A	208	294	0.006	160	< 0.5	10	80	3.33	490	13	40	5	90
14465 A	208	294	0.004	100	< 0.5	9	63	3.70	540	2	47	5	82
14466 A	208	294	0.016	1200	< 0.5	8	58	3.56	490	1	32	5	76
14467 A	208	294	0.004	270	< 0.5	10	43	3.97	705	1	58	< 5	104
14468 A	208	294	< 0.002	85	< 0.5	8	45	3.65	585	1	37	< 5	98
14469 A	208	294	0.012	320	< 0.5	7	38	3.59	510	3	18	5	92
14470 A	208	294	< 0.002	30	< 0.5	6	32	3.59	520	3	15	5	98
14471 A	208	294	0.002	80	< 0.5	6	31	3.54	495	2	14	< 5	94
14472 A	208	294	< 0.002	33	< 0.5	7	31	3.71	545	2	14	< 5	98
14473 A	208	294	< 0.002	29	< 0.5	6	42	3.34	505	2	18	< 5	94
14474 A	208	294	< 0.002	16	< 0.5	7	63	2.89	365	4	32	5	112
14475 A	208	294	< 0.002	6	< 0.5	6	48	3.51	495	5	20	5	112
14476 A	208	294	< 0.002	23	< 0.5	9	54	3.65	500	3	42	< 5	114

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 BROOKSBANK AVE NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V1J-2C1

PHONE (604) 984-0221

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project: 89-BC-019 #8

Comments: ATTN: VIRGINIA KURAN

CC: D. COLLINS / J. P. SORBARA

Page No.: 2
Tot. Pages: 2
Date: 21-FEB-90
Invoice #: I-9011505
P.O. #:

CERTIFICATE OF ANALYSIS A9011505

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm		
14477 A	208	294	< 0.002	24	< 0.5	8	89	2.47	245	4	34	5	112	
14478 A	208	294	< 0.002	60	< 0.5	12	52	3.02	550	3	84	< 5	80	
14479 A	208	294	< 0.002	110	< 0.5	13	61	3.17	515	5	91	< 5	104	
14480 A	208	294	< 0.002	60	< 0.5	11	52	2.93	555	3	62	< 5	74	
14481 A	208	294	< 0.002	60	< 0.5	9	64	2.86	440	5	46	5	84	
14482 A	208	294	< 0.002	70	< 0.5	10	37	2.82	520	6	58	< 5	74	
14483 A	208	294	< 0.002	41	< 0.5	11	50	2.81	530	5	60	< 5	74	
14484 A	208	294	< 0.002	33	< 0.5	10	31	2.56	415	1	42	5	56	
14485 A	208	294	< 0.002	32	< 0.5	10	45	3.19	605	3	63	5	82	
14486 A	208	294	< 0.002	24	< 0.5	13	48	3.83	500	3	93	5	110	
14487 A	208	294	< 0.002	19	< 0.5	10	52	2.97	545	4	58	< 5	82	
14488 A	208	294	< 0.002	200	< 0.5	17	43	3.07	715	3	233	< 5	68	
14489 A	208	294	< 0.002	27	< 0.5	8	12	3.00	625	< 1	20	< 5	62	
14490 A	208	294	< 0.002	670	< 0.5	28	9	2.63	545	3	571	< 5	46	
14491 A	208	294	< 0.002	630	< 0.5	29	43	2.30	285	4	600	< 5	32	
14492 A	208	294	< 0.002	225	< 0.5	17	37	1.94	225	4	266	< 5	36	
14493 A	208	294	< 0.002	150	< 0.5	19	72	2.03	185	3	270	5	36	
14494 A	208	294	< 0.002	100	< 0.5	15	77	3.11	420	5	130	< 10	70	
14495 A	208	294	< 0.002	80	< 0.5	14	62	2.56	300	4	139	< 5	50	
14496 A	208	294	< 0.002	90	< 0.5	54	38	3.51	510	1	1010	5	38	
14497 A	208	294	< 0.002	27	< 0.5	26	51	2.08	255	2	446	5	28	
14498 A	208	294	< 0.002	16	< 0.5	22	35	2.43	295	2	262	5	38	
14499 A	208	294	< 0.002	14	< 0.5	19	31	1.67	210	3	251	5	18	
14500 A	208	294	< 0.002	33	< 0.5	35	57	2.36	300	2	646	5	28	
14951 A	208	294	< 0.002	25	< 0.5	36	72	2.11	250	2	699	5	22	
14952 A	208	294	< 0.002	55	< 0.5	21	59	2.62	265	2	172	< 5	42	
14953 A	208	294	< 0.002	70	< 0.5	22	70	2.91	275	3	206	< 5	50	
14954 A	208	294	< 0.002	38	< 0.5	15	68	3.03	385	5	156	< 5	64	
14955 A	208	294	< 0.002	6	< 0.5	7	32	2.60	345	1	41	< 5	60	
14956 A	208	294	< 0.002	4	< 0.5	9	42	3.77	365	2	21	< 5	86	
14957 A	208	294	< 0.002	36	< 0.5	14	55	2.56	435	3	131	5	54	
14958 A	208	294	< 0.002	19	< 0.5	14	66	2.92	395	3	113	5	64	
14959 A	208	294	< 0.002	33	< 0.5	18	60	3.75	705	3	166	5	76	
14960 A	208	294	< 0.002	9	< 0.5	9	57	3.66	435	3	27	5	80	
14961 A	208	294	< 0.002	6	< 0.5	10	62	4.18	465	3	28	< 5	94	

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

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

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
 VANCOUVER, B.C.
 V7Y 1C6

Page Number : 1
 Total Pages : 2
 Invoice Date: 27-FEB-90
 Invoice No. : I-9011598
 P.O. Number :

Project : 89-BC-039#9
 Comments: ATTN: V. KURAN

CC: D. COLLINS

CERTIFICATE OF ANALYSIS A9011598

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
14962 A	208 294	0.012	----	----	----	350	< 0.5	5	49	1.72	140	1	35	< 5	24
14963 A	208 294	0.010	----	----	----	150	< 0.5	6	77	2.69	190	1	47	< 5	56
14964 A	208 294	0.004	----	----	----	100	< 0.5	4	58	1.95	175	1	30	< 5	38
14965 A	208 294	0.004	----	----	----	90	< 0.5	4	46	1.54	135	1	29	< 5	18
14966 A	208 294	0.004	----	----	----	90	< 0.5	4	37	1.36	125	1	22	< 5	20
14967 A	208 294	0.008	----	----	----	80	< 0.5	3	35	1.56	140	1	24	< 5	24
14968 A	208 294	0.008	----	----	----	110	< 0.5	3	34	1.77	165	1	27	< 5	28
14969 A	208 294	0.039	----	----	----	200	< 0.5	6	71	2.33	205	3	35	< 5	52
14970 A	208 294	0.008	----	----	----	90	0.5	8	77	2.54	275	4	42	< 5	92
14971 A	208 294	< 0.002	----	----	----	70	< 0.5	14	56	2.90	315	2	159	< 5	58
14972 A	208 294	< 0.002	----	----	----	60	< 0.5	13	51	3.41	360	2	174	< 5	72
14973 A	208 294	< 0.002	----	----	----	50	< 0.5	10	63	3.37	435	4	109	< 5	82
14974 A	208 294	< 0.002	----	----	----	120	< 0.5	12	47	2.47	345	3	105	< 5	58
14975 A	208 294	< 0.002	----	----	----	90	< 0.5	11	67	3.90	615	6	153	< 5	98
14976 A	208 294	< 0.002	----	----	----	160	< 0.5	11	58	3.53	585	3	129	< 5	96
14977 A	208 294	0.004	----	----	----	280	< 0.5	13	68	3.63	455	5	149	< 5	96
14978 A	208 294	< 0.002	----	----	----	220	< 0.5	11	61	3.83	530	3	120	< 5	94
14979 A	208 294	< 0.002	----	----	----	190	< 0.5	10	53	3.63	510	3	110	< 5	84
14980 A	208 294	0.008	----	----	----	200	< 0.5	10	57	3.04	310	3	92	< 5	58
14981 A	208 294	0.022	----	----	----	570	0.5	20	98	6.02	845	4	98	< 5	132
14982 A	208 294	0.010	----	----	----	210	< 0.5	15	66	4.04	560	6	130	< 5	100
14983 A	208 294	0.010	----	----	----	290	< 0.5	13	85	3.77	520	6	126	< 5	102
14984 A	208 294	0.006	----	----	----	170	< 0.5	9	62	2.91	345	4	80	< 5	54
14985 A	208 294	< 0.002	----	----	----	50	< 0.5	9	49	2.84	340	1	71	< 5	50
14986 A	208 294	< 0.002	----	----	----	22	< 0.5	15	29	3.60	435	1	78	< 5	64
14987 A	208 294	< 0.002	----	----	----	16	< 0.5	12	64	2.36	235	< 1	53	< 5	40
14988 A	208 294	< 0.002	----	----	----	12	< 0.5	20	105	3.77	275	< 1	92	< 5	68
14989 A	208 294	< 0.002	----	----	----	4	< 0.5	20	53	4.62	375	< 1	86	< 5	80
14990 A	208 294	< 0.002	----	----	----	4	< 0.5	22	42	5.33	400	< 1	98	< 5	88
14991 A	208 294	0.006	----	----	----	50	< 0.5	21	79	4.77	425	3	190	< 5	86
14992 A	208 294	< 0.002	----	----	----	19	< 0.5	21	59	3.47	240	3	248	< 5	64
14993 A	208 294	< 0.002	----	----	----	17	< 0.5	15	47	2.64	210	2	137	< 5	42
14994 A	208 294	< 0.002	----	----	----	23	< 0.5	13	47	2.56	235	3	148	< 5	48
14995 A	208 294	< 0.002	----	----	----	4	< 0.5	17	36	4.49	295	5	50	< 5	92
14996 A	208 294	< 0.002	----	----	----	3	< 0.5	7	22	3.43	375	5	19	< 5	90
14997 A	208 294	< 0.002	----	----	----	3	< 0.5	10	39	3.19	285	4	37	< 5	68
14998 A	208 294	< 0.002	----	----	----	4	< 0.5	14	32	2.98	215	6	81	< 5	66
14999 A	208 294	< 0.002	----	----	----	7	< 0.5	9	29	2.28	220	2	44	< 5	36
15000 A	208 294	< 0.002	----	----	----	9	< 0.5	12	28	2.87	240	1	52	< 5	44
9-01	208 294	< 0.002	----	----	----	2	< 0.5	13	14	2.76	160	< 1	37	< 5	42

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

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

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
 VANCOUVER, B.C.
 V7Y 1C6

Page Number : 2
 Total Pages : 2
 Invoice Date: 27-FEB-90
 Invoice No. : I-9011598
 P.O. Number :

Project : 89-BC-039#9
 Comments: ATTN: V. KURAN

CC: D. COLLINS

CERTIFICATE OF ANALYSIS A9011598

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
9-02	208 294	< 0.002	-----	-----	-----	2	< 0.5	14	19	2.85	155	1	32	< 5	50
9-03	208 294	< 0.002	-----	-----	-----	7	< 0.5	13	33	3.13	285	2	57	< 5	58
9-04	208 294	< 0.002	-----	-----	-----	22	< 0.5	16	47	4.03	350	2	124	< 5	84
9-05	208 294	< 0.002	-----	-----	-----	16	< 0.5	18	52	4.49	425	1	119	< 5	100
9-06	208 294	< 0.002	-----	-----	-----	17	< 0.5	12	36	3.59	385	3	71	< 5	92
9-07	208 294	< 0.002	-----	-----	-----	3	< 0.5	6	16	3.43	465	1	25	< 5	86
9-08	208 294	< 0.002	-----	-----	-----	2	< 0.5	4	10	3.35	520	3	12	< 5	88
9-09	208 294	< 0.002	-----	-----	-----	4	< 0.5	6	15	3.36	405	1	21	< 5	82
9-10	208 294	< 0.002	4	< 2	< 5	11	< 0.5	6	25	1.63	195	1	24	< 5	26
9-11	208 294	< 0.002	18	< 2	< 5	24	< 0.5	9	32	2.67	265	1	50	< 5	44
9-12	208 294	0.014	-----	-----	-----	260	< 0.5	12	36	2.69	350	3	92	< 5	62
9-13	208 294	0.008	-----	-----	-----	230	< 0.5	14	43	2.90	300	2	85	< 5	56
9-14	208 294	0.020	-----	-----	-----	400	< 0.5	13	65	3.20	470	4	88	< 5	72
9-15	208 294	0.012	-----	-----	-----	410	< 0.5	11	91	2.97	345	4	100	< 5	58
9-16	208 294	0.008	-----	-----	-----	250	< 0.5	9	59	2.55	375	2	72	< 5	54
9-17	208 294	0.002	-----	-----	-----	180	< 0.5	11	69	2.87	385	3	107	< 5	64
9-18	208 294	0.008	-----	-----	-----	280	< 0.5	10	78	2.95	400	3	83	< 5	64
9-19	208 294	0.006	-----	-----	-----	300	< 0.5	11	119	3.04	435	9	89	< 5	68
9-20	208 294	0.012	-----	-----	-----	260	< 0.5	10	54	2.86	430	3	75	< 5	72
9-21	208 294	0.002	-----	-----	-----	330	< 0.5	17	50	3.26	460	2	185	< 5	78
9-22	208 294	0.002	-----	-----	-----	200	< 0.5	11	48	2.86	410	3	117	< 5	76
9-23	208 294	0.037	-----	-----	-----	150	< 0.5	8	47	2.52	375	3	45	< 5	60
9-24	208 294	0.004	-----	-----	-----	300	< 0.5	13	55	3.54	510	4	112	< 5	90
9-25	208 294	0.006	-----	-----	-----	350	< 0.5	14	48	3.69	630	2	149	< 5	96
9-26	208 294	0.010	-----	-----	-----	130	< 0.5	9	48	3.44	585	2	49	< 5	78
9-27	208 294	0.008	-----	-----	-----	220	< 0.5	8	55	3.42	615	1	33	< 5	78
9-28	208 294	0.006	-----	-----	-----	90	< 0.5	8	59	3.37	610	2	33	< 5	78
9-29	208 294	0.008	-----	-----	-----	120	< 0.5	8	48	3.40	600	2	29	< 5	74
9-30	208 294	0.073	-----	-----	-----	80	< 0.5	10	62	3.47	430	1	47	< 5	62
9-31	208 294	0.016	-----	-----	-----	220	< 0.5	12	57	4.08	660	2	58	< 5	108
9-32	208 294	0.010	-----	-----	-----	160	< 0.5	8	50	3.97	580	2	30	< 5	98
9-33	208 294	0.012	-----	-----	-----	240	< 0.5	7	42	3.04	430	< 1	30	< 5	70
9-34	208 294	0.018	-----	-----	-----	300	< 0.5	10	51	2.92	415	1	77	< 5	66
9-35	208 294	0.020	-----	-----	-----	400	< 0.5	14	87	3.17	395	4	103	< 5	70
9-36	208 294	0.037	-----	-----	-----	160	< 0.5	9	53	2.22	320	8	48	< 5	52
9-37	208 294	0.008	-----	-----	-----	120	< 0.5	9	50	2.03	230	2	45	< 5	44

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
VANCOUVER, B.C.
V7Y 1C6

Project: 89-BC-039#10

Comments: ATTN: V. KURAN

CC: D. COLLINS

• Page No. : 1
Tot. Pages: 1
Date : 27-FEB-90
Invoice #: I-9011599
P.O. # :

CERTIFICATE OF ANALYSIS A9011599

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	As ppm	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mb ppm	Ni ppm	Pb ppm	Zn ppm			
10-01	208 294	< 0.002	19	< 0.5	16	59	2.61	180	< 1	87	< 5	40			
10-02	208 294	0.006	23	< 0.5	17	60	2.81	225	1	93	< 5	42			
10-03	208 294	0.006	12	< 0.5	17	57	2.84	245	1	86	< 5	44			
10-04	208 294	0.002	9	< 0.5	18	44	3.09	290	< 1	94	< 5	44			
10-05	208 294	< 0.002	9	< 0.5	18	50	3.49	380	< 1	81	< 5	60			
10-06	208 294	0.002	53	< 0.5	9	14	4.76	815	< 1	14	< 5	86			
10-07	208 294	0.008	500	< 0.5	10	55	2.64	310	2	48	< 5	54			
10-08	208 294	0.008	440	< 0.5	9	38	2.62	275	< 1	34	< 5	52			
10-09	208 294	0.004	210	< 0.5	13	35	3.40	350	1	127	< 5	80			
10-10	208 294	< 0.002	80	< 0.5	10	40	3.08	485	1	73	< 5	84			
10-11	208 294	< 0.002	38	< 0.5	10	28	3.54	555	2	89	< 5	84			
10-12	208 294	< 0.002	160	< 0.5	9	52	2.69	385	2	65	< 5	74			
10-13	208 294	< 0.002	19	< 0.5	15	48	2.03	165	2	95	< 5	36			
10-14	208 294	< 0.002	20	< 0.5	12	44	2.09	180	2	124	< 5	40			
10-15	208 294	< 0.002	36	< 0.5	10	53	2.32	310	2	79	< 5	52			
10-16	208 294	< 0.002	15	< 0.5	8	42	2.64	535	3	40	< 5	66			
10-17	208 294	< 0.002	35	< 0.5	7	45	2.30	470	2	49	< 5	62			
10-18	208 294	< 0.002	24	< 0.5	10	43	2.27	300	3	71	< 5	48			
10-19	208 294	< 0.002	38	< 0.5	13	73	2.03	200	< 1	68	< 5	34			
10-20	208 294	< 0.002	27	< 0.5	17	24	3.70	285	< 1	122	< 5	70			

CERTIFICATION :

B. Coughlin



Chemex Labs Ltd.

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

To: HI-TEC RESOURCE MANAGEMENT LTD.

1500 - 609 GRANVILLE STREET
 VANCOUVER, B.C.
 V7Y 1C6

Page Number : 1
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 Invoice Date: 1-MAR-90
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Project : 89-BC-39 #10A
 Comments: ATTN: V. KURAN

CC: D. COLLINS

CERTIFICATE OF ANALYSIS A9011600

SAMPLE DESCRIPTION	PREP CODE	Au oz/T	Au ppb AFS	Pd ppb AFS	Pt ppb AFS	As ppm	Ag ppm	Co ppm	Cu ppm	Fe ‡	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm
10-21	208 294	< 0.002	----	----	----	17	< 0.5	19	81	3.74	250	3	146	5	70
10-22	208 294	< 0.002	----	----	----	36	< 0.5	22	51	1.95	145	2	119	5	42
10-23	208 294	< 0.002	----	----	----	57	< 0.5	14	48	2.13	205	4	183	5	46
10-24	208 294	< 0.002	----	----	----	33	< 0.5	12	58	2.15	265	1	169	5	46
10-25	208 294	< 0.002	----	----	----	39	< 0.5	12	37	1.88	210	1	163	< 5	36
10-26	208 294	< 0.002	----	----	----	15	< 0.5	6	23	1.64	160	1	54	5	28
10-27	208 294	< 0.002	----	----	----	12	< 0.5	5	25	1.57	155	1	43	< 5	26
10-28	208 294	< 0.002	----	----	----	10	< 0.5	5	22	1.47	165	1	42	< 5	26
10-29	208 294	< 0.002	----	----	----	29	< 0.5	12	50	2.81	275	2	106	< 5	56
10-30	208 294	< 0.002	----	----	----	22	< 0.5	14	79	3.02	290	2	73	< 5	62
10-31	208 294	< 0.002	----	----	----	19	< 0.5	11	41	2.18	210	2	93	< 5	40
10-32	208 294	< 0.002	----	----	----	23	< 0.5	9	47	2.04	220	2	65	5	40
10-33	208 294	< 0.002	----	----	----	48	< 0.5	11	38	2.26	210	1	80	5	42
10-34	208 294	< 0.002	----	----	----	65	< 0.5	11	47	2.32	220	2	84	5	42
10-35	208 294	< 0.002	----	----	----	11	< 0.5	8	29	2.50	290	1	38	5	48
10-36	208 294	< 0.002	----	----	----	17	< 0.5	7	36	3.03	450	2	31	5	70
10-37	208 294	< 0.002	----	----	----	16	< 0.5	8	30	2.54	280	1	43	5	44
10-38	208 294	< 0.002	----	----	----	16	< 0.5	9	31	2.41	270	1	53	< 5	38
10-39	208 294	< 0.002	----	----	----	9	< 0.5	11	28	2.39	260	1	73	5	40
10-40	208 294	< 0.002	----	----	----	10	< 0.5	10	33	2.35	250	1	68	< 5	40
10-41	208 294	< 0.002	----	----	----	15	< 0.5	8	28	2.04	215	1	53	< 5	32
10-42	208 294	< 0.002	----	----	----	14	< 0.5	9	35	2.16	230	1	73	< 5	36
10-43	208 294	< 0.002	----	----	----	10	< 0.5	7	25	1.61	205	1	46	5	30
10-44	208 294	< 0.002	----	----	----	7	< 0.5	5	17	0.97	135	< 1	25	< 5	16
10-45	208 294	< 0.002	----	----	----	10	< 0.5	8	28	2.22	210	1	45	< 5	36
10-46	208 294	< 0.002	6	< 2	< 5	10	< 0.5	5	21	1.17	175	1	24	< 5	20
10-47	208 294	< 0.002	20	< 2	< 5	24	< 0.5	11	33	2.46	220	< 1	64	5	38
10-48	208 294	< 0.002	14	< 2	< 5	9	< 0.5	13	32	2.51	260	< 1	61	5	44
10-49	208 294	< 0.002	150	< 2	< 5	9	< 0.5	9	29	2.10	215	1	48	< 5	34
10-50	208 294	< 0.002	42	< 2	< 5	14	7.0	8	41	2.13	200	2	44	5	38
10-51	208 294	< 0.002	8	< 2	< 5	14	< 0.5	8	40	2.51	215	1	48	5	38
10-52	208 294	< 0.002	6	< 2	< 5	12	< 0.5	8	40	2.64	225	1	47	< 5	44

CERTIFICATION :

B. Coughlin

APPENDIX V
Sierra Geosciences Ltd. Geophysical Report



GEOPHYSICAL REPORT
ON
LINECUTTING, IP AND RESISTIVITY SURVEYS
OVER A PORTION OF THE
STANDARD CREEK PROPERTY
BRALORNE AREA
LILLOOET M.D., BRITISH COLUMBIA

PROPERTY : On Piebiter Creek, about 24 km
by road from the village of
Bralorne, B.C.

: 50° 42' North Latitude
: 122° 37' West Longitude

: N.T.S. 92J/10E

WRITTEN FOR : ARMENO RESOURCES INC.. &
TRANS ATLANTIC RES. INC.
500 - 1111 W. Hastings St.
Vancouver, B.C.,

WRITTEN BY : Pat Cruickshank, Geophysicist
Tracy J. Campbell, Geophysicist
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#601-543 Granville Street
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DATE : January 30, 1990

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Compilation Survey Plan	1: 5,000	3
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SUMMARY

Linecutting, and IP and resistivity surveys were carried out from December 28, 1989 to January 17, 1990 along nine lines within the Standard Creek property approximately 13 km east-southeast of Bralorne, within south-western British Columbia.

The Standard Creek Property is underlain by the Fergusson, Cadwallader and Taylor Creek Groups. All are intruded mainly by the Bralorne Diorite, the President ultrabasics and the Coast plutonic rocks. Sulphides in the area of this survey are known to occur disseminated within metaquartzites, and associated with the President Intrusives. The best gold values of the Piebiter Creek Area generally occur within siliceous chert and tuffaceous chert beds.

The purpose of the resistivity survey on the Piebiter Grid was to more accurately delineate potential shear systems and quartz-biotite schists, both to depth and along strike. The purpose of the resistivity survey was therefore to map the structure and alteration, and thus any gold mineralization, as resistivity low-high sequences.

The purpose of the IP survey was to locate sulphides suspected to be associated with these mineralization systems.

The property is accessible by 4-wheel drive vehicle equipped with tire chains. The terrain consists of steep slopes, and covered with coniferous trees with moderately thick underbrush.

The IP and resistivity surveys were carried out using a Hunttec receiver operating in the time-domain mode. The array used was double-dipole read at five separations with a dipole length and reading interval of 30 m. A total of eight survey lines were surveyed, and the results were plotted in pseudosection form and contoured. Also, plan contour maps were plotted for a level of $n=1$.

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CONCLUSIONS

The IP and resistivity surveys have responded very well to mineralization and structure on the Piebiter Grid of the Standard Creek property.

Eight anomalies have been identified as promising exploration targets. These are labelled A to H. They are identified as either resistivity highs or lows, and most have associated IP highs, suggesting the presence of sulphides.

Resistivity highs have been labelled as anomalies A, B and C. The causative source of each is very likely quartzites or ultramafics. Where IP highs are associated with these anomalies, they occur on the footwall side of each of the anomalies and on the edge of resistivity lows. The causative source(s) of the IP highs are most likely sulphides which could exist at a contact zone.

Resistivity lows have been labelled from D to H. Anomalies F, G and H show some correlation with IP highs. With the exception of anomaly H, only side-by-side correlation exists. The causative source of each could be a shear and/or alteration zone. The causative source of anomaly H could be a shear or alteration zone mineralized with sulphides.

RECOMMENDATIONS

A drilling programme should be carried out over the more interesting anomalies, to qualify their causative sources and test for the existence of economic mineralization. Care should be taken with regards to the terrain, as it is very steep over most of the area of these surveys.

Following the results of the drill program, further IP and resistivity surveys may be desirable to the west and to the east. Because of the steep terrain and the amount of snow on the property, any further geophysical surveys should be carried out in the summer months.

9001_1

GEOPHYSICAL REPORT
ON
LINECUTTING, IP AND RESISTIVITY SURVEYS
OVER A PORTION OF THE
STANDARD CREEK PROPERTY
BRALORNE AREA
LILLOOET M.D., BRITISH COLUMBIA

INTRODUCTION AND GENERAL REMARKS

This report discusses the instrumentation, theory, field procedure and results of induced polarization (IP) and resistivity surveys carried out over a portion of the Standard Creek Property. The property is located approximately 13 km southeast of the town of Bralorne and 25 km south-southeast of the town of Goldbridge, BC.

The linecutting was completed from December 28, 1989 to January 4, 1990. The IP and resistivity surveys were carried out from January 5 to January 14, 1990 under the alternate supervision of Mr. Tracy Campbell, geophysicist and Mr. Marc Beaupré, geophysical technician. They were assisted by Mr. Marc Habel, senior geophysical field technician, who also formed part of the field crew. Two additional helpers formed the crew of four.

The purpose of the resistivity survey on the Standard Creek Property was to more accurately delineate potential shear systems and quartz-biotite schists, both to depth and along strike. The purpose of the resistivity survey was therefore to map the structure and alteration, and thus any gold mineralization, as resistivity low-high sequences.

The purpose of the IP survey was to locate sulphides suspected to be associated with these mineralization systems.

PROPERTY AND OWNERSHIP

The Standard Creek property consists of 171 claims, claim groups and crown grants as listed below, and the outline of which is shown on map #2.

<u>Pat Group</u>					
<u>Name of Claim</u>	<u>Owner</u>	<u>Record No</u>	<u>Lot No.</u>	<u>Type</u>	<u>Expiry Date</u>
Lion 1	T	2463	1940	Reverted Crown Grant	13/6/98
Lion 7	T	2464	1943	Reverted Crown Grant	13/6/98
Bulldog 7	T	2465	1945	Reverted Crown Grant	13/6/98
Trail 2	T	2484	1944	Reverted Crown Grant	14/6/98
Unicorn 4	T	2486	1941	Reverted Crown Grant	14/6/98
Unicorn 6	T	2485	1942	Reverted Crown Grant	14/6/98
Bralorne Ext.	T	2989		Modified Grid: 20 Units	13/9/98
Standard 1	T	3021		Modified Grid: 4 Units	19/11/98
Pie 3	T	3347		2-Post : 1 Unit	17/9/98
Pie 4	T	3348		2-Post : 1 Unit	17/9/98
Pie 5	T	3349		2-Post : 1 Unit	17/9/98
Pie 6	T	3350		2-Post : 1 Unit	17/9/98
Tom 1-8	A	2996 - 3003		2-Post : 8 Units	11/10/98
Pat 1-8	A	940 - 947		2-Post : 8 Units	4/9/98
Mac 1-8	A	3511 - 3518		2-Post : 8 Units	6/8/98
June 1-8	A	3519 - 3526		2-Post : 8 Units	6/8/98
Peak	A	3552		Modified Grid : 9 Units	4/9/98

<u>Butte Group</u>					
<u>Name of Claim</u>	<u>Owner</u>	<u>Record No</u>	<u>Lot No.</u>	<u>Type</u>	<u>Expiry Date</u>
Royal	T	2481	5641	Reverted Crown Grant	14/6/98
Royal 1	T	2466	5640	Reverted Crown Grant	13/6/98
Royal 2	T	2467	5643	Reverted Crown Grant	13/6/98
Royal 3	T	2480	5642	Reverted Crown Grant	14/6/98
Royal 4	T	2478	5645	Reverted Crown Grant	14/6/98
Royal 5	T	2479	5644	Reverted Crown Grant	14/6/98
Royal 6	T	2476	5647	Reverted Crown Grant	14/6/98
Royal 7	T	2477	5646	Reverted Crown Grant	14/6/98
Royal 8	T	2468	5648	Reverted Crown Grant	13/6/98
Royal 9	T	2469	5649	Reverted Crown Grant	13/6/98

Butte Group(cont'd)

<u>Name of Claim</u>	<u>Owner</u>	<u>Record No</u>	<u>Lot No.</u>	<u>Type</u>	<u>Expiry Date</u>
Royal 10	T	2470	5650	Reverted Crown Grant	13/6/98
Royal A Fr.	T	2483	5682	Reverted Crown Grant	14/6/98
Royal B Fr.	T	2471	5683	Reverted Crown Grant	13/6/98
Royal C Fr.	T	2482	5684	Reverted Crown Grant	14/6/98
Royal 11	T	2472	5681	Reverted Crown Grant	13/6/98
Standard 2	T	3022		Modified Grid: 12 Units	19/11/98
Goldstream I	T	3096		Modified Grid: 12 Units	22/2/98
Goldstream II	T	3095		Modified Grid: 12 Units	22/2/98
Goldstream Ext.1	T	3139		Modified Grid: 6 Units	6/5/98
Goldstream Ext.2	T	3142		Modified Grid: 4 Units	6/5/98
Pie 1	T	3345		2-Post : 1 Unit	17/9/98
Pie 2	T	3346		2-Post : 1 Unit	17/9/98
Butte-X-Cal	A	2301		Modified Grid: 20 Units	14/2/98

Ungrouped claims

<u>Name of Claim</u>	<u>Owner</u>	<u>Record No</u>	<u>Lot No.</u>	<u>Type</u>	<u>Expiry Date</u>
Chalco D Fr.	A	N/A	7771	Crown Grant	N/A
Chalco 5	A	N/A	7700	Crown Grant	N/A
Chalco 6	A	N/A	7704	Crown Grant	N/A
Chalco 8 Fr.	A	N/A	7701	Crown Grant	N/A
Chalco 9	A	N/A	7770	Crown Grant	N/A
Chalco 10	A	N/A	7765	Crown Grant	N/A
Chalco 12	A	N/A	7702	Crown Grant	N/A
Chalco 13	A	N/A	7705	Crown Grant	N/A
Chalco 35	A	N/A	7703	Crown Grant	N/A
Chalco 36	A	N/A	7766	Crown Grant	N/A
Chalco 37	A	N/A	7767	Crown Grant	N/A
Chalco 38	A	N/A	7768	Crown Grant	N/A
Chalco 39 Fr.	A	N/A	7769	Crown Grant	N/A

Claims owned by Armeno Resources Inc. are marked with an 'A' while those owned by Trans Atlantic Resources Inc. are marked with a 'T'. 'N/A' means Not Applicable.

The expiry dates above do not include assessment credits as a result of this programme.

LOCATION AND ACCESS

The property is located approximately 13 kilometres southeast of Bralorne and approximately 20 km southeast of Goldbridge, BC.

The approximate geographical coordinates for the center of the property are 50°42' north latitude and 122°37' west longitude.

Access to the property is gained by driving 5 km from Bralorne along the road to Goldbridge, then turning right on a secondary gravel road. Driving another 19 kilometres along Cadwallader Creek road, one then turns left onto a third road at Piebiter Creek. The grid is approximately 3 kilometres along this road from the intersection. Winter conditions insist that the road be cleared periodically, and tire chains are necessary.

PHYSIOGRAPHY

The terrain consists of rugged, moderate to steep slopes. Elevations on the area of this survey vary from 1310 metres (4,300 feet) at the confluence of Piebiter and Cadwallader Creeks to 2350 metres (7700 feet) at Royal Peak.

The property is covered with lightly to densely populated coniferous trees with moderately thick underbrush. Outcrops occur sporadically, and mainly along the steeper slopes or within old adits and shafts.

HISTORY

Gold was first discovered in the Cadwallader Creek area in 1897.

Work on the Standard Creek property is first noted in 1932, when Standard Gold Mines Ltd. placed several open cuts, trenching and two adits on the Standard Prospect, and Cadwallader Gold Mines carried out ground sluicing and placed a short crosscut adit on the Royal Prospect, to the immediate south. In 1932 and 1933 Red Hawk Gold Mines tested gold-bearing quartz veins on the Red Hawk property.

A tungsten-copper showing was discovered on the northwest side of Piebiter Creek in 1948 on the Chalco/Lower Piebiter grid, immediately northwest of the present Piebiter IP/Resistivity grid. This showing was more recently tested in 1969, 1979 and 1980, confirming the presence of low grade tungsten-copper mineralization.

In more recent years mineralization has been discovered on the property by other resource companies such as Dragon Resources Ltd., Hillside Energy Corp., and Hudson Bay Exploration and Development Co. Ltd. Following these results Armeno Resources purchased the Pat and Tom claims, the Mac and June claims, and the Butte-X-Cal claims.

In 1985 and 1986 Armeno Resources Inc. and Trans Atlantic Resources Inc. carried out extensive geochemical, geological and geophysical surveys as well as diamond drilling, identifying seven areas of further exploration interest. In 1987 further geological mapping, geochemical sampling and geophysical surveys were conducted. Following the results of these surveys, more work was recommended, including the current IP and resistivity surveys and diamond drilling.

GEOLOGY AND MINERALIZATION

Regional

The following is quoted from Carpenter and Haynes (1988) :

"The geology of the Bridge River - Cadwallader Creek area is well documented in the literature and continues to be the subject of investigations. The reader is referred to publications by McCann (1922), Cairnes (1937), Joubin (1948), Roddick and Hutchinson (1973), Pearson (1975), Woodsworth and Roddick (1977), Woodsworth et al. (1977), Bellamy and Saleken (1983) and Church (1987).

"The principal stratigraphic assemblages of the area are the Fergusson, Cadwallader and Taylor Creek Groups.

"The Fergusson Group, the oldest known unit in the area is believed to be Pre-Permian in age. It consists of steeply dipping chert beds, some marble, schist, gneiss and hornfels. In some places cataclasis has reduced bedding laminations to sheared quartz lenses and intensely milled breccias resembling quartz pebble conglomerate.

"Locally the group is invaded by numerous greenstone dykes and sills which have been reduced to chlorite schists in zones of intense shearing, and altered to fine-grained amphibolites in the thermal aureoles of large granitic stocks.

"The Pioneer Formation is apparently the oldest unit in the Cadwallader Group. It consists of greenstones (chlorite and epidote bearing basic volcanics) which appear to be connected to the greenstone feeders intruding the underlying Fergusson Group. The only sedimentary rocks assigned to the Pioneer Formation are a few small lenses of limestone and thin tephra beds.

"The Noel Formation is typically a discontinuous thinly bedded black argillite and siltstone unit with a few thin zones of dark grey limestone. At various locations in the area the formation rests directly on Fergusson Group rocks. At other locations it overlies Pioneer greenstones and elsewhere the unit is missing.

"The youngest member of the Cadwallader Group is the Hurley Formation, predominantly composed of green, brown and black argillite and cherty argillite. These beds are locally intercalated with gritty siltstones and sandstones and some calcarenites. Boulder and pebble conglomerate has been observed at the base of the formation, resting conformably on the Pioneer Formation.

"The Taylor Creek Group, overlying the Cadwallader Group, consists mostly of coarse clastic sedimentary rocks, the source of which is believed to be the Fergusson Group and the Hurley Formation.

"The main igneous intrusions of the area are the Bralorne Diorite (Paleozoic), the President ultrabasic rocks and the Coast plutonic rocks (Mesozoic).

"The Bralorne diorite is exposed at intervals from Standard Creek through the Bralorne - Pioneer mineral belt to the town of Gold Bridge. The alignment and elongated shape of the diorite suggests emplacement in a major fault zone.

"The President ultrabasic rocks are lenticular bodies that follow the belt of the Bralorne Diorite. The ultrabasic rocks are believed to have been emplaced in fault zones either as faulted slivers of pyroxenite and dunites or as a crystalline magma. Emplacement was followed by extensive metasomatism.

"The ultrabasic intrusions are known to be younger than the Upper Triassic Hurley rocks which they cut and older than overlying Middle Cretaceous Taylor Creek rocks.

"The Coast plutonic rocks comprise an assortment of granitic plutons exposed at various locations including the Bendor Range. These rocks are mainly hornblende granodiorite with quartz diorite and biotite granite as local phases. Apophyses of "soda granite" are associated with the quartz veins in the Bralorne - Gold Bridge belt. The intrusions range from Upper Cretaceous to Lower Tertiary in age, the Bendor Stock being the youngest.

"Numerous Mesozoic and Tertiary dykes and sills occur throughout the area. The main Tertiary effusives are light brown feldspar porphyries, andesite porphyries and less commonly fresh basalt dykes."

Property

The geology of the Standard Creek property varies from grid to grid. The scope of these IP and resistivity surveys are restricted to the upper Piebiter Creek area. The geology and mineralization for this area is quoted from Allen et al (1986) as :

"Pyrrhotite and pyrite, along with minor amounts of arsenopyrite and a trace of chalcopyrite occurs disseminated in what appears in hand specimens to be a metaquartzite. Petrographic studies of the drill core reveal a relatively large proportion of plagioclase (6 to 60%) indicating that the host rock may originally be of volcanic origin. The rocks are therefore interpreted to have been derived from metamorphism and silicification of chert and tuffaceous chert beds. Best gold values generally occur in the more siliceous varieties indicating that some of the silica may have been introduced hydrothermally.

"Surface sampling revealed low-grade gold values of 0.02 ounces per ton over an area 60 by 150 metres, enclosing a higher grade zone of 15 by 30 metres grading 0.06 ounces per ton.

"Drilling results ... partly defined a zone 15 to 35 metres wide and possibly up to 600 metres long which grades 0.015 to 0.02 ounces per ton. Individual gold values range up to 0.166 ounces per ton. Traces of gold occur over widths of up to 100 metres in holes P86-4, 5, and 7.

"Both the Upper Piebiter zone and the "Chopper" vein lie along the same trend. The serpentinite bodies and both zones are probably structurally associated with a branch of the Bralorne fault zone."

Carpenter and Haynes (1988) state that there exists "no obvious correlation of gold with sulphides or any other recognizable feature" in the Piebiter mineralization. However, gold values have been logged in the core of hole 86-06, at a contact between Quartz-biotite schists of the Bridge River Complex and Serpentinities of the President Intrusions. The schists contain sulphide mineralization, while the serpentinites show little or none.

INSTRUMENTATION

The transmitter used for the resistivity survey was a Model IPT-1, manufactured by Phoenix Geophysics Ltd. of Willowdale, Ontario. It was powered by a 2.5 kw Honda motor-generator.

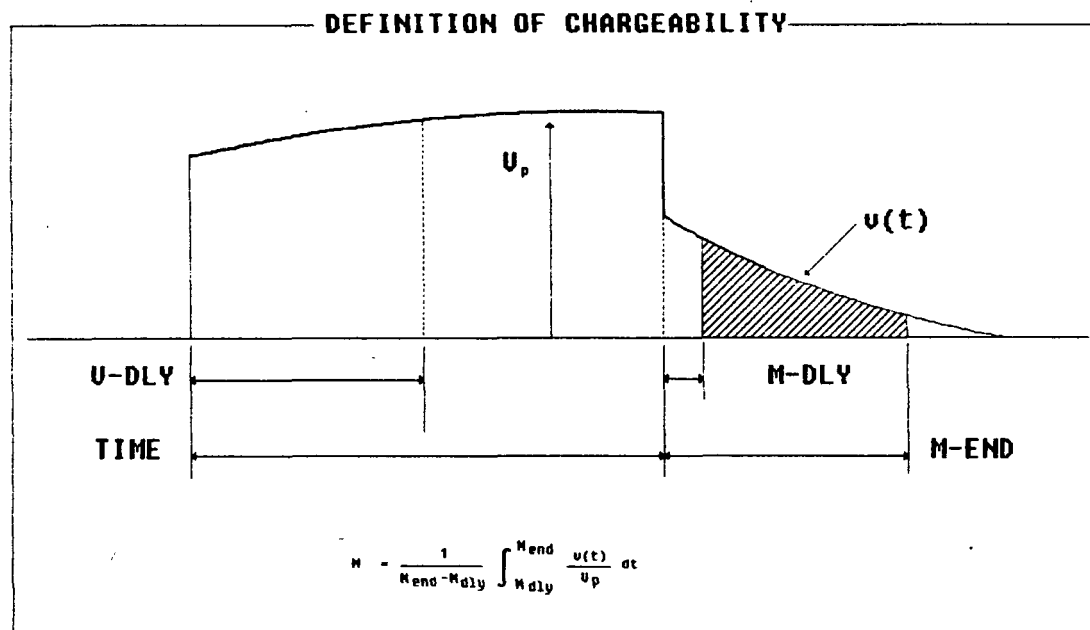
The receiver used was a model Mark IV manufactured by Hunttec ('70) Limited. This is durable electronic equipment, with software-controlled functions programmable through the front panel.

The Mark IV system may measure in the time and frequency domains, and is capable of complex resistivity measurements.

THEORY

In IP and resistivity surveys, an electrical voltage is applied to the ground via two electrodes, causing electrical current to flow. Because the equipment required for both IP and resistivity surveys is the same, it is customary to conduct both surveys simultaneously. While the bulk resistivity assists in determination of structural events within the earth, the induced polarization has more in common with spontaneous polarization such as that which occurs within many mineral-bearing zones.

There are effectively two types of induced polarization effects; membrane polarization and electrode polarization. *Membrane polarization* is known as the background or *normal IP effect*, and may occur in rocks which do not contain metallic minerals. *Electrode polarization* is generally larger in magnitude than the background IP and depends upon the presence of metallic minerals within the rock. Both are indistinguishable by IP equipment, and are a measure of the time it takes for an applied voltage to decay after suddenly terminated at the source (see below diagram).



Membrane polarization

Electrolytic conduction is the predominant factor in most rocks when no minerals are present and the frequency is low (i.e., in time domain measurements). Therefore, this conduction occurs when a rock contains fluid-filled pores. Most rock minerals have an existing negative charge at the interface between the rock surface and pore fluid. Positive ions are attracted towards, negative ions are repelled from, this interface. When a D.C. potential is applied across these pore spaces, negative ions will accumulate at one end of the zone and leave the other end. This polarization impedes current flow until the current is switched off; then the ions return to their original positions within a finite length of time.

The membrane type of polarization is strongest when clay minerals are present. The magnitude of polarization does not increase steadily with the concentration of clay,

but rather reaches a maximum and then decreases again. Optimum concentration varies in different types of clay; that in montmorillonite is low, while that in kaolinite is high. Shales have a high concentration of clay minerals and a relatively low polarization.

Electrode polarization

This method is similar to membrane polarization, and exists when metallic material is present in the rock and the current flow is partly electronic, partly electrolytic. A chemical reaction occurs at the interface between the mineral and the pore fluid. When a voltage is applied across the pore, an accumulation of oppositely-charged ions occurs within the electrolyte at opposite sides of the mineral grain. The external voltage maintains a pileup of electrons at the interfaces. When the current is interrupted (the voltage cut), the residual voltage decays as the ions diffuse back to their original equilibrium state.

Minerals which are electronic conductors exhibit electrode polarization. Such minerals are almost all sulphides (except sphalerite and possibly cinnabar and stibnite), some oxides such as magnetite, ilmenite, pyrolusite and cassiterite and graphite, which typically produces a strong IP effect.

Most IP surveys are carried out by taking measurements in the "time-domain" or the "frequency-domain".

Time-domain measurements involve sampling the waveform at intervals after the current is switched off, to derive a dimensionless parameter, the chargeability, "M", which is a measure of the strength of the induced polarization effect. Measurements in the frequency-domain are based upon the fact that the resistance produced at the electrolyte-charged particle interface decreases with increasing frequency. The difference between the apparent resistivity readings at high and low frequency is expressed as the percentage frequency effect, "PFE".

The quantity apparent resistivity, ρ_a , (sometimes referred to as the bulk resistivity) is computed from electrical survey results and is only the true earth resistivity in a homogeneous sub-surface. When vertical and/or lateral variations in electrical properties occur, as can be expected in the real world, the apparent resistivity will be influenced by the various layers, depending on their depth and thickness relative

to the electrode spacing. For this reason any single reading cannot be attributed to a particular depth.

The ability of the ground to transmit electricity is, in the absence of metallic-type conductors, almost completely depending on the volume, nature and content of the pore space. Empirical relationships can be derived linking the formation resistivity to the pore water resistivity, as a function of porosity. Such a formula is Archie's Law, which states (assuming complete saturation) in clean formations:

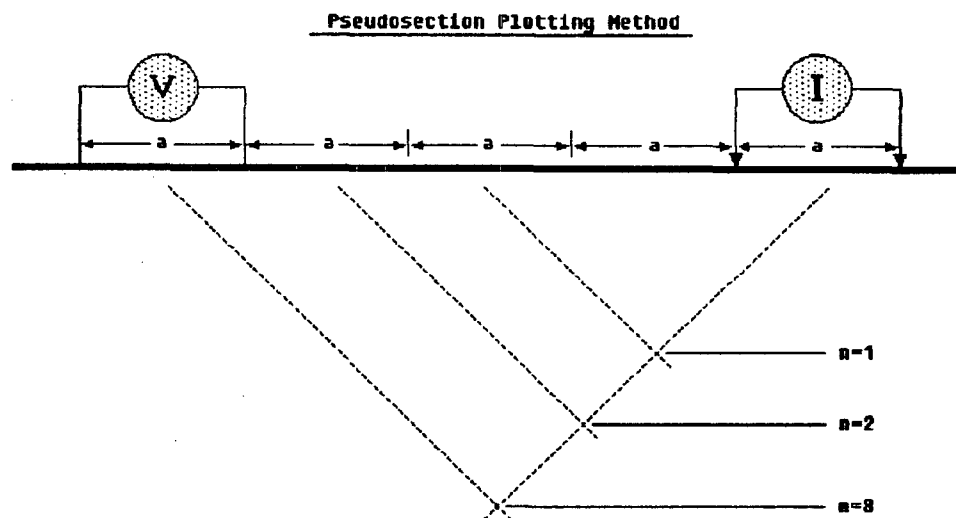
$$\frac{R_f}{R_w} = \rho^{-2}$$

Where: R_f is formation resistivity
 R_w is pore water resistivity
 ρ is porosity

SURVEY PROCEDURE

The IP and resistivity measurements were taken in the time-domain mode using an 8-second square wave charge cycle (2-seconds positive charge, 2-seconds off, 2-seconds negative charge, 2-seconds off).

The array chosen was the dipole-dipole array shown below:



The dipole length was chosen to be 30 metres for all eight survey lines. The lines were read to five separations for a total theoretical depth of 70 to 90 metres.

The double-dipole array was chosen because of its symmetry - greater reliability is realized with this array as opposed to the single-dipole array. Furthermore, narrow, vein-like targets such as those which occur within the area, could be missed by non-symmetrical arrays such as the pole-dipole array.

Stainless steel stakes were used for both the current electrodes and for the potential electrodes. Readings were taken over 8 different lines as shown on the survey plan (map 3), and 8 different pseudosections were plotted, to give a total survey length of 6030 m. The total linecutting covered 9 lines for a total length of 6730 m, but snow conditions prevented IP coverage of the final line.

COMPILATION OF DATA

The apparent resistivity values are derived from current and voltage readings taken in the field. These values are combined with the geometric factor appropriate for the double-dipole array to compute the apparent resistivities. The chargeability values were measured directly from the receiver.

The results are shown in pseudosection form for the 8 lines on Maps 6 to 13, respectively, at a scale of 1:2,000. Each value is plotted at a point formed from the intersection of a line drawn down at an angle of 45° from the mid-point of each of the two dipoles. This method of plotting is not a true representation of the resistivities/chargeabilities within the earth, but is rather a theoretical representation of said values. For the purposes of interpretation and exploration, though, the contoured pseudosections have proven to be very useful. The resistivity pseudosection is plotted on the upper part of the map for each of the lines, and the chargeability pseudosection is plotted on the lower part.

A survey plan map has been plotted on map #3 at a scale of 1:5,000, to show the positions of the IP and resistivity survey lines. Survey plans of the resistivity and chargeability results at level $n=1$ were computer generated on maps 4 and 5,

respectively. The purpose was to determine anomalous trends and thus geologic trends.

DISCUSSION OF RESULTS

The IP and Resistivity surveys have delineated eight resistivity anomalies as both lows and highs. These anomalies have been labelled as A to H, respectively.

Anomaly A is a resistivity high which dips shallowly (from 30 to 50 degrees) in a southerly direction and strikes from line 5+00E to 9+00E for a minimum length of 400 metres. The strong resistivity high values suggest that this anomaly reflects quartzites (of the Bridge River Complex) or, alternately, ultramafics. Anomaly A is closely associated with a contact inferred from previous work done on the property (see Carpenter and Haynes, 1988) from line 8+00E to line 9+00E, where it appears to cross this contact. Close correlation may be seen between this inferred contact and a weak resistivity low zone on lines 8+00E and 9+00E.

With the exception of lines 5+00E and 9+00E, anomaly A shows no correlation with IP highs; rather, those IP highs which do show nearby correlation are more closely associated with resistivity lows on the footwall side of anomaly A. A causative source could be a sulphide-rich vein of serpentinite.

Anomaly B is a strong resistivity high zone which has a steep northerly dip and extends from line 4+00E to 9+00E. The surface expressions of anomalies A and B appear to cross between lines 6+00E and 7+00E, while at depth anomaly B appears to intersect anomaly A on pseudosections 7+00E, 8+00E, and 9+00E. This anomaly could reflect a quartz vein or a dyke. However, the resistivity values are quite high, strongly suggesting the quartz vein.

Anomaly C is a short (100 metres) anomaly striking from line 3+00E to 2+00E, and possibly further west. IP highs are closely associated with anomaly C on its footwall side, suggesting the presence of sulphides. These characteristics are similar to those of anomaly A, including a southerly dip and similar magnitude of resistivity values. It is possible that the two anomalies reflect the same structure, which has been displaced by a fault.

Anomaly D is a resistivity low zone which strikes from line 7+00E to 9+00E, possibly striking further eastward. This low zone dips steeply northward, and could reflect a narrow fracture or shear zone. There does not appear to be any I.P. correlation with anomaly D. On line 8+00E this anomaly could be either of two, as is indicated on the section and plan map.

Anomaly E is a strong resistivity low zone which strikes from line 8+00E to 9+00E for a minimum length of 100 metres. This anomaly exhibits similar characteristics to anomaly D, and could also reflect a steep north-dipping fracture or shear zone. Anomaly E does not have any I.P. effect directly correlating with the resistivity low.

Anomaly F is a resistivity low zone which strikes from line 3+00E to line 7+00E, and possibly as far as 8+00E, at approximately 2+00N. This anomaly apparently has a strong pant-leg effect, and could reflect a structure similar to that causing anomaly E, dipping steeply north (60 - 80°) from the surface expression of the anomaly. It is possible that anomaly F reflects a western extension of anomaly E. Side-by-side correlation exists between anomaly F and strong IP values on the hanging-wall side which suggest the presence of sulphides. A notable correlation exists between anomaly F and the location of an old adit next to line 3+00E near 1+98N. This adit was struck due east, making anomaly F a good exploration target.

Anomaly G is very strong and deep IP high occurring at the crest of the ridge at the south end of the survey area on lines 8+00E and 9+00E. This steep, south-dipping anomaly correlates with a complex zone of resistivity highs and lows, and could reflect a high concentration of sulphides within a shear system. The resistivities range from 907 to 9440 ohm-metres along the ridge top, possibly reflecting ultramafics and/or quartzites along with water filled fractures.

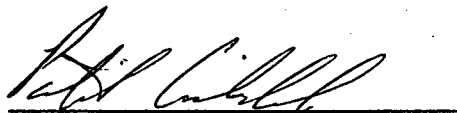
Anomaly H is a lineal resistivity high zone striking between lines 2+00E and 3+00E with a steep south dip. This anomaly shows direct correlation with strong IP highs, suggesting that the causative source is mineralized with sulphides. The resistivity values for anomaly H are strong to depth beneath 2+00E but appear shallow beneath line 3+00E. This anomaly could reflect metamorphics between ultramafic intrusives or, alternatively, a narrow fracture or shear zone which has been displaced at depth.

A wide zone of low resistivity may be seen on the plan map of resistivity for level $n=1$, striking from the southern end of line 2+00E to the northern end of line 4+00E. This zone may be seen on the pseudosections for lines 2+00E and 3+00E as a wide zone of resistivities averaging below 1000 ohm-metres. A possible source could be a fault zone striking north-northeast. Such a source, though possibly only 10-20 metres true width, could produce a much wider anomalous zone on a resistivity pseudosection which strikes across it at an acute angle. A fault could explain the difficulties in following anomalies A, B and C between lines 3+00E and 5+00E.

As the 1986 IP and resistivity surveys only investigated to depth level $n=1$, very little information may be taken from them. However, the PFE and resistivity highs found in the 1986 IP surveys correlate closely with the zone of high resistivity seen on the plan map for level $n=1$.

Examination of the pseudosections of lines 2+00E and 3+00E leads to the conclusion that Piebiter Creek is structurally controlled and possibly due to a strong fault system.

Respectfully submitted,
SIERRA GEOSCIENCES INC.



Patrick Cruickshank, B.A.Sc.
Geophysicist

SIERRA GEOSCIENCES INC.



Tracy J. Campbell, B.Sc.
Geophysicist

SELECTED BIBLIOGRAPHY

Carpenter, T.H., and Haynes, L.R., Geological. Geophysical. Geochemical. Diamond Drilling and underground Exploration Report on the Standard Creek Property of Armeno Resources Inc. and Trans Atlantic Resources Inc., February 1988.

Allen, D.G., MacQuarrie, D.R., and Brownlee, D.J., Report on the 1986 Exploration Program. Standard Creek Property, for Armeno Resources Inc. and Trans Atlantic Resources Inc., December 8, 1986.

GEOPHYSICIST'S CERTIFICATE

I, M.A. Patrick Cruickshank, of the City of Vancouver, in the Province of British Columbia, do hereby certify:

That I am a consulting Geophysicist of Sierra Geosciences Inc., with offices located at #601-543 Granville Street, Vancouver, British Columbia.

I also certify:

1. I am a graduate of the University of British Columbia (1986) and hold a B.A.Sc. degree in Geophysics.
2. I have been practising my profession for the past 3 years and have been active in the mining industry for the same time.
3. I am an active member of the Association of Professional Engineers of British Columbia, as an Engineer-in-Training, and am a member of the B.C. Geophysical Society.
4. This report is compiled from data obtained from IP and resistivity surveys carried out by a crew of Sierra Geosciences Inc., under the alternate field supervision of Mr. Tracy J. Campbell and Marc Beaupré, from January 4 to 17, 1990.
5. I hold no interest in Armeno Resources Inc. or Trans Atlantic Resources Inc., nor in the property discussed in this report, and I will not receive any interest as a result of writing this report.
6. I consent to the use of this report by Armeno Resources Inc. and Trans Atlantic Resources Inc. in any prospectus or statement of material facts.

January 30, 1990



M.A. Patrick Cruickshank,
Geophysicist

GEOPHYSICIST'S CERTIFICATE

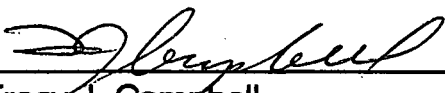
I, Tracy J. Campbell, of the City of Vancouver, in the Province of British Columbia, do hereby certify:

That I am a consulting Geophysicist of Sierra Geosciences Inc., with offices located at #601-543 Granville Street, Vancouver, British Columbia.

I also certify:

1. I am a graduate of the University of Alberta (1985) and hold a B.Sc. degree in Physics.
2. I have been practising my profession for the past 2 years and have been active in the mining industry for the same time.
3. I am a member of the B.C. Geophysical Society.
4. This report is compiled from data obtained from IP and resistivity surveys carried out by a crew of Sierra Geosciences Inc., under the alternate field supervision of myself and Mr. Marc Beaupré, from January 4 to 17, 1990.
5. I hold no interest in Armeo Resources Inc. or Trans Atlantic Resources Inc. nor in the property discussed in this report, and I will not receive any interest as a result of writing this report.
6. I consent to the use of this report by Armeo Resources Inc. or Trans Atlantic Resources Inc. in any prospectus or statement of material facts.

January 30, 1990



Tracy J. Campbell,
Geophysicist

AFFIDAVIT OF EXPENSES

Linecutting, I.P. and Resistivity surveys were carried out over a portion of the Standard Creek Property from December 28, 1989 to January 17, 1990 in the Lillooet Mining Division, British Columbia to the value of the following:

FIELD :Line-cutting :

Mob-Demob, at cost: \$ 650

Line-cutting, 7 days at \$750/day : \$ 5,250

I.P. and Resistivity :

Mob-Demob, at cost : \$ 1,400

4-man crew, 11 days at \$ 1,400/day \$ 15,400

4-man crew, 1 day stand-by at \$850/day : \$ 850

\$ 23,550

OFFICE :

Geophysicist, 16 hrs @ \$35/hr : \$ 560

Computer-aided drafting & plotting,
10 hours @ \$30/hr : \$ 300

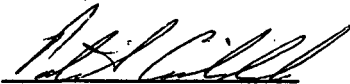
Drafting and printing : \$ 590

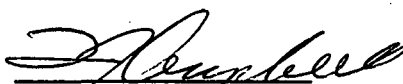
\$ 1,450

Grand Total :

\$ 25,000

Respectfully submitted,
SIERRA GEOSCIENCES INC.,


Patrick Cruickshank,
Geophysicist


Tracy J. Campbell,
Geophysicist

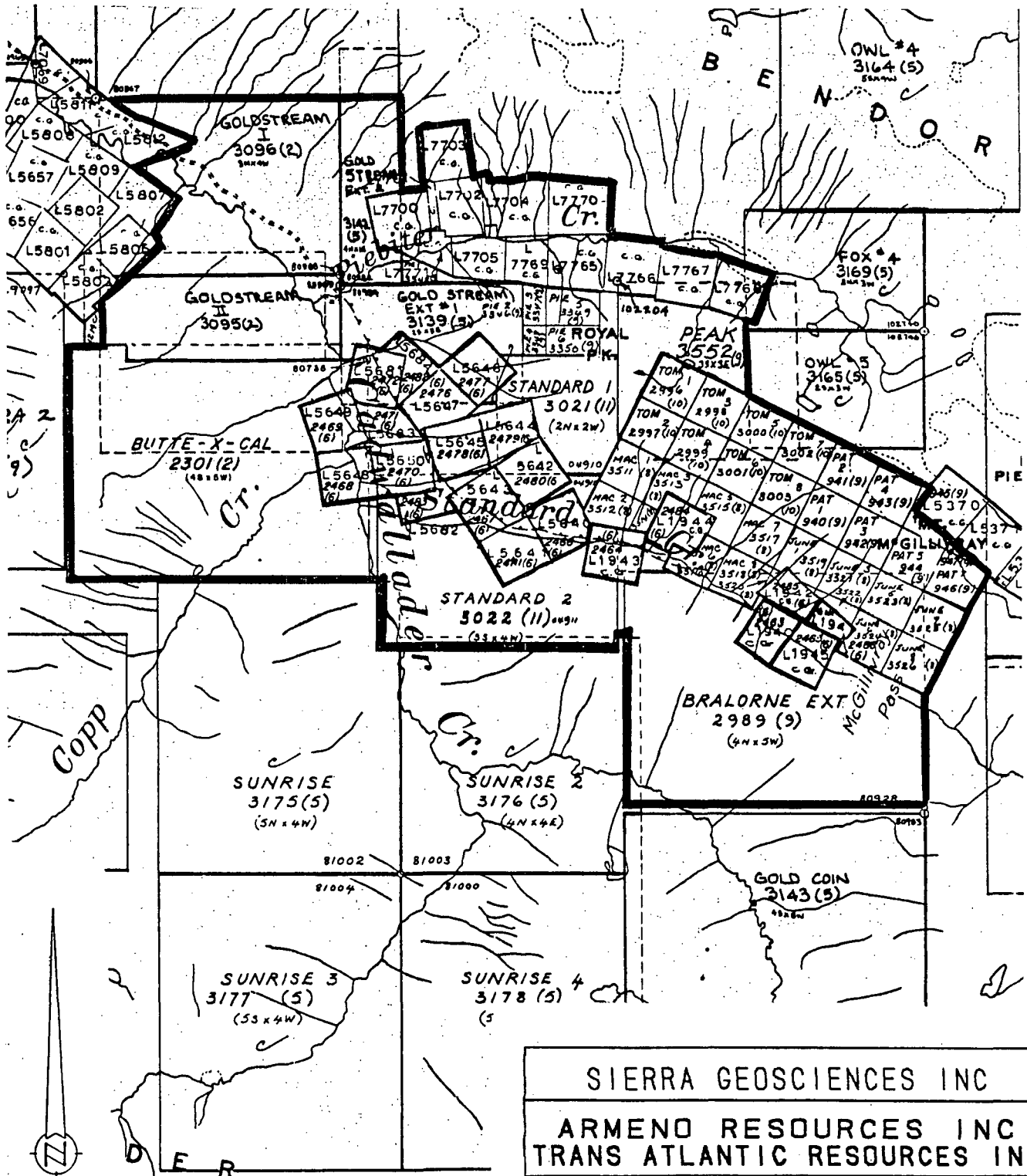
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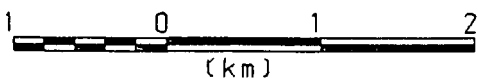
SIERRA GEOSCIENCES INC.
 ARMENO RESOURCES INC.
 TRANS ATLANTIC RESOURCES INC.
 STANDARD CREEK PROPERTY
 LILLOOET MINING DIVISION, B. C.

**PROPERTY
 LOCATION MAP**

BY: P. C.	SCALE: 1:8,000,000	N.T.S. 92J/10E	DATE: JAN., 1990	MAP No.: 1
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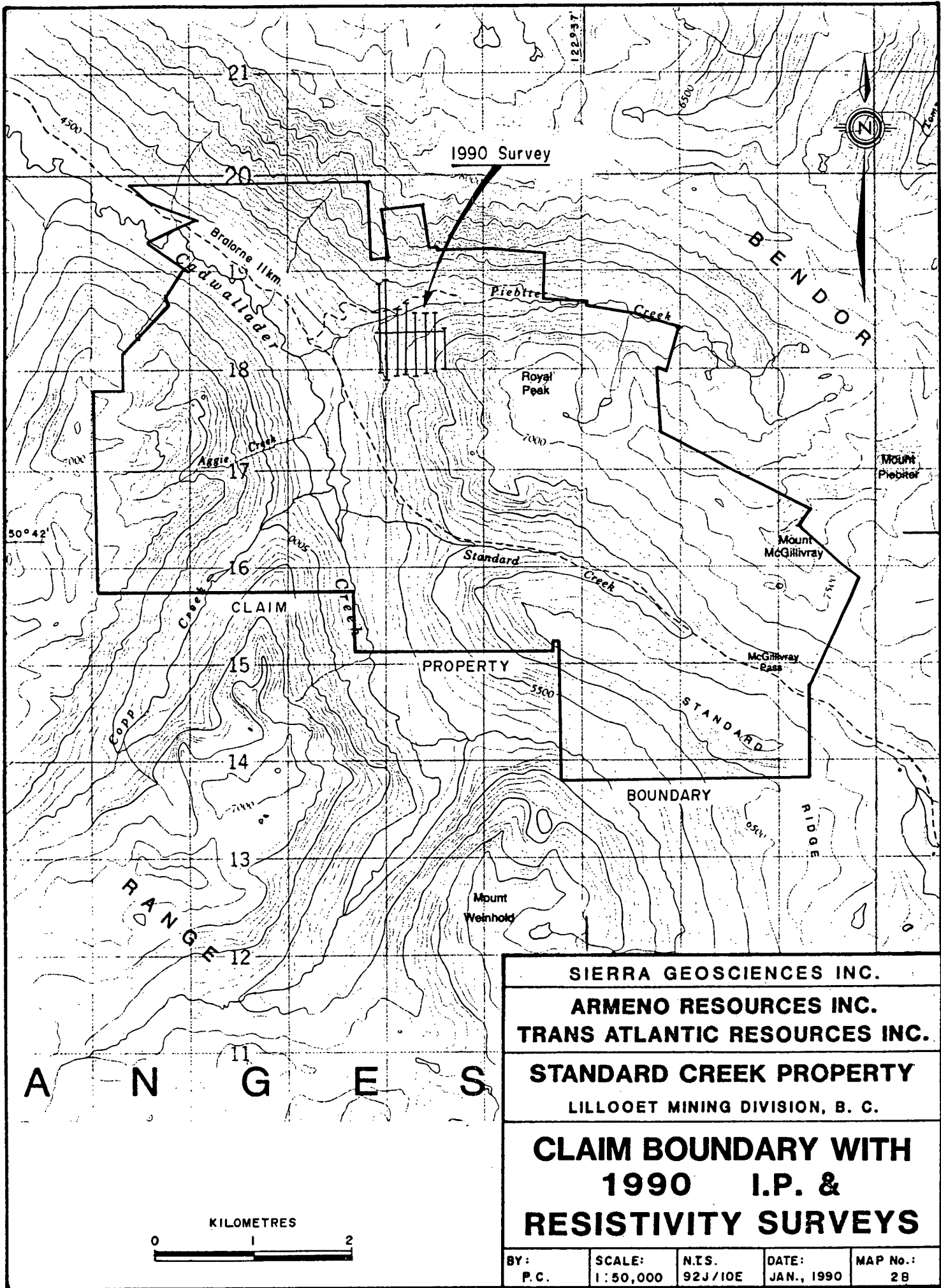


Scale 1:50000



SIERRA GEOSCIENCES INC
 ARMENO RESOURCES INC
 TRANS ATLANTIC RESOURCES INC
STANDARD CREEK PROPERTY
 Piebiter Grid
 Lillooet M.D., B.C.
Claim Map

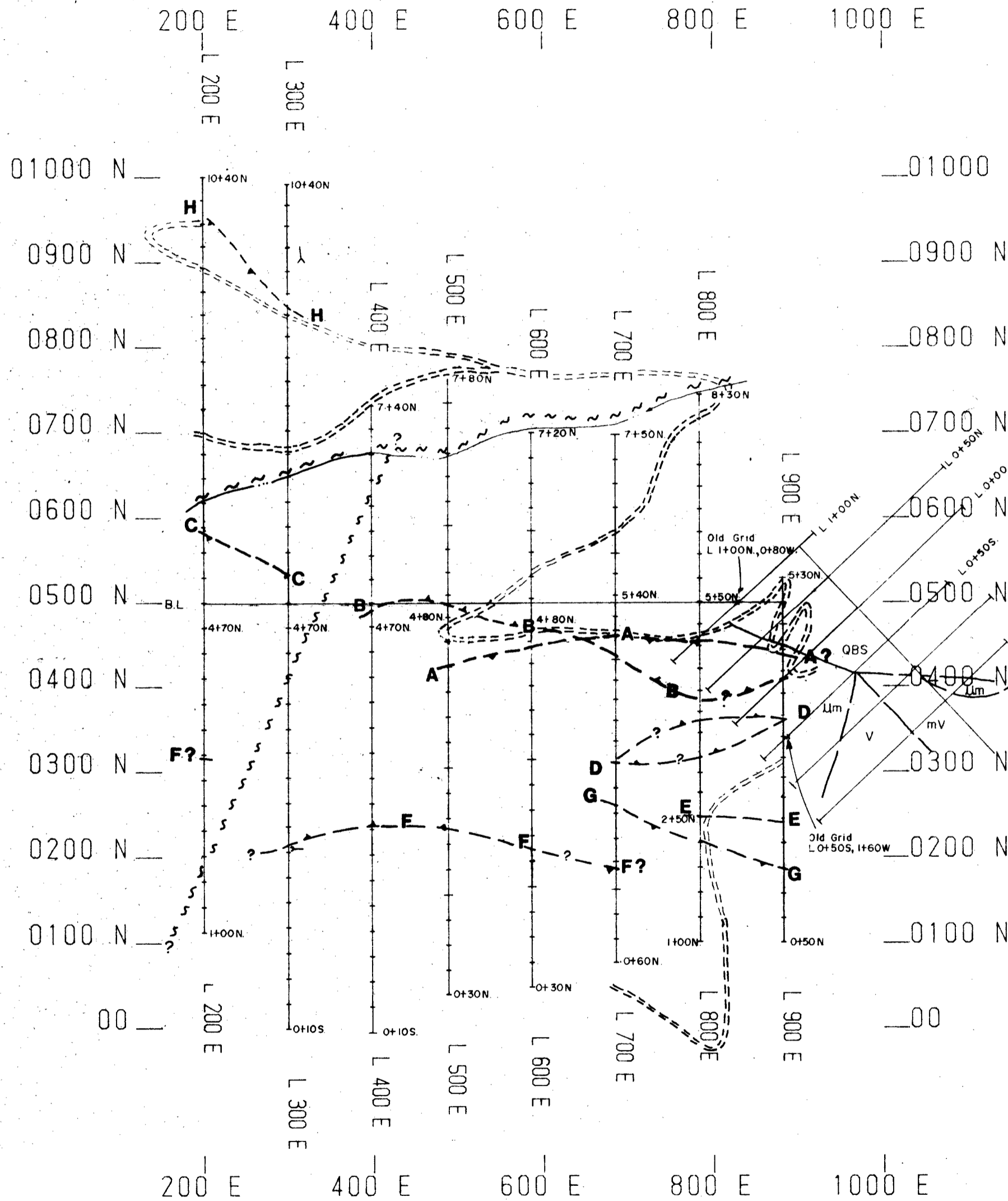
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SIERRA GEOSCIENCES INC.
 ARMENO RESOURCES INC.
 TRANS ATLANTIC RESOURCES INC.
STANDARD CREEK PROPERTY
 LILLOET MINING DIVISION, B. C.

**CLAIM BOUNDARY WITH
 1990 I.P. &
 RESISTIVITY SURVEYS**

BY: P.C.	SCALE: 1:50,000	N.T.S. 92J/10E	DATE: JAN., 1990	MAP No.: 2B
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- LEGEND**
- ~~~~~ Possible fault
 - ▲--- Resistivity high with dip
 - ▼--- Resistivity low with dip
 - Creek
 - Road
 - Y Adit
 - Contact inferred from old grid
 - QBS Quartz-biotite schist
 - Um Ultramafic
 - mV Metavolcanic
 - V Volcanic

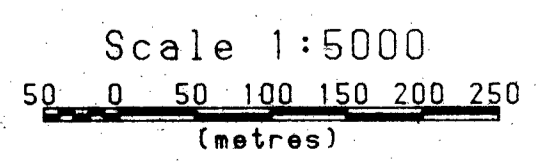
NOTE: Old grid location is approximate, and based on two tie-in points.

SURVEY PARAMETERS

Contour Intervals :
 Resistivity: Log base 10 ohm-metres
 Chargeability: 8 milliseconds
 Dipole length: 30 metres

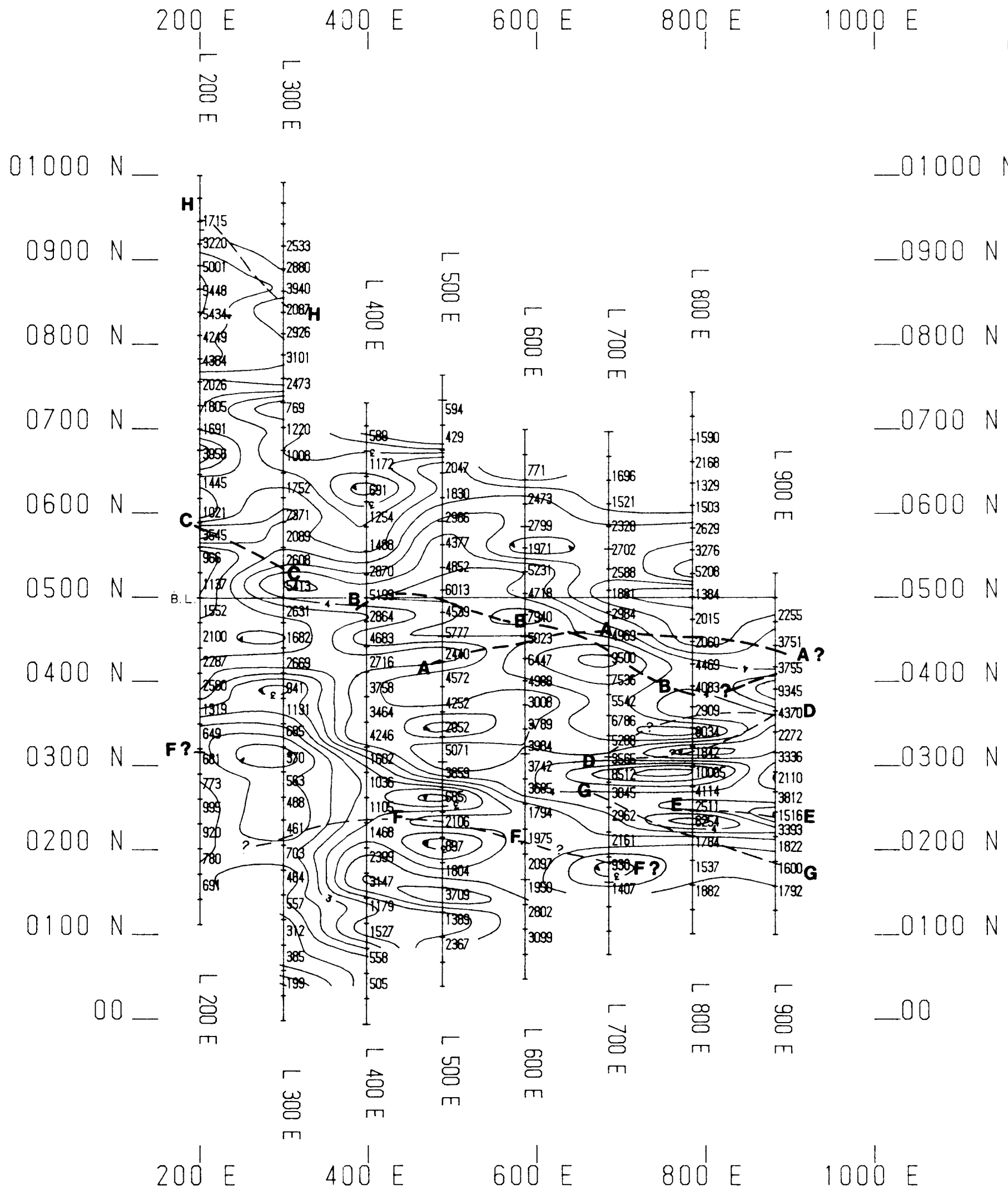
Trend Enhancement: None
 Receiver: Huntec MK-IV
 Transmitter: Phoenix IPT-1
 Generator: Honda 5 HP with 2.5 kWatt generator

SIERRA GEOSCIENCES INC				
ARMENO RESOURCES INC TRANS ATLANTIC RESOURCES INC				
STANDARD CREEK PROPERTY Piebiter Grid Lillooet M.D., B.C.				
I.P. AND RESISTIVITY SURVEYS COMPOSITE PLAN MAP for level n=1				
Drawn by: Sierra	Job No. 9001	NTS 92/10E	Scale 1:5000	Date Jan 90 Map No. 3



Surveyed by SIERRA GEOSCIENCES INC
January 1990

19,828

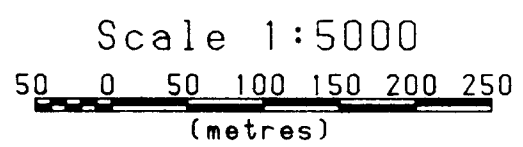


SURVEY PARAMETERS

Contour Intervals :
 Resistivity: Log base 10 ohm-metres
 Chargeability: 8 milliseconds
 Dipole length: 30 metres

Trend Enhancement: None
 Receiver: Huntec MK-IV
 Transmitter: Phoenix IPT-1
 Generator: Honda 5 HP with 2.5 kWatt generator

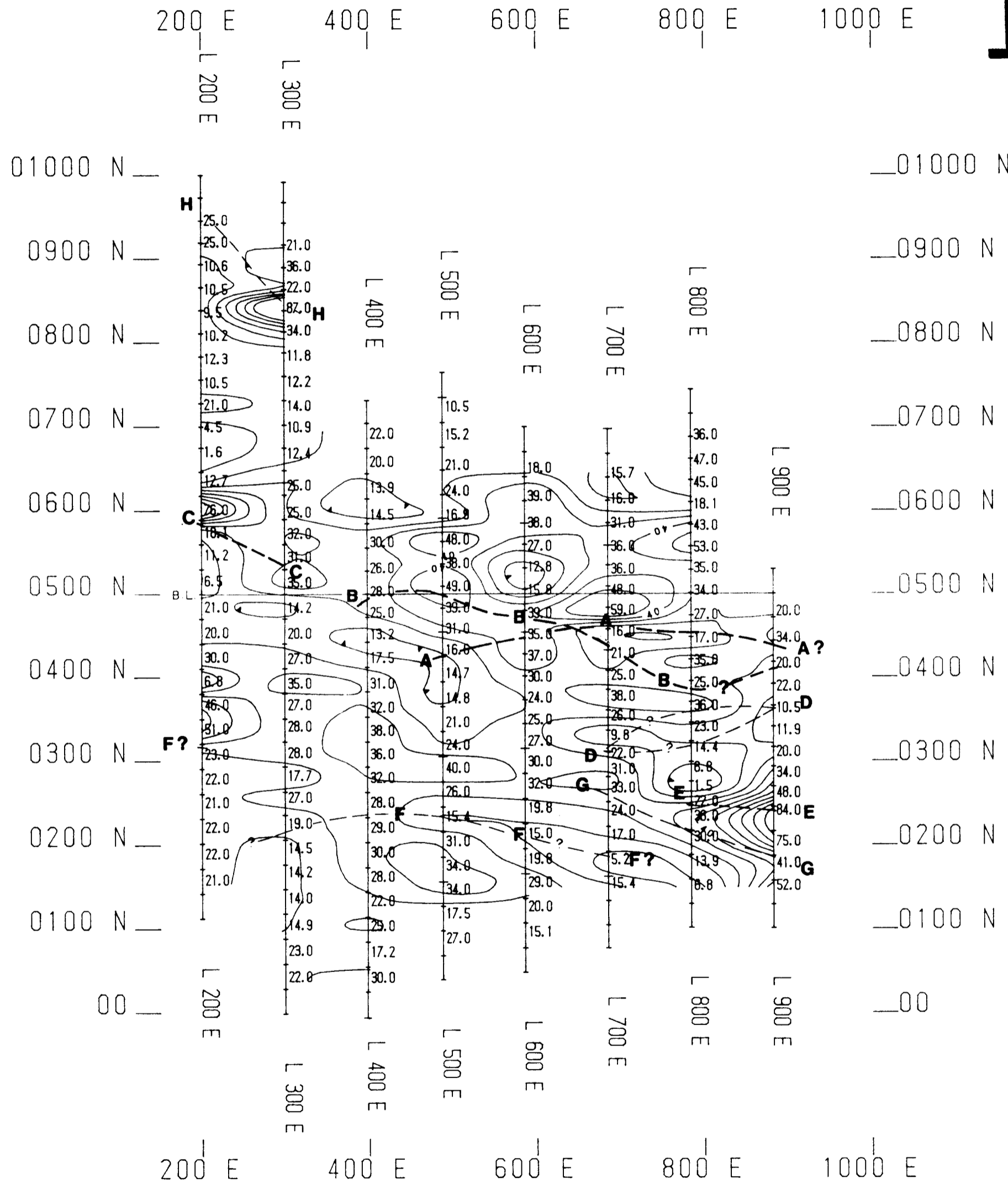
SIERRA GEOSCIENCES INC					
ARMENO RESOURCES INC TRANS ATLANTIC RESOURCES INC					
STANDARD CREEK PROPERTY Piebiter Grid Lillooet M.D., B.C. Apparent RESISTIVITY Survey Plan Map for level n=1					
Drawn by: Sierra	Job No. 9001	NTS 92J/10E	Scale 1:5000	Date Jan/90	Map No. 4



Surveyed by SIERRA GEOSCIENCES INC
January 1990

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

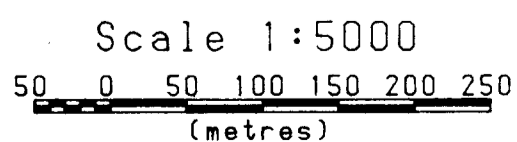
19,828



SURVEY PARAMETERS

Contour Intervals :
 Resistivity: Log base 10 ohm-metres
 Chargeability: 8 milliseconds
 Dipole length: 30 metres

Trend Enhancement: None
 Receiver: Huntec MK-IV
 Transmitter: Phoenix IPT-1
 Generator: Honda 5 HP with
 2.5 kWatt generator



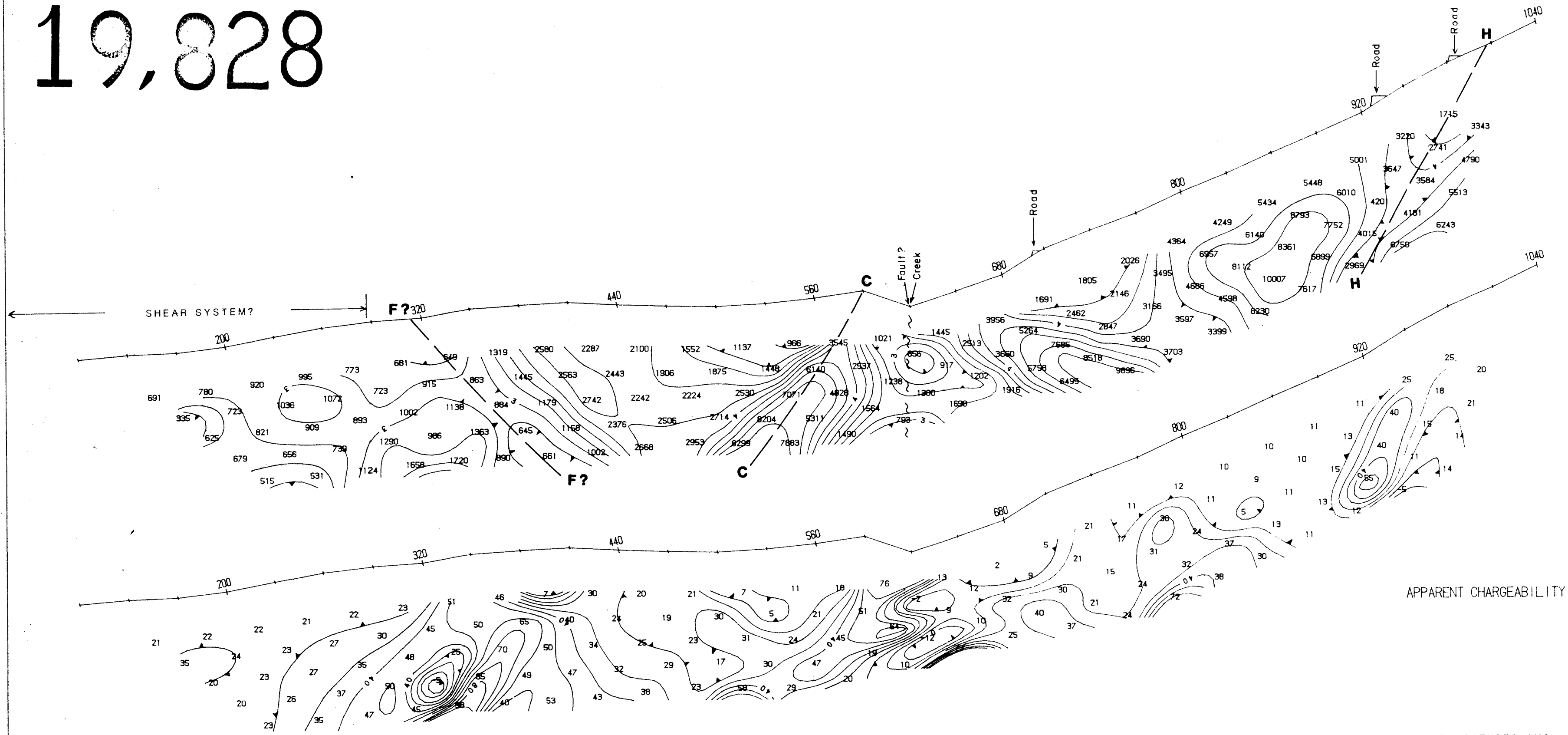
Surveyed by SIERRA GEOSCIENCES INC
 January 1990

SIERRA GEOSCIENCES INC					
ARMENO RESOURCES INC. TRANS ATLANTIC RESOURCES INC.					
STANDARD CREEK PROPERTY Piebiter Grid Lillooet M.D., B.C. Apparent CHARGEABILITY Survey Plan Map for level n=1					
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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,828

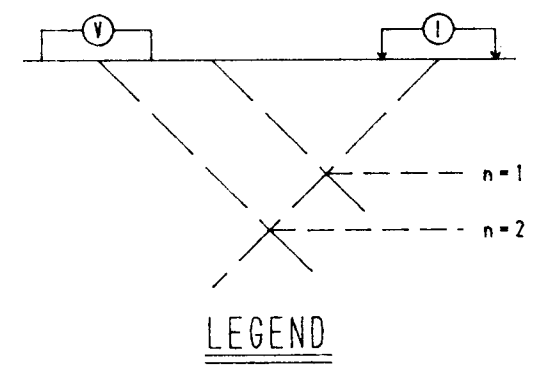
Survey Direction: North
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APPARENT RESISTIVITY

APPARENT CHARGEABILITY

Pseudosection Plotting Method



Contour Intervals:
Resistivity : Log base 10 ohm-m
Chargeability : 8 milliseconds

INSTRUMENTATION

Receiver: Huntec Model MK IV
Transmitter/Generator: Phoenix Model IPT-1 with 2.5 kWatt
Honda generator

SURVEY PARAMETERS

Survey Mode: Time Domain
Array: Double-Dipole
Dipole Length: 100 feet (30 metres)
Dipole separation: n=1 to 5
Delay Time: 150 milliseconds
Integration Time: 1500 milliseconds
Charge Cycle: 8 second square wave

SIERRA GEOSCIENCES INC.

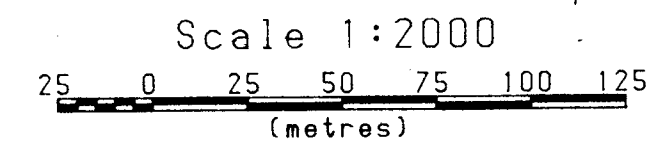
ARMENO RESOURCES INC.
TRANS ATLANTIC RESOURCES INC.

STANDARD CREEK PROPERTY
Bralorne Area
Lillooet M.D., B.C.

PIEBITER CREEK GRID

I.P. LINE 2+00E

Surveyed by SIERRA GEOSCIENCES INC.
January, 1990

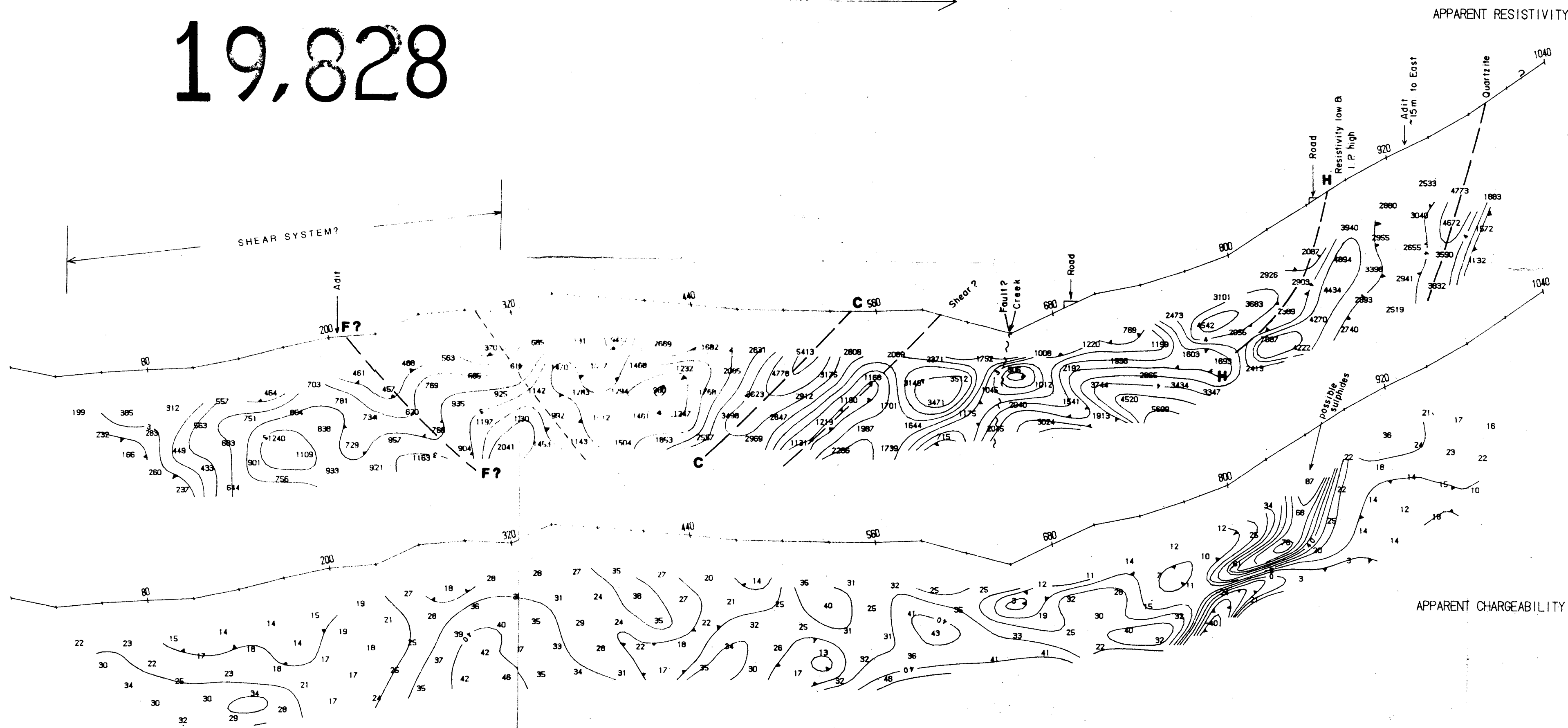


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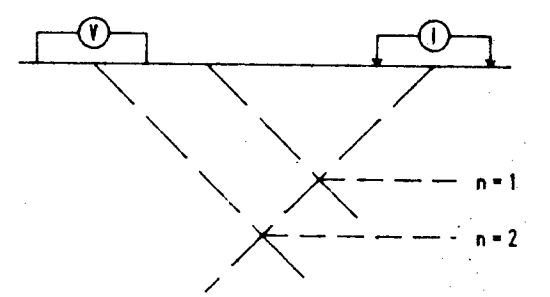
GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,828

Survey Direction: North



Pseudosection Plotting Method



LEGEND

Contour Intervals:
Resistivity: Log base 10 ohm-m
Chargeability: 8 milliseconds

INSTRUMENTATION

Receiver: Huntec Model NK IV
Transmitter/Generator: Phoenix Model IPT-1 with 2.5 kWatt
Honda generator

SURVEY PARAMETERS

Survey Mode: Time Domain
Array: Double-Dipole
Dipole Length: 100 feet (30 metres)
Dipole separation: n=1 to 5
Delay Time: 150 milliseconds
Integration Time: 1500 milliseconds
Charge Cycle: 8 second square wave

CONTOUR LABELLING:

RESISTIVITY: 4 = 10⁴ = 10,000 Ω m
3 = 10³ = 1,000 Ω m

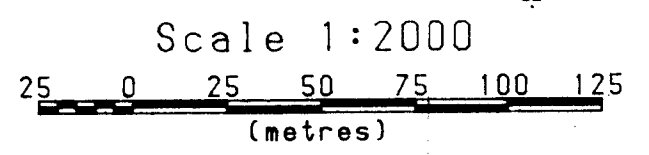
CHARGEABILITY: 40 = 40 milliseconds

Local Low

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ARMENO RESOURCES INC.
TRANS ATLANTIC RESOURCES INC.
STANDARD CREEK PROPERTY
Bralorne Area
Lillooet M.D., B.C.

PIEBITER CREEK GRID
I.P. LINE 3+00E

Drawn by: Sierra	Job No. 9001	NTS 92J/10E	Scale 1:2000	Date Jan/90	Map No. 7
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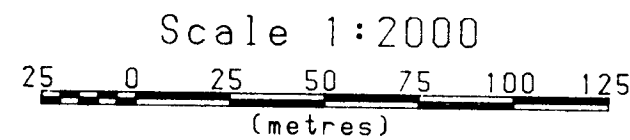
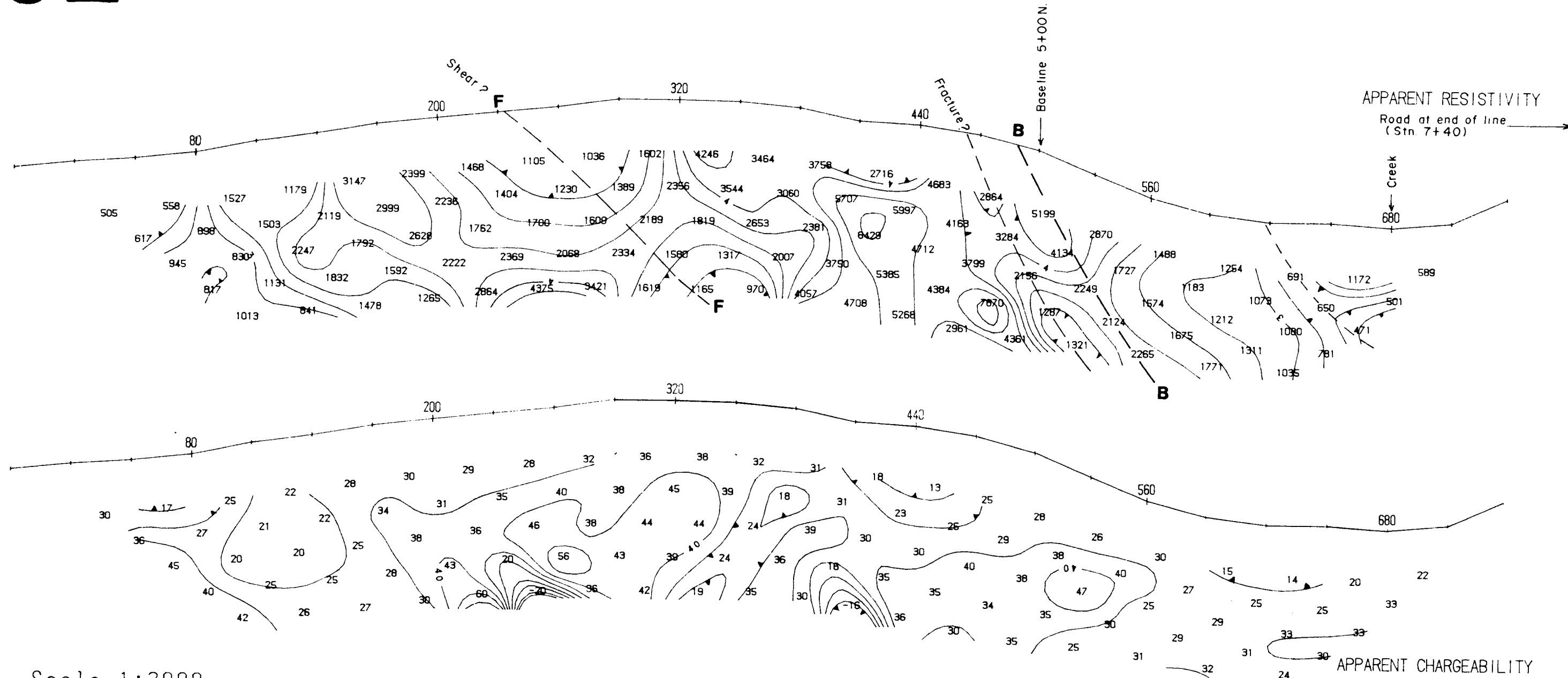


Surveyed by SIERRA GEOSCIENCES INC.
January, 1990

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

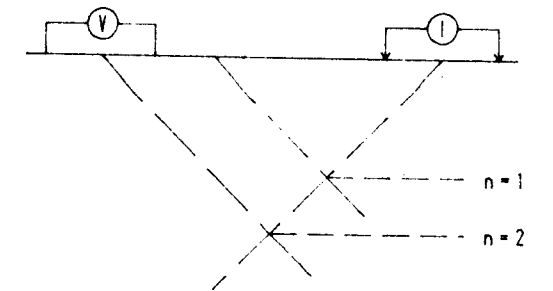
19,828

Survey Direction: North



Surveyed by SIERRA GEOSCIENCES INC.
January, 1990

Pseudosection Plotting Method



LEGEND

Contour Intervals:
Resistivity: Log base 10 ohm-m
Chargeability: 8 milliseconds

INSTRUMENTATION

Receiver: Huntec Model MK IV
Transmitter/Generator: Phoenix Model IPT-1 with 2.5 kWatt
Honda generator

SURVEY PARAMETERS

Survey Mode: Time Domain
Array: Double-Dipole
Dipole Length: 100 feet (30 metres)
Dipole separation: n=1 to 5
Delay Time: 150 milliseconds
Integration Time: 1500 milliseconds
Charge Cycle: 8 second square wave

SIERRA GEOSCIENCES INC.

ARMENO RESOURCES INC.
TRANS ATLANTIC RESOURCES INC.

STANDARD CREEK PROPERTY

Bralorne Area
Lillooet M.D., B.C.

PIEBITER CREEK GRID

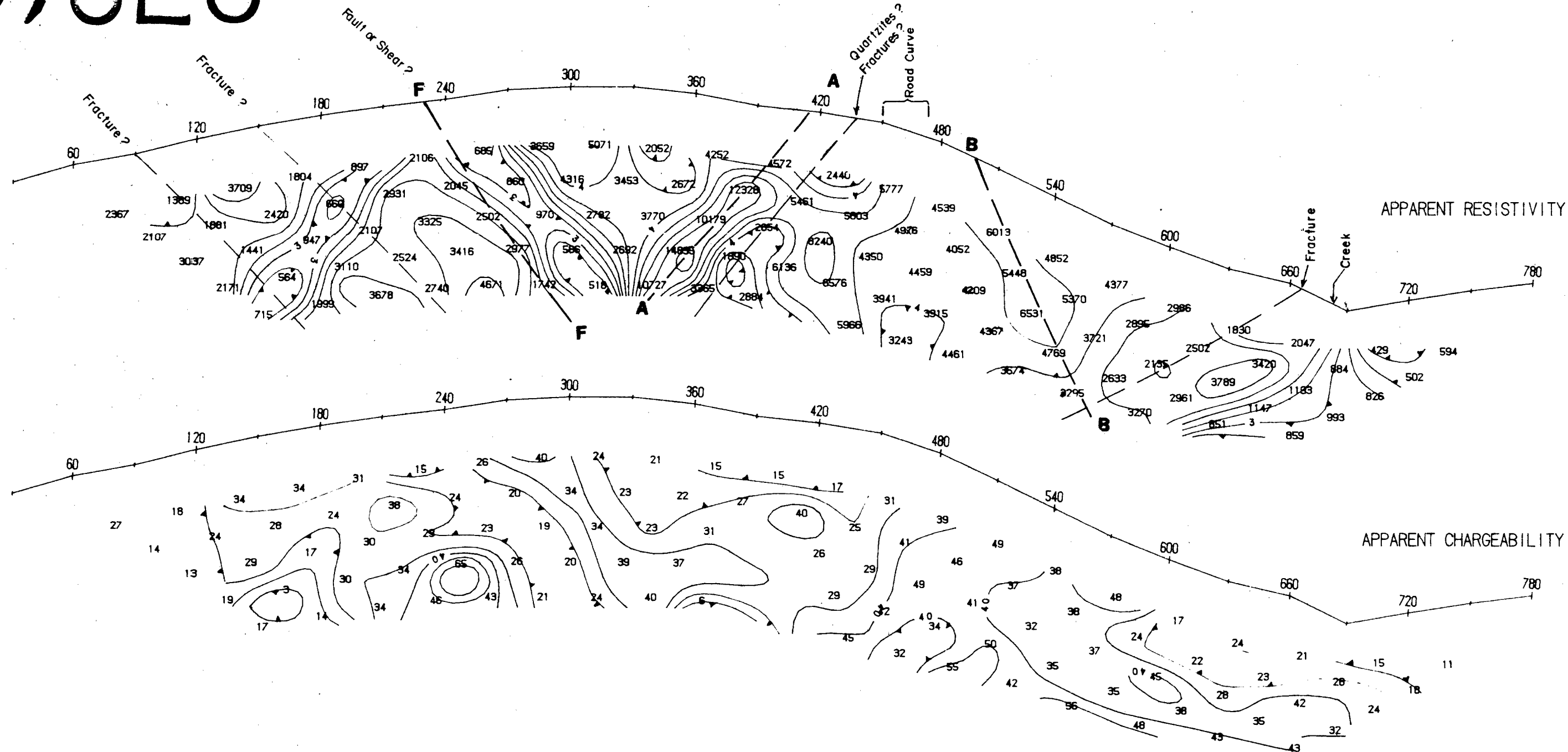
I.P. LINE 4+00E

Drawn by: Sierra	Job No. 9001	NTS 92J/10E	Scale 1:2000	Date Jan/90	Man No. 8
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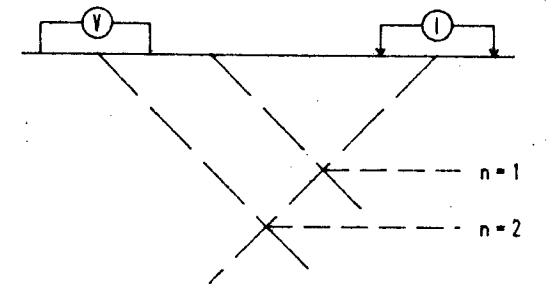
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,828

Survey Direction: North
→



Pseudosection Plotting Method



LEGEND

Contour Intervals:
Resistivity: Log base 10 ohm-m
Chargeability: 8 milliseconds

INSTRUMENTATION

Receiver: Huntec Model MK IV
Transmitter/Generator: Phoenix Model IPT-1 with 2.5 kWatt
Honda generator

SURVEY PARAMETERS

Survey Mode: Time Domain
Array: Double-Dipole
Dipole Length: 100 feet (30 metres)
Dipole separation: n=1 to 5
Delay Time: 150 milliseconds
Integration Time: 1500 milliseconds
Charge Cycle: 8 second square wave

SIERRA GEOSCIENCES INC.

ARMENO RESOURCES INC.
TRANS ATLANTIC RESOURCES INC.

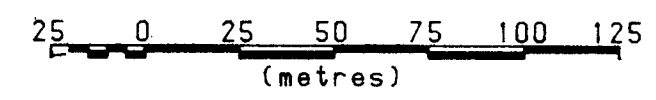
STANDARD CREEK PROPERTY
Bralorne Area
Lillooet M.D., B.C.

PIEBITER CREEK GRID

I.P. LINE 5+00E

Surveyed by SIERRA GEOSCIENCES INC.
January, 1990

Scale 1:2000

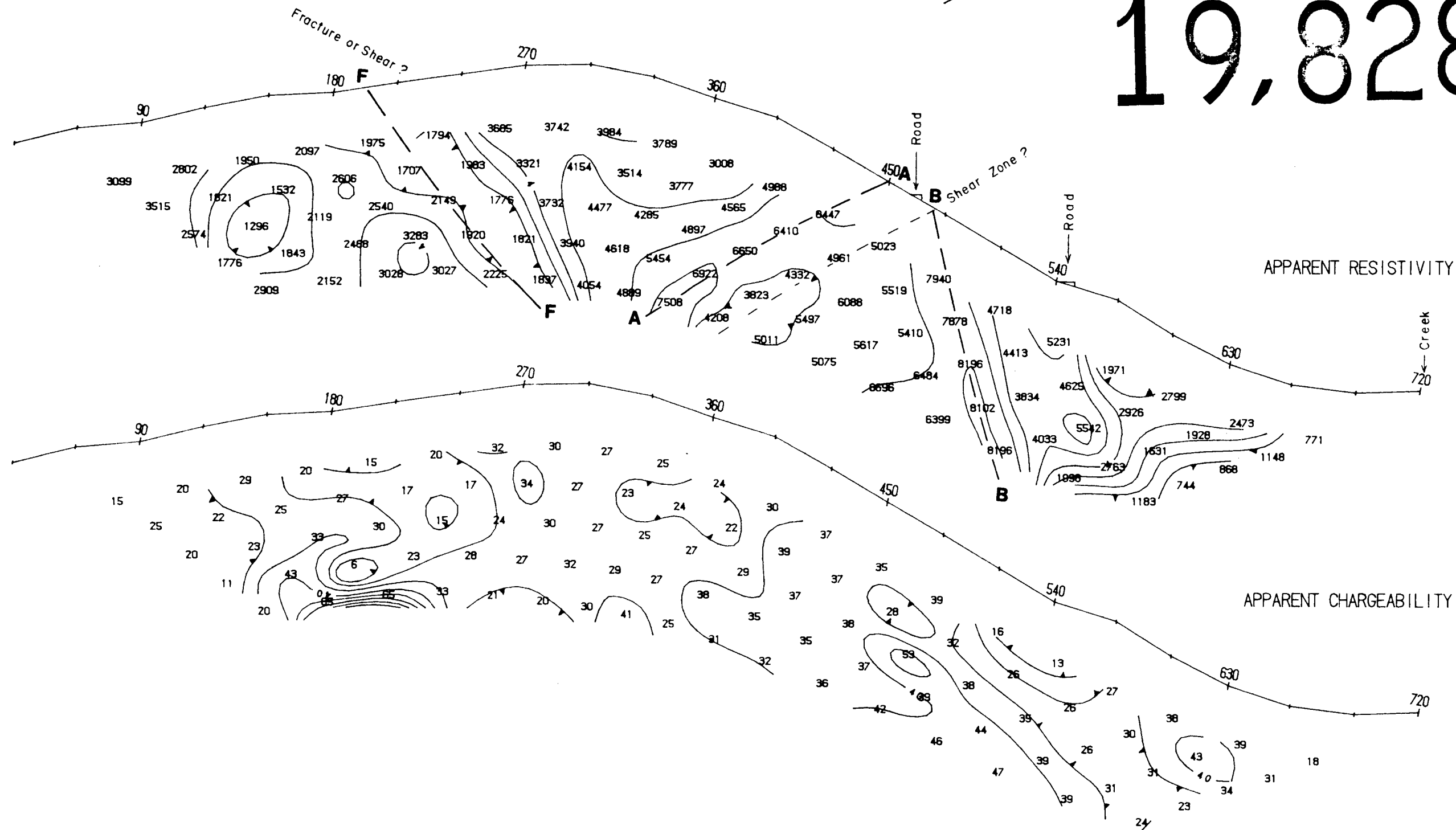


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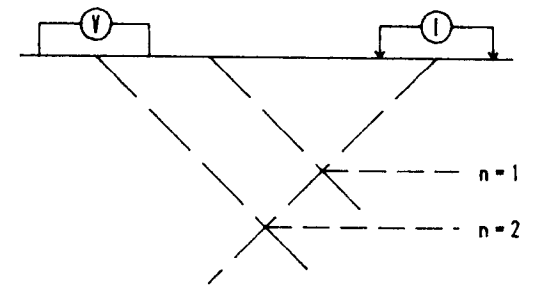
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,828

Survey Direction: North



Pseudosection Plotting Method



LEGEND

Contour Intervals:
Resistivity: Log base 10 ohm-m
Chargeability: 8 milliseconds

INSTRUMENTATION

Receiver: Huntec Model MK IV
Transmitter/Generator: Phoenix Model IPT-1 with 2.5 kWatt
Honda generator

SURVEY PARAMETERS

Survey Mode: Time Domain
Array: Double-Dipole
Dipole Length: 100 feet (30 metres)
Dipole separation: n=1 to 5
Delay Time: 150 milliseconds
Integration Time: 1500 milliseconds
Charge Cycle: 8 second square wave

SIERRA GEOSCIENCES INC.

ARMENO RESOURCES INC.
TRANS ATLANTIC RESOURCES INC.

STANDARD CREEK PROPERTY
Bralorne Area
Lillooet M.D., B.C.

PIEBITER CREEK GRID

I.P. LINE 6+00E

Surveyed by SIERRA GEOSCIENCES INC.
January, 1990

Scale 1:2000



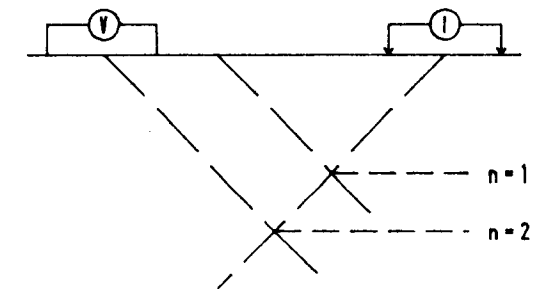
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**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,828

Survey Direction: North

Pseudosection Plotting Method



LEGEND

Contour Intervals:
Resistivity: Log base 10 ohm-m
Chargeability: 8 milliseconds

INSTRUMENTATION

Receiver: Huntac Model MK IV
Transmitter/Generator: Phoenix Model IPT-1 with 2.5 kWatt
Honda generator

SURVEY PARAMETERS

Survey Mode: Time Domain
Array: Double-Dipole
Dipole Length: 100 feet (30 metres)
Dipole separation: n=1 to 5
Delay Time: 150 milliseconds
Integration Time: 1500 milliseconds
Charge Cycle: 8 second square wave

SIERRA GEOSCIENCES INC.

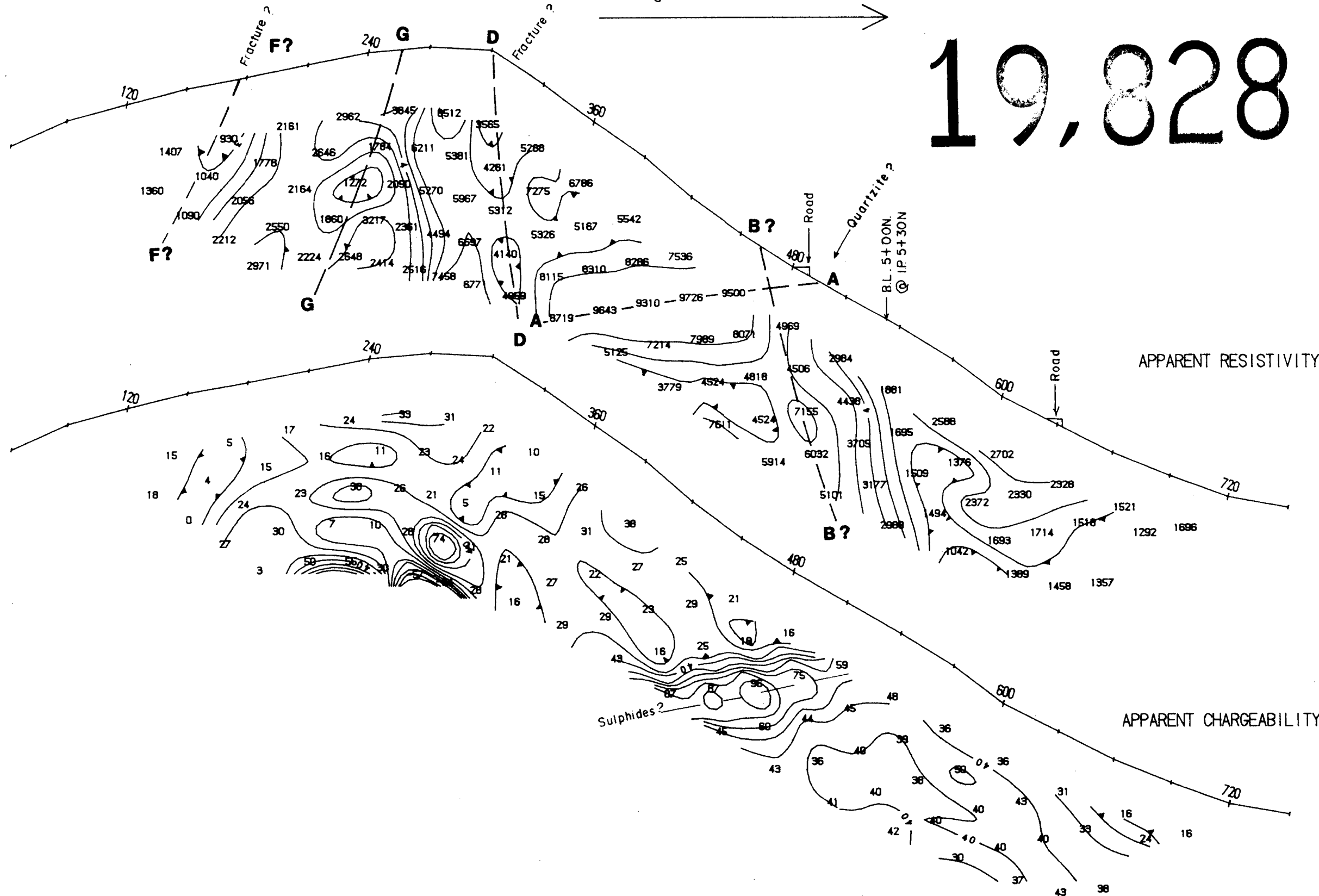
ARMENO RESOURCES INC.
TRANS ATLANTIC RESOURCES INC.

STANDARD CREEK PROPERTY
Bralorne Area
Lillooet M.D., B.C.

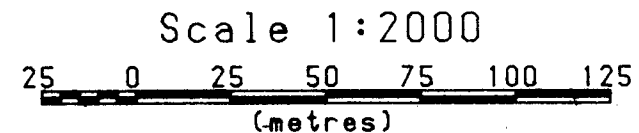
PIEBITER CREEK GRID

I.P. LINE 7+00E

Drawn by: Sierra	Job No. 9001	NTS 92J/10E	Scale 1:2000	Date Jan/90	Map No. 11
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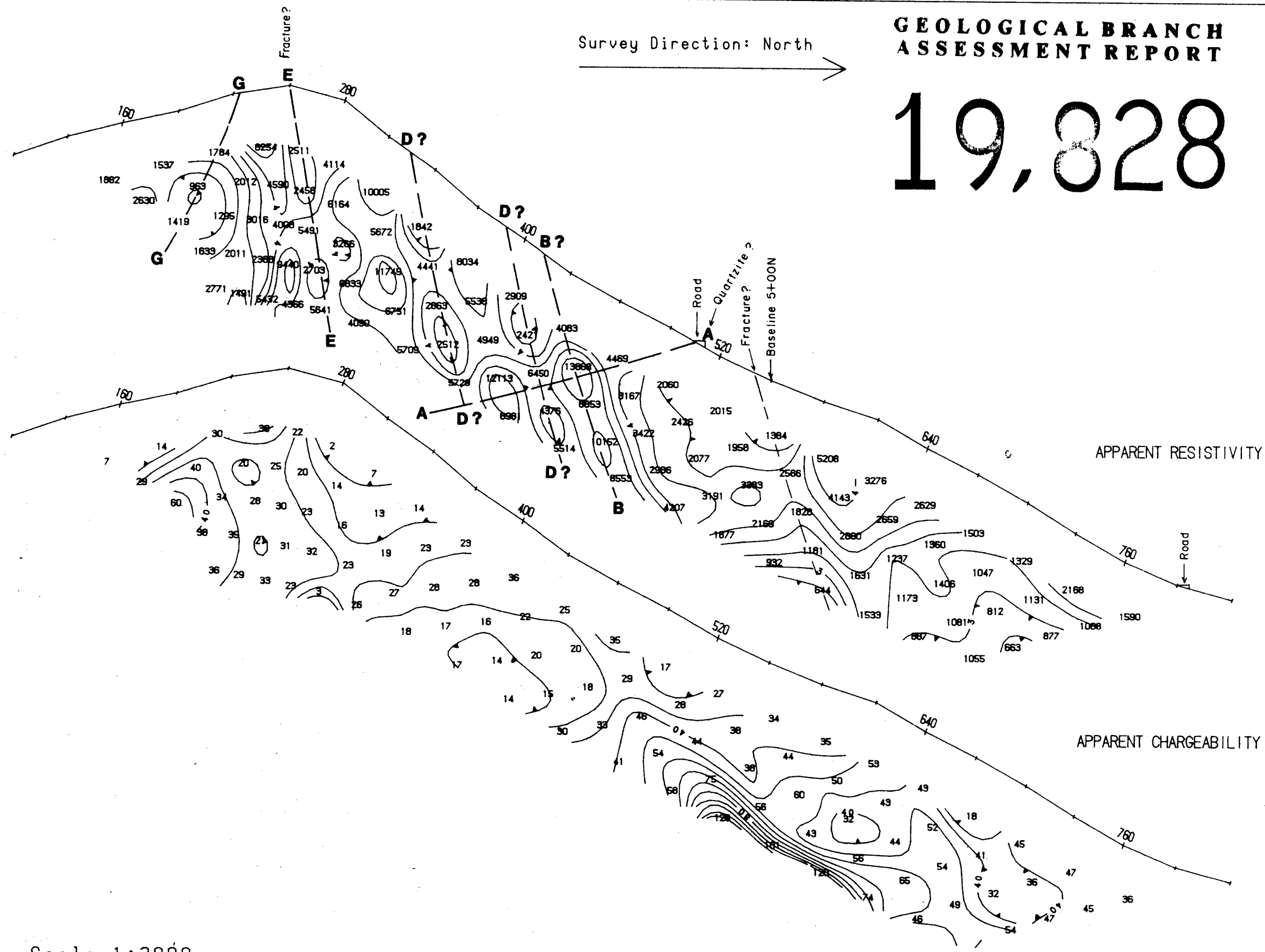
Surveyed by SIERRA GEOSCIENCES INC.
January, 1990



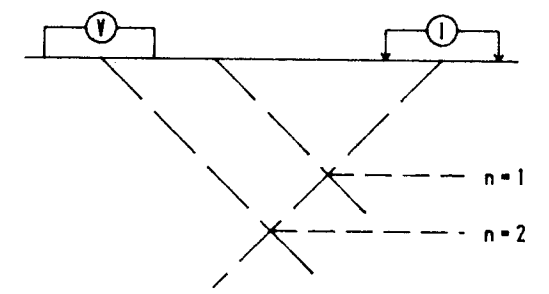
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,828

Survey Direction: North
→



Pseudosection Plotting Method



LEGEND

Contour Intervals:
Resistivity: Log base 10 ohm-m
Chargeability: 8 milliseconds

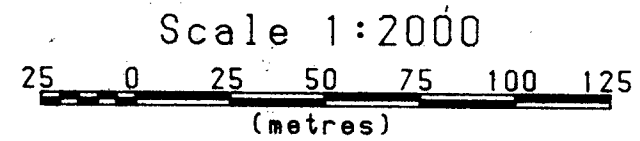
INSTRUMENTATION

Receiver: Huntec Model MK IV
Transmitter/Generator: Phoenix Model IPT-1 with 2.5 kWatt
Honda generator

SURVEY PARAMETERS

Survey Mode: Time Domain
Array: Double-Dipole
Dipole Length: 100 feet(30 metres)
Dipole separation: n=1 to 5
Delay Time: 150 milliseconds
Integration Time: 1500 milliseconds
Charge Cycle: 8 second square wave

SIERRA GEOSCIENCES INC.
ARMENO RESOURCES INC.
TRANS ATLANTIC RESOURCES INC.
STANDARD CREEK PROPERTY
Bralorne Area
Lillooet M.D., B.C.
PIEBITER CREEK GRID
I.P. LINE 8+00E



Surveyed by SIERRA GEOSCIENCES INC.
January, 1990

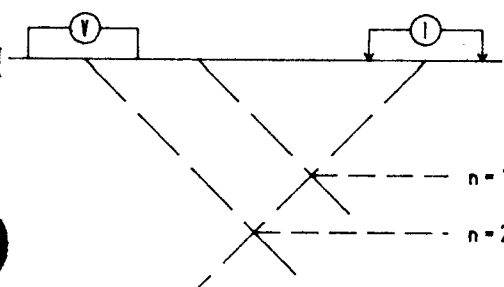
Drawn by: Sierra	Job No. 9001	NTS 92J/10E	Scale 1:2000	Date Jan/90	Map No. 12
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Survey Direction: North

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

19,828

Pseudosection Plotting Method



LEGEND

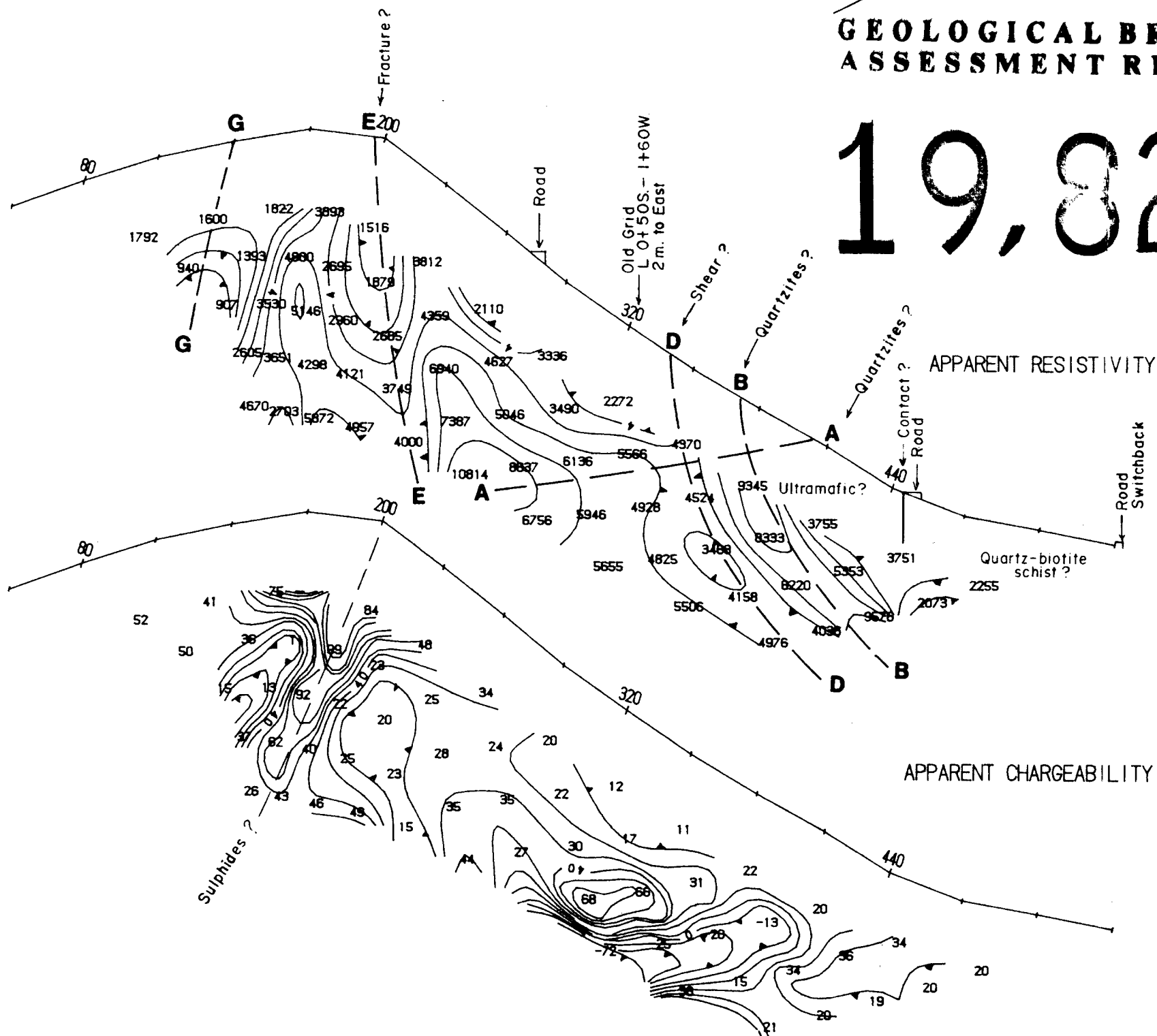
Contour Intervals:
Resistivity: Log base 10 ohm-m
Chargeability: 8 milliseconds

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APPARENT RESISTIVITY

APPARENT CHARGEABILITY

Scale 1:2000



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January, 1990

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ARMENO RESOURCES INC.
TRANS ATLANTIC RESOURCES INC.

STANDARD CREEK PROPERTY
Bralorne Area
Lillooet M.D., B.C.

PIEBITER CREEK GRID

I.P. LINE 9+00E

Drawn by: Sierra	Job No. 9001	NTS 92J/10E	Scale 1:2000	Date Jan/90	Map No. 13
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APPENDIX VI
Statement of Costs

STATEMENT OF COSTS
 PROJECT 89BC039
 STANDARD CREEK PROPERTY
 Period of Field Work: December 28/89-February 19, 1990

Salaries

D.Collins, Geologist 39.0 days @\$350/day	\$ 13,650.00	
J.P.Sorbara, Supervisor, 4.0 days @\$400/day	1,600.00	
J.P.Sorbara at Technician rate, 17.0 days @\$200/day	3,400.00	
J.Clark, Technician, 6.0 days @\$200/day	1,200.00	
D.Pormeroy, Technician, 2.0 days @\$200/day	400.00	\$ 20,250.00

Project Expenses

Project Preparation	4,632.90
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Mobilization/demobilization	4,751.92
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Domicile

60 man days @\$60.00/man/day	3,600.00
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Geochemistry

641 Samples \$3.75/sample preparation	\$ 2,403.75	
498 Samples \$16.00/6 element ICP, Au FA	7,968.00	
134 Samples \$28.50/sample Au, Pt, Pd, 6 element ICP	3,819.00	
9 Samples \$31.00/sample Au, Pt, Pd, 6 element ICP	279.00	
486 pounds \$0.45/sample drying	218.70	
1 - IBM disk	52.05	
76 pages Fax Services @\$0.50/page	38.00	
Freight charges for samples from hole #1 to #10	900.00	
Special orders 23 samples	146.00	15,824.50

Linecutting

Mobilization/Demobilization	650.00	
7 days @\$750.00/day	5,250.00	5,900.00

IP survey

Mobilization/Demobilization	1,400.00	
IP Survey 11.00 days @\$1,400.00/day	15,400.00	
IP Survey 1.00 day @\$850.00/day	850.00	
Geophysical Data reduction & report	1,450.00	19,100.00

Cat

Mob cat	429.00	
Skidder charge to clear road	150.00	
Cat, Fuel and Operator	13,975.00	14,554.00

Drilling

Reverse Circulation 4221 feet @\$13.28/foot	56,055.00
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Truck rental and fuel 39/days @\$72.90/day	2,843.21
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Field Supplies	1,695.73
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Maps and Publications	12.00
Accounting and Communications	2,191.40
Supervision	1,675.00
Report Compilation and Drafting	5,000.00
9.5% Project Management Fee	13,094.39

TOTAL COST	\$ 171,180.05
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