

87-17-15777

1/88

ASSESSMENT REPORT
 ON
 GRID ESTABLISHMENT, SOIL GEOCHEMISTRY
 MAGNETOMETER SURVEY, VLF-EM SURVEY
 GEOLOGICAL MAPPING AND TRENCHING
 ON THE
 HJ PROPERTY
 LILLOOET MINING DIVISION, BC

92J 15E

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,777

H J and H J 3-6 Mineral Claims
 Latitude: 50 51' North
 Longitude: 122 41' West
 Owner: 50% Keron Holdings Limited
 50% W.A. Cook
 Operator/Optioner: Pilgrim Holdings Inc.
 c/o Dawson Geological Consultants Ltd.
 STE. 203 455 Granville Street
 Vancouver, BC V6C 1T1
 Report by: Otter Exploration Services Ltd.
 Frederick L. Wynne, P. Eng
 Date: October 2, 1986

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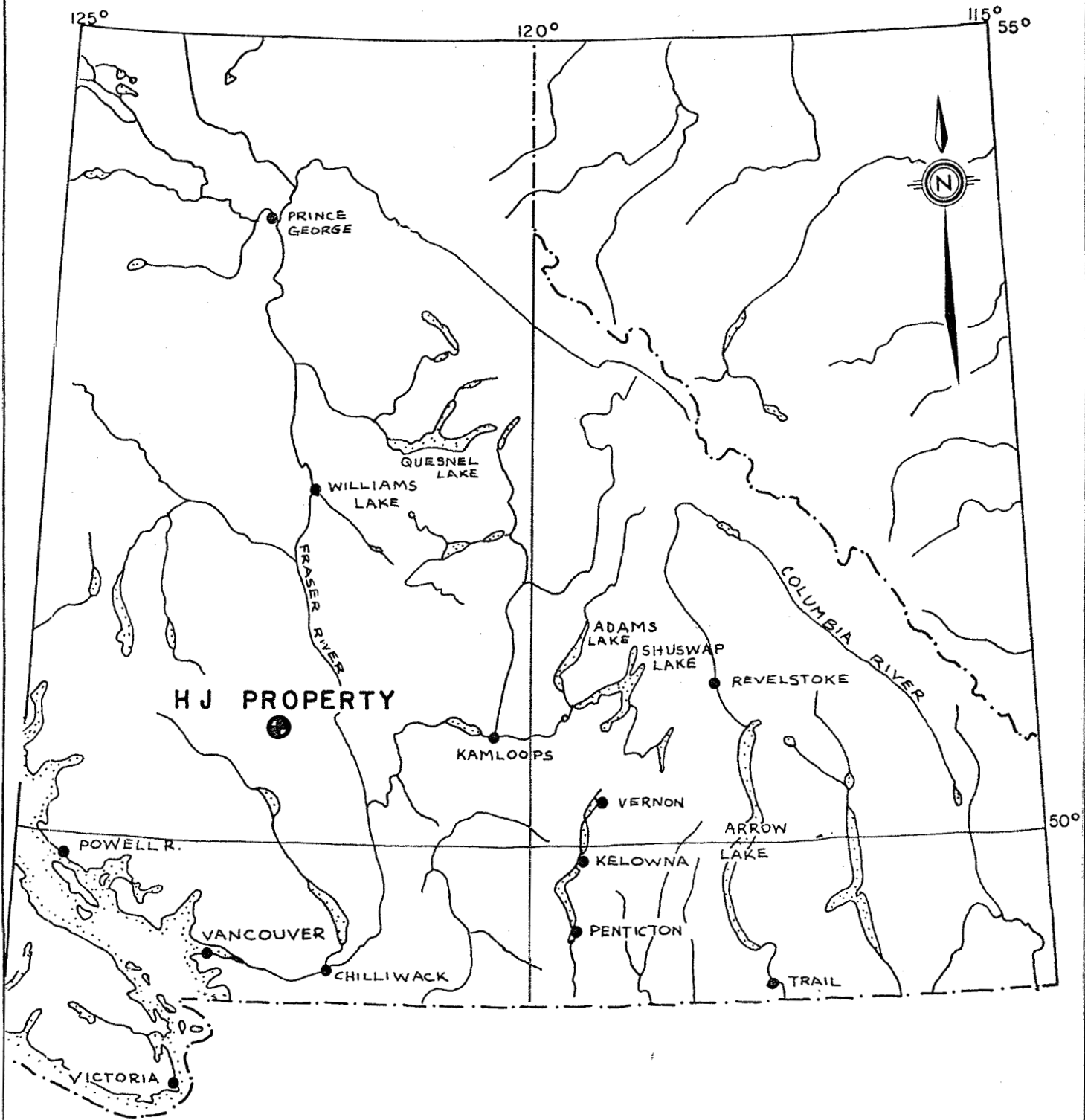
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INTRODUCTION

The H J Property is located approximately 10.5 km 080 degrees from the town of Goldbridge, BC, NTS 92J/15E, and is accessible from Goldbridge by 20 km of logging road which follows the south shore of Carpenter Lake and climbs southerly into the valley of Truax Creek. It has been known since the 1920's, when it saw some work by Cadwallader Gold Mines and was known as the Mary Mac. Apart from some minor production in the mid-1960's the property was dormant until optioned by Keron Holdings in 1980. Since then a number of exploration programs, including 11 DDH by Andaurex in 1983, have led up to the present program. The 1986 program, under an option to Pilgrim Holdings Inc. comprised establishment of a chained and flagged grid, soil geochemistry, VLF-EM, Magnetometer, Trenching and 1:5,000 scale geology. The work was done between July 1 and August 22, 1986.



PILGRIM HOLDINGS INC.

LOCATION MAP

HJ PROPERTY

LILLOOET MINING DIVISION, BC.

Date: September 1986

Scale: 1" = 64 miles

Drawn by: *BW*

Fig: 1-86-1

SUMMARY AND CONCLUSIONS

1. The H J property consists of five MGS claims covering an area of approximately 79 units (1975 hectares) located in relatively steep terrain in the Bridge River District of southwestern British Columbia and is road accessible.

2. Prospecting on the subject property probably began in the 1920's with the intense exploration activity surrounding the exploration and development of the Bralorne mine some 10 kilometres to the southwest. Minor trenching and tunnelling took place in the early 1930's when the property was known as the Mary Mac. An attempt was made to develop the antimony potential of the property in the 1960's. Some tunnelling and mining was done, a small mill was constructed and several small shipments of concentrate were made. The property was optioned to Keron-cook in 1980 and detailed geological and geochemical surveys were performed. Hudson's Bay Oil and Gas (latterly Dome Petroleum) optioned the property in 1981 and performed extensive road construction, trenching and rock and soil geochemical surveys. Andaurex Resources Inc. optioned the property from Dome in 1983 and cored 11 diamond drill holes aggregating 2,861 feet. The property reverted to Keron-Cook in 1984 and was optioned to Pilgrim Holdings Inc. in 1985.

3. The claims are underlain by highly deformed metasediments and metavolcanics of the Fergusson Group intruded by a number of northwest trending feldspar porphyry dikes and a large ultrabasic body. Mineralization consists of weak molybdenum and traces of copper in a very low grade porphyry system to the east. Gold mineralization is associated with quartz - stibnite vein zones.

4. The 1986 exploration program of Geochemistry, Magnetometer, VLF-EM and trenching has added significantly to the understanding of property.

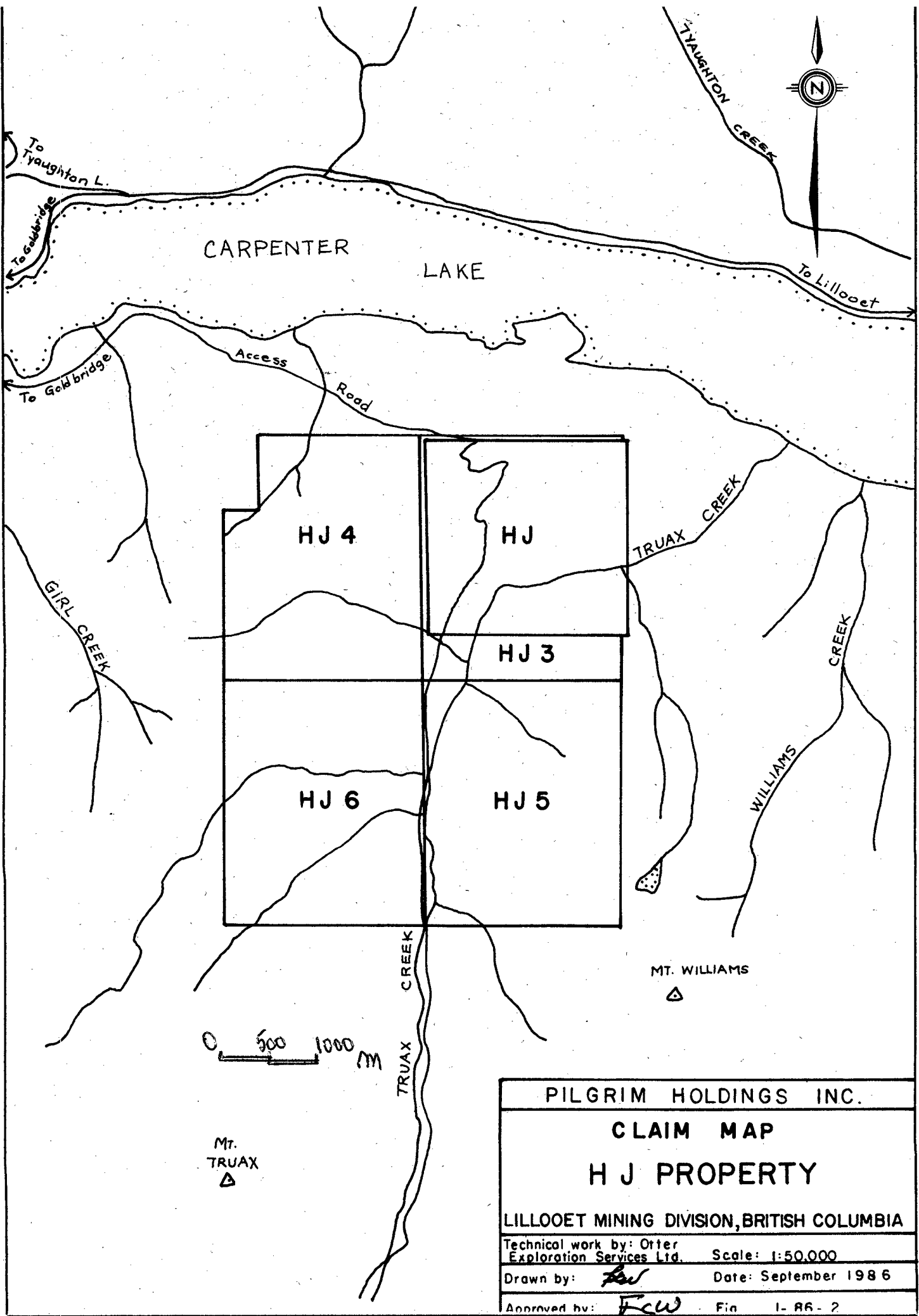
5. Gold bearing quartz - stibnite shears in the Main and South Zones have been confirmed by trenching. They are definitely open to the west and the size and grade of these zones warrants further work. The Au bearing shear in trench 12 also warrants further work.

PROPERTY

The H J property consists of five contiguous metric claims, totalling 96 units, but the H J claim is almost totally overlain by H J#3 (see figure 1-86-2). The area covered is about 79 units. Pertinent claim data is as follows:

<u>Claim</u>	<u>Record Number</u>	<u>Expiry Date</u>
H J	303	May 17, 1990
H J #3	1215	January 24, 1990
H J #4	1216	January 24, 1990
H J #5	1217	January 24, 1990
H J #6	1218	January 24, 1990

These claims are owned 50% by Keron Holdings Ltd. and 50% by W. A. Cook, and are currently optioned to Pilgrim Holdings Inc.



PILGRIM HOLDINGS INC.	
CLAIM MAP	
H J PROPERTY	
LILLOOET MINING DIVISION, BRITISH COLUMBIA	
Technical work by: Otter Exploration Services Ltd.	Scale: 1:50,000
Drawn by: <i>FW</i>	Date: September 1986
Approved by: <i>FW</i>	File: I-86-2

LOCATION AND ACCESS

The property is located in the Bridge River District of southwestern British Columbia about 55 kilometres west northwest of the town of Lillooet and approximately 10 kilometres 080 degrees from the village of Goldbridge. The approximate geographic center of the property is at 50 51' north and 122 41' west.

The claims straddle the valley of Truax Creek, a northerly flowing stream which bends northeasterly in the northeast portion of the property. The valley of Truax Creek is steep sided with several deeply incised tributaries flowing in from the east and west. Elevations vary from 1000 to 1500 meters from north to south along the valley of Truax Creek. Elevations at the top of the slopes east and west of Truax Creek vary from 1700 to 2500 meters a.s.l.

The area is heavily wooded with mature spruce and fir except above treeline and in slides of scrubby alpine brush. Treeline in this region is at roughly 1700 m a.s.l. Some recent logging has taken place in the central part of the claims.

The property is accessible via about 20 kilometres of gravel logging road east from Goldbridge. Goldbridge is accessible by good travel road from Lillooet and poor quality gravel road from Pemberton.

HISTORY

This property was probably first prospected in the 1920's and 1930's when extensive exploration activity took place around the time of the discovery and development of the Bralorne mine. In 1932 it was known as the Mary Mac and was optioned to Cadwallader Gold Mines Ltd. Some minor stripping and tunnelling was done on two veins carrying pyrite, arsenopyrite, stibnite and magnetite. Samples taken in this period assayed "\$17.60 in gold/ton over 8 feet 6 inches and \$18.00/ton across 70 inches.

There is no record of any subsequent work until the property was acquired by H. J. Street in the mid-1960's. Mr. Street attempted to develop antimony ore by driving at least 3 short tunnels on two separate zones (main zone and north zone). He constructed a 10 ton/day mill and made several small shipments of stibnite concentrate to Montana.

In 1980, Keron Holdings Ltd. optioned the property and carried out a programme of geological mapping and geochemical soil sampling. This programme outlined a large area of anomalous values in copper, molybdenum, arsenic and gold. Hudson's Bay Oil and Gas Co. optioned the claims from Keron in 1981.

In 1981, Hudson's Bay Oil and Gas was taken over by Dome Petroleum Corp. which subsequently optioned the H J property to Andaurex Resources Inc. In 1983, Andaurex carried out a programme of surface diamond drilling on the south, Main and North Zones totalling 2,861 feet in 11 holes. Although the results were encouraging, Andaurex declined to continue their option and the property was returned to Dome Petroleum in late 1983.

In late 1984, because of financial problems, Dome declined to continue their option and the property was returned to Keron Holdings Ltd.

In June, 1985 the property was optioned to Pilgrim Coal Corporation, subsequently Pilgrim Holdings Inc., which financed the 1986 exploration program.

GEOLOGY

The property is underlain by metamorphosed sediments and volcanics of the Middle Triassic Fergusson Group. A number of feldspar porphyry dykes intrude the older rocks near the Main and North Zones, and to the north of these zones lies a large body of serpentinite.

During this project the central part of the property along Truax Creek in the vicinity of the main zones was examined in some detail, while widely spaced traverses were made over the rest of the property. Twenty-one rock samples numbered HJ86-1 through 21 were taken during this work. The results appear on figure 1-86-3 and in Appendix D. Generally speaking there is no outcrop west of Truax Creek except for a few ridge tops, creek gorges and road cuts. The results of this work are shown on figures 1-86-3, 7, 8 and 9. Diamond drilling data, where presented, is from Kerr, 1983 (reference 2).

Figure 1-86-3 shows property geology on 1-5,000 scale. Most of the property appears to be underlain by unit 3, andesite, which is generally dark green, massive and barren, although commonly with 1-2% pyrite or pyrrhotite. Zones of fracturing within the andesite carry pyrrhotite and pyrite up to 10% mainly as fracture films which give rise to some of the VLF anomalies.

Unit 2, ribbon chert is a light colored siliceous rock with alternating 3cm massive siliceous bands and 1-3cm argillaceous partings. This rock is reported to be much older than the andesite (pers. comm. Church, 1986) but on this property it occurs as highly folded bands and slices intimately intermixed with the andesite. Narrow sections of Unit 1, argillite are probably a part of the chert sequence.

Unit 4, feldspar porphyry occurs in the Main and North Zone areas and is a greyish, medium grained feldspar to feldspar-hornblende porphyry. It can carry up to several percent pyrite and could be related in some way to the Main and North Zone AuSb mineralization.

Unit 5, ultramafic, is strongly sheared serpentinite and outcrops near the North Zone. It was exposed in Trenches 10 and 11 and on the access road to them. There are several small "slices" at the North Zone, and the presence of a large serpentinite body north and west of there is inferred from the magnetometer survey.

Unit 6 is not truly a rock unit but probably an alteration. It occurs in the footwall of north-dipping AuSb zones and cuts all other rock units. The altered rock is light green in color, very hard, skarn-like in appearance and composed mainly of silica and feldspar. It is commonly highly fractured and adjacent shearing develops a strong light blue-grey clay gouge.

A small area of calcareous metasediment was seen on the peak at the south end of line 12+ 00 NW. This red and green, brecciated calcareous metasediment with white calcite fill was not seen at any other locality.

Generally speaking the property shows the effects of proximity to the porphyry molybdenum system located on the major peak to the east. The quartz stibnite zones that are the target of this project may be radial vein/shear zones related to this system, but otherwise there is no obvious relationship between the quartz stibnite zones and property geology.

GRID ESTABLISHMENT

The grid establishment to control subsequent surveys comprised a 1.8km baseline and 27.85km of chained and flagged crosslines. Crosslines run 020' and are spaced 200 meters apart. As the terrain is very steep estimated slope corrections were made.

GEOCHEMISTRY

A geochemical soil survey was conducted with 50m sample spacing over the entire grid and baseline, for a total of 594 samples. Samples were taken from the top of the paleo-soil horizon immediately below the layer of recent (4000 years) volcanic ash which mantles the property. This ash ranges from a few inches to several feet thick and necessitated the digging of deep holes with a grubhoe for soil samples. While all efforts were made to assure sample quality this ash is a major problem and some samples may be of questionable quality. Samples were placed in standard kraft geochemical envelopes and shipped to Acme Analytical in Vancouver for analysis. Here the sample was dried and sieved to -80 mesh. Gold analysis was done with 10 gm ignited, hot aqua regia leached, MIBK extraction and AA analysis. The analytical results are attached in Appendix D and plotted on Figure 1-86-4 (in pocket) and can be summarized as follows:

The 594 samples fall into 3 ranges:

0-20 ppb Au	503 samples
21-50 ppb Au	50 samples
51-6600 ppb Au	41 samples

	594

The samples above 51 ppb Au are considered worthy of further attention even though a statistical threshold for the overall population would fall around 200 ppb Au. Significant anomalies (2 or more samples <50 ppb Au) occur at 5 locations.

1. The anomaly at line 6+00 SE, 17-18+50 SW and extending eastward across lines 4+50 SE and 2+00 SE is apparently related to sporadic very low gold values in sulfide bearing andesites. While it and the single sample high at 2+00 SE 15+50 SW flank the south zone, there is no geochemical sign of the zone, probably due to a combination of the 50m sample spacing with the relatively narrow 1m width of the zone.
2. The anomaly at line 6+00 SE, 12-13+00 SW also appears to originate in low values in pyrrhotite-bearing andesite, exemplified by the 495 ppb Au encountered in Trench 14.

3. The anomaly on line 6+00 SE, 8-8+50 SW may reflect an extension of the main zone along the shear encountered in trench 12 at 45m, or another parallel zone.

4. The anomaly on line 4+50 SE, 5+50-6 SE, while appearing to correlate with the North Zone, is in a talus slide and is questionable, while Trench 16 on this anomaly at line 2+00 SE did not reach bedrock.

5. The very high values on the baseline at 5 and 5+50 SE were Trenched (Trench 10,11) exposing mainly sheared ultramafic rocks, with the highest results being a spot value of 720 ppb Au in Trench 11 and a 5m chip with 125 ppb Au in Trench 10. There is not yet a satisfactory explanation for the extremely high soil values.

MAGNETOMETER SURVEY

A Magnetometer survey was run over all the crosslines, on 25 meter stations, for a total of 27.85 line km. The baseline was not surveyed. An EDA PPM 350 field magnetometer, reading vertical component of total field and an EDA PPM 400 base station magnetometer were employed for the survey. With this system the base station automatically records the base station reading each 20 seconds during the survey day. Each evening the base and field instruments are connected together and to a printer, and using the recorded base station data computer corrected readings are printed out. These corrected readings, minus a base value of 55,000 gammas, are plotted on figure 1-86-5 in pocket.

Figure 1-86-5 is dominated by a large magnetic high along the baseline (1) that appears to represent an area underlain ultramaficrocks. Smaller ultramafic bodies near the North Zone do not show up on the magnetometer. The high near the north ends of lines 0+00 and 2+00 SE (2) is probably another ultramafic body, while the high on line 4+50 SE, 13+00 SW (3) arises in the pyrrhotite rich andesites exposed in Trench 14.

Generally the Magnetometer Survey is useful for geological interpretation but it does not show expected lows over the quartz-stibnite zones.

VLF-EM SURVEY

A VLF-EM survey was run over all the crosslines at 25 meter stations for a total of 27.85 line km. A Sabre Electronics Model 27 instrument was employed, using the Cutler, Maine transmitter and facing east. Tilt angle data were recorded and filtered values were calculated for each between-station interval using the Fraser Filter Method as shown on Figure 1-86-6. This method permits anomalies to be contoured on a plan map and aids in interpretation, as crossover show up as high positive filtered numbers. Negative Fraser Filter numbers are not plotted nor contoured.

Based on the results at the South Zone, a Fraser Filter value of 10 would appear to be significant on this property. There are quite a number of +10 anomalies on figure 1-86-6, but the majority of those west of line 0+00, and on the other lines north of the baseline probably arise in steep topography. One exception might be the anomaly at 5+00 SW on line 4+00 NW (1) roughly on trend with the Main and North Zones.

The 3 anomalies along (2-4) line 0+00 near the LCP may be of interest, but are in an area of deep overburden (2-4).

Five anomalies appear mainly on lines 4+50 and 2+00 SE south of the Main Zone. The northerly 3 (5-7) are probably related to pyrrhotite on fractures in andesite, as exposed in Trench 14 and in outcrop along the creek. The anomaly over the South Zone (8) appears to be related to the shearing adjacent to mineralization in that zone, and proved very useful in helping to trace the zone to the west. The anomaly at the south end of these lines (9) is of unknown origin but appears to warrant investigation as time permits.

TRENCHING AND MINERALIZATION

Seventeen trenches were dug using a Cat 225 hydraulic excavator to investigate the geophysical and geochemical anomalies and to extend the known quartz-stibnite zones. These trenches were sampled and mapped in detail wherever bedrock was encountered, for a total of 110 rock chip samples. Samples were sent to Acme Analytical Laboratories and analyzed by geochemical methods, with any high values checked by fire assay. The analytical reports are attached in Appendix D, and the results plotted on Figures 1-86-7,8 and 9.

Trenches 1,2,5,6 and 9 exposed South Zone mineralization. This zone is now exposed over a 220 m strike length, with values as follows:

<u>Trench</u>	<u>From-to</u>	<u>Width (m)</u>	<u>ppb</u>	<u>Au</u>	<u>Oz/t</u>
1	6-6.9m	0.9m	19,000		0.569
2	9-11	2.0	2,430		0.070
	11-11.8	0.8	15,000		0.441
5	14-14.5	0.5	9,110		0.288
	14.5-15	0.5	22,000		0.651
6	15-16.8	1.8	3,100		0.092
	16.8-17.2	0.4	7,220		0.206
	17.2-19	1.8	22		
	19-20	1.0	7,360		0.209
	20-21.5	1.5	2,830		0.071
9	11-12	1.0	7,660		0.215
	12-13	1.0	5,960		0.162
	13-14	1.0	3,630		0.098

While averaging gold values of this nature might be misleading, it is permissible at this early stage of exploration. Averaging just the central, higher zones of each trench gives the following results.

<u>Trench</u>	<u>From-to</u>	<u>Width (m)</u>	<u>ppb Au</u>	<u>oz/t</u>
1	6-6.9	0.9	19,000	0.569
2	11-11.8	0.8	15,000	0.441
5	14-15	1.0	15,555	0.470
6	19-20	1.0	7,360	0.209
9	11-13	2.0	6,810	0.189
		-----	-----	-----
		1.14m	11,515	0.337

There appears to be one continuous zone of this mineralization over the 220 m strike length covered by these trenches. The two similar zones in trench 6 (15-17.2 and 19-21.5) are probably a repeat caused by a small fault offset.

It is not known what happens to the zone east of Trench 1, as Trenches 7 and 8 both exposed only andesite.

The zone is definitely open to the west, although in Trench 9 the shear zone in which it lies has widened and is only partly mineralized.

There is no clear relationship of the South Zone mineralization to surrounding geology. It appears related to a zone of light colored silica-feldspar, somewhat skarn-like alteration that usually lies in the zone footwall, and it probably crosscuts the surrounding argillite and andesite.

Trench 17 exposed Main Zone mineralization at two locations 32 meters apart, and these are thought to be two separate zones, with barren ribbon chert between. At the south end of the trench two samples (5-6m) on one shear averaged 7767 ppb Au over 27.5 cm. The zone 32m to the north (38-39.5m) grades 9437 ppb Au over 1.5 m. These are both relatively flat north dipping shear zones and their relationship to similar mineralization encountered in 1983 DDH T83-02 and 05 is not clear. The zone at 5-6 m has a felsic-silica footwall alteration similar to the South Zone mineralization which lies some 890m to the south.

Trench 12 encountered a rusty shear zone 20 cm wide from which a grab sample ran 21,500 ppb Au. This zone is not stibnite bearing and appears to lie to the south of any projection of the Main Zones in Trench 17. It warrants further investigation.

None of the remaining trenches encountered Au values of interest, although they did help the overall understanding of the property. A summary of Trenching follows:

<u>Trench</u>	<u>Length(m)</u>	<u>Rock Chip Samples</u>	<u>Fire Assay Checks</u>	<u>Comments</u>
1	29m	14 AgSbAu	2 Au	South Zone
2	25	8 AgSbAu	3 Au	South Zone
3	35	1 AgSbAu		Argillite, barren, 4+50 SE 18+00SW
4	35	8 AgSbAu		Po in andesites, <20ppbAu, 4+50SE 17+00 SW
5	20	7 AgSbAu	2 Au	South Zone
6	25	8 AgSbAu	4 Au	South Zone
7	20			E of South Zone, Andesites, barren
8	38	5 AgSbAu		E of South Zone, Andesites, barren
9	45	20 AgSbAu	8 Au	South Zone
10	24	11 AgSbAu		B/L 5+60SE Geochem high Ultramafic <125ppb
11	57	14 AgSbAu		B/L 5+10SE Geochem high Ultramafic <720ppb

12	70	4 AgSbAu	1 Au	E of Main Zone
13	10			4+50SE 12+50SW VLF high, no bedrock
14	10	1 AgSbAu		2+75SE 12+50SW, VLF high, po in andesite
15	10			2+00SE 10+00SW, VLF high, no bedrock
16	10			2+00SE 5+00SW, Geochem high, no bedrock
17	60	9 AgSbAu	8 Au	Main Zone West of Truax Creek
	-----	-----	-----	
	523	110	28	

Respectfully submitted,



Otter Exploration Services Ltd.
Frederick L. Wynne P. Eng

COST STATEMENT

LABOUR

J.M.Dawson, P.Eng. 19 days @ \$350/day	\$ 6,650.00	
R. Wynne, P.Eng. 20 days @ \$300/day	6,000.00	
M.E.Dawson, B.Sc. 29 days @ \$200/day	5,800.00	
W.P.Dawson 25 days @ \$180/day	4,500.00	
D. Rajala 9 days @ \$150/day	<u>1,350.00</u>	\$24,300.00

EXPENSES AND DISBURSEMENTS

Assays & Geochemical Analyses	\$ 3,125.15	
Board & Lodging	4,319.79	
Truck Rental	4,711.83	
Geophysical Instrument Rental	1,620.00	
Contract Helicopter Charter	452.50	
Contract Excavator Services	8,732.00	
Miscellaneous Equipment Rental	660.00	
Field Equipment & Supplies	1,109.44	
Freight	214.75	
Telephone, Photocopying, Maps, Blueprints, etc.	<u>227.45</u>	<u>25,172.91</u>

Total Programme Costs \$49,472.91

Appendix B

REFERENCES

1. Dawson, J. M. (1985): Report on the H.J. Property, Lillooet Mining Division for Pilgrim Coal Corporation.
2. Kerr, J. R. (1983): Diamond Drill Report on the HJ Claims, Lillooet Mining Division; Private Report to Andaurex Resources Inc.
3. Gruenwald, W. (1980): Geological and Geochemical Report on the HJ Claims; Private Report to Keron Holdings Ltd.
4. Pearson, D.E. (1974): Bridge River Map Area; Geological Fieldwork in 1974; BC Ministry of Energy Mines and Petroleum Res.
5. Hall, G. I. (1981): Report on Road Preparation, Geology and Geochemistry, HJ Claims; Private Report to Hudson's Bay Oil and Gas Co.
6. Hall, G.I. (1982): Progress Report on Geology and Geochemistry, HJ Claims, Truax Creek; Private Report to Hudson's Bay Oil and Gas Co. Ltd.
7. Cooke, B. J. (1985):
8. Annual Report of Minister of Mines, 1932.
9. Woodsworth, G.J. (1977): Geology, Pemberton (92J) Map Area, GSC Open File 482

Appendix C

CERTIFICATE

I, Frederick L. Wynne, of Armstrong, British Columbia, DO
HEREBY CERTIFY that:

- 1.) I am a geologist employed by Otter Exploration Services Ltd.
of P.O. Box 423, Armstrong, BC V0E 1B0
- 2.) I am a graduate of the University of Alberta at Edmonton, B.
Sc. 1964, and a member of the Association of Professional
Engineers of BC. I have practised my profession for over 20 years
in Canada and many other countries.
- 3.) I am the author of this report and I personally supervised
the work described herein.
- 4.) I hold no interest in this property, direct or indirect.

Otter Exploration Services Ltd.



Frederick L. Wynne, P. Eng.

Armstrong, BC

October 1, 1986

ACME ANALYTICAL LABORATORIES LTD.
 852 E. HASTINGS, VANCOUVER B.C.
 PH: (604) 253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED JULY 22 1986

DATE REPORTS MAILED *July 24/86*

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : SOIL - DRIED AT 60 DEG C. -80 MESH.

Au# - 10 GM. IGNITED. HOT AQUA REGIA LEACHED. NIBK EXTRACTION. AA ANALYSIS.

ASSAYER *D. Toye* DEAN TOYE . CERTIFIED B.C. ASSAYER

DAWSON GEOLOGICAL FILE# 86-1606

PAGE# 1

SOIL SAMPLES	SAMPLE	Au# ppb
	TR BL 0+00	47
	TR BL 0+50SE	15
	TR BL 1+00SE	15
	TR BL 1+50SE	15
	TR BL 2+00SE	20
	TR BL 2+50SE	3
	TR BL 3+00SE	13
	TR BL 3+50SE	43
	TR BL 4+00SE	28
	TR BL 4+50SE	70
	TR BL 5+00SE	6600
	TR BL 5+50SE	2350
	TR BL 6+00SE	220
	TRX LO 15+00NE	4
	TRX LO 14+50NE	3
	TRX LO 14+00NE	4
	TRX LO 13+50NE	80
	TRX LO 13+00NE	2
	TRX LO 12+50NE	5
	TRX LO 12+00NE	1
	TRX LO 11+50NE	6
	TRX LO 11+00NE	1
	TRX LO 10+50NE	2
	TRX LO 10+00NE	35
	TRX LO 9+50NE	4
	TRX LO 9+00NE	1
	TRX LO 8+50NE	3
	TRX LO 8+00NE	3
	TRX LO 7+50NE	1
	TRX LO 7+00NE	4
	TRX LO 6+50NE	2
	TRX LO 6+00NE	3
	TRX LO 5+50NE	4
	TRX LO 5+00NE	2
	TRX LO 4+50NE	1
	TRX LO 4+00NE	5

SAMPLE	Au*
	ppb
TRX LO 3+50NE	10
TRX LO 3+00NE	1
TRX LO 2+50NE	4
TRX LO 2+00NE	32
TRX LO 1+50NE	55
TRX LO 1+00NE	23
TRX LO 0+50NE	40
TRX LO 0+50SW	24
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TRX LO 3+00SW	24
TRX LO 3+50SW	18
TRX LO 4+00SW	5
TRX LO 4+50SW	16
TRX LO 5+00SW	15
TRX LO 5+50SW	18
TRX LO 6+00SW	30
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TRX LO 11+00SW	135
TRX LO 11+50SW	46
TRX LO 12+00SW	33
TRX LO 12+50SW	11
TRX LO 13+00SW	17
TRX LO 13+50SW	7
TRX LO 14+00SW	8
TRX LO 14+50SW	7

DAWSON GEOLOGICAL FILE# 86-1606

PAGE# 3

SAMPLE	Au# ppb
TRX L0 15+00SW	5
TRX L0 15+50SW	6
TRX L0 16+00SW	11
TRX L0 16+50SW	12
TRX L0 17+00SW	6
TRX L0 17+50SW	4
TRX L0 18+00SW	5
TRX L0 18+50SW	4
TRX L2SE 15+00NE	1
TRX L2SE 14+50NE	3
TRX L2SE 14+00NE	1
TRX L2SE 13+50NE	2
TRX L2SE 13+00NE	1
TRX L2SE 12+50NE	1
TRX L2SE 12+00NE	6
TRX L2SE 11+50NE	2
TRX L2SE 11+00NE	1
TRX L2SE 10+50NE	3
TRX L2SE 10+00NE	2
TRX L2SE 9+50NE	1
TRX L2SE 9+00NE	2
TRX L2SE 8+50NE	1
TRX L2SE 8+00NE	4
TRX L2SE 7+50NE	3
TRX L2SE 7+00NE	2
TRX L2SE 6+50NE	1
TRX L2SE 6+00NE	1
TRX L2SE 5+50NE	2
TRX L2SE 5+00NE	4
TRX L2SE 4+50NE	6
TRX L2SE 4+00NE	3
TRX L2SE 3+50NE	7
TRX L2SE 3+00NE	5
TRX L2SE 2+50NE	7
TRX L2SE 2+00NE	10
TRX L2SE 1+50NE	21
TRX L2SE 1+00NE	27

SAMPLE	Au*
	ppb
TRX L2SE 0+50NE	14
TRX L2SE 0+50SW	50
TRX L2SE 1+00SW	20
TRX L2SE 1+50SW	17
TRX L2SE 2+00SW	26
TRX L2SE 2+50SW	13
TRX L2SE 3+00SW	3
TRX L2SE 3+50SW	16
TRX L2SE 4+00SW	2
TRX L2SE 4+50SW	8
TRX L2SE 5+00SW	465
TRX L2SE 5+50SW	6
TRX L2SE 6+00SW	5
TRX L2SE 6+50SW	12
TRX L2SE 7+00SW	8
TRX L2SE 7+50SW	11
TRX L2SE 8+00SW	12
TRX L2SE 8+50SW	9
TRX L2SE 9+00SW	5
TRX L2SE 9+50SW	7
TRX L2SE 10+00SW	54
TRX L2SE 10+50SW	16
TRX L2SE 11+00SW	44
TRX L2SE 11+50SW	7
TRX L2SE 12+00SW	1
TRX L2SE 12+50SW	17
TRX L2SE 13+00SW	5
TRX L2SE 13+50SW	13
TRX L2SE 14+00SW	9
TRX L2SE 14+50SW	6
TRX L2SE 15+00SW	9
TRX L2SE 15+50SW	1650
17+00 ? TRX L2SE 16+00SW	13
TRX L2SE 16+50SW	7
TRX L2SE 17+50SW	140
TRX L2SE 18+00SW	5

SAMPLE	Au# ppb
TRX L2SE 18+50SW	9
TRX L2SE 19+00SW	9
TRX L2SE 19+50SW	7
TRX L2SE 20+00SW	65
TRX L6SE 0+50SW	11
TRX L6SE 1+00SW	8
TRX L6SE 1+50SW	15
TRX L6SE 2+00SW	51
TRX L6SE 2+50SW	6
TRX L6SE 3+00SW	20
TRX L6SE 3+50SW	8
TRX L6SE 4+00SW	7
TRX L6SE 4+50SW	6
TRX L6SE 5+00SW	3
TRX L6SE 5+50SW	14
TRX L6SE 6+00SW	3
TRX L6SE 6+50SW	4
TRX L6SE 7+00SW	18
TRX L6SE 7+50SW	5
TRX L6SE 8+00SW	55
9+00 TRX L6SE 8+50SW	55
TRX L6SE 9+50SW	18
TRX L6SE 10+00SW	13
TRX L6SE 10+50SW	65
TRX L6SE 11+00SW	18
TRX L6SE 11+50SW	45
TRX L6SE 12+00SW	41
TRX L6SE 12+50SW	890
TRX L6SE 13+00SW	145
TRX L6SE 13+50SW	3
TRX L6SE 14+00SW	55
TRX L6SE 14+50SW	15
TRX L6SE 15+00SW	1
TRX L6SE 15+50SW	1
TRX L6SE 16+00SW	50
TRX L6SE 16+50SW	1

SAMPLE	Au*
	ppb
TRX L6SE 17+00SW	150
TRX L6SE 17+50SW	70
TRX L6SE 18+00SW	65
TRX L6SE 18+50SW	65
TRX L6SE 19+00SW	12
* TRX L6SE 19+50	
20+50 TRX L6SE 20+00SW	160
TRX L6SE 21+00SW	65
TRX L6SE 21+50SW	5
22+00 TRX L6SE 22+50SW	1
22+50 TRX L6SE 23+00SW	3

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 PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED AUG 4 1986

DATE REPORTS MAILED *Aug 7/86*

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : SOIL - DRIED AT 60 DEG C. . -80 MESH.

Au* - 10 GM.IGNITED. HOT AQUA REGIA LEACHED. MIBK EXTRACTION. AA ANALYSIS.

ASSAYER: *D. Toye* DEAN TOYE . CERTIFIED B.C. ASSAYER

DAWSON GEOLOGICAL FILE# 86-1835

PAGE# 1

	SAMPLE	Au*
		ppb
SOIL SAMPLES	TRX L12NW 15+00NE	20
	TRX L12NW 14+50NE	12
	TRX L12NW 14+00NE	95
	TRX L12NW 13+50NE	8
	TRX L12NW 13+00NE	2
	TRX L12NW 12+50NE	3
	TRX L12NW 12+00NE	2
	TRX L12NW 11+50NE	4
	TRX L12NW 11+00NE	3
	TRX L12NW 10+50NE	4
	TRX L12NW 10+00NE	3
	TRX L12NW 9+50NE	2
	TRX L12NW 9+00NE	4
	TRX L12NW 8+50NE	2
	TRX L12NW 8+00NE	2
	TRX L12NW 7+50NE	2
	TRX L12NW 7+00NE	2
	TRX L12NW 6+50NE	1
	TRX L12NW 6+00NE	1
	TRX L12NW 5+50NE	9
	TRX L12NW 5+00NE	4
	TRX L12NW 4+50NE	7
	TRX L12NW 4+00NE	7
	TRX L12NW 3+50NE	12
	TRX L12NW 3+00NE	2
	TRX L12NW 2+50NE	5
	TRX L12NW 2+00NE	2
	TRX L12NW 1+50NE	6
	TRX L12NW 1+00NE	2
	TRX L12NW 0+50NE	1
	TRX L12NW 0+50SW	3
	TRX L12NW 1+00SW	4
	TRX L12NW 1+50SW	18
TRX L12NW 2+00SW	4	
TRX L12NW 2+50SW	19	

SAMPLE	Aut dob
TRX L12NW 3+50SW	7
TRX L12NW 4+00SW	8
TRX L12NW 4+50SW	4
TRX L12NW 5+00SW	2
TRX L12NW 5+50SW	5
TRX L12NW 6+00SW	4
TRX L12NW 6+50SW	3
TRX L12NW 7+00SW	2
TRX L12NW 7+50SW	5
TRX L12NW 8+00SW	1
TRX L12NW 8+50SW	3
TRX L12NW 9+00SW	11
TRX L12NW 9+50SW	4
TRX L12NW 10+00SW	1
TRX L10NW 10+50NE	9
TRX L10NW 10+00NE	6
TRX L10NW 9+50NE	5
TRX L10NW 9+00NE	4
TRX L10NW 8+50NE	3
TRX L10NW 8+00NE	5
TRX L10NW 7+50NE	8
TRX L10NW 7+00NE	2
TRX L10NW 6+50NE	2
TRX L10NW 6+00NE	1
TRX L10NW 5+50NE	5
TRX L10NW 5+00NE	1
TRX L10NW 4+50NE	1
TRX L10NW 4+00NE	12
TRX L10NW 3+50NE	51
TRX L10NW 3+00NE	30
TRX L10NW 2+50NE	7
TRX L10NW 2+00NE	3
TRX L10NW 1+50NE	2
TRX L10NW 1+00NE	1
TRX L10NW 0+50NE	13
TRX L10NW 0+50SW	5

SAMPLE	Au# oob
TRX L10NW 1+00SW	6
TRX L10NW 1+50SW	1
TRX L10NW 2+00SW	2
TRX L10NW 2+50SW	1
TRX L10NW 3+00SW	3
TRX L10NW 3+50SW	3
TRX L10NW 4+00SW	1
TRX L10NW 4+50SW	1
TRX L10NW 5+00SW	1
TRX L10NW 5+50SW	1
TRX L10NW 6+00SW	1
TRX L10NW 6+50SW	1
TRX L10NW 7+00SW	34
TRX L10NW 7+50SW	48
TRX L10NW 8+00SW	32
TRX L10NW 8+50SW	2
TRX L10NW 9+00SW	1
TRX L10NW 9+50SW	1
TRX L10NW 10+00SW	1
TRX LBNW 10+50NE	1
TRX LBNW 10+00NE	5
TRX LBNW 9+50NE	1
TRX LBNW 9+00NE	1
TRX LBNW 8+50NE	2
TRX LBNW 8+00NE	2
TRX LBNW 7+50NE	1
TRX LBNW 7+00NE	1
TRX LBNW 6+50NE	2
TRX LBNW 6+00NE	3
TRX LBNW 5+50NE	1
TRX LBNW 5+00NE	1
TRX LBNW 4+50NE	2
TRX LBNW 4+00NE	4
TRX LBNW 3+50NE	26
TRX LBNW 3+00NE	19
TRX LBNW 2+50NE	27

SAMPLE	Au* ppb
TRX L8NW 2+00NE	9
TRX L8NW 1+50NE	6
TRX L8NW 1+00NE	4
TRX L8NW 0+50NE	8
TRX L8NW 0+50SW	10
TRX L8NW 1+00SW	19
TRX L8NW 1+50SW	5
TRX L8NW 2+00SW	20
TRX L8NW 2+50SW	25
TRX L8NW 3+00SW	5
TRX L8NW 3+50SW	8
TRX L8NW 4+00SW	4
TRX L8NW 4+50SW	8
TRX L8NW 5+00SW	7
TRX L8NW 5+50SW	14
TRX L8NW 6+00SW	7
TRX L8NW 6+50SW	6
TRX L8NW 7+00SW	3
TRX L8NW 7+50SW	4
TRX L8NW 8+00SW	2
TRX L8NW 8+50SW	10
TRX L8NW 9+00SW	6
TRX L8NW 9+50SW	6
TRX L8NW 10+00SW	565
TRX L6NW 10+50NE	5
TRX L6NW 10+00NE	16
TRX L6NW 9+50NE	4
TRX L6NW 9+00NE	37
TRX L6NW 8+50NE	3
TRX L6NW 8+00NE	1
TRX L6NW 7+50NE	12
TRX L6NW 7+00NE	4
TRX L6NW 6+50NE	6
TRX L6NW 6+00NE	4
TRX L6NW 5+50NE	6
TRX L6NW 5+00NE	2

SAMPLE	Au*
	ppb
TRX L6NW 4+50NE	2
TRX L6NW 4+00NE	1
TRX L6NW 3+50NE	1
TRX L6NW 3+00NE	90
TRX L6NW 2+50NE	1
TRX L6NW 2+00NE	17
TRX L6NW 1+50NE	8
TRX L6NW 1+00NE	320
TRX L6NW 0+50NE	14
TRX L6NW 0+50SW	42
TRX L6NW 1+00SW	60
TRX L6NW 1+50SW	10
TRX L6NW 2+00SW	1
TRX L6NW 2+50SW	2
TRX L6NW 3+00SW	6
TRX L6NW 3+50SW	8
TRX L6NW 4+00SW	6
TRX L6NW 4+50SW	4
TRX L6NW 5+00SW	1
TRX L6NW 5+50SW	3
TRX L6NW 6+00SW	1
TRX L6NW 6+50SW	1
TRX L6NW 7+00SW	2
TRX L6NW 7+50SW	23
TRX L6NW 8+00SW	5
TRX L6NW 8+50SW	7
TRX L6NW 9+00SW	4
TRX L6NW 9+50SW	2
TRX L6NW 10+00SW	1
TRX L4NW 15+00NE	1
TRX L4NW 14+50NE	7
TRX L4NW 14+00NE	1
TRX L4NW 13+50NE	1
TRX L4NW 13+00NE	1
TRX L4NW 12+50NE	1
TRX L4NW 12+00NE	1

SAMPLE	Au*
	ppb
TRX L4NW 11+50NE	2
TRX L4NW 11+00NE	1
TRX L4NW 10+50NE	215
TRX L4NW 10+00NE	8
TRX L4NW 9+50NE	1
TRX L4NW 9+00NE	3
TRX L4NW 8+50NE	2
TRX L4NW 8+00NE	3
TRX L4NW 7+50NE	9
TRX L4NW 7+00NE	3
TRX L4NW 6+50NE	2
TRX L4NW 5+50NE	3
TRX L4NW 5+00NE	6
TRX L4NW 4+50NE	2
TRX L4NW 4+00NE	2
TRX L4NW 3+50NE	2
TRX L4NW 3+00NE	2
TRX L4NW 2+50NE	1
TRX L4NW 2+00NE	4
TRX L4NW 1+50NE	2
TRX L4NW 1+00NE	23
TRX L4NW 0+50NE	3
TRX L4NW 0+50SW	2
TRX L4NW 1+00SW	150
TRX L4NW 1+50SW	7
TRX L4NW 2+00SW	20
TRX L4NW 2+50SW	31
TRX L4NW 3+00SW	13
TRX L4NW 3+50SW	4
TRX L4NW 4+00SW	5
TRX L4NW 4+50SW	3
TRX L4NW 5+00SW	2
TRX L4NW 5+50SW	2
TRX L4NW 6+00SW	6
TRX L4NW 6+50SW	2
TRX L4NW 7+00SW	1

6+00NE ?



SAMPLE	Au# ppb
TRX L4NW 7+50SW	10
TRX L4NW 8+00SW	13
TRX L4NW 8+50SW	16
TRX L4NW 9+00SW	15
TRX L4NW 9+50SW	5
TRX L4NW 10+00SW	6
TRX L2NW 15+00NE	2
TRX L2NW 14+50NE	2
TRX L2NW 14+00NE	2
TRX L2NW 13+50NE	1
TRX L2NW 13+00NE	6
TRX L2NW 12+50NE	2
TRX L2NW 12+00NE	3
TRX L2NW 11+50NE	2
TRX L2NW 11+00NE	2
TRX L2NW 10+50NE	2
TRX L2NW 10+00NE	3
TRX L2NW 9+50NE	4
TRX L2NW 9+00NE	1
TRX L2NW 8+50NE	1
TRX L2NW 8+00NE	4
TRX L2NW 7+50NE	12
TRX L2NW 7+00NE	6
TRX L2NW 6+50NE	5
5+00 NE TRX L2NW 6+00NE	7
TRX L2NW 5+50NE	5
TRX L2NW 4+50NE	20
TRX L2NW 4+00NE	1
TRX L2NW 3+50NE	1
TRX L2NW 3+00NE	4
TRX L2NW 2+50NE	4
TRX L2NW 2+00NE	4
TRX L2NW 1+50NE	20
TRX L2NW 1+00NE	2
TRX L2NW 0+50NE	8
TRX L2NW 0+50SW	9

SAMPLE	Aux pob
TRX L2NW 1+00SW	5
TRX L2NW 1+50SW	9
TRX L2NW 2+00SW	7
TRX L2NW 2+50SW	6
TRX L2NW 3+00SW	5
TRX L2NW 3+50SW	12
TRX L2NW 4+00SW	11
TRX L2NW 4+50SW	15
TRX L2NW 5+00SW	13
TRX L2NW 5+50SW	16
TRX L2NW 6+00SW	12
TRX L2NW 6+50SW	7
TRX L2NW 7+00SW	5
TRX L2NW 7+50SW	4
TRX L2NW 8+00SW	19
TRX L2NW 8+50SW	23
TRX L2NW 9+00SW	7
TRX L2NW 9+50SW	11
TRX L2NW 10+00SW	8
TRX B/L 12+00NE	1
TRX B/L 11+50NE	1
TRX B/L 11+00NE	1
TRX B/L 10+50NE	4
TRX B/L 10+00NE	2
TRX B/L 9+50NE	8
TRX B/L 9+00NE	5
TRX B/L 8+50NE	3
TRX B/L 8+00NE	7
TRX B/L 7+50NE	14
TRX B/L 7+00NE	17
TRX B/L 6+50NE	28
TRX B/L 6+00NE	13
TRX B/L 5+50NE	32
TRX B/L 5+00NE	7
TRX B/L 4+50NE	34
TRX B/L 4+00NE	16

SAMPLE	Au# ppb
TRX B/L 3+50NE NW	12
TRX B/L 3+00NE	14
TRX B/L 2+50NE	9
TRX B/L 2+00NE	5
TRX B/L 1+50NE	5
TRX B/L 1+00NE	6
TRX B/L 0+50NE	5
<hr/> TRX L4SE 15+00NE	1
TRX L4SE 14+50NE	5
TRX L4SE 14+00NE	1
TRX L4SE 13+50NE	2
TRX L4SE 13+00NE	1
TRX L4SE 12+50NE	1
TRX L4SE 12+00NE	1
TRX L4SE 11+50NE	1
TRX L4SE 11+00NE	1
TRX L4SE 10+50NE	1
TRX L4SE 10+00NE	36
TRX L4SE 9+50NE	1
TRX L4SE 9+00NE	1
TRX L4SE 8+50NE	1
TRX L4SE 8+00NE	2
TRX L4SE 7+50NE	1
TRX L4SE 7+00NE	1
TRX L4SE 6+50NE	11
TRX L4SE 6+00NE	22
TRX L4SE 5+50NE	2
TRX L4SE 5+00NE	3
TRX L4SE 4+50NE	13
TRX L4SE 4+00NE	4
3+00 ? TRX L4SE 3+50NE	7
TRX L4SE 2+50NE	16
TRX L4SE 2+00NE	11
TRX L4SE 1+50NE	12
TRX L4SE 1+00NE	2
TRX L4SE 0+50NE	7

SAMPLE	Au# ppb
TRX L4SE 0+50SW	15
TRX L4SE 1+00SW	3
TRX L4SE 1+50SW	2
TRX L4SE 2+00SW	1
TRX L4SE 2+50SW	6
TRX L4SE 3+00SW	5
TRX L4SE 3+50SW	9
TRX L4SE 4+00SW	4
TRX L4SE 4+50SW	36
TRX L4SE 5+00SW	16
TRX L4SE 5+50SW	225
TRX L4SE 6+00SW	115
TRX L4SE 6+50SW	16
TRX L4SE 7+00SW	12
TRX L4SE 7+50SW	22
TRX L4SE 8+00SW	10
TRX L4SE 8+50SW	26
TRX L4SE 9+00SW	15
TRX L4SE 9+50SW	20
TRX L4SE 10+00SW	39
TRX L4SE 10+50SW	37
TRX L4SE 11+00SW	9
TRX L4SE 11+50SW	18
TRX L4SE 12+00SW	70
TRX L4SE 12+50SW	18
TRX L4SE 13+00SW	9
TRX L4SE 13+50SW	11
TRX L4SE 14+00SW	9
TRX L4SE 14+50SW	35
TRX L4SE 15+00SW	33
TRX L4SE 15+50SW	21
TRX L4SE 16+00SW	14
TRX L4SE 17+00SW	135
TRX L4SE 17+50SW	75
TRX L4SE 18+00SW	70

16+50

DAWSON GEOLOGICAL FILE# 86-1835

PAGE# 11

SAMPLE	Aut ppb
TRX L4SE 18+50SW	19
TRX L4SE 19+00SW	7
TRX L4SE 19+50SW	9
TRX L4SE 20+00SW	15
<u>TRX L4+50SE 2+50SW</u>	6
TRX L6SE 15+00NE	2
TRX L6SE 14+50NE	1
TRX L6SE 14+00NE	230
TRX L6SE 13+50NE	9
TRX L6SE 13+00NE	2
TRX L6SE 12+50NE	2
TRX L6SE 12+00NE	1
TRX L6SE 11+50NE	2
TRX L6SE 11+00NE	4
TRX L6SE 10+50NE	4
TRX L6SE 10+00NE	1
TRX L6SE 9+50NE	3
TRX L6SE 9+00NE	1
TRX L6SE 8+50NE	5
TRX L6SE 8+00NE	7
TRX L6SE 7+50NE	14
TRX L6SE 7+00NE	13
TRX L6SE 6+50NE	44
TRX L6SE 6+00NE	30
TRX L6SE 5+50NE	7
TRX L6SE 5+00NE	16
TRX L6SE 4+50NE	2
TRX L6SE 4+00NE	1
TRX L6SE 3+50NE	4
TRX L6SE 3+00NE	3
TRX L6SE 2+50NE	4
TRX L6SE 2+00NE	3
TRX L6SE 1+50NE	20
TRX L6SE 1+00NE	5
TRX L6SE 0+50NE	3

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GEOCHEMICAL LAB REPORT

DAWSON GEOLOGICAL CONSULTANTS
203-455 HASTINGS ST.,
VANCOUVER, B. C.
V6C 1T1

DATE : AUG. 11 1986

FILE NO. G 1504

PAGE 1 / 1

KRAL NO.	IDENTIFICATION	AU	AG	SB	AS
1	HJ 86-1	3.0	0.4	1.0	25.0
2	HJ 86-2	3.0	0.3	4.0	20.0
3	HJ 86-3	3.0	0.4	5.0	24.0

IN AU COLUMN 3 INDICATES <5 PPB

IN SB COLUMN 1 INDICATES <2 PPM

ACME ANALYTICAL LABORATORIES LTD.
52 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: AUG 7 1986

DATE REPORT MAILED: *Aug. 13/86...*

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: *D. Toye* DEAN TOYE. CERTIFIED B.C. ASSAYER.

DAWSON GEOLOGICAL FILE # 86-1894

PAGE 1

SAMPLE#	Sb PFM	Au* FPB
HJ-86-4	4	1
HJ-86-5	2	2
HJ-86-6	2	1
HJ-86-7	2	1
HJ-86-8	2	1
HJ-86-9	6	8
HJ-86-10	3	1
HJ-86-11	2	1
HJ-86-12	13	1
HJ-86-13	2	1
HJ-86-14	6	1
HJ-86-15	2	2
HJ-86-16	3	1
HJ-86-17	5	17
HJ-86-18	3	2
HJ-86-19	2	1
HJ-86-20	48	1
HJ-86-21	199	1860
STD C/AU 0.5	15	490

ACME ANALYTICAL LABORATORIES LTD.
 52 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
 PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: AUG 18 1986

DATE REPORT MAILED: *Aug. 23/86*

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN, FE, CA, P, CR, MG, BA, TI, B, AL, NA, I, W, SI, ZR, CE, SN, Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: ROCK CHIPS AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: *D. Toye* DEAN TOYE. CERTIFIED B.C. ASSAYER.

DAWSON GEOLOGICAL

FILE # 86-2118

PAGE 1

SAMPLE#	Ag PPM	Sb PPM	Au# PPM
TR1 0-1	.3	2	4
TR1 1-3	.1	13	11
TR1 3-4	.1	32	29
TR1 4-5	.3	6	65
TR1 5-6	.3	120	90
TR1 6-6.9	1.2	955	19000 ✓
TR1 6.9-9.5	.7	30	950
TR1 9.5-10.5	.1	7	190
TR1 10.5-16.2	.1	2	8
TR1 16.2-20.7	.2	7	31
TR1 20.7-23.5	.2	8	3
TR1 23.5-24	.2	2	16
TR1 24-25	.2	5	2
TR1 25-29	.2	2	2
TR2 0-5	.1	60	15
TR2 5-8	.2	91	95
TR2 8-9	.4	81	145
TR2 9-11	1.3	117	2430
TR2 11	1.5	69	3390
TR2 11-11.8	1.1	90	15000 ✓
TR2 11.8-15	.2	77	37
TR2 15-20	.4	2	20
TR3 15-16	.1	21	13
TR4 0-2.5	.1	2	3
TR4 2.5-7	.1	8	12
TR4 7-12	.1	14	4
TR4 12-17	.1	7	18
TR4 17-20	.1	7	3
TR4 20-25	.1	2	5
TR4 25-30	.2	2	1
TR4 27	.1	5	8

✓ Assay required for correct result

TRENCH SAMPLING

21

ACME ANALYTICAL LABORATORIES LTD.
 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
 PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: AUG 27 1986

DATE REPORT MAILED: *Aug 31/86*.....

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: ROCK CHIPS AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: *D. J. Toy* DEAN TOYE. CERTIFIED B.C. ASSAYER.

DAWSON GEOLOGICAL PROJECT-86-1 FILE # 86-2297 PAGE 1

SAMPLE#	As PPM	Sb PPM	Au* PPB
TR-5 0-5	238	26	490
TR-5 5-10	172	27	6
TR-5 10-13	234	21	20
TR5 13-14	.2	30	65
TR5 14-14.5	2.1	73	9110
TR5 14.5-15	2.3	117	22000 ✓
TR-5 15-20	88	2	10
TR-6 5-10	80	46	10
TR-6 10-15	122	81	25
TR-6 15-16.8	2905	105	3100
TR6 16.8-17.2	.5	66	7220
TR-6 17.2-19	211	52	22
TR6 19-20	1.4	111	7360
TR6 20-21.5	.8	109	2830
TR-6 21.5-25	173	30	110
TR8 0-0.1	.1	7	8
TR8 0.1-1	.4	2	8
TR8 1-6	.5	2	28
TR8 6-11	.6	3	4
TR8 11-16	.5	2	8
TR-9 0-5	223	52	17
TR-9 5-8.5	131	60	13
TR9 8.5	3.4	2	2110
TR9 8.5-10	.2	210	85
TR9 10-11	.2	170	85
TR9 11-12	1.7	175	7660
TR9 11-126	1.7	392	4880
TR9 12-13	1.4	511	5960
TR9 13-14	.6	75	3630
TR9 14-15	.2	57	265
TR9 15-16	.2	109	25
TR9 16-17	.5	67	225
TR9 17-18	.4	43	925
TR9 18-18.5	.4	35	195
TR9 18.5-20	.2	82	22
TR-9 20-25	119	49	15
TR-9 25-30	584	6	550
TR-9 30	1653	8	1950
TR-9 30-35	61	2	47

TRENCH SAMPLING

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: AUG 22 1986

DATE REPORT MAILED: *Aug 27/86*

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.

- SAMPLE TYPE: ROCK CHIPS AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: *D. Toye* DEAN TOYE. CERTIFIED B.C. ASSAYER.

DAWSON GEOLOGICAL PROJECT - 366 FILE # 86-2209 PAGE

SAMPLE#	Ag PPM	Sb PPM	Au* PPB
TR-10 0-0.3S	.2	2	1
TR-10 0.3-1.7S	.2	2	3
TR-10 1.7-3.7S	.1	4	50
TR-10 3.7-6S	.2	72	16
TR-10 0-1.7N	.2	2	4
TR-10 1.7-4N	.2	2	1
TR-10 4-5N	.1	2	2
TR-10 5-10N	.3	6	15
TR-10 10-11N	.3	10	27
TR-10 10-15N	.4	19	125
TR-10 15-18N	.3	18	32
TR-11 20-27S	18	2	24
TR-11 15-20S	10	7	65
TR-11 10-15S	10	4	8
TR-11 5-10S	5	2	22
TR-11 5.2S	18	4	720
TR-11 1-5S	6	2	13
T-11 0-1S	.3	7	10
TR-11 0-5N	4	2	8
TR-11 5N	5	2	3
TR-11 5-10N	117	119	60
TR-11 10-15N	60	17	15
TR-11 15-20N	12	2	7
TR-11 20-25N	15	2	8
TR-11 25-30N	5	2	1
TR-12 10-13	3	2	6
TR-12 13-18	7	2	7
TR-12 45	3471	54	21500
TR-12 67	26	5	105
TR-14	108	2	495
TR-17 0-3	533	43	3050
TR-17 3-5	1723	99	2500
TR-17 5-6(1)	778	9800	8640
TR-17 5-6(2)	2389	9933	6720
TR-17 6-10	57	228	70
TR-17 35-38	370	58	550
TR-17 38-39	6873	9490	10600
TR-17 39-39.5	2090	9615	7110
TR-17 39.5-40	561	47	760
STD. C/AU 0.5	39	18	515

TRENCH SAMPLING
- FIRE ASSAY CHECKS

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604) 253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED SEPT 5 1986

DATE REPORTS MAILED

Sept 10/86

ASSAY CERTIFICATE

SAMPLE TYPE : PULP
AU** BY FIRE ASSAY

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

DAWSON GEOLOGICAL FILE# 86-2118 R

PAGE# 1

SAMPLE	Au** oz/t
TR1 6-6.9	.569
TR1 6.9-9.5	.036
TR2 9-11	.070
TR2 11	.088
TR2 11-11.8	.441
TR5 14-14.5	.288
TR5 14.5-15	.651
TR6 16.8-17.2	.206
TR6 19-20	.209
TR6 20-21.5	.071
TR9 8.5	.0819
TR9 8.5-10	.005
TR9 11-12	.215
TR9 11-12G	.118
TR9 12-13	.162
TR9 13-14	.098
TR9 17-18	.035

OCME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED SEPT 5 1986
DATE REPORTS MAILED *Sept 10/86*

ASSAY CERTIFICATE

SAMPLE TYPE : PULP
AU** BY FIRE ASSAY

ASSAYER *D. Toye* DEAN TOYE , CERTIFIED B.C. ASSAYER

DAWSON GEOLOGICAL PROJECT 86-1 FILE# B6-2297 R PAGE# 1

SAMPLE	Au** oz/t
TR-6 15-16.8	.092
TR-9 30	.060
TR-12 45	.662
TR-17 0-3	.097
TR-17 3-5	.076
TR-17 5-6(1)	.256
TR-17 5-6(2)	.189
TR-17 35-38	.019
TR-17 38-39	.297
TR-17 39-39.5	.233
TR-17 39.5-40	.024

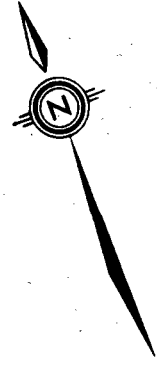
GEOLOGY

4

ULTRAMAFIC, silica-carbonate altered, minor py

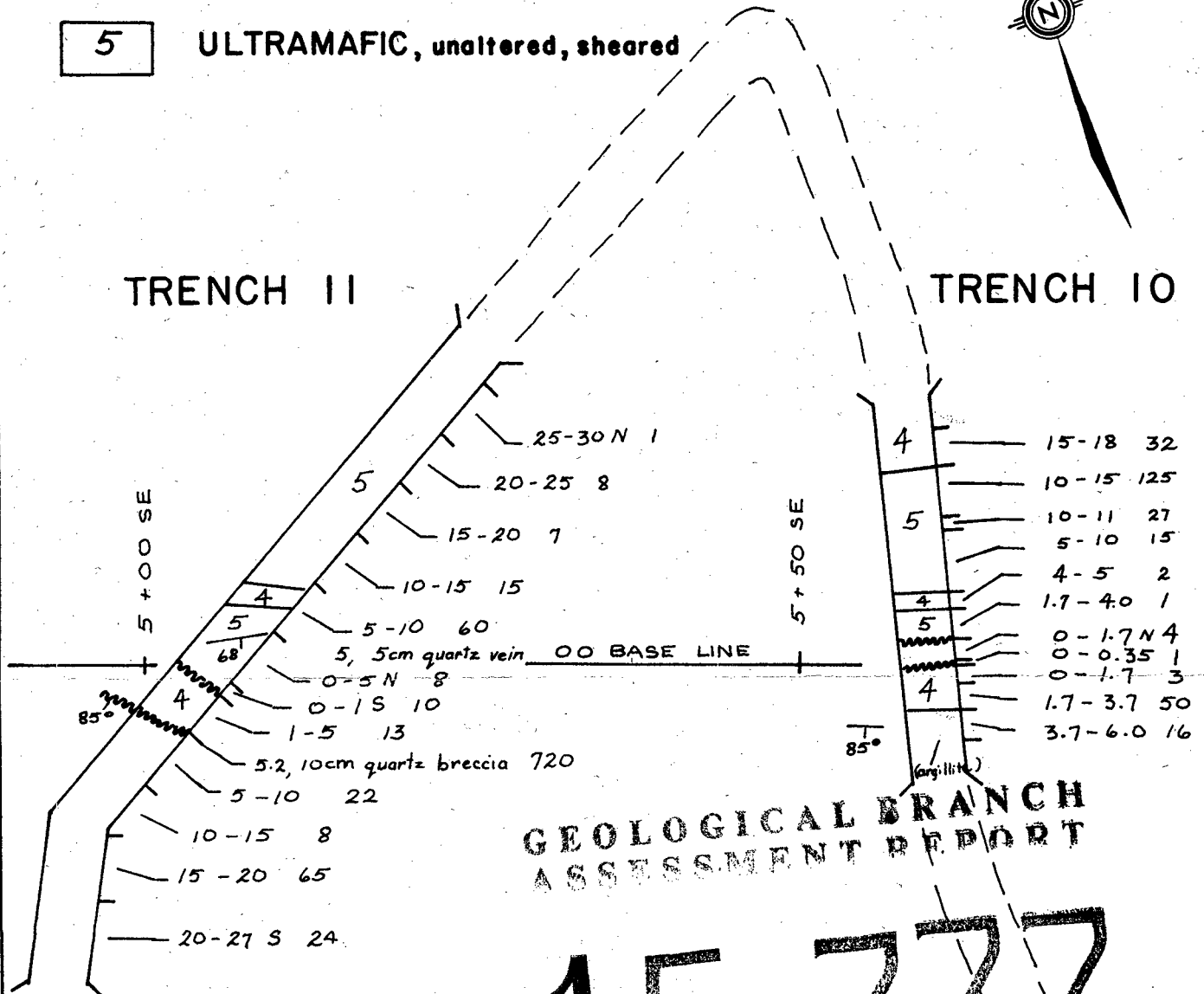
5

ULTRAMAFIC, unaltered, sheared



TRENCH II

TRENCH IO



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

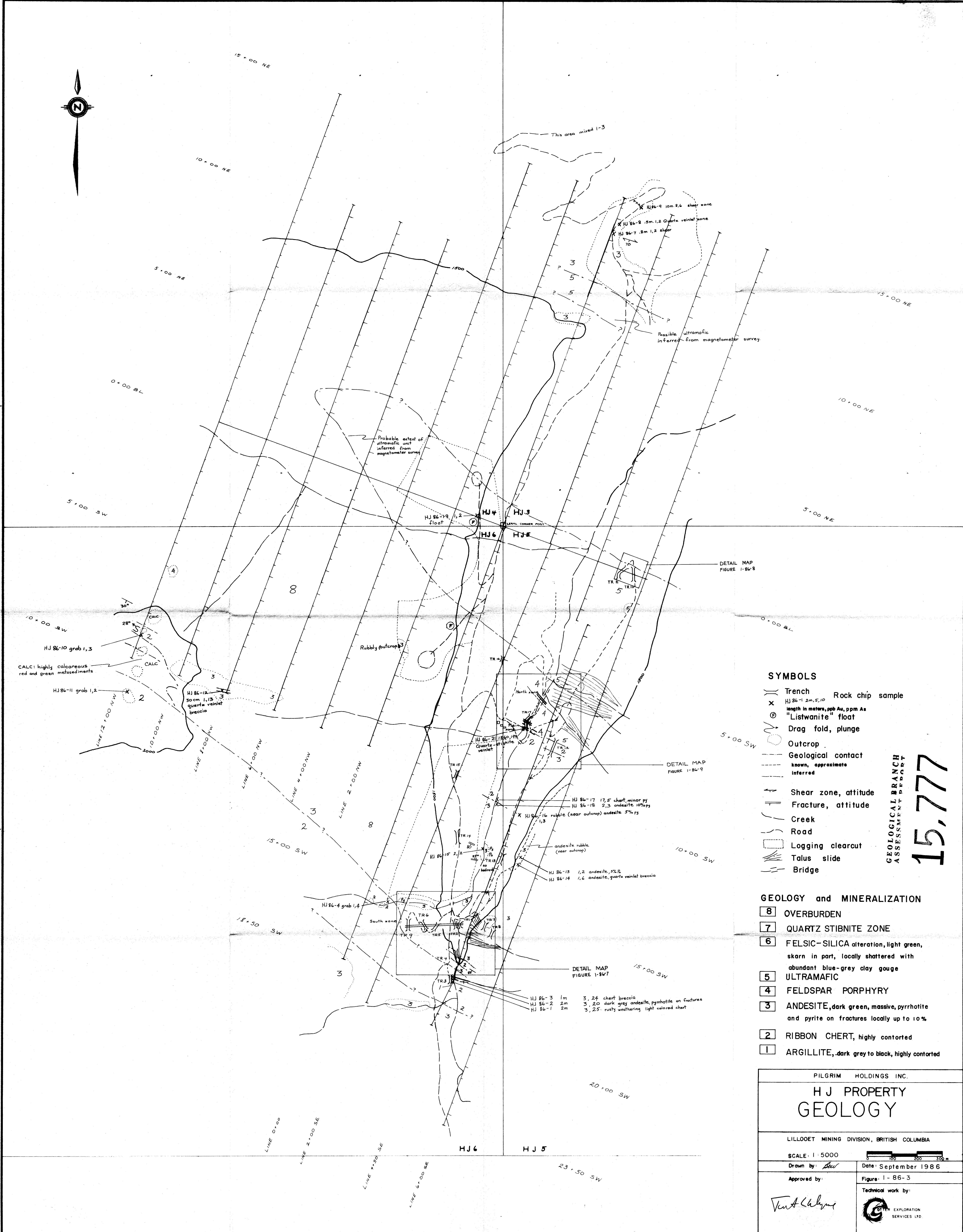
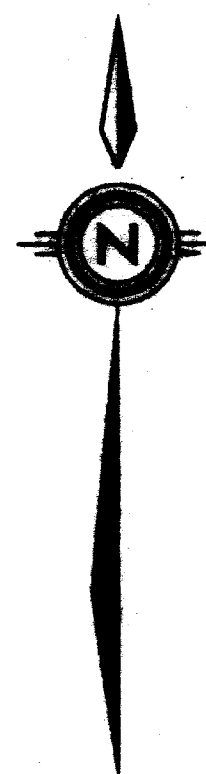
15,777

SYMBOLS

Trench
 Sampled interval from - to 0 (meters) ppb Au

Road

HJ PROPERTY		
TRENCH IO, II		
Scale: 1 : 500	Date: Sept. 1986	Plate: I-86-8



SYMBOLS

- Trench
- Rock chip sample
- Listwanite float
- Drag fold, plunge
- Outcrop
- Geological contact
- known, approximate
- inferred
- Shear zone, attitude
- Fracture, attitude
- Creek
- Road
- Logging clearcut
- Talus slide
- Bridge

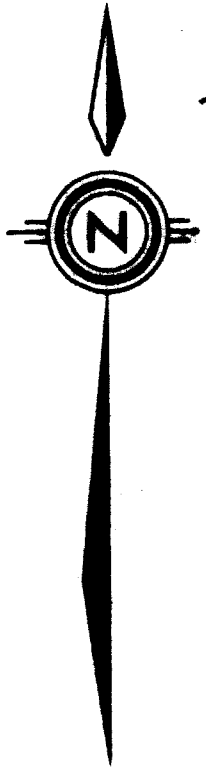
GEOLOGY and MINERALIZATION

- OVERBURDEN
- QUARTZ STIBNITE ZONE
- FELSIC-SILICA alteration, light green, skarn in part, locally shattered with abundant blue-grey clay gouge
- ULTRAMAFIC
- FELDSPAR PORPHYRY
- ANDESITE, dark green, massive, pyrrhotite and pyrite on fractures locally up to 10%
- RIBBON CHERT, highly contorted
- ARGILLITE, dark grey to black, highly contorted

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,777

PILGRIM HOLDINGS INC.	
HJ PROPERTY GEOLOGY	
LILLOOET MINING DIVISION, BRITISH COLUMBIA	
SCALE: 1:5000	
Drawn by: <i>AW</i>	Date: September 1986
Approved by: <i>Vent Calhoun</i>	Figure: 1-86-3
	Technical work by: GTEC EXPLORATION SERVICES LTD.



SYMBOLS

- 1000 Topographic contour, elevation in meters
- Creek
- Road
- Trench
- Known mineralized zone
- Logging clearcut, landing
- Grid line, station

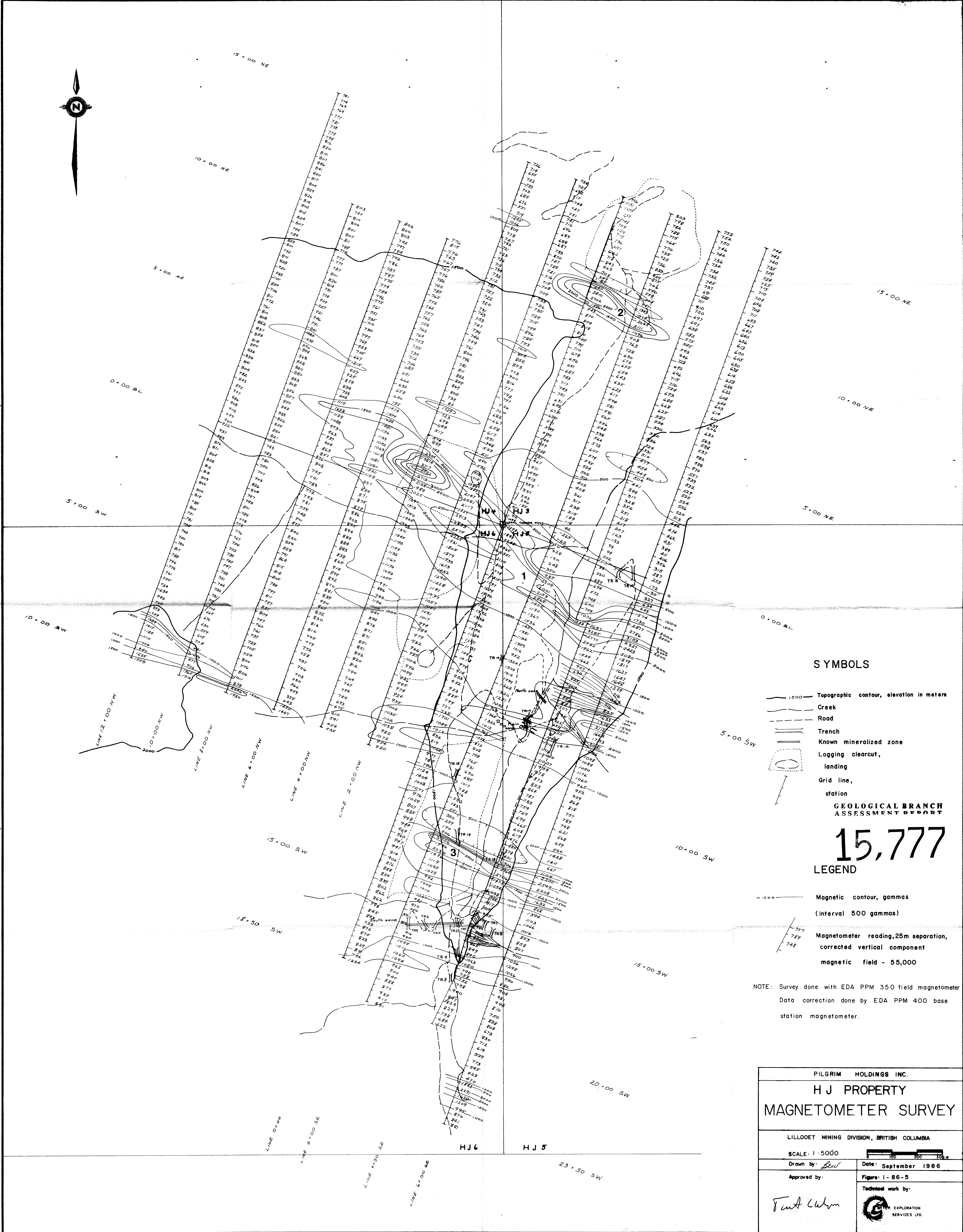
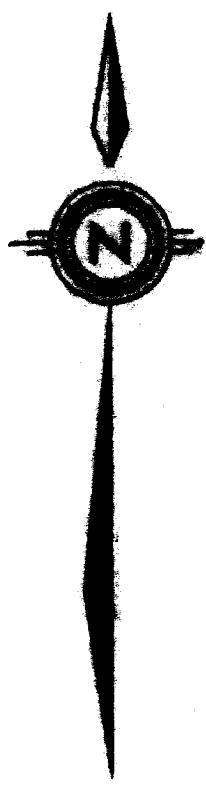
GEOLOGICAL BRANCH ASSESSMENT REPORT

15,777

LEGEND

- GEOCHEMICAL CONTOURS, gold ppb**
- background 0-20 ppb Au
 - possibly anomalous 20-50 ppb Au
 - anomalous > 50 ppb Au

PILGRIM HOLDINGS INC.	
H J PROPERTY GEOCHEMISTRY SOIL SURVEY Au ppb	
LILLOOET MINING DIVISION, BRITISH COLUMBIA	
SCALE: 1:5000	
Drawn by: <i>Bill</i>	Date: September 1986
Approved by: <i>Paul A. Whyte</i>	Figure: 1-86-4
 OTTER EXPLORATION SERVICES LTD.	



SYMBOLS

- 1500 Topographic contour, elevation in meters
- Creek
- Road
- Trench
- Known mineralized zone
- Logging clearcut, landing
- Grid line,
- station

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

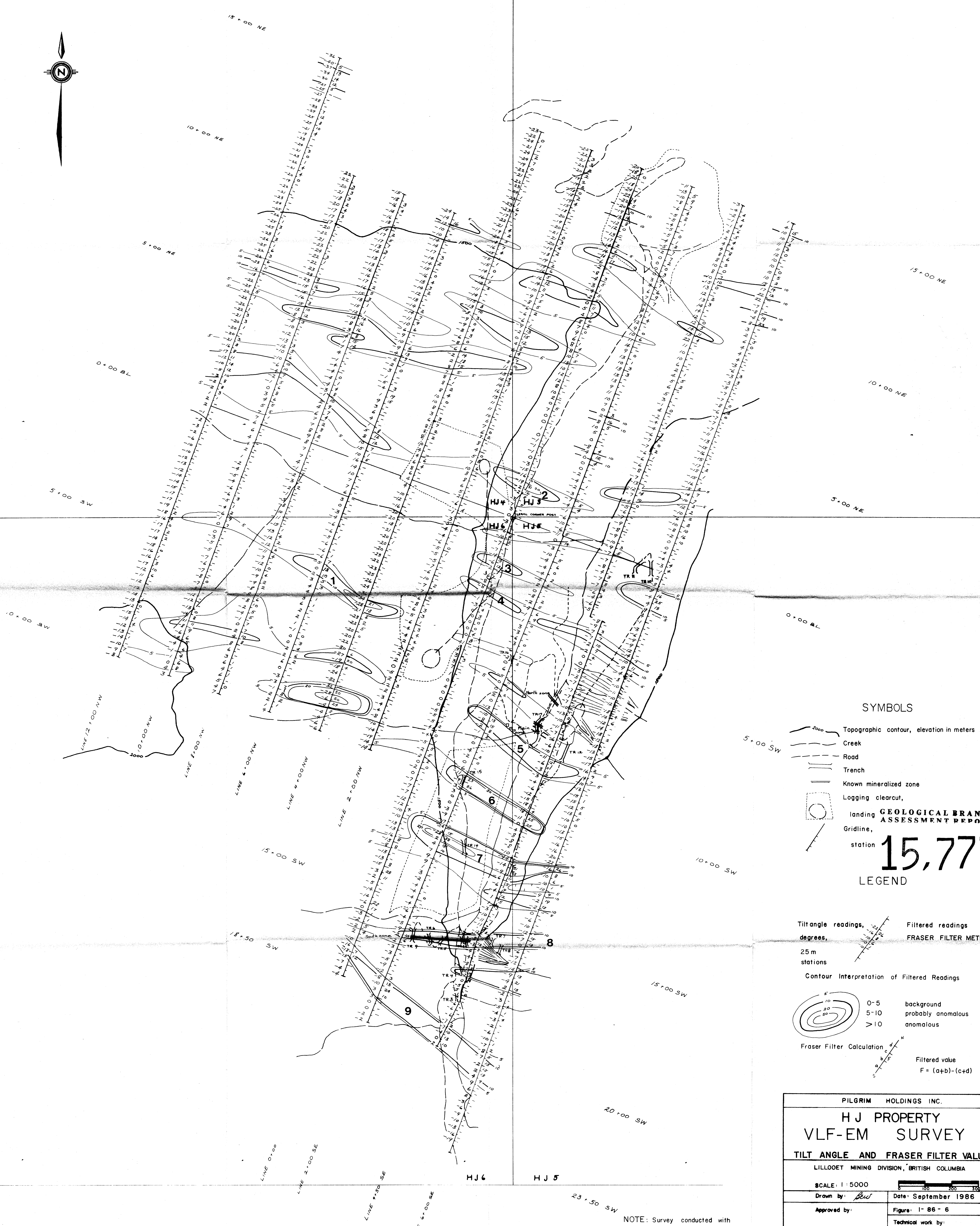
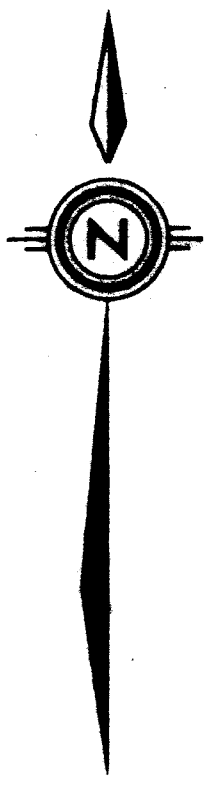
15,777

LEGEND

- 1500 Magnetic contour, gammas
(Interval 500 gammas)
- Magnetometer reading, 25m separation,
corrected vertical component
magnetic field - 55,000

NOTE: Survey done with EDA PPM 350 field magnetometer
Data correction done by EDA PPM 400 base
station magnetometer.

PILGRIM HOLDINGS INC.	
H J PROPERTY MAGNETOMETER SURVEY	
LILLOOET MINING DIVISION, BRITISH COLUMBIA	
SCALE: 1:5000	
Drawn by: <i>Sw</i>	Date: September 1986
Approved by: <i>Furt Wilson</i>	Figure: I-86-5
	Technical work by:



SYMBOLS

- Topographic contour, elevation in meters
- Creek
- Road
- Trench
- Known mineralized zone
- Logging clearcut,
- landing
- Gridline, station

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**
15,777

LEGEND

- Tilt angle readings, degrees, 25 m stations
- Filtered readings, FRASER FILTER METHOD
- Contour Interpretation of Filtered Readings
- 0-5 background
- 5-10 probably anomalous
- >10 anomalous
- Fraser Filter Calculation
- Filtered value $F = (a+b) - (c+d)$

PILGRIM HOLDINGS INC.

**H J PROPERTY
VLF-EM SURVEY**

TILT ANGLE AND FRASER FILTER VALUES

LILLOOET MINING DIVISION, BRITISH COLUMBIA

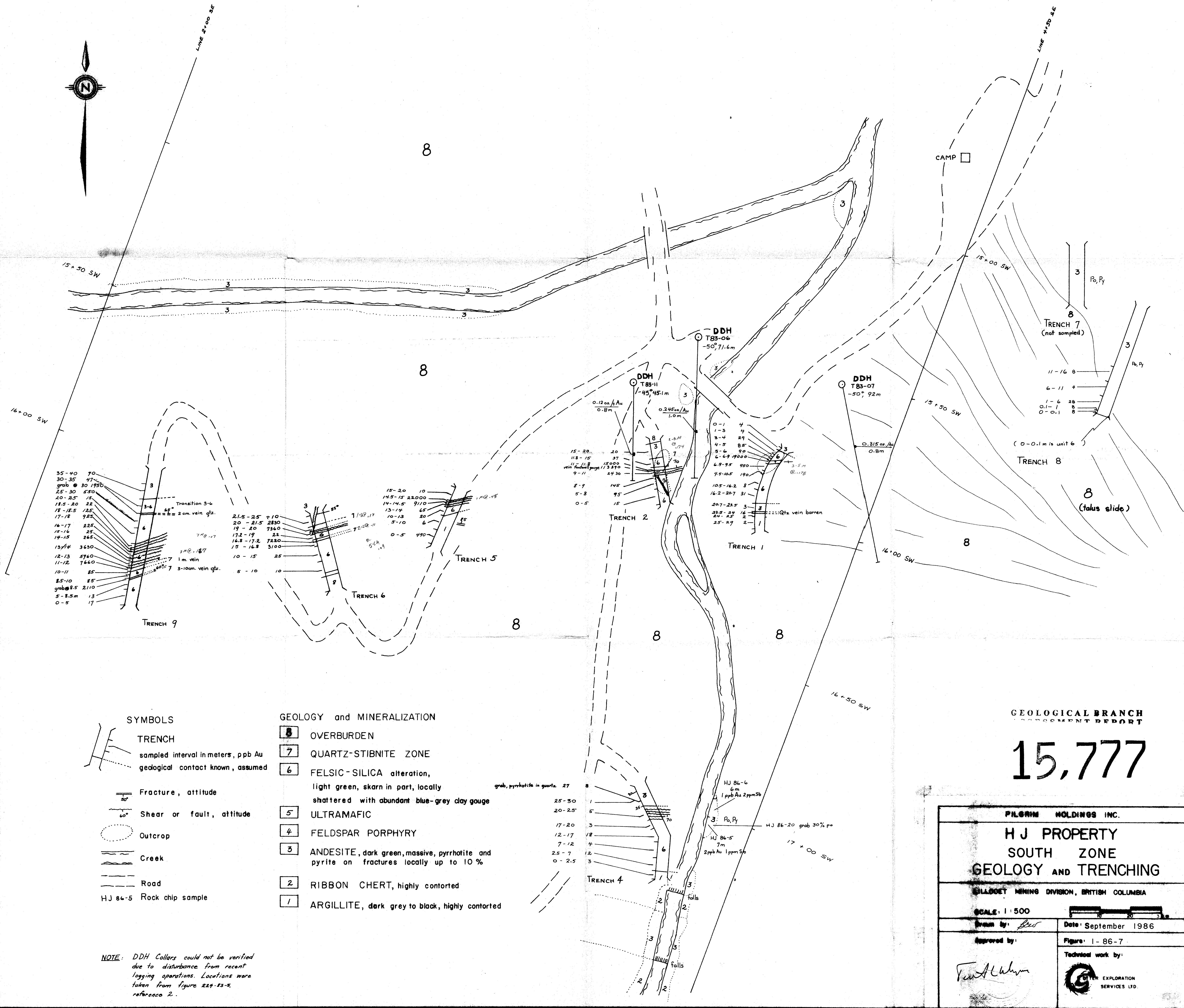
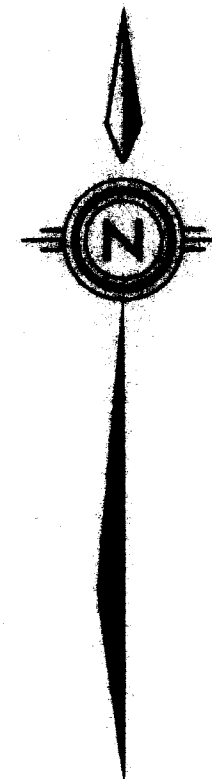
SCALE: 1:5000

Drawn by: *Bev* Date: September 1986

Approved by: *Paul Lubin* Figure: 1-86-6

Technical work by:

NOTE: Survey conducted with
SABRE ELECTRONICS
VLF-EM Model 27 using
CUTLER, MAINE Frequency, facing East



35-40 70
30-35 47
grab @ 30 1750
25-30 650
20-25 15
18.5-20 22
18-18.5 125
17-18 925
16-17 225
15-16 25
14-15 265
13/14 3430
12-13 5740
11-12 7460
10-11 85
8.5-10 85
grab @ 8.5 2110
5-8.5m 13
0-5 17

Transition 3-6
65° = 2cm vein qtz.
7M @ 17
3M @ 187
1m vein
3-10cm vein qtz.

21.5-25 +10
20-21.5 2830
19-20 7360
17.2-19 22
16.8-17.2 7220
15-16.8 3100
10-15 25
5-10 10

15-20 10
14.5-15 22000
13-14 65
10-13 20
5-10 6
0-5 490

15-20 37
11.8-15 15000
9-11 2430

8-9 145
5-8 95
0-5 15

0-1 4
1-3 4
3-4 29
4-5 85
5-6 90
6-6.9 1900
6.9-9.5 950
9.5-10.5 190
10.5-16.2 8
16.2-20.7 31
20.7-23.5 3
23.5-24 16
24-25 2
25-27 2-1

0.12 oz Au / 0.8m
0.245 oz Au / 1.0m
0.315 oz Au / 0.8m

0.1-1 28
0-0.1 8
(0-0.1m is unit 6)

- SYMBOLS**
- TRENCH
 - sampled interval in meters, ppb Au
 - geological contact known, assumed
 - Fracture, attitude
 - Shear or fault, attitude
 - Outcrop
 - Creek
 - Road
 - HJ 86-5 Rock chip sample

- GEOLOGY and MINERALIZATION**
- 8** OVERBURDEN
 - 7** QUARTZ-STIBNITE ZONE
 - 6** FELSIC-SILICA alteration, light green, skarn in part, locally shattered with abundant blue-grey clay gouge
 - 5** ULTRAMAFIC
 - 4** FELDSPAR PORPHYRY
 - 3** ANDESITE, dark green, massive, pyrrhotite and pyrite on fractures locally up to 10%
 - 2** RIBBON CHERT, highly contorted
 - 1** ARGILLITE, dark grey to black, highly contorted

grab, pyrrhotite in quartz. 27

25-30	1
20-25	5
17-20	3
12-17	18
7-12	4
2.5-7	12
0-2.5	3

GEOLOGICAL BRANCH
MINING DIVISION REPORT

15,777

PILGRIM HOLDINGS INC.

H J PROPERTY
SOUTH ZONE
GEOLOGY AND TRENCHING

COLLETT MINING DIVISION, BRITISH COLUMBIA

SCALE: 1:500

Drawn by: *Bev* Date: September 1986

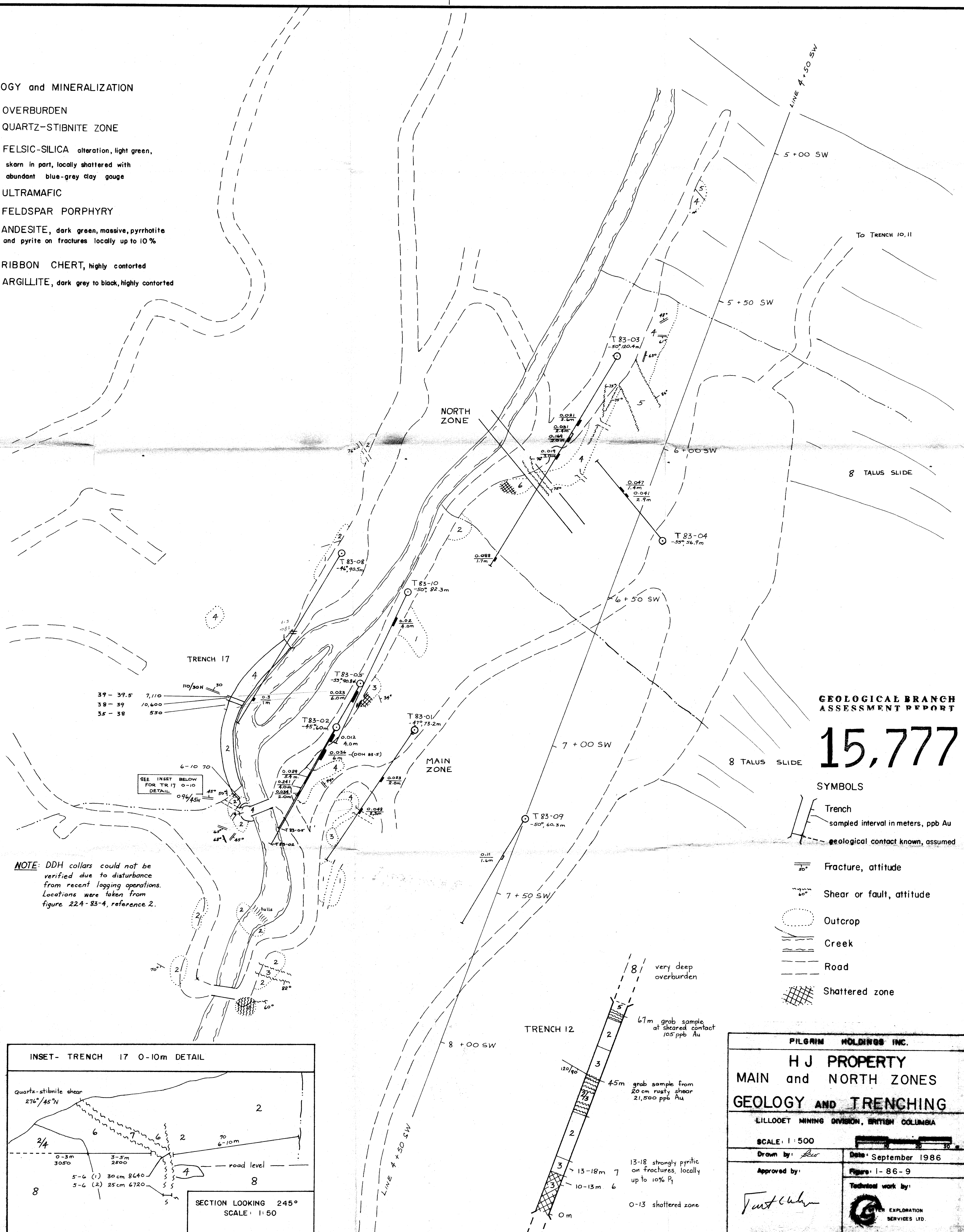
Approved by: *Frank Calver* Figure: 1-86-7

Technical work by: **ENTER EXPLORATION SERVICES LTD.**

NOTE: DDH Collars could not be verified due to disturbance from recent logging operations. Locations were taken from figure 224-83-5, reference 2.

GEOLOGY and MINERALIZATION

- 8 OVERBURDEN
- 7 QUARTZ-STIBNITE ZONE
- 6 FELSIC-SILICA alteration, light green, skarn in part, locally shattered with abundant blue-grey clay gouge
- 5 ULTRAMAFIC
- 4 FELDSPAR PORPHYRY
- 3 ANDESITE, dark green, massive, pyrrhotite and pyrite on fractures locally up to 10%
- 2 RIBBON CHERT, highly contorted
- 1 ARGILLITE, dark grey to black, highly contorted



37-39.5 7,110
38-39 10,600
35-38 550

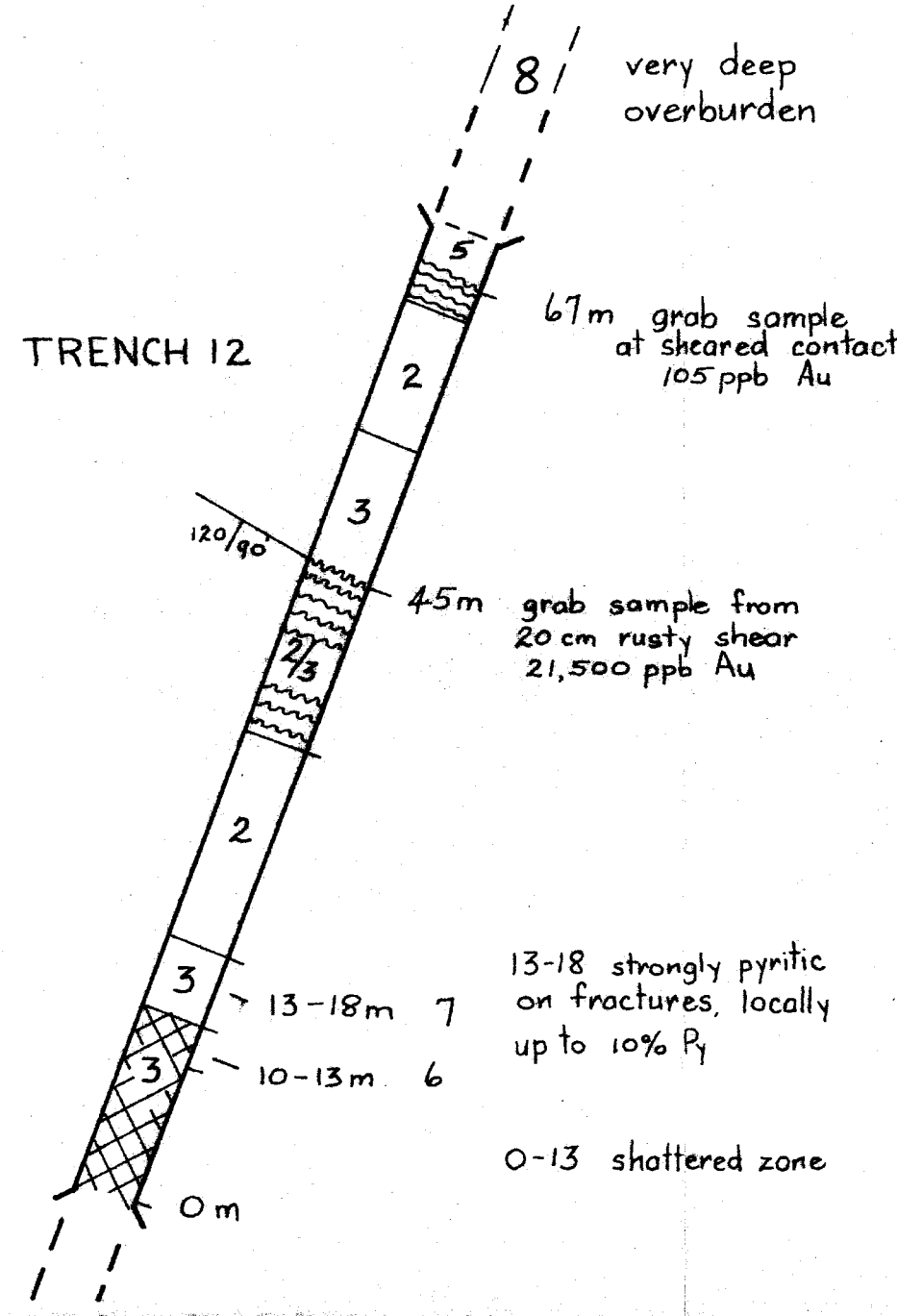
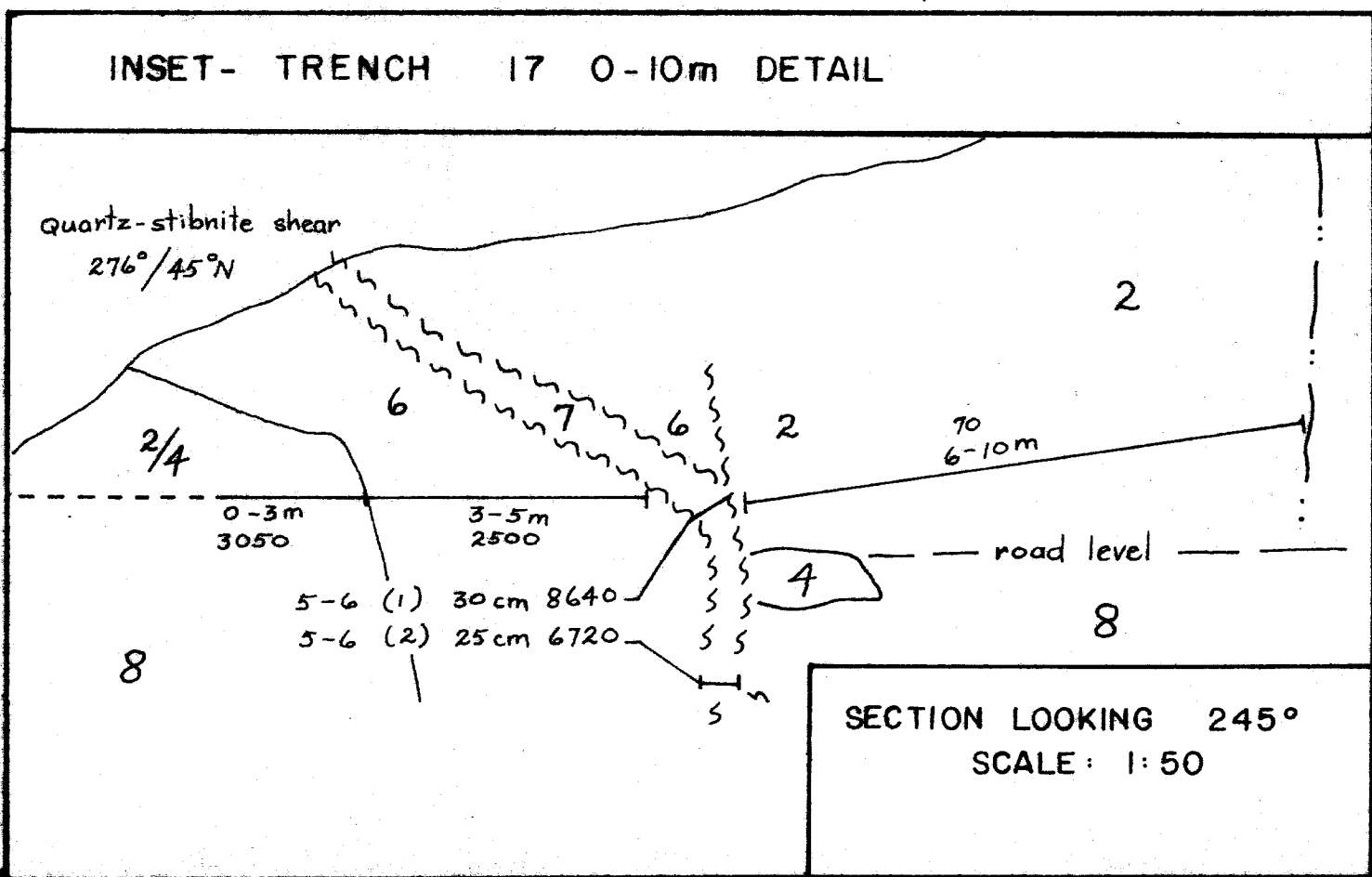
SEE INSET BELOW FOR TR 17 0-10m DETAIL

NOTE: DDH collars could not be verified due to disturbance from recent logging operations. Locations were taken from figure 22.4-83-4, reference 2.

GEOLOGICAL BRANCH ASSESSMENT REPORT

15,777

- SYMBOLS**
- Trench
 - sampled interval in meters, ppb Au
 - geological contact known, assumed
 - Fracture, attitude
 - Shear or fault, attitude
 - Outcrop
 - Creek
 - Road
 - Shattered zone



PILGRIM HOLDINGS INC.

H J PROPERTY

MAIN and NORTH ZONES

GEOLOGY AND TRENCHING

LILLOOET MINING DIVISION, BRITISH COLUMBIA

SCALE: 1:500

Drawn by: *Beur* Date: September 1986

Approved by: *Just Clark* Figure: 1-86-9

Technical work by: **EXPLORATION SERVICES LTD.**