

HUDSON BAY EXPLORATION AND DEVELOPMENT

COMPANY LIMITED

GEOPHYSICAL REPORT

OF

GROUND MAGNETIC AND ELECTOMAGNETIC

SURVEYS ON

THE CANYON CLAIM GROUP

091543

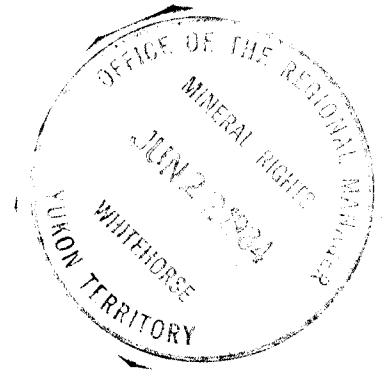
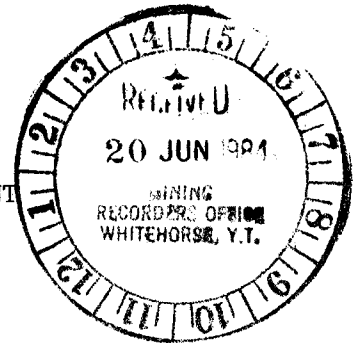
WHITEHORSE MINING DISTRICT

105 K 2 & 3

62°02'/132°55'

APRIL 30 TO MAY 20, 1984

ROBERT STROSHEIN



This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 38,337.⁵⁵

K. Grapes

for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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INTRODUCTION:

A mineralized breccia zone was located by prospecting and trenching. Sampling along the trench yielded an average assay value of .104 opt Au across 14.0 meters. The breccia zone occurs in Tertiary rhyolite flow rocks in the vicinity of the Grew Creek fault. An exploration program was initiated to attempt to determine the extent of the possible mineralization and determine its geological relationships.

The cutting of a line grid was carried out by contract to Eastern Associates of Whitehorse. The 20 NBL was established on a 335° azimuth which parallels the major structural trends in the area. The grid was located to approximately be centered on the trench showing. Section lines were cut perpendicular to the 20 NBL at 100meter intervals. Line 28W passes within several meters of the trench showing at approximately 14+00N. The grid extends from 15+00W to 42+00W. A tie line was established at 10N to close the lines to the south. A total of 33 km. of line was cut including 28 km. of section line.

All lines were chained and picketed at 25 meter horizontal intervals. The lines were subsequently surveyed with VLF-EM and magnetic instruments. All data was processed and compiled on 1:2500 scale plan maps for interpretation. This work was performed by employees of Hudson Bay Exploration and Development Company Limited.

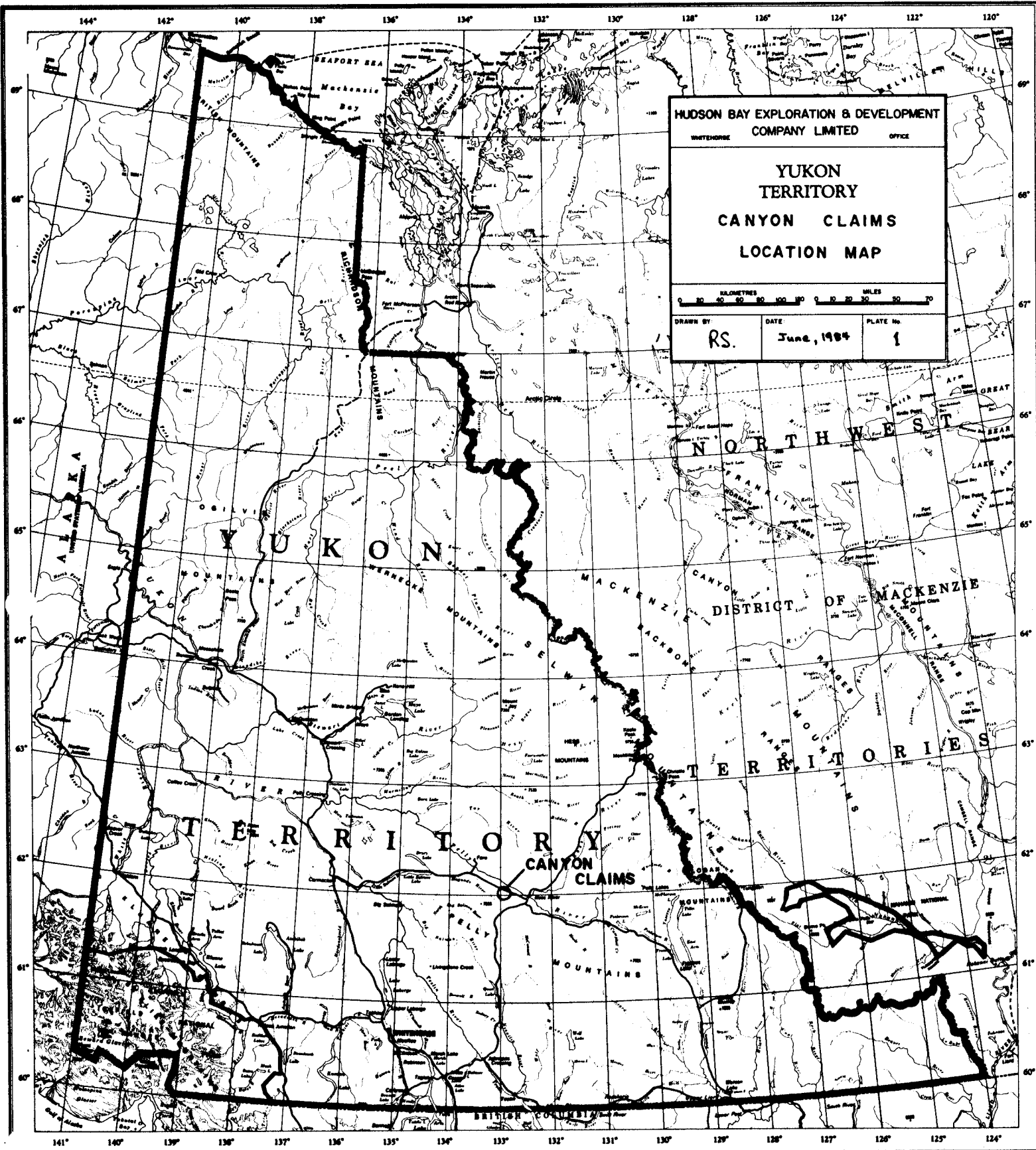
CLAIM OWNERSHIP:

The Canyon claim group is composed of a total of 292 claims in the Whitehorse Mining District on claim sheets 105 K 2 and 3. The following is a listing of the claims:

CANYON 1 - 32	YA 75717 - YA 75748
CANYON 32 - 40	YA 75753 - YA 75760
CANYON 41 - 292	YA 81160 - YA 81411

The present line grid is located on claims CANYON 1 - 10, CANYON 18, CANYON 25 - 32, CANYON 37 and CANYON 41.

The claims are wholly owned by Hudson Bay Exploration and Development Company Limited under the terms of an option agreement with Allen Carlos of Whitehorse, Yukon.



The mailing address for Hudson Bay Exploration and Development is:

100-10 Burns Road
Whitehorse, Yukon Territory
Y1A 4Y9

LOCATION AND ACCESS:

The Canyon claims form a continuous block of claims along the Robert Campbell Highway between the settlements of Ross River and Faro. The eastern end of the claim block is at approximately Kilometer 390 in the Grew Creek area and the western end is approximately Kilometer 420 in the Buttle Creek area.

All areas are easily accessible from the Robert Campbell Highway and numerous auxiliary trails occur throughout the area.

SECANT CHAINING:

The baseline, tie line and sections lines were surveyed with an inclinometer to ensure accurate horizontal distances and to determine the slope in per cent along the lines.

The survey was conducted by two men using a 30 meter chain. The lines were normally chained from the 20 NBL to ensure a constant reference line. Pickets were established at 25 meter intervals corrected for slope by applying the percentage of slope to a correction chart and the correction applied to the measurement in the field. The percentage slope between stations was recorded and used to calculate vertical differences. The vertical intervals were used to compile an approximate contour map used to produce the topographical base map.

VLF-EM SURVEY:

The section lines were surveyed with a Scintrex EM-16 unit. All readings were determined facing south. The transmitting station used was Seattle which is on an azimuth of 315° .

Readings were normally taken at 25 meter intervals with dip angle and quadrature being recorded. Intermediate readings were taken in anomalous areas. Lines 27W to 31W inclusive were surveyed in detail (12.5 meter intervals) as these lines are in the immediate vicinity of the trench showing.

The dip angle readings were corrected to remove terrain influences. The

extreme slopes alter the dip angle readings and may disguise cross overs. The following is the formula applied to each slope percent to produce the terrain correction factor T:

$$T = \frac{1}{2} \arctan \frac{\sqrt{2}}{\tan \tau - \cotan \tau}$$

where:

$$= \text{tangent } \tau_1 \times \frac{\sin e_2}{\sin e_1}$$

where:

τ_1 = measured terrain slope angle along survey line

e_1 = angle between incoming electromagnetic field and strike of morphology

e_2 = angle between strike of survey line and strike of morphology.

T produced a % tilt angle factor to be applied to the field reading. (plus for minus terrain slopes and minus for plus terrain slopes).

The corrected dip angle readings were plotted on 1:2500 scale base map with the quadrature in brackets. The dip angles are profiled to determine anomaly cross overs. See figure 3.

MAGNETIC SURVEY:

The magnetic survey of section lines was carried out with the Scintrex model MP-3 proton magnetometer. The model was used in conjunction with a base station instrument and readings in the Gradiometer mode were also collected.

At each station the total magnetic field and the vertical magnetic gradient is determined by readings from two sensors carried on a staff at a constant separation. The vertical gradient is essentially a measurement of the change in strength of the magnetic field above a magnetic body.

Readings were normally recorded at 25 meter intervals with intermediate readings at 8 meters in anomalous areas.

The results have been recorded on two separate 1:2500 scale maps and anomalous

areas contoured for interpretation. Figure 4 and 5.

GEOLOGY:

The mineralization occurs in a rhyolite flow of tertiary age in the Trench showing. The area of tertiary deposition is bounded on the south by the Grew Creek fault and to the north by the Danger Creek fault. Templeman-Kluit, 1972. The Tertiary deposition is predominated by volcanic units near the southern margin and immature sandstone and shale units in the northern portion of the graben.

Outcrops of Permian metamorphosed sedimentary units form resistant ridges south of the Grew Creek fault while massive limestone and basalts of Permian age outcrop north of the Danger Creek fault.

Outcrops of mafic volcanic rocks of probably Permian age occur along lines 30W & 31W near 14N and west of line 33W.

Along Grew Creek a topographic depression indicates the Grew Creek fault and outcrops of highly variable non welded lithic tuff outcrop. The tuff is disrupted by two large felsic intrusives. See Figure 6. North of the second intrusion include basaltic flows and tuffs and immature sedimentary units.

DISCUSSIONS OF RESULTS:

Figure 3: VLF-EM Survey

The most prominent conductor (A) trends across the map sub parallel the base line at approx. 12+50N from 20+00W to 41+00west. The trace of this conductor coincides with the postulated Grew Creek fault. A recognizable subsidiary structure (B) crosses lines 29W to 32W north of the Grew Creek fault and west of the trench showing.

There are several isolated conductors (C) south of the Grew Creek fault in the Permian metamorphosed sedimentary units.

Numerous strong conductors (D) occur trending at an acute angle to the main trend north of the Grew Creek fault anomaly west of line 33W. These occur in an area underlain mafic volcanics of probably Permian age.

North of the Grew Creek fault along Grew Creek a complex system of features appear with limited extent. These may be complicated by northerly trending fractures coinciding with the creek valley.

Several conductors (E) occur in the north eastern area of the grid.

At 21+25N in line 30W a strong conductor (F) probably trends sub parallel the baseline at least as far east as Grew Creek.

Figure 4: Total Magnetic Field.

The most prominent magnetic anomalies coincide with outcrops of mafic volcanic rocks. The strongest and more intense anomalies in the western portion of the grid are probably related to Permian age rocks.

The anomalies along Grew Creek and its tributary are related to basaltic units of possible Tertiary age.

Figure 5: Vertical Magnetic Gradient

The vertical gradient anomalies correlate to the total field anomalies in each case except along lines 21W and 22W where an anomaly is broadly consistent with the location of outcrops of a felsic intrusive.

CONCLUSIONS AND RECOMMENDATIONS:

The VLF-EM survey is capable of outlining the major structural features. There is a subsidiary anomaly near the Grew Creek fault in the area of the trench showing.

Further detail surveys are required to discriminate the various conductors along Grew Creek and the north east area of the grid.

The magnetic survey appears to be an excellent method of outlining the mafic volcanic units. The magnetics can also be used to discriminate between the Permian aged and Tertiary aged volcanics.

Diamond drilling and trenching is recommended in the area of the trench showing to test the possibility of a subsidiary structure and the possible extent of the mineralized zone.

A handwritten signature in cursive script, reading "Robert Strosher". The signature is written in dark ink and is located at the bottom left of the page.

APPENDIX I

The following personnel were employed by Hudson Bay Exploration and Development Company Limited in conducting the various surveys:

Gerald Bidwell

Bill Jobin-Bevans

Robert Stroshein

all of postal address:

100-10 Burns Road,

Whitehorse, Yukon Territory

Y1A 4Y9

This report was prepared by Robert W. Stroshein. The following is a summary of education and employment experience:

ROBERT W. STROSHEIN

EDUCATION: B. Sc. (Geological Engineering) from
University of Saskatchewan
Graduated in 1973

EMPLOYMENT: 1973 - 1984 Hudson Bay Exploration & Development Co. Ltd.

Flin Flon Office 1973 - 1975

Drill Geologist - field supervisor of diamond
drill projects Northern Manitoba and Saskatchewan.

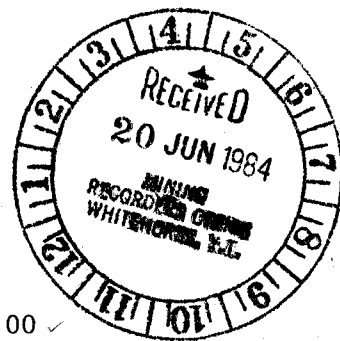
Whitehorse Office

Project Geologist 1975-1980 - field supervisor of
geological mapping, geophysical, geochemical and
prospecting programs in the Yukon Territory.
Included report preparation and assessment.

Senior Exploration Geologist - 1981 - planning,
monitoring and assessing exploration projects
conducted in the Yukon Territory.

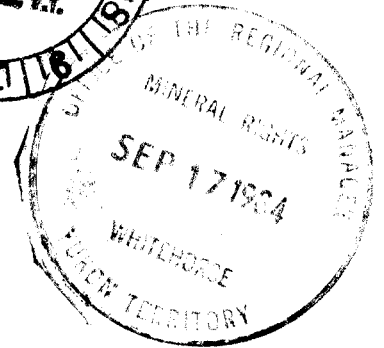
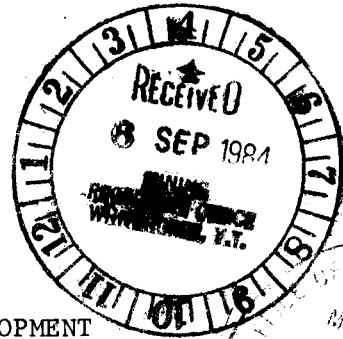
CANYON CLAIMS

SUMMARY OF EXPENDITURES: April 18 - June 6, 1984



LINECUTTING: Eastern Associates (Invoice No. 06892) Power Saw Line grid 33 km @ 250\$/km.	8,250.00 ✓
SECANT CHAINING: 2 men x 6 days @ 150\$/man day	1,800.00 ✓
VLF - EM SURVEY: 5 man days @ 150\$/man day	750.00 ✓
MAGNETIC VERTICAL GRADIENT SURVEY: 7 man days @ 150\$/man day	1,050.00
MEALS: Colette's Cafe to May 20/84	926.55
ACCOMMODATION: Welcome Inn (Invoice No: 2495 & 2496) to May 14/84	850.00
REPORT PREPARATION: Whitehorse Office 4 man days @ 150\$/man day	<u>600.00</u>
Total of Geophysical Surveys	\$ 14,226.55
DIAMOND DRILLING: E. Caron Diamond Drilling Ltd. (Invoice # 1496)	
CAN - 1	10,830.00
CAN - 2	9,381.00
ACCOMMODATION: Welcome Inn June 2-6 (inclusive) 50\$/day	250.00
MEALS: Colette's Cafe June 2-6 (incl) 20 man days @ 33.50\$/man day	670.00
FIELD GEOLOGIST: Chris McAtee 7 days @ 140\$/day	<u>980.00</u>
Total for Diamond Drilling	\$ 22,111.00
TOTAL EXPENDITURES -	<u>\$ 36,337.55</u>

091543



HUDSON BAY EXPLORATION AND DEVELOPMENT

COMPANY LIMITED

ASSESSMENT REPORT

OF

DIAMOND DRILLING
AND TRENCHING

ON

THE CANYON CLAIM GROUP

WHITEHORSE MINING DISTRICT

JUNE 2-6, 1984

105 K 2 and 3

62°02' / 132°55'

ROBERT STROSHEIN

091543

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1. SUMMARY:

Drill testing at the 50 m depth of the Trench showing 1A intersected 1.4 meters of quartz-chalcedony-calcite vein breccias that graded 5.642 grams/tonne gold and 26.96 grams/tonne silver in drill hole CAN-1. Indications of further gold mineralization occur from 84.4 - 92.9 m where core recoveries were too poor to provide reliable results. 50 meters west of trench drill hole CAN-2 intersected 5.9 m grading 1.206 grams/tonne gold and 3.29 grams/tonne silver, and 2.8 m @ 7.490 grams/tonne gold and 55.91 grams/tonne silver in a brecciated chalcedony-quartz-calcite vein zone. Trench 1A in silicified rhyolite flow breccia with chalcedony stringers yield sections of 6.0 m @ 5.05 grams/tonne gold and 6.57 grams/tonne silver and 3.0 m @ 4.36 grams/tonne gold and 6.05 grams/tonne silver. Trench 1B samples indicated 3.3 m @ 18.63 grams/tonne gold and 30.94 grams/tonne silver. Two 2 meter intervals in trench 9 yield assays of approximately 2.5 grams/tonne gold in areas of evident chalcedony veining. The total drilling of drill holes 1 and 2 was 200.2 meters. The program did continue but subsequent drill holes were drilled after the June 7th anniversary date and are not included with this report.

2. LOCATION AND ACCESS:

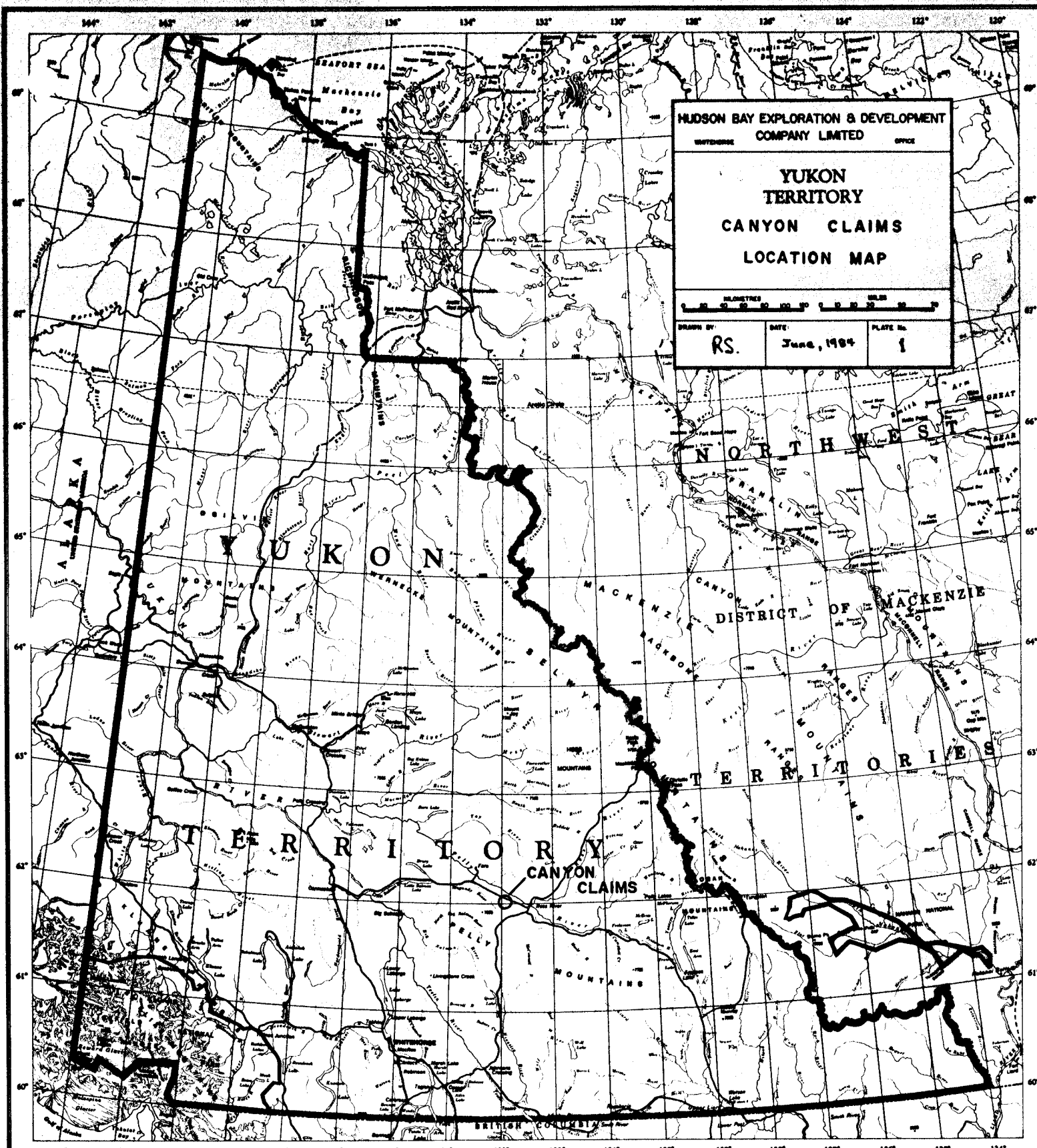
The CANYON claim group is located adjacent the Robert Campbell Highway between Ross River and Faro, Yukon Territory. The claims cover a belt from approximately km 390 to km 410. The mineralized showing occurs on claim CANYON-3 (YA 75719) 500 meters west of Grew Creek. The area is accessible by road. Figure 1.

3. CLAIM OWNERSHIP:

The CANYON claims are wholly owned by Hudson Bay Exploration and Development Company, Limited of 100-10 Burns Road in Whitehorse, Yukon Territory. The claims are owned subject to the fulfillment of agreement terms with Mr. A. Carlos of Whitehorse who retains a net smelter interest in the property.

The claims included are as listed following:

CANYON 1 - 32	YA 75717 - YA 75748
CANYON 33 - 40	YA 75753 - YA 75760
CANYON 41 - 292	YA 81160 - YA 81411



HUDSON BAY EXPLORATION & DEVELOPMENT
 COMPANY LIMITED

YUKON
 TERRITORY
 CANYON CLAIMS
 LOCATION MAP



DRAWN BY: RS.	DATE: June, 1964	PLATE No. 1
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The claims locations are indicated on figure 2.

4. DIAMOND DRILLING AND TRENCHING PROGRAM:

The locations of the trenches and drill holes and local geology are indicated on Figure 3.

Trenches 1A and 1B were excavated with explosives and hand tools during September 1983. Trenches 2-10 inclusive were stripped with a bulldozer between May 28th and June 3rd, 1984. Trench number 3 was further excavated with a backhoe. Weathered bedrock was exposed in trenches 2, 3 and 9 with frozen overburden encountered in the remaining trenches. There are plans to extend the remaining trenches as thawing has since occurred. The geology and sampling results of the trenches 1, 2, 3 and 9 are plotted in Appendix 4.

The diamond drilling program commenced on June 1, 1984 when the drill and equipment were mobilized to the property. The drilling continued beyond the June 7th anniversary date with drill holes CAN-1 and 2 being completed prior to June 7. The holes were cored with HQ equipment and core was removed from the property for processing and study to Whitehorse where it is presently stored in the warehouse of Hudson Bay Exploration and Development Company, Limited at 100-10 Burns Road.

The geologic logs, geologic cross sections and assay results of the drill holes are reported in Appendices I, II and III respectively.

5. GEOLOGY:

Gold mineralization is associated with chalcedony-quartz-calcite vein breccias which indicated several episodes of deposition. The veins occur in a rhyolite flow breccia which is intercalated with a massive lithic tuff composed primarily of rhyolite porphyry clasts.

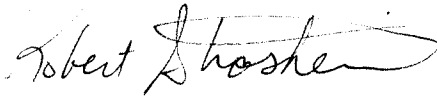
The mineralized showing appears to occur near the intersection of two pre mineralization, post-Permian faults. The major NW trending Grew Creek fault and a North trending transverse fault (which to date is postulated). Outcrops in Grew Creek approximately 500 meters east of the trenched showing and predominantly Tertiary aged Lithic tuff which have been intruded by two later intermediate to felsic bodies.

The pervasive argillic alteration throughout the area and the intense acid leaching in the Trench showing area suggest a possible hot spring depositional model. Further exploration is required to prove this hypothesis

but may prove useful as a guide to the exploration of the area.

6. CONCLUSIONS AND RECOMMENDATIONS:

The surface exposure and diamond drill intersections indicate a significant potential gold mineralized occurrence. The persistence of the mineralization to the 50 meter depth with increased grades indicated the need for further diamond drilling. An extensive program of drilling to depth and along strike in both the east and westward directions is recommended.

A handwritten signature in cursive script, reading "Robert Stroshein". The signature is written in dark ink and is positioned above the typed name.

Robert Stroshein
Senior Exploration Geologist

APPENDIX I

CANYON CLAIMS

GEOLOGIC LOGS

DIAMOND DRILL HOLES

CAN 1-2

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

DIAMOND DRILL LOG

Claim: CANYON 3 YA 75719

Location: 105 K 2

Mining Division Whitehorse

Hole Nº. CAN - 1

Angle: -50°

Direction: North (Grid)

Depth: 103.6

Grid Nº. CAN - 1

Co-Ordinates: 13+50N/28+11W

Date Started: June 2, 1984

Finished: June 5, 1984

Logged By: R. Stroshein

Drilled By: E. Caron Diamond Drilling

DEPTH Meters		DESCRIPTION OF CORE	Page 1 of 3
From	To		
0.0	1.5	Overburden and weathered bedrock	
1.5	2.7	Dark green fine grained mafic volcanic fragments. Poor core recovery.	
2.7	14.7	Buff to grey rhyolite breccia and porphyry. Generally fractured and clay altered. Seams of clay @ 2.7m, 3.6m and 14.2 m. Surface oxidation obvious to 14 m depth. Manganese staining present 2.8-4.9m. 6.7-7.7 m intensely fractured and clay zone. Core recoveries < 20% Areas adjacent recoveries of 90% Wispy quartz @ 13.3 m chalcedony in clay zone @ 14.5 m.	
14.7	17.2	Grey rhyolite tuff. Partially welded. Weak banding visible. Angular clasts (shards) of .2 cm @ 15.9 m. Banding angle @ 30° . Chalcedony veinlet @ 15.8 with occasional wispy laminae.	
17.2	50.9	Grey to black non-welded crystal lithic tuff. Pervasive clay alteration (bleached). Clasts of rhyolite porphyry up to 15 cm. Carbon clasts @ 42 m. iron carbonate along fine fractures @ 26.4 m. clay partings seams and zones @ 19.7 - 20.7 m with chalcedony 18.6 m core angle 30° 21.5-21.8 with frag. chalcedony 22.3 m core angle 35° 30.6 m 30.8 m 32.0 m 38.0 m core angle 78° 39.7 m core angle 55° 42.0 m core angle 75° 42.8 m core angle 60° 43.1 - 47.0 m. 40% core recovery incl. 43.9 - 45.1 m. 10% core recovery 47.8 - 49.4 m. 20% core recovery Chalcedony veinlets @ 33.3 m. intense bleached zone 41.2 - 42.8 m	

DEPTH		DESCRIPTION OF CORE	Page2 of 3
From	To		
50.9	52.3	Pale olive green clay zone. Rhyolite clasts. 35% core recovery.	
52.3	76.3	Light grey to white rhyolite breccia Carbonaceous pyritic partings @ 57.3 m. core angle 30° @ 61.5 - 62.5 m clay seams @ 59.3 - 59.7 m. @ 60.5 m core angle 58° @ 64.0 m core angle 60° intense clay alteration 60.0 - 63.0 m. green disseminated oxide @ 61.5 m 63.0 m. 65.2 m. rhyolite porphyry @ 65.1 - 65.3 m @ 72.2 - 73.1 m clay matrix breccia @ 65.35 - 67.4 m @ 68.0 m @ 71.0 - 71.5 m bleached white 73.8 - 76.3 m. calcareous chalcedony veining - core angle on bands 20° @ 72.5 m with calcite 40° @ 72.7 m 30° @ 74.9 m - fine grained broke sub-parallel @ 73.8 m - fine banded vein @ 74.9 - 75.15 m - brecciated chalcedony and quartz 75.15 - 76.3 m. and calcite	
76.3	82.9	Grey non-welded crystal lithic tuff. Shear gouge contact 76.3 - 76.5 m. gouge @ 77 m. Clay gouge @ 81.3 - 81.5 m with green oxide Core angle 65° @ 78 m. Chalcedony @ 76.8 m. 81.5 - 82.9 m - disseminated pyrite, green oxide with chalcedony stringers and pyrite with carbon along shears	
82.9	93.0	Extremely poor core recovery - this section in one three compartment core box. 82.9 - 84.4 - 75% core recovery - fractured rhyolite with clay matrix clay shear zone 84.1 - 84.3 m 84.4 - 86.0 - 5% core recovery rhyolite breccia fragments chalcedony fragments 86.0 - 87.5 - 35% core recovery rhyolite breccia fragments - clay matrix occasional clots of pyrite. 87.5 - 88.1 - 10% core recovery rhyolite breccia fragments 88.1 - 89.9 - no core 4 inches of rusty sand in box 89.9 - 92.1 - 10% core recovery rhyolite breccia with siliceous matrix fragments occasional quartz fragments clay	
93.0	94.8	Rhyolite breccia with clay matrix. Graphite clay occasional. @ 94.2 pyrite in carbonaceous partings.	
94.8	96.6	Grey non welded crystal lithic tuff. Generally uniform clasts size (1cm) Core angle or fracture of 20° @ 94.8 m 30° @ 96.4 m	

DEPTH

DESCRIPTION OF CORE

From	To	
96.6	98.2	Rhyolite breccia with clay matrix. Light grey quartz in fragments. Pyrite cubes @ 96.9 m.
98.2	99.7	35% core recovery. Clay gouge zone with rhyolite porphyry clasts completely altered to clay.
99.7	100.9	Light grey non-welded crystal lithic tuff. Tan buff alteration evident when wet. Clay gouge present.
100.9	101.1	Clay gouge greenish tan colour.
101.1	103.5	Light grey rhyolite and rhyolite breccia with clay gouge.
	103.6	End of Hole.

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED

DIAMOND DRILL LOG

Claim: CANYON 3 YA 75719

Location: 105 K 2

Mining Division Whitehorse

Hole Nº. CAN - 2

Angle: - 50°

Direction: North (Grid)

Depth: 96.6 m

Grid Nº. CANYON - 1

Co-Ordinates: 13 + 40N/28+ 60W

Date Started: June 5, 1984

Finished: June 6, 1984

Logged By: R. Stroshein

Drilled By: E. Caron Diamond Drilling

DEPTH Meters		DESCRIPTION OF CORE	Page 1 of 3
From	To		
0.0	3.5	Overburden sand and clay	
3.5	5.2	Grey rhyolite and rhyolite porphyry minor clay shears	
5.2	7.9	Rusty weathered clay zone 7.0 - 7.2 m intensely altered rhyolite.	
7.9	13.2	Gradation orange to green coloration at contact. Light grey green intensely clay altered rhyolite locally brecciated. Includes 2 - 3% disseminated pyrite. and 5 - 10% green oxide disseminated (possibly weathered mariposite?)	
13.2	16.5	45° core angle at contact. Dark grey non-welded crystal lithic tuff. Clay gouge zones @ 13.4 - 13.5 m 14.2 - 14.3 m 18.4 - 18.6 m with clasts Shear angle 45° @ 15.6 m.	
16.5	18.4	Buff grey rhyolite porphyry, fractured. Contains 1% disseminated pyrite.	
18.4	19.2	Dark grey non-welded crystal lithic tuff.	
19.2	29.6	Intensely fractured and faulted zone predominantly of clay gouge. Clasts of rhyolite, rhyolite porphyry and lithic tuff. Colour of clay varies from grey green, buff grey to black. 20.8 - 21.9 fragments of chalcedony and rhyolite porphyry 24.6 chalcedony fragments 26.0 - 27.0 competent black rhyolite breccia.	
29.6	34.3	Tan grey fragmental acid tuff in part welded, brecciated and fractured. Chalcedony stringers @ 30.6 - 31.9 m with core angle of 78° Welded banding @ 33.0 m. Shear angle 65° @ 33.1 m. Green oxide disseminated 30.6 - 31.0 m. Clay gouge @ 32.9 m and 33.5 m. Chalcedony stringer @ 34.0 m.	
34.3	35.5	Dark grey clay gouge zone with fine clasts of rhyolite and rhyolite porphyry.	

DEPTH		DESCRIPTION OF CORE	Page 2 of 3
From	To		
35.5	37.9	Light grey to white rhyolite. Clay alteration. Clay breccia @ 36.0 m. Chalcedony banding 36.6 - 37.0 m. core angle 20° Chalcedony band @ 37.2 m.	
37.9	40.9	Intensely sheared fracture zone, predominantly clay gouge. Fragments predominantly rhyolite. 40.5 - 40.9 rhyolite breccia with clay shears.	
40.9	45.3	Rhyolite breccia with wispy matrix of dark clay and sulphides (pyrite) occasionally massive pyrite. Matrix very fine grained clay gouge zone @ 41.4 - 41.7 m. Quartz-chalcedony fragments with rhyolite @ 43.9 m. Core angle 25° @ 44.9 m. on fracture.	
45.3	53.7	White coarse rhyolite breccia with mainly rhyolite matrix. Occasionally wispy sulphide-clay matrix. core angle 40° @ 46.5 m. on shear 55° @ 50.3 m. on shear clay shear zone erratic, occasional sub-parallel core, green clay with rhyolite clasts Fine cavities 47.2 - 48.0 m Clay matrix @ 47.4 m @ 50.0 m. Sulphide matrix @ 48.0 m @ 49.4 m @ 49.7 m @ 50.9 m @ 51.3 m	
53.7	57.0	Clay shear zone with clast of rhyolite porphyry completely clay altered with clasts of lithic tuff begin @ 54.5 m.	
57.0	59.0	White rhyolite porphyry breccia. Fine quartz matrix minor dark (sulphides?) Core angle 35° @ 58.5 m on shear	
59.0	61.1	Clay gouge zone clasts of rhyolite porphyry and lithic tuff. Rhyolite clast intensely clay altered.	
61.1	67.7	Dark grey non-welded crystal lithic tuff. Clasts up to .2 m in core length. Core angles on fractures 55° @ 61.7 m 65° @ 62.1 m with graphite partings 60° @ 63.2 m 72° @ 63.5 m 50° @ 64.5 m 61.1 - 65.1 m. salt and pepper textured fine clasts in lithic tuff 3-5 % disseminated muscovite grains 2-3% disseminated pyrite. Core very competent. Clay bands along partings in core 45° core angle @ 65.3 m. 65.1 - 67.7m clay gouge zone with large clasts. Rhyolite porphyry clasts clay altered with carbonaceous clasts.	
67.7	68.3	Rhyolite quartz banded chalcedony breccia very light grey colour bleached and altered. Core angle 60° @ 68.2 m.	
68.3	70.5	Clay matrix rhyolite breccia. 70.3 - 70.5 - banded chalcedony-rhyolite breccia.	

DEPTH		DESCRIPTION OF CORE	Page 3 of 3
From	To		
70.5	71.7	Light grey fractured rhyolite breccia. Some wispy sulphide matrix. wispy chalcedony @ 71.1 m. with core angle 70° on band lower contact core angle 40°.	
71.7	80.0	Grey non-welded crystal lithic tuff. Shears with graphitic clay partings core angles 35° @ 72.6 m. 85° @ 72.8 m. 72.8 - 74.4 Salt and pepper textured tuff. Fine clasts of white quartz. Core Angle 45° @ 73 m. Minor disseminated muscovite and pyrite grains. after 74.4 clasts become variable including fine grained black clastics and rhyolite. Rhyolite clasts commonly altered to clay. Sizes of clasts up to 5 cm. Graphite clay on fractures @ 30° @ 76 m. Black fine grained matrix dominant over dark grey clasts from 79.5 - 80.0 meters.	
80.0	88.1	Dark grey dense fragmental rhyolite breccia. Fragment size variable with dark fine grained matrix including pyrite from 81.6 - 82.7 m. Core angles: 47° @ 81.0 m with graphitic clay on parting 50° @ 82.0 m. 50° @ 85.0 m. 85.0 - 85.7 m - 90% core recovery. Highly fractured core - ground to sand size. Limonite grains. lower contact core angle 45° @ 88.1 m.	
88.1	96.3	Grey non-welded crystal lithic tuff. Highly variable clast size up to 20 cm. Rhyolite porphyry clast clay altered @ 93.2 m. Core angle 23° @ 90.8 m. which separates section of large clasts from fine grained matrix dominated section. Clasts included dense breccia. A breccia clast @ 90.5 m. has muscovite grains with quartz clasts in white quartz matrix. 93.0 - 95.3 salt and pepper textured clastic tuff large co-ponent (40-50%) quartz clasts. Clast sizes vary from fine sand size to 1 cm. core angles: 80° @ 94 m. with clay along fracture 50° @ 91.8 m. along clast contacts 50° @ 92.9 m. along clast contact 45° @ 96.2 m. along clast contact	
	96.3	END OF HOLE	

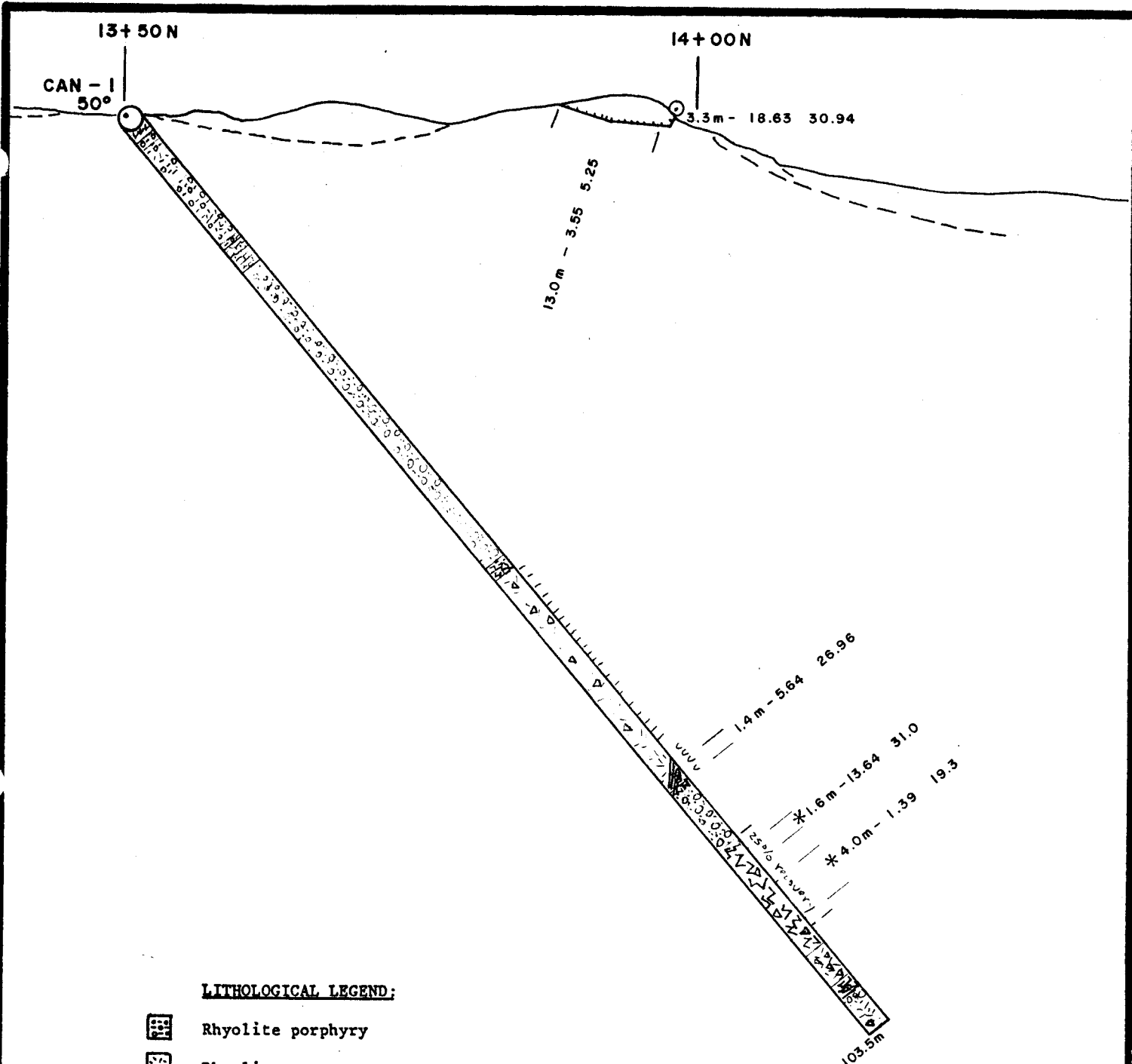
APPENDIX II

CANYON CLAIMS








GEOLOGIC CROSS SECTIONS

DIAMOND DRILL HOLES





CAN 1-2




LITHOLOGICAL LEGEND:

-  Rhyolite porphyry
-  Rhyolite
-  Mafic volcanic
-  Lithic tuff
-  Welded tuff
-  Hydrothermal vein/breccia
-  Fault breccia

ALTERATION PATTERN:

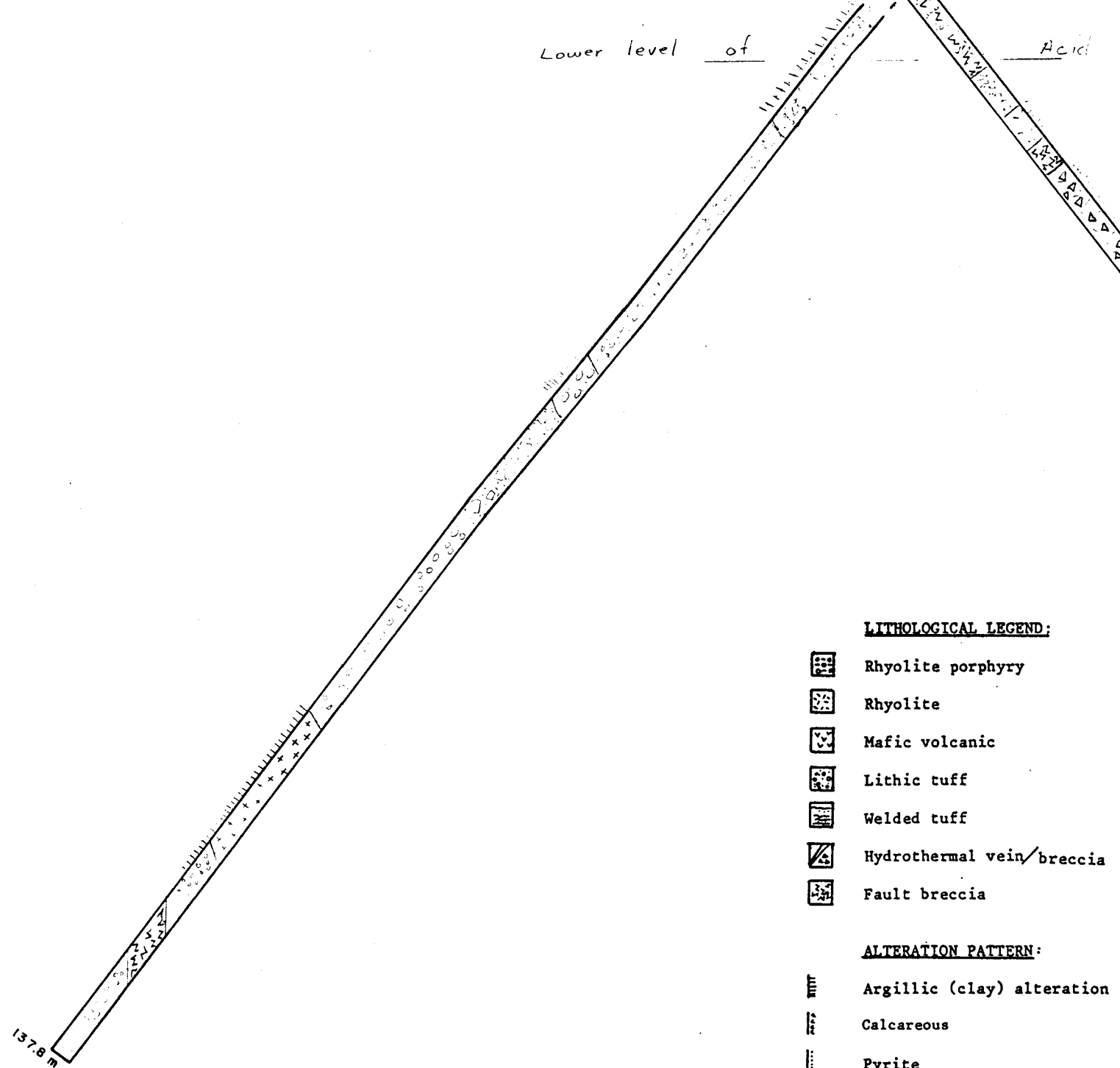
-  Argillic (clay) alteration
-  Calcareous
-  Pyrite
-  Silicification

ASSAYS : Core width- Au Ag gram/tonne
* < 5 % core recovery








HUDSON BAY EXPLORATION & DEVELOPMENT	
WHITEHORSE	OFFICE
SECTION 28 + 10 W	
Looking West	
Azimuth section: 045°	
SCALE: Meters	
0 5 10 15 20	
	
DATE: AUGUST 3, 1984	
DRAWN BY: <i>R.S.</i>	

Lower level of





Acid



LITHOLOGICAL LEGEND:

-  Rhyolite porphyry
-  Rhyolite
-  Mafic volcanic
-  Lithic tuff
-  Welded tuff
-  Hydrothermal vein/breccia
-  Fault breccia

ALTERATION PATTERN:

-  Argillic (clay) alteration
-  Calcareous
-  Pyrite
-  Silicification

APPENDIX III

CANYON CLAIMS

ASSAY RESULTS

DIAMOND DRILL HOLES

CAN 1-2

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED
Northwest District

Jul 11/84

Project: CANYON (7302)

page 1 of 2

Drill Hole No.: CAN-1
Co-ordinates: 28+11W
13+50N
Collar Elev.:
Azimuth: grid NORTH
Angle: -50
Hole Depth: 103.6 metres

Claim No.: Canyon 3
Core Size: HQ
Date Started: Jun 02/84
Completed: Jun 05/84
Logged by: R. Stroshein
Section: 28+00W
% Recovery:

HOLE SURVEYS (corrected)
depth direction dip

() - approximate
N.A. - not assayed
gold values >10000 ppb shown as 10000
silver values >50.0 ppm shown as 50.0

FROM	TO	SAMPLE No.	WIDTH (METRES)	GOLD (ppb)	SILVER (ppm)	GOLD gm/tonne	SILVER gm/tonne	ARSENIC (ppm)	MERCURY (ppb)
0.00	2.80	D.B.	2.80						
2.80	3.60	76423	0.80	25	0.30			30	540
3.60	3.90	76424	0.30	20	0.20			28	300
3.90	4.90	76425	1.00	65	0.40			105	470
4.90	5.60	76426	0.70	95	0.60			16	190
5.60	6.70	76427	1.10	50	0.90			43	235
6.70	7.70	76428	1.00	715	1.00			83	900
7.70	8.70	76429	1.00	320	1.80			400	375
8.70	9.70	76430	1.00	490	1.50			220	195
9.70	10.70	76431	1.00	440	1.40			145	160
10.70	11.70	76432	1.00	190	1.30			120	220
11.70	12.80	76433	1.10	45	0.80			220	145
12.80	14.20	76434	1.40	230	1.50			190	13
14.20	14.70	76435	0.50	25	0.10			100	1300
14.70	15.80	76436	1.10	2	0.70			33	1200
15.80	17.20	76437	1.40	10	1.00			22	340
17.20	18.60	76438	1.40	40	0.30			21	285
18.60	19.70	76439	1.10	10	0.30			30	220
19.70	20.70	76440	1.00	15	0.40			14	500
20.70	21.60	76441	0.90	590	1.00			55	200
21.60	22.60	76442	1.00	155	0.80			100	90
22.60	23.60	76443	1.00	80	0.70			180	65
23.60	24.70	76444	1.10	75	1.20			155	75
24.70	26.20	76445	1.50	285	1.30			180	85
26.20	27.70	76446	1.50	410	1.40			103	90
27.70	29.30	76447	1.60	395	1.50			105	60
29.30	30.80	76448	1.50	565	3.30			380	130
30.80	32.30	76449	1.50	405	3.80			400	155
32.30	33.80	76450	1.50	485	5.20			600	130
33.80	35.40	76451	1.60	430	4.10			600	125
35.40	36.90	76452	1.50	710	2.90			290	150
36.90	38.40	76453	1.50	305	2.20			230	250
38.40	39.60	76454	1.20	375	1.30			100	160
39.60	41.10	76455	1.50	175	1.20			145	120
41.10	42.80	76456	1.70	105	0.70			100	125
42.80	43.90	76457	1.10	95	1.40			130	110
43.90	45.10	76458	1.20	310	2.80			280	800
45.10	47.00	76459	1.90	145	1.30			210	140
47.00	47.80	76460	0.80	90	0.70			145	125
47.80	49.40	76461	1.60	470	1.70			110	140
49.40	50.90	76462	1.50	275	0.70			600	110
50.90	52.30	76463	1.40	200	0.90			200	350

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED
Northwest District

Jul 11/84

Project: CANYON (7302)

Drill Hole No.: CAN-1

page 2 of 2

FROM	TO	SAMPLE No.	WIDTH (METRES)	GOLD (ppb)	SILVER (ppm)	GOLD gm/tonne	SILVER gm/tonne	ARSENIC (ppm)	MERCURY (ppb)
52.30	53.60	76464	1.30	600	1.40			125	240
53.60	54.50	76465	0.90	800	0.90			28	110
54.50	55.50	76466	1.00	275	0.70			24	120
55.50	57.00	76467	1.50	135	0.60			14	80
57.00	58.50	76468	1.50	135	0.60			17	80
58.50	59.70	76469	1.20	240	0.60			20	75
59.70	61.30	76470	1.60	700	1.30			47	145
61.30	62.80	76471	1.50	335	2.80			70	120
62.80	64.30	76472	1.50	160	1.70			37	80
64.30	65.10	76473	0.80	95	1.00			38	150
65.10	66.10	76474	1.00						
66.10	67.70	76475	1.60	165	1.30			30	125
67.70	69.20	76476	1.50	270	2.00			50	135
69.20	70.70	76477	1.50	135	1.10			50	75
70.70	72.20	76478	1.50						
72.20	73.10	76479	0.90	15	0.10			37	500
73.10	73.80	76480	0.70	190	1.10			20	70
73.80	74.90	76481	1.10	330	2.00			21	100
74.90	75.30	76482	0.40	10000	50.00	14.95	49.37	23	3000
75.30	76.30	76483	1.00	1770	18.00	1.92		33	1700
76.30	76.80	76484	0.50	240	2.00			93	260
76.80	78.30	76485	1.50	100	0.90			50	80
78.30	79.90	76486	1.60	110	0.70			110	135
79.90	81.30	76487	1.40	105	2.60			125	185
81.30	81.50	76488	0.20	15	1.50			110	1000
81.50	82.90	76489	1.40	60	1.20			80	235
82.90	84.40	76490	1.50	245	1.60			80	200
84.40	86.00	76491	1.60	10000	31.00	13.65		48	1000
86.00	87.50	76492	1.50	230	1.80			102	310
87.50	88.10	76493	0.60	80	1.60			85	210
88.10	89.90	76494	1.80	1540	36.00	1.71		78	1150
89.90	92.10	76495	2.20	1030	5.60	1.13		115	950
92.10	93.00	76496	0.90	105	1.30			120	275
93.00	94.20	76497	1.20	80	1.10			103	355
94.20	94.80	76498	0.60	135	2.20			160	340
94.80	96.60	76499	1.80	50	0.90			80	180
96.60	98.20	76500	1.60	115	1.20			103	115
98.20	99.70	76501	1.50	175	1.30			80	70
99.70	100.90	76502	1.20	95	1.00			100	175
100.90	102.40	76503	1.50	65	2.10			60	330
102.40	103.60	76504	1.20	320	2.60			62	405

ASSAY SUMMARY

FROM	TO	WIDTH (metres)	GOLD gm/tonne	SILVER gm/tonne
74.90	75.30	0.40	14.95	49.37
or 74.90	76.30	1.40	5.64	(26.96)
84.40	86.00	1.60	13.65	(31.00)
88.10	92.10	4.00	1.39	(19.28)

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED
Northwest District

Jul 24/84

Project: CANYON (7302)

page 1 of 2

Drill Hole No.: CAN-2
Co-ordinates: 28+60W
13+40n

Collar Elev.:
Azimuth: grid NORTH
Angle: -50

Hole Depth: 96.6 metres

Claim No.: Canyon 3
Core Size: HQ
Date Started: Jun 05/84
Completed: Jun 06/84
Logged by: R. Stroshein
Section: 28+50W
% Recovery:

HOLE SURVEYS (corrected)
depth direction dip
31.0 m -51.0
61.0 m -51.0
95.0 m -50.0

() - approximate
gold values >10000 ppb shown as 10000
silver values >50.0 ppm shown as 50.0
mercury values >5000 ppb show as 5000

FROM	TO	SAMPLE No.	WIDTH (METRES)	GOLD (ppb)	SILVER (ppm)	GOLD gm/tonne	SILVER gm/tonne	ARSENIC (ppm)	MERCURY (ppb)
0.00	3.50	O.R.	3.50						
3.50	4.50	74505	1.00	235	2.20			230	140
4.50	5.20	74506	0.70	280	1.60			65	75
5.20	6.70	74507	1.50	995	1.40			190	80
6.70	7.90	74508	1.20	85	0.90			280	120
7.90	9.70	74509	1.80	60	0.70			160	65
9.70	11.20	74510	1.50	75	0.60			145	55
11.20	12.20	74511	1.00	45	0.50			130	55
12.20	13.20	74512	1.00	45	0.50			130	65
13.20	14.30	74513	1.10	30	0.50			70	265
14.30	15.80	74514	1.50	60	0.60			65	55
15.80	16.50	74515	0.70	40	0.30			28	40
16.50	18.40	74516	1.90	135	1.00			280	95
18.40	20.40	74517	2.00	175	1.30			250	130
20.40	21.90	74518	1.50	10	0.40			46	525
21.90	23.40	74519	1.50	55	1.20			70	260
23.40	25.00	74520	1.60	340	2.20			300	165
25.00	26.00	74521	1.00	115	2.00			200	115
26.00	27.00	74522	1.00	165	2.00			450	130
27.00	28.00	74523	1.00	430	3.20			190	260
28.00	29.60	74524	1.60	560	3.40			60	255
29.60	30.80	74525	1.20	25	0.50			17	335
30.80	32.00	74526	1.20	10	0.20			2	900
32.00	32.90	74527	0.90	5	0.10			8	800
32.90	34.10	74528	1.20	5	0.20			17	435
34.10	35.50	74529	1.40	20	0.30			38	520
35.50	36.60	74530	1.10	115	0.60			36	95
36.60	37.00	74531	0.40	20	0.40			30	100
37.00	37.90	74532	0.90	25	0.30			22	70
37.90	38.70	74533	0.80	65	0.60			18	80
38.70	39.90	74534	1.20	375	1.80			23	100
39.90	40.50	74535	0.60	140	2.70			32	150
40.50	40.90	74536	0.40	15	0.80			14	65
40.90	41.40	74537	0.50	670	6.50			95	175
41.40	43.00	74538	1.60	150	6.20			50	330
43.00	44.20	74539	1.20	65	2.90			38	180
44.20	45.30	74540	1.10	205	13.00			110	1100
45.30	46.40	74541	1.10	180	2.20			17	200
46.40	47.80	74542	1.40	60	0.90			27	95
47.80	48.40	74543	0.60	855	2.70			17	130
48.40	49.40	74544	1.00	150	1.40			14	140
49.40	50.90	74545	1.50	830	3.30			28	230

HUDSON BAY EXPLORATION AND DEVELOPMENT COMPANY LIMITED
Northwest District

Jul 24/84

Project: CANYON (7302)

Drill Hole No.: CAN-2

page 2 of 2

FROM	TO	SAMPLE No.	WIDTH (METRES)	GOLD (ppb)	SILVER (ppm)	GOLD gm/tonne	SILVER gm/tonne	ARSENIC (ppm)	MERCURY (ppb)
50.90	52.40	74546	1.50	1220	5.20	1.75		26	300
52.40	53.70	74547	1.30	1320	2.80	1.75		22	170
53.70	54.50	74548	0.80	160	1.50			50	150
54.50	55.50	74549	1.00	55	0.60			80	110
55.50	57.00	74550	1.50	85	0.60			80	140
57.00	58.00	74551	1.00	130	0.80			17	110
58.00	59.00	74552	1.00	160	1.10			65	105
59.00	60.00	74553	1.00	50	0.90			120	335
60.00	61.10	74554	1.10	10	0.30			170	3800
61.10	62.10	74555	1.00	150	1.30			150	2850
62.10	63.10	74556	1.00	105	3.00			210	1300
63.10	64.10	74557	1.00	95	44.00			105	600
64.10	65.10	74558	1.00	215	9.00			120	900
65.10	66.10	74559	1.00	25	2.60			60	400
66.10	67.70	74560	1.60	25	1.20			60	315
67.70	68.30	74561	0.60	10000	50.00	15.60	124.11	26	5000
68.30	68.80	74562	0.50	415	3.80			48	290
68.80	70.30	74563	1.50	5015	44.00	5.35		58	5000
70.30	70.50	74564	0.20	10000	50.00	16.83	70.97	40	5000
70.50	71.10	74565	0.60	240	4.10			48	300
71.10	71.70	74566	0.60	295	4.90			90	260
71.70	72.20	74567	0.50	60	2.70			290	1100
72.20	72.80	74568	0.60	75	2.00			295	650
72.80	73.80	74569	1.00	25	1.40			580	475
73.80	74.40	74570	0.60	95	2.10			390	400
74.40	75.30	74571	0.90	40	2.40			220	750
75.30	76.80	74572	1.50	15	0.60			45	260
76.80	78.30	74573	1.50	70	1.20			110	700
78.30	80.00	74574	1.70	120	2.00			290	1400
80.00	81.40	74575	1.40	85	2.40			160	3450
81.40	82.90	74576	1.50	95	2.60			240	3000
82.90	84.40	74577	1.50	150	2.70			140	1000
84.40	86.00	74578	1.60	125	1.80			70	800
86.00	87.50	74579	1.50	325	12.00			130	800
87.50	88.10	74580	0.60	125	2.60			140	900
88.10	89.00	74581	0.90	305	2.80			390	1500
89.00	90.50	74582	1.50	195	2.00			280	2000
90.50	92.10	74583	1.60	25	0.20			120	600
92.10	93.20	74584	1.10	15	1.60			70	1750
93.20	94.10	74585	0.90	5	0.40			14	280
94.10	95.10	74586	1.00	2	0.30			30	500
95.10	96.30	74587	1.20	5	0.60			23	515

ASSAY SUMMARY

FROM	TO	WIDTH (metres)	GOLD gm/tonne	SILVER gm/tonne
50.90	53.70	2.80	1.75	(4.1)
67.70	68.30	0.60	15.60	124.11
or 67.70	70.50	2.80	7.31	(55.9)

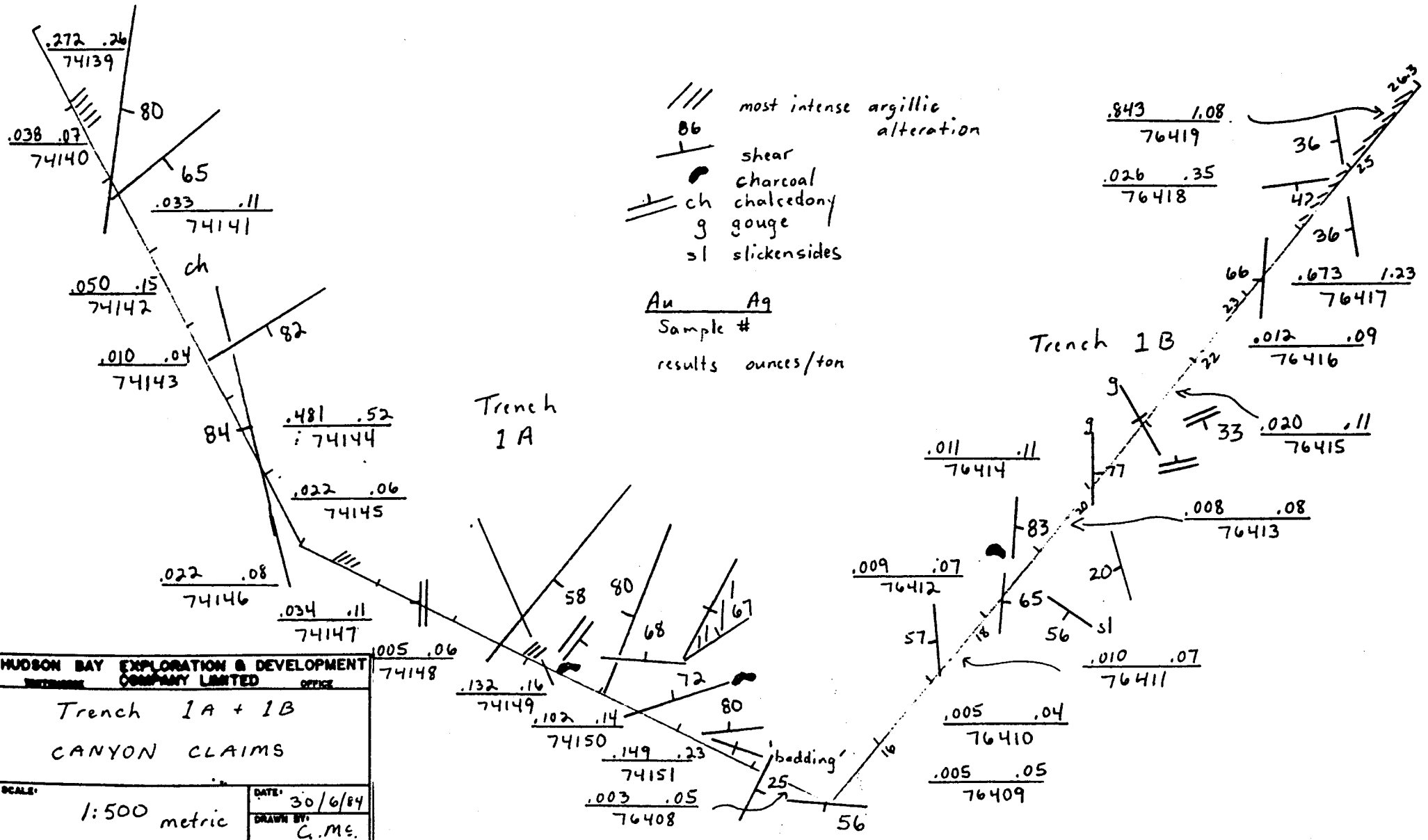
APPENDIX IV

CANYON CLAIMS

GEOLOGIC AND ASSAY PLANS

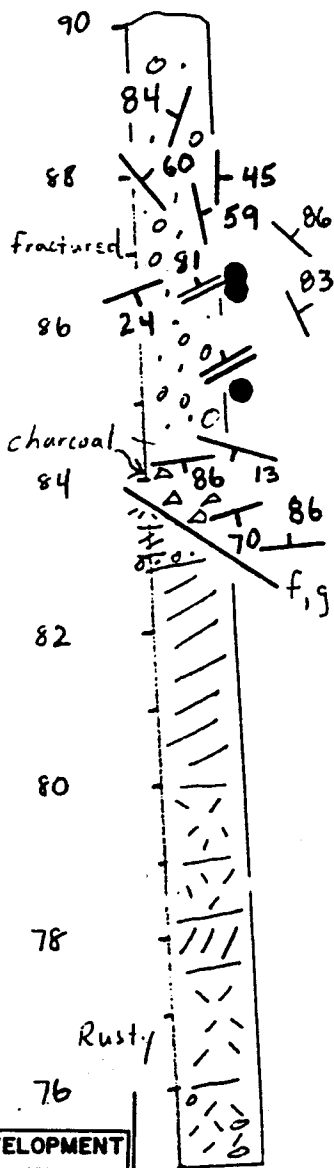
TRENCHES

1, 2, 3 & 9.



HUDSON BAY EXPLORATION & DEVELOPMENT COMPANY LIMITED	
Trench 1A + 1B CANYON CLAIMS	
SCALE: 1:500 metric	DATE: 30/6/84 DRAWN BY: C.M.E.

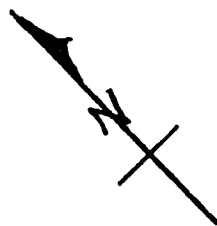
- 13+90 N



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- 13+85

- 13+80



215 27.0
75681

205 1.5
75683

120 0.7
75680

260 0.8
75682

20 0.4
75684

20 0.6
75685

15 0.2
75687

35 1.0
75686

- 86 / shear
- f / fault
- g / gouge
- c / contact
- / Chalcedony



Tuff



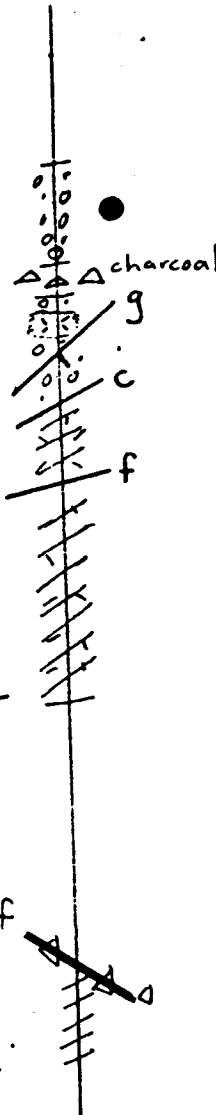
Rhyolite (porph)



Clay



Breccia, rhyolite



Au^{ppb} Ag^{ppm} Trench 2
Sample #

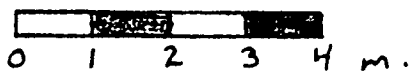
* anomalous Hg

28+30 v

HUDSON BAY EXPLORATION & DEVELOPMENT COMPANY LIMITED	
CANYON TRENCHES 2 + 3	
SCALE: 1:100 metric	DATE: 30/6/84 DRAWN BY: C.Mc

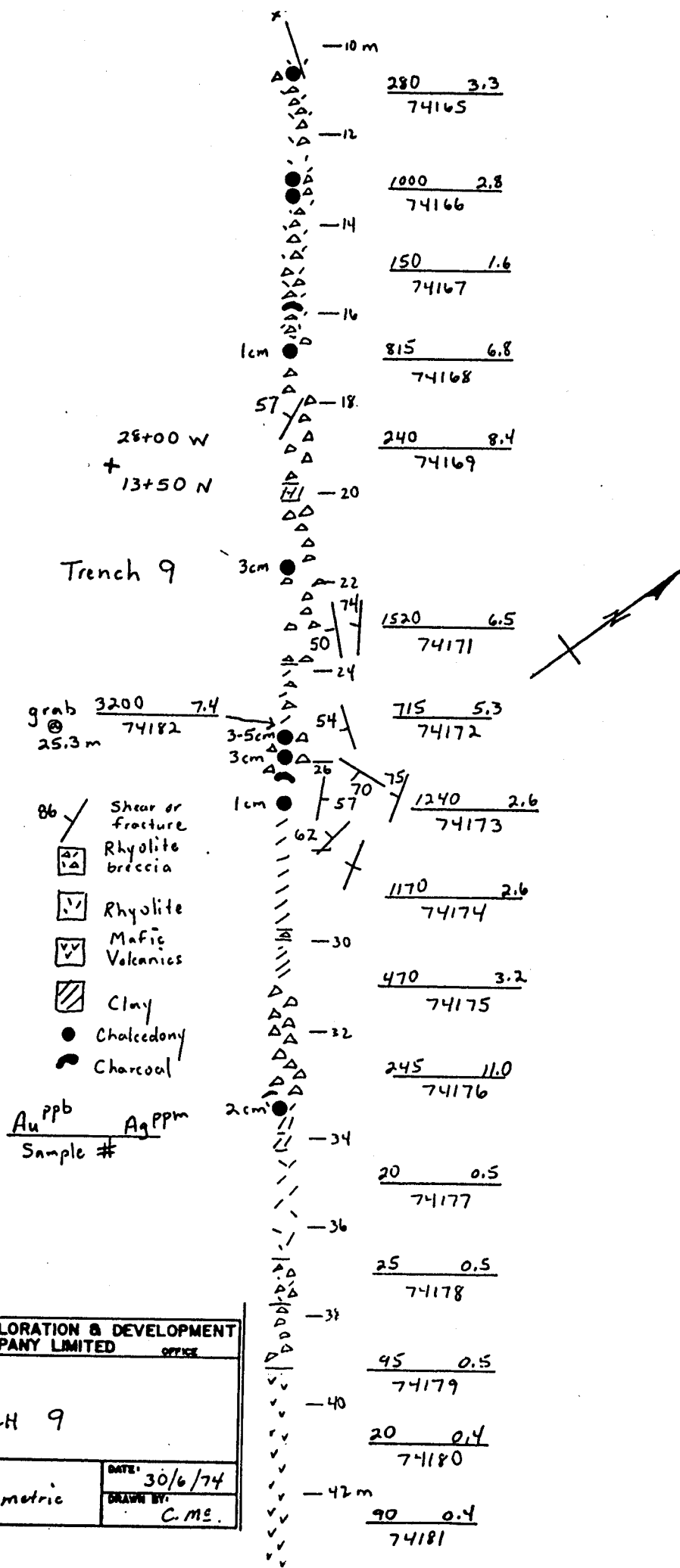
Trench 3

28+50 w
1



1:100

28+40



HUDSON BAY EXPLORATION & DEVELOPMENT COMPANY LIMITED	
CANYON	TRENCH 9
SCALE: 1:100 reduced	DATE: 30/6/74 DRAWN BY: C.M.E.

APPENDIX V

ROBERT W. STROSHEIN

EDUCATION: B. Sc. (Geological Engineering) from
University of Saskatchewan
Graduated in 1973

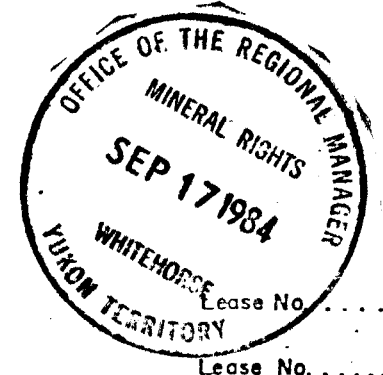
EMPLOYMENT: 1973 - 1984 Hudson Bay Exploration & Development Co. Ltd.

Flin Flon Office 1973 - 1975
Drill Geologist - field supervisor of diamond
drill projects Northern Manitoba and Saskatchewan.

Whitehorse Office
Project Geologist 1975-1980 - field supervisor of
geological mapping, geophysical, geochemical and
prospecting programs in the Yukon Territory.
Included report preparation and assessment.

Senior Exploration Geologist - 1981 - planning,
monitoring and assessing exploration projects
conducted in the Yukon Territory.

091543



OR ACTION ARE:

- NEW APPL'N for PLACER LEASE to PROSPECT : Name:
- RENEWAL APPL'N PLACER LEASE to PROSPECT : Name:
- AFFIDAVIT of EXPENDITURE on PLACER LEASE. Name:
- SECURITY DEPOSIT
- FINANCIAL ABILITY
- ASSIGNMENT of PLACER LEASE No.
From: To:
- GROUPING APPL'N UNDER SEC. 52(2) PLACER MINING ACT.
Owner:

- DIAMOND DRILL LOGS:
Claims: *Canyon*
- QUARTZ ASSESSMENT REPORT:
Claims:

Claim sheet no: *105K-243*

Claim sheet no:

Type of report:

Submitted by:

Cls. work performed on

\$ Req. for ren. application

[Signature]

Signature

PLY ACTION.

Date Ref.



Figure 2

CANYON CLAIMS 1-292
LOCATION PLAN
 Whitehorse Mining District
 Scale 1 in = 1/2 mi.
HUDSON BAY EXPLORATION & DEVELOPMENT
 Company Limited
 091543

105 K 3

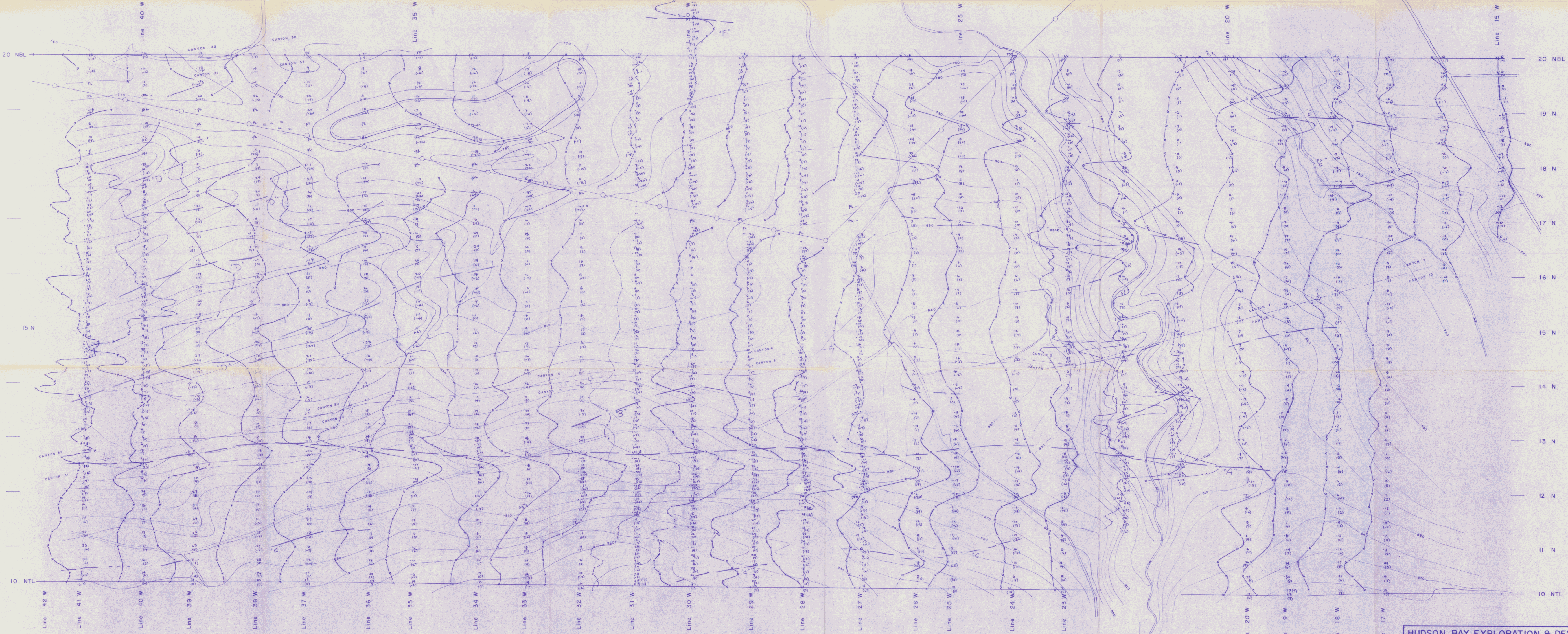
105 K 2

REV 1-2
 DRAW 1-8
 TAC 1-8
 HALL 1-8



ROBERT CAMPBELL HIGHWAY

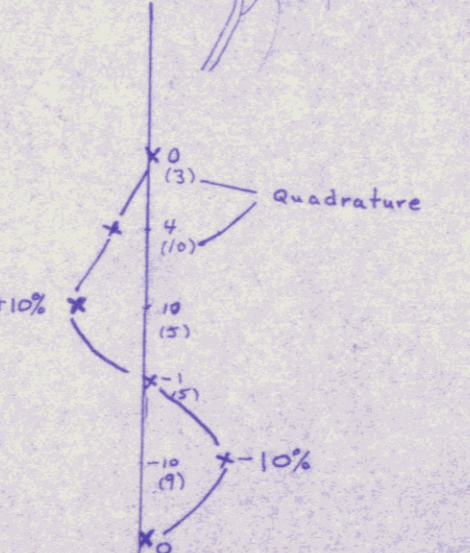
Km 34



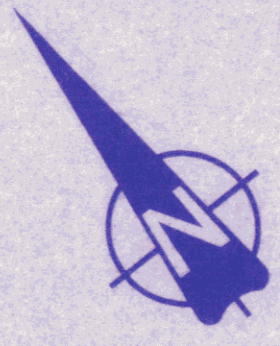
Facing

Seattle TX

EM conductor

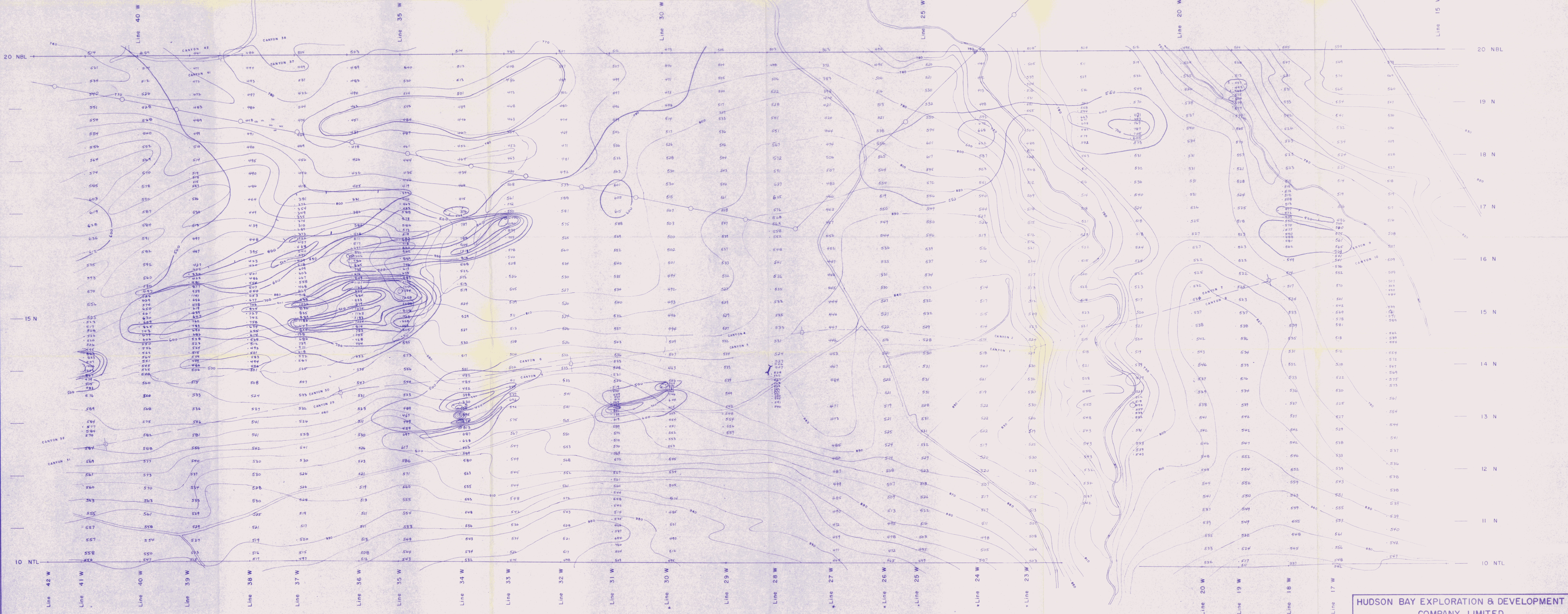


HUDSON BAY EXPLORATION & DEVELOPMENT COMPANY LIMITED			
WHITEHORSE	OFFICE		
CANYON CLAIMS			
VLF - EM : CORRECTED READINGS			
DRAWN BY: G.S.B.	DATE: June 1984	SCALE: 1:50,000	PLATE No. 3
FIELD WORK BY: G.S.B.	REVISED BY: R.S.		



ROBERT CAMPBELL HIGHWAY

km 39.27



CONTOUR INTERVAL 100 M

* Readings uncorrected

SCINTREX MP-3 model
BASE FIELD 56500

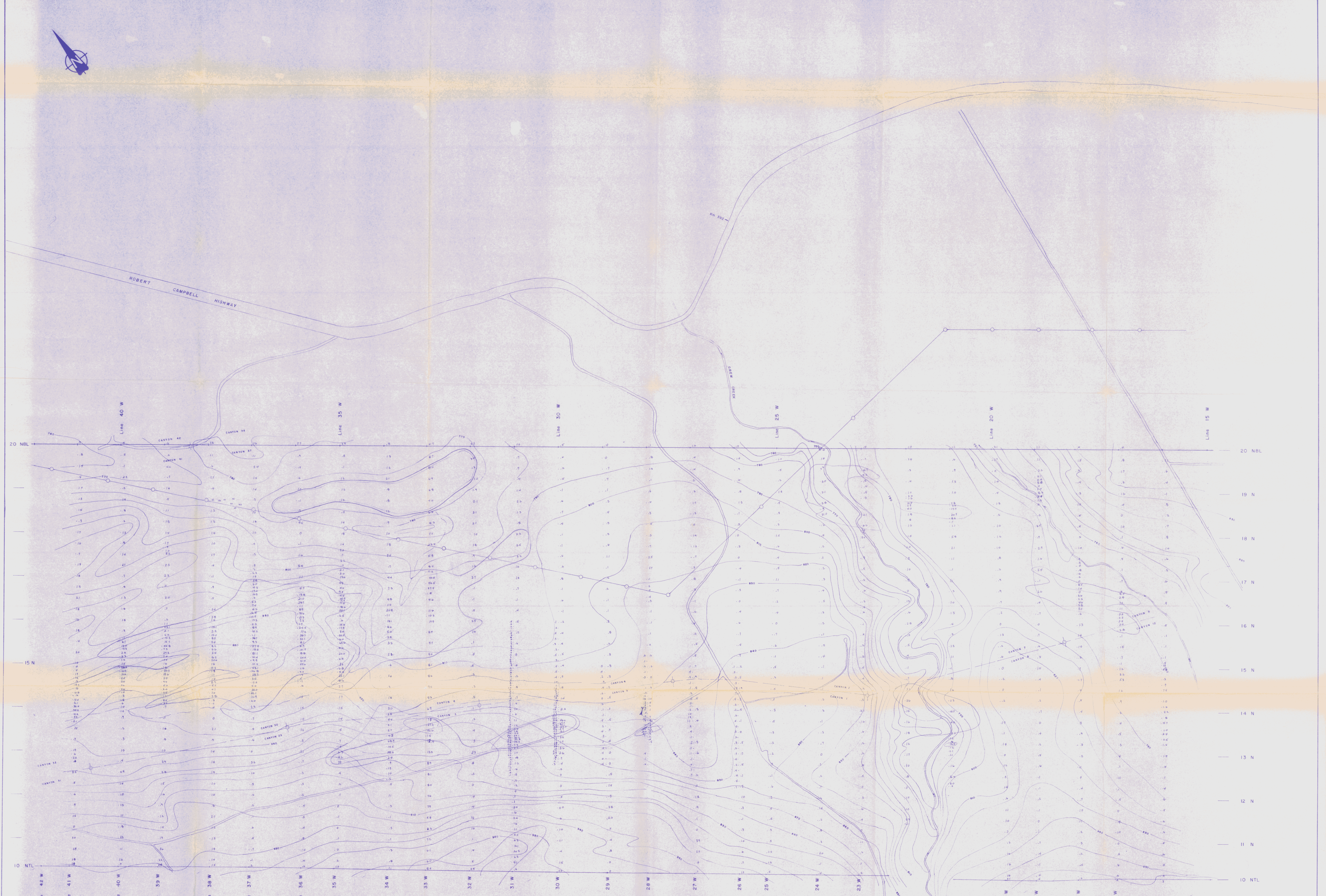
ser no 305123

HUDSON BAY EXPLORATION & DEVELOPMENT
COMPANY LIMITED OFFICE

CANYON CLAIMS
TOTAL MAGNETIC FIELD

DRAWN BY: <u>01</u>	DATE: <u>June 1984</u>	PLATE No: <u>4</u>
FIELD WORK BY: <u>B. J. G. R. S.</u>	REVISED BY:	SCALE: <u>1:50,000</u>

METERS



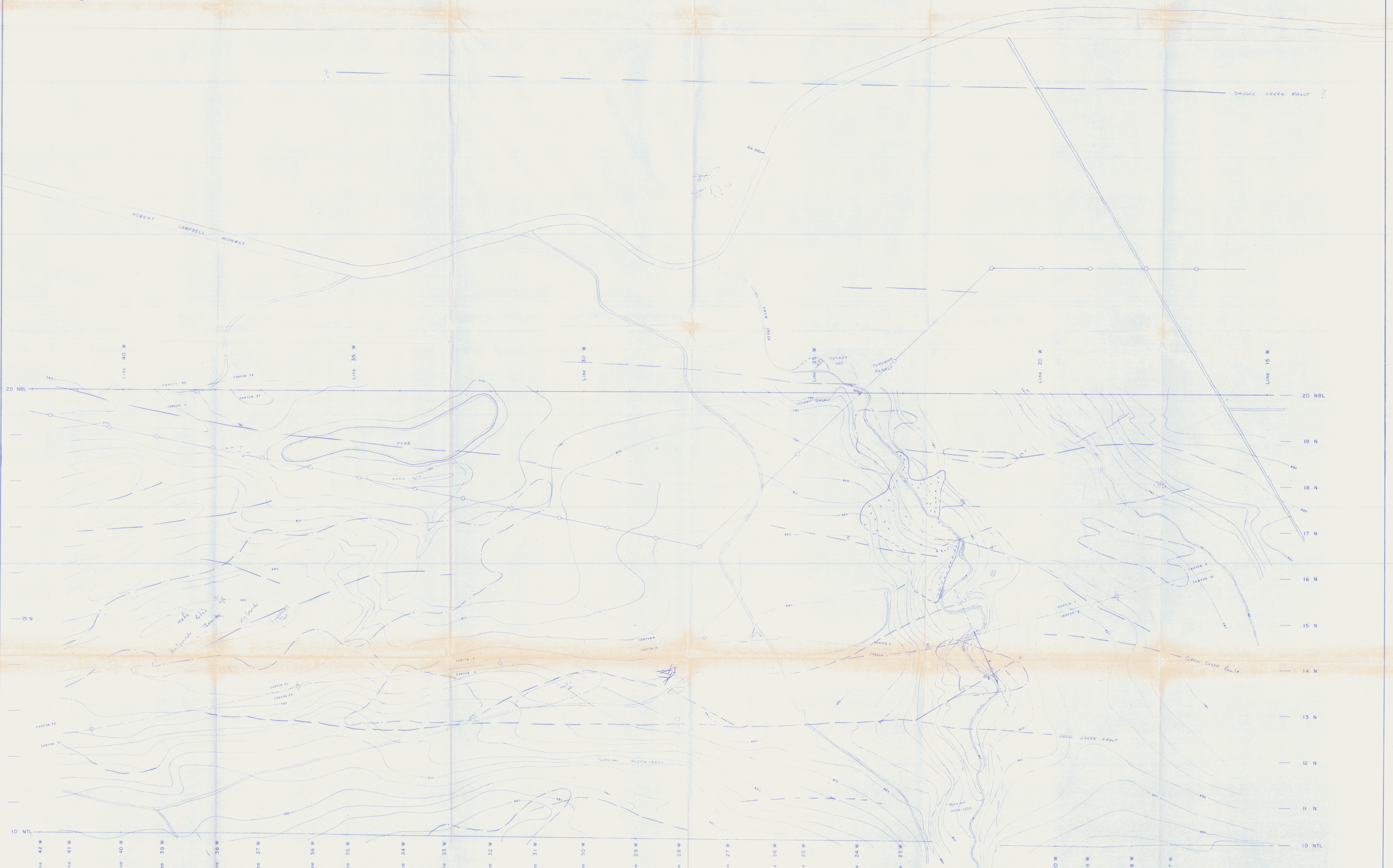
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HUDSON BAY EXPLORATION & DEVELOPMENT COMPANY LIMITED			
WHITEHORSE	OFFICE		
CANYON CLAIMS VERTICAL MAGNETIC GRADIENT			
DRAWN BY: RS	DATE: June 1984	PLATE No: 5	
FIELD WORK BY: C.B. / R.P. / B.	REVISED BY:	SCALE:	1:50,000
METERS			



*Pearson
Basalt*

*Louisa
Pearson*



HUDSON BAY EXPLORATION & DEVELOPMENT COMPANY LIMITED			
WHITEHORSE	OFFICE		
CANYON CLAIMS GEOLOGICAL PLAN			
DRAWN BY: <i>RS</i>	DATE: <i>JUNE 1984</i>	PLATE NO.: <i>60</i>	
FIELD WORK BY: <i>RS</i>	REVISED BY:	SCALE: <i>1:50,000</i>	

Ver. MAG. G40.
Ver. VLF-EM

*Dr. L. G. Hill
By Dale
FIELD INCHARGE*