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Minerals Staff
CHEVRON STANDARD LIMITED
VANCOUVER OFFICE

JWS

Diamond Drill Program
Fetish 1-34 Mineral Claims
Watson Lake Mining District, Yukon Territory
Latitude: 61°25'N Longitude: 130°07'W
Claim Sheet 105G/8

for

Finlayson Joint Venture
November 20, 1974

R.J. Cathro

Consulting Engineer

ARCHER, CATHRO
AND ASSOCIATES LTD.
CONSULTING GEOLOGICAL ENGINEERS

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FINAL REPORT

DIAMOND DRILL PROGRAM

FETISH 1-34 MINERAL CLAIMS

Watson Lake Mining District , Yukon Territory

Latitude: 61°25'N

Longitude: 130°07'W

Claim Sheet 105G/8

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Figures in Pockets

Figure F1 - Geology , Scale 1"= 400'

Figure F2 - Copper, Molybdenum Geochemistry, Scale 1"= 400'

Figure F3 - Lead, Zinc Geochemistry, Scale 1"= 400'

Figure F4 - Sections Drill Holes F1 and F2 , Scale 1"= 100'

SUMMARY AND RECOMMENDATIONS

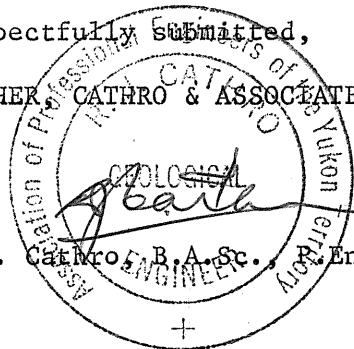
The 1974 exploration program budgeted for Finlayson Joint Venture consisted of 1000 feet of diamond drilling on the Fetish claims and a small program of regional exploration on targets located during the 1973 program. The drill program, using AQ size equipment, was started in late July and was terminated in late August after completing two holes 800 feet apart for a total of 705 feet. The regional exploration was not started due to budget uncertainties resulting from difficult drilling conditions.

Both drill holes intersected stratiform copper-zinc mineralization in a soft, friable, talcose sericite-chlorite schist. The mineralization occurs as occasional thin (up to 1/4 inch) bands of chalcopyrite and/or chocolate brown sphalerite lying parallel to the foliation direction of the schists. Hole F1 intersected 65 feet of weak mineralization, of which the best grade portion assayed 0.2% copper and 0.26% zinc over a width of 13 feet. Hole F2 intersected 41 feet of mineralized schist, of which the best grade section assayed 8% copper, 1.14% zinc and 2.18 ounces silver/ton over a width of 2 inches followed by 15.5 feet grading 0.24% copper and 0.22% zinc. The mineralized schists strike N40°W, more or less parallel to the hillside, and dip 40° northeast into the hill. Fourteen additional Fetish claims were staked in 1974 to protect the down dip extension, bringing the total number of claims in the property to thirty-four. Sufficient assessment can be applied to bring the most important claims to a 15 July, 1980 expiry date.

No further work is recommended for 1975 on the Fetish claims. The main remaining exploration possibility is to drill down dip in search of better grades and improved ground conditions. This would require heavier drill equipment and bulldozer support. The Fetish claims should be held until 1980 , at which time further work can be reconsidered on the basis of improved transportation or new developments in the area by others. The small program of regional exploration recommended for 1974 should be completed in 1975.

Respectfully submitted,
ARCHER, CATHRO & ASSOCIATES LTD.

R.J. Cathro, B.A.Sc., P.Eng.



INTRODUCTION

A helicopter supported diamond drill program consisting of two holes for a total of 705 feet was completed on the Finlayson Joint Venture (FJV) Fetish claims during the period 24 July to 25 August, 1974. A small program of regional exploration budgeted for the Denim and Catsup areas (see 1973 FJV Final Report) was not started because of budget uncertainty arising from difficult drill conditions.

There was little significant exploration activity by others in the FJV agreement area during 1974. The Geological Survey of Canada had a small party, headed by Grant Abbott, remapping stratigraphy west of the Fetish claims. During October, Hudson Bay Mining staked nine claim blocks (302 claims) east of the Hoo property, probably on aeromagnetic targets. Small claim blocks were restaked over the Leo and Gee showings (1973 FJV Report, pp 37-38), and over the old El and Paco claim blocks in claim sheet 105G/5 and G/13, respectively.

CLAIM STATUS

Fourteen additional Fetish claims (Fetish 21-34) were added at the start of the drill program to protect the mineralized zone down dip. The 1973 geochemical sampling and geological mapping costs were applied as assessment on the Fetish 1-20 claims prior to their expiry date of 15 July, 1974. The Myda 1-32 mineral claims were allowed to expire as recommended in the 1973 report and approved during the 7 December, 1973, management meeting. Thus, the FJV claim status presently consists of 34 contiguous Fetish mineral claims, recorded in the Watson Lake Mining District as follows:

<u>Claim Name</u>	<u>Record Number</u>	<u>Expiry Date</u>
Fetish 1-4	Y73634-Y73637	15 July, 1976
Fetish 5-6	Y73694-Y73695	15 July, 1976
Fetish 7-8	Y73696-Y73697	15 July, 1975
Fetish 9-10	Y73698-Y73699	15 July, 1976
Fetish 11-20	Y73700-Y73709	15 July, 1975
Fetish 21-34	Y83175-Y83188	8 August, 1975

The 1974 drilling costs will be filed as assessment credit prior to 1975. This will provide an additional 4 years credit to the Fetish 1-20 claims and 5 years to the Fetish 21-34 claims.

GEOLOGY

Figure F1, in the pocket, illustrates the geological setting of the Fetish property. This map is a revision of 1973 Figure 10, with a location map insert, to show the position of the 1974 drill holes. The geology was well described in the 1973 report. In summary, the property is underlain by a metamorphic (Cambrian?) suite of Unit A schist and quartzites bounded to the southwest by Unit C augen gneiss and to the northeast by Unit 6a weakly metamorphosed green volcanics of Mississippian or earlier age. Stratiform zinc-copper mineralization is found in recessive Unit A schists immediately below a quartzite member containing narrow zones of magnetite-pyrite iron formation. Outcrop on the property is scarce. The best marker horizon is the less recessive iron formation which can be traced at least 1500 feet in sub-outcrop and residual float defining a strike 40° west of north. An unsuccessful attempt was made during 1974 to trace the magnetite formation using a Sharpe MF2 magnetometer.

GEOCHEMISTRY

Figures F2 and F3 in the pocket illustrate soil geochemistry for copper-molybdenum and lead-zinc respectively. These maps are revised 1973 Figures 11 and 12 to incorporate 154 additional samples taken in 1974. Soil samples were analyzed at Chemex Labs Ltd., North Vancouver, B.C., by atomic absorption spectrometry of a nitric-perchloric extraction of a minus 80 mesh fraction. The same lab and technique was used in 1973.

The 1973 soil sampling outlined a well defined copper-lead-zinc anomaly some 3500 feet in length. Hand pitting in the anomaly suggested a valid bedrock source. The 1974 soil sampling was done along strike to the northwest and southeast to search for extensions of the bedrock source but no anomalous areas of significance were found.

DIAMOND DRILLING

General

A Boyles Bros. No. 1 model drill modified to accomodate AQ wireline equipment and break down for helicopter moves was contracted from Arctic Diamond Drilling Ltd. Arctic supplied an experienced driller while Archer, Cathro provided a drill helper and a camp handyman and pump operator. Drill and camp equipment were mobilized to the Fetish claims from the Campbell Highway with a Sikorski S55 helicopter contracted from Frontier Helicopters Ltd. of Watson Lake, Yukon. Drilling started on Hole F1 on 31 July and was terminated at 352 feet on August 10 when heavy ground made further penetration impractical. Drilling began on Hole F2 on 16 August and was terminated at 353 feet on August 23 by heavy ground. Plans to drill a third hole were

abandoned due to the inability of the AQ equipment to cope with the heavy ground, and the camp and drill were moved back to the Campbell Highway by helicopter on 25 August. The camp was supplied during the drill program by float equipped fixed wing aircraft from Whitehorse landing on a small lake immediately southwest of the claims (Fetish Lake), and by backpacking on the 1.2 mile trail between the lake and camp.

All of the drill core was returned to Whitehorse for detailed logging and is presently stored at the government core library in Whitehorse. Core and sludge samples were assayed at Chemex Labs Ltd., mostly by geochemical analysis due to their low grade. The sludge sample assays are not considered representative because of dilution from caving sections of the holes. Copies of the drill logs with core and sludge assays are included as Appendix 1 of this report.

Geology and Mineralization

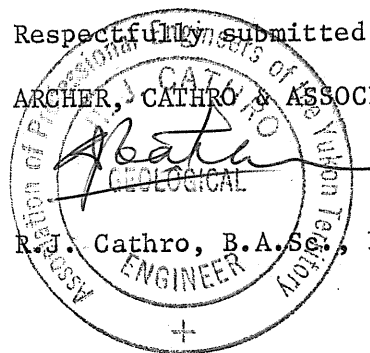
Figure F4 in the pocket illustrates geology and assays in section for each hole. Hole F1 was drilled 250 feet northwest (along strike) of the area with best grade surface float found in 1973. Hole F2 was drilled 800 feet southeast of Hole F1 or 550 feet along strike of the best surface showing. Both holes were angled at 50° to the southwest and drilled 48° west of south at right angle to the stratigraphy. Foliation attitudes in both holes are 90° to the core indicating that the stratigraphy dips 40° to the northeast. The stratigraphic section cut by each hole consisted of quartzite and shaley quartzite with minor iron formation followed by very soft, strongly foliated, talcose sericite-chlorite schist.

Both holes cut low grade stratiform pyrite-sphalerite-chalcopyrite mineralization in the schists immediately below the quartzite. The mineralization consists of 1-5 per cent fine grained pyrite in thin bands parallel to the foliation with occasional narrow bands (up to 1/4 inch wide) containing abundant, medium grained chalcopyrite and/or chocolate brown sphalerite and traces of galena. The mineralized section was 65 feet wide in Hole F1 and 41 feet wide in Hole F2. The best grade portion of Hole F1 mineralization assayed 0.2% copper, 0.26% zinc and 0.03% lead over a width of 13 feet while the best sections from Hole F2 were 2 inches assaying 8.0% copper, 1.14% zinc and 2.18 ounces silver per ton followed by 15.5 feet assaying 0.24% copper and 0.22% zinc. Spectrographic analysis of three core samples and one sludge sample (see certificate attached to core log in Appendix) from Hole F1 indicated there are no other metals of interest. Core recovery from the mineralized sections averaged about 40%. The poor recovery appears to be due to the softness and friability of the host rocks, rather than faulting, and the core assays are thought to be representative of bedrock grade in spite of the core loss.

Respectfully submitted,

ARCHER, CATHRO & ASSOCIATES LTD.

R.J. Cathro, B.A.Sc., P.Eng.



DRILL HOLE LOG

COORDINATES 1480 W, 480 N

ELEVATION -

DIP 50° SW

AZIMUTH 228°

SCALE 1" = 10'

CORE SIZE A Q

HOLE STARTED JULY 31, 1974

HOLE COMPLETED 10 August, 1974

LOGGED BY R. CATHRO

FINAL DEPTH - 352'

FOOTAGE

DESCRIPTION

DIP

0

AX CASING TO 52.0'
CEMENTED AT 269' and 352'

10

QUARTZITE (0-166') - thin bedded, white to light grey, strongly foliated along thin shale partings. Occasional thin (1/4"-1/2") phyllitic shale bands. Foliation varies from 75° to 90° to core.

6'

20

3'

30

0'-50' - about 1% leached, limonite stained pits - probably after pyrite.

2'

40

5'

50

8'

60

DRILL HOLE LOG

HOLE No. _____
PAGE 2 OF 6

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

FOOTAGE	DESCRIPTION	DIP
60		
6'		
70		
7'		
80	50'-100' - about 1% disseminated, partially leached pyrite	
10'	68.5'-72', 76'-77', 89'-92' - about 1% disseminated magnetite.	
90		
8'		
100	115-118' - Iron formation - estimate 6% pyrite and 10% magnetite in fine disseminations following foliation.	
3'		
110		
10'		
120		

DRILL HOLE LOG

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

FOOTAGE	DESCRIPTION	DIP
120		
10'		
130	118'-166' - quartzite slightly lighter coloured than previous section, contains local concentrations of disseminated pyrite and magnetite.	
6'	123'-129' - 7% pyrite	
	133-134 - 10% pyrite	
140	134-165 - 4% pyrite	
	151-154 - 1% magnetite	
3'	151' - 1/16" wide pyrite veinlet cutting foliation at 40°	
	165' - 1/16" wide pyrite veinlet cutting foliation at 30°	
150	165.7' - 1" white vitreous fractured quartz.	
8'		
160		
7'	SHALE (166'-193') - dark grey, phyllitic, contains occasional thin quartzite bands.	
170		
6'	172.0' - 3" wide vitreous, fractured, quartz.	

DRILL HOLE LOG

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

FOOTAGE	DESCRIPTION	DIP
180		
3'		
190	<p>QUARTZITE (193'-233') - slightly more shaley than previous section, no pyrite or magnetite. Foliation at 90° to core.</p>	
3'		
200	<p>205' - 3" white, vitreous, fractured quartz.</p>	
3'		
210		
2'		
220		
0'		
230	<p>SHALE (233'-243') - dark grey, broken. Foliation flattens to 40° at 243' - probably indicates a fault.</p>	
0.5'		
240		

DRILL HOLE LOG

HOLE No. 171
PAGE 5 OF 6

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

FOOTAGE	DESCRIPTION	DIP
240	<p>CHLORITE SCHIST (243'-259') - light green, strongly phyllitic - foliation flattens to 0° at 250', probably due to weak faulting.</p> <p>249' - 2" white vitreous fractured quartz.</p> <p>259' - 1/4" graphitic gouge, foliation at 80° to core.</p>	
3.5		
250		
0		
260	<p><u>MINERALIZED SERICITE, TALC, QUARTZ SCHIST (259'-324')</u></p> <p>- soft, broken (no evidence of faulting) with foliation at 80° to 90° to core. Minor weakly chloritic sections. Faint cross-foliation at 35° to core. Up to 5% fine disseminated pyrite which tends to concentrate in bands in foliation and cross-foliation direction. Sphalerite and chalcopyrite occurs mainly as concentrations in thin bands (1/4") parallel to foliation and occasionally as fine disseminations. Both sphalerite and chalcopyrite tend to occur separately from pyrite and each other. Minor unmineralized quartz occurs as thin (3" max.) lenses or boudins.</p> <p>271' - weak fault (1/4"), foliation drops to 35° to core for several inches on either side.</p> <p>sludge samples were taken from 286' to 345'. Both sludge and core samples were assayed geochemically at Chemex Labs. Ltd., North Vancouver, B.C., by atomic absorption spectrometry of a nitric-perchloric extraction of a -80 mesh fraction from a pulverized split. Values in parts per million (ppm) are listed on the following page.</p>	
4'		
270		
9'		
280		
1.5'		
290		
3.2'		
300		

DRILL HOLE LOG

HOLE No. 1
PAGE 6 OF 6

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

FOOTAGE	DESCRIPTION	DIP																																																																																																																																																																								
300																																																																																																																																																																										
	<table border="1"> <thead> <tr> <th>SAMPLE No.</th> <th>INTERVAL</th> <th>CORE REC'D(%)</th> <th>Cu (ppm)</th> <th>Pb (ppm)</th> <th>Zn (ppm)</th> <th>Ag (ppm)</th> </tr> </thead> <tbody> <tr> <td colspan="7" style="text-align:center">CORE</td> </tr> <tr> <td>451</td> <td>262' to 265.8'</td> <td>9" (25)</td> <td>88</td> <td>88</td> <td>1304</td> <td>3.5</td> </tr> <tr> <td>452</td> <td>265.8' to 269</td> <td>10" (26)</td> <td>64</td> <td>46</td> <td>1280</td> <td><0.5</td> </tr> <tr> <td>453</td> <td>269' to 269.4</td> <td>5" (100)</td> <td>68</td> <td>18</td> <td>248</td> <td><0.5</td> </tr> <tr> <td>454</td> <td>269.4' to 271</td> <td>16" (84)</td> <td>64</td> <td>32</td> <td>155</td> <td>0.5</td> </tr> <tr> <td>455</td> <td>271.0' to 274'</td> <td>39" (100)</td> <td>430</td> <td>84</td> <td>420</td> <td>1.0</td> </tr> <tr> <td>456</td> <td>274' to 277'</td> <td>32" (89)</td> <td>440</td> <td>38</td> <td>10300</td> <td>1.5</td> </tr> <tr> <td>457</td> <td>277' to 281'</td> <td>38" (79)</td> <td>116</td> <td>32</td> <td>525</td> <td>1.0</td> </tr> <tr> <td>458</td> <td>281' to 287'</td> <td>9" (12)</td> <td>363</td> <td>191</td> <td>12500</td> <td>4.5</td> </tr> <tr> <td>459</td> <td>288.3' to 292'</td> <td>5" (9)</td> <td>96</td> <td>30</td> <td>295</td> <td><0.5</td> </tr> <tr> <td>460</td> <td>292' to 296'</td> <td>28" (58)</td> <td>300</td> <td>66</td> <td>12500</td> <td>0.5</td> </tr> <tr> <td>461</td> <td>296' to 299'</td> <td>8" (22)</td> <td>372</td> <td>64</td> <td>6100</td> <td>0.5</td> </tr> <tr> <td>462*</td> <td>303' to 306'</td> <td>14" (39)</td> <td>2968</td> <td>191</td> <td>8700</td> <td>3.0</td> </tr> <tr> <td>463*</td> <td>306.5' to 317'</td> <td>6" (5)</td> <td>1620</td> <td>350</td> <td>766</td> <td>6.5</td> </tr> <tr> <td>464*</td> <td>322.5' to 324'</td> <td>26" (87)</td> <td>430</td> <td>2240</td> <td>1244</td> <td>24.0</td> </tr> <tr> <td colspan="7" style="text-align:center">SLUDGE</td> </tr> <tr> <td>466</td> <td>286' to 296'</td> <td>—</td> <td>635</td> <td>116</td> <td>7400</td> <td>0.5</td> </tr> <tr> <td>467</td> <td>296' to 303'</td> <td>—</td> <td>910</td> <td>191</td> <td>15800</td> <td>1.0</td> </tr> <tr> <td>468</td> <td>303' to 312'</td> <td>—</td> <td>1760</td> <td>300</td> <td>5600</td> <td>2.0</td> </tr> <tr> <td>469</td> <td>312' to 322'</td> <td>—</td> <td>4400</td> <td>96</td> <td>660</td> <td>2.0</td> </tr> <tr> <td>470*</td> <td>322' to 333'</td> <td>—</td> <td>5900</td> <td>583</td> <td>1488</td> <td>9.0</td> </tr> <tr> <td>471</td> <td>333' to 343'</td> <td>—</td> <td>780</td> <td>126</td> <td>420</td> <td>1.5</td> </tr> <tr> <td>389</td> <td>343' to 345'</td> <td>—</td> <td>190</td> <td>122</td> <td>434</td> <td><0.5</td> </tr> </tbody> </table>	SAMPLE No.	INTERVAL	CORE REC'D(%)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	CORE							451	262' to 265.8'	9" (25)	88	88	1304	3.5	452	265.8' to 269	10" (26)	64	46	1280	<0.5	453	269' to 269.4	5" (100)	68	18	248	<0.5	454	269.4' to 271	16" (84)	64	32	155	0.5	455	271.0' to 274'	39" (100)	430	84	420	1.0	456	274' to 277'	32" (89)	440	38	10300	1.5	457	277' to 281'	38" (79)	116	32	525	1.0	458	281' to 287'	9" (12)	363	191	12500	4.5	459	288.3' to 292'	5" (9)	96	30	295	<0.5	460	292' to 296'	28" (58)	300	66	12500	0.5	461	296' to 299'	8" (22)	372	64	6100	0.5	462*	303' to 306'	14" (39)	2968	191	8700	3.0	463*	306.5' to 317'	6" (5)	1620	350	766	6.5	464*	322.5' to 324'	26" (87)	430	2240	1244	24.0	SLUDGE							466	286' to 296'	—	635	116	7400	0.5	467	296' to 303'	—	910	191	15800	1.0	468	303' to 312'	—	1760	300	5600	2.0	469	312' to 322'	—	4400	96	660	2.0	470*	322' to 333'	—	5900	583	1488	9.0	471	333' to 343'	—	780	126	420	1.5	389	343' to 345'	—	190	122	434	<0.5	
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* SPECTROGRAPHIC ANALYSES - SEE ATTACHED CHEMEX LABS. CERTIFICATE

- core intervals 287'-288.5' and 299'-303' not assayed due to insufficient recovery.

CHLORITE SCHIST (324'-352') - very broken, soft, talcose. Foliation at 90° to core.



CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE: 985-0648
AREA CODE: 604

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

CERTIFICATE OF ANALYSIS

TO: Archer Cathro & Assoc. Ltd.,
Box 4127
Whitehorse, Y. T.

CERTIFICATE NO. SP 145

INVOICE NO. 12435

RECEIVED

ATTN:

ANALYSED Sept. 6/74

SAMPLE NO. :	Lower Concen- tration Limit (PPM)	#462	#463	#464	#470
Antimony	50	bcl	bcl	bcl	50
Arsenic	20	bcl	100	50	100
Barium	5	2000	500	200	200
Beryllium	5	bcl	bcl	bcl	bcl
Bismuth	5	bcl	50	200	100
Boron	20	bcl	bcl	bcl	bcl
Cadmium	20	100	bcl	bcl	bcl
Calcium	0.05%	0.2%	0.5%	0.5%	0.2%
Chromium	10	20	50	20	100
Cobalt	10	10	10	10	10
Copper	1	2000	1000	500	5000
Gallium	2	20	10	20	20
Germanium	20	bcl	bcl	bcl	bcl
Iron	0.05%	2%	2%	5%	5%
Lead	5	500	500	2000	500
Magnesium	0.02%	2%	2%	5%	2%
Manganese	5	500	1000	1000	1000
Molybdenum	10	bcl	10	bcl	bcl
Nickel	5	bcl	bcl	10	20
Niobium	50	bcl	bcl	bcl	bcl
Silver	1	2	5	10	5
Strontium	20	50	50	50	bcl
Tantalum	200	bcl	bcl	bcl	bcl
Tellurium	200	bcl	bcl	bcl	bcl
Thorium	100	bcl	bcl	bcl	bcl
Tin	20	10	bcl	10	20
Titanium	5	1000	500	1000	1000
Vanadium	10	10	10	10	10
Zinc	50	> 5000	2000	> 5000	5000
Zirconium	20	200	50	100	200

Concentration Range

>5000 ppm =>5000 ppm	50 ppm = 25-100 ppm
5000 ppm = 2500-10000 ppm	20 ppm = 10-50 ppm
2000 ppm = 1000-4000 ppm	10 ppm = 5-20 ppm
1000 ppm = 500-2000 ppm	5 ppm = 2-10 ppm
500 ppm = 250-1000 ppm	2 ppm = 1-4 ppm
200 ppm = 100-400 ppm	1 ppm = 0.5-2 ppm
100 ppm = 50-200 ppm	bcl = below concentration

Ranges for Iron, Calcium & Magnesium are reported in %



MEMBER
CANADIAN TESTING
ASSOCIATION

CERTIFIED BY: 

DRILL HOLE LOG

COORDINATES 700 W, 180 N.

ELEVATION

DIP 50° SW

AZIMUTH 228°

SCALE 1" = 10'

CORE SIZE AQ

HOLE STARTED 16 August, 1974

HOLE COMPLETED 23 August, 1974

LOGGED BY R. CATHERO

FINAL DEPTH - 353'

FOOTAGE	DESCRIPTION	DIP
0'	Ax casing to 9.0'	
10-	SHALE (7'-21') - dark grey, strongly foliated at 90° to core	
3'	15'-18' - quartzitic	
20-	QUARTZITE (21'-102') - white to light grey, strongly foliated on 1/4" to 3/4" spaced shaley partings	
7'		
30-		
4'		
40-		
3'		
50-		
2'		
60-		

DRILL HOLE LOG

HOLE NO. _____
PAGE 2 OF 7

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

FOOTAGE	DESCRIPTION	DIP
3'		
70'	70' - foliation at 85° to core	
4.5'		
80'	77'-87' - Iron formation - 30 to 60% finely disseminated magnetite and minor pyrite in quartzite. Mineralization occurs in concentrations parallel to foliation. Foliation flattens to 75° at 80'	
7'		
90'	90' - foliation at 90° to core	
4'		
100'		
1'	102'-132.3' - strong fault zone, angular silica cemented quartzite breccia to 122', remainder graphitic gouge with 15% well rounded quartz fragments.	
110'		
2'		

DRILL HOLE LOG

HOLE No. F2
PAGE 3 OF 7

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

FOOTAGE

DESCRIPTION

DIP

<p>4</p> <p>130</p> <p>4</p> <p>140</p> <p>4</p> <p>150</p> <p>2</p> <p>160</p> <p>0.5'</p> <p>170</p> <p>3.0'</p>	<p><u>MINERALIZED CHLORITIC SCHIST</u> (132.6' to 173.0') - soft, talcose, well foliated at 80° to 90° to core. Contains minor narrow quartz lenses or boudins. Minor chloropyrite and sphalerite occur as fine disseminations in narrow bands (1/8"±) following foliation. Two inches of core at 132.3' contain 20% chloropyrite and 2% sphalerite in a siliceous matrix. Core assays as follows -</p> <table border="1"> <thead> <tr> <th>SAMPLE NO.</th> <th>INTERVAL</th> <th>CORE RECD (%)</th> <th>% Cu</th> <th>% Zn</th> <th>oz/tm Ag</th> <th>oz/tm Au</th> </tr> </thead> <tbody> <tr> <td>426</td> <td>? to 132'6"</td> <td>2" (?)</td> <td>8.0</td> <td>1.14</td> <td>2.18</td> <td>TR</td> </tr> <tr> <td>427</td> <td>132'6" - 138.0'</td> <td>22" (33)</td> <td>0.33</td> <td>0.03</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>428</td> <td>138.0" - 142'6"</td> <td>32" (59)</td> <td>0.14</td> <td>0.03</td> <td>NA</td> <td>NA</td> </tr> <tr> <td>429</td> <td>142'6" - 148.0'</td> <td>13" (20)</td> <td>0.23</td> <td>0.54</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table> <p>148.0 to 163.0 (recovered 38") - traces of sphalerite only, not assayed.</p> <p>163.0 to 173.0 - no core recovered.</p> <p>SEPIOLITE, QUARTZ, TALC SCHIST (173' - 235') - soft, light coloured, well foliated. About 5% thin bands quartz parallel to foliation. Foliation angle 90° to core.</p>	SAMPLE NO.	INTERVAL	CORE RECD (%)	% Cu	% Zn	oz/tm Ag	oz/tm Au	426	? to 132'6"	2" (?)	8.0	1.14	2.18	TR	427	132'6" - 138.0'	22" (33)	0.33	0.03	NA	NA	428	138.0" - 142'6"	32" (59)	0.14	0.03	NA	NA	429	142'6" - 148.0'	13" (20)	0.23	0.54	NA	NA	<p>DIP</p>
SAMPLE NO.	INTERVAL	CORE RECD (%)	% Cu	% Zn	oz/tm Ag	oz/tm Au																															
426	? to 132'6"	2" (?)	8.0	1.14	2.18	TR																															
427	132'6" - 138.0'	22" (33)	0.33	0.03	NA	NA																															
428	138.0" - 142'6"	32" (59)	0.14	0.03	NA	NA																															
429	142'6" - 148.0'	13" (20)	0.23	0.54	NA	NA																															

DRILL HOLE LOG

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

FOOTAGE	DESCRIPTION	DIP
180		
5.0'		
190		
7.0'		
200		
3.0'		
210		
1.0'		
220		
5.0'		
230		
3.0'	CHLORITIC SCHIST (235'-253') - soft, tal case, well foliated at 90° to core	
240		

DRILL HOLE LOG

HOLE No. 52
PAGE 5 OF 7

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

FOOTAGE	DESCRIPTION	DIP
245	241' - 3" shattered vitreous white quartz.	
210	244' - possible fault, sandy-clay gouge	
250	QUARTZ, SERICITE SCHIST (253' - 343') - soft, talcose, very broken. Foliation at 90° to core	
0.5'		
260		
0'	- poor recovery appears to be due to soft bedrock rather than faulting	
270		
0'		
280		
210'		
290		
210'		
290		

DRILL HOLE LOG

HOLE No. 353
PAGE 6 OF 7

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

FOOTAGE	DESCRIPTION	DIP
300		
0'		
310		
0'		
320		
0'		
330		
0'		
340		
1.0'		
350		
1.0'		
353		
END		

SHALE (343'-353') - dark grey, strongly foliated at 90° to core.

DRILL HOLE LOG

HOLE NO. 7-2
PAGE 7 OF 7

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

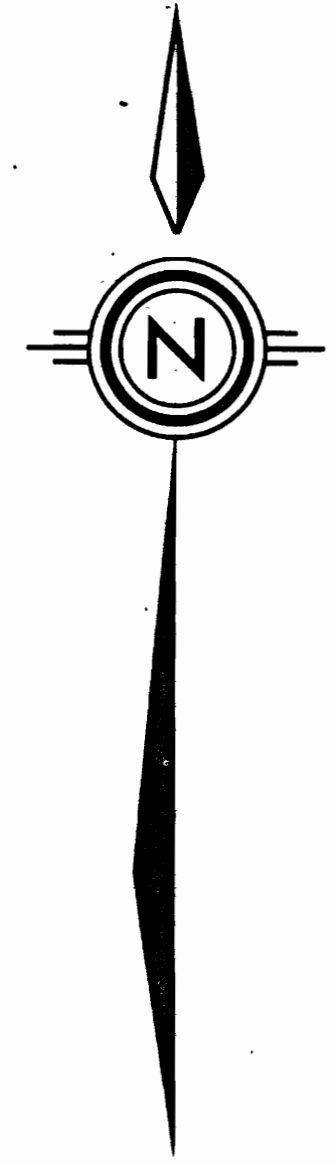
FOOTAGE

DESCRIPTION

DIP

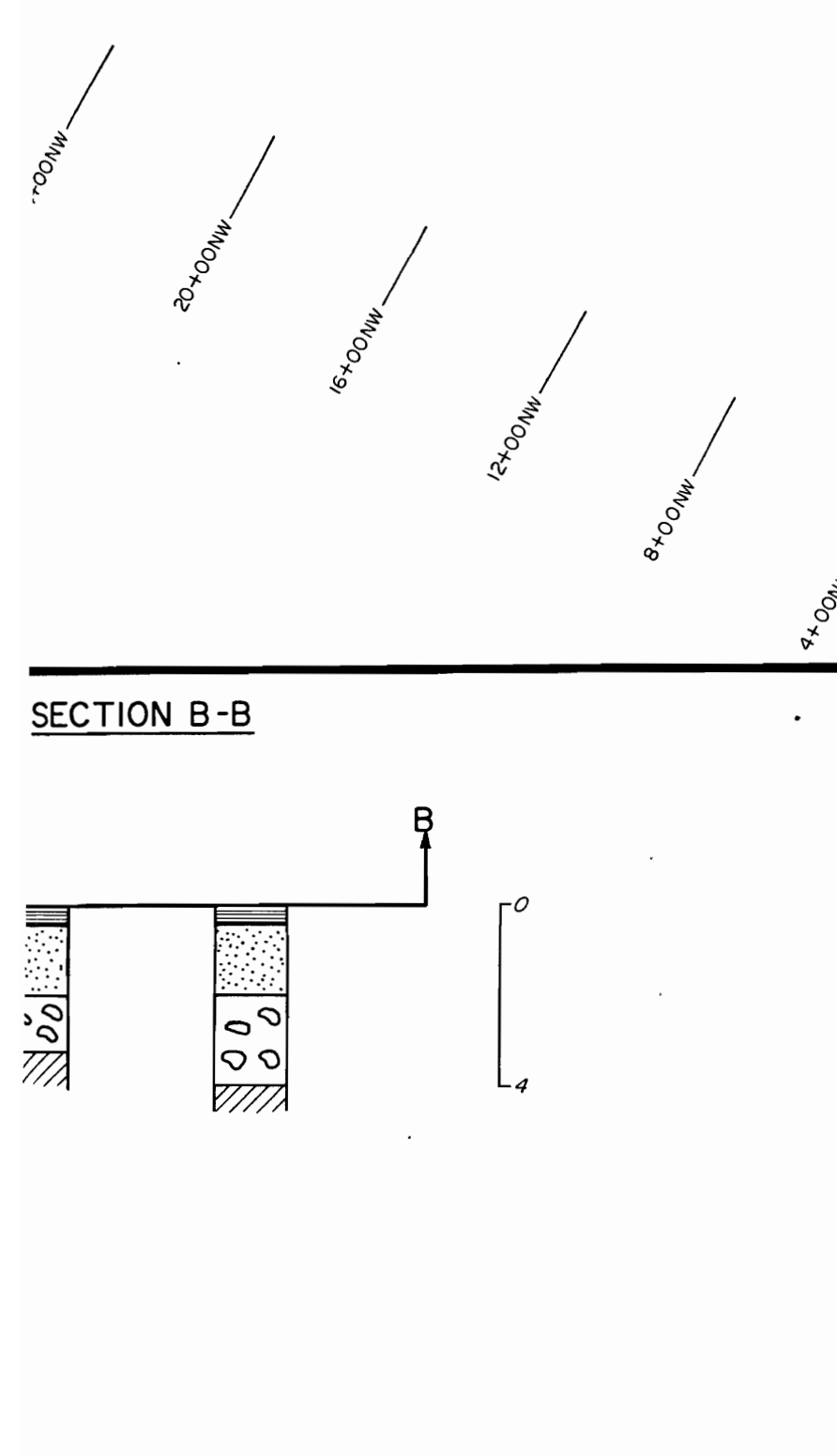
Sludge samples were collected from 68' to 353'. These were assayed geochemically at Chemex Labs. Ltd., North Vancouver, B.C., by atomic absorption spectrometry of a nitric-perchloric digestion of a -80 mesh fraction from a pulverised split. Values in parts-per-million (ppm) are as follows.

SAMPLE NO.	INTERVAL (ft)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)
390	68-76	363	10	169	<0.5
391	76-89	355	6	140	<0.5
392	89-102	385	88	700	<0.5
393	102-112	190	387	1220	0.5
394	112-117	190	46	466	<0.5
1275	117-126	122	56	1644	<0.5
395	126-148	1600	835	3880	2.5
396	148-163	295	180	1148	0.5
397	163-173	220	172	1388	<0.5
398	173-193	275	680	1704	0.5
399	193-222	310	200	552	0.5
400	222-300	136	54	550	<0.5
1273	300-320	112	36	450	<0.5
1274	320-353	86	50	482	<0.5



FETISH 21-34 CLAIMS

FETISH 1-20 CLAIMS



GEOLOGY

MISSISSIPPIAN OR EARLIER	Ea	Dark green foliated volcanics
	A	Chlorite schist, black phyllite, quartz muscovite schist, micaceous quartzite, quartz veins
AGE UNKNOWN	Aa	Mica quartzite, with magnetite up to 30%, minor pyrite
	C	Quartzose muscovite oxygen gneiss

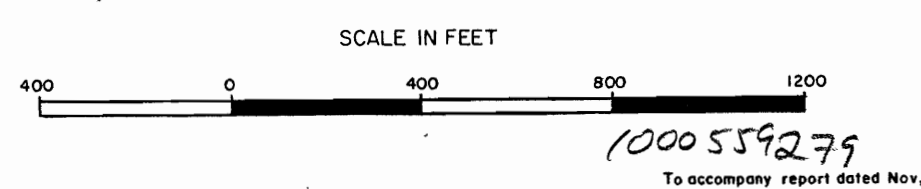
--- Approximate location iron formations in quartzite

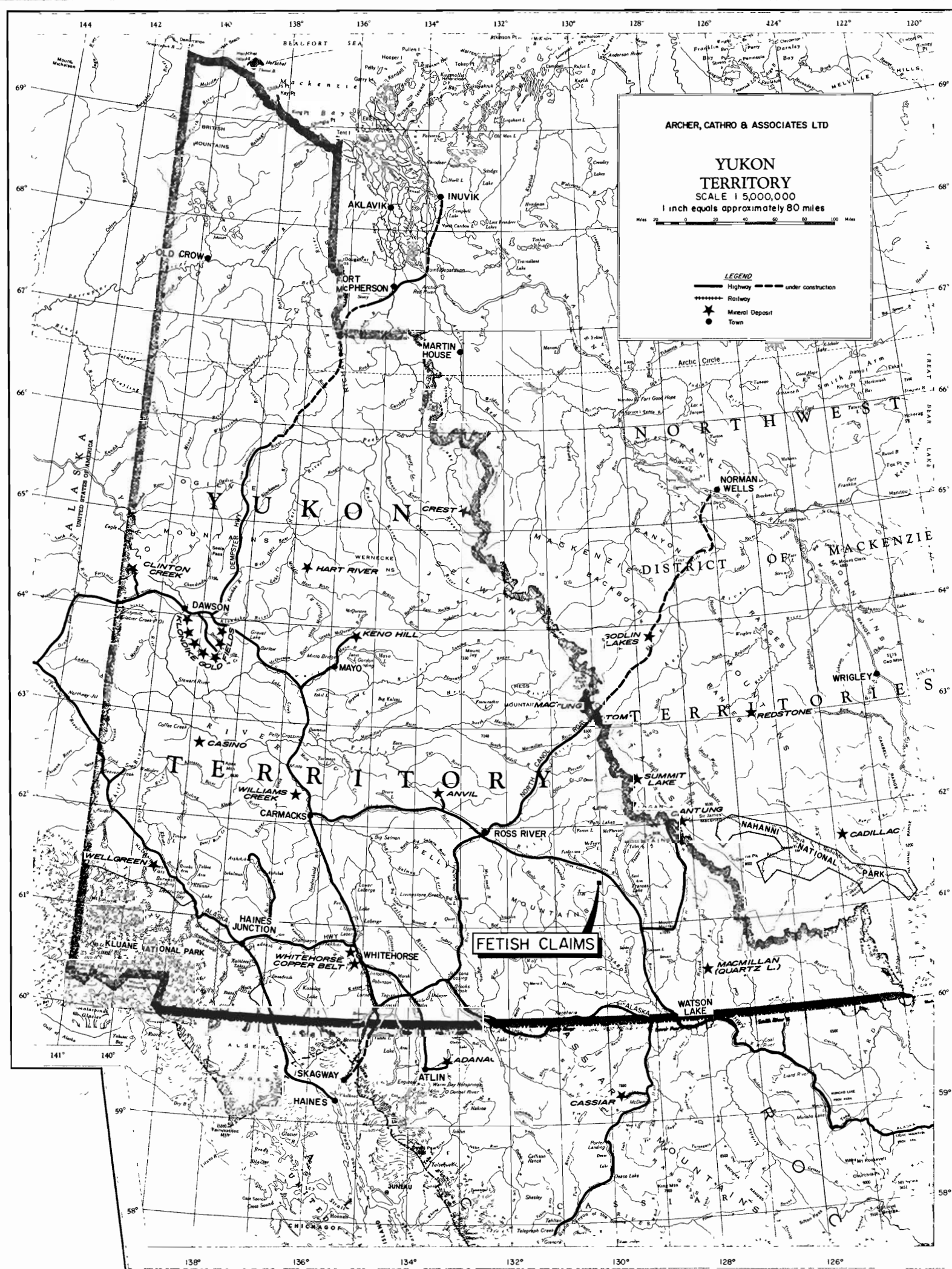
LEGEND

- Hand pit
- ⊕ Claim post
- ▨ Gossan
- Mineral occurrences
- ⊖ Boulder trail
- ⊙ Swamp
- ⚡ Foliation inclined
- Outcrop
- Geological boundary approximate

FIG. F1
 REVISION 0175 P. 10
 ARCHER, CATHRO & ASSOCIATES
 ENGINEERS

GEOLOGY
 FETISH PROPERTY
 FINLAYSON JOINT VENTURE





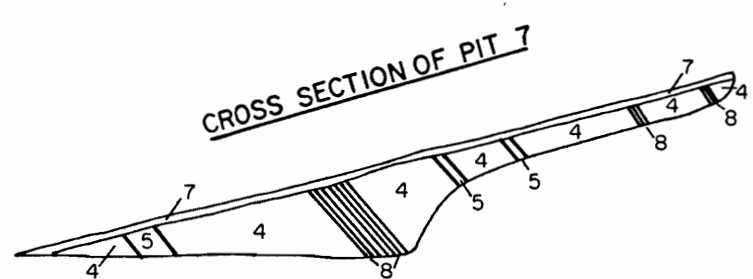
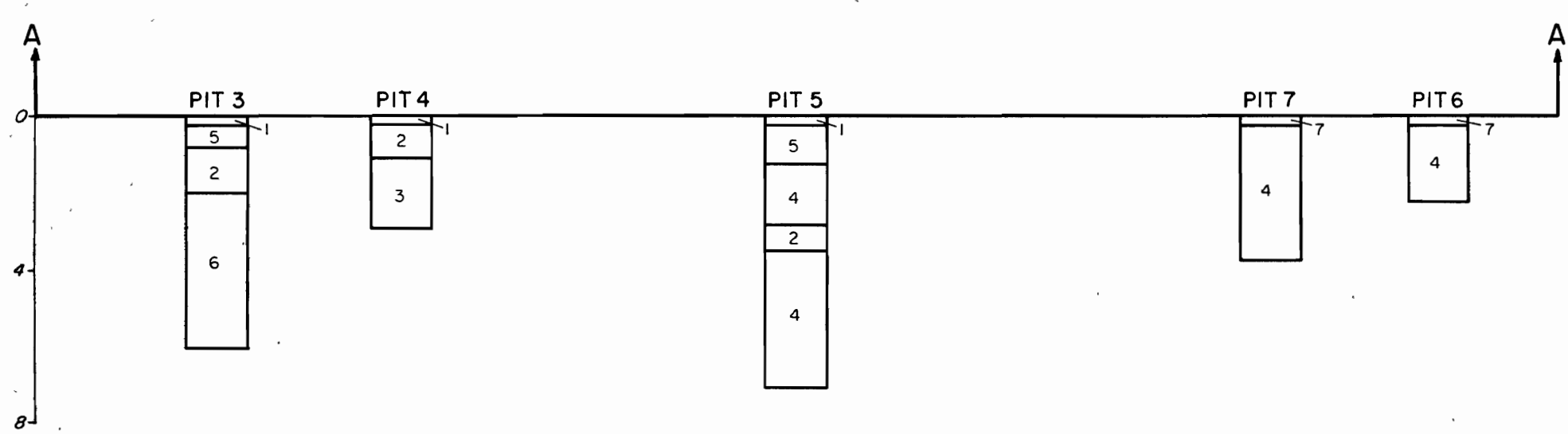
Old Camp

WOLVERINE LAKE



61°20'

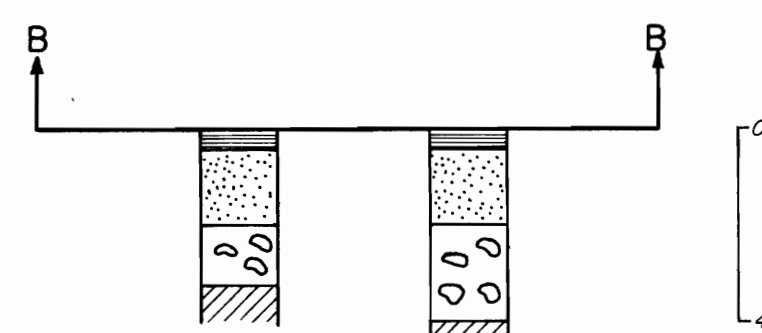
SECTION A-A



GEOLOGY

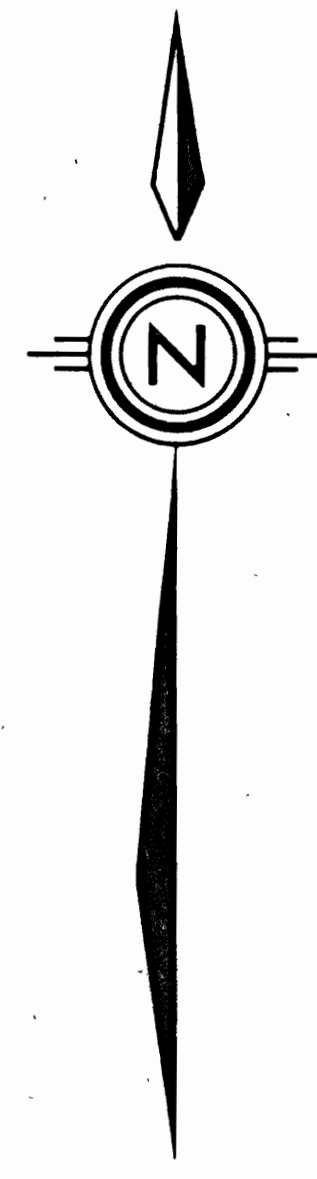
- 1 White and black organic
- 2 Yellow brown soil with rounded greenstone volcanic boulders
- 3 Yellow brown sandy clay
- 4 Weathered chlorite schist chlorite quartz muscovite schist
- 5 Red to yellow brown soil with phylite fragments and schist
- 6 Red brown stratified soil with angular micaceous quartzite and black phyllite. Some bull quartz
- 7 Red-brown rusty gossan soil
- 8 Micaschist bands in chlorite quartz muscovite schist
- 9 Quartz bands, minor micaschist

SECTION B-B



GEOLOGY

- Black organic
- Grey brown rocky soil
- Red brown rocky with green float
- Micaceous quartzite green outcrop



FETISH 21-34 CLAIMS

FETISH 1-20 CLAIMS

LEGEND

- Soil
- x Silt
- Assays from Chemex Labs Ltd
- Anomalous trend outlined by grid sampling with copper response greater than 75 ppm.

LEGEND

- Hand pit
- ▣ Claim post
- Gossor
- Mineral occurrences
- ⊖ Boulder train
- ⊕ Swamp

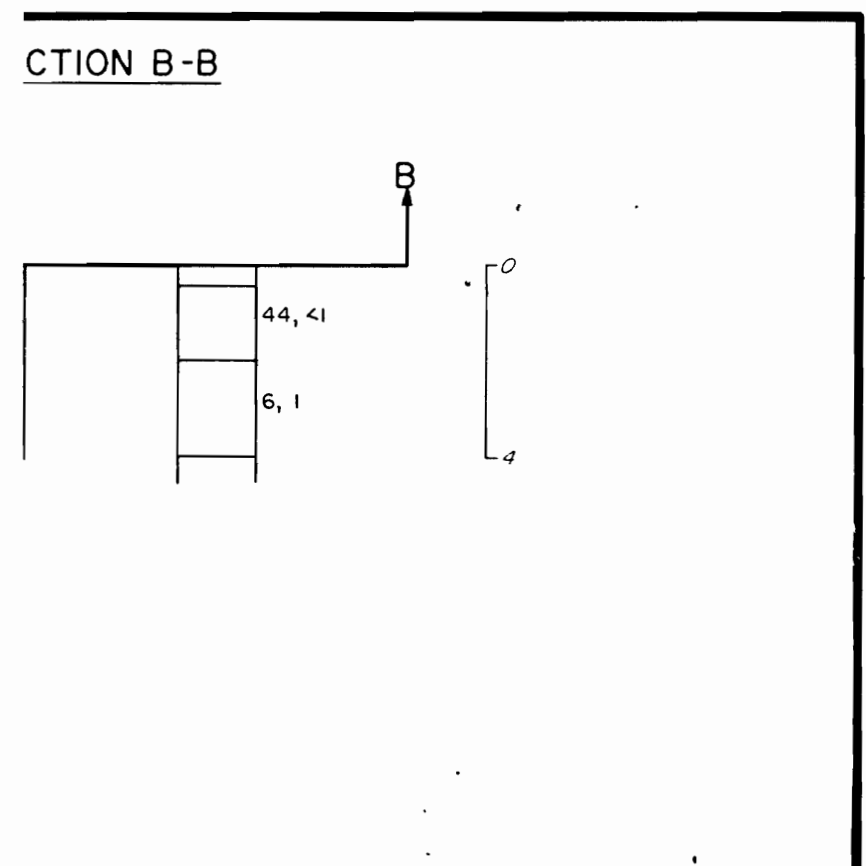
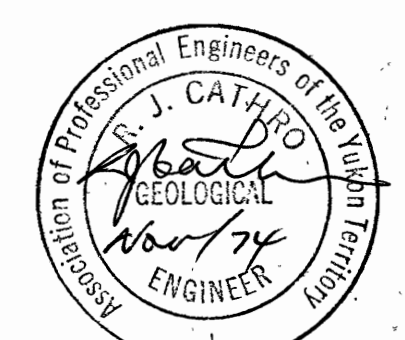
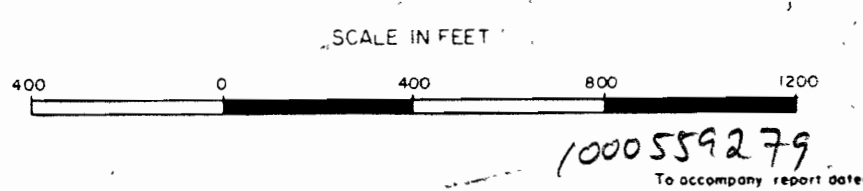
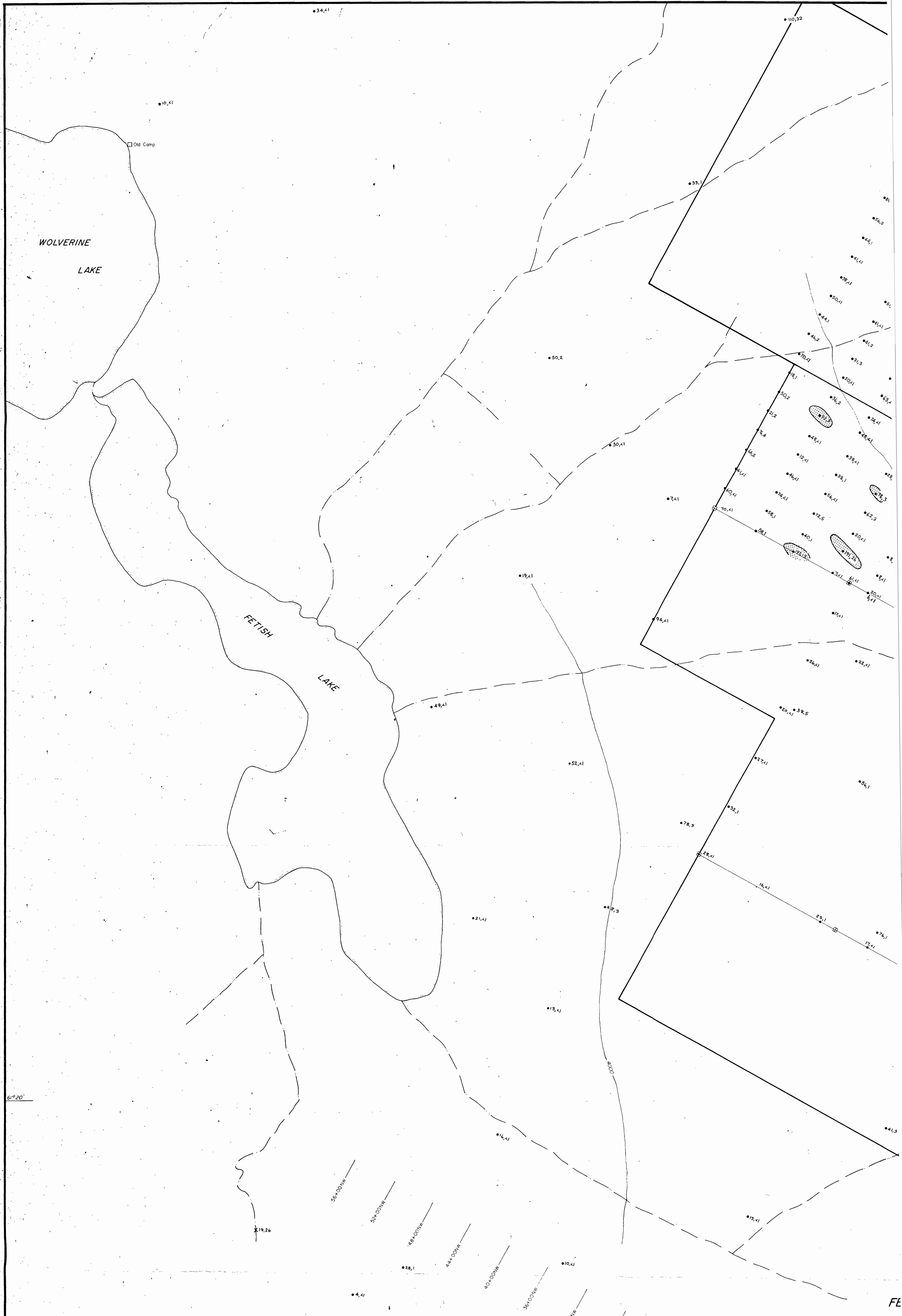
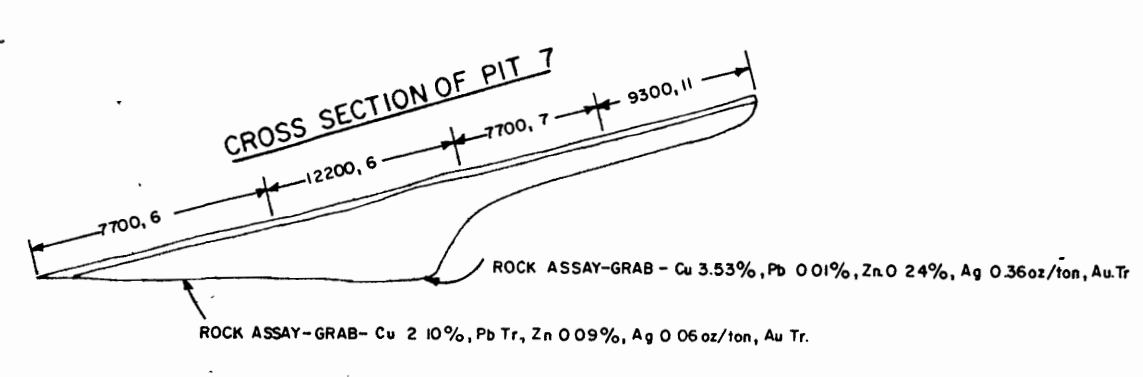
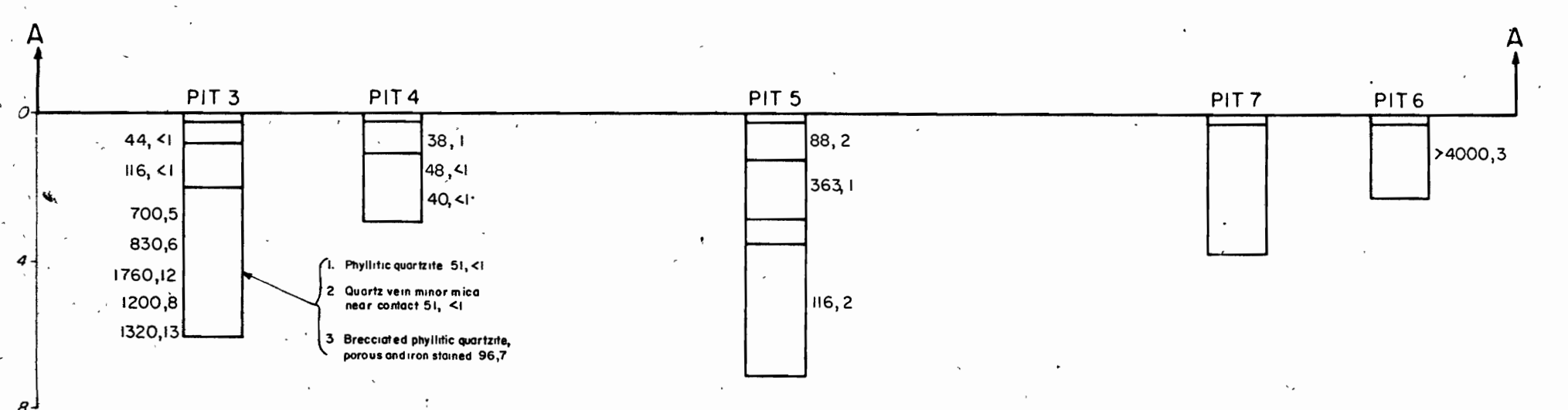


FIG. F2
REVISED 1973 FIG. 11
ARCHER, CATIRO & ASSOCIATES LTD
**COPPER & MOLYBDENUM
GEOCHEMISTRY**
FETISH PROPERTY
FINLAYSON JOINT VENTURE

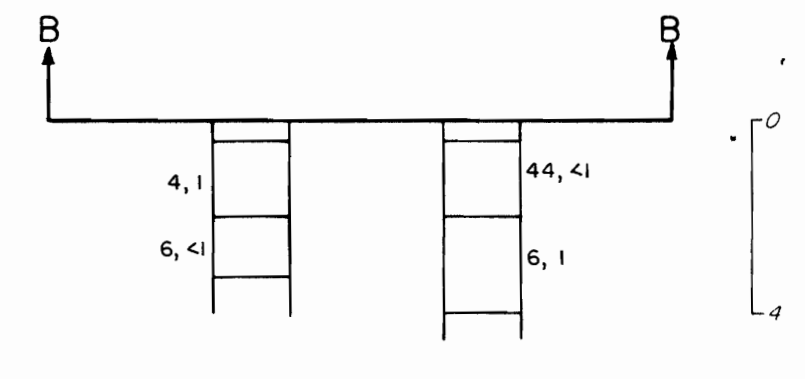


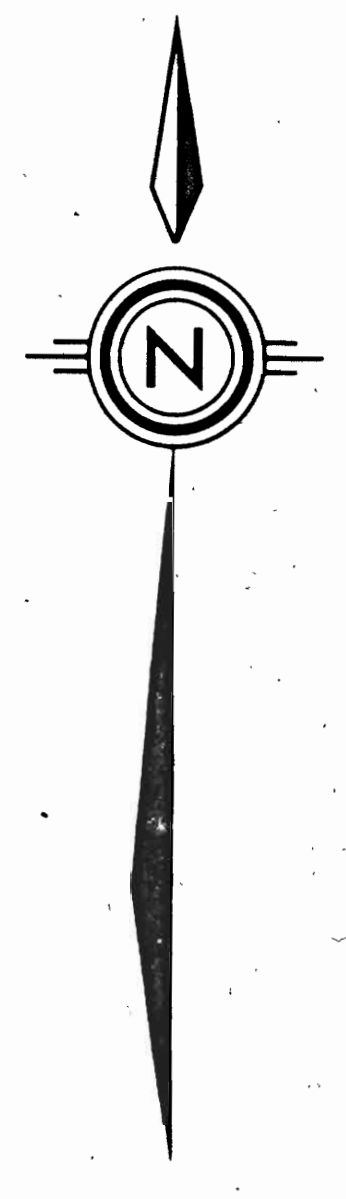


SECTION A-A



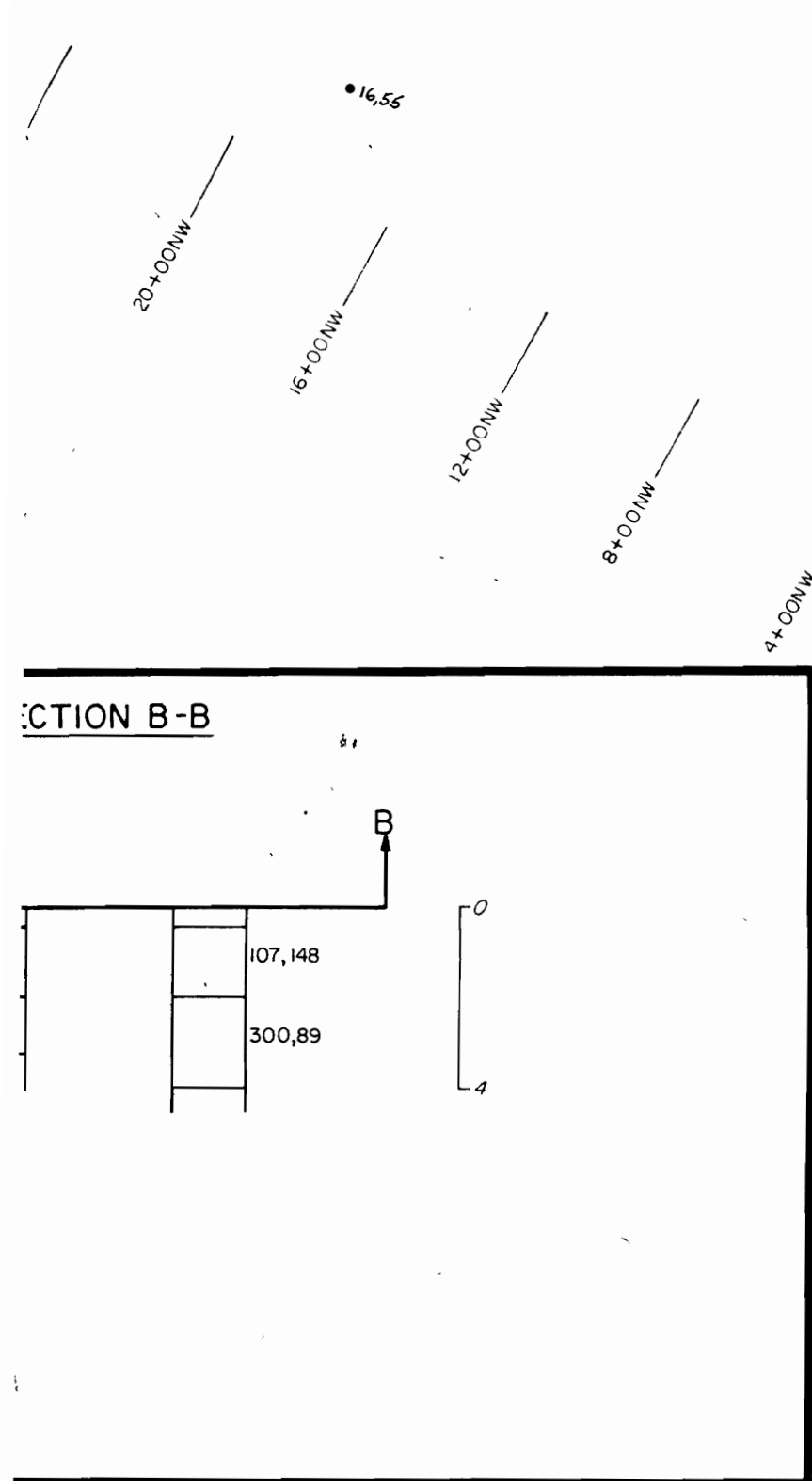
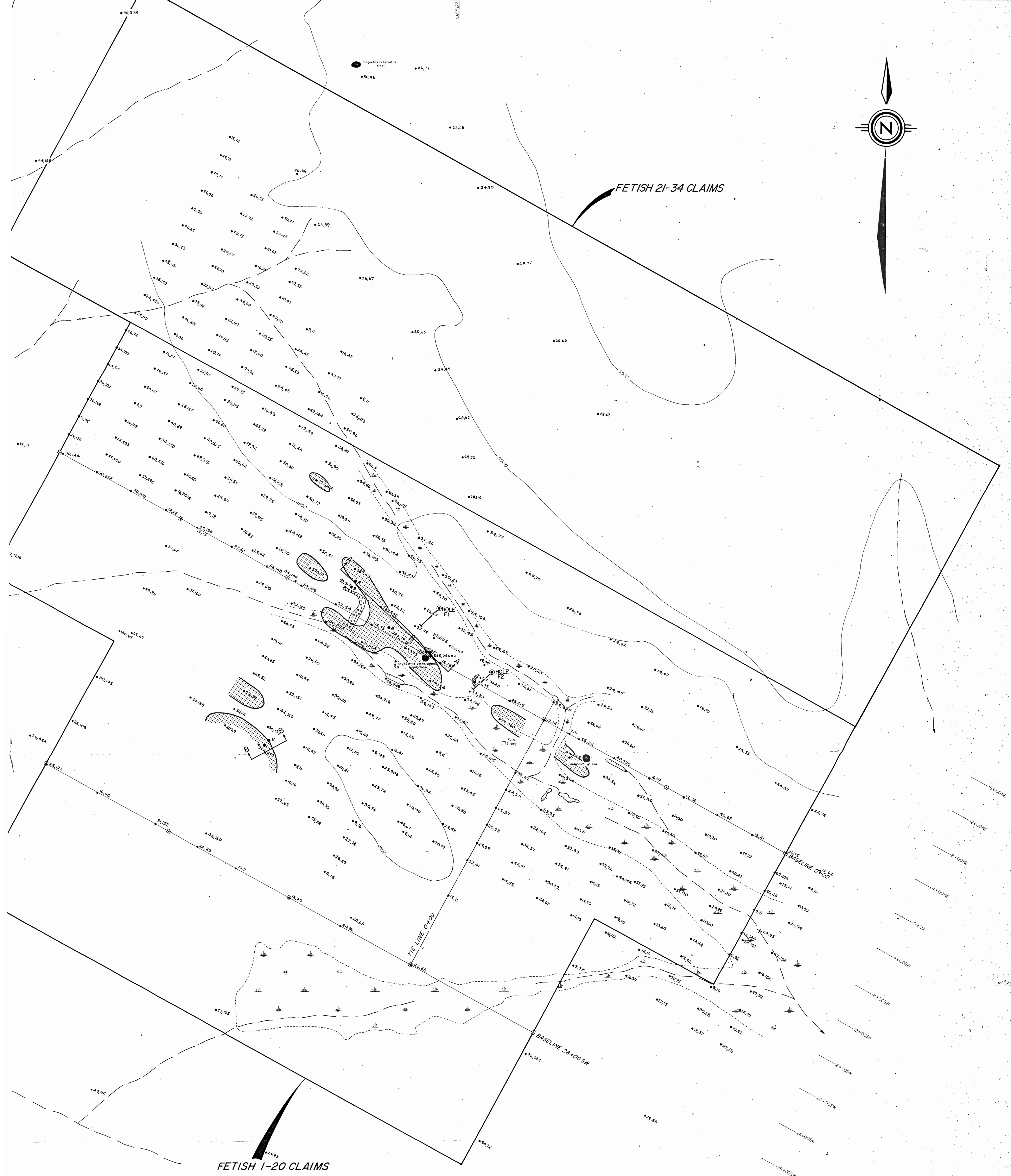
SECTION B-B





FETISH 21-34 CLAIMS

FETISH 1-20 CLAIMS



LEGEND

- Soil Pb, Zn
- x Site
- Assays in ppm by Cheme Labs Ltd
- Anomalous trend outlined by grid sampling with lead reponse greater than 75 ppm

LEGEND

- Hand pit
- Claim post
- Gossan
- Mineral occurrences
- Boulder train
- Swamp

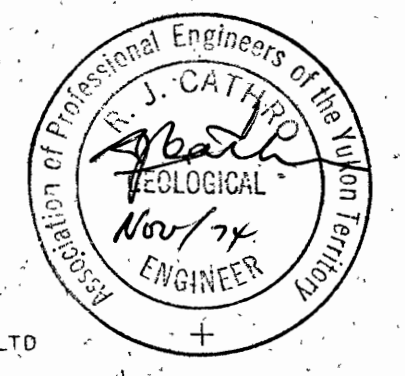


FIG. F3
 REVISIONS
 ARCHER, CATRO & ASSOCIATES LTD
**LEAD & ZINC
 GEOCHEMISTRY**
 FETISH PROPERTY
 FINLAYSON JOINT VENTURE

SCALE IN FEET
0 100 200 300 400 500

1000559279
To accompany report dated Nov 1974