GEOLOGICAL REPORT ON THE PROPERTY OF
CANALTA RESOURCES LTD.
MIKE LAKE, DAWSON MINING DIVISION, Y.

MIKE 1-24

Situated approximately 46 miles N 70 E of Dawson City, Yukon Territory and lies approximately 17 miles east of the Dempster Highway.

64 15' N, 137 55' W. 116-A-5

Submitted by: F.Holcapek. P.Eng.
Owner: CANALTA RESOURCES LTD.
Work conducted for: CANALTA RESOURCES LTD.
By: AGILIS ENGINEERING LTD.

090124

REPORT ON THE MIKE MINERAL CLAIMS

LOCATED ON

MIKE LAKE, DAWSON MINING DIVISION

YUKON TERRITORY

FOR

CANALTA RESOURCES LTD.

Vancouver, B.C.
November, 1975

F. Holcapek, P. Eng.
Geologist.

090124

AGILIS ENGINEERING LTD.
CONSULTING ENGINEERS & GEOLOGISTS
107-325 HOWE STREET, VANCOUVER, B.C. V6C 1Z7

Office Of The Supervising Mining Recorder

AUG 23 1976

WHITEHORSE

Yukon Territory

This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of

$ 12,002.00

Resident Geologist or
Resident Mining Engineer

Considered as representation work under Section 53 (4) Yukon Quartz Mining Act.

B. R. BAXTER
Supervising Mining Recorder

for Commissioner of Yukon Territory

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REPORT ON THE MIKE MINERAL CLAIMS
LOCATED ON
MIKE LAKE, DAWSON MINING DIVISION
YUKON TERRITORY
FOR
CANALTA RESOURCES LTD.

INTRODUCTION:

This report is based on an exploration program consisting of surface sampling, trenching, geological mapping and diamond drilling conducted during the period of August 8 to September 15, 1975. The program was conducted by Agilis Engineering Ltd. on behalf of Canalta Resources Ltd. under the supervision of the writer.

The purpose of the program was to investigate auriferous arsenopyrite - quartz veins.

Property:

The property consists of the following mineral claims:

Claim Name	Record Number:
Mike 1 - 24	Y 99705 - 99728
Can 1 - 30	not available
Can 45	not available

The Mike 1 - 24 minerals claims have been tagged during the course of the program.

Location and Access:

The property is located approximately 46 miles N 70° E of Dawson City, Yukon Territory and lies approximately 17 miles east of the Dempster Highway.

Co-ordinates of the property are 64° 15' north latitude, 137° 55' west longitude.

Access to the property is by helicopter from Dawson City or driving by truck 15 miles up the Dempster Highway and from there by helicopter to the property.

All necessary supplies are available in Dawson City.

PHYSIOGRAPHY:

Topographic relief within the claim area is rugged with elevations varying from between 4,500 to 6,500 feet. These elevations are above timberlines. Slopes are steep and are talus and rubble covered, with the ridges being mainly outcrop.

Vegetation consists of mosses, alpine grass and arctic birches, with willow confined to the shore line of Mike Lake.

Winters are severe in the region and initial surface exploration will have to be confined to the period of mid June to mid September.

Water for exploration purposes is available from Mike Lake at the western part of the property.

HISTORY:

Claims have been held for many years in the Fish Creek area. Hart River Mines Ltd. located the Gold claim group and completed geological mapping, trenching and sampling.

Most of the trenches did not reach bedrock but stopped in strongly oxidized vein material. Sampling showed good values in gold, widths of 1.5 to 5 feet. The claim group was allowed to elapse.

Conwest Mines Ltd. holds a claim group with known gold bearing quartz veins approximately 10 miles to the west of the subject property.

The AS claim group held by Belmoral Mines Ltd. adjoins the Mike Claims to the west. Several quartz veins carrying gold values and a wide low grade copper zone have been worked on in this group.

The Mike 1-24 mineral claims are covering the area of the elapsed Gold claims of Hart River Mines Ltd.

GEOLOGY:

Regional Geology:

Regional geological mapping of the area at a scale of 1 inch=4 miles by the Geological Survey of Canada has been published as Map 14-1962, accompanying Geological Survey of Canada Paper 62-7.

This shows the region to be largely underlain by a northwest trending belt of Precambrian and/or Cambrian sedimentary and metamorphic rocks intruded by small granitic to basic sills. The older rocks (unit 3) consist of quartzite, sandstone, conglomerate, shales, slates, phyllites, various schists and limestone.

Intrusives occupy the southern-central portion of the claim group. These consist of variously textured syenitic rocks with lesser diorite.

The sedimentary units are strongly contorted and generally contain appreciable amount of pyrrhotite and pyrite giving them a rusty appearance. Several large dykes, up to 50 feet wide, cut the intrusives and sediments.

STRUCTURAL GEOLOGY:

Structurally the area has been intensively folded as indicated by a series of tight overturned folds along a steep hillside along the eastern boundary of the claim group.

The isolated quartzite peaks at the mountain peaks surrounding Mike Lake are part of a tightly folded anticline bisected by deep glacial valleys or cirques.

Sheeting observed in the syenite, causing mass wasting by large blocks and boulders, is essentially parallel to the bedding of the sediments. North and east of the south veins the syenite, feldspar porphyry is overlaying

the sediments. A zone of up to 5 feet wide of thermal metasomatism associated with a chilled contact is exposed in this area. Jointing within the syenite is parallel to fracturing within the sediments.

The sulfide content of the sediments, expressed by intensively rusty areas decreases with the distance from the intrusive contact.

Two areas of strong easterly trending fractures are indicated by the south vein and north vein.

The first is confined to the syenite outcrop area and appears to be a continuation of the fracture zone investigated on the AS claims to the west. Heavy rubble cover precludes more detailed surface investigation.

The second, in vicinity of the north zone, lies within an area of quartz outcrops.

DETAILED GEOLOGY AND TRENCHING:

South Zone:

The south zone has been investigated by trenching and sampling for a strike distance of 1,000 feet. Deep weathering and heavy overburden, in excess of 10 ft. combined with the presence of permafrost precluded reaching fresh vein material. During the mapping it became apparent that the south vein is not a single quartz - arsenopyrite vein but rather a zone of two or more quartz veins apparently en echelon arranged and

horsetailing into each other. Maximum sulfide width observed is 4.5 ft. The apparent en echelon arrangement can explain the sharp northward swing of the vein system. The two vein outcropping at the top of the eastern ridge could not be traced for any distance because of talus cover.

Heavy fog cover and rain did not allow intensive investigations along the ridge.

Mineralization consists of quartz, arsenopyrite, chalcopyrite, minor pyrite and occasional specks and flakes of molybdenum in the adjoining wall rock.

Hydrothermal alteration of the wallrock consists of silicification, development of chlorite and enrichment of biotite. The alteration depends on the width of the vein but is strongest where horsetailing occurs. The vein system could not be traced past the intrusive sediment contact.

Trench #1: Dimensions: 10 ft x 6 ft x 6 ft strongly oxidized vein material vein is 3 ft. wide, 50% arsenopyrite. Attitude of vein is E, 75° south, chlorite alteration along footwall, biotite - silicification along hanging wall. Vein is sheeted and shows palisade structure.

Sample #	Width	Description	Au.oz/ton	Ag.oz/ton
32005	115 ft	Seynite-footwall	0.028	2.64
32003	3 ft	vein material	1.012	0.1
32004	1.5 ft	hangingwall	0.003	0.01

Average: 32005 and 32002 - 4.5 ft 0.675 oz/ton Au; 0.45 oz/ton Ag.

Trench #2: Dimensions: 30 ft x 7 ft x 4 ft; permafrost, yellowish soil and muck. No fresh vein-material, not sampled.

Trench #3: Dimensions: 15 ft x 10 ft x 10 ft; rubble and permafrost.

Trench #4: Dimensions: 15 ft x 6 ft x 6 ft; vein is completely oxidized. Footwall is well defined but hanging wall has not been intersected. Along footwall quartz contains less than 10% arsenopyrite. Minor malachite staining and chalcopyrite occurs disseminated in porphyritic wallrock.

Sample #	Width	Description	Au.oz/ton	Ag.oz/ton
32006	1 ft	quartz - arseno.	0.684	0.05
32007	3 ft	quartz- footwall	0.046	0.02
32008	grab	footwall-alteration	0.04	0.12
32009	grab	hangingwall	0.018	0.15

Average: 32006 and 32007 - 4 ft 0.329 oz/ton Au, 0.027 oz/ton Ag.

Trench #5: Dimensions: 10 ft x 3 ft x 1 ft; alteration zone, vein pinches to 1.5 feet is poorly defined and shows evidence of horsetailing

Sample #	Width	Description	Au.oz/ton	Ag.oz/ton
32010	1.5 ft	vein material	0.0080	0.01

Trench 6 to 8 are definitely located on a parallel vein structure.

Trench #6: Dimensions: 10 ft x 4 ft x 6 ft; the vein is 1.3 ft wide and lies within a 6 foot wide alteration zone containing numerous small quartz stringers, less than 1.5 inches wide.

Sample #	Width	Description	Au.oz/ton	Ag.oz/ton
32011	1 ft	oxidized vein	1.534	0.85
32012	½ ft	arseno - massive	1.548	0.79
32013	grab	hanging wall	0.042	0.01

Trench #7: Dimensions: 15 ft x 5 ft x 4 ft; vein shows good arsenopyrite but is strongly oxidized. Alteration zone 10 feet width appears to cross cut vein. Strike of vein S 85°E, dup 75°S to 75°N.

Sample #	Width	Description	Au.oz/ton	Ag.oz/ton
32016	5.5 ft	silicified wallrock	0.01	0.13
32017	2.5 ft	arseno - oxidized	.190	4.26

Trench #8: Dimensions 4 ft x 3 ft x 2 ft; shear zone 3.16 ft wide containing quartz stringers and massive arsenopyrite up to 4 inches wide. Chalcopyrite in altered hangingwall seynites.

Sample #	Width	Description	Au.oz/ton	Ag.oz/ton
32014	3.16 ft	arseno - quartz	0.176	1.16
32015	grab	selected sulfides	0.696	1.15

South Zone Diamond Drilling:

The purpose of the drill program was to test the auriferous arsenopyrite mineralization at depth.

DDH 1: N25 E at - 70°; total depth 240 ft. The purpose of this hole was to test mineralization below trench #1.

A ft. section assaying 0.128 oz/ton Au and 0.21 oz/ton Ag was intersected from 118.1 feet to 122.7 feet.

DDH 2: abandoned

DDH 2b: N46E at - 65°; total depth 187 ft. The purpose of this hole was to test possible mineralization below trench #2 and 3.

No ore grade mineralization was intersected. The best section assayed 0.004 oz/ton Au over 7.5 ft.

DDH 3: N32E at - 60°; total depth 193 ft. The purpose of this hole was to check the extension of the vein to the east and at depth below Trench #5.

A 4.20 ft. intersection assaying 0.715 oz/ton Au and 0.026 oz/ton Ag was intersected. These values were encountered from 154.8 - 159 ft. and are higher than the surface samples taken.

North Zone:

The North zone was mapped and sampled by Ms. F. Shnay, Geologist,under supervision of the writer for a strike distance of 1,600 ft.

The trenching on this zone did not penetrate beyond the strongly oxidized material. Samples taken from this area are not considered representative but give an indication if gold values are present.

Mineralization consists of arsenopyrite, pyrrhotite and minor occassional magnetite associated with a quartz gangue. Contact alteration appears to be intense over at least 4 feet into the wall rock. The light coloured quartzite is changed to a sugary, brown to tan coloured fine grained skarn. Amphibolites have been found as rubblein vicinity of the trace of the vein.

The North zone appears to consist of several closely spaced veins showing horsetailing. The main vein trends easterly and has an apparent steep dip to the south. Maximum width of the vein is 20 feet.

A second vein, trending northerly appears to intersect the main vein. This vein follows a creek bed and outcrops intermittently. For most of the distance strongly oxidized rubble is the only indication of the vein. The vein is up to 4 feet wide and consist of varying amount of arsenopyrite and pyrrhotite in a quartz gangue.

Trenching:

All trenches were cut across the indicated strike of the vein.

Trench 1: 19 ft x 5 ft x 3 ft: Vein trends 80°, dip 80°. Strongly oxidized arsenopyrite and quartz rubble. Some fresher material pyrrhotite boulders.

Sample #	Width	Description	Au.oz/ton	Ag.oz/ton
23501	1	chip vein material	0.014	0.01
23502	1	grab, weathered	0.032	0.40

Trench 2: 3 ft x 3 ft x 1 ft; Strongly weathered arsenopyrite, chert and quartzite rubble.

Sample	Width	Description	Au.oz/ton	Ag.oz/ton
23503	grab	strongly oxidized arsenopyrite	0.09	0.02

Trench 3: 12 ft x 8 ft x 6 ft; Strongly oxidized and sheared vein material; strike 80° dip 85°S. Part of trench in mixed chert, quartzite and vein rubble.

Sample #	Width	Description	Au.oz/ton	Ag.oz/ton
23504	grab	oxidized material	0.438	0.04
23508	grab	vein material	0.005	0.01

Trench 4: 33 ft x 3 ft x 3 ft; Strongly weathered arsenopyrite, quartzite contact with hydrothermal alteration.

Sample #	Width	Description	Au.oz/ton	Ag.oz/ton
23505	grab	arseno - oxidized	0.003	0.02

Trench 5: 30 ft x 4 ft x 2.5 ft; Vein, arsenopyrite 7 ft wide, hydro thermal alteration along walls, strike 70°, dip 80°S.

Sample #	Width	Description	Au.oz/ton	Ag.oz/ton
23507	7 ft	chip arseno pyrite	0.118	0.02
23506	2.5 ft	massive arsenopyrite	0.102	0.01

Trench 6: 5.5 ft x 4 ft x 3 ft; Along branch vein trending N45°E, 60°S. Vein is 4 ft wide and strongly oxidized.

Sample #	Width	Description	Au.oz/ton	Ag.oz/ton
23510	4 ft	oxidized sulfides	0.124	0.02

Trench 7: 8 ft x 4 ft x 3 ft; Intersection of main vein with two subsidary veins trending N 10°E, 75°S and S 40°E, 65°E, oxidized sulfides, pyrrhotite and arsenopyrite.

Sample #	Width	Description	Au.oz/ton	Ag.oz/ton
23509	4 ft	oxidized material	0.02	0.02

Trench 8: 6 ft x 4 ft x 3 ft; Gossan - pyrrhotite and arsenopyrite. Branch vein strikes into north trending vein structure. Strike at N 40°W, 70°E.

Sample #	Width	Description	Au.oz/ton	Ag.oz/ton
23511	5 ft	oxidized material	0.128	0.45

Trench 9: 20 ft x 3.5 ft x 3 ft; Vein exposed for 5 ft width has an apparent easterly strike and dips 80°S. Veinmaterial exposed consists of strongly weathered pyrrhotite and arsenopyrite.

Sample #	Width	Description	Au.oz/ton	Ag.oz/ton
23514	5 ft	weathered vein material	0.01	0.01

Two samples were taken from small outcrop areas along the north trending vein.

Sample #	Width	Description	Au.oz/ton	Ag.oz/ton
23512	grab	oxidized in Creek	0.032	0.01
23513	grab	oxidized in Creek	0.02	0.05

CONCLUSIONS:

1. The Mike claims of Canalta Resources have been investigated by surface trenching, sampling, geological mapping and diamond drilling of the South zone.

2. The claim group is underlain by quartzites, cherts and argillites intruded by a syenite feldspar porphyry, and several wide basic dykes.

3. Mineralization on the claim group investigated occurs in two zones, both trending easterly with steep south dips.

4. The south zone is an average of 4 ft wide and has been traced for a distance of 1,000 ft. Mineralization consist of arsenopyrite, minor chalcopyrite and molybdenum in a quartz gangue. Hydrothermal wall rock alteration has been recognized.

   Surface sampling of the trenches gave gold values from 0.01 to 1.548 oz/ton. The best section gave an average value of 0.675 over 4.5 ft. Nearly all samples taken are strongly oxidized and are not considered representative.

5. This zone appears to consist of several veins en echelon arranged following a major easterly trending fracture zone.

6. Diamond drilling showed that the vein type mineralization is continuous at depth. The best assays were encountered in DDH 3 over a 4.2 ft width returning 0.715 oz/ton gold.

7. The results are inconclusive and further work will be required to allow evaluation of this zone.

8. The north zone has been sampled and trenched for a distance of 1,600 ft. Several branch veins varying from N 40°E to N 40°W have been found in this area.

9. The main vein trends easterly with steep southerly dip and has a maximum indicated width of 20 ft.

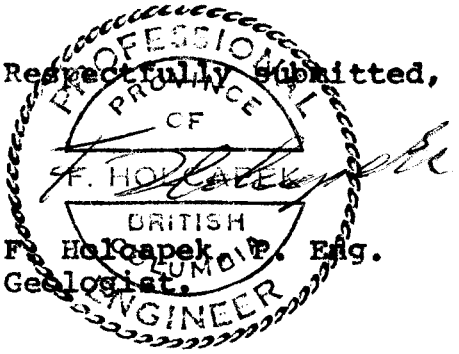
10. Mineralization consists of arsenopyrite, and pyrrhotite in a quartz gangue. The vein cuts quartzites.

11. The trenching did not expose fresh sulfides and hence the sampling is not representative. The highest value obtained was 0.438 oz/ton gold obtained from a grab sample. The best assay from a 7 ft chip sample of strongly weathered and oxidized material was 0.118 oz/ton gold.

12. Additional work is warranted to establish the grade of the fresh sulfides.

RECOMMENDATIONS:

Further work in the form of diamond drilling of both the North and South zone is recommended.



Respectfully submitted,

F. Holoubek, P. Eng.
Geologist.

Vancouver, B.C.
November, 1975

YUKON TERRITORY

CANALTA RESOURCES LTD.

MIKE CLAIM GROUP

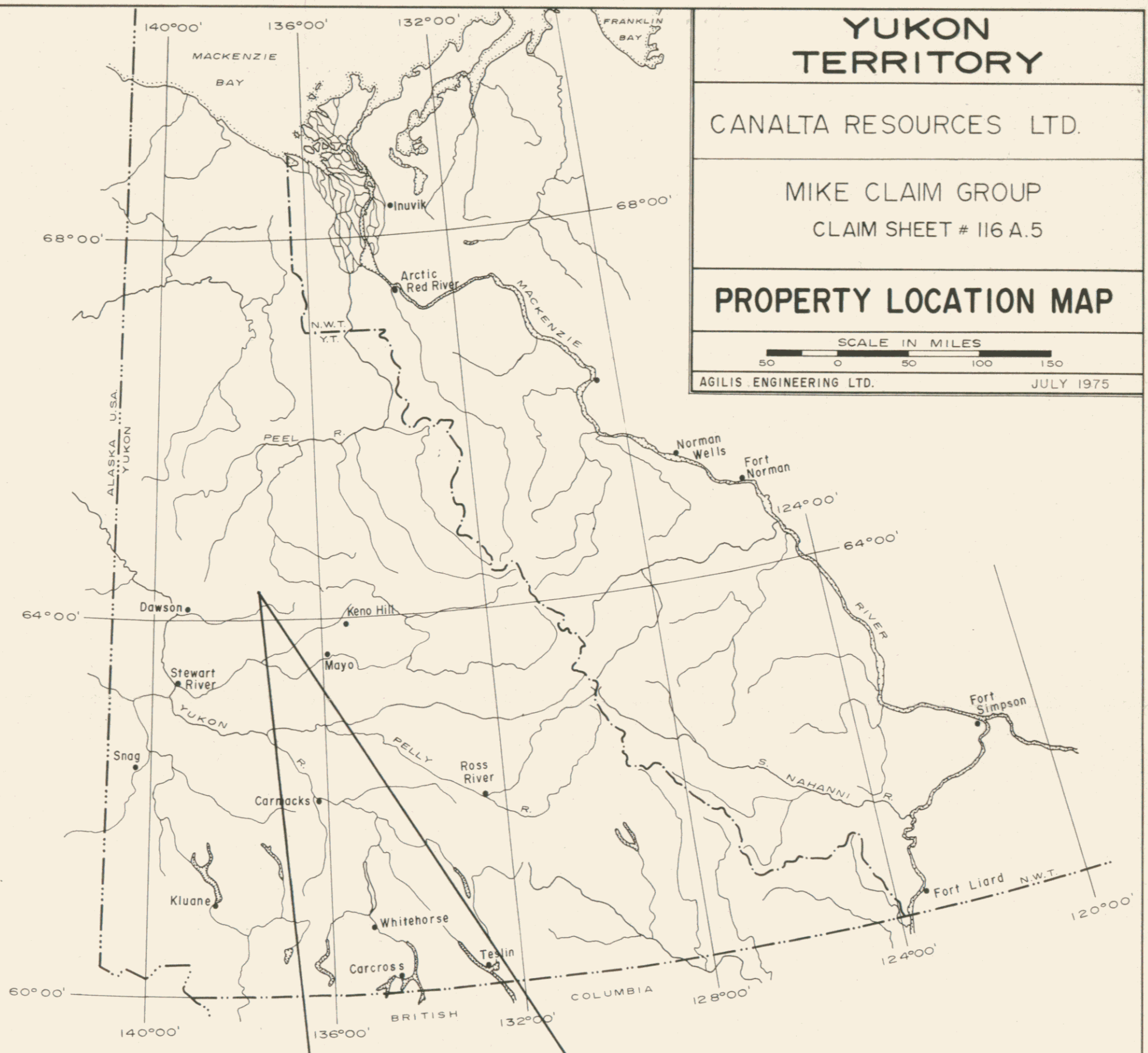
CLAIM SHEET # 116 A.5

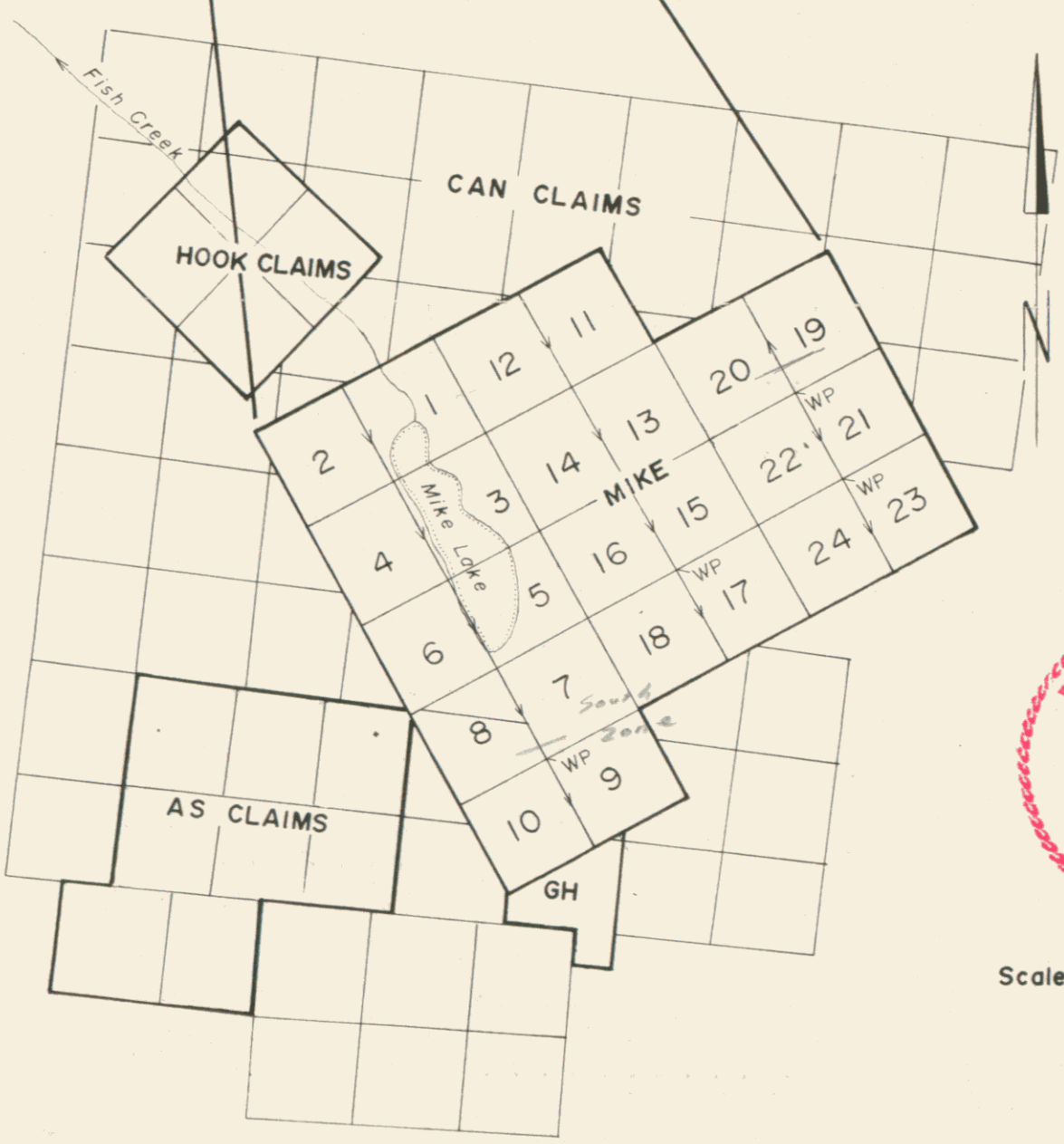
PROPERTY LOCATION MAP

SCALE IN MILES

50 0 50 100 150

AGILIS ENGINEERING LTD. JULY 1975





PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. HOLO

Scale 1" = 1/2 mile

area of springs and water seepage

creek

draw - heavy boulders

draw - boulders

Quartzite Talus

arsenopyrite as float

TR6 — good Arsenopyrite apparent width 4 feet
60° 23510 ·02 Ag ·124 Au 4'

TR7 — 65° pyrite completely oxidized
23509A ·02 Ag ·02 Au 4'

area of Quartzite and intermittent vein rubble

heavy overburden

23511 A ·45 Ag ·128 Au 5'
TR 8 — strongly oxidized - pyrrhotite ≈ 5 feet wide
30 in place - hanging wall not exposed

23512 ·01 Ag ·03 Au grab — strongly weathered vein material 6 x 6 feet

23513 ·05 Ag ·02 Au grab
vein material oxidized
10 x 5 feet

TR 9 — 50° 45° <·01 Ag ·01 Au 3'
23514
horsetailing to southeast
arsenopyrite in dark green matrix
hydrothermal zone - amphibolite
possibly altered basic dyke
trench strongly weathered

Quartzite Rubble & Minor Outcrop
trend east - dip 75° - 80° south

hydrothermal wall alteration
arsenopyrite massive over 7 feet
hanging wall contact strongly weathered

23506 A ·01 Ag ·102 Au 2.5'
23507 A ·02 Ag ·118 Au 7'

vein exposure - highly weathered
arsenopyrite pebbles & boulders in place

TR5

TR 4 — 23505 A ·02 Ag ·003 Au grab
massive arsenopyrite along footwall
rest of trench oxidized

TR 3 — 23504 A ·04 Ag ·428 Au grab
85°S vein material completely oxidized
trench does not show vein outline except trace

TR2 (ALRAE) — 23503 A ·02 Ag ·09 Au grab
rubble oxidized
same arsenopyrite

TR 1 — 80
quartzite
hydrothermal alteration along wall rock
23501 <·01 Ag ·014 Au 1'
23502 ·40 Ag ·032 Au 1'
oxidized pyrrhotite boulder
TR partly in rubble
vein pyrrhotite & arsenopyrite

DDH prop.

Quartzite outcrop
strike east 80° south

5250

5200

5150

5100

NOTE : Elevations and Contours approximate only

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — F. HOLUBAREK

CANALTA RESOURCES LTD.
MIKE GROUP DAWSON M.D. Y.T.

GEOLOGY MAP
NORTH VEIN

scale in feet
50 25 0 50 100

Agilis Engineering November 1975

SYENITE PORPHYRY

CHERT & QUARTZITE WITH MINOR ARGILLITE

35°

45°

45°

70°

30°

TR 1 (10x6x6)

0.45Ag 0.675Au 4.5'

0.21Ag 0.128Au 4.6'

75°

TR 2 (30x7x4)

0.23Ag 0.004Au 7.3'

DDH 1

TR 3 (15x10x10)

0.03Ag 0.329Au 4.0'

DDH 2b

30°

85°

85°

QUARTZ VEIN 1/4" ARSENOPYRITE

0.01Ag 0.008Au 1.5"

80°

TR 4 (15x6x6)

0.75Au 4.2'

0.28Ag

DDH 3

TR 5 (10x3x1)

0.79 Ag 1.548Au 0.3"

0.85Ag 1.534Au 1.0'

4.26Ag 0.190Au 2.5'

TR 6 (10x4x6) TR 7 (15x5x4)

1.15Ag 0.696Au Grab

0.176Au 3.2'

TR 8 (4x3x2)

TALUS & MIXED GROUND MORAINE

MIKE 7

MIKE 9

MIKE 8

MIKE 10

RUBBLE & OCCASIONAL SMALL OUTCROPS

4750

4800

4850

4900

4950

5000

5050

5100

5150

5200

30°

30°

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA

LEGEND

- Porphyritic syenite
- Chert & quartzite
- Vein exposed
- Vein trace
- Faults & slips
- Outcrop limit
- Jointing
- Slip strike
- Trench
- DDH ● Diamond drill hole
- Creek
- 500 Elevation contour
- Claim post

CANALTA RESOURCES LTD.

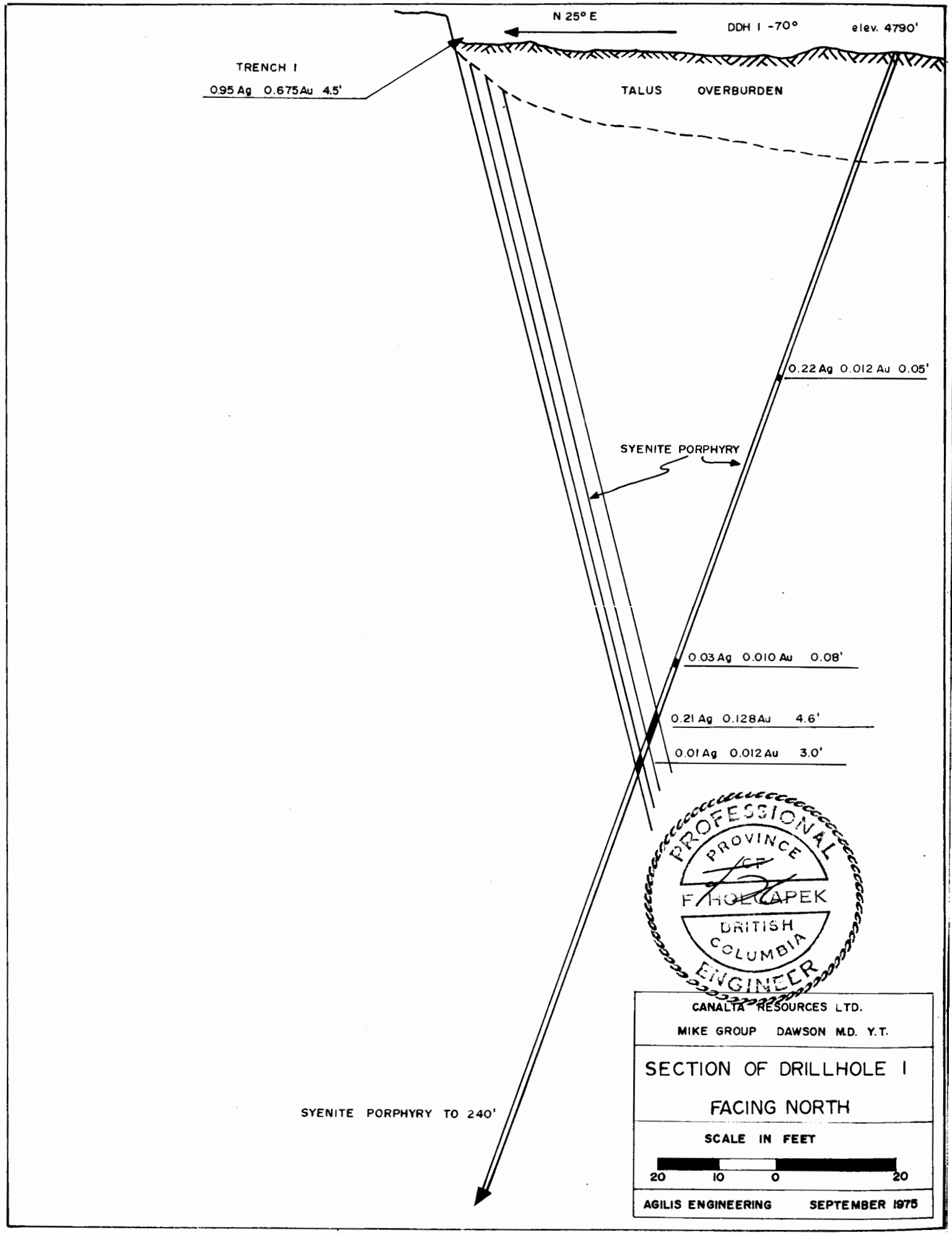
MIKE GROUP DAWSON M.D. Y.T.

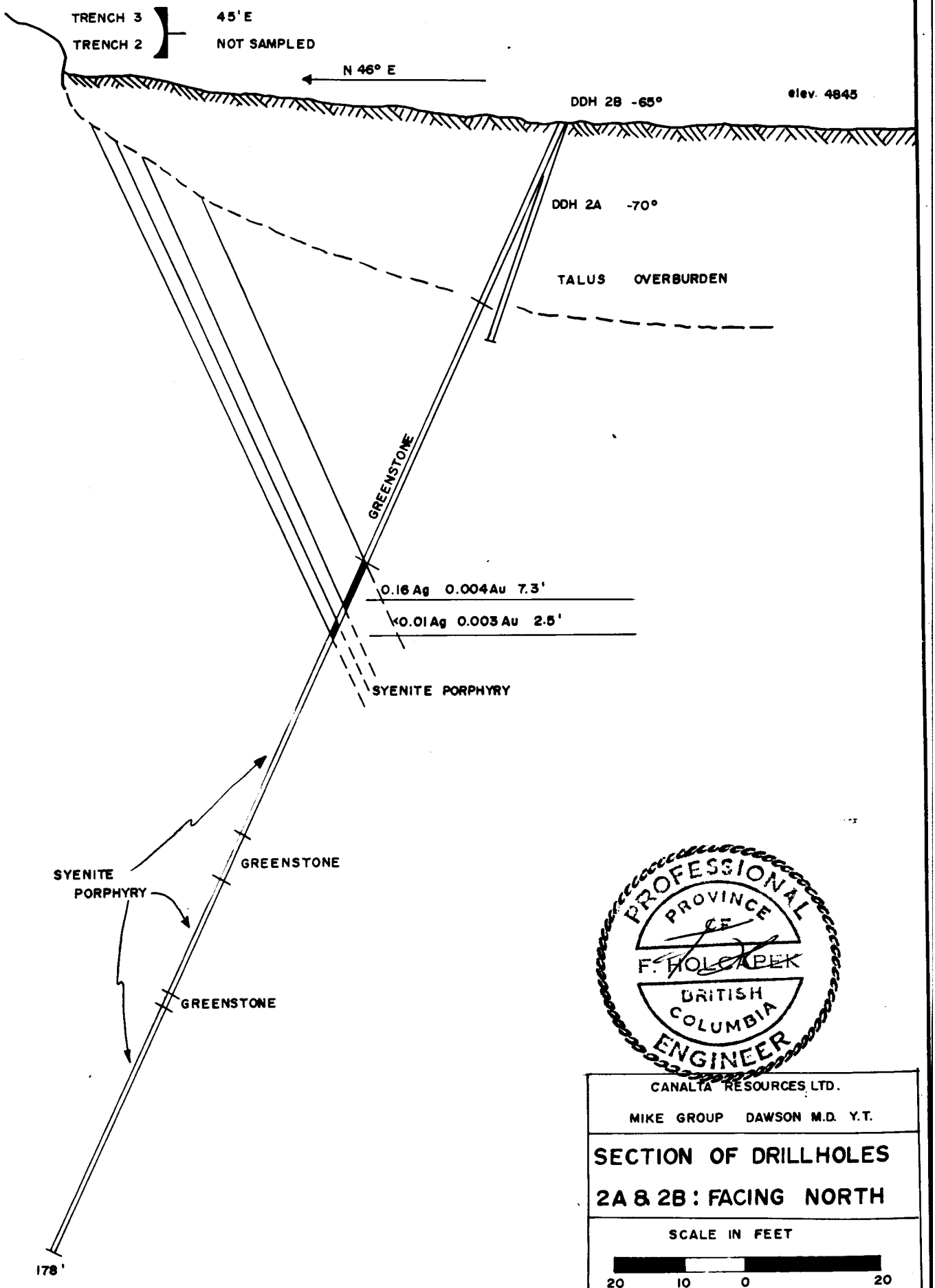
GEOLOGY MAP SOUTH VEIN

scale in feet

100 50 0 100 200

Agilis Engineering September 1975


N 25° E
DDH 1 -70°
elev. 4790'
TRENCH 1
0.95 Ag 0.675 Au 4.5'
TALUS
OVERBURDEN
0.22 Ag 0.012 Au 0.05'
SYENITE PORPHYRY
0.03 Ag 0.010 Au 0.08'
0.21 Ag 0.128 Au 4.6'
0.01 Ag 0.012 Au 3.0'
PROFESSIONAL
PROVINCE
OF
F. HOLUBEK
BRITISH
COLUMBIA
ENGINEER
SYENITE PORPHYRY TO 240'
CANALTA RESOURCES LTD.
MIKE GROUP DAWSON M.D. Y.T.
SECTION OF DRILLHOLE 1
FACING NORTH
SCALE IN FEET
20 10 0 20
AGILIS ENGINEERING SEPTEMBER 1975



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. HOLOWACHUK

CANALTA RESOURCES LTD.

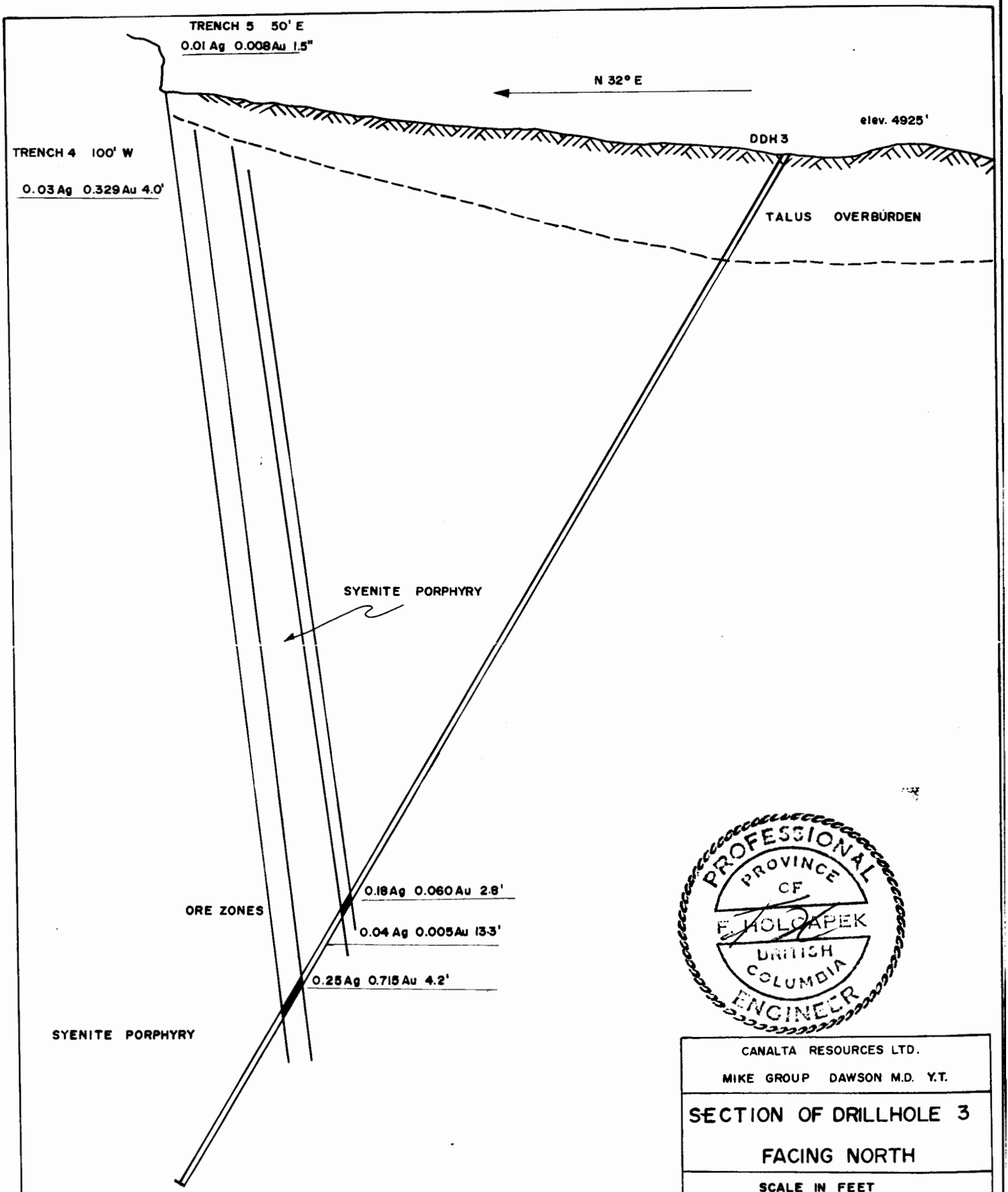
MIKE GROUP DAWSON M.D. Y.T.

SECTION OF DRILLHOLES 2A & 2B : FACING NORTH

SCALE IN FEET

20 10 0 20

AGILIS ENGINEERING SEPTEMBER 1975



PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. HOLOWAPEK

CANALTA RESOURCES LTD.

MIKE GROUP DAWSON M.D. Y.T.

SECTION OF DRILLHOLE 3

FACING NORTH

SCALE IN FEET

20 10 0 20

AGILIS ENGINEERING SEPTEMBER 1975

COLLAR
NORTH
EAST
ELEVATION 4790
AZIMUTH N 25° E True
DIP
LEVEL

Agilis Exploration Services Ltd.

DIAMOND DRILL RECORD

PROJECT Cirque South of Mike Lake
HOLE NO. 1
COMMENCED August-September, 1975
COMPLETED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	WIDTH	SAMPLE NO.	ASSAYS Au OZ	Ag OZ	WIDTH & ASSAY WxAu	WxAg	COMMENTS
		Drilled by: Arctic Drilling									
		Dip Angle of Hole θ 70°									
		Logged by: D. Hopper									
		Core size - B.Q.									
0	19'	Casing									
5	118.1	Syenite									
		Grey color matrix numerous white feldspar									
		crystals, irregular pattern, 5-10% of rock									
		volume, occasional inclusion basic to seli-									
		cious very angular to rounded.									
		9.8-10.7 Two - 2" quartz veins 35° to CA	9.8	10.7	0.9	23494A	0.005	<0.01			
		arsenopyrite spots.									
		20.0 recemented shear 40° to C.A.									
		24.9-27.4 Breccia zone quartz-mafic frags,	24.9	27.4	2.5	23495A	<0.003	<0.01			
		trace of arsenopyrite									
		38.2-39.5 Quartz fracture filling 3x¼"	38.3	39.5	1.2	23496A	<0.003	<0.01			
		arsenopyrite spots									
		53.4-54.0 1x½" quartz vein	53.4	54.0	0.6	23497A	0.003	<0.01			
		57.5-58.0 1x¼" quartz vein	57.5	58.0	0.5	23498A	0.012	0.22			
		60.0-60.8 Breccia zone quartz & Kspar alter-	60.0	60.8	0.8	23497A	0.003	0.05			
		ation. Trace of arsenopyrite									
		71.5-72.1 2 x ¼" quartz veins	71.5	72.1	0.6	23500A	<0.003	0.02			Sludge 75.0-85.0
		80.2-82.3 1x1" quartz veins 55° to C.A.	80.2	82.3	2.1	23451A	0.005	0.02			
		1x½" quartz veins									
		Trace of cp and arseno spots.									

Agilis Exploration Services Ltd.

PROJECT: Cirque South of Mike Lake — DIAMOND DRILL RECORD — HOLE NO: 1 —

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	WIDTH	SAMPLE NO.	ASSAYS Au OZ	Ag OZ	WIDTH & ASSAY WxAu	WxAg	COMMENTS
		98.9-102.1 Breccia zone, Kspar & quartz	98.9	102.1	3.2	23452A	0.003	0.02			
		3x1/8" fractures, arseno & Cp spots									
		109.0-109.8 2" quartz vein 60° to C.A.	109.0	109.8	0.8	23453A	0.010	0.03			
		Arseno & Cp spots									
		109.8-112.8 14 x 1/16" shears, Cp & arseno	109.8	112.8	3.0	23454A	0.0005	0.07			
		115.0-118.1 Shear zone Cp & Arseno in	115.0	118.1	3.1	23455A	0.003	0.10			Sludge ~~115.0-125.0~~
		stringers.									
118.1	122.7	Altered Zone	118.1	122.7	4.6	23456A	0.128	0.21			
		epidotized contacts, sharp, stringers									
		30-40° to CA and patches of arsenopyrite									
		5-10%, calcite section									
		120.3 0.2' fault gouge									
		121.0 fault gouge 35° to C.A.									
122.7	124.6	Syenite	122.7	124.6	1.9	23457A	0.005	0.01			
		Arsenopyrite specks									
124.6	127.6	Altered zone	124.6	127.6	3.0	23458A	0.012	0.01			
		arsenopyrite patches, quartz stringers									
		Trace of Moly									
127.6	240.0	Syenite	127.6	129.0	1.4	23459A	<0.003	0.12			
		140-141 Blue green alteration mineral									
		lapis lazuli in fracture parallel to CA									
147.0	149.5	Trace of cp and arseno specks, in breccia	147.0	149.5	2.5	23460A	<0.003	0.04			
		zone									
		156.0 Chloritic shear 30° to C.A.									
		175.5-180.8 Shear zone 3x½"-1x2" at 60°	175.5	180.8	5.3	23461A	<0.003	0.01			
		1x1" at quartz shears with cp & arseno									
		spots									
		179.0 mafic inclusion rounded cp & arseno									
		spots									

PROJECT: Cirque South of Mike Lake — *Agilis Exploration Services Ltd.* DIAMOND DRILL RECORD — HOLE NO: 1 — PAGE: 3

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	CORE SAMPLES TO	CORE SAMPLES WIDTH	CORE SAMPLES SAMPLE NO.	ASSAYS Au OZ	ASSAYS Ag OZ	WIDTH & ASSAY WxAu	WIDTH & ASSAY WxAg	COMMENTS
		198.5 ½" quartz vein 20° at CA.									
		207.0-212 Breccia zone - fractures Tr of									
		arseno	207.0	212.0	5.0	23462	<0.003	0.01			
		207-210 fracture 11 to C.A.									
		215.5 ½" quartz vein 30° to C.A. arseno									
		spots									
		234.0 ½" quartz vein 40° to C.A.									
240.0		End of Hole									
		Total hole in perma frost. Hole was									
		stopped for mechanical failure at 142' and									
		was redrilled in ice.									

COLLAR
NORTH
EAST
ELEVATION 4845'
AZIMUTH N 46° E True
DIP 65°
LEVEL

Agilis Exploration Services Ltd.

DIAMOND DRILL RECORD

PROJECT Cirque South of Mike Lake or 200' Az 110
HOLE NO. DH 2B
COMMENCED Commenced September 1975
COMPLETED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	WIDTH	SAMPLE NO.	ASSAYS Au OZ	Ag OZ				WIDTH & ASSAY WxAu	WxAg		COMMENTS
		Drilled by: Arctic Drilling													
		Logged by: D. Hopper													
		Core Size: B.Q.													
		No water return for sludge samples													
0	13.0	Casing													
13.0	36.5	Syenite													
		25.0 2" of mud													
		28.0 fracture at 20° to C.A.													
		29.5-30.0 gravel													
36.5	73.3	Greenstone Dike - Andesite?	36.5	41.5	5.0	23465A	<.003	0.12							
		Fine grained to medium grained in center.	41.5	47.0	5.5	23616A	0.01	0.06							
		Very compact rock	47.0	53.0	6.0	23617A	0.003	0.02							
		36.5 contact missing	53.0	54.0	5.0	23466A	<0.003	0.16							
		36.5-73.3 cp spots throughout and occasional	58.0	63.0	5.0	23618A	0.003	<0.01							
		arseno speck.	63.0	68.0	5.0	23619A	<0.003	<0.01							
		41.8 syenite inclusion	68.0	73.3	5.3	23467A	<0.003	0.18							
		73.3 contact very irregular, undulating,													
		chilled, with some syenite inclusions													
		possibly 20° to C.A.													
		72.0-73.0 fracture 11 to C.A. Cp along													
		fracture and arseno spots.													
73.3	80.6	Altered Zone in Syenite. Arsenopyrite &													
		Cp spots near contact													
		73.3-78.3 1% arsenopyrite	73.3	78.3	5.0	23468A	0.005	0.28				.025	1.40		
		Calcite Shear 20-25° to C.A.													
		80.0 calcite vein, cp & arseno 20° to C.A.													

PROJECT: Cirque South of Mike Lake or 200' Az 110°

Agilis Exploration Services Ltd.

DIAMOND DRILL RECORD

HOLE NO: DH 2B PAGE: 2

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	WIDTH	SAMPLE NO.	ASSAYS Au OZ	Ag OZ	WIDTH & ASSAY WxAu	WxAg	COMMENTS
80.6	82.5	Syenite	78.3	80.6	2.3	23469A	<0.003	0.12	.007	.28	.004 Sec .16Ag
		Contact at 20° to C.A.	80.6	82.5	1.9	23470A	<0.007	0.01	.032	1.68	7.3
		Trace of cp and arseno spots							7.3	7.3	
82.5	85.0	Altered zone in Syenite contact at 82.5									
		very irregular disseminated arseno ½%	82.5	85.0	2.5	23471A	0.003	<0.01			
		in spots and specks									
		85.0 2-½" quartz stgrs 30° to C.A.									
		85.0 sharp contact at 30° and altered 0.4									
		into the syenite.									
85.0	118.5	Syenite Porphyry									
		86.0 Cp and arseno in fracture. Occasional	85.0	86.5	1.5	23472A	0.003	<0.01			
		zone of Kspar and quartz alter.									
		92.0 mafic angular fragment									
		109.0 1/8" quartz stgr 20° to C.A.									
		101.0-107.0 fracture zone parallel and 60°	101.0	107.0	6.0	23473A	<0.003	<0.01			
		to C.A.									
118.5	126.0	Andesite Dike									
		Both contacts distinct, chilled 20° to CA									
		Cp spots throughout									
126.0	145.4	Syenite Porphyry									
		131.0 ¼" Quartz vein 30° to C.A.									
		Trace of cp									
		138.5 ½" Quartz vein 40° to C.A.									
		Arseno specks									
145.4	146.0	Andesite Dike									
		Sharp contacts 80° to C.A.									
146.0	187	Syenite Porphyry									
		149.8-154.1 6-1/8 & 1/16" Shears 60° to	149.8	154.1	4.3	23474A	<0.003	<0.01			
		parallel to C.A.									

PROJECT: Cirque South of Mike Lake or 200' Az 110°

Agilis Exploration Services Ltd.

DIAMOND DRILL RECORD

HOLE NO: DH 2B PAGE: 3

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	WIDTH	SAMPLE NO.	ASSAYS Au OZ	Ag OZ	WIDTH & ASSAY WxAu	WxAg	COMMENTS
		Trace of cp & arseno.									
		170.4-171.5 Breccia zone, quartz fracture	170.4	171.5	1.1	23475A	<0.003	<0.01			
		filling. Trace of cp & arseno									
		176.0-178.0 trace of cp.	176.0	178.0	2.0	2000C	0.010	<0.01			
		¼" quartz vein at 20° to CA									
		¼" quartz vein at 60° to CA									
187.0		End of Hole									
		Note in the altered zones 73.3-80.6 and 82.5-85.0 there was less									
		arseno and quartz veining as compared to DH #1.									

COLLAR
NORTH
EAST
ELEVATION 4925
AZIMUTH Direction N 32° E True
DIP θ 60°
LEVEL

Agilis Exploration Services Ltd.

DIAMOND DRILL RECORD

PROJECT Cirque South of Mike Lake
HOLE NO. DH #3
COMMENCED September 1975
COMPLETED
PURPOSE OF HOLE

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	WIDTH	SAMPLE NO.	ASSAYS Au OZ	Ag OZ				WIDTH & ASSAY WxAu	WxAg		COMMENTS
		Drilled by: Arctic Drilling													
		Depth 193.0													
		Logged by: D. Hopper													
		Core Size B.Q.													
0	23.0	Casing													
0	19.0	Boulders													
19.0	138.7	Syenite Porphyry													
		Grey matrix, numerous white feldspar													
		crystals, largest being 3/8" x 1", no													
		arrangement occasional fracture with													
		carbonate and some red-brown alteration													
		mineral hematite													
		46.0 fracture, carbonate filling at 30°													
		63.6-65.4 altered zone in the porphyry	63.6	65.4	1.8	23601A	0.003	0.07							
		pyroxene 30° to core 68.0-70.0 carbonate	68.0	70.0	2.0	23602A	0.003	0.05							
		red-orange and spots in shears and frac-													
		tures 92.0 ¼" quartz vein 20° to C.A.													
		95.4-100.1 3-¼" carbonate, red-orange,	95.4	100.1	4.7	23603A	0.003	0.02							
		shears 25° to C.A. Trace of arsenopyrite													
		110.9 - 111.9 - 0.1 quartz vein arseno	110.9	111.9	1.9	23604A	<0.003	0.02							
		specks.	135.0	138.7	3.7	23605A	0.003	0.03							
138.7	141.5	Altered zone in Syenite Porphyry 140.0-	138.7	141.5	2.8	23606A	0.060	0.18							
		140.3 massive arseno pyrite trend 30-35°													
		to C.A. on each contact of this band. Ar-													
		seno and cp spots.													
141.5	153.0	Syenite Porphyry. Many chlorite slips,	141.5	143.0	1.5	23607A	0.003	0.07							

PROJECT: Cirque South of Mike Lake

Agilis Exploration Services Ltd.

DIAMOND DRILL RECORD

HOLE NO: DH #3 PAGE: 2

FROM	TO	DESCRIPTION	CORE SAMPLES FROM	TO	WIDTH	SAMPLE NO.	ASSAYS Au OZ	Ag OZ	WIDTH & ASSAY WxAu	WxAg	COMMENTS
		some carbonate in fractures (red-orange	143.0	148.5	5.5	23608A	0.003	0.05			
		color). Very incompetent rock.	148.5	153.0	4.5	23609A	0.010	0.03			
		15.1.5 ½" quartz vein									
		152.0 Arsenopyrite in shear.									
153.0	160.1	Altered zone in Syenite Porphyry.									
		153.0-154.8 ½" quartz carb stgr.	153.0	154.8	1.8	23610A	0.003	0.08			
		60° Cp & arseno spots. Epidotized 154.8									
		-155.9 0.7' of arsenopyrite massive bands.	154.8	155.9	1.1	23611A	0.672	0.57			
		155.9-157.9 Arseno spots & stgrs epidotized	155.9	157.9	2.0	23612A	0.06	0.064	0.739	0.625	
		157.9-159.1 Quartz Vein at 30°	157.9	159.1	1.2	23613A	1.784	0.28	0.128	0.120	
		25% arsenopyrite cp spots at bottom 159.1-	159.1	160.1	1.0	23614A	0.028	0.07	2.136	0.33	
		160.1 Arseno spots & tr of cp.							3.003	1.09	
160.1	193.0	Syenite Porphyry							4.2	4.2	
		Occasional fracture carbonate (red-orange							0.715	0.26	
		color) decreasing away from the zone above.									
		171.3-172.1 1" qtz stgrs cp & arseno	171.3	172.1	1.8	23615A	0.014	<0.01			
		spots 35° to C.A.									
		179.0 0.4' Silicious dike, biotite specks									
		60° to C.A.									
193.0		End of hole									