REPORT ON THE DIAMOND AND REVERSE CIRCULATION DRILLING PROGRAM ON THE SKOOKUM PROPERTY VERNON MINING DIVISION SOUTHEASTERN BRITISH COLUMBIA

Location
NTS 82-L/6W
Latitude: $50^{o}21'$N
Longitude: 119^{o} ~~23~~ 24'W

FOR

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1.0 SUMMARY

Pursuant to a request by the Presidents of Canova Resources Ltd. and Expeditor Resource Group Ltd., a limited diamond and reverse circulation drilling program was conducted on selected areas of the Skookum property, Vernon Mining Division, by Hi-Tec Resource Management Ltd. during November and December of 1988. The program was designed to follow-up results from a previous geological, geochemical, geophysical program and trenching program carried out earlier in the summer.

The Skookum property is located northwest of Okanagan Lake, approximately 15 km northwest of Vernon, B.C. The Vernon Area has seen minor placer activity since the early 1900's, however, there has been little exploration for lode gold deposits. In 1984, Huntington Resources began work on the Brett claims, which are located 15 kilometers southwest of the subject property. The discovery of a major epithermal gold system on the Brett claims has led to increased activity in the area, climaxing recently with the announcement by Huntington of a spectacular drill intersection of over 2 oz/ton Au over 235 feet.

The subject claims are underlain by Upper Triassic Nicola Group volcanics and Upper Triassic Slocan Group sedimentary rocks. The volcanics consist mainly of basaltic and andesitic tuffaceous rocks, while the sediments are primarily argillites. These rocks are cut be a granitic intrusion and numerous associated feldspar porphyry dykes. Quartz hosted precious and base metal mineralization is associated with these feldspar porphyry dykes at the Vera showing.

The Skookum showing consisting of a white sugary-textured quartz vein up to 4 meters wide, is hosted by a well cleaved dark grey-black graphitic schist within a shear zone. Values of up to 320.83 opt Ag and 0.117 opt Au. have been obtained from the contact between the quartz and the graphite. Numerous other excellent precious metal values were obtained from other vein and graphite samples.

The Skookum showing was originally staked in 1930. Records indicate that approximately 200 feet of shafts and drifts were dug with 127 tons of material sent to the smelter in trail. Recovery averaged 0.44 opt Au and 17.06 opt Ag. Reported values of 31.06 opt Au and 231 opt Ag were obtained from samples of decomposed quartz.

The Skookum showing is associated with two strong northeast trending VLF conductors which are paralleled and flanked by a magnetic anomalous zone.

A total of 239.84 meters (787 feet) were diamond drilled in three holes and a total of 516.38 meters (1694 feet) were rotary drilled in six holes. Portions of two of the holes were drilled using both diamond and rotary drilling techniques. The total number of holes drilled was seven. One hundred and twenty-seven core samples and three hundred and twenty-eight RC drilled bulk samples were collected.

The presence of an extensive network of quartz veinlets and the existence of quartz veins up to 3 meters wide, within a graphitic schist host rock, was confirmed by the drilling program. Zones up to 28 meters wide yielded anomalous values in zinc in all of the holes. The highest silver value recorded from the drilling program was 104.6 ppm (sample 88-SD2-6). The highest gold value was 363 ppb from hole 88-SRC-1.

Relatively low precious metal values were detected in the drilling samples in comparison to the results from the trenching program. However, the geological setting of the claims, enhanced by the presence of abundant quartz veinlets and quartz veins up to 3 meters in width, and additional geophysical anomalies which remain untested, implies that further work is warranted.

2.0 INTRODUCTION

Pursuant to a request by the Presidents of Canova Resources Ltd. and Expeditor Resource Group Ltd., a limited diamond and reverse circulation drilling program was conducted on selected areas of the Skookum property, Vernon Mining Division, by Hi-Tec Resource Management Ltd. during November and December of 1988. The purpose of the drilling program was (a) to determine the geometry and structure of the previously trenched surface showings and (b) obtain information on the structure and mineralization parameters along lateral extensions to these zones and (c) to test in a preliminary manner selected VLF-EM anomalies and conductors associated with the zone, which were delineated during ground geophysical surveys conducted during Phase I of the 1988 exploration.

This report is based on the results of the 1988 exploration program and on the available literature pertaining to the area.

2.1 Location and Access

The Skookum property is located in the Vernon Mining Division in Southern British Columbia. The claims are approximately 60 km north of Kelowna and 15 km northwest of Vernon on the north end of Okanagan Lake. The claims comprise a total of 69 units. The property is centered at latitude 50° 21' north and longitude 119° 23' west (Figure 1).

Access to the Skookum property is by a 4 - wheel drive dirt road which commences 6 km north of the Irish Creek turnoff along Westshore Road, through the yard of local residents. The initial 3 kilometers of dirt road traverses a section of the Okanagan Indian Band reserve. Permission to move

BRITISH COLUMBIA

Scale 1 : 7,500,000 approx.

CANOVA / EXPEDITOR

SKOOKUM GROUP

GENERAL LOCATION MAP

HI-TEC RESOURCE MANAGEMENT LTD.	SCALE: As shown	N.T.S.: 82L/6W	FIGURE No: 1
	DWN. BY: H.V.	DATE: Jan./1989	
	CHKD. BY: D. Collins	PROJECT No: 88BC051/052	FILE No:

drill equipment and personnel through the reserve was granted by the Band Council officials.

2.2 Property and Ownership

The Skookum group consists of a total of 69 units which were recorded on October 7, 1988. The claims are held jointly between Canova Resources Ltd. and Expeditor Resource Group Ltd.

The Skookum Group consists of 3 modified grid claims, the Tick, Tock and Jep # 2 for a total of 34 units. The Tick and Tock claims are under option to Canova Resources from Mervin Boe. The Jep # 2 claims have been optioned from J. Irwin. In addition, there are 35 2-post claims, including the Brit 1-32, the Sun 1 and 2 and the Ona. The Brit and Sun claims are 100% owned by Canova and Expeditor, while the Ona claim is under option from Frank Leginus.

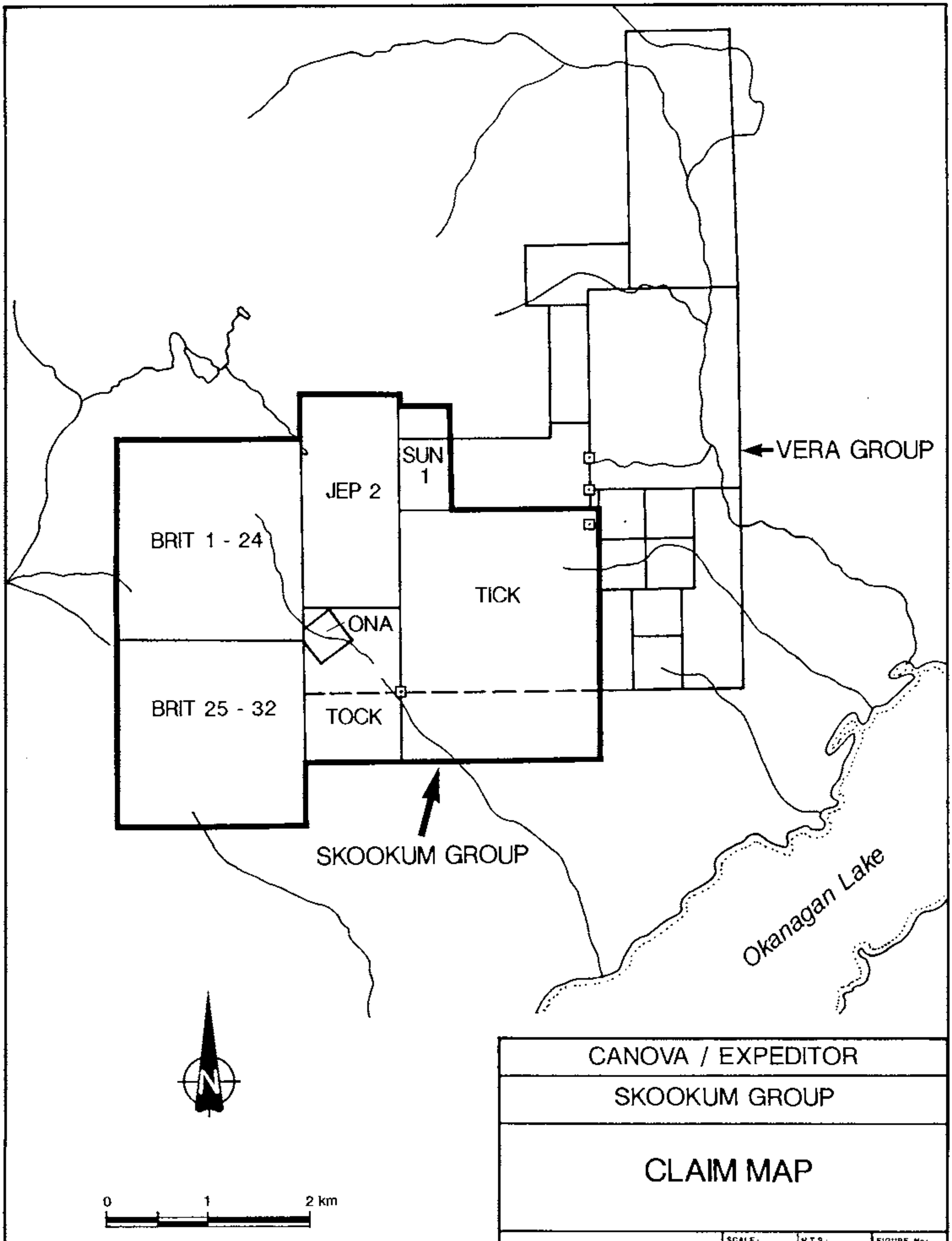
Pertinent claim data is summarized below:

Name	No. of Units	Record No.	Expiry Date
Tick	6	739	October 17,1990
Tock	20	738	October 17,1990
Jep # 2	8	2550	June 16, 1991
Sun 1	1	2935	August 3, 1991
Sun 2	1	2936	August 3, 1991
Ona	1	5943	October 9, 1991
Brit 1 - 24	24	2639 - 2662	June 21, 1991
Brit 25 - 32	8	2663 - 2670	June 22, 1991

The claim locations are shown on Figure 2.

2.3 Physiography

The claims are situated in the Okanagan Highland at the northeast edge of the Thompson Plateau. Local topographic relief varies from moderate to very steep. Elevations on the property range from 1050 meters to 1350 meters. The



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SKOOKUM GROUP

CLAIM MAP

HI-TEC RESOURCE MANAGEMENT LTD	SCALE: 1 : 50,000	N.T.S.: 82L/6W	FIGURE No: 2
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	CHKD. BY: D. Collins	PROJECT No: 88BC051/052	FILE No:

Skookum showing is located between the forks of Newport Creek.

2.4 Operations and Communications

The drilling program was conducted during the November and December of 1988. A total of 239.84 meters (787 feet) were diamond drilled in three holes and a total of 516.38 meters (1694 feet) were rotary drilled in six holes. Portions of two of the holes were drilled using both diamond and rotary drilling techniques. The total number of holes drilled was seven.

The field crew was based in Vernon, British Columbia and commuted 27 kilometers daily to the property. Telephone and fax communications with the office in Vancouver, British Columbia, were maintained on a regular basis. Transportation was provided by means of a 4 wheel-drive pick-up truck rented from Redhawk Rentals in Vancouver. Chains were required to enable access over the last 7 kilometers of snow covered dirt track.

3.0 HISTORY AND PREVIOUS WORK

The Vernon area has seen minor placer activity since the early 1900's, however, there has been little exploration for lode gold deposits. In 1984, Huntington Resources began work on the Brett claims, which are located 15 kilometers southwest of the subject property along Whiteman Creek. The discovery of a major epithermal gold system on the Brett claims has led to increased activity in the area, climaxing recently with the announcement by Huntington of a spectacular drill intersection of over 2 oz/ton Au over 235 feet. This hole was drilled at an angle of 84^{0} which is slightly oblique to the down dip angle of the zone.

Published results have also shown that there is dissemination of gold values in both hangingwall and footwall volcanics away from the main shear zone. One reverse circulation drill hole (RC-88-17) returned 25 feet grading 0.224 opt gold which includes a narrow intersection of 10 feet averaging 0.47 opt gold (Northern Miner, September 26, 1988). This property is now being explored by Huntington/Lacana under a joint venture agreement and drilling is expected to begin on the New Discovery zone which has similar geology (Northern Miner, September 26, 1988). Several other mineral showings have been reported in the area and many are hosted by quartz veins within epithermal systems.

Adjacent to the Skookum showing is the Vera property and Vera showing which was originally discovered in 1923. Development work included the excavation of one 15 m long adit as well as several pits. Two tons were shipped and reported to run 1.0 oz/ton Au and 41.0 oz/T Ag. No further work is reported in the area of the claims until 1970, when a geochemical soil survey, magnetic survey and geology was completed over the May and Red Hawk claims (Assessment Report 2552). These claims are no longer in existence, however part of the area is now covered by the Golden Zone #1 claims. Summary reports on the property have been written by Daughtry, (1980), Wilmot, (1985), Livgard, (1986), and Shaw, (1987 & 1988).

A limited magnetic and electromagnetic survey (1.2 km) was carried out on the Vera showing by Canova Resources Ltd. in December of 1987 (Freeze and Wetherill, 1988). The results of this program were inconclusive.

The Skookum showing was originally staked in 1930 by H.J. Blurton. A 25^0 and a 50^0 inclined shafts were sunk on the Skookum showing during the early 1930's and "rich values" were reportedly found in the 25^{0} shaft and workings (Stewart, 1947). Stewart concluded, from his examination, that the values associated with the workings were spotty in occurrence. Records indicate that approximately 200 feet of shafts and drifts were dug with 127 tons of material sent to the smelter in Trail. Recovery averaged 0.44 opt Au and 17.06 opt Ag and reported values of 31.06 opt Au and 231 opt Ag were obtained from samples of decomposed quartz (Grond, 1988).

In the early summer of 1988, Hi-Tec Resource Management conducted a geological and geochemical exploration program on the Skookum and Vera properties on behalf of Canova Resources Ltd. A geophysical survey was also conducted on the Vera property. The results of the program outlined a number of northwest trending geophysical and geochemical anomalies in the vicinity of the Vera showing, suggesting possible parallel structures. Follow-up trenching was recommended to test the zones, and this was completed during the late summer months. The best precious metal values obtained from the main vein zone was a grab sample of 148.46 opt Ag and 0.146 opt Au from 15% galena in quartz vein rubble. Other values recorded include sample 88-DTV-54 which yielded 64.46 opt Ag and 0.064 Au from 15% galena and tetrahedrite in quartz stringers across 0.6 m and 88-DTV-60 which recorded 67.96 opt Ag and 0.085 opt Au across 0.7 m of 10% galena and tetrahedrite in quartz stringers. Base metal values of up to 8030 ppm Cu, 110763 ppm Pb and 4773 ppm Zn were also recorded (Grond, 1988).

4.0 GEOLOGY

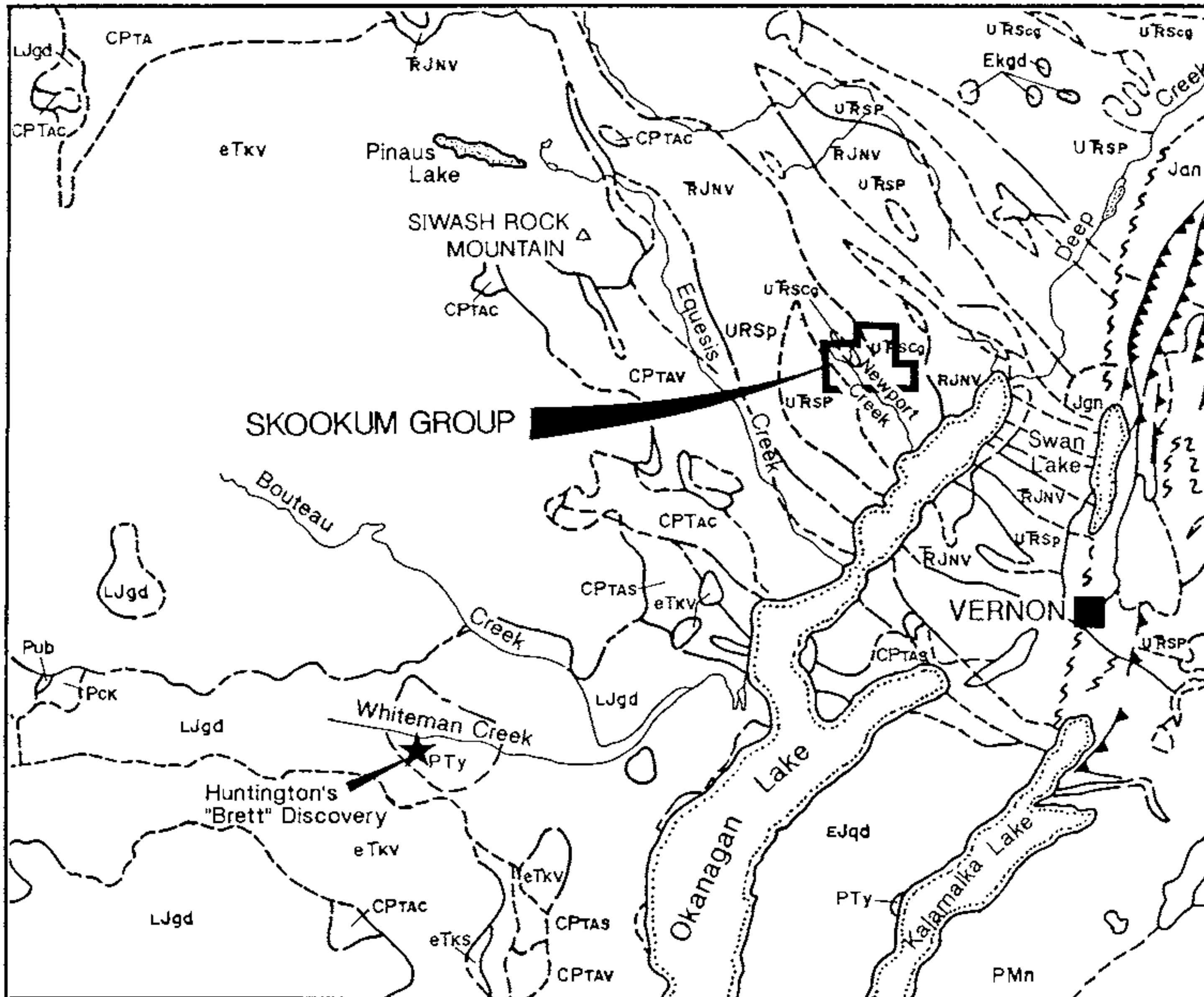
4.1 Regional Geology and Mineral Deposits

The Skookum property lies within the Omineca Geological Belt. According to Okulitch et al, (1979), the area is underlain by a sequence of Triassic and Jurassic Nicola Group andesite and basalt flows with associated pyroclastics and Slocan Group sediments, consisting of shale, argillite and siltstone (Figure 3). This package is intruded by plugs of Cretaceous Salmon Arm Pluton with granodiorite, granite, and quartz monzonite compositions.

Tertiary Plutonic rocks consisting primarily of syenites are located in the Whiteman Creek and Whiterocks area. In the Whiteman Creek area, the syenites are closely associated with a recently discovered, high grade gold zone at the Brett property, by Huntington Resources Ltd.

The geology of the Brett property consists of tertiary volcanics, including interbedded basaltic and andesitic flows and pyroclastic (tuffaceous) rocks, in fault contact with granitic rocks. A small syenitic intrusion cuts the granitic rocks and is closely related to a series of feldspar porphyry dykes which are directly associated with the main gold bearing structures on the property. The north-northwesterly trending mineralized structures occur within the tertiary volcanics rocks and are epithermal in origin. According to W. Grunenwald, (1987), "the dykes are associated with shear zones that likely provided the planes of weakness for their emplacement".

Major west-northwest trending fault structures occur throughout the area on the northwest side of Okanagan Lake and can often be identified on the topography maps by drainage patterns.



LEGEND

Tertiary

eTKV Kamloops group, volcanics
Pty Syenite, granitic rocks

Cretaceous

Ekgd Granitic rocks

Jurassic

Jgn Intrusions, pegmatites, dykes
EJgn Nelson Plutonic rocks
LJgd Valhalla Plutonic rocks

Triassic & Jurassic

ŦRJNV Nicola gp. volcanics & sediments
UŦRSP / UŦRScg Slocan gp. sediments

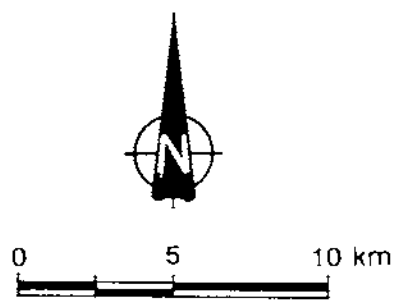
Paleozoic

PMn Metavolcanics

Carboniferous

Thompson assemblage

CPTAS / CPTAV / CPTAC Volcanics, volcaniclastic, sediments
Pub Serpentine



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SKOOKUM GROUP

REGIONAL GEOLOGY

HI-TEC RESOURCE MANAGEMENT LTD.

SCALE:	N.T.S.: 82L/6W	FIGURE No: 3
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4.2 Property Geology

The Skookum showing is located in the northern portion of the Tock claim (Figure 4). The schist unit is in fault contact to the north with rusty phyllitic sediments. The schist hosted quartz veins appear to be related to a wide shear zone which may be associated with a nearby dioritic intrusion.

The Skookum showing consists of a decomposed white sugary-textured quartz vein up to 4 meters wide hosted by a well cleaved dark grey-black graphitic schist. The graphitic schist is developed within a major shear zone and contains significant amounts of visible base metal mineralization at the main surface showing. Massive tetrahedrite and pyrite are commonly evident in samples.

An associated tension gash array developed along the thrust(?) contact of graphite and the overlying phyllite is also mineralized. The contacts of the vein carry values in addition to the graphitic partings in the vein.

Approximately fifty meters north of the Skookum showing, a body of hornblende porphyritic intrusive rock outcrops. This rock is pale green with abundant black xenoliths of argillaceous wallrock and small, black, eughedral hornblende phenocrysts. Several outcrops of this intrusion occur north of the main Skookum showing.

A trenching program was carried out on the main Skookum showing during August, 1988, under the direction of Hi-Tec Resource Management Ltd. A forty-five meter long trench was excavated at the Skookum showing which exposed a portion of a quartz vein up to four meters wide within a bed of massive, soft, graphitic schist. The graphite is intensely sheared and bedding is difficult to discern at surface. The quartz and graphitic schist are overlain by strongly sheared and folded interlayered argillite and phyllite. The contact between the graphite and argillite is marked by a quartz infilled sigmoidal tension gash array. This contact is interpreted as being a shear and possible thrust contact. Pyrite is commonly present as blebs and stringers within the graphitic schist.

The best precious metal values recorded from the trenching program were associated with tetrahedrite and galena mineralization within quartz veins. The highest value obtained was 320.83 opt Ag and 0.117 opt Au from a grab sample containing 30-40% galena and tetrahedrite in quartz along the tension gash array zone. Other high values were obtained from sample 88-DTS-19, 205.92 opt Ag and 0.070 opt Au from a grab of 15-20% Tetrahedrite, galena and sphalerite, and sample 88-DTS-27 yielded 224.00 opt Ag and 0.071 opt Au from a grab of 15% tetrahedrite in a quartz vein. The highest value obtained from a channel sample was 68.83 opt Ag and 0.094 opt Au across 2 meters of 15% tetrahedrite in a quartz vein (88-DTS-27) (Grond, 1988).

Precious metal mineralization occurs within the graphite as well as the quartz veins and stringers which invade the graphite. Lenses and partings within the quartz are often rich with tetrahedrite, sphalerite and galena. Pyrite within the graphite is likely syngenetic. Based on the assay results of samples of the sheared graphite, it is probable that the sheared graphite contains appreciable tetrahedrite which is fine grained and not visible in hand sample. Several samples which demonstrate this are: 88-DTS-12, a grab of massive graphite at lower contact of the quartz vein, 4.87 opt Ag, 0.011 opt Au and 88-DTS-17, minor quartz in massive graphite, 12.98 opt Ag, 0.006 opt Au. Values up to 30667 ppm Cu, 108634 ppm Pb and 68996 ppm Zn were also recorded.

5.0 PROPERTY GEOPHYSICS

A VLF-EM geophysical survey was conducted over the Skookum showing during November, 1988. The geophysical survey results show the extent of conductive horizons (probably graphite) and magnetic rock types (probably andesite) on the grid (Collins, Graham and Dahrouge, 1988).

The Skookum showing is associated with two strong northeast trending VLF conductors which are paralleled and flanked by a strong magnetic anomalous zone. The magnetic zone is probably related to the overlying andesites which contain abundant disseminated pyrrhotite. Numerous other spot magnetic anomalous zones have been outlined during the 1988 geophysical program.

The two VLF conductors define the boundaries of the graphitic schist horizon which represents a major northeast trending shear zone. This shear zone is host to a network of numerous quartz veinlets and occasional quartz veins of from 50 cm to 4 meters in width.

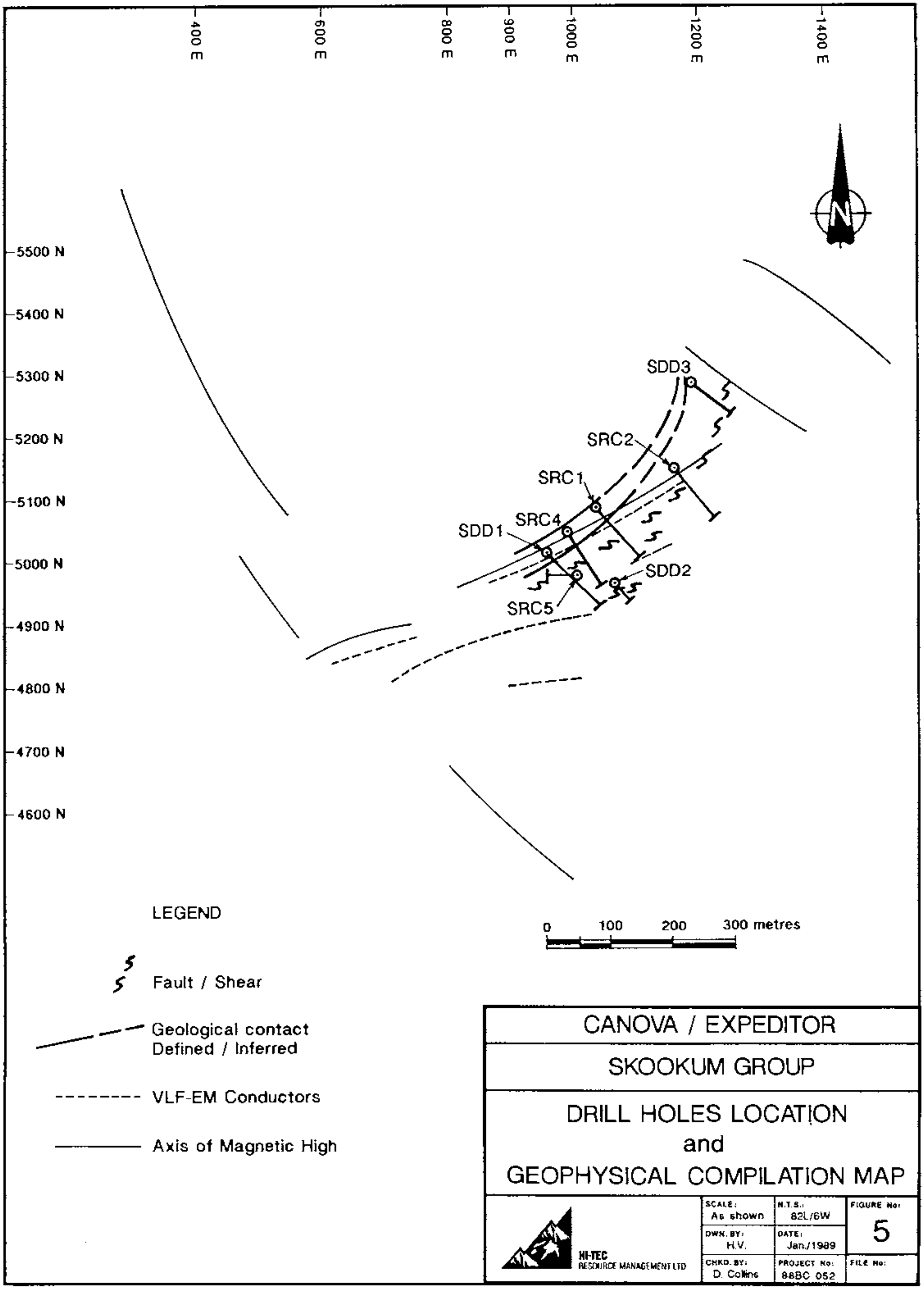
A cluster of northeasterly trending conductive zones in the central grid area correlate partially with the known extent of the graphitic horizons with which the precious metal values are associated. As such, they are valuable indicators of the probable extent of the system. The conductors are quite continuous, and extend for about 600 meters from 650E/4850N to 1150E/5100N (Figure 5, Section 6)..

6.0 DRILLING PROGRAM

The drilling contractors were D. W. Coates Enterprises Ltd. of Delta, British Columbia. An Acker drilling rig, capable of drilling by both diamond and reverse circulation techniques, was used throughout the drilling program. One complete hole (88-SDD-001) was diamond drilled, two holes were combined diamond/reverse circulation drilled (88-SDD-002, 88-SDD-003) and four holes were completed using only reverse circulation techniques. The bedrock was cored with a NQ diamond bit. The diameter of the reverse circulation holes was 4 1/8".

A total of 239.84 meters (787 feet) were diamond drilled in three holes and a total of 516.38 meters (1694 feet) were rotary drilled in six holes. Portions of two of the holes were drilled using both diamond and rotary drilling techniques. The total number of holes drilled was seven (Figure 5). All of the core boxes are stored on the property at grid line 975E/5000N.

One hundred and twenty-seven core samples and three hundred and twenty-eight RC drilled bulk samples were collected. The latter samples were collected at 5 foot intervals. All of the samples were submitted to Min-En Laboratories Ltd., in Vancouver, B.C., for Au, Ag, As, Ba, Cu, Pb, Zn and Sb analysis by the Induced Coupled Plasma (ICP) method. Twenty-five core samples, from 88-SDD-001, were analyzed for gold and silver by the Fire Assay (F.A.) method. Analytical procedures are reported in Appendix II and analytical data can be found in Appendix III.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4600 N
N
SDD3
SRC2
SRC1
SRC4
SDD1
SDD2
SRC5
0 100 200 300 metres
LEGEND
Fault / Shear
Geological contact Defined / Inferred
VLF-EM Conductors
Axis of Magnetic High
CANOVA / EXPEDITOR
SKOOKUM GROUP
DRILL HOLES LOCATION and GEOPHYSICAL COMPILATION MAP
HI-TEC RESOURCE MANAGEMENT LTD
SCALE: As shown
N.T.S.: 82L/6W
FIGURE No: 5
DWN. BY: H.V.
DATE: Jan./1989
CHKD. BY: D. Collins
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Statistical treatment of data was possible for each analyzed element. Statistical data, histograms and correlation coefficients are listed in Appendix IV-A through Appendix IV-C. Each drill hole is summarized below and detailed diamond drill logs and summary log geological cross-sections are presented in Appendix V. Reverse Circulation sample descriptions and sample intervals are included in Appendix VI.

The diamond drilling and reverse circulation drilling program was designed to (a) determine the geometry and structure of the previously trenched surface showings and (b) obtain information on the structure and mineralization parameters along lateral extensions to these zones and (c) to test in a preliminary manner selected VLF-EM anomalies and conductors associated with the zone, which were delineated during ground geophysical surveys conducted during Phase I of the 1988 exploration. The drill holes were laid-out such that they would intersect the two main VLF conductors and the full width of the graphitic schist infilled shear zone.

88-SDD-1

This hole was located at Line 975E/5015N and was diamond drilled to a depth of 154.5 meters (507 feet) at an azimuth of 140^0 and an angle of -45^0. The hole was collared in medium to coarse grained, tuffaceous grey/green andesite.

The core from hole 88-SDD-001 consisted of 13 meters (43 feet) of andesite which contained fine grained disseminated pyrrhotite throughout. This is underlain by 117 meters (384 feet) of graphitic schist. The graphitic schist is well mineralized throughout with pyrite blebs and stringers and contains abundant 1-3 mm quartz veinlets. The lower 25 meters (82 feet) of the core consisted of more competent grey/green phyllite with minor graphitic partings and laminations.

Quartz veins up to 40 cm in width were intersected towards the top of the graphitic unit. A 3.3 meter quartz vein was intersected within the green phyllitic unit at 145.4 meters. The contacts of the vein were ground and no core axes could be obtained. This vein contained disseminated pyrite and chalcopyrite within fractures and argillaceous partings. An along strike portion of this vein is exposed in an old adit from which values with a reported average of 0.44 opt Au and 17.06 opt Ag were obtained. Reported values of 31.06 opt Au and 231 opt Ag, which were obtained from samples of decomposed quartz, are also contained in the old literature.

Core axes vary from 90^{0} to 25^{0} within the core. The lower core axes were recorded below a deformed, possible fault intersection zone, at the 115 meter level in the graphitic schist.

Eighty-eight samples were collected and geochemical values show a 28.15 meter wide anomalous zinc zone from 58.7 to 86.85 meters (samples 88-SD1-43, 88-SD1-46 to 88-SD1-53 and 88-SD1-55, 56). Values in this zone range from 104 ppm to 691 ppm Zn. A second anomalous zinc zone occurs between 103.9 and 114.4 meters (samples 88-SD1-70 to 74). Values in this 10.5 meter wide zone range from 158 ppm to 526 ppm Zn. Two highly anomalous barium values, 1507 ppm and 1669 ppm, were recorded from samples 88-SD1-65 and 88-SD1-85, respectively. Precious metal values as well as arsenic, copper, lead and stibnite values are relatively low. Gold values range from 1 ppb to 78 ppb and silver values range from 0.3 ppm to 6.4 ppm. Sample 88-SD1-20 yielded both the highest gold and silver values.

88-SDD-2

This hole was located at Line 1080E/4975N and was drilled to a depth of 55.5 meters (182 feet) at an azimuth of 140^{0} and an angle of -60^{0}. The top 23.2 meters was drilled using RC techniques and the remainder was diamond drilled. The hole was collared in a medium to fine grained brown/grey argillaceous graphitic unit.

The core from hole 88-SDD-002 consisted of black graphitic schist with interbedded pale grey tuffaceous laminae. Quartz stringers were evident throughout the core. These were generally $\leq$ 1 cm in thickness. The graphitic schist is well mineralized throughout with pyrite blebs and stringers. Minor azurite staining was evident in the quartz veinlets at the 32 meter level (sample 88-SD2-8).

Fourteen RC samples and nineteen split core samples were collected. Sample 88-SD2-6 yielded a gold value of 50 ppb and a silver value of 104.6 ppm. The remaining precious metal values are low. The geochemical values show a 27 meter wide anomalous zinc zone from 28.4 to 55.5 meters (samples 88-SD2-6 to 88-SD2-19). Values in this zone range from 127 ppm to 891 ppm Zn.

88-SDD-3

This hole was located at Line 1195E/5300N and was drilled to a depth of 103.0 meters (339 feet) at an azimuth of 130^0 and an angle of -45^0. The top 50.6 meters was drilled using RC techniques and the remainder was diamond drilled. The hole was collared in a medium to coarse grained, black/light-grey argillaceous graphitic unit.

The core from hole 88-SDD-002 consists of black graphitic schist with interbedded pale grey tuffaceous laminae. Quartz stringers were evident throughout the core as in the former holes.

Twenty-nine RC samples and twenty split core samples were collected. Pyrite blebs and stringers were commonly evident throughout the graphitic schist unit. The geochemical values in zinc were predominantly anomalous below a depth of 23 meters (from RC sample 2000A to 88-SD3-20). Values in this zone range from 56 ppm to 516 ppm Zn. Precious metal values are relatively low. Gold values range from 1 ppb to 22 ppb and silver values range from 0.9 ppm to 6.7 ppm.

88-SRC-1

This hole was located at Line 1050E/5095N and was drilled to a depth of 135.9 meters (446 feet) at an azimuth of 140^0 and an angle of -45^0. The hole was collared in a medium grained, light-brown andesitic unit.

The cuttings from the hole consist predominantly of black graphitic schist with interbedded pale grey tuffaceous units. Quartz was evident in some of the bulk samples. Up to 4% pyrite and trace pyrrhotite were also occasionally present in some of the samples.

Ninety-one RC samples, collected at 5 foot intervals, were submitted to Min-En Labs. The geochemical values in zinc were predominantly anomalous from a depth of 26.21 meters to 64.31 meters (from sample 14544A to sample 14568A). Values in this zone range from 74 ppm to 389 ppm Zn. Sample 14560A yielded the highest precious metal values of 363 ppb gold and 8.4 ppm silver. Samples 14561A and 14564A yielded values of 174 ppb and 120 ppb gold, respectively.

88-SRC-2

This hole was located at Line 1160E/5155N and was drilled to a depth of 135.9 meters (446 feet) at an azimuth of 140^0 and an angle of -45^0. The hole was collared in a fine to coarse grained, brown/light-grey graphitic unit.

The cuttings from the hole consist predominantly of black graphitic schist with interbedded pale grey tuffaceous units. Quartz was evident in some of the bulk samples. Up to 8% pyrite and trace pyrrhotite were also occasionally present in some of the samples.

Eighty-seven RC samples, collected at 5 foot intervals, were submitted to Min-En Labs. The geochemical values in zinc were predominantly anomalous from a depth of 10.97 meters to 56.69 meters (from sample 1907A to sample 1936A). Values in this zone range from 93 ppm to 316 ppm Zn. Sample 1917A yielded precious metal values of 147 ppb gold and 60.0 ppm silver. Samples 1956A and 1957A yielded values of 17 ppm and 34 ppb gold, and 711 ppm and 1,083 ppm zinc, respectively. Four anomalous barium values, ranging from 602 ppm to 1,263 ppm were recorded by samples 1946A to 1949A.

88-SRC-4

This hole was located at Line 997E/5055N and was drilled to a depth of 129.8 meters (426 feet) at an azimuth of 150^0 and an angle of -45^0. The hole was collared in a fine to medium grained, light-brown/grey graphitic unit.

The cuttings from the hole consist predominantly of black graphitic schist with interbedded pale grey tuffaceous units. Quartz was evident in some of the bulk samples. Up to 5% pyrite and trace pyrrhotite were also occasionally present in some of the samples.

Eighty-three RC samples, collected at 5 foot intervals, were submitted to Min-En Labs. The geochemical values in zinc were predominantly anomalous from a depth of 21.64 meters to 110.03 meters (from sample 45163A to sample 45070A). Values in this zone range from 72 ppm to 462 ppm Zn. Six samples yielded elevated precious metal values of from 105 ppb to 151 ppb gold and up to 7.6 ppm silver.

88-SRC-5

This hole was located at Line 1005E/5000N and was drilled to a depth of 41.45 meters (136 feet) at an azimuth of 270^0 and an angle of -45^0. The hole was collared in a fine to coarse grained, black graphitic unit.

The cuttings from the hole consist predominantly of black graphitic schist with interbedded pale grey graphitic units. Quartz was evident in some of the bulk samples. Up to 10% pyrite was also occasionally present in some of the samples.

Twenty-four RC samples, collected at 5 foot intervals, were submitted to Min-En Labs. Eleven of the samples yielded zinc values greater than 100 ppm. Three samples yielded elevated precious metal values of 105 ppb, 112 ppb and 172 ppb gold. The highest recorded silver value is 2.6 ppm silver.

The calculated correlation coefficients for these holes show a moderate correlation of 0.7 between Pb and Ag. Slight correlations are exhibited between the following elements: Au-As, Au-Pb, Au-Sb and Pb-As. The remaining elements only show weak correlation coefficients. Overall, the geochemical results of the drilling are relatively low in comparison to the results obtained from the trenching program.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The Skookum showing consists of a white sugary-textured quartz vein up to 4 meters wide hosted by a well cleaved dark grey-black graphitic schist. The graphitic schist is developed within a major shear zone and contains significant amounts of visible base metal mineralization. Massive tetrahedrite and pyrite are commonly evident in samples. The results of a trenching program carried out on the main Skookum showing, during the summer of 1988, indicated that highly anomalous levels of precious metals were associated with the graphitic schist and quartz veining.

An associated tension gash array developed along the thrust contact of graphite and the overlying phyllite is also mineralized. The contacts of the vein carry values in addition to the graphitic partings in the vein. Samples from this contact yielded a high grade grab sample value of 320.83 opt Ag, 0.117 opt Au. Additional values recorded from the showing have included values of up 224.0 opt silver and 0.071 opt gold. Values of up to 68.83 opt silver and 0.094 opt gold have been recorded from channel samples across 2.0 meters.

The Skookum showing is associated with two strong northeast trending VLF conductors which are paralleled and flanked by a magnetic anomalous zone. The magnetic zone is probably related to the overlying andesites which contain abundant disseminated pyrrhotite. Numerous other spot magnetic anomalous zones have been outlined during the 1988 geophysical program.

A total of 239.84 meters (787 feet) were diamond drilled in three holes and a total of 516.38 meters (1694 feet) were rotary drilled in six holes. Portions of two of the holes were drilled using both diamond and rotary drilling techniques. The total number of holes drilled was seven.

The presence of an extensive network of quartz veinlets and the existence of quartz veins up to 3 meters wide, within a graphitic schist host rock, was confirmed by the drilling program. Zones up to 28 meters wide yielded anomalous values in zinc in all of the holes. The highest silver value recorded from the drilling program was 104.6 ppm (sample 88-SD2-6). The highest gold value was 363 ppb from hole 88-SRC-1.

Relatively low precious metal values were detected in the drilling samples in comparison to the results from the trenching program. However, the geological setting of the claims, enhanced by the presence of abundant quartz veinlets and quartz veins up to 3 meters in width, implies that further work is warranted. The limited drilling program was designed to test the graphitic schist zone as defined by the geophysics survey. The latter survey also outlined additional northwest oriented zones which are interpreted as fault zones. These areas should be investigated by additional geological mapping and geochemical sampling.

Only limited exploration work has been conducted on the Skookum property. No prospecting, mapping or geochemical sampling has been conducted over the vast majority of the claims and consequently the potential for mineralization remains largely untested. Previous work has concentrated on the main Skookum showing with only minor attention being paid to the remainder of the claim area. The geological setting of the claims within an area of known mineral deposits, underlain in part by a correlative sequence, provides sufficient encouragement to conduct exploration programs on the claims. In addition, recent mineral discoveries from exploration work and drilling on nearby properties demonstrate that the potential for the existence of significant mineralization is a distinct possibility and should be tested.

The writers conclude that geological mapping and selective geochemical sampling should be conducted over the entire unmapped claim area to outline other areas of interest.

Respectfully submitted,

HI-TEC RESOURCE MANAGEMENT LTD.

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

GEOLOGICAL ASSOCIATION OF CANADA D.A. COLLINS FELLOW

J. Dahrouge, B.Sc., G.I.T.

January , 1989

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APPENDIX I

STATEMENTS OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

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

1. THAT I am a geologist employed by Hi-Tec Resource Management Ltd. at 1500-609 Granville Street, Vancouver, British Columbia, Canada, V7Y 1G5.

2. THAT 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. THAT I have been practising my profession as a geologist in Ireland, South Africa and Canada since 1980.

4. THAT I am a Fellow, in good standing, with 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 Alberta and the Northwest Territories.

Dated in Vancouver, British Columbia, this 30th day of January, 1989.

Denis Collins

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

D.A. COLLINS

STATEMENT OF QUALIFICATIONS

I, Jody Dahrouge, of the town of St. Paul, in the province of Alberta, do hereby certify:

1) I am a geologist employed by Hi-Tec Resource Management Ltd., of 1500-609 Granville Street, Vancouver, British Columbia.

2) I am a graduate of the University of Alberta, with a B.Sc., 1988, in Geological Sciences.

3) I have practised my profession as a geologist, for one field season since my graduation as follows:

1988 May-June, Lacana Mining Corp., Vancouver, B.C.

1988 July-Dec., Hi-Tec Resource Management Ltd., Vancouver, B.C.

4) I have not received, nor do I expect to receive any interests, direct or indirect in the securities of Canova or Expeditor.

SIGNED: Jody Dahrouge
J. Dahrouge, B.Sc.

APPENDIX II

GEOCHEMICAL PREPARATION AND ANALYTICAL PROCEDURES

GEOCHEMICAL RESULTS AND LABORATORY ANALYTICAL METHODS

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

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

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

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

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Specialists in Mineral Environments

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

FIRE GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

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

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

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

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

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

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

APPENDIX III

ANALYTICAL DATA FOR CORE/R.C. SAMPLES

SKOOKUM PROPERTY, VERNON MINING DIVISION.
ASSAY RESULTS: DIAMOND DRILL HOLE 88-SDD-001

Sample Number	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
88 SD1 001	1.6	0.05	.02	0.001
88 SD1 002	1.4	0.04	.01	0.001
88 SD1 003	1.3	0.04	.02	0.001
88 SD1 004	1.5	0.04	.02	0.001
88 SD1 005	.4	0.01	.01	0.001
88 SD1 006	1.8	0.05	.02	0.001
88 SD1 007	1.2	0.04	.01	0.001
88 SD1 008	.3	0.01	.02	0.001
88 SD1 009	.9	0.03	.01	0.001
88 SD1 010	2.0	0.06	.01	0.001
88 SD1 011	.2	0.01	.01	0.001
88 SD1 012	1.1	0.03	.01	0.001
88 SD1 013	.8	0.02	.01	0.001
88 SD1 014	.3	0.01	.01	0.001
88 SD1 032	2.4	0.07	.02	0.001
88 SD1 033	1.8	0.05	.01	0.001
88 SD1 035	1.9	0.06	.02	0.001
88 SD1 043	1.3	0.04	.02	0.001
88 SD1 046	1.0	0.03	.02	0.001
88 SD1 054	.8	0.02	.01	0.001
88 SD1 062	1.4	0.04	.02	0.001
88 SD1 065	1.9	0.06	.02	0.001
88 SD1 066	1.8	0.05	.01	0.001
88 SD1 067	.9	0.03	.01	0.001
88 SD1 068	.7	0.02	.02	0.001

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
88SD1001	7	89	96	14	1	57		
88SD1002	8	110	46	19	2	52		
88SD1003	13	74	60	19	2	59		
88SD1004	5	48	53	11	2	65		
88SD1005	6	84	84	19	1	194		
88SD1006	12	60	95	21	4	139		
88SD1007	7	102	100	16	2	154		
88SD1008	5	91	123	16	1	134		
88SD1009	5	52	103	15	2	98		
88SD1010	19	61	94	17	1	167		
88SD1011	10	71	85	15	2	98		
88SD1012	20	80	107	20	3	267		
88SD1013	13	75	85	14	3	181		
88SD1014	10	71	72	21	3	88		
88SDI015	4	62	63	16	4	125	1	1.0
88SDI016	29	46	91	19	2	219	1	1.2
88SDI017	2	65	70	18	4	93	2	1.2
88SDI018	18	57	93	12	3	104	8	1.0
88SDI019	17	80	88	17	7	102	20	3.2
88SDI020	11	39	78	21	16	112	78	6.4
88SDI021	12	65	94	15	10	228	37	4.1
88SDI022	35	127	25	11	2	79	55	1.2
88SDI023	40	72	55	15	4	151	4	1.0
88SDI024	4	58	112	20	6	220	44	0.9
88SDI025	22	72	110	25	8	181	2	0.9
88SDI026	21	76	86	17	3	109	1	1.1
88SDI027	4	92	69	18	3	108	1	0.8
88SDI028	9	78	1	30	1	45	1	0.5
88SDI029	10	90	9	39	2	44	2	0.7
88SDI030	5	165	51	32	3	70	4	1.6
88SDI031	16	71	88	27	2	77	2	1.2
88SD1032	25	31	65	24	4	47		
88SD1033	5	60	54	24	2	76		
88SDI034	7	78	43	9	1	84	1	0.8
88SD1035	7	60	87	13	1	50		
88SDI036	3	77	90	12	1	124	2	1.6
88SDI037	26	71	108	20	1	122	2	1.2
88SDI038	42	88	97	15	1	83	3	1.1
88SDI039	38	114	78	11	1	76	1	1.2
88SDI040	13	91	72	20	1	72	2	1.2
88SDI041	12	68	72	11	1	86	1	1.4
88SDI042	31	73	67	18	1	53	1	1.2
88SD1043	12	50	25	14	1	403		
88SDI044	23	69	87	19	1	60	1	0.8
88SDI045	21	74	53	15	1	33	2	1.1
88SD1046	4	99	34	21	1	402		
88SDI047	29	69	87	14	1	107	1	1.6
88SDI048	7	60	48	10	1	366	1	1.2
88SDI049	1	53	57	15	1	264	1	1.3
88SDI050	7	73	33	22	2	343	1	2.0
88SD1051	6	66	70	25	1	513	2	1.1
88SD1052	1	73	26	16	2	202	1	1.0

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
88SD1053	9	104	42	24	1	366	3	0.8
88SD1054	13	44	21	14	1	31		
88SD1055	28	74	71	31	1	691	2	1.0
88SD1056	27	73	25	23	2	104	1	0.8
88SD1057	39	72	31	21	1	53	2	0.8
88SD1058	30	109	33	25	1	28	3	0.5
88SD1059	25	81	45	25	1	20	1	0.6
88SD1060	18	622	19	23	1	73	1	1.2
88SD1061	21	151	53	25	2	28	4	0.8
88SD1062	9	69	35	11	1	186		
88SD1063	20	88	53	30	2	24	3	1.0
88SD1064	24	60	21	27	3	22	5	0.9
88SD1065	13	1507	8	25	1	135		
88SD1066	6	170	30	14	2	45		
88SD1067	10	42	24	20	1	47		
88SD1068	13	99	31	19	1	42		
88SD1069	24	67	46	19	2	93	8	0.8
88SD1070	15	72	47	20	2	158	10	0.8
88SD1071	18	47	51	19	2	483	12	0.8
88SD1072	25	40	35	25	2	181	3	1.0
88SD1073	1	42	38	30	1	526	8	1.2
88SD1074	1	53	38	28	2	516	4	1.0
88SD1075	21	41	28	24	2	46	9	0.9
88SD1076	27	97	47	22	1	59	2	0.8
88SD1077	32	37	19	18	1	46	1	0.8
88SD1078	52	53	93	27	2	118	16	0.8
88SD1079	21	67	42	23	1	357	4	0.8
88SD1080	19	53	22	19	1	166	2	0.8
88SD1081	15	60	34	21	2	88	17	0.7
88SD1082	11	46	22	19	4	64	12	0.9
88SD1083	1	49	54	28	3	211	2	1.0
88SD1084	23	722	2	15	2	64	1	1.3
88SD1085	23	1669	24	14	2	75	5	1.2
88SD1086	10	123	47	22	1	32	4	1.2
88SD1087	8	52	28	24	1	36	1	0.8
88SD1088	13	90	48	19	1	75	2	0.5

SKOOKUM PROPERTY, VERNON MINING DIVISION.
ASSAY RESULTS: DIAMOND DRILL HOLE 88-SDD-002
(Top of hole Rotary drilled).

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
1801A	26	122	32	31	2	86	2	0.9
1802A	20	103	36	45	1	105	1	1.3
1803A	28	91	28	20	2	66	1	1.2
1804A	28	87	31	28	2	76	1	0.7
1805A	28	96	58	30	2	75	1	1.1
1806A	25	98	69	28	1	78	1	1.1
1807A	19	108	32	17	2	94	2	0.8
1808A	26	92	33	12	2	68	1	1.2
1809A	24	85	28	19	2	67	2	1.1
1810A	27	76	26	19	1	52	1	0.8
1811A	25	49	21	20	2	44	1	0.7
1812A	22	68	24	17	1	49	3	1.0
1813A	24	72	28	18	2	37	1	0.9
1814A	20	83	22	15	1	57	2	0.9
(Start Diamond Drill)								
88SD2001	26	53	35	21	1	39	1	0.6
88SD2002	15	60	29	15	1	81	1	0.9
88SD2003	17	56	70	18	1	68	1	0.6
88SD2004	11	53	29	16	1	46	3	1.0
88SD2005	13	58	39	12	1	91	1	0.6
88SD2006	76	42	7	398	1	648	50	104.0
88SD2007	26	54	104	21	1	177	2	1.5
88SD2008	35	66	58	20	1	140	1	1.2
88SD2009	26	62	66	25	2	127	1	1.6
88SD2010	20	60	32	22	2	177	2	1.2
88SD2011	9	60	40	16	1	264	2	1.0
88SD2012	10	60	57	19	1	172	1	1.0
88SD2013	15	47	45	16	1	307	1	1.2
88SD2014	17	53	49	13	1	243	2	0.8
88SD2015	12	73	31	21	2	298	1	0.8
88SD2016	4	70	56	12	1	441	2	1.0
88SD2017	6	54	33	15	1	186	2	0.8
88SD2018	9	46	48	17	1	372	1	1.0
88SD2019	6	51	76	16	1	891	1	1.2

SKOOKUM PROPERTY, VERNON MINING DIVISION.
ASSAY RESULTS: DIAMOND DRILL HOLE 88-SDD-003
(Top of hole Rotary drilled).

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA	
1989A	24	85	23	15	2	72	8	0.9	
1990A	34	55	22	16	3	70	3	1.1	
1991A	29	70	28	25	3	63	2	1.0	
1992A	13	77	34	25	3	52	1	0.9	
1993A	2	117	40	23	2	50	3	0.9	
1994A	14	92	53	24	4	44	2	1.2	
1995A	13	60	57	21	3	56	1	0.9	
1996A	19	75	53	20	4	50	2	1.4	
1997A	4	90	61	19	3	93	5	1.1	
1998A	2	94	81	26	2	91	1	1.3	
1999A	25	136	89	17	3	98	10	1.8	
2000A	7	60	70	22	2	136	8	2.1	
45001A	51	61	90	27	5	108	26	5.4	
45002A	40	74	105	30	4	131	19	4.3	
45003A	16	68	92	26	2	129	6	1.8	
45004A	12	67	90	24	1	165	2	1.8	
45005A	15	79	80	18	2	132	3	1.5	
45006A	32	90	80	15	3	220	2	2.6	
45007A	56	103	48	27	14	329	7	6.7	
45008A	26	100	76	37	4	160	6	2.3	
45009A	8	84	93	19	4	345	5	1.2	
45010A	7	60	96	21	4	413	8	1.2	
45011A	12	69	96	17	1	383	4	0.9	
45012A	11	89	99	20	1	132	9	1.2	
45013A	8	94	76	21	1	62	15	1.1	
45014A	13	80	42	19	2	67	2	0.8	
45015A	13	78	47	21	3	137	2	1.0	
45016A	10	77	44	31	1	139	13	2.0	
45017A	3	62	49	41	1	158	21	2.5	
88SD3001	22	91	42	18	1	109	1	1.1	Diamond Dr
88SD3002	17	95	41	15	1	77	1	1.2	
88SD3003	5	122	48	11	1	102	16	1.4	
88SD3004	13	104	49	16	1	73	3	1.3	
88SD3005	19	79	31	24	4	56	1	1.9	
88SD3006	4	127	61	13	1	59	3	1.0	
88SD3007	18	115	63	13	3	224	6	1.5	
88SD3008	6	115	54	15	3	239	2	1.0	
88SD3009	4	103	50	11	2	94	2	.9	
88SD3010	6	99	60	12	1	189	14	1.2	
88SD3011	15	102	105	14	3	164	1	1.6	
88SD3012	14	105	73	13	1	76	3	1.3	
88SD3013	2	115	79	14	3	352	2	1.5	
88SD3014	21	98	36	15	3	135	1	1.3	
88SD3015	5	97	73	14	3	85	2	1.4	
88SD3016	13	153	2	13	6	79	22	1.5	
88SD3017	3	103	57	9	5	94	8	1.1	
88SD3018	2	104	85	22	6	516	1	1.2	
88SD3019	28	75	98	84	4	331	3	2.1	
88SD3020	5	144	74	16	2	232	5	1.8	

SKOOKUM PROPERTY, VERNON MINING DIVISION.
ASSAY RESULTS: REVERSE CIRCULATION HOLE 88-SRC-001

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
14525A	36	105	26	23	2	80	1	1.4
14526A	5	115	30	24	1	74	2	1.2
14527A	3	101	23	21	1	76	3	1.6
14528A	2	102	27	25	1	75	2	2.0
14529A	1	118	30	22	1	78	2	.6
14530A	26	138	47	26	2	58	4	1.2
14531A	17	85	31	23	2	58	10	1.2
14532A	15	114	29	20	1	54	4	.9
14533A	12	157	52	17	1	74	2	.6
14534A	1	117	60	22	2	59	3	1.1
14535A	1	108	57	20	1	62	2	1.0
14536A	20	146	45	22	3	40	3	1.4
14537A	6	29	27	30	1	60	2	1.2
14538A	5	113	32	18	1	44	1	.8
14539A	9	77	33	25	2	40	2	1.2
14540A	20	77	40	26	3	31	5	1.4
14541A	15	86	42	23	3	49	2	1.2
14542A	13	101	50	21	3	44	3	1.3
14543A	1	59	41	7	3	58	1	1.4
14544A	9	127	81	18	2	204	1	1.0
14545A	19	132	93	23	5	184	6	1.5
14546A	20	137	86	24	5	132	5	1.1
14547A	31	121	95	21	3	173	2	.9
14548A	21	128	108	23	3	144	4	.5
14549A	33	107	101	16	3	151	2	.7
14550A	23	57	106	15	4	107	3	1.5
14551A	40	91	97	8	4	110	2	.8
14552A	43	67	106	17	2	132	1	1.5
14553A	35	61	135	23	4	112	12	1.2
14554A	22	72	95	16	5	74	1	1.1
14555A	33	56	92	21	3	111	2	1.3
14556A	30	64	106	25	1	210	12	1.2
14557A	25	66	108	33	1	109	2	1.2
14558A	1	105	97	26	7	149	37	2.3
14559A	25	113	106	34	1	121	2	1.0
14560A	43	65	103	197	14	389	363	8.4
14561A	23	135	72	21	8	120	174	3.1
14562A	1	157	102	24	7	142	49	2.4
14563A	1	117	98	11	4	129	16	1.6
14564A	37	94	90	24	8	114	120	3.0
14565A	1	105	103	32	6	126	25	2.7
14566A	1	115	109	16	3	120	15	1.8
14567A	12	146	108	23	2	150	9	1.7
14568A	3	92	72	10	1	116	10	2.1
14569A	28	110	98	23	1	85	2	1.2
14570A	101	82	14	100	3	77	37	4.2
14571A	11	68	53	36	2	83	1	3.6
14572A	54	83	65	18	2	76	2	2.4
14573A	10	147	12	10	1	55	3	2.3

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
14574A	23	128	39	16	1	74	1	1.2
14575A	17	96	83	13	1	66	1	1.0
14576A	21	174	58	7	1	69	2	2.1
14577A	9	87	52	13	1	72	22	4.4
14578A	38	77	111	19	2	66	2	3.2
14579A	15	134	77	18	2	65	42	2.7
14580A	39	106	45	6	1	65	21	4.6
14581A	4	121	37	9	1	59	18	2.4
14587A	8	59	67	57	3	51	1	2.8
14588A	24	74	57	25	8	66	1	4.0
14589A	2	77	41	24	2	49	1	1.0
14590A	8	80	40	35	2	49	2	1.0
14591A	2	95	46	33	1	57	1	1.6
14592A	19	76	39	17	2	82	3	1.5
14593A	25	96	62	27	2	49	1	1.7
14594A	25	104	66	25	1	53	1	1.3
14595A	9	98	93	32	1	45	1	1.6
14596A	8	77	62	38	1	143	2	1.5
14597A	28	130	31	19	2	50	1	1.0
14598A	14	67	44	33	1	66	1	4.8
14599A	2	109	57	33	1	64	1	2.0
14600A	19	53	74	29	1	132	2	1.9
1751A	16	84	65	36	1	90	2	2.0
1752A	27	106	68	26	1	61	1	2.1
1753A	12	56	87	43	2	61	2	1.9
1754A	11	86	84	33	1	216	1	1.9
1755A	2	109	82	49	1	261	1	1.5
1756A	13	87	82	29	1	81	3	1.6
1757A	14	96	39	25	1	48	1	1.0
1758A	5	145	57	36	1	53	2	1.2
1759A	4	134	60	29	1	83	1	1.4
1760A	9	88	42	26	2	67	3	1.1
1761A	11	48	27	24	2	66	2	1.0
1762A	4	63	23	20	1	90	4	1.4
1763A	15	82	33	27	2	92	4	2.0
1764A	1	68	12	20	2	75	5	1.0
1765A	Sample Missing at Min-En Laboratory							
1766A	12	74	19	32	2	83	23	1.6
1767A	8	100	26	15	1	83	1	1.6
1768A	1	90	15	11	1	53	2	1.1
1769A	17	51	13	26	1	35	1	1.2
1770A	1	96	37	13	1	124	14	1.5

SKOOKUM PROPERTY, VERNON MINING DIVISION.
ASSAY RESULTS: REVERSE CIRCULATION HOLE 88-SRC-002

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
1901A	14	90	58	22	3	63	1	1.2
1902A	8	85	58	12	2	80	3	1.0
1903A	23	67	60	33	2	78	8	1.1
1904A	6	93	56	22	2	71	1	1.0
1905A	13	94	57	13	2	70	2	0.9
1906A	7	67	51	20	2	99	3	1.4
1907A	9	61	56	29	2	121	1	1.9
1908A	24	50	74	20	6	143	7	2.0
1909A	26	47	81	17	5	143	2	1.9
1910A	36	39	87	31	4	316	8	2.8
1911A	20	42	86	34	4	306	1	2.4
1912A	21	63	104	42	2	179	6	2.1
1913A	13	64	103	43	2	174	2	2.0
1914A	31	52	92	43	2	242	2	5.2
1915A	26	52	100	39	2	190	1	5.4
1916A	12	46	150	22	1	153	16	16.0
1917A	25	38	223	50	1	184	147	60.0
1918A	25	52	110	20	1	134	2	2.2
1919A	18	59	105	17	1	143	1	1.6
1920A	16	48	104	22	1	126	2	2.0
1921A	13	52	106	17	1	138	1	1.9
1922A	14	64	122	27	1	124	1	1.6
1923A	7	51	117	15	1	124	3	1.6
1924A	2	43	94	14	1	125	1	1.3
1925A	9	49	106	16	1	118	2	2.0
1926A	7	50	100	19	1	267	5	1.4
1927A	16	75	101	26	1	190	17	1.5
1928A	9	56	71	27	1	258	10	1.6
1929A	13	56	85	25	1	271	3	2.0
1930A	23	28	38	15	2	93	5	1.4
1931A	15	39	58	29	1	154	3	1.6
1932A	18	105	61	25	1	138	17	1.6
1933A	7	106	59	24	1	179	8	1.8
1934A	8	42	62	20	1	223	10	2.2
1935A	5	63	76	23	1	254	1	2.3
1936A	9	51	66	20	1	101	2	1.8
1937A	9	52	61	16	2	97	1	1.5
1938A	4	43	65	14	1	73	1	1.6
1939A	13	46	65	16	2	79	3	1.8
1940A	14	27	63	35	3	89	1	2.1
1941A	19	30	69	24	3	86	1	1.5
1942A	12	32	84	18	3	122	1	1.7
1943A	13	29	74	24	4	82	1	1.8
1944A	23	93	42	29	5	76	41	1.9
1945A	19	169	44	24	6	88	22	1.4
1946A	37	1257	40	15	4	101	1	2.4
1947A	31	1263	35	14	5	97	1	2.3
1948A	32	602	40	19	4	90	1	1.8
1949A	35	628	43	18	5	85	3	1.6
1950A	5	135	4	18	4	87	1	1.9

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
1951A	1	94	3	27	5	84	1	1.7
1952A	7	83	9	24	3	71	2	1.4
1953A	1	90	7	16	2	63	3	1.4
1954A	13	41	34	30	10	178	2	2.9
1955A	18	47	34	34	11	163	1	2.6
1956A	19	92	76	56	2	711	1	17.5
1957A	17	78	65	93	2	1083	1	34.0
1958A	29	105	51	20	2	85	1	1.6
1959A	27	76	56	20	4	76	2	1.5
1960A	20	86	51	19	2	83	2	1.7
1961A	23	77	55	18	3	94	1	1.5
1962A	12	148	70	16	2	97	1	1.6
1963A	14	141	79	13	2	97	1	1.4
1964A	38	155	58	15	1	118	1	1.6
1966A	37	86	82	20	4	169	2	4.5
1967A	36	68	56	22	4	79	5	2.4
1968A	44	60	48	27	5	89	2	2.7
1969A	36	73	47	21	3	42	1	1.9
1970A	24	88	20	20	2	36	1	1.3
1971A	18	79	33	17	2	74	1	2.0
1972A	29	61	34	22	3	98	2	2.2
1973A	18	102	26	15	1	60	1	1.1
1974A	9	110	22	16	2	44	1	0.9
1975A	15	97	22	15	1	45	2	0.9
1976A	32	147	26	20	2	61	1	1.4
1977A	21	139	63	18	2	60	1	1.5
1978A	20	125	64	29	2	55	1	1.8
1979A	18	67	25	23	3	145	2	1.3
1980A	13	60	26	27	3	119	1	1.5
1981A	25	98	52	21	2	50	2	1.1
1982A	21	74	35	22	1	47	8	1.0
1983A	18	68	37	22	3	120	4	1.6
1984A	26	98	31	24	2	84	1	1.1
1985A	20	53	52	19	3	249	3	1.5
1986A	17	57	45	25	4	309	1	1.0
1987A	18	82	96	16	1	272	2	1.2
1988A	13	64	79	22	1	323	1	1.0

SKOOKUM PROPERTY, VERNON MINING DIVISION.
ASSAY RESULTS: REVERSE CIRCULATION HOLE 88-SRC-005

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
45084	9	104	85	40	4	112	71	1.7
45085	28	88	59	21	4	82	26	1.3
45086	9	85	60	28	4	86	50	1.1
45087	16	83	64	18	2	89	35	1.8
45088	14	79	58	8	2	79	18	1.2
45089	16	82	85	27	4	106	82	1.7
45090	35	75	78	21	2	102	105	2.2
45091	61	100	87	37	13	147	112	1.9
45092	52	97	86	37	16	135	172	1.7
45093	62	106	91	37	15	106	62	1.6
45094	69	86	73	33	11	96	41	1.8
45095	53	87	64	23	9	74	4	1.3
45096	18	104	65	34	8	100	2	1.3
45097	14	97	95	30	9	101	1	1.1
45098	49	118	106	31	9	104	3	.9
45099	15	131	108	20	25	87	2	1.4
45100	12	112	80	14	21	86	3	1.5
45101	34	74	67	26	22	89	36	2.6
45102	24	86	86	14	23	72	18	2.1
45103	6	112	68	17	20	89	3	1.5
45104	4	122	96	22	21	43	2	1.8
45105	14	101	88	24	20	35	1	1.3
45106	13	98	101	20	22	123	2	1.4
45107	4	110	126	27	22	213	1	1.4

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
45200	20	91	78	29	1	310	2	2.3
45051	23	111	101	24	2	188	1	1.2
45052	25	118	74	28	1	351	1	4.5
45053	20	118	79	25	2	376	1	1.9
45054	15	126	80	26	1	434	1	1.8
45055	19	148	106	11	1	399	3	1.1
45056	11	98	89	17	1	371	1	1.4
45057	17	112	102	25	1	391	3	1.5
45058	20	93	69	17	1	313	2	.9
45059	9	81	76	25	1	462	1	1.5
45060	17	59	54	17	1	141	1	.9
45061	2	61	53	16	1	193	2	.9
45062	5	81	60	13	1	263	4	.7
45063	6	74	62	17	1	288	1	.8
45064	6	63	43	16	1	249	2	.9
45065	2	50	39	16	1	200	1	.6
45066	12	64	44	23	1	188	1	.8
45067	5	51	37	17	1	219	2	.7
45068	18	57	61	16	1	339	1	1.01
45069	10	77	60	13	1	229	1	.9
45070	12	72	57	24	1	170	1	1.0
45071	6	59	53	9	1	98	2	.6
45072	19	100	76	35	1	67	1	.8
45073	8	77	71	19	1	97	1	1.3
45074	10	136	114	18	1	121	1	1.0
45075	4	115	91	18	1	86	3	.7
45076	4	85	94	32	1	126	2	.5
45077	19	89	71	24	1	98	2	.6
45078	2	137	51	16	1	85	1	1.1
45079	8	104	54	20	1	82	4	1.2
45080	7	175	41	13	1	57	5	1.2
45081	6	122	44	16	1	53	15	1.7
45082	8	151	60	22	1	70	1	.8
45083	16	154	74	20	1	75	2	.9

SKOOKUM PROPERTY, VERNON MINING DIVISION.
ASSAY RESULTS: REVERSE CIRCULATION HOLE 88-SRC-004

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
45151	21	140	33	23	1	67	1	1.1
45152	12	155	33	12	1	75	2	1.6
45153	5	136	32	15	1	72	1	1.0
45154	6	141	32	12	1	74	2	.8
45155	7	109	34	14	1	81	1	1.1
45156	41	94	34	17	1	77	1	.9
45157	15	126	43	19	2	65	2	1.0
45158	15	121	41	20	1	60	1	.7
45159	5	104	39	20	4	50	1	1.0
45160	21	112	39	19	2	49	2	.8
45161	21	65	39	19	1	62	1	.7
45162	18	73	43	12	1	64	1	1.1
45163	2	107	77	27	1	181	5	1.2
45164	37	113	81	21	1	169	2	1.4
45165	26	113	82	28	1	175	1	1.3
45166	22	105	83	17	1	173	1	1.4
45167	1	76	157	18	1	173	4	1.4
45168	33	76	160	13	1	165	2	1.2
45169	11	90	106	13	1	142	2	.9
45170	11	74	110	12	1	121	1	1.8
45171	1	75	80	17	2	102	22	1.4
45172	7	79	78	20	1	140	24	1.3
45173	9	65	98	16	2	121	143	2.0
45174	8	67	94	22	2	113	144	2.5
45175	4	66	91	11	2	105	151	1.8
45176	32	68	102	18	2	96	85	1.5
45177	42	66	97	53	28	136	61	5.3
45178	72	59	106	69	35	136	127	7.6
45179	143	109	89	107	26	176	106	4.3
45180	152	76	69	55	17	114	105	1.9
45181	114	91	90	32	13	118	92	2.7
45182	112	89	94	35	12	122	67	1.8
45183	83	84	87	26	12	118	50	2.6
45184	108	88	80	24	11	103	18	2.1
45185	1	87	104	21	7	98	2	2.3
45186	46	78	110	21	6	101	4	2.7
45187	12	74	105	28	6	122	5	2.3
45188	5	57	112	33	7	141	2	3.1
45189	8	94	86	17	1	91	15	2.3
45190	17	89	94	10	2	81	2	1.9
45191	3	138	97	16	3	72	1	2.0
45192	3	140	102	20	2	77	1	1.3
45193	10	131	74	33	2	141	3	1.4
45194	13	108	67	20	1	220	2	1.3
45195	16	85	49	18	1	165	1	1.7
45196	7	77	49	19	1	194	1	1.2
45197	14	66	49	16	1	146	1	1.0
45198	2	82	75	26	1	399	1	.9
45199	22	93	71	20	1	196	4	1.4

MIN • EN LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

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

Certificate of ASSAY

Company: HI-TEC RESOURCE MANAGEMENT
Project: 88-BC-052
Attention: D.COLLINS

File: 8-2171/P1
Date: DEC 8/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
88 SD1 001	1.6	0.05	.02	0.001
88 SD1 002	1.4	0.04	.01	0.001
88 SD1 004	1.5	0.04	.02	0.001
88 SD1 005	.4	0.01	.01	0.001
88 SD1 007	1.2	0.04	.01	0.001
88 SD1 008	.3	0.01	.02	0.001
88 SD1 009	.9	0.03	.01	0.001
88 SD1 010	2.0	0.06	.01	0.001
88 SD1 011	.2	0.01	.01	0.001
88 SD1 012	1.1	0.03	.01	0.001
88 SD1 013	.8	0.02	.01	0.001
88 SD1 014	.3	0.01	.01	0.001

Certified by ____________

MIN-EN LABORATORIES LTD.

COMPANY: HI-TEC RESOURCE MANAGEMENT | MIN-EN LABS ICP REPORT | (ACT:F31)

PROJECT NO: 88-BC-052 | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-2171R/P1

ATTENTION: D.COLLINS | (604)980-5814 OR (604)988-4524 | * TYPE ROCK GEOCHEM * | DATE:DECEMBER 8, 1988

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN
88-SD1-001	7	89	96	14	1	57
88-SD1-002	8	110	46	19	2	52
88-SD1-004	5	48	53	11	2	65
88-SD1-005	6	84	84	19	1	194
88-SD1-007	7	102	100	16	2	154
88-SD1-008	5	91	123	16	1	134
88-SD1-009	5	52	103	15	2	98
88-SD1-010	19	61	94	17	1	167
88-SD1-011	10	71	85	15	2	98
88-SD1-012	20	80	107	20	3	267
88-SD1-013	13	75	85	14	3	181
88-SD1-014	10	71	72	21	3	88

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VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

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

Certificate of ASSAY

Company:HI-TEC RESOURCE MANAGEMENT LTD.
Project:88-BC 052
Attention:D.COLLINS/M.BELL

File:8-2164/P1
Date:DEC 5/88
Type:ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
88SD1 003	1.3	0.04	.02	0.001
88SD1 006	1.8	0.05	.02	0.001
88SD1 032	2.4	0.07	.02	0.001
88SD1 033	1.8	0.05	.01	0.001
88SD1 035	1.9	0.06	.02	0.001
88SD1 043	1.3	0.04	.02	0.001
88SD1 046	1.0	0.03	.02	0.001
88SD1 054	.8	0.02	.01	0.001
88SD1 062	1.4	0.04	.02	0.001
88SD1 065	1.9	0.06	.02	0.001
88SD1 066	1.8	0.05	.01	0.001
88SD1 067	.9	0.03	.01	0.001
88SD1 068	.7	0.02	.02	0.001

Certified by ____________

MIN-EN LABORATORIES LTD.

COMPANY: HI-TEC RESOURCE MANAGEMENT LTD. MIN-EN LABS ICP REPORT (ACT:F31) PAGE 1 OF 1
PROJECT NO: 88 BC 052 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-2164R/P1
ATTENTION: D.COLLINS/M.BELL (604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE:DECEMBER 5, 1988

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN
88SD1-003	13	74	60	19	2	59
88SD1-006	12	60	95	21	4	139
88SD1-032	25	31	65	24	4	47
88SD1-033	5	60	54	24	2	76
88SD1-035	7	60	87	13	1	50
88SD1-043	12	50	25	14	1	403
88SD1-046	4	99	34	21	1	402
88SD1-054	13	44	21	14	1	31
88SD1-062	9	69	35	11	1	186
88SD1-065	13	1507	8	25	1	135
88SD1-066	6	170	30	14	2	45
88SD1-067	10	42	24	20	1	47
88SD1-068	13	99	31	19	1	42

PROJECT NO: 88-BC-052 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-2175/P1+2

ATTENTION: D.COLLINS (604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE:DECEMBER 14, 1988

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
88SDI015	4	62	63	1	4	125	1	1.0
88SDI016	29	46	91	1	2	219	1	1.2
88SDI017	2	65	70	1	4	93	2	1.2
88SDI018	18	57	93	1	3	104	8	1.0
88SDI019	17	80	88	1	7	102	20	3.2
88SDI020	11	39	78	3	16	112	78	6.4
88SDI021	12	65	94	1	10	228	37	4.1
88SDI022	35	127	25	1	2	79	55	1.2
88SDI023	40	72	55	1	4	151	4	1.0
88SDI024	4	58	112	2	6	220	44	0.9
88SDI025	22	72	110	7	8	181	2	0.9
88SDI026	21	76	86	1	3	109	1	1.1
88SDI027	4	92	69	1	3	108	1	0.8
88SDI028	9	78	1	12	1	45	1	0.5
88SDI029	10	90	9	21	2	44	2	0.7
88SDI030	5	165	51	14	3	70	4	1.6
88SDI031	16	71	88	9	2	77	2	1.2
88SDI034	7	78	43	1	1	84	1	0.8
88SDI036	3	77	90	1	1	124	2	1.6
88SDI037	26	71	108	2	1	122	2	1.2
88SDI038	42	88	97	1	1	83	3	1.1
88SDI039	38	114	78	1	1	76	1	1.2
88SDI040	13	91	72	2	1	72	2	1.2
88SDI041	12	68	72	1	1	86	1	1.4
88SDI042	31	73	67	1	1	53	1	1.2
88SDI044	23	69	87	1	1	60	1	0.8
88SDI045	21	74	53	1	1	33	2	1.1
88SDI047	29	69	87	1	1	107	1	1.6
88SDI048	7	60	48	1	1	366	1	1.2
88SDI049	1	53	57	1	1	264	1	1.3
88SDI050	7	73	33	22	2	343	1	2.0

COMPANY: HI-TEC RESOURC MNG. LTD. | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: 88 BC 052 | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 8-22102/P1+2

ATTENTION: D.COLLINS | (604)980-5814 OR (604)988-4524 | * TYPE ROCK GEOCHEM * | DATE:DECEMBER 18, 1988

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
88SD1051	6	66	70	25	1	513	2	1.1
88SD1052	1	73	26	16	2	202	1	1.0
88SD1053	9	104	42	24	1	366	3	0.8
88SD1055	28	74	71	31	1	691	2	1.0
88SD1056	27	73	25	23	2	104	1	0.8
88SD1057	39	72	31	21	1	53	2	0.8
88SD1058	30	109	33	25	1	28	3	0.5
88SD1059	25	81	45	25	1	20	1	0.6
88SD1060	18	622	19	23	1	73	1	1.2
88SD1061	21	151	53	25	2	28	4	0.8
88SD1063	20	88	53	30	2	24	3	1.0
88SD1064	24	60	21	27	3	22	5	0.9
88SD1069	24	67	46	19	2	93	8	0.8
88SD1070	15	72	47	20	2	158	10	0.8
88SD1071	18	47	51	19	2	483	12	0.8
88SD1072	25	40	35	25	2	181	3	1.0
88SD1073	1	42	38	30	1	526	8	1.2
88SD1074	1	53	38	28	2	516	4	1.0
88SD1075	21	41	28	24	2	46	9	0.9
88SD1076	27	97	47	22	1	59	2	0.8
88SD1077	32	37	19	18	1	46	1	0.8
88SD1078	52	53	93	27	2	118	16	0.8
88SD1079	21	67	42	23	1	357	4	0.8
88SD1080	19	53	22	19	1	166	2	0.8
88SD1081	15	60	34	21	2	88	17	0.7
88SD1082	11	46	22	19	4	64	12	0.9
88SD1083	1	49	54	28	3	211	2	1.0
88SD1084	23	722	2	15	2	64	1	1.3
88SD1085	23	1669	24	14	2	75	5	1.2
88SD1086	10	123	47	22	1	32	4	1.2
88SD1087	8	52	28	24	1	36	1	0.8
88SD1088	13	90	48	19	1	75	2	0.5
88SD2001	26	53	35	21	1	39	1	0.6
88SD2002	15	60	29	15	1	81	1	0.9
88SD2003	17	56	70	18	1	68	1	0.6
88SD2004	11	53	29	16	1	46	3	1.0
88SD2005	13	58	39	12	1	91	1	0.6
88SD2006	76	42	7	398	1	648	50	104.0
88SD2007	26	54	104	21	1	177	2	1.5
88SD2008	35	66	58	20	1	140	1	1.2
88SD2009	26	62	66	25	2	127	1	1.6
88SD2010	20	60	32	22	2	177	2	1.2
88SD2011	9	60	40	16	1	264	2	1.0
88SD2012	10	60	57	19	1	172	1	1.0
88SD2013	15	47	45	16	1	307	1	1.2
88SD2014	17	53	49	13	1	243	2	0.8
88SD2015	12	73	31	21	2	298	1	0.8
88SD2016	4	70	56	12	1	441	2	1.0
88SD2017	6	54	33	15	1	186	2	0.8
88SD2018	9	46	48	17	1	372	1	1.0
88SD2019	6	51	76	16	1	891	1	1.2

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
88SD3001	22	91	42	18	1	109	1	1.1
88SD3002	17	95	41	15	1	77	1	1.2
88SD3003	5	122	48	11	1	102	15	1.4
88SD3004	13	104	49	16	1	73	3	1.3
88SD3005	19	79	31	24	4	56	1	1.9
88SD3006	4	127	61	13	1	59	3	1.0
88SD3007	18	115	63	13	3	224	6	1.5
88SD3008	6	115	54	15	3	239	2	1.0
88SD3009	4	103	50	11	2	94	2	.9
88SD3010	6	97	60	12	1	189	14	1.2
88SD3011	15	102	105	14	3	164	1	1.6
88SD3012	14	105	73	13	1	76	3	1.3
88SD3013	2	115	79	14	3	352	2	1.5
88SD3014	21	98	36	15	3	135	1	1.3
88SD3015	5	97	73	14	3	85	2	1.4
88SD3016	13	153	2	13	6	79	22	1.5
88SD3017	3	103	57	9	5	94	8	1.1
88SD3018	2	104	85	22	6	516	1	1.2
88SD3019	28	75	98	84	4	331	3	2.1
88SD3020	5	144	74	16	2	232	5	1.8
45016A	10	77	44	31	1	139	13	2.0
45017A	3	62	49	41	1	158	21	2.5
45151	21	140	33	23	1	67	1	1.1
45152	12	155	33	12	1	75	2	1.6
45153	5	136	32	15	1	72	1	1.0
45154	6	141	32	12	1	74	2	.8
45155	7	109	34	14	1	81	1	1.1
45156	41	94	34	17	1	77	1	.9
45157	15	126	43	19	2	65	2	1.0
45158	15	121	41	20	1	60	1	.7
45159	5	104	39	20	4	50	1	1.0
45160	21	112	39	19	2	49	2	.8
45161	21	65	39	19	1	62	1	.7
45162	18	73	43	12	1	64	1	1.1
45163	2	107	77	27	1	181	5	1.2
45164	37	113	81	21	1	169	2	1.4
45165	26	113	82	28	1	175	1	1.3
45166	22	105	83	17	1	173	1	1.4
45167	1	76	157	18	1	173	4	1.4
45168	33	76	160	13	1	165	2	1.2
45169	11	90	106	13	1	142	2	.9
45170	11	74	110	12	1	121	1	1.8
45171	1	75	80	17	2	102	22	1.4
45172	7	79	78	20	1	140	24	1.3
45173	9	65	98	16	2	121	143	2.0
45174	8	67	94	22	2	113	144	2.5
45175	4	66	91	11	2	105	151	1.8
45176	32	68	102	18	2	96	85	1.5
45177	42	66	97	53	28	136	61	5.3
45178	72	59	106	69	35	136	127	7.6
45179	143	109	89	107	26	176	106	4.3
45180	152	76	69	55	17	114	105	1.9
45181	114	91	90	32	13	118	92	2.7
45182	112	89	94	35	12	122	67	1.8
45183	83	84	87	26	12	118	50	2.6
45184	108	88	80	24	11	103	18	2.1
45185	1	87	104	21	7	98	2	2.3
45186	46	78	110	21	6	101	4	2.7
45187	12	74	105	28	6	122	5	2.3
45188	5	57	112	33	7	141	2	3.1

COMPANY: HI-TEC RESOURCE MANAGEMENT LTD. MIN-EN LABS ICP REPORT

PROJECT NO: 88 BC 052 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-2219R/P3+4

ATTENTION: D.COLLINS (604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE:DECEMBER 22, 1988

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
45189	8	94	86	17	1	91	15	2.3
45190	17	89	94	10	2	81	2	1.9
45191	3	138	97	16	3	72	1	2.0
45192	3	140	102	20	2	77	1	1.3
45193	10	131	74	33	2	141	3	1.4
45194	13	108	67	20	1	220	2	1.3
45195	16	85	49	18	1	165	1	1.7
45196	7	77	49	19	1	194	1	1.2
45197	14	66	49	16	1	146	1	1.0
45198	2	82	75	26	1	399	1	.9
45199	22	93	71	20	1	196	4	1.4
45200	20	91	78	29	1	310	2	2.3
45051	23	111	101	24	2	188	1	1.2
45052	25	118	74	28	1	351	1	4.5
45053	20	118	79	25	2	376	1	1.9
45054	13	126	80	26	1	434	1	1.8
45055	19	148	106	11	1	399	3	1.1
45056	11	98	89	17	1	371	1	1.4
45057	17	112	102	25	1	391	3	1.5
45058	20	93	69	17	1	313	2	.9
45059	9	81	76	25	1	462	1	1.5
45060	17	59	54	17	1	141	1	.9
45061	2	61	53	16	1	193	2	.9
45062	5	81	60	13	1	263	4	.7
45063	6	74	62	17	1	298	1	.8
45064	6	63	43	16	1	249	2	.9
45065	2	50	39	16	1	200	1	.6
45066	12	64	44	23	1	198	1	.8
45067	5	51	37	17	1	219	2	.7
45068	18	57	61	16	1	339	1	1.01
45069	10	77	60	13	1	229	1	.9
45070	12	72	57	24	1	170	1	1.0
45071	6	59	53	9	1	98	2	.6
45072	19	100	76	35	1	67	1	.8
45073	8	77	71	19	1	97	1	1.3
45074	10	136	114	18	1	121	1	1.0
45075	4	115	91	18	1	86	3	.7
45076	4	85	94	32	1	126	2	.5
45077	19	89	71	24	1	98	2	.6
45078	2	137	51	16	1	85	1	1.1
45079	8	104	54	20	1	82	4	1.2
45080	7	175	41	13	1	57	5	1.2
45081	6	122	44	16	1	53	15	1.7
45082	8	151	60	22	1	70	1	.8
45083	16	154	74	20	1	75	2	.9
45084	9	104	85	40	4	112	71	1.7
45085	28	88	59	21	4	82	26	1.3
45086	9	85	60	28	4	86	50	1.1
45087	16	83	64	18	2	89	35	1.8
45088	14	79	58	8	2	79	18	1.2
45089	16	82	85	27	4	106	82	1.7
45090	35	75	78	21	2	102	105	2.2
45091	61	100	87	37	13	147	112	1.9
45092	52	97	86	37	16	135	172	1.7
45093	62	106	91	37	15	106	62	1.6
45094	69	86	73	33	11	96	41	1.8
45095	53	87	64	23	9	74	4	1.3
45096	18	104	65	34	8	100	2	1.3
45097	14	97	95	30	9	101	1	1.1
45098	49	118	106	31	9	104	3	.9

PROJECT NO: 88 BC 052 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-2219S/P5

ATTENTION: D.COLLINS (604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE:DECEMBER 22, 1988

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
45099	15	131	108	20	25	87	2	1.4
45100	12	112	80	14	21	86	3	1.5
45101	34	74	67	26	22	89	36	2.6
45102	24	85	86	14	23	72	18	2.1
45103	6	112	68	17	20	89	3	1.5
45104	4	122	96	22	21	43	2	1.8
45105	14	101	88	24	20	35	1	1.3
45106	13	98	101	20	22	123	2	1.4
45107	4	110	125	27	22	213	1	1.4

COMPANY: HI-TEC RES.MNG.LTD. MIN-EN LABS ICP REPORT

PROJECT NO: 88-BC-052 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 9-2186/F1+2

ATTENTION: D.COLLINS (604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE:DECEMBER 14, 1989

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
1752A	27	106	68	26	1	61	1	2.1
1755A	2	109	82	49	1	261	1	1.5
1758A	5	145	57	36	1	53	2	1.2
1759A	4	134	60	29	1	83	1	1.4
1767A	8	100	26	15	1	83	1	1.6
1768A	1	90	15	11	1	53	2	1.1
1770A	1	96	37	13	1	124	14	1.5
14529A	1	118	30	22	1	78	2	.6
14532A	15	114	29	20	1	54	4	.9
14533A	12	157	52	17	1	74	2	.6
14538A	5	113	32	18	1	44	1	.8
14542A	13	101	50	21	3	44	3	1.3
14543A	1	59	41	7	3	58	1	1.4
14544A	9	127	81	18	2	204	1	1.0
14545A	19	132	93	23	5	184	6	1.5
14546A	20	137	86	24	5	132	5	1.1
14547A	31	121	95	21	3	173	2	.9
14548A	21	128	108	23	3	144	4	.5
14549A	33	107	101	16	3	151	2	.7
14551A	40	91	97	8	4	110	2	.8
14554A	22	72	95	16	5	74	1	1.1
14558A	1	105	97	26	7	149	37	2.3
14561A	23	135	72	21	8	120	174	3.1
14562A	1	157	102	24	7	142	49	2.4
14563A	1	117	98	11	4	129	16	1.6
14564A	37	94	90	24	8	114	120	3.0
14565A	1	105	103	32	6	126	25	2.7
14566A	1	115	109	16	3	120	15	1.8
14567A	12	146	108	23	2	150	9	1.7
14568A	3	92	72	10	1	116	10	2.1
14570A	101	82	14	100	3	77	37	4.2
14573A	10	147	12	10	1	55	3	2.3
14579A	15	134	77	18	2	65	42	2.7
14580A	39	106	45	6	1	65	21	4.6
14581A	4	121	37	9	1	59	18	2.4

COMPANY: HI-TEC RES.MNG.LTD. MIN-EN LABS ICP REPORT (ACT:F31) PAGE 1 OF 1
PROJECT NO: 88 BC 052 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-2192/P1+2
ATTENTION: D.COLLINS (604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE:DECEMBER 15, 1988

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
1801A	26	122	32	31	2	86	2	0.9
1802A	20	103	36	45	1	105	1	1.3
1803A	28	91	28	20	2	66	1	1.2
1804A	28	87	31	28	2	76	1	0.7
1805A	28	96	58	30	2	75	1	1.1
1806A	25	98	69	28	1	78	1	1.1
1807A	19	108	32	17	2	94	2	0.8
1808A	26	92	33	12	2	68	1	1.2
1809A	24	85	28	19	2	67	2	1.1
1810A	27	76	26	19	1	52	1	0.8
1811A	25	49	21	20	2	44	1	0.7
1812A	22	68	24	17	1	49	3	1.0
1813A	24	72	28	18	2	37	1	0.9
1814A	20	83	22	15	1	57	2	0.9
1935A	5	63	76	23	1	254	1	2.3
1936A	9	51	66	20	1	101	2	1.8
1937A	9	52	61	16	2	97	1	1.5
1938A	4	43	65	14	1	73	1	1.6
1939A	13	46	65	16	2	79	3	1.8
1940A	14	27	63	35	3	89	1	2.1
1941A	19	30	69	24	3	86	1	1.5
1942A	12	32	84	18	3	122	1	1.7
1943A	13	29	74	24	4	82	1	1.8
1944A	23	93	42	29	5	76	41	1.9
1945A	19	169	44	24	6	88	22	1.4
1946A	37	1257	40	15	4	101	1	2.4
1947A	31	1263	35	14	5	97	1	2.3
1948A	32	602	40	19	4	90	1	1.8
1949A	35	628	43	18	5	85	3	1.6
1950A	5	135	4	18	4	87	1	1.9
1951A	1	94	3	27	5	84	1	1.7
1952A	7	83	9	24	3	71	2	1.4
1953A	1	90	7	16	2	63	3	1.4
1954A	13	41	34	30	10	178	2	2.9
1955A	18	47	34	34	11	163	1	2.6
1956A	19	92	76	56	2	711	1	17.5
1957A	17	78	65	93	2	1083	1	34.0
1958A	29	105	51	20	2	85	1	1.6
1959A	27	76	56	20	4	76	2	1.5
1960A	20	86	51	19	2	83	2	1.7
1961A	23	77	55	18	3	94	1	1.5
1962A	12	148	70	16	2	97	1	1.6
1963A	14	141	79	13	2	97	1	1.4
1964A	38	155	58	15	1	118	1	1.6
1966A	37	86	82	20	4	169	2	4.5
1967A	36	68	56	22	4	79	5	2.4
1968A	44	60	48	27	5	89	2	2.7
1969A	36	73	47	21	3	42	1	1.9
1970A	24	88	20	20	2	36	1	1.3
1971A	18	79	33	17	2	74	1	2.0
1972A	29	61	34	22	3	98	2	2.2
1973A	18	102	26	15	1	60	1	1.1
1974A	9	110	22	16	2	44	1	0.9
1975A	15	97	22	15	1	45	2	0.9
1976A	32	147	26	20	2	61	1	1.4
1977A	21	139	63	18	2	60	1	1.5
1978A	20	125	64	29	2	55	1	1.8
1979A	18	67	25	23	3	145	2	1.3
1980A	13	60	26	27	3	119	1	1.5

COMPANY: HI-TEC RES.MNG.LTD. MIN-EN LABS ICP REPORT (ACT:F31) PAGE 1 OF 1
PROJECT NO: 88 BC 052 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-2192/P3+4
ATTENTION: D.COLLINS (604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE:DECEMBER 15, 1988

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
1981A	25	98	52	21	2	50	2	1.1
1982A	21	74	35	22	1	47	8	1.0
1983A	18	68	37	22	3	120	4	1.6
1984A	26	98	31	24	2	84	1	1.1
1985A	20	53	52	19	3	249	3	1.5
1986A	17	57	45	25	4	309	1	1.0
1987A	18	82	96	16	1	272	2	1.2
1988A	13	64	79	22	1	323	1	1.0
1989A	24	85	23	15	2	72	8	0.9
1990A	34	55	22	16	3	70	3	1.1
1991A	29	70	28	25	3	63	2	1.0
1992A	13	77	34	25	3	52	1	0.9
1993A	2	117	40	23	2	50	3	0.9
1994A	14	92	53	24	4	44	2	1.2
1995A	13	60	57	21	3	56	1	0.9
1996A	19	75	53	20	4	50	2	1.4
1997A	4	90	61	19	3	93	5	1.1
1998A	2	94	81	26	2	91	1	1.3
1999A	25	136	89	17	3	98	10	1.8
2000A	7	60	70	22	2	136	8	2.1
45001A	51	61	90	27	5	108	26	5.4
45002A	40	74	105	30	4	131	19	4.3
45003A	16	68	92	26	2	129	6	1.8
45004A	12	67	90	24	1	165	2	1.8
45005A	15	79	80	18	2	132	3	1.5
45006A	32	90	80	15	3	220	2	2.6
45007A	56	103	48	27	14	329	7	6.7
45008A	26	100	76	37	4	160	6	2.3
45009A	8	84	93	19	4	345	5	1.2
45010A	7	60	96	21	4	413	8	1.2
45011A	12	69	96	17	1	383	4	0.9
45012A	11	89	99	20	1	132	9	1.2
45013A	8	94	76	21	1	62	15	1.1
45014A	13	80	42	19	2	67	2	0.8
45015A	13	78	47	21	3	137	2	1.0
1901A	14	90	58	22	3	63	1	1.2
1902A	8	85	58	12	2	80	3	1.0
1903A	23	67	60	33	2	78	8	1.1
1904A	6	93	56	22	2	71	1	1.0
1905A	13	94	57	13	2	70	2	0.9
1906A	7	67	51	20	2	99	3	1.4
1907A	9	61	56	29	2	121	1	1.9
1908A	24	50	74	20	6	143	7	2.0
1909A	26	47	81	17	5	143	2	1.9
1910A	36	39	87	31	4	316	8	2.8
1911A	20	42	86	34	4	306	1	2.4
1912A	21	63	104	42	2	179	6	2.1
1913A	13	64	103	43	2	174	2	2.0
1914A	31	52	92	43	2	242	2	5.2
1915A	26	52	100	39	2	190	1	5.4
1916A	12	46	150	22	1	153	16	16.0
1917A	25	38	223	50	1	184	147	60.0
1918A	25	52	110	20	1	134	2	2.2
1919A	18	59	105	17	1	143	1	1.6
1920A	16	48	104	22	1	126	2	2.0
1921A	13	52	106	17	1	138	1	1.9
1922A	14	64	122	27	1	124	1	1.6
1923A	7	51	117	15	1	124	3	1.6
1924A	2	43	94	14	1	125	1	1.3

COMPANY: HI-TEC RES.MNG.LTD. MIN-EN LABS ICP REPORT (ACT:F31) PAGE 1 OF 1
PROJECT NO: 88 BC 052 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 FILE NO: 8-2192/P5
ATTENTION: D.COLLINS (604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * DATE:DECEMBER 15, 1988

(VALUES IN PPM)	AS	BA	CU	PB	SB	ZN	AU-PPB	AG-AA
1925A	9	49	106	16	1	118	2	2.0
1926A	7	50	100	19	1	267	5	1.4
1927A	16	75	101	26	1	190	17	1.5
1928A	9	56	71	27	1	258	10	1.6
1929A	13	56	85	25	1	271	3	2.0
1930A	23	28	38	15	2	93	5	1.4
1931A	15	39	58	29	1	154	3	1.6
1932A	18	105	61	25	1	138	17	1.6
1933A	7	106	59	24	1	179	8	1.8
1934A	8	42	62	20	1	223	10	2.2

APPENDIX IV - A

STATISTICAL RESULTS

COMMAND: DESC   MISSING VALUE TREATMENT: VARWISE

*** DESCRIPTIVE STATISTICS ***

THERE ARE 8 VARIABLES AND 463 CASES IN THE DATA SET

454 CASES (98.1%) ARE VALID

VARIABLE	MEAN	STD.DEV.	VARIANCE	STD ERROR OF MEAN	COEFF OF VARIATION
1 AS	18.2930	17.5722	308.782	0.824703	96.0598
2 BA	102.081	139.367	19423.1	6.54080	136.525
3 CU	63.2687	29.8991	893.959	1.40324	47.2574
4 PB	23.4868	22.1818	492.034	1.04105	94.4439
5 SB	3.05947	4.28494	18.3607	0.201102	140.055
6 ZN	137.317	118.727	14096.2	5.57215	86.4621
7 AU	11.0507	29.4069	864.768	1.38014	266.110
8 AG	2.03064	5.89384	34.7374	0.276612	290.246

COMMAND: FREQ MISSING VALUE TREATMENT: VARWISE

*** FREQUENCIES AND Z-SCORES ***

VARIABLE: 1 AS

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
1.00000	22	22	4.8	4.8	-0.984110
2.00000	16	38	3.5	8.4	-0.927201
3.00000	7	45	1.5	9.9	-0.870293
4.00000	17	62	3.7	13.7	-0.813385
5.00000	18	80	4.0	17.6	-0.756477
6.00000	15	95	3.3	20.9	-0.699569
7.00000	17	112	3.7	24.7	-0.642661
8.00000	15	127	3.3	28.0	-0.585753
9.00000	20	147	4.4	32.4	-0.528845
10.0000	11	158	2.4	34.8	-0.471936
11.0000	10	168	2.2	37.0	-0.415028
12.0000	19	187	4.2	41.2	-0.358120
13.0000	27	214	5.9	47.1	-0.301212
14.0000	12	226	2.6	49.8	-0.244304
15.0000	16	242	3.5	53.3	-0.187396
16.0000	9	251	2.0	55.3	-0.130488
17.0000	12	263	2.6	57.9	-0.0735795
18.0000	15	278	3.3	61.2	-0.0166713
19.0000	14	292	3.1	64.3	0.0402368
20.0000	15	307	3.3	67.6	0.0971449
21.0000	14	321	3.1	70.7	0.154053
22.0000	6	327	1.3	72.0	0.210961
23.0000	11	338	2.4	74.4	0.267869
24.0000	9	347	2.0	76.4	0.324777
25.0000	14	361	3.1	79.5	0.381686
26.0000	12	373	2.6	82.2	0.438594
27.0000	5	378	1.1	83.3	0.495502
28.0000	8	386	1.8	85.0	0.552410
29.0000	5	391	1.1	86.1	0.609318
30.0000	2	393	0.4	86.6	0.666226
31.0000	4	397	0.9	87.4	0.723134
32.0000	5	402	1.1	88.5	0.780043
33.0000	3	405	0.7	89.2	0.836951
34.0000	2	407	0.4	89.6	0.893859
35.0000	5	412	1.1	90.7	0.950767
36.0000	4	416	0.9	91.6	1.00768
37.0000	4	420	0.9	92.5	1.06458
38.0000	3	423	0.7	93.2	1.12149
39.0000	2	425	0.4	93.6	1.17840
40.0000	3	428	0.7	94.3	1.23531
41.0000	1	429	0.2	94.5	1.29222
42.0000	2	431	0.4	94.9	1.34912
43.0000	2	433	0.4	95.4	1.40603
44.0000	1	434	0.2	95.6	1.46294
46.0000	1	435	0.2	95.8	1.57676
49.0000	1	436	0.2	96.0	1.74748
51.0000	1	437	0.2	96.3	1.86130
52.0000	2	439	0.4	96.7	1.91821
53.0000	1	440	0.2	96.9	1.97511

VARIABLE: 1 AS

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
54.0000	1	441	0.2	97.1	2.03202
56.0000	1	442	0.2	97.4	2.14584
61.0000	1	443	0.2	97.6	2.43038
62.0000	1	444	0.2	97.8	2.48729
69.0000	1	445	0.2	98.0	2.88564
72.0000	1	446	0.2	98.2	3.05637
76.0000	1	447	0.2	98.5	3.28400
83.0000	1	448	0.2	98.7	3.68236
101.000	1	449	0.2	98.9	4.70670
108.000	1	450	0.2	99.1	5.10506
112.000	1	451	0.2	99.3	5.33269
114.000	1	452	0.2	99.6	5.44651
143.000	1	453	0.2	99.8	7.09685
152.000	1	454	0.2	100.0	7.60902
TOTAL	454	454	100.0	100.0	

COMMAND: FREQ MISSING VALUE TREATMENT: VARWISE

*** FREQUENCIES AND Z-SCORES ***

VARIABLE: 2 BA

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
27.0000	1	1	0.2	0.2	-0.538733
28.0000	1	2	0.2	0.4	-0.531558
29.0000	2	4	0.4	0.9	-0.524383
30.0000	1	5	0.2	1.1	-0.517207
31.0000	1	6	0.2	1.3	-0.510032
32.0000	1	7	0.2	1.5	-0.502857
37.0000	1	8	0.2	1.8	-0.466980
38.0000	1	9	0.2	2.0	-0.459805
39.0000	3	12	0.7	2.6	-0.452630
40.0000	1	13	0.2	2.9	-0.445454
41.0000	2	15	0.4	3.3	-0.438279
42.0000	5	20	1.1	4.4	-0.431104
43.0000	2	22	0.4	4.8	-0.423928
44.0000	1	23	0.2	5.1	-0.416753
46.0000	5	28	1.1	6.2	-0.402402
47.0000	4	32	0.9	7.0	-0.395227
48.0000	3	35	0.7	7.7	-0.388052
49.0000	3	38	0.7	8.4	-0.380876
50.0000	4	42	0.9	9.3	-0.373701
51.0000	5	47	1.1	10.4	-0.366526
52.0000	7	54	1.5	11.9	-0.359350
53.0000	9	63	2.0	13.9	-0.352175
54.0000	2	65	0.4	14.3	-0.345000
55.0000	1	66	0.2	14.5	-0.337825
56.0000	5	71	1.1	15.6	-0.330649
57.0000	5	76	1.1	16.7	-0.323474
58.0000	2	78	0.4	17.2	-0.316299
59.0000	6	84	1.3	18.5	-0.309123
60.0000	15	99	3.3	21.8	-0.301948
61.0000	6	105	1.3	23.1	-0.294773
62.0000	3	108	0.7	23.8	-0.287597
63.0000	4	112	0.9	24.7	-0.280422
64.0000	5	117	1.1	25.8	-0.273247
65.0000	5	122	1.1	26.9	-0.266071
66.0000	6	128	1.3	28.2	-0.258896
67.0000	9	137	2.0	30.2	-0.251721
68.0000	8	145	1.8	31.9	-0.244545
69.0000	4	149	0.9	32.8	-0.237370
70.0000	2	151	0.4	33.3	-0.230195
71.0000	4	155	0.9	34.1	-0.223019
72.0000	7	162	1.5	35.7	-0.215844
73.0000	7	169	1.5	37.2	-0.208669
74.0000	11	180	2.4	39.6	-0.201494
75.0000	6	186	1.3	41.0	-0.194318
76.0000	7	193	1.5	42.5	-0.187143
77.0000	12	205	2.6	45.2	-0.179968
78.0000	5	210	1.1	46.3	-0.172792
79.0000	5	215	1.1	47.4	-0.165617
80.0000	4	219	0.9	48.2	-0.158442

VARIABLE: 2 BA

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
81.0000	3	222	0.7	48.9	-0.151266
82.0000	5	227	1.1	50.0	-0.144091
83.0000	4	231	0.9	50.9	-0.136916
84.0000	4	235	0.9	51.8	-0.129740
85.0000	7	242	1.5	53.3	-0.122565
86.0000	6	248	1.3	54.6	-0.115390
87.0000	5	253	1.1	55.7	-0.108214
88.0000	6	259	1.3	57.0	-0.101039
89.0000	5	264	1.1	58.1	-0.0938638
90.0000	8	272	1.8	59.9	-0.0866885
91.0000	7	279	1.5	61.5	-0.0795132
92.0000	5	284	1.1	62.6	-0.0723379
93.0000	4	288	0.9	63.4	-0.0651626
94.0000	7	295	1.5	65.0	-0.0579873
95.0000	2	297	0.4	65.4	-0.0508120
96.0000	5	302	1.1	66.5	-0.0436367
97.0000	5	307	1.1	67.6	-0.0364613
98.0000	7	314	1.5	69.2	-0.0292860
99.0000	3	317	0.7	69.8	-0.0221107
100.000	4	321	0.9	70.7	-0.0149354
101.000	3	324	0.7	71.4	-0.00776009
102.000	4	328	0.9	72.2	-5.84772E-04
103.000	4	332	0.9	73.1	0.00659054
104.000	8	340	1.8	74.9	0.0137659
105.000	7	347	1.5	76.4	0.0209412
106.000	4	351	0.9	77.3	0.0281165
107.000	2	353	0.4	77.8	0.0352918
108.000	3	356	0.7	78.4	0.0424671
109.000	5	361	1.1	79.5	0.0496424
110.000	4	365	0.9	80.4	0.0568177
111.000	1	366	0.2	80.6	0.0639930
112.000	4	370	0.9	81.5	0.0711684
113.000	4	374	0.9	82.4	0.0783437
114.000	2	376	0.4	82.8	0.0855190
115.000	6	382	1.3	84.1	0.0926943
117.000	3	385	0.7	84.8	0.107045
118.000	4	389	0.9	85.7	0.114220
121.000	3	392	0.7	86.3	0.135746
122.000	4	396	0.9	87.2	0.142921
123.000	1	397	0.2	87.4	0.150097
125.000	1	398	0.2	87.7	0.164447
126.000	2	400	0.4	88.1	0.171623
127.000	3	403	0.7	88.8	0.178798
128.000	2	405	0.4	89.2	0.185973
130.000	1	406	0.2	89.4	0.200324
131.000	2	408	0.4	89.9	0.207499
132.000	1	409	0.2	90.1	0.214675
134.000	2	411	0.4	90.5	0.229025
135.000	2	413	0.4	91.0	0.236201
136.000	3	416	0.7	91.6	0.243376
137.000	2	418	0.4	92.1	0.250551
138.000	2	420	0.4	92.5	0.257727
139.000	1	421	0.2	92.7	0.264902
140.000	2	423	0.4	93.2	0.272077
141.000	2	425	0.4	93.6	0.279252

VARIABLE: 2 BA

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
144.000	1	426	0.2	93.8	0.300778
145.000	1	427	0.2	94.1	0.307954
146.000	2	429	0.4	94.5	0.315129
147.000	2	431	0.4	94.9	0.322304
148.000	2	433	0.4	95.4	0.329480
151.000	2	435	0.4	95.8	0.351006
153.000	1	436	0.2	96.0	0.365356
154.000	1	437	0.2	96.3	0.372532
155.000	2	439	0.4	96.7	0.379707
157.000	2	441	0.4	97.1	0.394057
165.000	1	442	0.2	97.4	0.451460
169.000	1	443	0.2	97.6	0.480161
170.000	1	444	0.2	97.8	0.487337
174.000	1	445	0.2	98.0	0.516038
175.000	1	446	0.2	98.2	0.523213
602.000	1	447	0.2	98.5	3.58707
622.000	1	448	0.2	98.7	3.73058
628.000	1	449	0.2	98.9	3.77363
722.000	1	450	0.2	99.1	4.44811
1257.00	1	451	0.2	99.3	8.28690
1263.00	1	452	0.2	99.6	8.32995
1507.00	1	453	0.2	99.8	10.0807
1669.00	1	454	0.2	100.0	11.2431
TOTAL	454	454	100.0	100.0	

COMMAND: FREQ MISSING VALUE TREATMENT: VARWISE

*** FREQUENCIES AND Z-SCORES ***

VARIABLE: 3 CU

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
1.00000	1	1	0.2	0.2	-2.08263
2.00000	2	3	0.4	0.7	-2.04918
3.00000	1	4	0.2	0.9	-2.01573
4.00000	1	5	0.2	1.1	-1.98229
7.00000	2	7	0.4	1.5	-1.88195
8.00000	1	8	0.2	1.8	-1.84851
9.00000	2	10	0.4	2.2	-1.81506
12.0000	2	12	0.4	2.6	-1.71472
13.0000	1	13	0.2	2.9	-1.68128
14.0000	1	14	0.2	3.1	-1.64783
15.0000	1	15	0.2	3.3	-1.61439
19.0000	3	18	0.7	4.0	-1.48060
20.0000	1	19	0.2	4.2	-1.44716
21.0000	3	22	0.7	4.8	-1.41371
22.0000	6	28	1.3	6.2	-1.38026
23.0000	3	31	0.7	6.8	-1.34682
24.0000	3	34	0.7	7.5	-1.31337
25.0000	4	38	0.9	8.4	-1.27993
26.0000	7	45	1.5	9.9	-1.24648
27.0000	3	48	0.7	10.6	-1.21304
28.0000	6	54	1.3	11.9	-1.17959
29.0000	3	57	0.7	12.6	-1.14614
30.0000	3	60	0.7	13.2	-1.11270
31.0000	8	68	1.8	15.0	-1.07925
32.0000	6	74	1.3	16.3	-1.04581
33.0000	9	83	2.0	18.3	-1.01236
34.0000	8	91	1.8	20.0	-0.978915
35.0000	5	96	1.1	21.1	-0.945469
36.0000	2	98	0.4	21.6	-0.912024
37.0000	4	102	0.9	22.5	-0.878578
38.0000	3	105	0.7	23.1	-0.845132
39.0000	8	113	1.8	24.9	-0.811686
40.0000	6	119	1.3	26.2	-0.778241
41.0000	5	124	1.1	27.3	-0.744795
42.0000	7	131	1.5	28.9	-0.711349
43.0000	5	136	1.1	30.0	-0.677903
44.0000	5	141	1.1	31.1	-0.644457
45.0000	5	146	1.1	32.2	-0.611012
46.0000	3	149	0.7	32.8	-0.577566
47.0000	6	155	1.3	34.1	-0.544120
48.0000	6	161	1.3	35.5	-0.510674
49.0000	6	167	1.3	36.8	-0.477229
50.0000	2	169	0.4	37.2	-0.443783
51.0000	6	175	1.3	38.5	-0.410337
52.0000	4	179	0.9	39.4	-0.376891
53.0000	9	188	2.0	41.4	-0.343445
54.0000	5	193	1.1	42.5	-0.310000
55.0000	2	195	0.4	43.0	-0.276554
56.0000	5	200	1.1	44.1	-0.243108

VARIABLE: 3 CU

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
57.0000	10	210	2.2	46.3	-0.209662
58.0000	8	218	1.8	48.0	-0.176217
59.0000	2	220	0.4	48.5	-0.142771
60.0000	9	229	2.0	50.4	-0.109325
61.0000	5	234	1.1	51.5	-0.0758792
62.0000	4	238	0.9	52.4	-0.0424334
63.0000	4	242	0.9	53.3	-0.00898763
64.0000	3	245	0.7	54.0	0.0244581
65.0000	7	252	1.5	55.5	0.0579039
66.0000	3	255	0.7	56.2	0.0913497
67.0000	4	259	0.9	57.0	0.124795
68.0000	2	261	0.4	57.5	0.158241
69.0000	5	266	1.1	58.6	0.191687
70.0000	5	271	1.1	59.7	0.225133
71.0000	5	276	1.1	60.8	0.258579
72.0000	5	281	1.1	61.9	0.292024
73.0000	3	284	0.7	62.6	0.325470
74.0000	7	291	1.5	64.1	0.358916
75.0000	1	292	0.2	64.3	0.392362
76.0000	7	299	1.5	65.9	0.425807
77.0000	2	301	0.4	66.3	0.459253
78.0000	5	306	1.1	67.4	0.492699
79.0000	4	310	0.9	68.3	0.526145
80.0000	6	316	1.3	69.6	0.559591
81.0000	4	320	0.9	70.5	0.593036
82.0000	4	324	0.9	71.4	0.626482
83.0000	2	326	0.4	71.8	0.659928
84.0000	3	329	0.7	72.5	0.693374
85.0000	6	335	1.3	73.8	0.726820
86.0000	6	341	1.3	75.1	0.760265
87.0000	7	348	1.5	76.7	0.793711
88.0000	3	351	0.7	77.3	0.827157
89.0000	3	354	0.7	78.0	0.860603
90.0000	5	359	1.1	79.1	0.894048
91.0000	4	363	0.9	80.0	0.927494
92.0000	3	366	0.7	80.6	0.960940
93.0000	5	371	1.1	81.7	0.994386
94.0000	7	378	1.5	83.3	1.02783
95.0000	4	382	0.9	84.1	1.06128
96.0000	5	387	1.1	85.2	1.09472
97.0000	5	392	1.1	86.3	1.12817
98.0000	4	396	0.9	87.2	1.16161
99.0000	1	397	0.2	87.4	1.19506
100.000	3	400	0.7	88.1	1.22851
101.000	4	404	0.9	89.0	1.26195
102.000	4	408	0.9	89.9	1.29540
103.000	4	412	0.9	90.7	1.32884
104.000	4	416	0.9	91.6	1.36229
105.000	4	420	0.9	92.5	1.39574
106.000	10	430	2.2	94.7	1.42918
107.000	1	431	0.2	94.9	1.46263
108.000	5	436	1.1	96.0	1.49607
109.000	1	437	0.2	96.3	1.52952
110.000	4	441	0.9	97.1	1.56296
111.000	1	442	0.2	97.4	1.59641

VARIABLE: 3 CU

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
112.000	2	444	0.4	97.8	1.62986
114.000	1	445	0.2	98.0	1.69675
117.000	1	446	0.2	98.2	1.79708
122.000	1	447	0.2	98.5	1.96431
123.000	1	448	0.2	98.7	1.99776
126.000	1	449	0.2	98.9	2.09810
135.000	1	450	0.2	99.1	2.39911
150.000	1	451	0.2	99.3	2.90080
157.000	1	452	0.2	99.6	3.13492
160.000	1	453	0.2	99.8	3.23525
223.000	1	454	0.2	100.0	5.34234
TOTAL	454	454	100.0	100.0	

COMMAND: FREQ MISSING VALUE TREATMENT: VARWISE

*** FREQUENCIES AND Z-SCORES ***

VARIABLE: 4 PB

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
6.00000	1	1	0.2	0.2	-0.788338
7.00000	2	3	0.4	0.7	-0.743256
8.00000	2	5	0.4	1.1	-0.698174
9.00000	4	9	0.9	2.0	-0.653092
10.0000	4	13	0.9	2.9	-0.608010
11.0000	11	24	2.4	5.3	-0.562928
12.0000	11	35	2.4	7.7	-0.517846
13.0000	16	51	3.5	11.2	-0.472764
14.0000	16	67	3.5	14.8	-0.427682
15.0000	25	92	5.5	20.3	-0.382601
16.0000	31	123	6.8	27.1	-0.337519
17.0000	25	148	5.5	32.6	-0.292437
18.0000	23	171	5.1	37.7	-0.247355
19.0000	28	199	6.2	43.8	-0.202273
20.0000	35	234	7.7	51.5	-0.157191
21.0000	25	259	5.5	57.0	-0.112109
22.0000	21	280	4.6	61.7	-0.0670271
23.0000	17	297	3.7	65.4	-0.0219452
24.0000	25	322	5.5	70.9	0.0231368
25.0000	22	344	4.8	75.8	0.0682187
26.0000	13	357	2.9	78.6	0.113301
27.0000	15	372	3.3	81.9	0.158383
28.0000	8	380	1.8	83.7	0.203464
29.0000	8	388	1.8	85.5	0.248546
30.0000	8	396	1.8	87.2	0.293628
31.0000	5	401	1.1	88.3	0.338710
32.0000	6	407	1.3	89.6	0.383792
33.0000	9	416	2.0	91.6	0.428874
34.0000	4	420	0.9	92.5	0.473956
35.0000	4	424	0.9	93.4	0.519038
36.0000	3	427	0.7	94.1	0.564120
37.0000	4	431	0.9	94.9	0.609202
38.0000	1	432	0.2	95.2	0.654284
39.0000	2	434	0.4	95.6	0.699366
40.0000	1	435	0.2	95.8	0.744448
41.0000	1	436	0.2	96.0	0.789529
42.0000	1	437	0.2	96.3	0.834611
43.0000	3	440	0.7	96.9	0.879693
45.0000	1	441	0.2	97.1	0.969857
49.0000	1	442	0.2	97.4	1.15018
50.0000	1	443	0.2	97.6	1.19527
53.0000	1	444	0.2	97.8	1.33051
55.0000	1	445	0.2	98.0	1.42068
56.0000	1	446	0.2	98.2	1.46576
57.0000	1	447	0.2	98.5	1.51084
69.0000	1	448	0.2	98.7	2.05182
84.0000	1	449	0.2	98.9	2.72805
93.0000	1	450	0.2	99.1	3.13379
100.000	1	451	0.2	99.3	3.44936

VARIABLE: 4 PB

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
107.000	1	452	0.2	99.6	3.76494
197.000	1	453	0.2	99.8	7.82231
398.000	1	454	0.2	100.0	16.8838
TOTAL	454	454	100.0	100.0	

COMMAND: FREQ MISSING VALUE TREATMENT: VARWISE

*** FREQUENCIES AND Z-SCORES ***

VARIABLE: 5 SB

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
1.00000	200	200	44.1	44.1	-0.480630
2.00000	114	314	25.1	69.2	-0.247255
3.00000	48	362	10.6	79.7	-0.0138792
4.00000	33	395	7.3	87.0	0.219496
5.00000	11	406	2.4	89.4	0.452872
6.00000	8	414	1.8	91.2	0.686248
7.00000	5	419	1.1	92.3	0.919623
8.00000	5	424	1.1	93.4	1.15300
9.00000	3	427	0.7	94.1	1.38637
10.0000	2	429	0.4	94.5	1.61975
11.0000	3	432	0.7	95.2	1.85313
12.0000	2	434	0.4	95.6	2.08650
13.0000	2	436	0.4	96.0	2.31988
14.0000	2	438	0.4	96.5	2.55325
15.0000	1	439	0.2	96.7	2.78663
16.0000	2	441	0.4	97.1	3.02000
17.0000	1	442	0.2	97.4	3.25338
20.0000	2	444	0.4	97.8	3.95351
21.0000	2	446	0.4	98.2	4.18688
22.0000	3	449	0.7	98.9	4.42026
23.0000	1	450	0.2	99.1	4.65363
25.0000	1	451	0.2	99.3	5.12038
26.0000	1	452	0.2	99.6	5.35376
28.0000	1	453	0.2	99.8	5.82051
35.0000	1	454	0.2	100.0	7.45414
TOTAL	454	454	100.0	100.0	

COMMAND: FREQ MISSING VALUE TREATMENT: VARWISE

*** FREQUENCIES AND Z-SCORES ***

VARIABLE: 6 ZN

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
20.0000	1	1	0.2	0.2	-0.988123
22.0000	1	2	0.2	0.4	-0.971278
24.0000	1	3	0.2	0.7	-0.954432
28.0000	2	5	0.4	1.1	-0.920742
31.0000	2	7	0.4	1.5	-0.895474
32.0000	1	8	0.2	1.8	-0.887051
33.0000	1	9	0.2	2.0	-0.878628
35.0000	2	11	0.4	2.4	-0.861783
36.0000	2	13	0.4	2.9	-0.853360
37.0000	1	14	0.2	3.1	-0.844938
39.0000	1	15	0.2	3.3	-0.828092
40.0000	2	17	0.4	3.7	-0.819670
42.0000	2	19	0.4	4.2	-0.802824
43.0000	1	20	0.2	4.4	-0.794402
44.0000	6	26	1.3	5.7	-0.785979
45.0000	4	30	0.9	6.6	-0.777556
46.0000	3	33	0.7	7.3	-0.769134
47.0000	3	36	0.7	7.9	-0.760711
48.0000	1	37	0.2	8.1	-0.752288
49.0000	6	43	1.3	9.5	-0.743866
50.0000	6	49	1.3	10.8	-0.735443
51.0000	1	50	0.2	11.0	-0.727020
52.0000	3	53	0.7	11.7	-0.718598
53.0000	6	59	1.3	13.0	-0.710175
54.0000	1	60	0.2	13.2	-0.701752
55.0000	2	62	0.4	13.7	-0.693330
56.0000	2	64	0.4	14.1	-0.684907
57.0000	4	68	0.9	15.0	-0.676484
58.0000	3	71	0.7	15.6	-0.668062
59.0000	5	76	1.1	16.7	-0.659639
60.0000	5	81	1.1	17.8	-0.651216
61.0000	3	84	0.7	18.5	-0.642794
62.0000	3	87	0.7	19.2	-0.634371
63.0000	3	90	0.7	19.8	-0.625948
64.0000	4	94	0.9	20.7	-0.617526
65.0000	4	98	0.9	21.6	-0.609103
66.0000	6	104	1.3	22.9	-0.600680
67.0000	5	109	1.1	24.0	-0.592258
68.0000	2	111	0.4	24.4	-0.583835
69.0000	1	112	0.2	24.7	-0.575412
70.0000	4	116	0.9	25.6	-0.566990
71.0000	2	118	0.4	26.0	-0.558567
72.0000	6	124	1.3	27.3	-0.550144
73.0000	3	127	0.7	28.0	-0.541722
74.0000	7	134	1.5	29.5	-0.533299
75.0000	7	141	1.5	31.1	-0.524876
76.0000	8	149	1.8	32.8	-0.516454
77.0000	5	154	1.1	33.9	-0.508031
78.0000	3	157	0.7	34.6	-0.499609

VARIABLE: 6 ZN

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
79.0000	5	162	1.1	35.7	-0.491186
80.0000	2	164	0.4	36.1	-0.482763
81.0000	4	168	0.9	37.0	-0.474341
82.0000	4	172	0.9	37.9	-0.465918
83.0000	6	178	1.3	39.2	-0.457495
84.0000	3	181	0.7	39.9	-0.449073
85.0000	5	186	1.1	41.0	-0.440650
86.0000	6	192	1.3	42.3	-0.432227
87.0000	2	194	0.4	42.7	-0.423805
88.0000	3	197	0.7	43.4	-0.415382
89.0000	5	202	1.1	44.5	-0.406959
90.0000	3	205	0.7	45.2	-0.398537
91.0000	3	208	0.7	45.8	-0.390114
92.0000	1	209	0.2	46.0	-0.381691
93.0000	4	213	0.9	46.9	-0.373269
94.0000	4	217	0.9	47.8	-0.364846
96.0000	2	219	0.4	48.2	-0.348001
97.0000	5	224	1.1	49.3	-0.339578
98.0000	7	231	1.5	50.9	-0.331155
99.0000	1	232	0.2	51.1	-0.322733
100.000	1	233	0.2	51.3	-0.314310
101.000	4	237	0.9	52.2	-0.305887
102.000	4	241	0.9	53.1	-0.297465
103.000	1	242	0.2	53.3	-0.289042
104.000	3	245	0.7	54.0	-0.280619
105.000	2	247	0.4	54.4	-0.272197
106.000	2	249	0.4	54.8	-0.263774
107.000	2	251	0.4	55.3	-0.255351
108.000	2	253	0.4	55.7	-0.246929
109.000	3	256	0.7	56.4	-0.238506
110.000	1	257	0.2	56.6	-0.230083
111.000	1	258	0.2	56.8	-0.221661
112.000	3	261	0.7	57.5	-0.213238
113.000	1	262	0.2	57.7	-0.204815
114.000	2	264	0.4	58.1	-0.196393
116.000	1	265	0.2	58.4	-0.179547
118.000	5	270	1.1	59.5	-0.162702
119.000	1	271	0.2	59.7	-0.154279
120.000	3	274	0.7	60.4	-0.145857
121.000	5	279	1.1	61.5	-0.137434
122.000	4	283	0.9	62.3	-0.129011
123.000	1	284	0.2	62.6	-0.120589
124.000	4	288	0.9	63.4	-0.112166
125.000	2	290	0.4	63.9	-0.103743
126.000	3	293	0.7	64.5	-0.0953208
127.000	1	294	0.2	64.8	-0.0868981
129.000	2	296	0.4	65.2	-0.0700528
131.000	1	297	0.2	65.4	-0.0532075
132.000	5	302	1.1	66.5	-0.0447848
134.000	2	304	0.4	67.0	-0.0279395
135.000	3	307	0.7	67.6	-0.0195168
136.000	3	310	0.7	68.3	-0.0110942
137.000	1	311	0.2	68.5	-0.00267150
138.000	2	313	0.4	68.9	0.00575116
139.000	2	315	0.4	69.4	0.0141738

VARIABLE: 6 ZN

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
140.000	2	317	0.4	69.8	0.0225965
141.000	3	320	0.7	70.5	0.0310191
142.000	2	322	0.4	70.9	0.0394418
143.000	4	326	0.9	71.8	0.0478645
144.000	1	327	0.2	72.0	0.0562871
145.000	1	328	0.2	72.2	0.0647098
146.000	1	329	0.2	72.5	0.0731324
147.000	1	330	0.2	72.7	0.0815551
149.000	1	331	0.2	72.9	0.0984004
150.000	1	332	0.2	73.1	0.106823
151.000	2	334	0.4	73.6	0.115246
153.000	1	335	0.2	73.8	0.132091
154.000	2	337	0.4	74.2	0.140514
158.000	2	339	0.4	74.7	0.174204
160.000	1	340	0.2	74.9	0.191050
163.000	1	341	0.2	75.1	0.216318
164.000	1	342	0.2	75.3	0.224740
165.000	3	345	0.7	76.0	0.233163
166.000	1	346	0.2	76.2	0.241586
167.000	1	347	0.2	76.4	0.250008
169.000	2	349	0.4	76.9	0.266854
170.000	1	350	0.2	77.1	0.275276
172.000	1	351	0.2	77.3	0.292122
173.000	3	354	0.7	78.0	0.300544
174.000	1	355	0.2	78.2	0.308967
175.000	1	356	0.2	78.4	0.317390
176.000	1	357	0.2	78.6	0.325812
177.000	2	359	0.4	79.1	0.334235
178.000	1	360	0.2	79.3	0.342658
179.000	2	362	0.4	79.7	0.351080
181.000	4	366	0.9	80.6	0.367926
184.000	2	368	0.4	81.1	0.393194
186.000	2	370	0.4	81.5	0.410039
188.000	2	372	0.4	81.9	0.426884
189.000	1	373	0.2	82.2	0.435307
190.000	2	375	0.4	82.6	0.443730
193.000	1	376	0.2	82.8	0.468998
194.000	2	378	0.4	83.3	0.477420
196.000	1	379	0.2	83.5	0.494265
200.000	1	380	0.2	83.7	0.527956
202.000	1	381	0.2	83.9	0.544801
204.000	1	382	0.2	84.1	0.561647
210.000	1	383	0.2	84.4	0.612183
211.000	1	384	0.2	84.6	0.620605
213.000	1	385	0.2	84.8	0.637451
216.000	1	386	0.2	85.0	0.662719
219.000	2	388	0.4	85.5	0.687987
220.000	3	391	0.7	86.1	0.696409
223.000	1	392	0.2	86.3	0.721677
224.000	1	393	0.2	86.6	0.730100
228.000	1	394	0.2	86.8	0.763791
229.000	1	395	0.2	87.0	0.772213
232.000	1	396	0.2	87.2	0.797481
239.000	1	397	0.2	87.4	0.856440
242.000	1	398	0.2	87.7	0.881708

VARIABLE: 6 ZN

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
243.000	1	399	0.2	87.9	0.890131
249.000	2	401	0.4	88.3	0.940667
254.000	1	402	0.2	88.5	0.982780
258.000	1	403	0.2	88.8	1.01647
261.000	1	404	0.2	89.0	1.04174
263.000	1	405	0.2	89.2	1.05858
264.000	2	407	0.4	89.6	1.06701
267.000	2	409	0.4	90.1	1.09227
271.000	1	410	0.2	90.3	1.12597
272.000	1	411	0.2	90.5	1.13439
288.000	1	412	0.2	90.7	1.26915
298.000	1	413	0.2	91.0	1.35338
306.000	1	414	0.2	91.2	1.42076
307.000	1	415	0.2	91.4	1.42918
309.000	1	416	0.2	91.6	1.44603
310.000	1	417	0.2	91.9	1.45445
313.000	1	418	0.2	92.1	1.47972
316.000	1	419	0.2	92.3	1.50498
323.000	1	420	0.2	92.5	1.56394
329.000	1	421	0.2	92.7	1.61448
331.000	1	422	0.2	93.0	1.63132
339.000	1	423	0.2	93.2	1.69871
343.000	1	424	0.2	93.4	1.73240
345.000	1	425	0.2	93.6	1.74924
351.000	1	426	0.2	93.8	1.79978
352.000	1	427	0.2	94.1	1.80820
357.000	1	428	0.2	94.3	1.85031
366.000	2	430	0.4	94.7	1.92612
371.000	1	431	0.2	94.9	1.96823
372.000	1	432	0.2	95.2	1.97665
376.000	1	433	0.2	95.4	2.01034
383.000	1	434	0.2	95.6	2.06930
389.000	1	435	0.2	95.8	2.11984
391.000	1	436	0.2	96.0	2.13668
399.000	2	438	0.4	96.5	2.20407
402.000	1	439	0.2	96.7	2.22933
403.000	1	440	0.2	96.9	2.23776
413.000	1	441	0.2	97.1	2.32198
434.000	1	442	0.2	97.4	2.49886
441.000	1	443	0.2	97.6	2.55782
462.000	1	444	0.2	97.8	2.73469
483.000	1	445	0.2	98.0	2.91157
513.000	1	446	0.2	98.2	3.16425
516.000	2	448	0.4	98.7	3.18952
526.000	1	449	0.2	98.9	3.27374
648.000	1	450	0.2	99.1	4.30131
691.000	1	451	0.2	99.3	4.66348
711.000	1	452	0.2	99.6	4.83194
891.000	1	453	0.2	99.8	6.34801
1083.00	1	454	0.2	100.0	7.96517
TOTAL	454	454	100.0	100.0	

COMMAND: FREQ   MISSING VALUE TREATMENT: VARWISE

*** FREQUENCIES AND Z-SCORES ***

VARIABLE: 7 AU

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
1.00000	155	155	34.1	34.1	-0.341779
2.00000	105	260	23.1	57.3	-0.307773
3.00000	39	299	8.6	65.9	-0.273767
4.00000	19	318	4.2	70.0	-0.239762
5.00000	14	332	3.1	73.1	-0.205756
6.00000	5	337	1.1	74.2	-0.171751
7.00000	2	339	0.4	74.7	-0.137745
8.00000	11	350	2.4	77.1	-0.103740
9.00000	3	353	0.7	77.8	-0.0697339
10.0000	19	372	4.2	81.9	-0.0357283
12.0000	4	376	0.9	82.8	0.0322828
13.0000	1	377	0.2	83.0	0.0662884
14.0000	2	379	0.4	83.5	0.100294
15.0000	4	383	0.9	84.4	0.134300
16.0000	4	387	0.9	85.2	0.168305
17.0000	3	390	0.7	85.9	0.202311
18.0000	4	394	0.9	86.8	0.236316
19.0000	1	395	0.2	87.0	0.270322
20.0000	13	408	2.9	89.9	0.304328
21.0000	2	410	0.4	90.3	0.338333
22.0000	4	414	0.9	91.2	0.372339
23.0000	1	415	0.2	91.4	0.406344
24.0000	1	416	0.2	91.6	0.440350
25.0000	1	417	0.2	91.9	0.474355
26.0000	2	419	0.4	92.3	0.508361
35.0000	1	420	0.2	92.5	0.814411
36.0000	1	421	0.2	92.7	0.848417
37.0000	3	424	0.7	93.4	0.882422
41.0000	2	426	0.4	93.8	1.01844
42.0000	1	427	0.2	94.1	1.05245
44.0000	1	428	0.2	94.3	1.12046
49.0000	1	429	0.2	94.5	1.29049
50.0000	3	432	0.7	95.2	1.32450
55.0000	1	433	0.2	95.4	1.49452
61.0000	1	434	0.2	95.6	1.69856
62.0000	1	435	0.2	95.8	1.73256
67.0000	1	436	0.2	96.0	1.90259
71.0000	1	437	0.2	96.3	2.03861
78.0000	1	438	0.2	96.5	2.27665
82.0000	1	439	0.2	96.7	2.41267
85.0000	1	440	0.2	96.9	2.51469
92.0000	1	441	0.2	97.1	2.75273
105.000	2	443	0.4	97.6	3.19480
106.000	1	444	0.2	97.8	3.22881
112.000	1	445	0.2	98.0	3.43284
120.000	1	446	0.2	98.2	3.70489
127.000	1	447	0.2	98.5	3.94292
143.000	1	448	0.2	98.7	4.48701
144.000	1	449	0.2	98.9	4.52102

VARIABLE: 7 AU

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
147.000	1	450	0.2	99.1	4.62304
151.000	1	451	0.2	99.3	4.75906
172.000	1	452	0.2	99.6	5.47318
174.000	1	453	0.2	99.8	5.54119
363.000	1	454	0.2	100.0	11.9682
TOTAL	454	454	100.0	100.0	

COMMAND: FREQ MISSING VALUE TREATMENT: VARWISE

*** FREQUENCIES AND Z-SCORES ***

VARIABLE: 8 AG

VALUE	FREQ	CUM FREQ	%	CUM %	Z SCORE
0.200000	1	1	0.2	0.2	-0.310602
0.300000	2	3	0.4	0.7	-0.293635
0.400000	1	4	0.2	0.9	-0.276668
0.500000	5	9	1.1	2.0	-0.259701
0.600000	9	18	2.0	4.0	-0.242735
0.700000	11	29	2.4	6.4	-0.225768
0.800000	32	61	7.0	13.4	-0.208801
0.900000	32	93	7.0	20.5	-0.191834
1.00000	41	134	9.0	29.5	-0.174867
1.01000	1	135	0.2	29.7	-0.173170
1.10000	29	164	6.4	36.1	-0.157900
1.20000	49	213	10.8	46.9	-0.140933
1.30000	24	237	5.3	52.2	-0.123966
1.40000	30	267	6.6	58.8	-0.107000
1.50000	26	293	5.7	64.5	-0.0900328
1.60000	27	320	5.9	70.5	-0.0730659
1.70000	10	330	2.2	72.7	-0.0560990
1.80000	21	351	4.6	77.3	-0.0391322
1.90000	16	367	3.5	80.8	-0.0221653
2.00000	15	382	3.3	84.1	-0.00519844
2.10000	9	391	2.0	86.1	0.0117684
2.20000	4	395	0.9	87.0	0.0287353
2.30000	9	404	2.0	89.0	0.0457022
2.40000	7	411	1.5	90.5	0.0626690
2.50000	2	413	0.4	91.0	0.0796359
2.60000	4	417	0.9	91.9	0.0966028
2.70000	5	422	1.1	93.0	0.113570
2.80000	2	424	0.4	93.4	0.130536
2.90000	1	425	0.2	93.6	0.147503
3.00000	1	426	0.2	93.8	0.164470
3.10000	2	428	0.4	94.3	0.181437
3.20000	2	430	0.4	94.7	0.198404
3.60000	1	431	0.2	94.9	0.266271
4.00000	1	432	0.2	95.2	0.334139
4.10000	1	433	0.2	95.4	0.351106
4.20000	1	434	0.2	95.6	0.368073
4.30000	2	436	0.4	96.0	0.385039
4.40000	1	437	0.2	96.3	0.402006
4.50000	2	439	0.4	96.7	0.418973
4.60000	1	440	0.2	96.9	0.435940
4.80000	1	441	0.2	97.1	0.469874
5.20000	1	442	0.2	97.4	0.537741
5.30000	1	443	0.2	97.6	0.554708
5.40000	2	445	0.4	98.0	0.571675
6.40000	1	446	0.2	98.2	0.741344
6.70000	1	447	0.2	98.5	0.792244
7.60000	1	448	0.2	98.7	0.944946
8.40000	1	449	0.2	98.9	1.08068
16.0000	1	450	0.2	99.1	2.37016

VARIABLE: B A6

		CUM		CUM	
VALUE	FREQ	FREQ	%	%	Z SCORE
17.5000	1	451	0.2	99.3	2.62467
34.0000	1	452	0.2	99.6	5.42420
60.0000	1	453	0.2	99.8	9.83558
104.000	1	454	0.2	100.0	17.3010
TOTAL	454	454	100.0	100.0	

APPENDIX IV - B

HISTOGRAMS

```
COMMAND: HIST      MISSING VALUE TREATMENT: VARWISE

VARIABLE:    1 AS

AT LEAST       1.00000                 5                10                15                20                25                30
BUT NOT OVER:  FREQ    %    +----------------+----------------+-----------------+----------------+-----------------+----------------+
     6.00000    95   20.9  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     12.0000    92   20.3  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     18.0000    91   20.0  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     24.0000    69   15.2  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     30.0000    46   10.1  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     36.0000    23    5.1  IXXXXXXXXXXXXXXXXX
     42.0000    15    3.3  IXXXXXXXXXXX
     48.0000     4    0.9  IXXX
     54.0000     6    1.3  IXXXX
     60.0000     1    0.2  IX
     66.0000     2    0.4  IX
     72.0000     2    0.4  IX
     78.0000     1    0.2  IX
     84.0000     1    0.2  IX
     90.0000     0   00.0  I
     96.0000     0   00.0  I
     102.000     1    0.2  IX
     106.000     0   00.0  I
     112.000     2    0.4  IX
     118.000     1    0.2  IX
     124.000     0   00.0  I
     130.000     0   00.0  I
     136.000     0   00.0  I
     142.000     0   00.0  I
     148.000     1    0.2  IX
     152.000     1    0.2  IX
                            +----------------+----------------+-----------------+----------------+-----------------+----------------+
      TOTAL    454  100.0                  5                10                15                20                25                30
```

```
COMMAND: HIST      MISSING VALUE TREATMENT: VARWISE

VARIABLE:    2 BA

AT LEAST       27.0000              10              20              30              40              50              60              70
BUT NOT OVER:  FREQ    %     +--------------+---------------+---------------+---------------+---------------+---------------+--------------+
      63.0000   112  24.7  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      126.000   288  63.4  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      199.000    46  10.1  IXXXXXXXXXXXXXX
      252.000     0  00.0  I
      315.000     0  00.0  I
      378.000     0  00.0  I
      441.000     0  00.0  I
      504.000     0  00.0  I
      569.000     0  00.0  I
      630.000     3   0.7  IX
      693.000     0  00.0  I
      756.000     1   0.2  I
      819.000     0  00.0  I
      882.000     0  00.0  I
      945.000     0  00.0  I
      1008.00     0  00.0  I
      1071.00     0  00.0  I
      1134.00     0  00.0  I
      1197.00     0  00.0  I
      1260.00     1   0.2  I
      1323.00     1   0.2  I
      1386.00     0  00.0  I
      1449.00     0  00.0  I
      1512.00     1   0.2  I
      1575.00     0  00.0  I
      1638.00     0  00.0  I
      1701.00     1   0.2  I
                           +--------------+---------------+---------------+---------------+---------------+---------------+--------------+
        TOTAL   454 100.0               10              20              30              40              50              60              70
```

```
COMMAND: HIST     MISSING VALUE TREATMENT: VARWISE

VARIABLE:   3 CU

AT LEAST       1.00000          1         2         3         4         5         6         7         8         9        10
BUT NOT OVER:  FREQ      %  +---------+---------+---------+---------+---------+---------+---------+---------+---------+---------+
     8.00000     8     1.8  IXXXXXXXXXXXXXXXXXX
     16.0000     7     1.5  IXXXXXXXXXXXXXXX
     24.0000    19     4.2  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     32.0000    40     8.8  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     40.0000    45     9.9  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     48.0000    42     9.3  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     56.0000    39     8.6  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     64.0000    45     9.9  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     72.0000    36     7.9  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     80.0000    35     7.7  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     88.0000    35     7.7  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     96.0000    36     7.9  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     104.000    29     6.4  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     112.000    28     6.2  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     120.000     2     0.4  IXXXX
     128.000     3     0.7  IXXXXXXX
     136.000     1     0.2  IXX
     144.000     0    00.0  I
     152.000     1     0.2  IXX
     160.000     2     0.4  IXXXX
     168.000     0    00.0  I
     176.000     0    00.0  I
     184.000     0    00.0  I
     192.000     0    00.0  I
     200.000     0    00.0  I
     208.000     0    00.0  I
     216.000     0    00.0  I
     224.000     1     0.2  IXX
                            +---------+---------+---------+---------+---------+---------+---------+---------+---------+---------+
       TOTAL   454   100.0            1         2         3         4         5         6         7         8         9        10
```

```
COMMAND: HIST      MISSING VALUE TREATMENT: VARWISE

VARIABLE:   4 PB

AT LEAST       6.00000               10             20             30             40             50             60             70
BUT NOT OVER:  FREQ     %   +-------------+-------------+-------------+-------------+-------------+-------------+-------------+
      15.0000    92  20.3   IXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      30.0000   304  67.0   IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      45.0000    45   9.9   IXXXXXXXXXXXXX
      60.0000     6   1.3   IXX
      75.0000     1   0.2   I
      90.0000     1   0.2   I
      105.000     2   0.4   IX
      120.000     1   0.2   I
      135.000     0  00.0   I
      150.000     0  00.0   I
      165.000     0  00.0   I
      180.000     0  00.0   I
      195.000     0  00.0   I
      210.000     1   0.2   I
      225.000     0  00.0   I
      240.000     0  00.0   I
      255.000     0  00.0   I
      270.000     0  00.0   I
      285.000     0  00.0   I
      300.000     0  00.0   I
      315.000     0  00.0   I
      330.000     0  00.0   I
      345.000     0  00.0   I
      360.000     0  00.0   I
      375.000     0  00.0   I
      390.000     0  00.0   I
      405.000     1   0.2   I
                            +-------------+-------------+-------------+-------------+-------------+-------------+-------------+
        TOTAL   454 100.0                10             20             30             40             50             60             70
```

```
COMMAND: HIST      MISSING VALUE TREATMENT: VARWISE

VARIABLE:   5 SB

AT LEAST       1.00000                     10                  20                  30                  40                  50
BUT NOT OVER:  FREQ     %   +-------------------+-------------------+-------------------+-------------------+-------------------+
      1.00000   200   44.1  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      2.00000   114   25.1  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      3.00000    48   10.6  IXXXXXXXXXXXXXXXXXXXXX
                            +-------------------+-------------------+-------------------+-------------------+-------------------+
        TOTAL   454  100.0                     10                  20                  30                  40                  50
```

```
COMMAND: HIST      MISSING VALUE TREATMENT: VARWISE

VARIABLE:   6 ZN

AT LEAST      20.0000                5            10           15           20           25           30           35           40
BUT NOT OVER:  FREQ     %   +------------+------------+------------+------------+------------+------------+------------+------------+
      41.0000    17   3.7   IXXXXXXXXX
      82.0000   155  34.1   IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      123.000   112  24.7   IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      164.000    58  12.8   IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      205.000    40   8.8   IXXXXXXXXXXXXXXXXXXXXXX
      246.000    17   3.7   IXXXXXXXXX
      287.000    12   2.6   IXXXXXXX
      328.000     9   2.0   IXXXXX
      369.000    10   2.2   IXXXXXX
      410.000    10   2.2   IXXXXXX
      451.000     3   0.7   IXX
      492.000     2   0.4   IX
      533.000     4   0.9   IXX
      574.000     0  00.0   I
      615.000     0  00.0   I
      656.000     1   0.2   IX
      697.000     1   0.2   IX
      738.000     1   0.2   IX
      779.000     0  00.0   I
      820.000     0  00.0   I
      861.000     0  00.0   I
      902.000     1   0.2   IX
      943.000     0  00.0   I
      984.000     0  00.0   I
      1025.00     0  00.0   I
      1066.00     0  00.0   I
      1107.00     1   0.2   IX
                            +------------+------------+------------+------------+------------+------------+------------+------------+
        TOTAL   454 100.0                5            10           15           20           25           30           35           40
```

```
COMMAND: HIST      MISSING VALUE TREATMENT: VARWISE

VARIABLE:   7 AU

AT LEAST       1.00000              10        20        30        40        50        60        70        80        90
BUT NOT OVER:  FREQ    %    +---------+---------+---------+---------+---------+---------+---------+---------+---------+
      14.0000   379   83.5  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
      28.0000    40    8.8  IXXXXXXXXXX
      42.0000     8    1.8  IXX
      56.0000     6    1.3  IX
      70.0000     3    0.7  IX
      84.0000     3    0.7  IX
      98.0000     2    0.4  I
      112.000     4    0.9  IX
      126.000     1    0.2  I
      140.000     1    0.2  I
      154.000     4    0.9  IX
      168.000     0   00.0  I
      182.000     2    0.4  I
      196.000     0   00.0  I
      210.000     0   00.0  I
      224.000     0   00.0  I
      238.000     0   00.0  I
      252.000     0   00.0  I
      266.000     0   00.0  I
      280.000     0   00.0  I
      294.000     0   00.0  I
      308.000     0   00.0  I
      322.000     0   00.0  I
      336.000     0   00.0  I
      350.000     0   00.0  I
      364.000     1    0.2  I
                            +---------+---------+---------+---------+---------+---------+---------+---------+---------+
        TOTAL   454  100.0            10        20        30        40        50        60        70        80        90
```

```
COMMAND: HIST      MISSING VALUE TREATMENT: VARWISE

VARIABLE:   9 AG

AT LEAST       0.200000         10         20         30         40         50         60         70         80         90        100
BUT NOT OVER:  FREQ    %   +---------+---------+---------+---------+---------+---------+---------+---------+---------+---------+
     4.00000    432  95.2  IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
     8.00000     16   3.5  IXXXX
     12.0000      1   0.2  I
     16.0000      1   0.2  I
     20.0000      1   0.2  I
     24.0000      0  00.0  I
     28.0000      0  00.0  I
     32.0000      0  00.0  I
     36.0000      1   0.2  I
     40.0000      0  00.0  I
     44.0000      0  00.0  I
     48.0000      0  00.0  I
     52.0000      0  00.0  I
     56.0000      0  00.0  I
     60.0000      1   0.2  I
     64.0000      0  00.0  I
     68.0000      0  00.0  I
     72.0000      0  00.0  I
     76.0000      0  00.0  I
     80.0000      0  00.0  I
     84.0000      0  00.0  I
     88.0000      0  00.0  I
     92.0000      0  00.0  I
     96.0000      0  00.0  I
     100.000      0  00.0  I
     104.000      1   0.2  I
                           +---------+---------+---------+---------+---------+---------+---------+---------+---------+---------+
       TOTAL    454 100.0           10         20         30         40         50         60         70         80         90        100
```

APPENDIX IV - C

CORRELATION COEFFICIENTS

CORRELATION COEFFICIENTS

	Au	Ag	As	Pb	Cu	Zn	Sb
Au	1.000	0.003	-0.144	0.029	0.111	0.0002	-0.036
Ag		1.000	-0.322	0.275	0.187	0.450	0.017
As			1.000	0.127	-0.209	-0.008	0.358
Pb				1.000	0.317	0.371	-0.028
Cu					1.000	0.111	-0.057
Zn						1.000	0.291
Sb							1.000

Rating:				
	0.000	to	(+/-) 0.300	Weak
	(+/-) 0.301	to	(+/-) 0.550	Slight
	(+/-) 0.551	to	(+/-) 0.800	Moderate
	(+/-) 0.801	to	(+/-) 1.000	Strong

SQUARES OF CORRELATION COEFFICIENTS
(To express the interaction in percentile)

	Au	Ag	As	Pb	Cu	Zn	Sb
Au	100.0	0.00	2.00	0.08	1.20	0.00	0.10
Ag		100.0	10.30	7.50	3.40	20.20	0.02
As			100.0	1.60	4.30	0.00	12.80
Pb				100.0	10.00	13.70	0.07
Cu					100.0	1.20	0.30
Zn						100.0	8.40
Sb							100.0

Rating:				
	0.0%	to	9.0%	Weak
	9.1%	to	30.2%	Slight
	30.3%	to	64.0%	Moderate
	64.0%	to	100.0%	Strong

COMMAND: CORR MISSING VALUE TREATMENT: PAIRWISE

(NUMBER OF VALID CASES APPEARS UNDER COEFFICIENT)

*** CORRELATION MATRIX ***

VARIABLES:	1 AS	2 BA	3 CU	4 PB	5 SB	6 ZN	7 AU	8 AG
1 AS	1.00000							
2 BA	0.04278 454	1.00000						
3 CU	0.09654 454	-0.16021 454	1.00000					
4 PB	0.33694 454	-0.05353 454	0.01014 454	1.00000				
5 SB	0.41168 454	0.00377 454	0.22842 454	0.17521 454	1.00000			
6 ZN	-0.03300 454	-0.07985 454	0.19197 454	0.29205 454	-0.03577 454	1.00000		
7 AU	0.33769 454	-0.02961 454	0.23213 454	0.35640 454	0.38758 454	0.04351 454	1.00000	
8 AG	0.18278 454	-0.02944 454	0.09941 454	0.76655 454	0.03509 454	0.31069 454	0.21955 454	1.00000
	1 AS	2 BA	3 CU	4 PB	5 SB	6 ZN	7 AU	8 AG

APPENDIX V

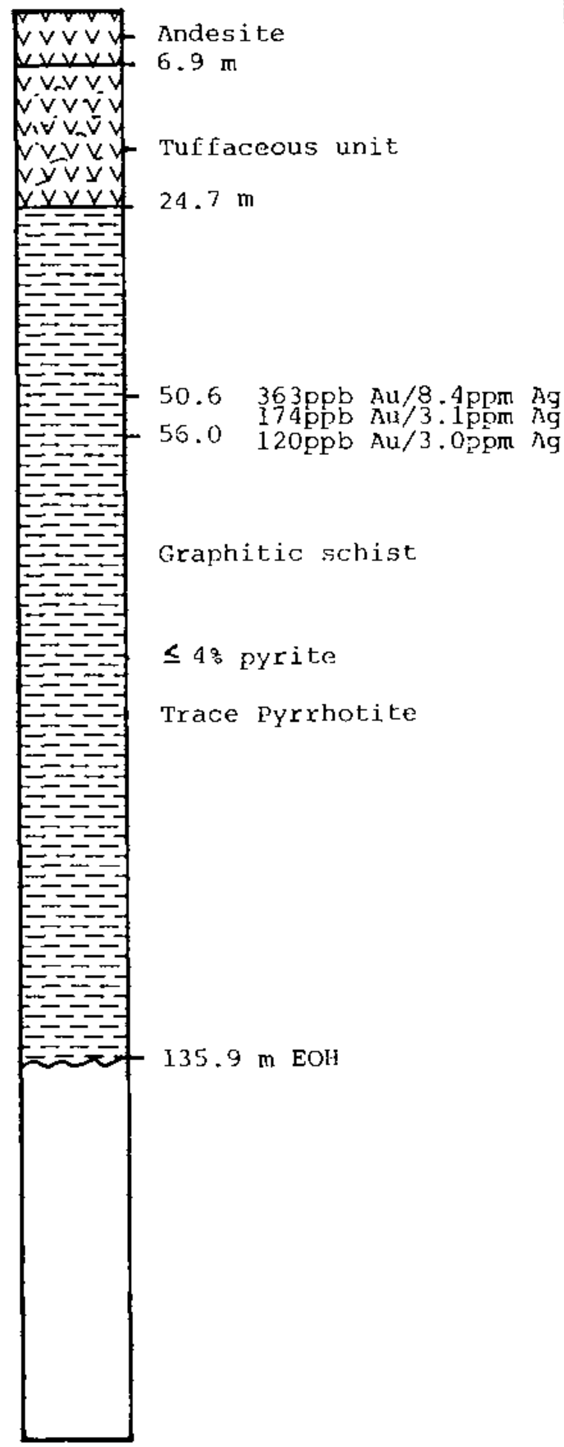
DRILL LOGS

DRILL HOLE LOG SUMMARY

HI-TEC
RESOURCE MANAGEMENT LTD.

Company	Canova/Expeditor
Project No.	88-BC-052
Drill hole no.	88-SRC-1
Area/Township	Okanagan
Mining Division	Vernon
Claim Name	Skookum showing
N.T.S.	82-L/6W
Grid Reference	Line 1050E/5095N
Angle/Orientation	-45°/140°
Length	135.9 meters (446 ft)
Core size	4 1/8"RC
% Recovery	98%
Depth to Bedrock	0.4 meters
Lithology Fm Top	Andesite
Lithology Fm Base	Graphitic schist
Date collared	December 3, 1988
Date completed	December 4, 1988
Dip Tests	N/A
No. of Samples	91 RC
Sample Interval	1.5 RC
Sample No's	From: 14525A 1751A To: 14600A 1770A
Drilling Company	D.W. COATES
Logged by	J.Dahrouge/D.Collins

Comments:



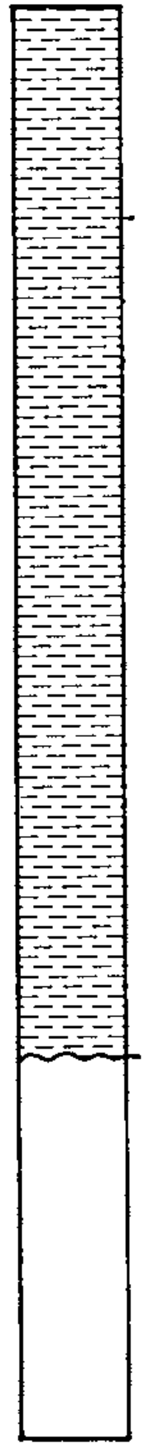
Scale of Summary log	1:1000

DRILL HOLE LOG SUMMARY

HI-TEC
RESOURCE MANAGEMENT LTD.

Company	Canova/Expeditor
Project No.	88-BC-052
Drill hole no.	88-SRC-2
Area/Township	Okanagan
Mining Division	Vernon
Claim Name	Skookum showing
N.T.S.	82-L/6W
Grid Reference	Line 1160E/5155N
Angle/Orientation	-45°/140°
Length	135.9 meters (446 ft)
Core size	4 1/8"RC
% Recovery	98%
Depth to Bedrock	0.4 meters
Lithology Fm Top	Graphitic schist
Lithology Fm Base	Graphitic schist
Date collared	December 5, 1988
Date completed	December 6, 1988
Dip Tests	N/A
No. of Samples	87 RC
Sample Interval	1.5 RC
Sample No's	From: 1901A To: 1988A
Drilling Company	D.W. COATES
Logged by	J.Dahrouge/D.Collins

Comments:



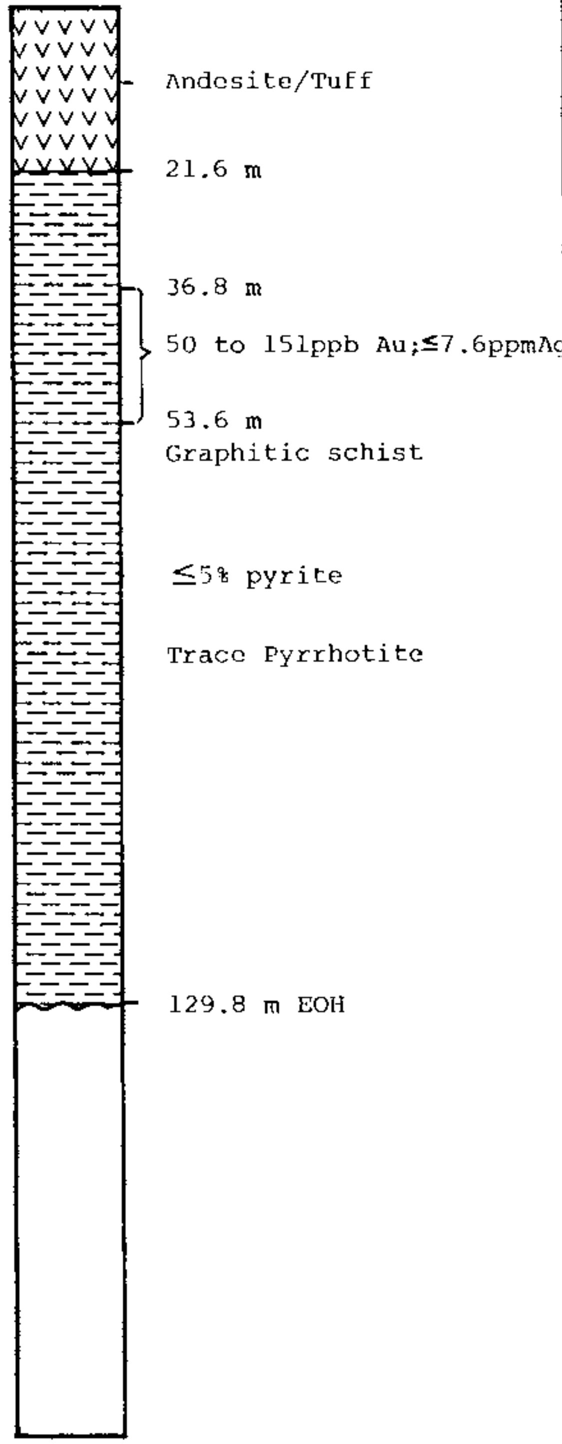
Scale of Summary log	1:1000

DRILL HOLE LOG SUMMARY

HI-TEC
RESOURCE MANAGEMENT LTD.

Company	Canova/Expeditor
Project No.	88-BC-052
Drill hole no.	88-SRC-4
Area/Township	Okanagan
Mining Division	Vernon
Claim Name	Skookum showing
N.T.S.	82-L/6W
Grid Reference	Line 997E/5055N
Angle/Orientation	-45°/150°
Length	129.8 meters (426 ft)
Core size	4 1/8"RC
% Recovery	98%
Depth to Bedrock	0.4 meters
Lithology Fm Top	Andesite/Tuff
Lithology Fm Base	Graphitic schist
Date collared	December 13, 1988
Date completed	December 14, 1988
Dip Tests	N/A
No. of Samples	83 RC
Sample Interval	1.5 RC
Sample No's	From: 45151A 45051A To: 45200A 45083A
Drilling Company	D.W. COATES
Logged by	J.Dahrouge/D.Collins

Comments:



Scale of Summary log	1:1000

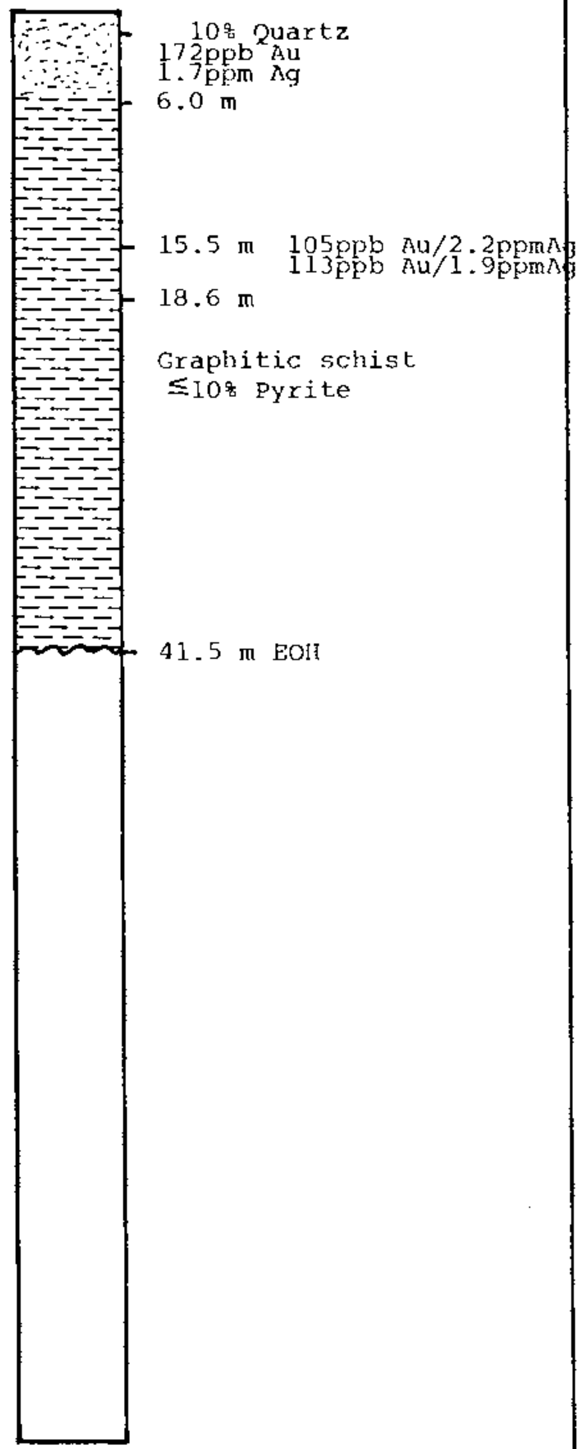
DRILL HOLE LOG SUMMARY

HI-TEC
RESOURCE MANAGEMENT LTD.

Company	Canova/Expeditor
Project No.	88-BC-052
Drill hole no.	88- SRC-5
Area/Township	Okanagan
Mining Division	Vernon
Claim Name	Skookum showing
N.T.S.	82-L/6W
Grid Reference	Line 1005E/5000N
Angle/Orientation	$-45^{\circ}/270^{\circ}$
Length	41.5 meters (136 ft)
Core size	4 1/8"RC
% Recovery	98%
Depth to Bedrock	0.4 meters
Lithology Fm Top	Graphitic schist
Lithology Fm Base	Graphitic schist
Date collared	December 14, 1988
Date completed	December 15, 1988
Dip Tests	N/A
No. of Samples	24 RC
Sample Interval	1.5 RC
Sample No's	From: 45084A To: 45107A
Drilling Company	D.W. COATES
Logged by	J.Dahrouge/D.Collins

Scale of Summary log	1:500

Comments:

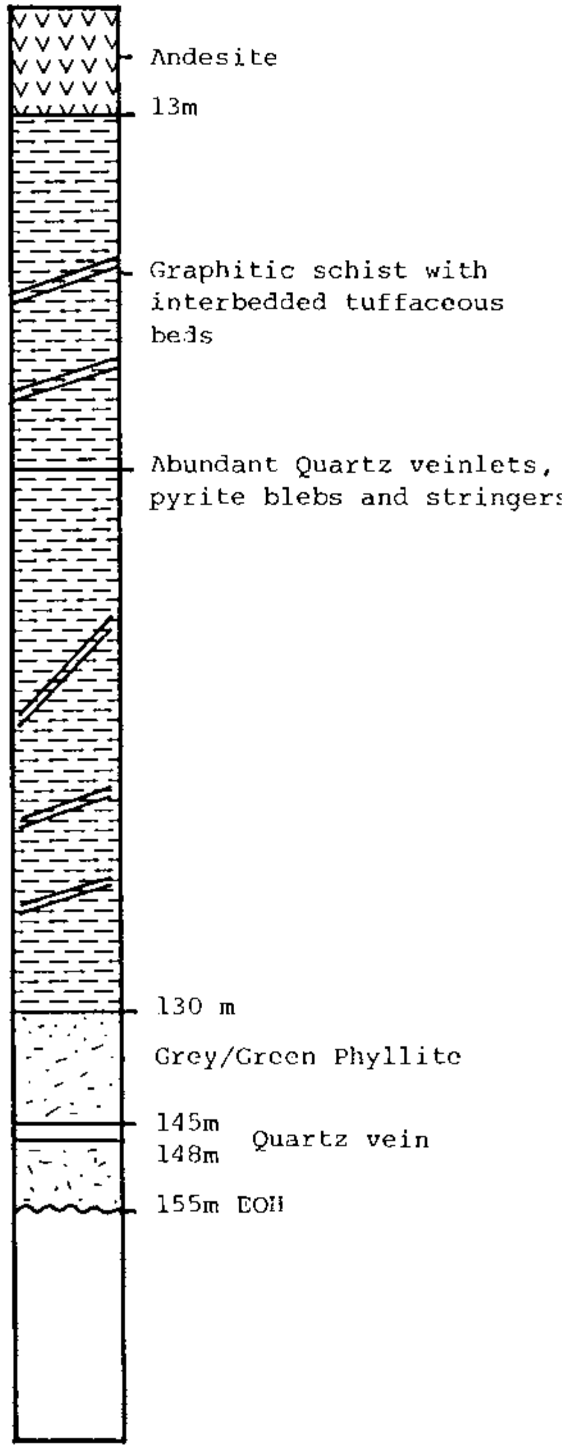


DRILL HOLE LOG SUMMARY

HI-TEC RESOURCE MANAGEMENT LTD.

Company	Canova/Expeditor
Project No.	88-BC-052
Drill hole no.	88-SDD-1
Area/Township	Okanagan
Mining Division	Vernon
Claim Name	Skookum showing
N.T.S.	82-L/6W
Grid Reference	Line 975E/5015N
Angle/Orientation	-45°/140°
Length	154.5 meters (507 ft)
Core size	NQ
% Recovery	90%
Depth to Bedrock	0.4 meters
Lithology Fm Top	Andesite
Lithology Fm Base	Graphitic schist/ Phyllite
Date collared	December 1, 1988
Date completed	December 3, 1988
Dip Tests	N/A
No. of Samples	88
Sample Interval	Variable
Sample No's	From: SD1-1 To: SD1-88
Drilling Company	D.W. COATES
Logged by	J.Dahrouge/D.Collins

Comments:



Scale of Summary log	1:1000

HI-TEC
RESOURCE MANAGEMENT LTD.

PROJECT : 88-BC-052 DRILL HOLE LOG NO. 88-SDD-001

Depth	Description	C/A	Tectonic struct.	% Rec	Sample no.	From	To	Mineralization & Alteration	Au (ppb)	Ag	As	Ba	Cu	Pb	Sb	Zn
									ASSAY RESULTS - ppm							
0.40	Overburden/end of casing															
5.27	Medium/coarse tuffaceous gy/gr andesite, clast size -granule to ≥2cm, Ang, unsorted, basal contact	60			SD1-1	1.0	3.0	Dis'm po ≤5%	20	1.6	7	89	96	14	1	57
6.1	Blk/dk gy laminated tuffaceous, argillite. Thin ≤1 cm paler gy interlam. Transitional base diffuse.				SD1-2	5.27	6.1	Tr. dis'm po v.fine grained	10	1.4	8	110	46	19	2	52
6.6	Fine/aphanitic gy andesite Coarsening down. Diffuse lr	40						Tr. po								
7.26	Coarse grained andesite															
9.70	Fine grained gr/gy tuffaceous andesite, clast size 30mm-≤2mm, silicified matrix is white, l green, fine gr, chloritized.	48	fluid strs.					Dis'm po ≤7%								
10.14	Dk gy/gr-blk, tuffaceous andesite, m. clast size fract. filled unit, much graphite along fracts. Very silicified in part.				SD1-3	9.45	10.0	≤15% dis'm po	20	1.3	13	74	60	19	2	59
11.12	Contact with fine grained light gy tuffaceous andes. clast size fine-<2mm, sil.							< 3% dis'm po								
12.82	Contact with v. coarse grnd tuffaceous andesite, clasts >100mm-<2mm, gy/gr,				SD1-4	11.15	12.73	<8% Sulfides po dis'm > py recrystallized	20	1.5	5	48	53	11	2	65

Depth	Description	Tectonic % C/A struct.Rec	Sample no.	From	To	Mineralization & Alteration	(ppb) Au	ASSAY RESULTS - ppm Ag	As	Ba	Cu	Pb	Sb	Zn
13.1	Blk graphitic schist with minor qtz v'lets<2mm, sugary white qtz.	30 v'lets												
14.2	Same as above. <3% sugary qtz. v'lets w random orient		SD1-5	12.73	14.23	<12% py, dis'm /recry+in fracts	1.5	.4	6	84	84	19	1	194
14.9	Same as above. Slightly more competent.<5% sugary qtz. v'lets.From 14.5-14.9 intensely silicified zone w v'lets.	80 v'lets	SD1-6	14.23	16.73	12% sulfides, py dis'm & fract filled within qtz v'lets. po dis'm.	20	1.8	12	60	95	21	4	139
16.9	Semicompetent same as above		SD1-7	16.73	17.23	as above	10	1.2	7	102	100	16	2	154
17.17	Intensely v'ed graphitic unit. Veins <1cm wide. <30% sugary qtz.					< 8% po/py								
17.23	Tuff,light br, w qtz v'ing					< 3% sulfides.V fine dis'm py.								
17.37	Same as above @ 16.9-17.17		SD1-8	17.23	18.73		20	.3	5	91	123	16	1	134
19.05	Blk graphitic schist with abundant qtz v'lets<2mm, <3% sugary white qtz.		SD1-9	18.73	20.0	<5% py. Rx ≤1.5 cm + dis'm, fract.filled Brassy py.	10	.9	5	52	103	15	2	98
	Semi-competent light gy/blk graphitic schist with qtz v'lets occ mineralized w py and po. <5% white sugary qtz v'lets.	85 linn	SD1-10	20.00	21.0	<8% sulfides,py + po	10	2.0	19	61	94	17	1	167
			SD1-11	21.00	22.0	py + po	10	.2	10	71	85	15	2	98
			SD1-12	22.00	23.0	py + po	10	1.1	20	80	107	20	3	267
		86	SD1-13	23.00	24.0	py + po	10	.8	13	75	85	14	3	181
			SD1-14	24.00	25.0	py + po	10	.3	10	71	72	21	3	88
			SD1-15	25.00	26.0	py + po	1	1.0	4	62	63	16	4	125
			SD1-16	26.00	27.0	py + po	1	1.2	29	46	91	19	2	219
			SD1-17	27.00	28.0	py + po	2	1.2	2	65	70	18	4	93
			SD1-18	28.00	29.0	py + po	8	1.0	18	57	93	12	3	104
	Pale gy sil. laminae	45 fabric	SD1-19	29.00	30.0	py + po	20	3.2	17	80	88	17	7	102
			SD1-20	30.00	31.0	py + po	78	6.4	11	39	78	21	16	112
	Light gy/gr fine grained andesite w v. fine clasts		SD1-21	31.00	32.0	py blebs	37	4.1	12	65	94	15	10	228
			SD1-22	32.00	33.0	qtz stringers	55	1.2	35	127	25	11	2	79
33.36	Tuffaceous, silicified, 5% qtz stringers.	55 lr cont	SD1-23	33.00	34.0	mnr py	4	1.0	40	72	55	15	4	151

Depth	Description	Tectonic % C/A struct.Rec	Sample no.	From	To	Mineralization & Alteration	(ppb) Au	Ag	As	Ba	Cu	Pb	Sb	Zn
	Same as above.		SD1-24	34.00	35.0	mnr py,qtz st	44	0.9	4	58	112	20	6	220
			SD1-25	35.00	36.0	py blebs,qtz st	2	0.9	22	72	110	25	8	181
			SD1-26	36.00	37.0	py blebs,qtz st	1	1.1	21	76	86	17	3	109
			SD1-27	37.00	38.0	py blebs,qtz st	1	0.8	4	92	69	18	3	108
			SD1-28	38.00	39.0	mnr py,qtz	1	0.5	9	78	1	30	1	45
38.2	Graphitic schist same as above.													
39.1	Light gy tuffaceous andesite.		SD1-29	39.00	40.0	mnr py, qtz	2	0.7	10	90	9	39	2	44
39.66	Graphitic schist as above.													
40.55	Light gy tuffaceous andesite.	65 laminae	SD1-30	40.00	41.0	mnr py, qtz	4	1.6	5	165	51	32	3	70
41.8	Graphitic schist as above.	90 top cont	SD1-31	41.00	41.75	< 3% dis'm py.	2	1.2	16	71	88	27	2	77
42.2	Qtz vein w py and po along fractures.		SD1-32	41.75	42.25	< 5% py & tr cpy	20	2.4	25	31	65	24	4	47
42.75	Interlayered light green tuff & graphitic schist. Approx. 8% qtz. v'lets	50	SD1-33	42.25	42.75	< 6% dis'm py.	10	1.8	5	60	54	24	2	76
46.4	Graphitic schist as above		SD1-34	45.85	46.85	<4% Py blebs (< 1 cm)	1	0.8	7	78	43	9	1	84
47.85	Decomposed shear zone w py along arg. laminations.	var.	SD1-35	46.85	47.85	Py along shear	20	1.9	7	60	87	13	1	50
			SD1-36	47.85	48.85	<5% py assoc. w qtz stringers	2	1.6	3	77	90	12	1	124
49.9	Graphitic schist as above.	90 lam	SD1-37	48.85	49.95	mnr py assoc. w siliceous veinlets	2	1.2	26	71	108	20	1	122
50.9	Light gr, tuffaceous volcs. w barren qtz stringers.		SD1-38	49.95	51.35	tr. py	3	1.1	42	88	97	15	1	83

Depth	Description	Tectonic % C/A struct.Rec	Sample no.	From	To	Mineralization & Alteration	(ppb) Au	Ag	As	Ba	Cu	Pb	Sb	Zn
	Same as above. Graphitic													
	schist intercalated w tuff.		SD1-39	51.35	52.35		1	1.2	38	114	78	11	1	76
52.Ø	1Ø% qtz stringers. Shear.		SD1-4Ø	52.35	53.35		2	1.2	13	91	72	2Ø	1	72
52.5	Graphitic interval which													
	represents a shear zone.	5Ø top cont												
	Graphitic, tr py in arg.	9Ø lam												
52.9	laminae of variable C/A.	6Ø lr.cont												
	Interlam. tuff/graphite.		SD1-41	53.35	54.35	Py in arg lam	1	1.4	12	68	72	11	1	86
	Mineraliz contained within		SD1-42	54.35	55.78	Abun cubic py	1	1.2	31	73	67	18	1	53
	arg laminae, occ py blebs/		SD1-44	55.78	57.2Ø	Abun cubic py	1	Ø.8	23	69	87	19	1	6Ø
57.Ø	cubes < 2mm.													
	Blk/light gy graphitic unit		SD1-45	57.2Ø	58.7Ø	Abun cubic py Occ								
	Occasional qtz stringers w		SD1-47	58.7Ø	6Ø.2Ø	Py/cpy? stringers	1	1.6	29	69	87	14	1	1Ø7
61.2	py.		SD1-48	6Ø.2Ø	61.2Ø	mnr py	1	1.2	7	6Ø	48	1Ø	1	366
61.7	Decomposed, shear zone	2Ø lr.cont	SD1-49	61.2Ø	61.7Ø	abundant py	1	1.3	1	53	57	15	1	264
	Blk/light gy graphitic unit													
	Occasional qtz stringers w		SD1-43	66.5Ø	67.5Ø		2Ø	1.3	12	5Ø	25	14	1	4Ø3
68.Ø	py.	8Ø top con	SD1-5Ø	67.75	69.5Ø	decomposed	1	2.Ø	7	73	33	22	2	343
						mnr qtz,py								
	Fault sub-parallel to C/A.													
68.4	Qtz vein plus graphitic lam	2Ø bot con				Py blebs ≤.5cm								
	Same as above. V. fine blk	85-9Ø bdd	SD1-51	7Ø.75	71.75	abun dis py	2	1.1	6	66	7Ø	25	1	513
	graphitic unit. Rare qtz					Fine dis py								
8Ø.Ø	stringers.		SD1-52	78.62	8Ø.12	silic,mnr py	1	1.Ø	1	73	26	16	2	2Ø2
			SD1-46	8Ø.25	81.25		2Ø	1.Ø	4	99	34	21	1	4Ø2
	Brecciated zone, qtz matrix		SD1-53	81.25	83.5Ø	siliceous,mnr	3	Ø.8	9	1Ø4	42	24	1	366
	angular <1cm blk graphitic					py(5Ø%C.R.)								
	fragments.					Tr. py blebs								
81.7						≤ 3 mm.								

Depth	Description	Tectonic % C/A struct.Rec	Sample no.	From	To	Mineralization & Alteration	(ppb) Au	Ag	As	Ba	Cu	Pb	Sb	Zn
								ASSAY RESULTS - ppm						
86.85	Blk homogeneous graphitic unit same as above. Occ. pale tuffaceous laminations	85 bdg	SD1-55	83.50	84.50	V.silic.,abun py Tr py.	2	1.0	28	74	71	31	1	691
			SD1-56	86.40	87.40	V.silic.,abun py	1	0.8	27	73	25	23	2	104
86.88	Qtz vein appears barren.	90 lr cont												
94.6	Graphitic unit as above. 3 - 5% qtz stringers ≤ 2mm		SD1-57	87.40	88.15	V.silic.,abun py	2	0.8	39	72	31	21	1	53
			SD1-58	91.70	92.70	Poor py miner.	3	0.5	30	109	33	25	1	28
			SD1-59	92.70	93.70	Poor py miner.	1	0.6	25	81	45	25	1	20
95.7	Pale gy/gr tuffaceous inter bed. Top cont. ground.	60 lr cont	SD1-60	94.45	95.70	Poor py miner.	1	1.2	18	622	19	23	1	73
96.5	Graphitic unit as above.		SD1-54	95.7	96.50	Tr dis py	10	.8	13	44	21	14	1	31
97.0	Pale gy/gr tuffaceous unit, slightly calc. Light br interbedded tuff bands up to 10 cm, with 10 cm inter bedded graphitic laminae. Qtz stringers within graph. contain tr py.	80	SD1-61	96.90	97.90	Tr py in stringers	4	0.8	21	151	53	25	2	28
99.7	Blk graphitic schist unit w interbdd thin siliceous laminations.Occasional py blebs		SD1-63	97.90	99.40	Py blebs, Stringers.	3	1.0	20	88	53	30	2	24
100.3	Qtz vein contacts ground.					Tr py blebs.								
100.8	Dark gy tuff.		SD1-64	100.5	101.5	Tr dis'm py	5	0.9	24	60	21	27	3	22
			SD1-69	101.5	103.0	Tr dis'm py	8	0.8	24	67	46	19	2	93
111.0	Pale tuff laminae with graphitic unit as above. Occ qtz v'lets.	45 bdd 65	SD1-70	103.9	106.5	(50% CL)	10	0.8	15	72	47	20	2	158
			SD1-71	111.0	111.4	Tr dis'm py Py blebs	12	0.8	18	47	51	19	2	483
115.9	Graphitic unit as above. Increase in qtz stringers <2 cm with tr py. No preferred orientation. <10% qtz stringers overall.	variable CA	SD1-72	111.4	112.4	V.silic,mnr py	3	1.0	25	40	35	25	2	181
			SD1-73	112.4	113.4	V.silic,mnr py	8	1.2	1	42	38	30	1	526
			SD1-74	113.4	114.4	V.silic,mnr py	4	1.0	1	53	38	28	2	516
			SD1-75	114.4	115.7	V.silic,mnr py Tr py	9	0.9	21	41	28	24	2	46

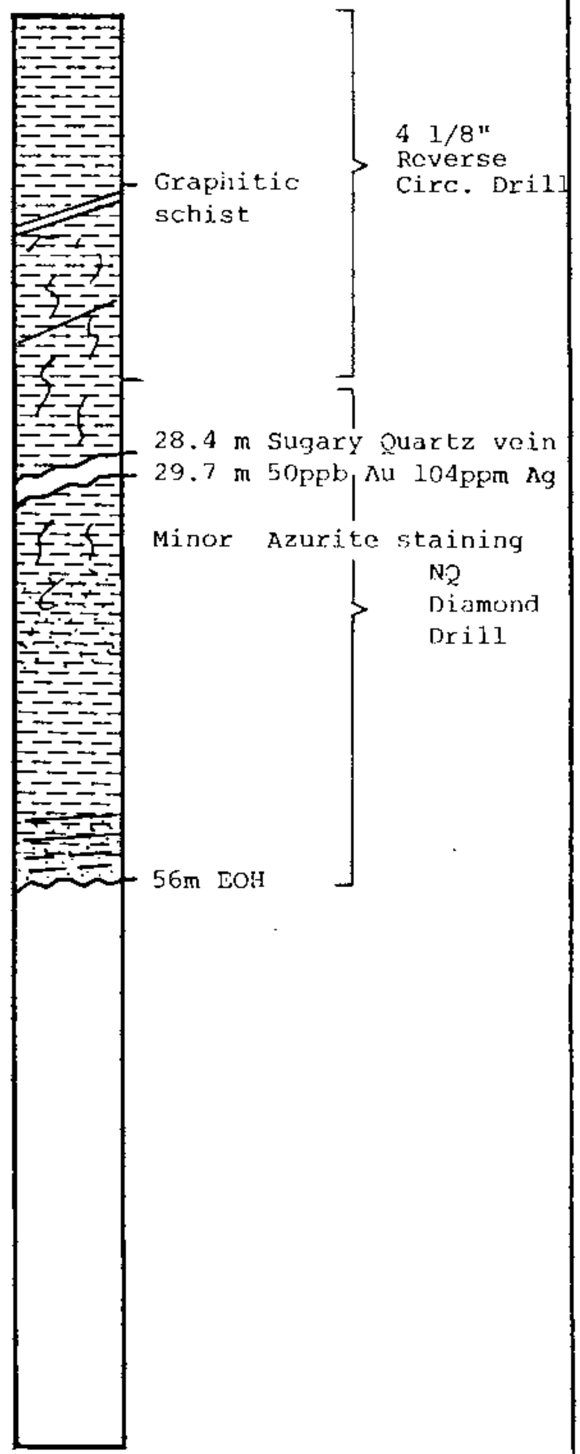
		Tectonic %	Sample			Mineralization	(ppb)	ASSAY RESULTS - ppm						
Depth	Description	C/A struct.Rec	no.	From	To	& Alteration	Au	Ag	As	Ba	Cu	Pb	Sb	Zn
	Graphitic unit,lamin,L	25 Top	SD1-76	115.7	117.2	Silic,<8%py in	2	0.8	27	97	47	22	1	59
	gy, w abundant py blebs	cont				qtz stringers								
118.7	<6%	45 bot												
		cont												
	Graphitic unit as above.		SD1-77	119.0	119.8	1 cm qtz vein	1	0.8	32	37	19	18	1	46
	Fault parallel to C/A with					with mnr py								
	minor < 1cm wide qtz vein													
	appears barren. Bottom very													
	silicified with 8% py.					8% py								
121.0	Minor py in graphite.	40 lam	SD1-78	120.5	121.5	8 cm qtz vein	16	0.8	52	53	93	27	2	118
						with mnr py								
123.7	Graphitic unit as above.	35 bdg	SD1-79	121.5	122.5	mnr qtz	4	0.8	21	67	42	23	1	357
						stringers								
	Interlayered light gy tuff		SD1-80	123.5	124.5	mnr qtz	2	0.8	19	53	22	19	1	166
	units 3-30 cm wide with		SD1-62	124.5	125.5	shear	20	1.4	9	69	35	11	1	186
	graphitic schist. Minor qtz	40 bdg	SD1-81	125.5	126.7	<10% qtz, <8%	17	0.7	15	60	34	21	2	88
	v'ing. Py blebs confined to					py blebs								
	graphitic/argillaceous lam,	45 lam	SD1-82	128.4	129.4	silic, mnr py	12	0.9	11	46	22	19	4	64
	lower incompetent portion		SD1-83	129.4	130.4	qtz stringers	2	1.0	1	49	54	28	3	211
130.4	represents a shear.					w mnr py								
	Tuff, light gy/gr, with		SD1-84	130.4	131.4	mnr hem st.	1	1.3	23	722	2	15	2	64
	minor qtz v'lets (< 2%).					Fine <2%								
133.7	Unit is chloritized.					dis'm po								
	Gr phyllite (massive) minor		SD1-85	136.0	137.0	mnr hem st.,	5	1.2	23	1669	24	14	2	75
	hem. staining, competent	80 parting				qtz stringers								
	friable unit. Minor part-		SD1-65	139.5	140.5		20	1.9	13	1507	8	25	1	135
145.4	ings throughout.													
	White,sugary quartz vein,		SD1-66	145.5	146.5	<6% cpy,	10	1.8	6	170	30	14	2	45
	with minor graphitic		SD1-67	146.5	147.5	mnr py	10	.9	10	42	24	20	1	47
	laminations.Upper and lower		SD1-68	147.5	148.5		20	.7	13	99	31	19	1	42
148.7	contacts obscured.													
	Gr phyllite (massive), with	45-60	SD1-86	148.5	149.5	mnr qtz string,	4	1.2	10	123	47	22	1	32
	equal interbeds of graphite	parting				& cpy blebs								
	unit possess argillic part-		SD1-87	149.5	150.5	mnr qtz,py	1	0.8	8	52	28	24	1	36
154.5	ings.		SD1-69	150.5	151.5	mnr qtz,py	8	0.8	24	67	46	19	2	93
			SD1-88	151.5	152.5	mnr qtz,py	2	0.5	13	90	48	19	1	75
	End of hole.													

DRILL HOLE LOG SUMMARY

HI-TEC
RESOURCE MANAGEMENT LTD.

Comments:

Company	Canova/Expeditor
Project No.	88-BC-052
Drill hole no.	88-SDD-2
Area/Township	Okanagan
Mining Division	Vernon
Claim Name	Skookum showing
N.T.S.	82-L/6W
Grid Reference	Line 1080E/4975N
Angle/Orientation	$-60^{\circ}/140^{\circ}$
Length	55.5 meters (182 ft)
Core size	4 1/8"RC to 23.2m/NQ to EOH
% Recovery	95%
Depth to Bedrock	0.4 meters
Lithology Fm Top	Graphitic schist
Lithology Fm Base	Graphitic schist
Date collared	December 4, 1988
Date completed	December 5, 1988
Dip Tests	N/A
No. of Samples	14 RC / 19 NQ
Sample Interval	1.5 RC/Variable NQ
Sample No's	From: 1801A SD2-1 To: 1814A SD2-19
Drilling Company	D.W. COATES
Logged by	J.Dahrouge/D.Collins



Scale of Summary log	1:500

HI-TEC RESOURCE MANAGEMENT LTD.

PROJECT : 88-BC-052 DRILL HOLE LOG NO. 88-SDD-002

Depth	Description	Tectonic C/A struct.	% Rec	Sample no.	From	To	Mineralization & Alteration	(ppb) Au	ASSAY RESULTS - ppm Ag	As	Ba	Cu	Pb	Sb	Zn
00.00	Collar Reverse Circulation														
22.86	Commence diamond drilling			SD2-1	22.86	23.86		1	0.6	26	53	35	21	1	39
				SD2-2	23.86	24.86		1	0.9	15	60	29	15	1	81
	Black graphitic schist.			SD2-3	23.86	24.86	Py fract fill	1	0.6	17	56	70	18	1	68
26.52	<3% sugary qtz veinlets.	45 veins		SD2-4	25.86	26.86	<5% py blebs Rx	3	1.0	11	53	29	16	1	46
28.65	Same as above. Qtz veinlets.	85 veins 55 bedding		SD2-5	26.86	28.53		1	0.6	13	58	39	12	1	91
29.56	As above. Includes one qtz vein, interval is <55% sugary white qtz veinlets	5-45 veins 30 bdg		SD2-6	28.43	29.69	Py in graph host <8% py in qtz vein.Rx.	50	104	76	42	7	398	1	648
30.17	Black graphitic schist as above. Minor qtz blebs.			SD2-7	29.99	30.99	<10% rx py blebs < 1 cm.	2	1.5	26	54	104	21	1	177
	Graphitic schist hosting			SD2-8	32.65	33.65	Minor azurite in	1	1.2	35	66	58	20	1	140
35.66	minor qtz veinlets (<3%). Base is semi-competent.	40 veins		SD2-9	35.25	36.25	qtz vein. Py <3%.	1	1.6	26	62	66	25	2	127
37.28	Competent-siliceous light grey graphitic schist/ argillite unit. Qtz vein-lets 2-5 CM	60 bdg 5-60veins		SD2-10	37.25	38.25	Abundant py. <3% Rx py.	2	1.2	20	60	32	22	2	177
37.79	White quartz vein.	ground					Minor py								
41.76	Competent graphitic unit. Minor qtz stringers. As above.	35 bdg					Minor py								
	Graphitic unit with minor interbedded incompetent	85 bdg		SD2-11	42.80	43.80	Abundant qtz & py blebs	2	1.0	9	60	40	16	1	264
	sections. Abundant (<8%) qtz stringers < 1 cm.			SD2-12	43.80	44.30	≤ 6% py.	1	1.0	10	60	57	19	1	172
	Graphitic unit with qtz			SD2-13	48.50	49.50	Minor py	1	1.2	15	47	45	16	1	307
	stringers as above.			SD2-14	50.25	51.25	"	2	0.8	17	53	49	13	1	243
52.25				SD2-15	51.25	52.25	"	1	0.8	12	73	31	21	2	298

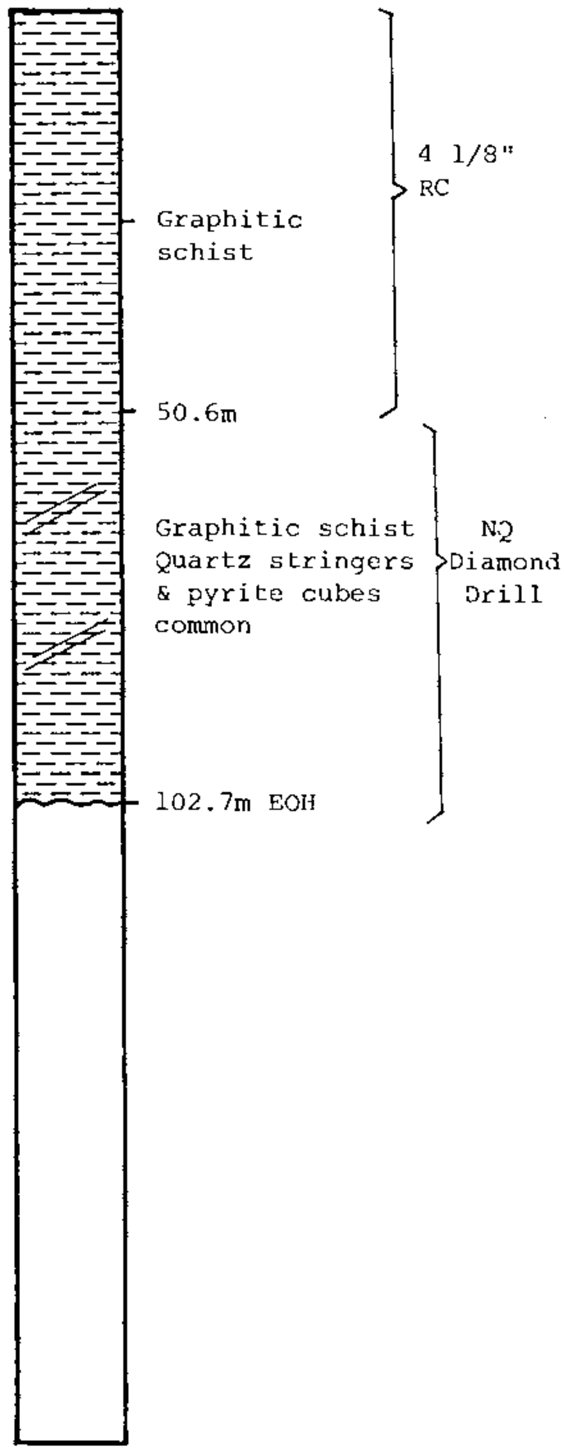
Depth	Description	Tectonic C/A struct.	% Rec	Sample no.	From	To	Mineralization & Alteration	(ppb) Au	ASSAY RESULTS - ppm Ag	As	Ba	Cu	Pb	Sb	Zn
53.25	Incompetent black graphitic unit.			SD2-16	52.25	53.25	Minor py.	2	1.0	4	70	56	12	1	441
	Laminated light grey graphitic unit. Minor qtz veinlets.	80 Bdg		SD2-17	53.25	54.25	"	2	0.8	6	54	33	15	1	186
				SD2-18	54.25	55.25	"	1	1.0	9	46	48	17	1	372
57.00				SD2-19	55.25	57.00	"	1	1.2	6	51	76	16	1	891
	End of Hole														

NI-TEC RESOURCE MANAGEMENT LTD.

DRILL HOLE LOG SUMMARY

Company	Canova/Expeditor
Project No.	88-BC-052
Drill hole no.	88-SDD-3
Area/Township	Okanagan
Mining Division	Vernon
Claim Name	Skookum showing
N.T.S.	82-L/6W
Grid Reference	Line 1195E/5300N
Angle/Orientation	$-45^{\circ}/130^{\circ}$
Length	103 meters (339 feet)
Core size	4 1/8"RC to 50.6m/NQ to EOH
% Recovery	95%
Depth to Bedrock	0.4 meters
Lithology Fm Top	Graphitic schist
Lithology Fm Base	Graphitic schist
Date collared	December 7, 1988
Date completed	December 13, 1988
Dip Tests	N/A
No. of Samples	29RC / 20NQ
Sample Interval	1.5 RC/ 20 NQ
Sample No's	From: 1989A 45001A SD3-1 To: 1999A 45017A SD3-20
Drilling Company	D.W. COATES
Logged by	J.Dahrouge/D.Collins

Comments:



Scale of Summary log	1:1000

HI-TEC
RESOURCE MANAGEMENT LTD.

PROJECT : 88-BC-052 DRILL HOLE LOG NO. 88-SDD-003

Depth	Description	Tectonic C/A struct.	% Rec	Sample no.	From	To	Mineralization & Alteration	(ppb) Au	Ag	As	Ba	Cu	Pb	Sb	Zn
00.00	Collar Reverse circulation														
50.61	Commence diamond drilling														
51.51	Graphite, dk grey, black w minor quartz and pyrite, unit is competent.	90 lam 50% CR													
52.51	Graphite, l grey, partly silicified, semi-competent cubic py (<5mm)	90 lam		SD3-01	51.51	52.51	<5% py	1	1.1	22	91	42	18	1	109
53.00	Graphite, dk grey, black partly silicified, partly silicified alon lamination	50 lam		SD3-02	52.51	53.51	abun py	1	1.2	17	95	41	15	1	77
53.25	Graphite, l grey, cubic py	25 upper shear cont													
58.40	Graphite, black, semi - competent to competent cubic pyrite (<5mm)	40 lam 10 clevage		SD3-03	53.51	55.01	<6% py w mnr qtz blebs and stringers	16	1.4	5	122	48	11	1	102
64.77	Graphitic shist, l grey, laminated, with quartz stringers parralel to bedding, minor dark banding (up to 20 mm)	30-40 bdd/lam		SD3-04	60.55	61.55	<8% quartz veinlets, <4% py	3	1.3	13	104	49	16	1	73
68.95	Same as above, with cubic pyrite, and minor quartz stringers and blebs along bedding	25-30 bdd		SD3-05	67.20	67.95	<6% py, <4% quartz	1	1.9	19	79	31	24	4	56
				SD3-06	67.95	68.95	<6% py, <4% quartz	3	1.0	4	127	61	13	1	59
71.30	Graphite, black, with quartz stringers and bleb along bedding, cubic pyrite (<20 mm)	25 top cont/lam 15 bot cont/lam		SD3-07	68.95	69.95	<8% py, <6% quartz	6	1.5	18	115	63	13	3	224
				SD3-08	69.95	71.05	<8% py,qtz	2	1.0	6	115	54	15	3	239

Depth	Description	Tectonic C/A struct.	% Rec	Sample no.	From	To	Mineralization & Alteration	(ppb) Au	ASSAY RESULTS - ppm Ag	As	Ba	Cu	Pb	Sb	Zn
73.20	Graphite, black, l grey, strongly silicified and competent unit with cubic pyrite,quartz blebs and stringers, minor folding	35 lam 0 @ 72.20 fold axis		SD3-09	72.20	73.20	<9% qtz,<8% py	2	.9	4	103	50	11	2	94
76.35	Graphite, black, mineralization along bedding, semi competent to comp.	30 top cont 0 @ 74.20 fold axis		SD3-10	73.20	74.20	<3% py, mnr qtz blebs, stringers	14	1.2	6	99	60	12	1	189
76.50	Same as above with abundant quartz stringers	30 lam													
78.84	Same as above , but competent unit	60 bot cont fault plane non-def'm		SD3-11	78.50	79.25	<8% qtz, <8% py	1	1.6	15	102	105	14	3	164
79.84	Same as above, but including 3 cm quartz vein, non mineralized			SD3-12	79.25	80.25	<10% py along frac mnr qtz blebs, stringers	3	1.3	14	105	73	13	1	76
81.99	Banded graphite, l grey black, quartz stringers and blebs along bedding cubic pyrite,occasional quartz veinlets (<1 cm)	30 lam													
82.24	Graphite, black, and competent, with quartz blebs parallel to bedding	40 lam		SD3-13	81.99	82.24	<15% cubic py, <8% qtz blebs	2	1.5	2	115	79	14	3	352
84.75	Same as above.	25 lam													
85.70	Graphite, l grey, incompetent, quartz and pyrite blebs	25 bot contact		SD3-14	84.75	85.75	<6% py, qtz	1	1.3	21	98	36	15	3	135
88.00	Graphite, black and competent, with quartz blebs parrallel to bedding			SD3-15	87.95	88.70	<8% py, qtz	2	1.4	5	97	73	14	3	85

Depth	Description	Tectonic C/A struct.	% Rec	Sample no.	From	To	Mineralization & Alteration	(ppb) Au	ASSAY RESULTS - ppm Ag	As	Ba	Cu	Pb	Sb	Zn
88.75	Graphite, strongly deformed with quartz stringers and blebs, cubic pyrite assoc w quartz blebs														
88.29	Fault zone, l grey, buff, v fine grained matrix, competent unit, with abundant rose quartz and associated pyrite/galena mineralization	50 top cont 80 bot cont		SD3-16	87.70	88.35	<8% dis py mnr v.fn.dis. gal <6% rose qtz	22	1.5	13	153	2	13	6	79
92.25	Graphite, black, occasional veinlets (<25 mm), quartz stringers and blebs, pyrite blebs and fracture fill	50 - 55 lam/bdd		SD3-17	88.35	88.45	<9% py, <8% qtz blebs stringers	8	1.1	3	103	57	9	5	94
92.75	Graphite, black, incompetent shear zone, pyrite fracture fill and blebs, minor quartz			SD3-18	92.25	92.75	<12% py, qtz	1	1.2	2	104	85	22	6	516
93.50	Graphite, black, strongly deformed, quartz stringers, veinlets and blebs, pyrite blebs assoc. with quartz stringers and veinlets	CA variable		SD3-19	92.75	93.50	<15% qtz, <10 % py	3	2.1	28	75	98	84	4	331
93.75	Graphite, black, laminated, minor quartz stringers and blebs, cubic pyrite, competent unit.	35 lam					<10% py, <5% qtz								
101.13	Graphite, black, competent, unit shows plastic def'm, quartz blebs and minor stringers along laminations	0 - 60 lam					<5% qtz, <6% py								
101.60	Graphite, l grey, black, quartz blebs and stringers cubic pyrite	55 top cont 65 lam					<6% qtz <6% py								
102.70	Graphite, dk black, competent, quartz blebs, minor stringers, pyrite blebs			SD3-20	101.7	102.7	<8% qtz, <6% py	5	1.8	5	144	74	16	2	232
	End of hole.														

APPENDIX VI

RC SAMPLE DESCRIPTIONS AND SAMPLE INTERVALS

HOLE #	AZIMUTH/ANGLE	LENGTH	LOCATION	SAMPLES
88-SDD-001	$140^0/-45^0$	(507')154.5m	L 975E; 5015N	88
88-SDD-002	$140^0/-60^0$	(76')23.2m(RC)	L1080E; 4975N	14
SDD-002	Combined hole	(106')32.3m(DD)		19
88-SDD-003	$130^0/-45^0$	(164')49.98m(RC)	L1195E; 5300N	29
	Combined hole	(174')53.03m(DD)		20
88-SRC-001	$140^0/-45^0$	(446')135.93m	L1050E; 5095N	91
88-SRC-002	$140^0/-45^0$	(446')135.93m	L1160E; 5155N	87
88-SRC-004	$150^0/-45^0$	(426')129.84m	L 997E; 5055N	83
88-SRC-005	$270^0/-45^0$	(136') 41.45m	L1005E; 5000N	24

TOTAL DIAMOND DRILLED 239.84 Meters (787 feet)

TOTAL ROTARY DRILLED 516.38 Meters (1694 feet)

TOTAL NUMBER OF SAMPLES 455

Date Start: Dec. 4/88 Hole:88-SDD-002
Date Finish: Dec. 5/88 Total Length: 55.47 m

SAMPLE #	**INTERVAL (M)** From	To	**WIDTH** (M)	**DESCRIPTION**
1801 A	1.52	3.05	1.52	Arg/grap br/gy med/f grained
1802 A	3.05	4.57	1.52	Arg/grap br/gy med/f grained
1803 A	4.57	6.10	1.52	Grap. dk gy minor py/qtz
1804 A	6.10	7.62	1.52	Arg/grap blk/dk gy minor py/qtz
1805 A	7.62	9.14	1.52	Grap. blk/dk gy f/m grained
1806 A	9.14	10.67	1.52	Arg/grap br/gy f grained
1807 A	10.67	12.19	1.52	Grap. blk minor py f grained
1808 A	12.19	13.72	1.52	Grap. blk minor py f grained
1809 A	13.72	15.24	1.52	Grap. blk minor py f grained
1810 A	15.24	16.76	1.52	Grap. L. gy minor py f grained
1811 A	16.76	18.29	1.52	Grap. L. gy f grained
1812 A	18.29	19.81	1.52	Grap. blk f grained
1813 A	19.81	21.33	1.52	Grap. L. gy minor qtz/py f "
1814 A	21.33	22.86	1.52	Grap. L. gy minor qtz/py f "

14 samples collected.

END REVERSE CIRC BEGIN DD

Date Start: Dec. 7/88
Date Finish: Dec. 13/88

Hole: 88-SDD-003
Total Length: 103.01 m

SAMPLE #	INTERVAL (M) From	To	WIDTH (M)	DESCRIPTION
1989 A	6.40	7.92	1.52	Graph/arg blk/L gr,m/c gd,<3% qtz,<1% py
1990 A	7.92	9.45	1.52	Graph/arg blk/ gr,m/c gd,3% qtz,2% py/po
1991 A	9.45	10.97	1.52	Graph/arg L gy, f/c gd, <3% qtz,<1% py
1992 A	10.97	12.50	1.52	Graph/arg L gy, f/c gd, <3% qtz,<1% py
1993 A	12.50	14.02	1.52	Graph/arg L gy, f gd
1994 A	14.02	15.54	1.52	Graph/arg L gy, f/c gd
1995 A	15.54	17.07	1.52	Graph/arg L gy, f/c gd
1996 A	17.07	18.59	1.52	Graph/arg L/dk gy, f/m gd, mnr qtz
1997 A	18.59	20.12	1.52	Graph/arg L/dk gy, f/m gd
1998 A	20.12	21.64	1.52	Graph blk, f gd, <4% py
1999 A	21.64	23.16	1.52	Graph blk, f/m gd, <2% qtz
2000 A	23.16	24.69	1.52	Graph blk, f gd, <2% qtz
45001A	24.69	26.21	1.52	Graph blk/dk gy, f gd, <2% py, mnr qtz
45002A	26.21	27.74	1.52	Graph blk, f/c gd, <2% qtz,<4% py
45003A	27.74	29.26	1.52	Graph blk, f gd, <6% py
45004A	29.26	30.78	1.52	Graph blk, f gd, <4% py
45005A	30.78	32.31	1.52	Graph blk, f gd, <4% py
45006A	32.31	33.83	1.52	Graph blk, f gd, <3% py
45007A	33.83	35.36	1.52	Graph blk, f gd, <1% qtz,<4% py
45008A	35.36	36.88	1.52	Graph blk, f gd
45009A	36.88	38.40	1.52	Graph blk, f/m gd, <3% py
45010A	38.40	39.93	1.52	Graph blk/dk gy, f gd, <6% py
45011A	39.93	41.45	1.52	Graph blk/dk gy, f gd, <4% py, mnr qtz
45012A	41.45	42.97	1.52	Graph dk gy, f/c gd, <4% py, mnr qtz
45013A	42.97	44.50	1.52	Graph dk gy, f/c gd, <3% py, mnr qtz
45014A	44.50	46.02	1.52	Graph L gy, f/m gd, <3% py, <3% qtz
45015A	46.02	47.55	1.52	Graph L gy, f gd
45016A	47.55	49.07	1.52	Graph blk/dk br, f/c gd, <3% py
45017A	49.07	50.61	1.54	Graph L to dk gy, f/c gd

Date Start: Dec. 3/88
Date Finish: Dec. 4/88

Hole: 88-SRC-001
Total Length: 135.93 m

SAMPLE #	INTERVAL (M) From	To	WIDTH (M)	DESCRIPTION
14525 A	2.13	3.05	0.91	Andes. L. br, med grained
14526 A	3.05	3.96	0.91	Andes. L. br, med grained
14527 A	3.96	4.88	0.91	Andes. L. br, med grained
14528 A	4.88	5.79	0.91	Andes. L. br, med grained
14529 A	5.79	6.71	0.91	Andes/Arg. L. br/gy
14530 A	6.71	7.62	0.91	Arg/grap/tuff, L. gy, med f.grained
14531 A	7.62	8.53	0.91	Arg/grap/tuff, L.gy, f.grained
14532 A	8.53	9.45	0.91	Arg/grap/tuff, L.gy, f.grained
14533 A	9.45	10.36	0.91	Arg/grap/tuff, L.gy, f.grained
14534 A	10.36	11.28	0.91	Arg/grap/tuff, L.gy, v f.grained
14535 A	11.28	12.19	0.91	Arg/grap/tuff, L.gy, f.grained
14536 A	12.19	14.02	1.83	Arg/grap/tuff, L.gy, f.grained
14537 A	14.02	15.54	1.52	Arg/grap/tuff, L.gy, f.grained
NS	15.54	17.07	1.52	
14538 A	17.07	18.59	1.52	Grap/minor tuff,L.gy f.grained
14539 A	18.59	20.12	1.52	Grap/minor tuff,L.gy f.grained
14540 A	20.12	21.64	1.52	Grap/minor tuff,L.gy f.grained
14541 A	21.64	23.16	1.52	Grap/minor tuff,L.gy f.grained
14542 A	23.16	24.69	1.52	Grap/minor tuff,L.gy f.grained
14543 A	24.69	26.21	1.52	Grap white/gy minor qtz f.grained
14544 A	26.21	27.74	1.52	Grap. dk gy minor py/po "
14545 A	27.74	29.26	1.52	Grap. dk gy minor py/po/qtz
14546 A	29.26	30.78	1.52	Grap. dk gy minor qtz f/m grained
14547 A	30.78	32.31	1.52	Grap. dk gy abundant po f "
14548 A	32.31	33.83	1.52	Grap. blk/dk gy minor py " "
14549 A	33.83	35.36	1.52	Grap. blk/dk gy minor py " "
14550 A	35.36	36.88	1.52	Grap. blk/dk gy minor py/qtz "
14551 A	36.88	38.40	1.52	Grap. blk/dk gy minor py f grained
14552 A	38.40	39.93	1.52	Grap. blk/dk gy minor py " "
14553 A	39.93	41.45	1.52	Grap. blk/dk gy minor py " "
14554 A	41.45	42.97	1.52	Grap. blk/dk gy minor py " "
14555 A	42.97	44.50	1.52	Grap. blk/dk gy minor py " "
14556 A	44.50	46.02	1.52	Grap. med gy minor qtz/py f "
14557 A	46.02	47.55	1.52	Grap. med gy minor py " "
14558 A	47.55	49.07	1.52	Grap. blk minor py f grained
14559 A	49.07	50.59	1.52	Grap. L. gy minor py f grained
14560 A	50.59	52.12	1.52	Grap. blk minor py/qtz f/m grained
14561 A	52.12	53.64	1.52	Grap. blk minor py/qtz f/m grained
14562 A	53.64	55.17	1.52	Grap. blk minor py/qtz f grained
14563 A	55.17	56.69	1.52	Grap. med gy minor qtz f grained
14564 A	56.69	58.21	1.52	Grap. blk minor py/qtz f/m grained
14565 A	58.21	59.74	1.52	Grap. blk minor py/qtz f/m grained
14566 A	59.74	61.26	1.52	Grap. blk minor py f grained
14567 A	61.26	62.79	1.52	Grap. blk/dk gy minor py " "
14568 A	62.79	64.31	1.52	Grap. L. gy minor qtz f grained
14569 A	64.31	65.83	1.52	Grap. L. gy minor qtz f grained
14570 A	65.83	67.36	1.52	Grap. L. gy minor qtz/py f grained
14571 A	67.36	68.88	1.52	Grap. L. gy minor qtz/py f grained

SAMPLE #	INTERVAL (M) From	To	WIDTH (M)	DESCRIPTION
14572 A	68.88	70.41	1.52	Grap. L. gy minor qtz/py f grained
14573 A	70.41	71.93	1.52	Grap. med gy minor qtz f grained
14574 A	71.93	73.45	1.52	Grap. L. gy minor qtz f grained
14575 A	73.45	74.98	1.52	Grap. L. gy minor qtz f grained
14576 A	74.98	76.50	1.52	Grap. L. gy minor qtz f grained
14577 A	76.50	78.02	1.52	Grap. L. gy minor qtz f grained
14578 A	78.02	79.55	1.52	Grap. med gy minor qtz f grained
14579 A	79.55	81.07	1.52	Grap. med gy minor qtz f grained
14580 A	81.07	82.60	1.52	Grap. med gy minor qtz f grained
14581 A	82.60	84.12	1.52	Grap. med gy minor qtz abund. py
14582 A				
14583 A				
14584 A	Tags void			
14585 A				
14586 A				
14587 A	84.12	85.64	1.52	Grap. blk/dk gy f grained
14588 A	85.64	87.17	1.52	Grap. blk/dk gy f grained
14589 A	87.17	88.69	1.52	Grap. blk/dk gy minor py/qtz
14590 A	88.69	90.22	1.52	Grap. blk/dk gy minor py/qtz
14591 A	90.22	91.74	1.52	Grap. blk/dk gy minor py/qtz
14592 A	91.74	93.26	1.52	Grap. L. gy minor qtz abund. py
14593 A	93.26	94.79	1.52	Grap. blk minor py f grained
14594 A	94.79	96.31	1.52	Grap. med gy < 3% py f grained
14595 A	96.31	97.84	1.52	Grap. blk/dk gy minor qtz abund py
14596 A	97.84	99.36	1.52	Grap. med gy minor qtz/py vf grained
14597 A	99.36	100.88	1.52	Grap. L. gy minor qtz/py f grained
14598 A	100.88	102.48	1.52	Grap. L. gy abund qtz f grained
14599 A	102.48	103.91	1.52	Grap. dk gy minor qtz/py f/m grained
14600 A	103.91	105.43	1.52	Grap. L. gy minor qtz abund py
1751 A	105.46	106.96	1.52	Grap. L. gy minor qtz/py f grained
1752 A	106.96	108.58	1.52	Grap. L. gy minor py f grained
1753 A	108.58	110.00	1.52	Grap/Qtz v, L. gy/white minor py/cpy
1754 A	110.00	111.53	1.52	Grap. blk minor qtz < 4% py
1755 A	111.53	113.05	1.52	Grap. blk minor qtz < 4% py
1756 A	113.05	114.68	1.52	Grap. blk minor qtz < 4% py
1757 A	114.68	116.10	1.52	Grap. med gy minor py f grained
1758 A	116.10	117.62	1.52	Grap. L. gy minor qtz/py f grained
1759 A	117.62	119.15	1.52	Grap. dk gy minor py f grained
1760 A	119.15	120.67	1.52	Grap. L. gy minor qtz/py f grained
1761 A	120.67	122.29	1.52	Grap. blk f grained
1762 A	122.29	123.72	1.52	Grap. blk f grained
1763 A	123.72	125.24	1.52	Grap. blk f grained
1764 A	125.24	126.77	1.52	Grap. blk f grained
1765 A	126.77	128.39	1.52	Grap. blk minor qtz f grained
1766 A	128.39	129.81	1.52	Grap. blk 6% qtz 2% py
1767 A	129.81	131.34	1.52	Grap. blk < 4% qtz
1768 A	131.34	132.86	1.52	Grap. blk minor qtz f grained
1769 A	132.86	134.49	1.52	Grap. blk f grained
1770 A	134.49	135.91	1.52	Grap. blk f grained

EOH 1 91 samples collected.

Date Start: Dec. 5/88 Hole: 88-SRC-002
Date Finish: Dec. 6/88 Total Length:135.93 m

SAMPLE #	INTERVAL (M) From	To	WIDTH (M)	DESCRIPTION
	0.00	1.83	1.83	Casing
1901 A	1.83	3.35	1.52	Arg/grap br/L.gy f/c grained, py
1902 A	3.35	4.88	1.52	Arg br f/c grained (gd)
1903 A	4.88	6.40	1.52	Grap. L. gy f/c grained
1904 A	6.40	7.92	1.52	Grap. L. gy f/c grained, qtz
1905 A	7.92	9.45	1.52	Grap. L. gy f grained
1906 A	9.45	10.97	1.52	Grap. dk gy f/c grained, tr qtz
1907 A	10.97	12.50	1.52	Graph/Arg blk/br,f/c gd,4% qtz,2% py
1908 A	12.50	14.02	1.52	Graph/Arg blk/br,f/c gd,4% qtz,2% py/cpy?
1909 A	14.02	15.54	1.52	Graph/Arg blK/br,f/m gd,4% qtz,2% py/cpy?
1910 A	15.54	17.07	1.52	Graph blk, f/m gd,4% qtz,2% py
1911 A	17.07	18.59	1.52	Graph blk, f/m gd,3% qtz,2% py,po,ntv.Ag?
1912 A	18.59	20.12	1.52	Graph blk, f gd, minor qtz,3% py
1913 A	20.12	21.64	1.52	Graph blk, f/m gd, minor qtz,<3% py
1914 A	21.64	23.16	1.52	Graph blk, f gd, <4% py
1915 A	23.16	24.69	1.52	Graph blk, f gd, minor qtz/py
1916 A	24.69	26.21	1.52	Graph blk, f gd, <4% py
1917 A	26.21	27.74	1.52	Graph blk, f gd, <2% py
1918 A	27.74	29.26	1.52	Graph blk, f gd, minor qtz/py
1919 A	29.26	30.78	1.52	Graph blk, f gd, minor qtz/py
1920 A	30.78	32.31	1.52	Graph blk, f gd, minor py
1921 A	32.31	33.83	1.52	Graph blk, f gd, minor py
1922 A	33.83	35.36	1.52	Graph blk, f gd, minor py
1923 A	35.36	36.88	1.52	Graph blk, f gd, minor qtz,<5% py
1924 A	36.88	38.40	1.52	Graph blk, f/c gd, <3% qtz,<3% py
1925 A	38.40	39.93	1.52	Graph blk, f/c gd, <3% qtz,<3% py
1926 A	39.93	41.45	1.52	Graph blk, f/m gd, <3% qtz,<3% py
1927 A	41.45	42.97	1.52	Graph blk, f/m gd, <3% qtz,<3% py
1928 A	42.97	44.50	1.52	Graph/tuff? L gy, f/m gd, <3% qtz,<3% py
1929 A	44.50	46.02	1.52	Graph/tuff? L gy, f/m gd, <3% qtz,<3% py
1930 A	46.02	47.55	1.52	Graph/tuff? L gy, f/c gd, <4% qtz,<3% py
1931 A	47.55	49.07	1.52	Graph blk, f gd, <2% py
1932 A	49.07	50.59	1.52	Graph blk, f gd, <2% py
1933 A	50.59	52.12	1.52	Graph blk, f/c gd, <4% qtz,<4% py
1934 A	52.12	53.64	1.52	Graph blk, f/c gd, <4% qtz,<4% py
1935 A	53.64	55.17	1.52	Graph blk, f/c gd, <1% qtz,<1% py
1936 A	55.17	56.69	1.52	Graph blk, f gd, <3% py
1937 A	56.69	58.21	1.52	Graph blk, f/c gd, <1% qtz,<3% py
1938 A	58.21	59.74	1.52	Graph L gy, f/m gd, <4% qtz,<8% py
1939 A	59.74	61.26	1.52	Graph L gy, f/m gd, <3% qtz,<6% py
1940 A	61.26	62.79	1.52	Graph L gy, f/m gd, <4% qtz,<8% py
1941 A	62.79	64.31	1.52	Graph L gy, f/m gd, <4% qtz,<8% py
1942 A	64.31	65.83	1.52	Graph L gy, f/m gd, <4% qtz,<8% py
1943 A	65.83	67.36	1.52	Graph L gy, f/m gd, <4% qtz,<8% py
1944 A	67.36	68.88	1.52	Graph L gy, f/m gd, <4% qtz,<4% py
1945 A	68.88	70.41	1.52	Graph L gy, f/m gd, <3% qtz,<3% py
1946 A	70.41	71.93	1.52	Graph/arg L gy/br, f/c gd, <3% qtz,<1% py
1947 A	71.93	73.45	1.52	Graph/arg L gy/br, f/c gd, <3% qtz,<1% py
1948 A	73.45	74.98	1.52	Graph/arg L gy/br, f gd, <3% qtz

SAMPLE #	INTERVAL (M) From	To	WIDTH (M)	DESCRIPTION
1949 A	74.98	76.50	1.52	Graph L gy/br, f/c gd, <2% qtz
1950 A	76.50	78.02	1.52	Graph L gy/br, f/c gd, <2% qtz
1951 A	78.02	79.55	1.52	Graph L gy, f/m gd, <4% qtz,<1% py
1952 A	79.55	81.07	1.52	Graph L gy, f/c gd, <6% qtz,<2% py
1953 A	81.07	82.60	1.52	Graph L gy, f/c gd, <6% qtz,<2% py
1954 A	82.60	84.12	1.52	Graph blk/gy, f/c gd, <6% qtz,<4% py
1955 A	84.12	85.64	1.52	Graph blk/gy, f/c gd, <8% qtz,<4% py
1956 A	85.64	87.17	1.52	Graph blk, f/c gd, <6% qtz,<3% py
1957 A	87.17	88.69	1.52	Graph blk, f/c gd, <6% qtz,<3% py
1958 A	88.69	90.22	1.52	Graph blk, f gd
1959 A	90.22	91.74	1.52	Graph blk, f gd
1960 A	91.74	93.26	1.52	Graph blk, f gd
1961 A	93.26	94.79	1.52	Graph blk, f gd
1962 A	94.79	96.31	1.52	Graph blk, f gd, <2% qtz,<6% py
1963 A	96.31	97.84	1.52	Graph blk, f gd
1964 A	97.84	99.36	1.52	Graph blk, f gd
1965 A	Sample not collected			
1966 A	100.88	102.41	1.52	Graph blk, f gd, <3% qtz,<2% py
1967 A	102.41	103.93	1.52	Graph blk, f gd, <3% qtz,<2% py
1968 A	103.93	105.46	1.52	Graph blk, f gd, <3% qtz,<2% py
1969 A	105.46	106.98	1.52	Graph blk/gy, f/m gd, <2% qtz,<2% py
1970 A	106.98	108.50	1.52	Graph blk/gy, f/m gd, <2% qtz,<2% py
1971 A	108.50	110.03	1.52	Graph/Arg L. gy f grained,2% qtz,2% py
1972 A	110.03	111.55	1.52	Graph/Arg dk gy/gr f gd,2% qtz,2% py
1973 A	111.55	113.08	1.52	Graph L. gy f grained
1974 A	113.08	114.60	1.52	Graph L. gy f grained, minor py
1975 A	114.60	116.12	1.52	Graph L. gy f grained, minor qtz
1976 A	116.12	117.65	1.52	Graph L. gy f grained, minor py/qtz
1977 A	117.65	119.17	1.52	Graph blk, f/m gd,3% py
1978 A	119.17	120.69	1.52	Graph blk, f/m gd,2% qtz,1% py
1979 A	120.69	122.22	1.52	Graph blk, f/c gd,3% qtz
1980 A	122.22	123.74	1.52	Graph blk, f/c gd,3% qtz
1981 A	123.74	125.27	1.52	Graph/tuff? L gy, v f gd, <1% py
1982 A	125.27	126.79	1.52	Graph/tuff? L gy, v f gd, <1% py
1983 A	126.79	128.31	1.52	Graph/phyll.dk gy/gr,f gd,<2% py,5%py/cpy
1984 A	128.31	129.84	1.52	Graph/phyll.dk gy/gr,f gd,<2% py,5%py/cpy
1985 A	129.84	131.36	1.52	Graph blk, f/m gd, <1% qtz, 3%py
1986 A	131.36	132.89	1.52	Graph blk, f/m gd, <1% qtz, 2%py
1987 A	132.89	134.41	1.52	Graph blk, f grained, <2%py
1988 A	134.41	135.93	1.52	Graph blk, f grained, <1%py
EOH	87 samples collected.			

Date Start: Dec. 13/88
Date Finish: Dec. 14/88

Hole: 88-SRC-004
Total Length: 129.84 m

SAMPLE #	INTERVAL (M) From	To	WIDTH (M)	DESCRIPTION
45151A	3.35	4.88	1.52	Ands/tuff L br/gy f/m grained
45152A	4.88	6.40	1.52	Ands/tuff L br/gy f/c grained
45153A	6.40	7.92	1.52	Ands/tuff/mnr graph L br/gy f/m grained
45154A	7.92	9.45	1.52	Ands/tuff L br/gy f grained mnr qtz
45155A	9.45	10.97	1.52	Ands/arg L gy f grained
45156A	10.97	12.50	1.52	Ands/arg L gy f grained
45157A	12.50	14.02	1.52	Ands/arg L gy f grained
45158A	14.02	15.54	1.52	Ands/arg L gy f grained
45159A	15.54	17.07	1.52	Ands/arg L gy v f grained
45160A	17.07	18.59	1.52	Ands/arg L gy v f grained
45161A	18.59	20.12	1.52	Ands/arg L gy v f grained
45162A	20.12	21.64	1.52	Ands/arg L gy v f grained
45163A	21.64	23.16	1.52	Graph blk, f/m gd, minor qtz/py
45164A	23.16	24.69	1.52	Graph blk, f/m gd, minor qtz/py
45165A	24.69	26.21	1.52	Graph blk, f/m gd, minor qtz/py
45166A	26.21	27.74	1.52	Graph blk, f gd, <3% qtz/py
45167A	27.74	29.26	1.52	Graph blk, f/m gd, minor qtz/py
45168A	29.26	30.78	1.52	Graph blk, f/m gd, minor qtz/py
45169A	30.78	32.31	1.52	Graph blk, f/m gd, minor qtz/py
45170A	32.31	33.83	1.52	Graph blk, f/m gd, minor qtz/<3% py
45171A	33.83	35.36	1.52	Graph blk, f/m gd, minor qtz/<3% py
45172A	35.36	36.88	1.52	Graph blk, f/m gd, minor qtz/<4% cubic py
45173A	36.88	38.40	1.52	Graph blk, f/m gd, minor qtz/<4% cubic py
45174A	38.40	39.93	1.52	Graph blk, f/m gd, minor qtz/py
45175A	39.93	41.45	1.52	Graph blk, f/c gd, minor qtz/<4% py
45176A	41.45	42.97	1.52	Graph blk, f/m gd, minor qtz/<3% py
45177A	42.97	44.50	1.52	Graph blk, f/c gd, <3% qtz/py
45178A	44.50	46.02	1.52	Graph blk, f/c gd, <3% qtz/py
45179A	46.02	47.55	1.52	Graph blk, f/m gd, minor qtz/<4% py
45180A	47.55	49.07	1.52	Graph blk, f gd, minor qtz/<3% py
45181A	49.07	50.59	1.52	Graph blk, f gd, minor qtz/<3% py
45182A	50.59	52.12	1.52	Graph blk, f gd, minor qtz/<3% py
45183A	52.12	53.64	1.52	Graph blk, f/m gd, <2% qtz,<4% py
45184A	53.64	55.17	1.52	Graph blk, f gd, minor qtz,<3% py
45185A	55.17	56.69	1.52	Graph blk/dk gy, f/m gd, minor qtz/py
45186A	56.69	58.21	1.52	Graph blk/dk gy, f gd, minor qtz/py
45187A	58.21	59.74	1.52	Graph dk gy, f gd, minor py
45188A	59.74	61.26	1.52	Graph gy, f grained
45189A	61.26	62.79	1.52	Graph gy, f grained, minor qtz
45190A	62.79	64.31	1.52	Graph L gy, f gd, minor qtz/py
45191A	64.31	65.83	1.52	Graph gy, f/m gd, minor qtz,<3% py
45192A	65.83	67.36	1.52	Graph dk gy, f gd, minor py
45193A	67.36	68.88	1.52	Graph blk, f/m gd, <2% qtz,<4% py
45194A	68.88	70.41	1.52	Graph blk, f/c gd, <2% qtz,<4% py
45195A	70.41	71.93	1.52	Graph blk, f/c gd, <3% qtz,<5% py
45196A	71.93	73.45	1.52	Graph blk, f/c gd, <3% qtz,<4% py
45197A	73.45	74.98	1.52	Graph blk, f/c gd, <1% qtz,<2% py
45198A	74.98	76.50	1.52	Graph blk, f grained
45199A	76.50	78.02	1.52	Graph blk, f gd, minor qtz,<3% py

SAMPLE #	INTERVAL (M) From	To	WIDTH (M)	DESCRIPTION
45200A	78.02	79.55	1.52	Graph blk, f gd, minor qtz/py
45051A	79.55	81.07	1.52	Graph blk, f gd, minor qtz,<2% py
45052A	81.07	82.60	1.52	Graph blk, f gd, minor qtz,<2% py
45053A	82.60	84.12	1.52	Graph blk, f/c gd, minor qtz/py
45054A	84.12	85.64	1.52	Graph blk, f/m gd, minor qtz/py
45055A	85.64	87.17	1.52	Graph blk, f/m gd, minor py
45056A	87.17	88.69	1.52	Graph blk, f gd, minor py
45057A	88.69	90.22	1.52	Graph blk, f/c gd, minor py
45058A	90.22	91.74	1.52	Graph blk, f/c gd, <4% qtz,<3% py
45059A	91.74	93.26	1.52	Graph blk, f/m gd, <3% py
45060A	93.26	94.79	1.52	Graph dk gy/blk, f/c gd
45061A	94.79	96.31	1.52	Graph dk gy/blk, f/c gd
45062A	96.31	97.84	1.52	Graph blk, f/m gd, mnr qtz/py
45063A	97.84	99.36	1.52	Graph blk, f/m gd, mnr qtz/py
45064A	99.36	100.88	1.52	Graph blk, f/c gd
45065A	100.88	102.41	1.52	Graph blk, f/c gd, mnr py
45066A	102.41	103.93	1.52	Graph blk, f gd, mnr py
45067A	103.93	105.46	1.52	Graph dk gy, f/m gd, mnr py
45068A	105.46	106.98	1.52	Graph gy, f gd, <4% py
45069A	106.98	108.50	1.52	Graph dk gy, f gd, <2% py
45070A	108.50	110.03	1.52	Graph blk, f gd, <3% py
45071A	110.03	111.55	1.52	Graph dk gy, f gd, mnr qtz/<3% py
45072A	111.55	113.08	1.52	Graph dk gy, f gd, mnr qtz/<3% py
45073A	113.08	114.60	1.52	Graph l gy, f gd, minor py
45074A	114.60	116.12	1.52	Graph l gy, f gd, minor py
45075A	116.12	117.65	1.52	Graph l gy, f gd, minor py
45076A	117.65	119.17	1.52	Graph blk, f/m gd, mnr qtz/<3% py
45077A	119.17	120.69	1.52	Graph blk, f/m gd, mnr qtz/<3% py
45078A	120.69	122.22	1.52	Graph dk gy, f/c gd, mnr qtz/<4% py
45079A	122.22	123.74	1.52	Graph dk gy, f/c gd, mnr qtz/mnr py
45080A	123.74	125.27	1.52	Graph l gy, f/c gd
45081A	125.27	126.79	1.52	Graph l gy, f/c gd
45082A	126.79	128.31	1.52	Graph l gy, f/c gd, <3% py
45083A	128.31	129.84	1.52	Graph l gy, f/c gd, <3% py

Date Start: Dec. 14/88
Date Finish: Dec. 15/88

Hole: 88-SRC-005
Total Length: 41.45 m

SAMPLE #	INTERVAL (M) From	To	WIDTH (M)	DESCRIPTION
45092A	4.57	6.71	2.13	Graph blk, f/c gd, <10% qtz/<10% py/mnr gal/tetra(?)
45084A	6.71	7.92	1.22	Graph blk, f/c gd, mnr qtz/<3% py
45085A	7.92	9.45	1.52	Graph l gy, f/m gd, mnr qtz/<1% py
45086A	9.45	10.97	1.52	Graph l gy, f/m gd, <3% qtz/<1% py
45087A	10.97	12.50	1.52	Graph blk, f/c gd, mnr qtz/<3% py
45088A	12.50	14.02	1.52	Graph blk, f gd, mnr qtz/<3% py
45089A	14.02	15.54	1.52	Graph blk, f gd, mnr qtz
45090A	15.54	17.07	1.52	Graph blk, f gd, mnr qtz/<mnr py
45091A	17.07	18.59	1.52	Graph blk, f gd, mnr qtz/<mnr py
45093A	18.59	20.12	1.52	Graph blk, f gd, mnr qtz/<mnr py
45094A	20.12	21.64	1.52	Graph dk gy, f gd, mnr py
45095A	21.64	23.16	1.52	Graph dk gy, f gd, mnr py
45096A	23.16	24.69	1.52	Graph dk gy, f gd, mnr py
45097A	24.69	26.21	1.52	Graph blk, f gd, mnr py
45098A	26.21	27.74	1.52	Graph dk gy, f gd, mnr py
45099A	27.74	29.26	1.52	Graph dk gy, f gd, mnr py
45100A	29.26	30.78	1.52	Graph dk gy, f gd, mnr qtz/mnr py
45101A	30.78	32.31	1.52	Graph gy, f gd, <2% py
45102A	32.31	33.83	1.52	Graph gy, f gd, mnr qtz/mnr py
45103A	33.83	35.36	1.52	Graph l gy,v f gd
45104A	35.36	36.88	1.52	Graph l gy, f gd, <2% qtz/<5% py
45105A	36.88	38.40	1.52	Graph l gy, f gd, <2% qtz/<5% py
45106A	38.40	39.93	1.52	Graph l gy, f gd, <5% py
45107A	39.93	41.45	1.52	Graph l gy, f gd, <7% py

APPENDIX VII

STATEMENT OF COSTS

STATEMENT OF COSTS

EXPEDITOR RESOURCE GROUP LTD.
SKOOKUM PROPERTY
PROJECT 88BC052

FIELD WORK PERIOD: November 28 - December 17, 1988

Field Salaries

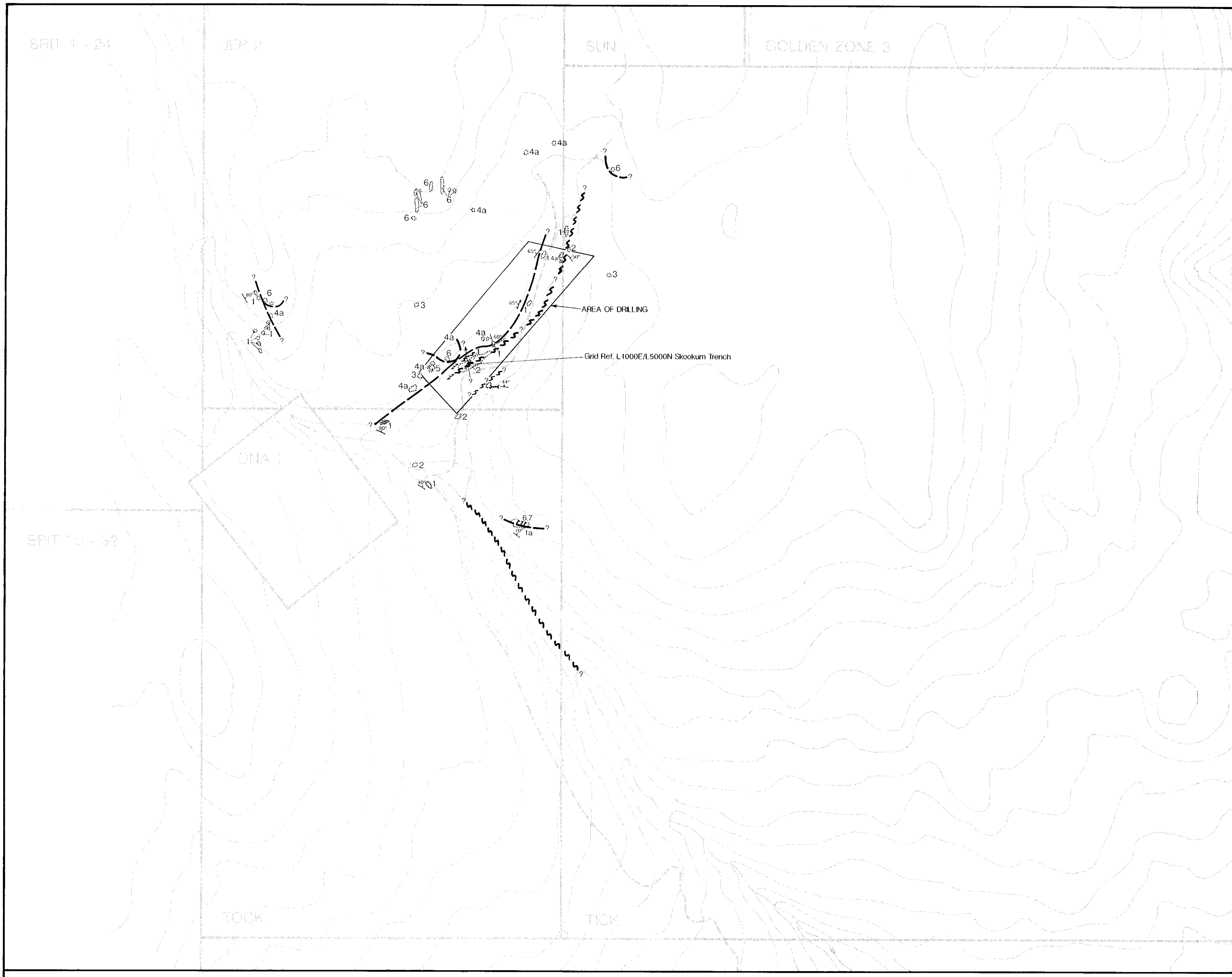
Denis Collins, Geologist		
18 days @ $400/day	$ 7,200.00	
Jody Dahrouge, Assistant		
17 days @ $300/day	5,100.00	
Mark Asleson, Assistant		
1 day @ $300/day	300.00	
J.P. Sorbara, Sr. Geologist		
1 day @ $400/day	400.00	
Pierre Wilson, Technician		
11 days @ $150/day	1,650.00	
		$ 14,650.00

Project Expenses

Project Preparation		3,000.00
Mobilization/Demobilization		2,996.00
Freight		533.20
Work Permit		500.00
Supervision		2,550.00
Geochemistry		
430 RC samples-sample preparation @ $3.75/sample	$ 1,612.50	
430 6 element ICP, geochem gold and silver @ $14.75/sample	6,342.50	
12 core samples-sample preparation @ $3.75/sample	45.00	
12 6 element ICP, gold and silver fire assay @ $20/sample	240.00	
13 rush samples for 6 element ICP, gold and silver fire assay @ $35.63/sample	463.19	
Misc. Lab charges	96.65	
		8,799.84

.../2

Drilling		
Mob/Demob of Cat, Drill, Additional Drill Rods, core boxes	$ 4,163.30	
Cat Work 66 hours @ $84.35/hr	5,567.10	
Diamond Drilling 787 Feet @ $29/ft	22,823.00	
Reverse Circulation 1,694 feet @ $22.50/ft	38,030.30	
		70,583.70
Core Shack and Splitter 18 days @ $50/day		900.00
Truck Rental and Fuel 19 days @ $130/day		2,470.00
Domicile 37 man days @ $85/man/day		3,145.00
Field Equipment Rental 36 man days @ $35/man/day		1,260.00
Field Supplies		713.58
Computer Rental 20 days @ $35/day		700.00
Government Filing		1,125.00
Accounting/Communication		2,750.00
Report and Drafting		7,500.00
Project Management Fee @ 15%		14,485.82
TOTAL COST OF PROJECT:		$138,662.14



LEGEND

NICOLA GROUP

Sediments

- 1 Argillites: rusty brown / grey weathered; dark grey / black fresh
  - 1a Hornfelsic rusty purple weathered, banded, silicified
- 2 Graphitic Schist: rusty, in part pyritic

Volcanics

- 3 Basalt: light green / grey weathered; light green fresh mostly altered to amphibolite
- 4 Andesite: undifferentiated grey fresh, rusty weathered
  - 4a Tuffaceous / fragmental
- 5 Rhyollite: massive rusty weathered

Intrusives

- 6 Diorite: dark green fresh, grey weathered, coarse grained
- 7 Feldspar porphyry: dark grey weathered, black fresh

Symbols

- Geological contact
- Outcrop
- Bedding
- Trace of fold
- Fault: defined, assumed
- Qtz vein

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,860

0 100 200 300 400 500 metres

Part 1 of 2

CANOVA / EXPEDITOR

SKOOKUM GROUP

PROPERTY GEOLOGY MAP

HI-TEC RESOURCE MANAGEMENT LTD.

SCALE: 1 : 5000	N.T.S.: 82L/6W	FIGURE No: 4
DWN. BY: H.V.	DATE: Jan/1989	
CHKD. BY: D. Collins	PROJECT No: 88BC051/052	FILE No: G-11