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**REPORT ON TRENCHING PROGRAM ON THE
 VERA AND SKOOKUM PROPERTIES
 VERNON MINING DIVISION
 SOUTHEASTERN BRITISH COLUMBIA**

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FOR

Canova Resources Ltd.
 Suite 1560 - 701 West Georgia Street
 Vancouver, B.C.
 V7Y 1C6

and

Expeditor Resource Group Ltd.
 Suite 1500-609 Granville Street
 Vancouver, B.C.
 V7Y 1G5

BY

**Helen C. Grond, M.Sc, F.G.A.C. and
 David Thompson, B.Sc**
Hi-Tec Resource Management Ltd.
 1500 - 609 Granville Street
 Vancouver, B.C.
 V7Y 1G5

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

17,928

October, 1988

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1.0 SUMMARY

Hi-Tec Resource Management Limited conducted a trenching program during the summer of 1988 on behalf of Canova Resources Ltd. and Expedito Resource Group Ltd. The program was designed to follow-up results from a previous geological, geochemical and geophysical program carried out by Hi-Tec earlier in the summer.

The Vera/Skookum properties are located northwest of Okanagan Lake, approximately 15 km northwest of Vernon, B.C. and consist of 120 contiguous mineral claims.

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 20 kilometers southwest of the Vera 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.

The 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 by 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 of 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 Vera showing consists of a massive white and iron-stained quartz vein hosted by a quartz-feldspar porphyritic intrusion. Grab sample values of up to 148.46 opt Ag and 0.146 Au have been obtained from galena and tetrahedrite-rich quartz vein samples.

A number of similarities between the Brett deposits and the Vera Showing include: proximity to an intrusive plug, associated feldspar porphyry dykes, the relationship to northwest trending structures and the proximity to basaltic and andesitic tuffaceous rocks.



2.0 INTRODUCTION

Pursuant to a request by Canova Resources Ltd. and Expeditor Resource Group Ltd., a trenching program was carried out by Hi-Tec Resource Management in August of 1988. The purpose of the trenching program was to expose the surface showings and obtain information on geometry and structure of the zones as well as mineralization parameters.

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 Vera/Skookum properties are 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 120 units and cover an area of approximately 30 square km. The property is centered at latitude $50^{\circ} 21'$ north and longitude $119^{\circ} 23'$ west (Figure 1).

Access to the Vera property is by a 4 - wheel drive dirt road which commences 2 km north of the Irish Creek turnoff along Westshore Road, through the yard of a local farmer. 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.

2.2 Property and Ownership


The property consists of two groups of mineral claims, the Vera group and the Skookum group, for a total of 120 units.

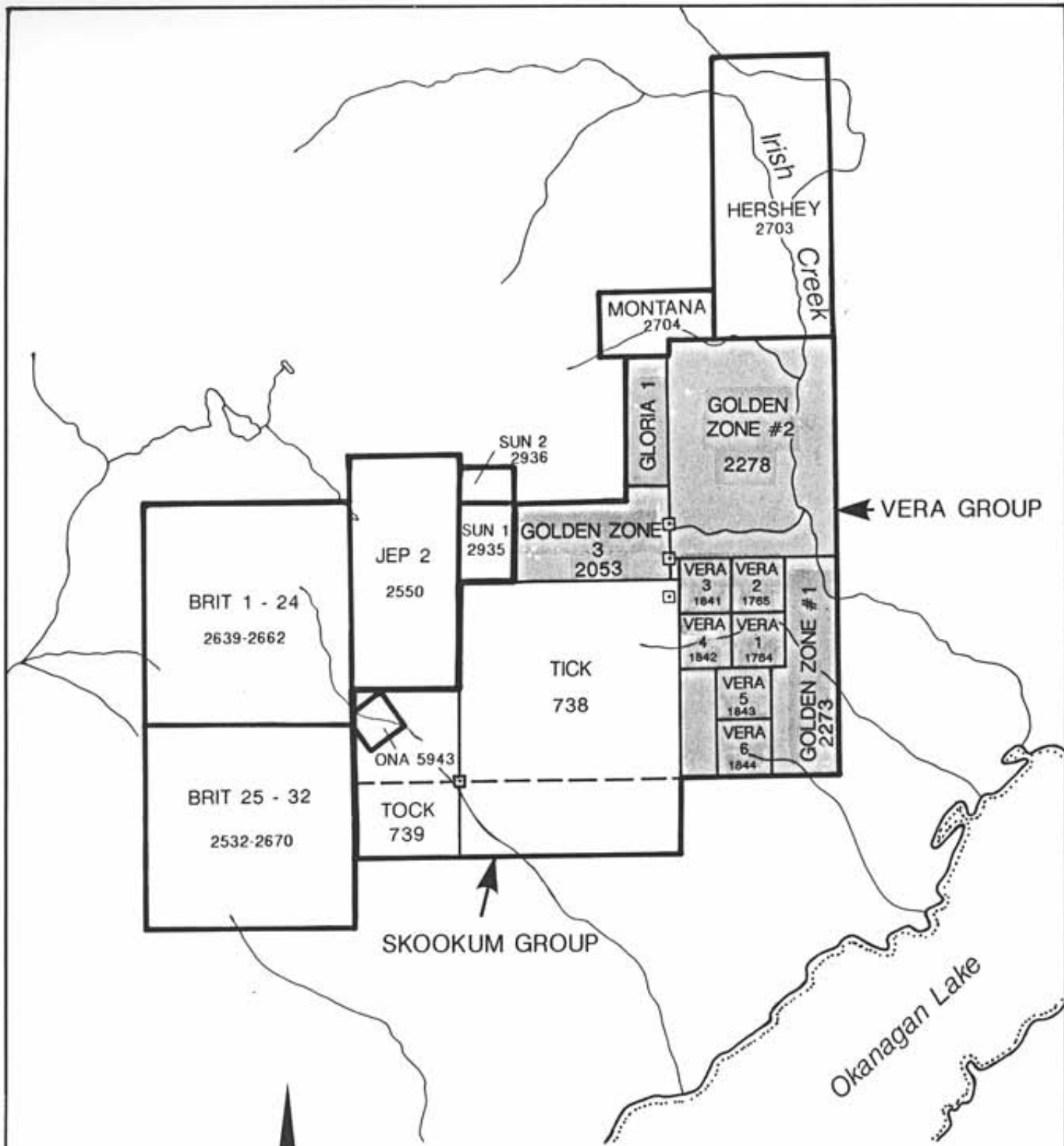





BRITISH COLUMBIA

Scale 1 : 7,500,000 approx.

CANOVA / EXPEDITOR			
VERA and SKOOKUM GROUPS			
GENERAL LOCATION MAP			
 M-TEC RESOURCE MANAGEMENT LTD.	SCALE: as shown	N.T.S.: 82L/6W	FIGURE No.: 1
	OWN. BY: H.V.	DATE: July/88	FILE No.
	CHRD. BY: H. Grand	PROJECT No.: 88BC 006	



CANOVA / EXPEDITOR			
VERA and SKOOKUM GROUPS			
CLAIM MAP			
 Hi-TEC RESOURCE MANAGEMENT LTD.	SCALE: 1 : 50,000	N.T.S.: 82L/6W	FIGURE No: 2
	DWN. BY: H.V.	DATE: July/88	FILE No:
	CHKD. BY: H. Grond	PROJECT No: 88BC 006	

The Vera group was recorded November 20, 1987, while the Skookum group was recorded October 7, 1988. The claims are held jointly between Canova Resources Ltd. and Expedito Resource Group Ltd.

The Vera Group consists of six 2-post claims, the Vera #1-6, recorded in the name of Vera Squinas of Penticton, B.C., and four modified grid claims, included the Golden Zone #1-3 and the Gloria #1 claim, all owned by Canova Resources Ltd. The Golden Zone #1 claim overstakes the six 2-post claims (Figure 2). The Hershey and Montana claims (10 units) have recently been staked and will probably be regrouped with the Vera claims for a total of 51 claims.

The Skookum Group consists of 3 modified grid claims, the Tick, Tock and Jep # 8 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 Expedito, while the Ona claim is under option from Frank Leginus.

Pertinent claim data is summarized below:

<u>Name</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
Vera 1	1	1764	April 26, 1989
Vera 2	1	1765	April 26, 1989
Vera 3	1	1841	June 29, 1989
Vera 4	1	1842	June 29, 1989
Vera 5	1	1843	June 29, 1989
Vera 6	1	1844	June 29, 1989
Golden Zone #1	12	2273	May 15, 1989
Golden Zone #2	12	2278	May 25, 1989
Golden Zone #3	6	2055	November 15, 1989
Gloria #1	3	2059	December 20, 1989
Tick	6	739	October 17, 1990
Tock	20	738	October 17, 1990
Sun 1	1	2935	August 3, 1991
Sun 2	1	2936	August 3, 1991
Ona	1	5943	October 9, 1991
Jep # 2	8	2550	June 16, 1991
Brit 1 - 24	24	2639 - 2662	June 21, 1991



<u>Name</u>	<u>No. of Units</u>	<u>Record No.</u>	<u>Expiry Date</u>
Brit 25 - 32	8	2663 - 2670	June 22, 1991
Hershey	10	2704	June 24, 1989
Montana	2	2703	June 24, 1989

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 main Vera showing is exposed on a steep easterly facing slope which drains into Irish Creek. The Skookum showing is located between the forks of Newport Creek.

2.4 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 20 kilometers southwest of the Vera 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.

The showings on the Vera property were 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.

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.

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

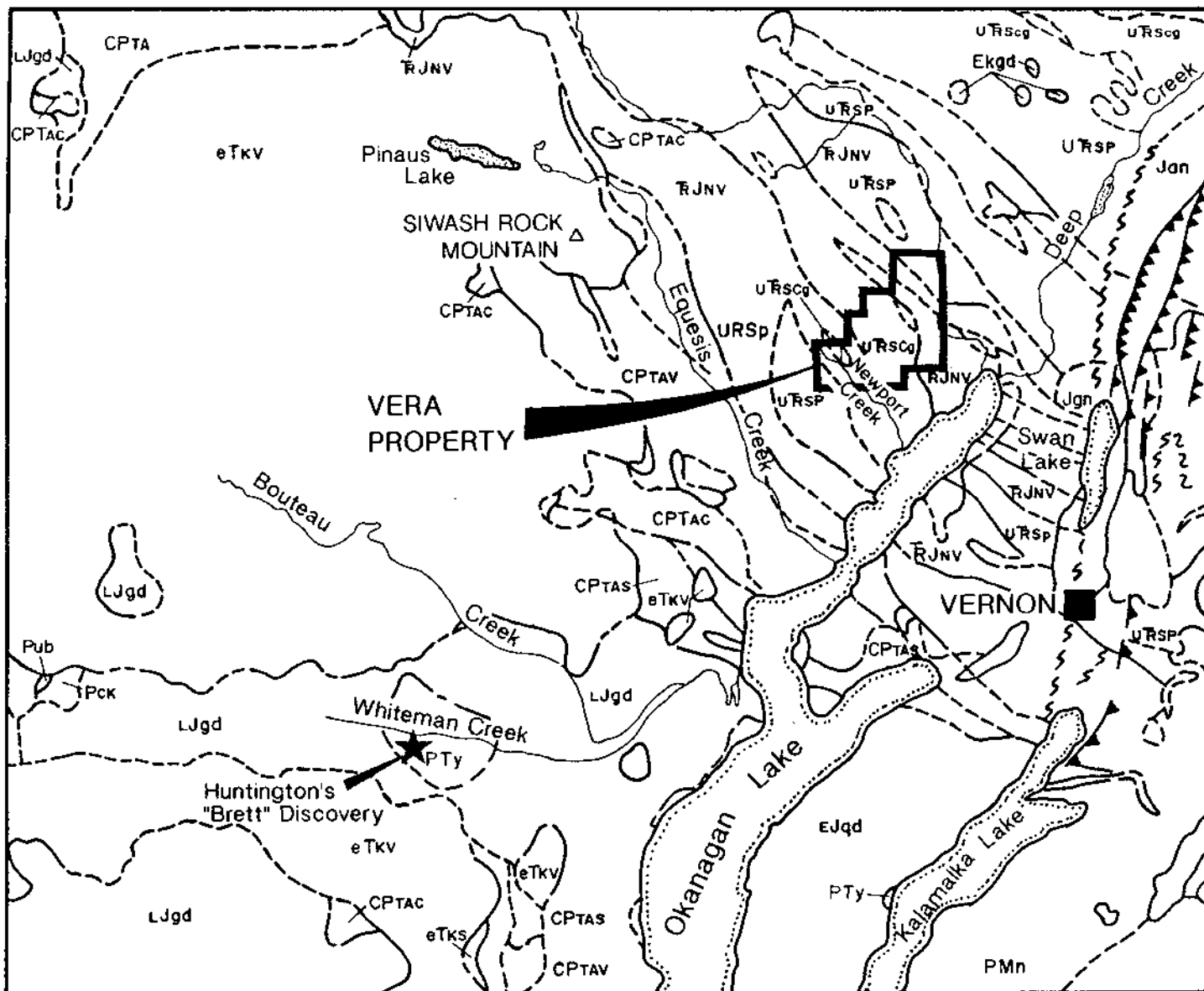
In the early summer of 1988, Hi-Tec Resource Management conducted a geological, geochemical and geophysical exploration program on behalf of Canova Resources Ltd. The results of the program outlined a number of northwest trending geophysical and geochemical anomalies in the vicinity of the Vera showing, suggesting possible parallel structures. Follow-up trenching was recommended to test the zones, the results of which are included in this report.

3.0 GEOLOGY

3.1 Regional Geology and Mineral Deposits

The Vera/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

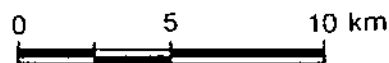




LEGEND

- 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
 - Rjnv Nicola gp. volcanics & sediments
 - URsp Slokan gp. sediments
 - URscg
- Paleozoic
 - PMn Metavolcanics
- Carboniferous
 - Thompson assemblage
 - CPTas Volcanics, volcanioclastic, sediments
 - CPTav
 - CPTac
 - Pub Serpentine

- Thrust Faults
- Mylonite zones
- Geological boundaries



CANOVA / EXPEDITOR		
VERA and SKOOKUM GROUPS		
REGIONAL GEOLOGY		
M-TEC RESOURCE MANAGEMENT LTD	SCALE: 1 : 250,000 DWN. BY: H.V. CHKD. BY: H. Grand	N.T.S.: 82L:6W DATE: July/88 PROJECT No: 88BC 006 FILE No:
		3

pyroclastics and Slocan Group sediments, consisting of shale, argillite and siltstone. 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. Huntington reports results including 235 ft. of greater than 2 oz/ton Au from a recent diamond drill hole.

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.

3.2 Property Geology

The claims are underlain by Upper Triassic Nicola Group volcanics and Upper Triassic Slocan Group sedimentary rocks. A dioritic intrusion, presumably of Cretaceous age



occurs on the east side of Newport Creek (Figure 4). Detailed mapping along the main road leading to the Vera showing, (Grond, 1988) indicates that the argillites are intercalated with basaltic and andesitic tuffaceous volcanic rocks and are cut by numerous feldspar porphyry dykes ranging from 2 to 100 meters wide. The pyroclastics consist mainly of mafic, crystalline tuffs with fragments up to 5 cm in diameter. Intense chloritization has occurred through the tuffaceous unit.

The Skookum showing is located in the northern portion of the Tock claim. The showing consists of an extremely decomposed, sugary quartz vein within a highly altered graphitic schist. The schist unit is in thrust 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.

4.0 TRENCHING PROGRAM

A program of trenching was carried out on the Vera and Skookum showings during July and August, 1988. A sixty meter long trench was excavated at the Vera showing and a forty-five meter long trench was excavated at the Skookum showing. A Komatsu excavator was used to strip the overburden from bedrock. At the Vera showing the bedrock was drilled with a Continental BL 140 tank drill equipped with an Ingersoll-Rand hammer. The drill holes were loaded with Austinite Fertilizer and Apcogel blasting powder and the trench was electrically blasted. The excavator was used to remove the blast rubble, exposing a five meter vertical face. At the Skookum showing, the rock was sufficiently friable to enable the excavator to dig through and expose fresh bedrock without blasting.



The trenches were mapped in detail at a scale of 1:100 (Figures 7,9) and channel sampled at five meter intervals and in more detail across quartz veins and mineralized zones (Figures 8, 10). In addition, the Jedi Showing (not on claims) was examined (Figure 11).

4.1 SKOOKUM TRENCH GEOLOGY AND MINERALIZATION

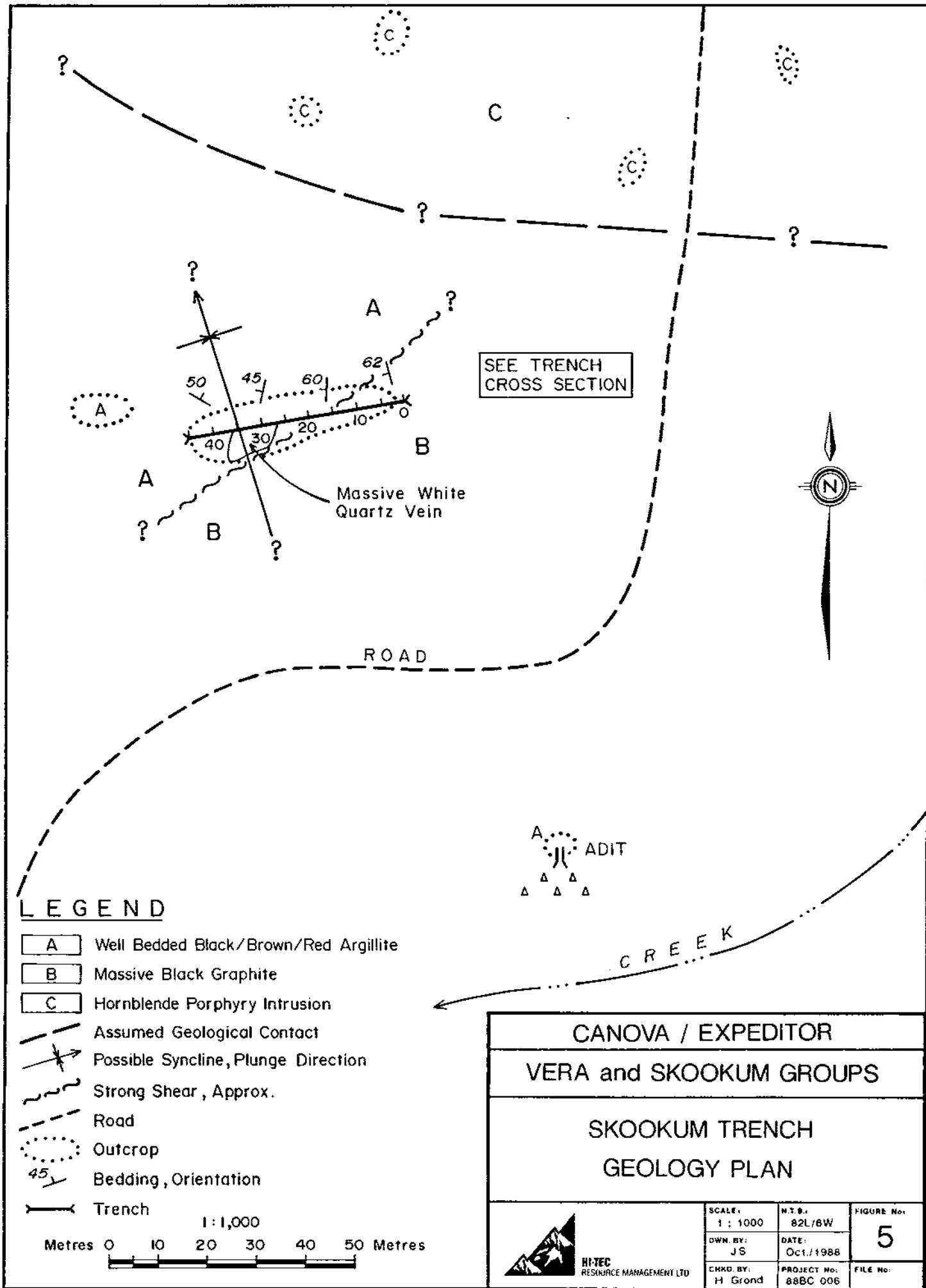
At the Skookum showing, the forty-five meter trench emplaced exposed a portion of quartz vein up to five meters wide within a bed of massive, soft, graphitic rock. The graphite is intensely sheared and no bedding is discernable. The quartz and graphite are overlain by strongly sheared and folded interlayered argillite and phyllite. The contact between the graphite and argillite is interpreted to be a shear and possible thrust contact.

The best precious metal values are associated with tetrahedrite, galena mineralization in quartz veins. The highest value obtained was 320.83 opt Ag and .117 opt Au from a grab sample containing 30-40% galena and tetrahedrite in quartz. Other high values were obtained from sample 88DTS-19, 205.92 opt Ag and 0.070 opt Au from a grab of 15-20% Tetrahedrite, galena and sphalerite, and 88DTS-27, 224.00 opt Ag and 0.071 opt Au from a grab of 15% tetraherite 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 (88DTS-27).

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: 88DTS-12, grab of massive graphite at lower contact of quartz, 4.87 opt Ag, .011 opt Au and 88DTS-17, minor quartz in massive graphite, 12.98 opt Ag, .006 opt Au. Values up to 30667 ppm Cu, 108634 ppm Pb and 68996 ppm Zn were also recorded.

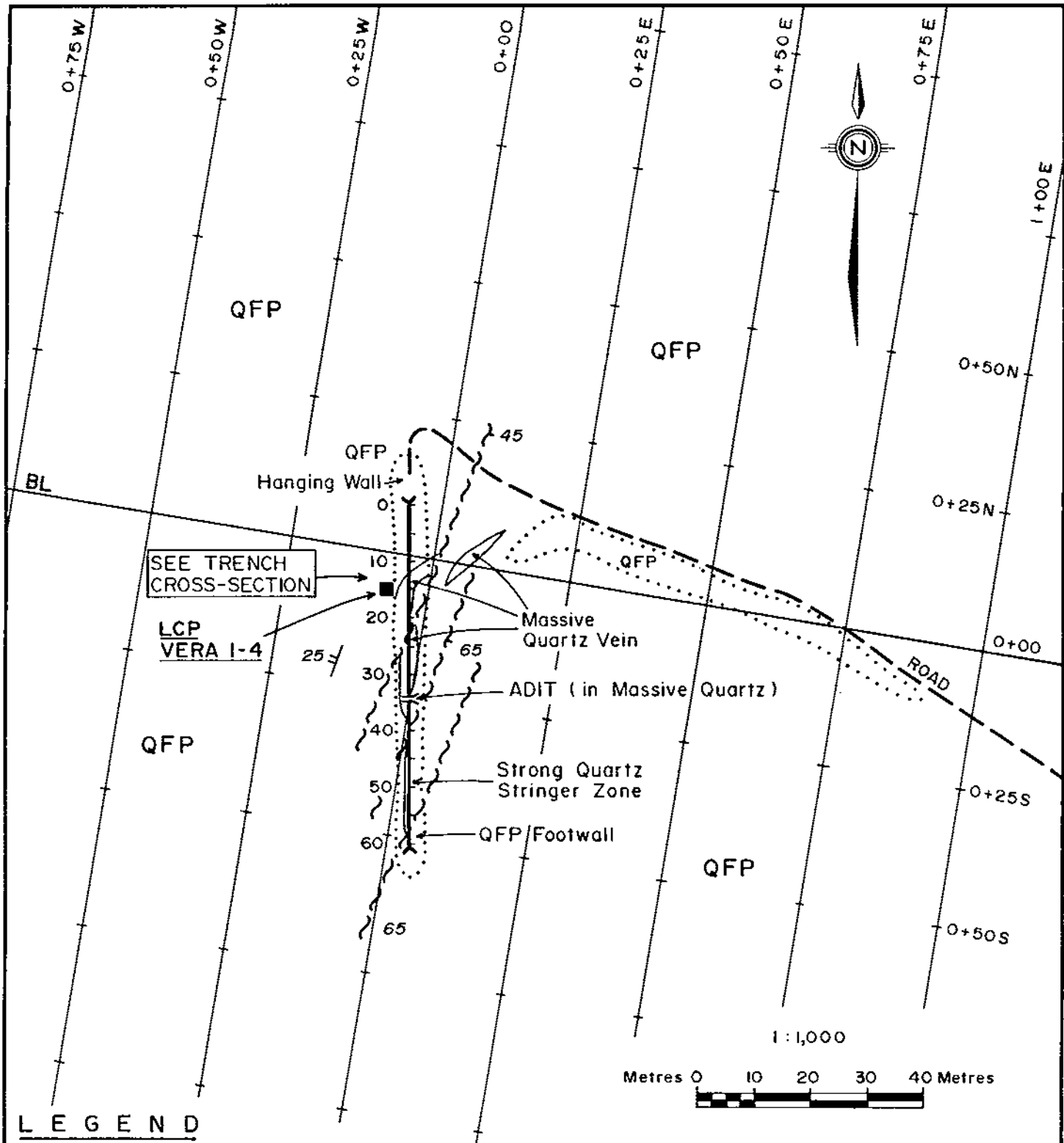
Approximately fifty meters north of the Skookum trench, a body of hornblende porphyritic intrusive rock outcrops. This rock is pale green with abundant black xenoliths of argillaceous wallrock and small, black, euhedral hornblende phenocrysts. Several outcrops of this intrusion occur north of the Skookum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

4.2 VERA TRENCH GEOLOGY AND MINERALIZATION

At the Vera showing, the existing exposure of quartz veins at and around the adit was extended to reveal an excellent cross-section of the geology. A vertical face up to five meters high was created, allowing for a good interpretation of the vein structure.

The massive white and occasionally iron-stained quartz vein is hosted by a quartz-feldspar porphyritic intrusion containing fifteen percent white, potassic-altered feldspar phenocrysts and 35-40 percent clear, glassy quartz phenocrysts. The porphyry is generally strongly fractured and jointed and contains up to one percent disseminated pyrite. The quartz vein is of a pinch and swell nature, near the adit. The vein is often strongly fractured and in several locations has been offset by slip planes displaying normal movement. The slip planes are commonly filled with vuggy calcite up to six inches thick. To the





LEGEND

- QFP Quartz Feldspar Porphyry Host Rock
- Fault, Orientation and Dip
- Vein Attitude
- Adit
- Trench
- Outcrop
- Road
- Legal Corner Post (VERA 1-4)

CANOVA / EXPEDITOR			
VERA and SKOOKUM GROUPS			
VERA TRENCH GEOLOGY PLAN			
	SCALE: 1:1000	M.T.S.: 82L/6W	6
	DWN. BY: J.S.	DATE: Oct./1988	
	CHKD. BY: H. Grand	PROJECT No: 88BC 006	FILE No:

south of the adit the quartz vein pinches out to less than a one meter thickness and feeds into a strong stringer zone. The hanging wall contact with the main vein appears to be sheared, with slickensides often visible.

Mineralization in the Vera trench is disseminated, with occasional clots of coarse galena and minor tetrahedrite within the main body of the vein. Mineralization is more common along the upper and lower contacts of the main vein and within the stringer zone. Copper oxide mineralization is common along these contacts, with malachite more abundant than azurite. The oxide coats large clots and layers up to thirty centimeters long by two centimeters wide of massive galena and tetrahedrite. Minor associated sphalerite is also visible in several locations. Vuggy calcite in the major slip planes is unmineralized and returns no significant assay results.

The best precious metal values obtained from the 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 88DTV-54, 64.46 opt Ag and 0.064 Au from 15% galena and tetrahedrite in quartz stringers across 0.6 m and 88DTV-60, 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.

5.0 CONCLUSIONS

The results of the recent trenching program carried out by Hi-Tec Resource Management Ltd. indicate that highly anomalous levels of precious metals occur on both the Vera and Skookum showings. Although the two deposits are hosted in different geology, mineralization modes and values are quite similar.



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.

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 Vera showing consists of a massive white and iron-stained quartz vein hosted by a quartz-feldspar porphyritic intrusion. The quartz vein is of a pinch and swell nature, reaching a maximum thickness of two meters near the adit. Mineralization consisting of galena and tetrahedrite is concentrated along the the upper and lower contacts of the main vein and within the stringer zone. Grab sample values of up to 148.46 opt Ag and 0.146 Au have been obtained.

A recent announcement of an extremely high grade gold drill intersection (> 2 oz/ton over 235 feet), was made by Huntington Resources on their Brett property, located 20 kilometers southwest of the subject claims. Proximity to this very interesting property and a similar geologic environment suggest that the area has potential for significant precious metal deposition.



6.0 RECOMMENDATIONS

In order to further evaluate the subject property, separate exploration programs are being recommended for the Vera and Skookum zones.

For the Skookum showing, a two-phased exploration program is highly recommended with the second phase being contingent upon favourable results from Phase I. An extensive ground geophysical magnetometer and VLF survey should be conducted during phase I on the anomalous zone outlined by the 1988 exploration program. The survey should be carried out over a 46.5 kilometer grid established over and around the main Skookum showing. This survey would define the extent and position of the major shear zones in the area. This stage of the program should also involve limited follow-up geochemistry on the remainder of the mineral claims.

A phase II program comprising detailed drill assessment of the anomalous zone of the Skookum showing is also recommended. However, diamond drilling should only be used in a limited capacity to define the geometry of the currently outlined mineralized zone and any additional anomalous targets defined by phase I. A reverse circulation drill rig used in conjunction with this may be more appropriate and less expensive for use as fill-in holes. The fill-in holes would be used to define the grade characteristics of the deposit.

An estimated cost breakdown for the Skookum program is given in Appendix I.

Recommended work on the Vera property includes a first phase of Induced Polarization surveying, followed by



trenching of anomalous targets. Previous work has shown that VLF-EM and soil geochemistry have been relatively unsuccessful in delineating the mineralized zone. Minequest, however, has had good success using I.P. to outline veins similar to the Vera vein on their property adjoining the subject property to the north. Contingent upon favourable results from the first phase program, diamond drilling of targets is recommended.

An estimated cost for the Vera program is given in Appendix I.

Respectfully Submitted,

HI-TEC RESOURCE MANAGEMENT LTD.



Helen C. Grond, M.Sc., F.G.A.C.



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APPENDIX I

Cost Estimates For Proposed Programs



PROPOSED BUDGET
CANOVA/EXPEDITOR JOINT VENTURE
SKOOKUM SHOWING

Mobilization/Demobilization	\$ 1,650.00
Project Preparation (Salaries, Maps)	1,775.00
Linecutting 46.5 kilometers @ \$400.00/kilometer	18,600.00
Geophysics	
Mag. Total Field & Vert. Grad.	
46.5 kilometers @ \$200.00/kilometer	9,300.00
VLF-EM Survey (2 channels)	
46.5 kilometers @ \$200.00/kilometer	9,300.00
Prospector 16 days @ \$250.00/day	4,000.00
Geochemistry	
Streams 10 samples \$1.00/sample preparation	10.00
10 samples \$12.25/6 element ICP;Au FA	122.50
Rocks 50 samples \$3.75/sample preparation	187.50
50 samples \$12.25/6 element ICP;Au FA	<u>612.50</u>
	932.50
Truck Rental & Fuel 16 days @ \$125.00/day	2,000.00
Domicile 32 man days \$80.00/man day	2,560.00
Field Supplies 32 man days \$25.00/man day	800.00
Accounting/Communications	1,000.00
Report Compilation/Drafting	5,000.00
Project Management @ 15.00% (Not on Salaries)	<u>7,476.38</u>
	SUB-TOTAL
	<u>\$64,393.88</u>
Contingency	<u>5,619.75</u>
	TOTAL
	<u>\$70,013.63</u>
	Say Total : \$70,000.00

PHASE II:

The exact cost of Phase II is difficult to estimate at the present time because it will depend of how many targets are generated in Phase I. A reasonable cost for Phase II diamond drilling and reverse circulation drilling would be in the order of \$200,000.00.



PROPOSED BUDGET
CANOVA/EXPEDITOR JOINT VENTURE
VERA SHOWING

Mobilization/Demobilization	\$ 1,650.00
Project Preparation (Salaries, Maps)	1,775.00
Linecutting 20.0 kilometers @ \$400.00/kilometer	8,000.00
Geophysics Induced Polarization 17.0 kilometers @ \$1,500.00/kilometer	25,500.00
Project geologist 12 days @ \$350.00/day	4,200.00
Geochemistry	
Streams 10 samples \$1.00/sample preparation	10.00
10 samples \$12.25/6 element ICP;Au FA	122.50
Rocks 50 samples \$3.75/sample preparation	187.50
50 samples \$12.25/6 element ICP;Au FA	<u>612.50</u>
	932.50
Trenching 80 hrs @ \$105/hr	8,400.00
Truck Rental & Fuel 17 days @ \$125.00/day	2,125.00
Domicile 97 man days \$80.00/man day	7,760.00
Field Supplies	500.00
Accounting/Communications	1,000.00
Report Compilation/Drafting	5,000.00
Project Management @ 15.00% (Not on Salaries)	<u>9,216.38</u>
	SUB-TOTAL \$76,058.88
Contingency	<u>3,941.12</u>
	TOTAL \$80,000.00

PHASE II:

The exact cost of Phase II is difficult to estimate at the present time because it will depend of how many targets are generated in Phase I. A reasonable cost for Phase II diamond drilling would be in the order of \$200,000.00.



APPENDIX II

Statement of Qualifications




STATEMENT OF QUALIFICATIONS

I, HELEN C. GROND, of the city of Vancouver, Province of British Columbia, hereby certify that:

1. I am a geologist residing at 2729 Yale Street, in the City of Vancouver, Province of British Columbia.
2. I obtained a Bachelor of Science degree in Geology from the University of British Columbia in 1980, and a Master of Science degree in Geology from the same University in 1982.
3. I am a Fellow, in good standing, of the Geological Association of Canada.
4. I have been practising my profession as a geologist in Canada and the United States permanently since 1982 and seasonally since 1978.
5. I have not received, nor do I expect to receive, any interests, direct or indirect in the securities of Canova Resources Ltd.

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

SIGNED:


Helen C. Grond, M.Sc., F.G.A.C.



STATEMENT OF QUALIFICATIONS

David A. Thompson, B.Sc.
Project Geologist

I, David A. Thompson of 105 - 875 Badke Road, Kelowna, British Columbia, do hereby certify:

1. I am a project geologist under the employment of Hi-Tec Resource Management Ltd. of 1500 - 609 Granville Street, Vancouver, British Columbia.
2. I am a graduate of the University of British Columbia, with a B.Sc., 1986, in Geological Sciences.
3. I have practised my profession, as a geologist, for four field seasons prior to and since my graduation as follows:

1986 - 1987	Geologist, Homestake Mineral Development Company, Vancouver, British Columbia
1987 - 1988	Project Geologist, Mascot Gold Mines Limited, Vancouver, British Columbia
4. I have not received, nor do I expect to receive, any interests, direct or indirect in the securities of Canova Resources Ltd.
5. That this report is based upon a trenching program conducted by myself during July and August, 1988.

Dated at VANCOUVER, B.C. this 11 day of OCTOBER, 1988.


David A. Thompson, B.Sc.



APPENDIX III

Geochemical Preparation and Analytical Procedure



MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke
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^oC 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.

MIN-EN Laboratories Ltd.

Specialists in Mineral Environments

Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

Analytical Procedure Report for Assessment Work

31 Element ICP

Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cu, Fe, K, Li,
Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, U, V, Zn, Ga, Sn, W,
Cr

Samples are processed by Min-En Laboratories Ltd., at 705 West 15th Street, North Vancouver, 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 by a jaw crusher and pulverized by ceramic plated pulverizer or ring mill pulverizer.

1.0 gram of the sample is digested for 4 hours with an aqua regia HClO₄ mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by computer operated Jarrall Ash 9000 ICAP or Jobin Yvon 70 Type II Inductively Coupled Plasma Spectrometers. Reports are formatted and printed using a dot-matrix printer.

APPENDIX IV

Field and Analytical Data For Rock Samples



Sample Descriptions

<u>Sample No.</u>	<u>Type</u>	<u>Length</u>	<u>Location</u>
88 DTV- 1	Grab	--	Vera - Blast Rubble
	-massive quartz vein with 1-2% pyrite.		
88 DTV- 2	Semi-Channel	2 m	Vera - South End
	-60-70% quartz stringers in porphyry wallrock.		
88 DTV- 3	Grab	--	Vera - Rubble
	-Quartz vein with very strong limonite.		
88 DTV- 4	Grab	--	Vera - South End Shear
	-Vuggy calcite and quartz in shear.		
88 DTV- 5	Grab	--	Vera - South End
	-Quartz vein and hanging wall porphyry with 10% pyrite.		
88 DTV- 6	Grab	--	Vera - South End
	-Quartz vein and footwall rock and Cu staining.		
88 DTV- 7	Grab	--	Vera - Adit Rubble
	-Quartz vein; trace sulphides; Fe staining.		
88 DTV- 8	Grab	--	Vera - Adit Rubble
	-Quartz vein; 10% tetrahedrite and galena.		
<hr/>			
88 DTS- 9	Grab	--	Skookum - Contact
	Sheared massive graphite and minor argillite.		
88 DTS-10	Grab	--	Skookum West End
	-Same as above, with 30-40% quartz.		
88 DTS-11	Semi-Channel	2 m	Skookum - Central
	-Massive crumbly quartz with 2-3% tetrahedrite.		
88 DTS-12	Grab	--	Skookum - Central
	-Massive graphite at lower contact of quartz.		
88 DTS-13	Channel	1 m	Skookum @ 5 m
	-Sheared unmineralized argillite.		
88 DTS-14	Channel	1 m	Skookum @ 10 m
	-Massive graphite and quartz stringers.		
88 DTS-15	Channel	1 m	Skookum @ 10 m
	-Argillite.		
88 DTS-16	Grab	--	Skookum @ 10.5 m
	-5% tetrahedrite and galena in quartz.		

88	DTS-17	Channel	2 m	Skookum @ 15 m
				-Minor quartz in massive graphite.
88	DTS-18	Channel	1 m	Skookum @ 15 m
				-Argillite.
88	DTS-19	Grab	--	Skookum @ 15.5 m
				-15-20% tetrahedrite, galena and sphalerite.
88	DTS-20	Channel	2.5 m	Skookum @ 20 m
				-Mixed graphite and quartz stringers.
88	DTS-21	Channel	1 m	Skookum @ 20 m
				-Sheared argillite.
88	DTS-22	Grab	--	Skookum @ 25 m
				-Fe - Stained quartz stringer in argillite.
88	DTS-23	Channel	1 m	Skookum @ 25 m
				-Argillite.
88	DTS-24	Channel	2 m	Skookum @ 25 m
				-Mixed graphite and quartz stringers.
88	DTS-25	Channel	3 m	Skookum @ 30 m
				-Massive quartz vein with graphitic partings.
88	DTS-26	Grab	--	Skookum @ 30 m
				-10% tetrahedrite in massive quartz vein.
88	DTS-27	Grab	--	Skookum @ 30 m
				-15% tetrahedrite in quartz vein.
88	DTS-28	Channel	1 m	Skookum @ 30 m
				-Argillite with minor pyrite and graphite.
88	DTS-29	Channel	0.5 m	Skookum @ 35 m
				-Massive quartz vein with graphite partings.
88	DTS-30	Channel	0.15 m	Skookum @ 35 m
				-Sheared graphite from contact.
88	DTS-31	Channel	1 m	Skookum @ 35 m
				-Argillite.
88	DTS-32	Channel	1 m	Skookum @ 40 m
				-Argillite with minor pyrite.
88	DTS-33	Channel	2 m	Skookum @ 42 m
				-Strongly weathered argillite.
<hr/>				
88	DTV-34	Channel	1 m	Vera @ 0 m
				-Hanging wall quartz feldspar porphyry.



88 DTV-35	Channel	1 m	Vera @ 5 m
	-Hanging wall Q.F.P.		
88 DTV-36	Channel	1.5 m	Vera @ 10 m
	-Fe stained hanging wall Q.F.P.		
88 DTV-37	Channel	1.8 m	Vera @ 15 m
	-Quartz vein with 1-2% galena and tetrahedrite.		
88 DTV-38	Channel	1.8 m	Vera @ 17 m
	-Quartz vein with 1-2% galena and tetrahedrite.		
88 DTV-39	Channel	1.6 m	Vera @ 18.5 m
	-Quartz vein with < 1% galena and tetrahedrite.		
88 DTV-40	Channel	1.4 m	Vera @ 20 m
	-Quartz vein with trace sulphides.		
88 DTV-41	Channel	1 m	Vera @ 21 m
	-70% quartz stringers, 27% wallrock, 3% galena.		
88 DTV-42	Channel	1.6 m	Vera @ 20 m
	-20% quartz stringers, 80% wallrock Q.F.P.		
88 DTV-43	Channel	0.8 m	Vera @ 23 m
	-70% vuggy calcite, 20% quartz, 10% wallrock.		
88 DTV-44	Channel	1.7 m	Vera @ 27 m
	-Sheared quartz vein and 20% calcite.		
88 DTV-45	Channel	0.5 m	Vera @ 27 m
	-Grey clay overburden and fault gouge (?)		
88 DTV-46	Channel	2 m	Vera @ 27 m
	-Hanging wall Q.F.P. with minor quartz.		
88 DTV-47	Channel	0.7 m	Vera @ 27 m
	-Shattered massive quartz vein.		
88 DTV-48	Grab	2.2 m	Vera @ 29 m
	-15% galena in quartz vein.		
88 DTV-49	Channel	1 m	Vera @ 30 m
	-Shattered quartz vein.		
88 DTV-50	Channel	1 m	Vera @ 30 m
	-Trace sulphides in massive quartz vein.		
88 DTV-51	Channel	1 m	Vera @ 37 m
	-Quartz vein with minor wallrock.		
88 DTV-52	Channel	0.8 m	Vera @ 39 m
	-Quartz stringer zone, sheared tr. sulphide.		



88 DTV-53 Channel 1.3 m Vera @ 39 m
-Shear with calcite and quartz stringers.

88 DTV-54 Channel 0.6 m Vera @ 42 m
-15% galena and tetrahedrite in quartz stringers.

88 DTV-55 Channel 0.6 m Vera @ 42 m
-Sheared quartz vein with 5% coarse pyrite.

88 DTV-56 Channel 0.9 m Vera @ 45 m
-Sheared quartz vein with 10% galena tetrahedrite.

88 DTV-57 Channel 1 m Vera @ 44 m
-Quartz vein with coarse calcite.

88 DTV-58 Channel 0.8 m Vera @ 48.5 m
-Quartz vein with coarse calcite.

88 DTV-59 Channel 1.9 m Vera @ 50 m
-Footwall Q.F.P. with < 3% quartz.

88 DTV-60 Channel 0.7 m Vera @ 48 m
-10% galena and tetrahedrite in quartz stringers.

88 DTV-61 Channel 0.7 m Vera @ 52.5 m
-Massive quartz vein.

88 DTV-62 Channel 1.2 m Vera @ 53 m
-Shear with vuggy calcite and quartz.

88 DTV-63 Channel 1.2 m Vera @ 53.5 m
-Shear with vuggy calcite and quartz and minor Q.F.P.

88 DTV-64 Channel 1.1 m Vera @ 56 m
-Sheared footwall Q.F.P. with 25% quartz.

88 DTV-65 Channel 2.5 m Vera @ 56 m
-80% quartz stringers, 20% sheared Q.F.P.

88 DTV-66 Channel 1.2 m Vera @ 59 m
-Shear with vuggy calcite and quartz.

88 DTV-67 Channel 1.3 m Vera @ 59 m
-Shear with calcite, quartz and hanging wall Q.F.P.

88 DTS-68 Grab -- Skookum-above trench
-Quartz float 100 m North of trench.

88 DTJ-69 Grab -- Jedi @ 55 m
-Trace pyrite in massive rusty quartz.

88 DTJ-70 Grab -- Jedi @ 37 m
-Minor pyrite and trace galena in quartz veinlet.



88 DTJ-71	Grab	--	Jedi @ 30 m
-Pinch and swell quartz stringer with 10% galena.			
88 DTJ-72	Grab	--	Jedi @ 31 m
-quartz stringer with up to 15% galena and pyrite.			
88 DTJ-73	Grab	--	Jedi @ 30 m
-Sheared graphitic argillite wallrock.			
88 DTJ-74	Grab	--	Jedi @ 20 m
-Quartz lens with 15% galena and pyrite.			
88 DTJ-75	Grab	--	Jedi @ 47 m
-Massive quartz with pyrite casts.			
<hr/>			
DTS G-1	Grab	--	Skookum @ 17 m
-30-40% galena and tetrahedite in quartz.			
88 VEF-2	Grab	--	Vera grid, 00N,1+50W
-quartz float			
88 VEF-3	Grab	--	Vera grid, 0+25N,1+75
-quartz float			





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P.O. BOX 867
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TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: HI TEC RESOURCE MANAGEMENT
Project: BBRC006
Attention: M. BELL

File: B-1164/P1
Date: AUGUST 14/88
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
BBDTV 1	18.2	0.53	.36	0.011
BBDTV 3	12.0	0.35	.16	0.005
BBDTV 6	2.3	0.07	.01	0.001
BBDTS 13	1.9	0.06	.01	0.001
BBDTS 15	3.8	0.11	.33	0.010

BBDTS 16	1760.0	51.33	.45	0.013
BBDTS 17	445.0	12.98	.22	0.006
BBDTS 18	8.0	0.23	.19	0.006
BBDTS 19	7060.0	205.92	2.41	0.070
BBDTS 20	40.6	1.18	.13	0.004

BBDTS 21	25.7	0.75	.21	0.006
BBDTS 22	11.3	0.33	.17	0.005
BBDTS 23	3.8	0.11	.20	0.006
BBDTS 24	11.9	0.35	.06	0.002
BBDTS 25	8.4	0.25	.73	0.021

BBDTS 26	2360.0	68.83	3.23	0.094
BBDTS 27	7680.0	224.00	2.42	0.071
BBDTS 28	25.9	0.76	.13	0.004
BBDTS 29	540.0	15.75	1.27	0.037
BBDTS 30	105.0	3.06	.37	0.011

BBDTS 31	13.6	0.40	.06	0.002
BBDTS 32	1.7	0.05	.20	0.006
BBDTS 33	1.5	0.04	.01	0.001
BBDTV 34	0.4	0.01	.01	0.001
BBDTV 35	2.3	0.07	.01	0.001

BBDTV 36	0.3	0.01	.02	0.001
BBDTV 37	154.0	4.49	.03	0.001
BBDTV 38	308.0	8.98	.19	0.006
BBDTV 39	23.6	0.69	.01	0.001
BBDTV 40	1.4	0.04	.02	0.001

BBDTV 14 ?	178.0	5.19	.04	0.001

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P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9896

Certificate of Assay

Company: HI TEC RESOURCE MANAGEMENT
Project: BBBC006
Attention: M. BELL

File: 8-1164/P2
Date: AUGUST 14/88
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
88DTV 41	48.3	1.41	.01	0.001
88DTV 42	3.6	0.11	.01	0.001
88DTV 43	1.6	0.05	.01	0.001
88DTV 44	2.7	0.08	.02	0.001
88DTV 45	1.2	0.04	.12	0.004
88DTV 46	1.9	0.06	.01	0.001
88DTV 47	1.2	0.04	.01	0.001
88DTV 48	5090.0	148.46	4.99	0.146
88DTV 49	5.9	0.17	.02	0.001
88DTV 50	37.6	1.10	.03	0.001
88DTV 51	10.5	0.31	.26	0.008
88DTV 52	35.0	1.02	.01	0.001
88DTV 53	6.2	0.18	.01	0.001
88DTV 54	2210.0	64.46	2.20	0.064
88DTV 55	20.3	0.59	.01	0.001
88DTV 56	189.0	5.51	.02	0.001
88DTV 57	338.0	9.86	.38	0.011
88DTV 58	2.4	0.07	.02	0.001
88DTV 59	4.0	0.12	.05	0.001
88DTV 60	2330.0	67.96	2.90	0.085
88DTV 61	8.3	0.24	.01	0.001
88DTV 62	8.6	0.25	.29	0.008
88DTV 63	8.7	0.25	.02	0.001
88DTV 64	6.2	0.18	.01	0.001
88DTV 65	2.8	0.08	.72	0.021
88DTV 66	1.8	0.05	.03	0.001
88DTV 67	0.8	0.02	.04	0.001
88DTS 68	0.8	0.02	.01	0.001
88DTJ 69	1.3	0.04	.02	0.001
88DTJ 70	1.2	0.04	.01	0.001

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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Assay

Company: HI TEC RESOURCE MANAGEMENT
Project: BBEC006
Attention: M. BELL

File: 8-1164/P3
Date: AUGUST 14/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG	AG	AU	AU
	G/TONNE	OZ/TON	G/TONNE	OZ/TON
88DTJ 71	20.3	0.59	.01	0.001
88DTJ 72	190.0	5.54	.14	0.004
88DTJ 73	2.5	0.07	.01	0.001
88DTJ 74	4.3	0.13	.02	0.001
88DTJ 75	0.6	0.02	.01	0.001
88VEF 2	1.8	0.05	.01	0.001

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TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: HI-TEC RESOURCE MANAGEMENT
Project: PN88BC006
Attention: D. COLLINS

File: 8-1119/P1
Date: AUG. 4/88
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-VEF-3	3.4	0.10	.17	0.005
88-DTV-2	0.6	0.02	.14	0.004
88-DTV-4	5.7	0.17	.01	0.001
88-DTV-5	2.6	0.08	.21	0.006
88-DTV-7	585.0	17.06	.88	0.026
88-DTV-8	860.0	25.08	.81	0.024
88-DTS-9	10.2	0.30	.36	0.011
88-DTS-10	2260.0	65.92	.42	0.012
88-DTS-11	254.0	7.41	.39	0.011
88-DTS-12	167.0	4.87	.37	0.011
88-DTSG-1	11000.0	320.83	4.02	0.117

Certified by

MIN-EN LABORATORIES LTD.

(VALUES IN PPM)	AS	AL	AG	B	BA	BE	BI	CA	CD	CO	CU	FE
88DTV1	17.9	390	22	1	6	.2	5	460	2.7	7	57	8280
88DTV3	12.1	1010	26	1	31	.4	5	4760	2.7	7	63	13590
88DTV6	2.3	660	22	1	26	.3	6	300	2.5	8	27	6730
88DTS13	1.0	5930	29	1	52	.6	5	34760	6.7	18	129	39260
88DTS15	2.6	5350	67	1	146	.7	5	33200	4.4	21	196	41020
88DTS16	710.6	1620	74	1	130	.4	5	13540	19.3	10	3823	12900
88DTS17	379.9	5710	51	1	42	.8	1	27670	46.9	19	1478	35960
88DTS18	7.1	3910	62	1	47	.6	5	20710	3.7	23	124	47830
88DTS19	827.2	820	3	3	22	.5	7	3310	355.0	12	20849	13820
88DTS20	36.5	3900	77	1	82	.5	5	24250	6.6	19	207	39040
88DTS21	24.6	4000	110	1	43	.5	5	29430	21.4	23	246	42100
88DTS22	11.6	5840	57	1	35	.7	6	5400	6.9	15	79	33680
88DTS23	3.9	4280	81	1	50	.4	5	42030	4.5	19	75	46490
88DTS24	9.5	5460	56	1	44	.9	5	19810	5.6	18	77	40870
88DTS25	8.7	1040	19	1	12	.4	5	4310	18.9	8	44	11300
88DTS26	1010.5	1340	183	1	18	.4	2	1840	71.9	9	8949	10030
88DTS27	831.9	190	474	1	4	.4	24	300	187.9	9	30667	5740
88DTS28	23.9	4560	33	9	52	.6	5	21850	5.0	19	217	39570
88DTS29	507.4	2410	18	1	21	.4	2	4890	67.4	11	2015	17290
88DTS30	97.3	5970	78	1	40	.8	4	25630	11.8	21	541	46550
88DTS31	12.7	4690	59	1	70	.8	5	34000	6.5	22	164	45190
88DTS32	2.0	3390	44	1	43	.8	5	30390	5.1	20	117	41780
88DTS33	1.8	14030	8	2	63	.6	5	13030	4.5	19	85	41770
88DTV34	.7	10230	6	1	44	.7	6	2270	2.8	12	14	18150
88DTV35	1.2	8880	18	1	63	.6	6	6620	2.4	11	19	13310
88DTV36	.5	9550	15	1	55	.8	7	2680	2.4	13	9	15950
88DTV37	155.7	390	29	1	6	.3	7	760	3.3	7	214	4290
88DTV38	286.8	350	27	1	6	.3	7	3790	5.5	7	457	4590
88DTV39	22.5	960	19	1	19	.3	6	5510	2.7	8	40	4540
88DTV40	1.2	250	12	1	7	.3	6	7210	2.7	7	18	3230
88DTV4	152.0	2460	52	1	122	.8	5	26190	6.7	17	550	33580

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PE	SE	SR	TH
88DTV1	620	29	890	73	5	270	12	100	123	17	5	1
88DTV3	920	29	1200	401	5	270	12	90	91	7	11	1
88DTV6	1040	30	780	201	6	280	13	90	99	8	6	1
88DTS13	1780	32	3180	636	11	570	51	1140	19	4	107	1
88DTS15	2050	31	3950	590	20	440	70	1080	21	10	177	1
88DTS16	1670	31	3560	297	7	290	16	300	2772	2445	65	1
88DTS17	1980	29	15570	597	6	310	33	1010	1115	915	121	1
88DTS18	2000	29	3290	739	13	380	48	1180	44	20	47	1
88DTS19	950	29	2210	181	4	290	1	810	108634	12873	65	2
88DTS20	1960	29	12730	596	6	310	29	1070	339	113	130	2
88DTS21	2030	31	3570	767	8	340	51	970	427	149	67	1
88DTS22	1720	32	6160	221	10	310	25	730	139	33	35	1
88DTS23	2160	29	2820	324	13	400	59	1000	53	23	56	1
88DTS24	2170	30	11630	531	14	320	47	1040	59	25	82	1
88DTS25	920	31	3180	163	5	290	14	300	535	18	27	1
88DTS26	920	31	2240	84	7	290	10	410	8672	6257	24	1
88DTS27	630	29	830	23	8	270	1	860	24585	22053	37	2
88DTS28	1950	29	5140	348	6	490	45	1120	118	90	43	1
88DTS29	1200	30	4120	153	6	300	20	370	888	1191	30	1
88DTS30	2310	30	14820	610	5	320	35	1270	738	231	137	2
88DTS31	2000	30	15680	584	7	380	40	1140	95	39	160	1
88DTS32	1850	30	13940	484	10	420	41	1120	22	9	131	2
88DTS33	1790	67	7530	501	8	500	61	1050	18	5	30	1
88DTV34	1900	39	5640	416	4	540	19	610	19	5	13	1
88DTV35	2120	40	4990	451	5	650	16	630	19	5	30	1
88DTV36	1880	37	5520	316	5	660	24	620	13	3	16	1
88DTV37	690	32	800	51	5	300	11	90	491	174	6	1
88DTV38	690	31	850	67	5	320	9	100	1649	333	9	1
88DTV39	990	30	900	111	5	410	11	200	791	16	14	1
88DTV40	690	30	1580	63	5	280	11	90	38	6	23	1
88DTV14	2280	35	13440	513	8	380	37	910	170	323	103	2

PROJECT NO: 888006

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

FILE NO: 8-1164R/P1

ATTENTION: M. BELL

(604) 930-5814 OR (604) 988-4524

* TYPE ROCK GEOCHEM *

DATE: AUGUST 14, 1989

(VALUES IN PPM)	U	V	ZN	BA	SN	W	CR
88DTV1	3	7.4	45	1	2	6	176
88DTV3	3	9.3	88	1	1	4	148
88DTV6	4	7.9	64	2	2	7	199
88DTS13	1	23.4	247	1	1	1	40
88DTS15	1	28.5	156	1	1	1	50
88DTS16	2	11.9	522	1	2	1	158
88DTS17	1	21.6	3379	1	1	1	83
88DTS18	1	17.9	132	1	1	1	42
88DTS19	1	9.6	68996	1	1	1	206
88DTS20	1	19.2	304	1	2	1	67
88DTS21	1	19.5	709	1	1	1	110
88DTS22	3	25.6	292	1	1	4	141
88DTS23	1	22.6	254	1	1	1	47
88DTS24	1	25.7	167	1	1	1	73
88DTS25	3	10.0	1202	1	1	6	192
88DTS26	4	11.0	3152	1	2	1	170
88DTS27	3	7.0	7309	1	3	1	177
88DTS28	1	17.2	226	1	1	1	40
88DTS29	3	13.1	3715	1	1	2	192
88DTS30	1	20.6	546	1	1	1	47
88DTS31	1	19.3	230	1	1	1	48
88DTS32	1	17.0	152	1	2	1	38
88DTS33	2	47.2	167	1	1	1	53
88DTV34	3	27.0	37	2	2	1	73
88DTV35	2	17.9	34	2	2	2	80
88DTV36	3	23.7	34	2	2	1	63
88DTV37	5	7.5	28	2	2	7	208
88DTV38	5	7.4	123	1	2	5	189
88DTV39	4	6.2	56	2	2	6	195
88DTV40	4	7.3	18	2	2	7	186
88DTV14	1	28.7	188	1	2	2	97

COMPANY: HI TEC RESOURCE MANAGEMENT
 PROJECT NO: 888006
 ATTENTION: M.BELL

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5314 OR (604)986-4524

(ACT:FD1) PAGE 1 OF 3
 FILE NO: 8-1164R/P2+3
 DATE: AUGUST 14, 1988

(VALUES IN PPM)	AS	AL	AS	B	BA	BE	BT	CA	CD	CO	CU	FE
88DTV41	39.5	1150	31	1	23	.5	5	12230	3.3	8	61	8460
88DTV42	2.0	8180	12	1	67	.6	7	12650	2.7	11	16	13680
88DTV43	.8	1640	19	1	43	.7	7	150890	2.6	7	12	9260
88DTV44	2.2	310	11	1	14	.4	6	34130	2.4	7	23	3570
88DTV45	.6	16520	13	3	132	.8	7	4980	3.9	22	71	38150
88DTV46	1.4	9420	12	1	60	.6	6	11580	2.4	11	13	16170
88DTV47	.7	560	15	1	20	.4	6	26790	2.9	7	14	4290
88DTV48	951.8	170	69	1	14	.4	13	2910	54.9	8	8030	4620
88DTV49	4.8	170	15	1	4	.3	6	7990	2.6	7	36	3450
88DTV50	35.3	230	19	1	5	.3	6	1870	2.8	7	101	3350
88DTV51	9.3	2040	39	1	36	.3	7	970	5.3	9	50	10010
88DTV52	33.3	2700	41	1	39	.4	6	2080	2.7	9	67	12180
88DTV53	5.2	3730	26	1	61	.9	6	79660	3.0	9	60	12190
88DTV54	777.0	2460	260	1	42	.5	7	1030	45.3	10	2800	15570
88DTV55	19.8	1640	24	1	21	.3	6	10510	3.8	8	67	6540
88DTV56	154.5	1230	37	1	22	.3	5	26310	4.4	8	311	9970
88DTV57	268.3	1250	42	1	23	.3	6	33300	4.9	8	529	10270
88DTV58	2.5	1580	24	1	35	.3	6	16120	2.1	8	20	6550
88DTV59	3.8	5220	23	1	80	.5	5	9650	4.3	10	29	16450
88DTV60	828.0	1560	140	1	33	.4	7	1890	24.6	10	3410	13230
88DTV61	8.0	1710	29	1	30	.3	6	4320	2.4	7	34	6740
88DTV62	7.1	2140	32	1	35	.5	6	44200	2.5	8	26	12160
88DTV63	7.2	1470	22	1	54	.7	5	60210	5.4	8	24	10840
88DTV64	6.6	2420	34	1	44	.5	6	27900	2.1	9	33	12280
88DTV65	3.1	2240	78	1	26	.5	6	1180	2.6	12	12	19600
88DTV66	.8	1560	25	1	60	.9	6	98020	3.2	8	14	13330
88DTV67	.8	1130	32	1	33	.5	6	52570	2.1	7	11	6900
88DTV68	.9	500	17	1	12	.2	7	1060	2.1	7	36	5240
88DTJ69	1.6	270	24	1	8	.2	7	340	2.3	7	14	4340
88DTJ70	1.2	670	23	1	17	.3	7	1210	3.6	9	17	5110
88DTJ 71	19.8	510	28	1	12	.3	13	1180	5.1	7	11	7780
88DTJ 72	171.6	950	54	1	27	.4	38	340	11.5	8	17	7190
88DTJ 73	2.2	9860	21	1	109	.8	5	29130	14.9	11	11	25540
88DTJ 74	4.0	270	51	1	6	.2	9	280	4.9	9	8	14170
88DTJ 75	3.6	600	32	1	23	.3	6	280	2.9	8	11	8710
88VEF 2	4.3	430	28	1	13	.2	5	3010	2.5	7	13	7290

(VALUES IN PPM)	K	LI	MS	MN	MO	NA	NI	P	PB	SE	SR	TH
88DTV41	1110	28	2510	119	5	340	10	170	1755	14	50	1
88DTV42	2010	35	6370	350	4	660	19	520	26	4	54	1
88DTV43	1010	31	11930	579	5	290	10	190	25	6	602	1
88DTV44	660	29	1440	216	5	260	10	80	35	4	80	1
88DTV45	2360	39	9960	680	6	470	34	1040	22	1	24	1
88DTV46	1920	37	6430	396	4	630	14	540	16	2	48	1
88DTV47	740	29	5910	155	5	280	12	100	22	3	119	1
88DTV48	600	29	2360	30	8	270	1	290	110763	4883	75	1
88DTV49	630	29	960	104	5	280	11	80	229	22	8	1
88DTV50	660	30	770	70	5	280	12	90	481	64	6	1
88DTV51	1400	32	860	193	6	570	13	280	481	19	9	1
88DTV52	1440	32	1330	270	5	530	14	350	513	26	9	1
88DTV53	1560	32	3570	862	5	460	11	360	79	8	114	1
88DTV54	1660	30	860	126	6	460	4	310	7020	5985	11	1
88DTV55	1110	30	1350	105	5	290	12	150	80	44	16	1
88DTV56	1040	30	1260	438	6	370	11	160	768	193	108	1
88DTV57	1100	29	1350	517	5	350	10	160	1339	290	148	1
88DTV58	1400	30	980	214	5	390	12	210	28	13	43	1
88DTV59	2530	31	1490	458	5	780	13	600	27	15	10	1
88DTV60	1260	30	780	133	7	430	5	280	8084	2608	9	1
88DTV61	1390	30	970	122	5	300	12	130	68	20	24	1
88DTV62	1040	31	3710	272	5	480	11	260	44	14	159	1
88DTV63	1100	29	10630	351	5	430	11	290	21	6	421	1
88DTV64	1560	30	2130	352	5	560	12	380	20	14	42	1
88DTV65	1100	31	1310	195	5	670	17	350	44	6	10	1
88DTV66	1070	29	13400	746	5	350	9	220	22	6	615	1
88DTV67	1010	28	3750	376	5	290	10	150	19	3	105	1
88DT68	760	30	820	81	5	280	10	170	9	4	9	1
88DT69	710	31	750	43	6	280	13	150	59	5	6	1
88DT70	650	31	1200	366	6	290	18	140	32	5	7	1
88DTJ 71	780	31	880	29	6	280	7	150	5760	1	8	1
88DTJ 72	1040	34	840	32	8	310	1	130	30308	32	11	2
88DTJ 73	2520	36	9930	986	15	300	38	1410	423	1	67	1
88DTJ 74	670	31	740	25	6	280	11	130	3646	1	6	1
88DTJ 75	770	29	750	278	7	270	13	150	70	4	6	1
88VEF 2	700	29	720	127	6	270	14	100	74	6	20	2

PROJECT NO: 888006

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

FILE NO: 8-1164R/P243

ATTENTION: M.BELL

(604)980-5914 DR (604)938-4524

* TYPE ROCK GEOCHEM *

DATE: AUGUST 14, 1988

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR
88DTV41	1	8.5	101	1	1	3	189
88DTV42	1	19.2	44	2	2	1	105
88DTV43	1	7.9	12	2	2	1	83
88DTV44	1	8.0	12	2	2	4	170
88DTV45	1	62.1	148	1	2	1	89
88DTV46	1	23.7	35	2	2	1	84
88DTV47	1	8.1	14	2	2	4	165
88DTV48	1	7.2	4773	1	5	1	197
88DTV49	2	7.0	74	2	2	5	194
88DTV50	2	7.6	95	2	2	6	229
88DTV51	2	9.3	608	1	2	5	209
88DTV52	2	10.9	301	2	2	5	217
88DTV53	1	10.4	166	2	2	1	109
88DTV54	2	9.2	534	1	2	1	176
88DTV55	2	9.6	146	2	2	6	232
88DTV56	1	9.0	167	1	2	6	236
88DTV57	1	8.9	167	1	2	5	219
88DTV58	2	8.5	35	2	2	5	189
88DTV59	2	11.0	428	1	1	1	113
88DTV60	2	8.6	735	1	2	1	203
88DTV61	2	8.7	21	2	2	8	256
88DTV62	1	9.2	101	2	2	2	131
88DTV63	1	8.6	245	2	2	1	108
88DTV64	1	9.9	27	2	2	2	120
88DTV65	2	11.6	64	2	2	4	195
88DTV66	1	10.1	22	2	1	2	114
88DTV67	1	9.2	13	2	2	4	164
88DTS68	2	8.0	9	2	3	6	226
88DTJ69	2	8.0	9	2	2	7	237
88DTJ70	2	9.5	50	2	2	10	292
88DTJ 71	1	10.1	143	1	2	3	240
88DTJ 72	1	11.2	268	1	4	1	264
88DTJ 73	1	53.6	498	1	1	3	172
88DTJ 74	1	8.6	175	1	2	6	285
88DTJ 75	1	9.3	54	2	2	9	300
88VEF 2	1	8.8	28	2	2	12	350

APPENDIX V

Statement of Costs



STATEMENT OF COSTS

CANOVA RESOURCES LTD.
VERA PROPERTY
PROJECT 88BC006

PHASE III: Work Period July 21 - August 21, 1988

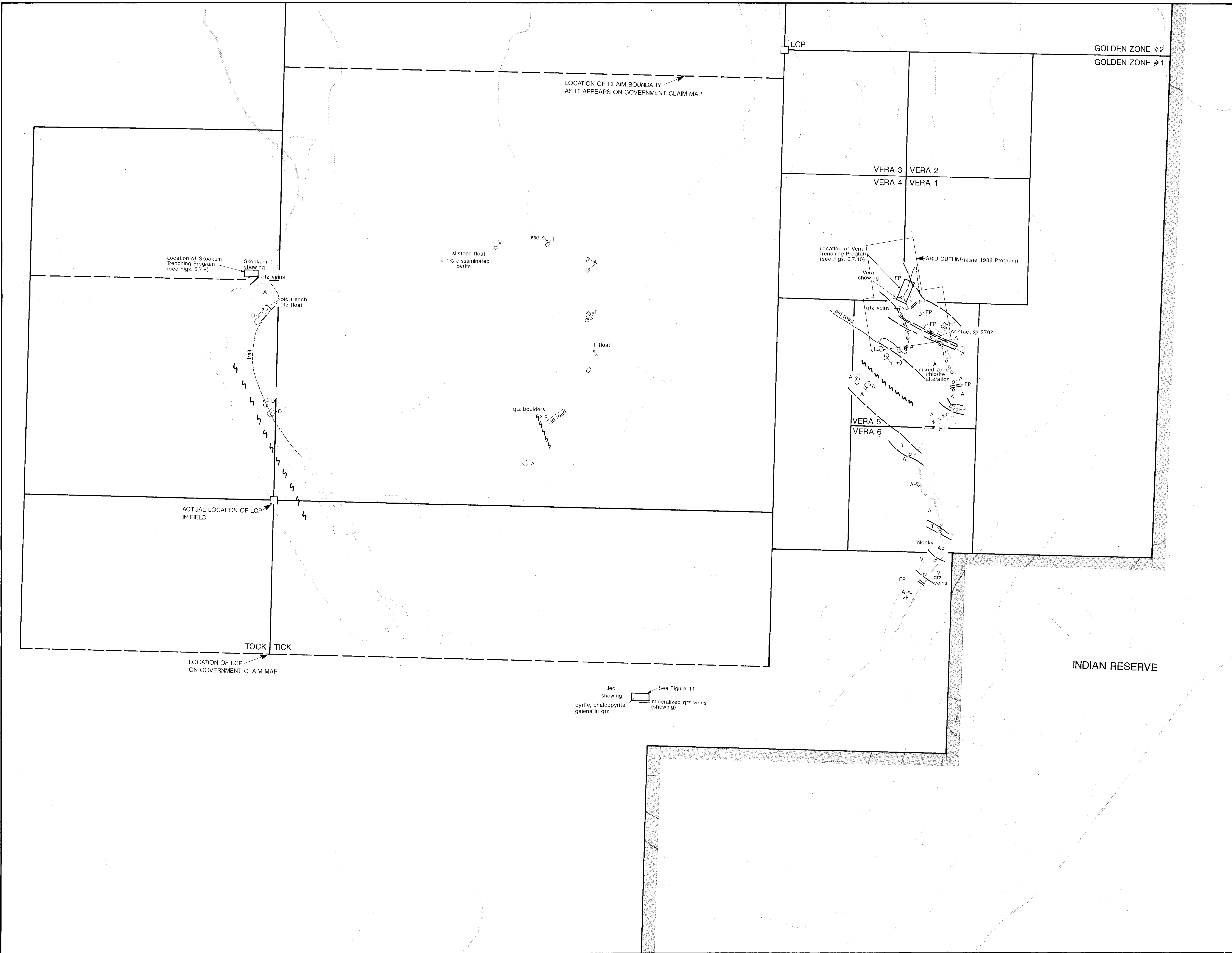
Salaries

D. Thompson, geologist		
17 days @ \$300/day	\$ 5,100.00	
E. Freeze, prospector		
13 days @ \$250/day	<u>3,250.00</u>	
		\$ 8,350.00

Project Expenses

Project Preparation		2,022.50
Mobilization/Demobilization		1,410.70
Geochemistry		
77 assay sample prep @ \$3.75/sample	\$ 288.75	
77 silver-gold assays @ \$15/sample	1,155.00	
66 rock geochem - 31 element ICP		
@ \$7/sample	462.00	
Misc. Lab Charges	<u>109.12</u>	
		2,014.87
Excavating-Trenching		
Komatsu Excavator 90 hrs @ \$90/hr	\$8,100.00	
Mob/Demob of Excavator	<u>560.00</u>	
		8,660.00
Drilling and Blasting		
Mob/Demob	\$ 260.00	
Supplies	1,047.41	
21 hrs @ \$135/hr	<u>2,835.00</u>	
		4,142.41
Maps, Reproduction, Communications		148.63
Field Supplies		107.09
Domicile 13 days @ \$75/day		975.00
Truck Rental and Fuel 13 days @ \$125/day		1,625.00
Accounting		350.00
Assessment Filing		
H. Grond 1 day @ \$325/day	\$ 325.00	
Filing Fees	<u>1,230.00</u>	
		1,555.00
Report Compilation and Drafting		4,500.00
15% Project Management Fee		
(not charged on salaries)		<u>3,609.65</u>
TOTAL COST		\$39,470.85





LEGEND

- D Diorite
- FP Feldspar Porphyry Dyke
- V Andesite
- Ab Blocky Argillite
- A Argillite
- T Tuff
- Road
- - - Track (not drivable)
- Geological contact
- - - assumed
- observed
- + attitude
- outcrop
- x float
- fault
- ← adit
- 88G7 rock sample location (not on grid)

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

17,928

0 100 200 300 metres

CANOVA / EXPEDITOR

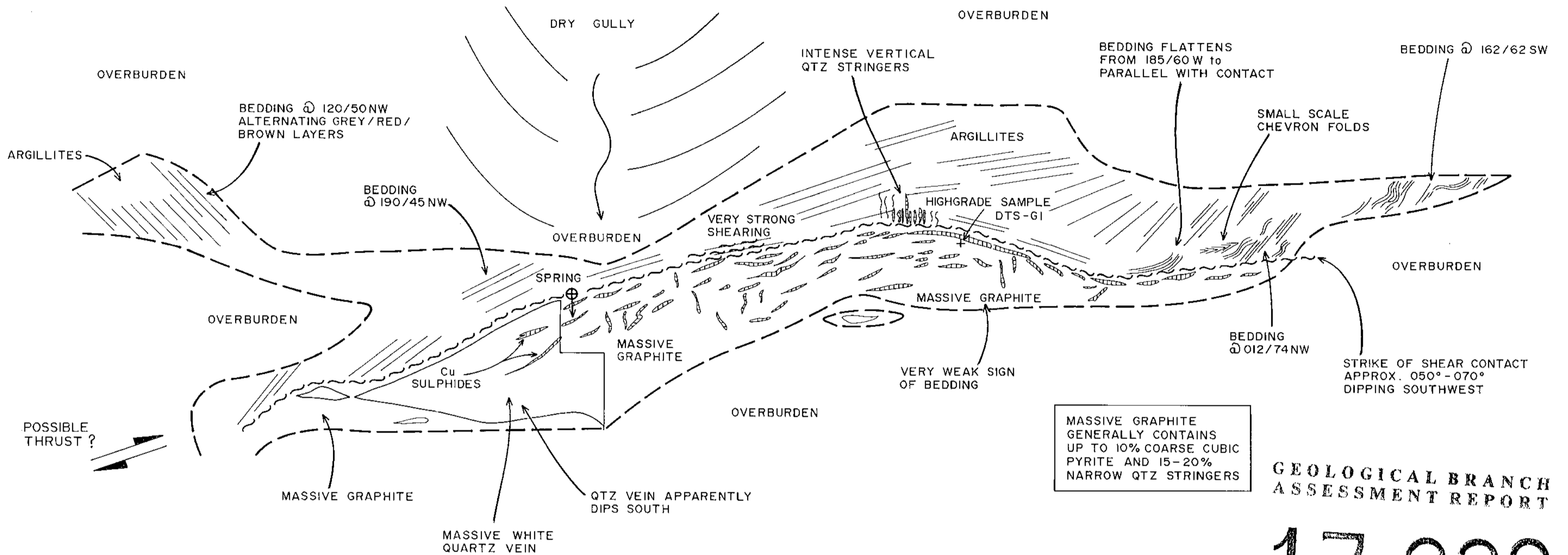
VERA and SKOOKUM GROUPS

PROPERTY GEOLOGY MAP
and
TRENCH SITES

	SCALE: 1 : 5,000	N.T.S.: 82L/SW	FIGURE No.:
	DWN. BY: H.V.	DATE: July/88	4
CHKD. BY: H. Grand	PROJECT No.:	FILE No.:	
	88EC 006	G-C-13	

WEST

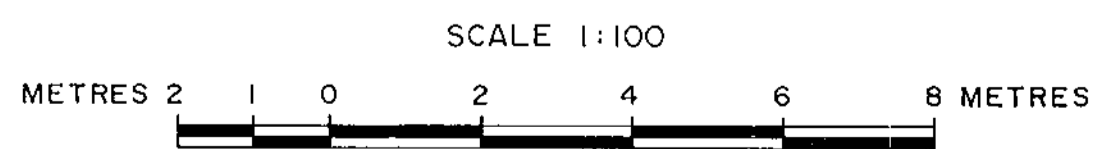
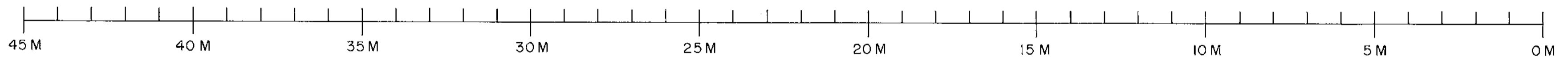
EAST




MASSIVE GRAPHITE
 GENERALLY CONTAINS
 UP TO 10% COARSE CUBIC
 PYRITE AND 15-20%
 NARROW QTZ STRINGERS

GEOLOGICAL BRANCH
 ASSESSMENT REPORT

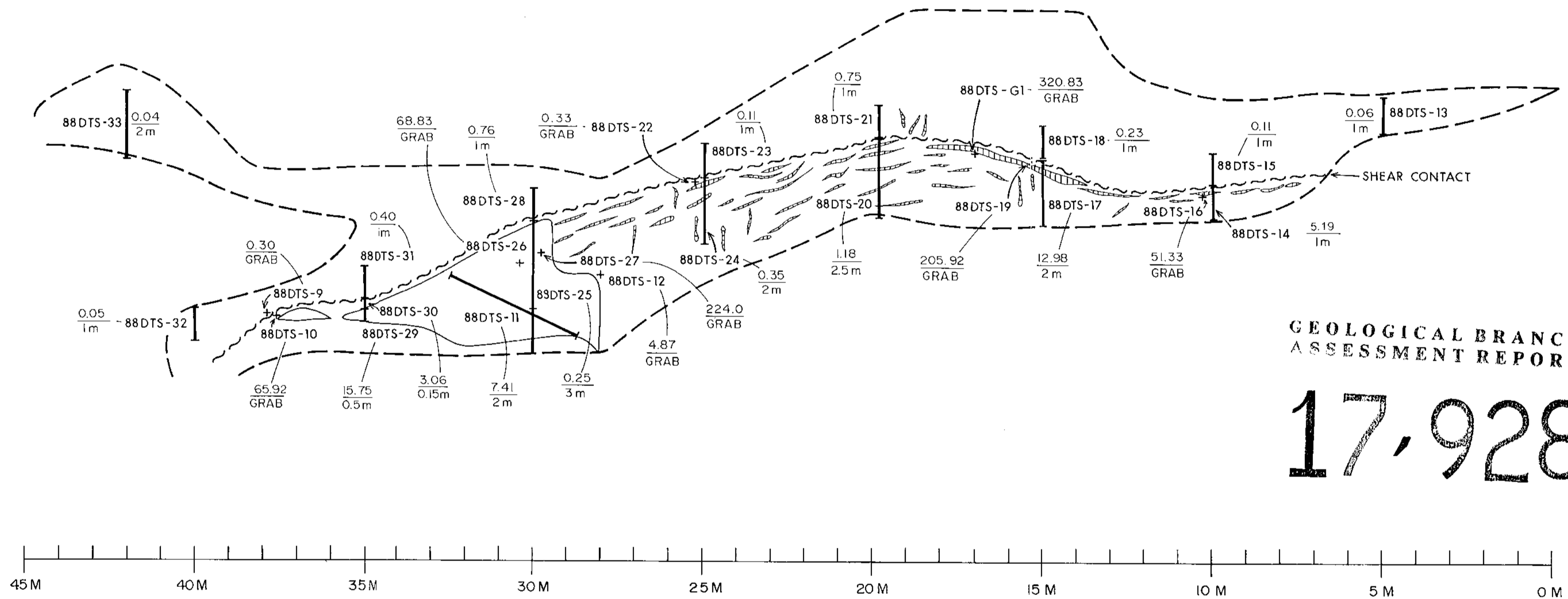
17,928



CANOVA / EXPEDITOR		
VERA and SKOOKUM GROUPS		
SKOOKUM TRENCH GEOLOGICAL CROSS-SECTION		
 HI-TEC RESOURCE MANAGEMENT LTD	SCALE: 1:100 DWN. BY: J. Serwin CHKD. BY: H. Grund	N.T.S.: 82L/6W DATE: Oct./1988 PROJECT No: 88 BC006
		FIGURE No: 7 FILE No:

WEST

EAST



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,928

LEGEND

$\frac{12.98}{2m}$ - Ag (oz/Ton)
Length

88 DTS - SAMPLE PREFIX

— CHANNEL SAMPLE, NUMBER

+ GRAB SAMPLE, NUMBER

SCALE 1:100



CANOVA / EXPEDITOR

VERA and SKOOKUM GROUPS

SKOOKUM TRENCH
CHANNEL SAMPLE LOCATIONS

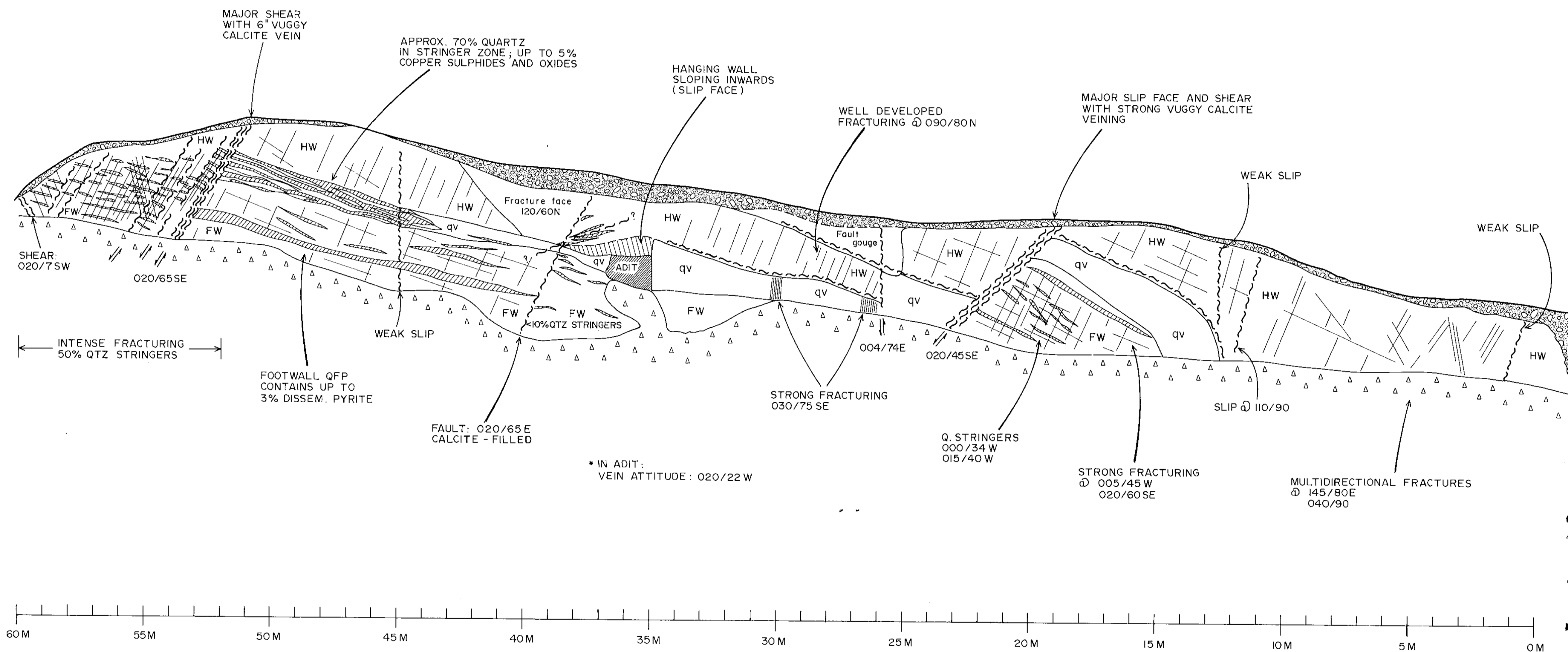


HI-TEC
RESOURCE MANAGEMENT LTD

SCALE: 1:100	N.T.S.: 82L/6W	FIGURE No: 8
OWN. BY: J. Serwin	DATE: Oct./1988	FILE No:
CHKD. BY: H. Grand	PROJECT No: 88 BC 006	

SOUTH

NORTH

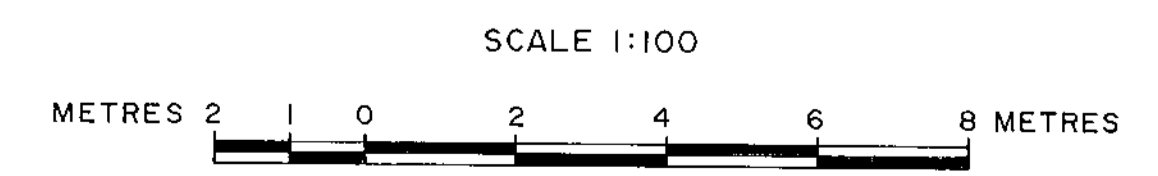


GEOLOGICAL BRANCH ASSESSMENT REPORT

17,928

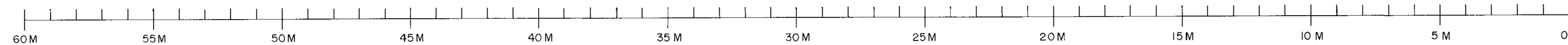
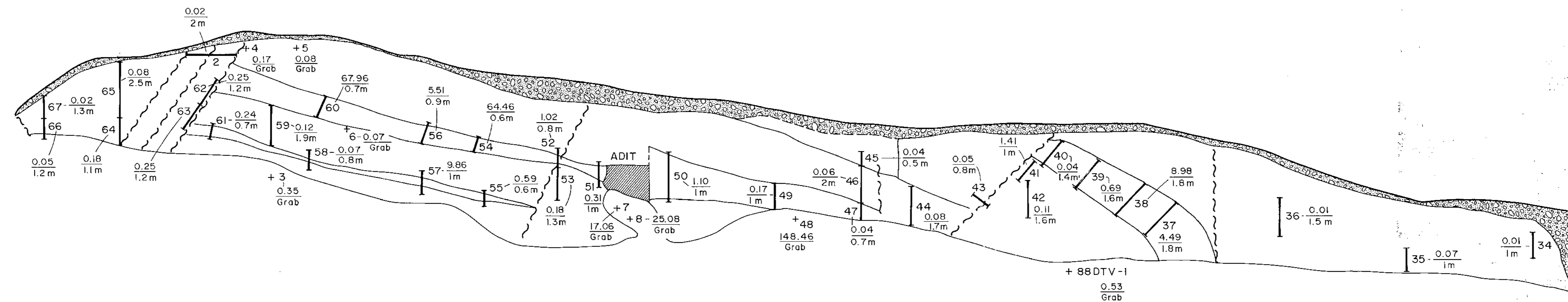
LEGEND

- GLACIAL OVERBURDEN
- QUARTZ VEIN
- HANGING WALL QUARTZ FELDSPAR PORPHYRY
- FOOTWALL QUARTZ FELDSPAR PORPHYRY
- QUARTZ STRINGERS
- TRENCH FLOOR RUBBLE
- SHEAR / FAULT



CANOVA / EXPEDITOR		
VERA and SKOOKUM GROUPS		
VERA TRENCH		
GEOLOGICAL CROSS-SECTION		
SCALE: 1:100	N.T.S.: 82L/6W	FIGURE No: 9
DWN BY: J. Serwin	DATE: Oct/1988	
CHKD BY: H. Grand	PROJECT No: 85 SC006	FILE No:



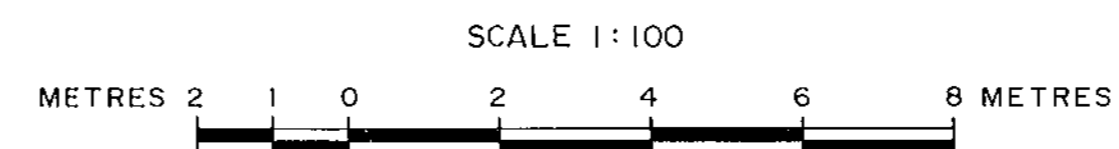


GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,928

LEGEND

- $\frac{67.96}{0.7m}$ - $\frac{Ag (oz/Ton)}{Length}$
- 88 DTV - SAMPLE PREFIX
- CHANNEL SAMPLE, NUMBER
- + GRAB SAMPLE, NUMBER

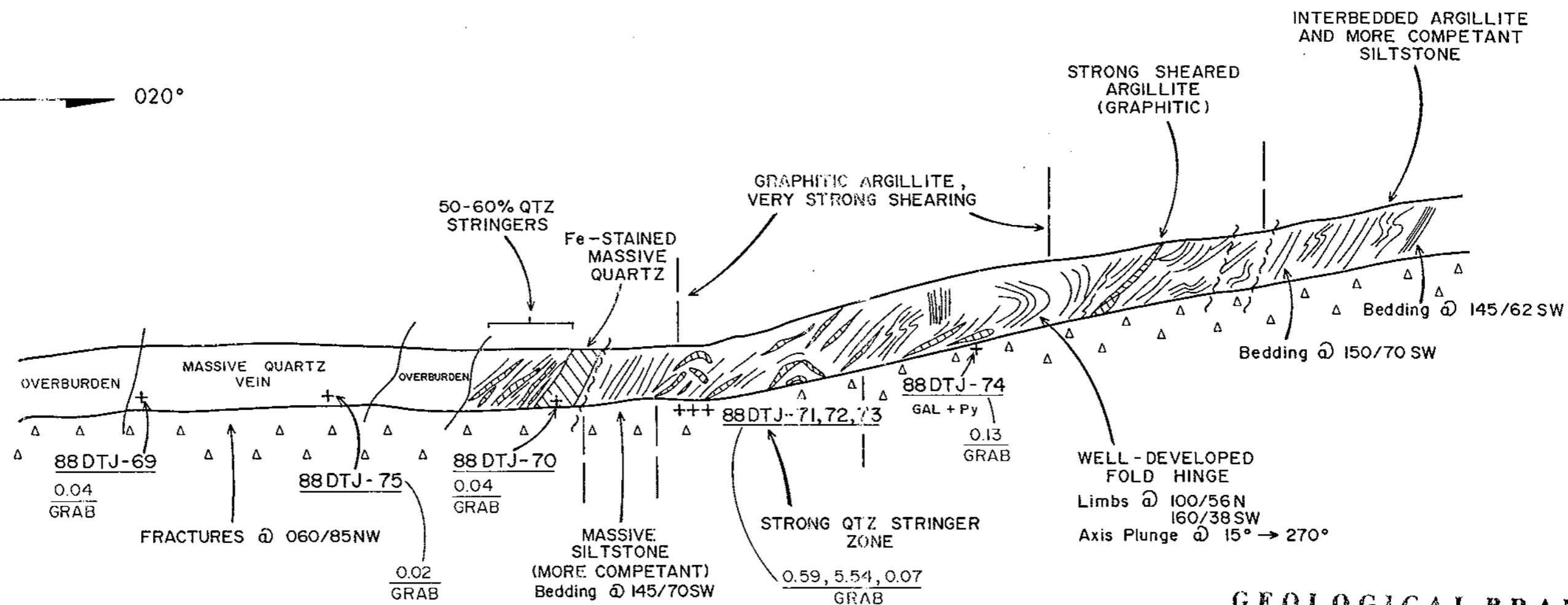


CANOVA / EXPEDITOR			
VERA and SKOOKUM GROUPS			
VERA TRENCH			
CHANNEL SAMPLE LOCATIONS			
SCALE: 1:100	N.T.S.: S2L/6W	FIGURE No.:	10
DWN BY: J. Serwin	DATE: Oct. 1988	FILE No.:	
CHKD. BY: H. Grund	PROJECT No.:	FILE No.:	

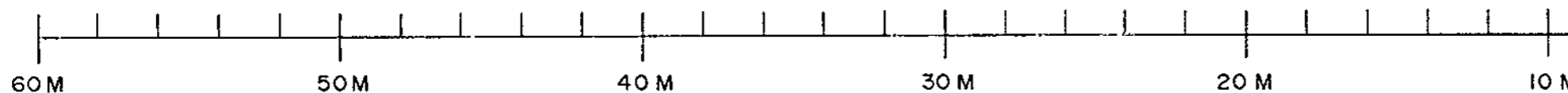
SOUTH

NORTH

020°



GEOLOGICAL BRANCH
ASSESSMENT REPORT



17,928

LEGEND

- + GRAB SAMPLE LOCATION
- QUARTZ STRINGER
- DISTINCT LATER-STAGE FAULT
- △ TRENCH FLOOR RUBBLE
- 0.13 - Ag (oz/Ton)

SCALE 1:200



CANOVA / EXPEDITOR			
VERA and SKOOKUM GROUPS			
JEDI SHOWING TRENCH SKETCH			
	SCALE: 1:200	N.T.S.: 82L/6W	FIGURE No: 11
	OWN. BY: J. Serwin	DATE: Oct./1988	
	CHKD BY: H. Grand	PROJECT No: 88 BC 006	