

MAP NO. ASSESSMENT REPORT X
PROSPECTUS
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO.: 092091
MINING DISTRICT: WATSON LAKE
TYPE OF WORK: Trenching/Assays

105 F 10

REPORT FILED UNDER: T. McCrory and Associates

DATE PERFORMED: July 18-23, 1987

DATE FILED: February 3, 1988

LOCATION: LAT.: 61°35'N

AREA: Seagull Creek

LONG.: 132°48'W

VALUE \$: 4,000.00

CLAIM NAME & NO.: WHISTLER 1-8 YA67717-YA67724

WORK DONE BY: G.S. Davidson

WORK DONE FOR: T. McCrory and Associates

DATE TO GOOD STANDING | REMARKS: #135 MPR



ASSESSMENT REPORT

WHISTLER 1-8 Claims
(YA 67717 - YA 67724)
Seagull Creek, Yukon Territory
NTS 105-F-10
Watson Lake Mining District

Latitude 61°35' N
Longitude 132°48' W

For:
T. McCrory and Associates
510 Elliot Street, Whitehorse, Yukon. Y1A 2A5

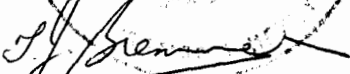
By:
G. S. Davidson, P. Geol.

January 1988



092091

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 \$ 4,000.00.



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



TABLE OF CONTENTS

	Page
INTRODUCTION	1
PROPERTY	1
- Claim Description	1
- Physiography	1
REGIONAL GEOLOGY	2
STRUCTURE	2
EXPLORATION HISTORY	3
EXPLORATION PROGRAM	3
- Table I: Rock Sample Values and Descriptions	4
- Table II: Trench Dimensions	5
DISCUSSION AND RECOMMENDATIONS	6
CERTIFICATE	7
REFERENCES	8
STATEMENT OF COSTS	9

APPENDIX: CERTIFICATES OF ANALYSIS

LIST OF FIGURES

- Figure 1: Location Map
- Figure 2: Location Map - Seagull Lake area
- Figure 3: Claim Plan
- Figure 4: Regional Geology
- Figure 5: Property Plan
- Figure 6: Trench Plan
- Figure 7: Trench Plan

092091

INTRODUCTION

The WHISTLER 1-8 claims were investigated in a limited program of bulldozer trenching and prospecting from July 18-23, 1987. The property is located 45 km southsouthwest of Ross River and 14 km east of the South Canol Road on a tributary of Seagull Creek in south-central Yukon. The claim block is situated in the St. Cyr Range of the Pelly Mountains and is accessible via the Groundhog Creek road which branches off the Canol Road at km 161.5. A 5 km cat trail extends from the Groundhog Creek road onto the WHISTLER claims.

R. Wilson, a geologist employed by Yukon Minerals Corporation, mapped and sampled the trenches described in this report.

The property location is shown in Figures 1 and 2.

PROPERTY

Claim Description

The WHISTLER 1-8 claims (YA 67717 - YA 67724) are located on Claim Sheet 105-F-10 and are registered with the district mining recorder in Watson Lake. The claims are owned by T. McCrory, B. Preston and P. Bland. An expiry date of September 9, 1992 has been applied for with the Watson Lake mining recorder.

Figure 3 shows the claim plan.

Physiography

The claims lie at the headwaters of a tributary of Seagull Creek between elevations of 1500 and 1900 m. They cover a rounded ridge top and a moderate to steep west facing hillside. Outcrop is restricted to ridge tops and prominent dolomite cliffs. Higher slopes feature alpine grasses and moss, while buckbrush and sparse stands of spruce are prevalent at lower elevations.

The mountains around Ross River have a subarctic climate, where temperatures average -25°C in winter and rarely exceed 15°C in summer. A snow pack of 1-2 m builds up in winter. The exploration season lasts from early June to late September.

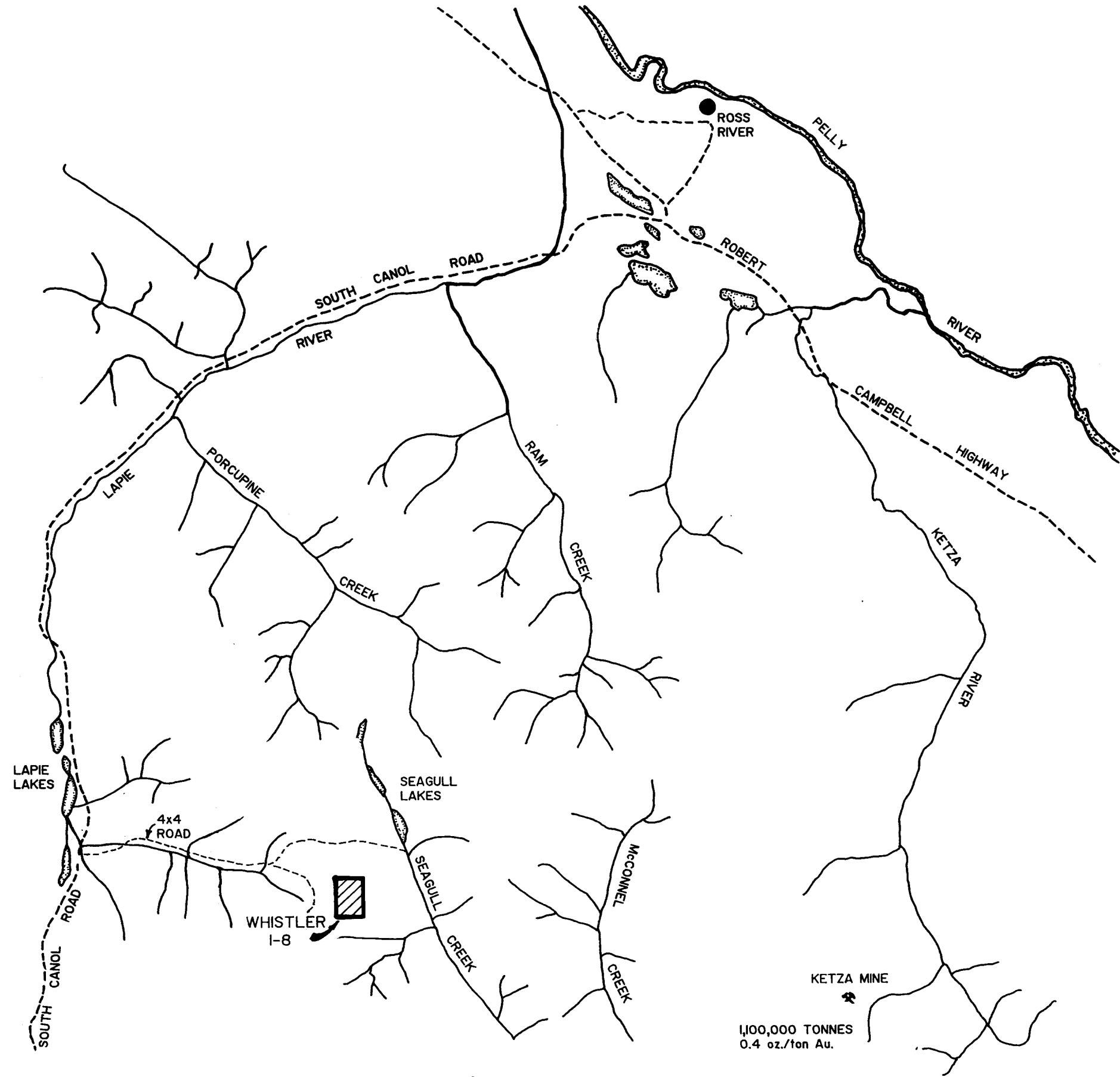


092091

FIGURE 1
LOCATION MAP

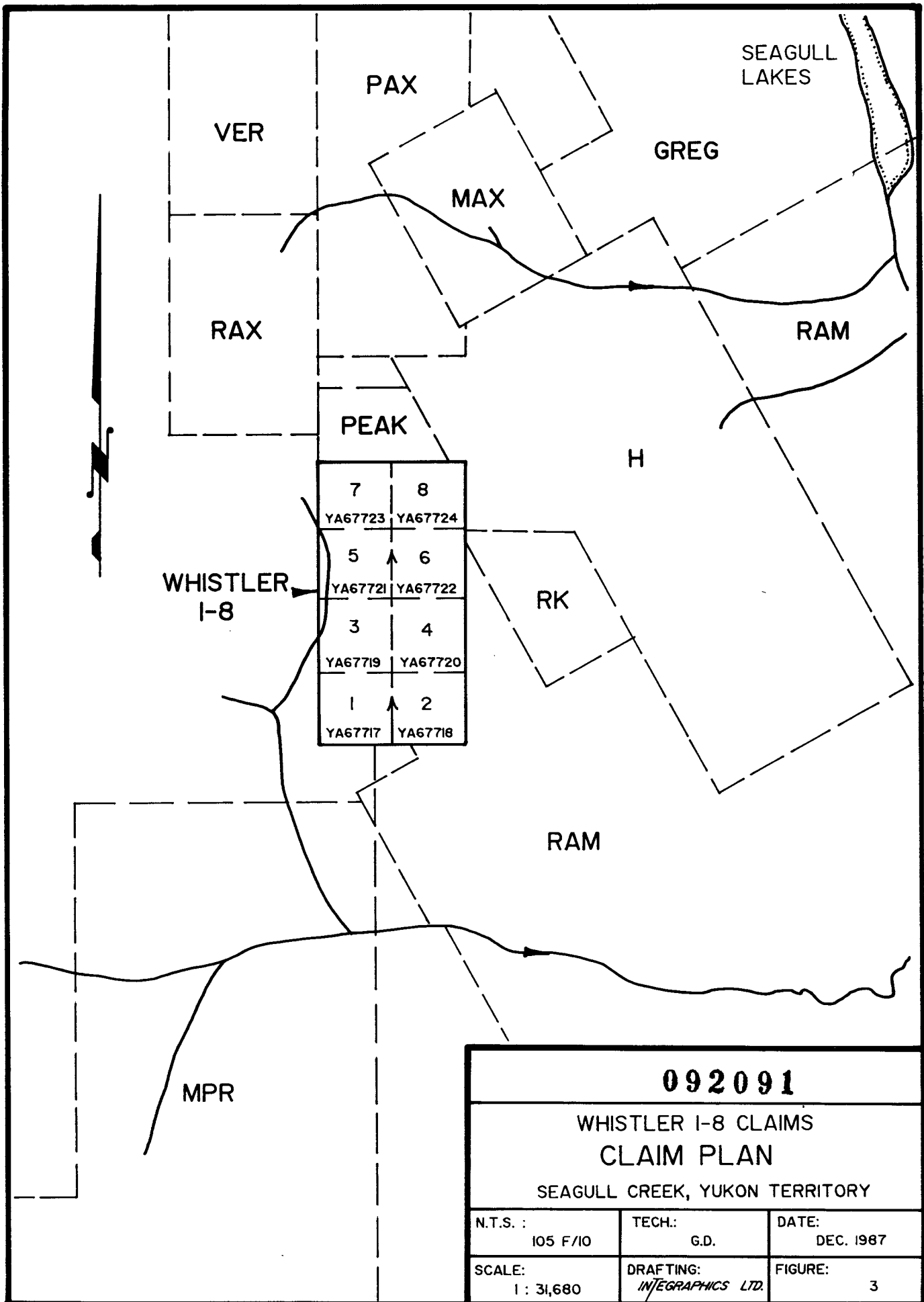
SCALE: 1" = 112.5 MILES APPROX.

- WHISTLER 1-8 claims
- ⚡ Ketza River Property Canamax



1,100,000 TONNES
0.4 oz./ton Au.

092091		
WHISTLER 1-8 CLAIMS LOCATION MAP		
SEAGULL CREEK, YUKON TERRITORY		
N.T.S.: 105 F/10	TECH.: G.D.	DATE: DEC., 1987
SCALE: 1 : 250,000	DRAFTING: INTEGRAPHICS LTD.	FIGURE: 2



WHISTLER
I-8

7	8
YA67723	YA67724
5	6
YA67721	YA67722
3	4
YA67719	YA67720
1	2
YA67717	YA67718

092091		
WHISTLER I-8 CLAIMS CLAIM PLAN		
SEAGULL CREEK, YUKON TERRITORY		
N.T.S. : 105 F/10	TECH.: G.D.	DATE: DEC. 1987
SCALE: 1 : 31,680	DRAFTING: INTEGRAPHICS LTD.	FIGURE: 3

REGIONAL GEOLOGY

The Seagull Creek area is underlain by folded and faulted Lower Cambrian to Mississippian limestones, dolostones, slates, phyllites and volcanoclastics of the Cassiar Platform.

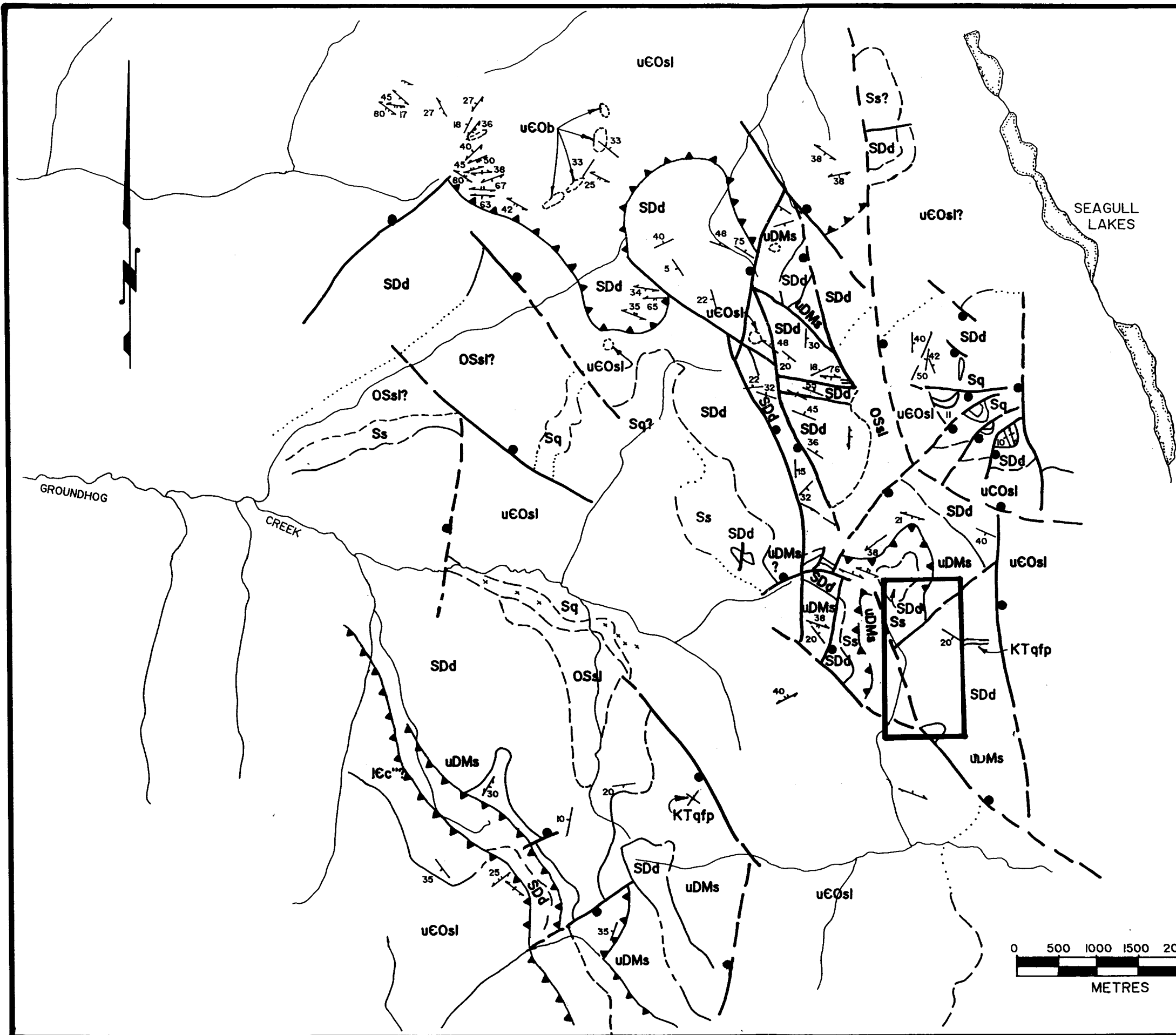
The oldest rocks consist of Lower Cambrian limestones overlain by Cambrian to Ordovician phyllites and volcanoclastics. The limestones are often interbedded with calcareous argillite and siltstone. Silurian and Lower Devonian dolostones lie in thick resistant units in thrust or normal fault contact with older rock units. Upper Devonian to Mississippian slates, chert grits and chert conglomerates constitute the youngest rocks in the area.

Late Cretaceous to Tertiary dyke systems and quartz events intrude the rock package. The quartz events can be tied to deformational activity and are locally mineralized.

Figure 4 shows the regional geology.

STRUCTURE

The region features northwesterly trending thrust and normal faults that parallel the Tintina Fault to the northeast. Numerous smaller northeasterly trending faults break the rock packages into blocks. The area was most recently described by Grant Abbott of D.I.A.N.D. in Yukon Geology, Volume 1 (1986); he suggests that sedimentary rocks in the Groundhog-Seagull Creek district are domed and deformed about a buried intrusive centre (Seagull Uplift), similar to the Ketza Uplift on the Ketza River.



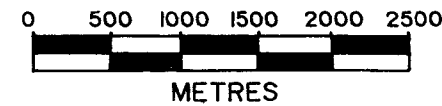
LEGEND

- CRETACEOUS AND (?)EARLY TERTIARY**
- KTqfp Dark green, fine grained biotite-bearing mafic dikes. Minor quartz feldspar porphyry.
 - Kg Homogenous, medium grained, biotite quartz monzonite.
- LATE DEVONIAN AND MISSISSIPPIAN**
- Mv Undifferentiated felsic and mafic volcanics, hornblende syenite and black shale.
 - uDMs Black shale, chert grit, and chert conglomerate.
- SILURIAN, EARLY AND MIDDLE DEVONIAN**
- SDd Buff, grey, and red weathering dolomite, with lenses of massive quartz arenite.
 - Ss Grey weathering platy, thinly laminated dolomitic siltstone.
 - Sq Massive grey weathering quartz arenite.
- ORDOVICIAN AND SILURIAN**
- OSsl Black, graptolitic shale, minor chert.
- LATE CAMBRIAN AND EARLY ORDOVICIAN**
- uEOsl Grey-buff weathering thinly laminated calcareous phyllite, tuffaceous phyllite, with some mafic tuffs, and flows.
 - uEOb Resistant dark green mafic flow or sill.
- EARLY CAMBRIAN**
- ICcsl Grey weathering calcareous mica schist and marble.

- Geological contact: defined, approx., assumed.....
- Bedding: inclined, vertical.....
- Foliation: phase 2, phase 1, inclined, vertical.....
- Steep dipping fault: sense of movement unknown: defined approx.....
- Normal fault: defined, approx.....
- Thrust fault: defined, approx.....

GEOLOGY FROM J.G. ABBOTT, YUKON GEOLOGY VOL. I

092091		
WHISTLER 1-8 CLAIMS GEOLOGY		
SEAGULL CREEK, YUKON TERRITORY		
N.T.S.: 105 F/10	TECH.: G.D.	DATE: DEC., 1987
SCALE: 1 : 50,000	DRAFTING: INTEGRAPHICS LTD.	FIGURE: 4



EXPLORATION HISTORY

In the Groundhog Creek-Seagull Lake area, documented exploration started in the mid-1950s when the British-Yukon Exploration Company conducted several seasons of prospecting. Harry and Pete Versluce, on behalf of British-Yukon Exploration Limited, staked the TET claim group in 1956 over galena veins located 2 km north of the present WHISTLER group. The claims were restaked several times by Versluce with the BEN and AG claims being vended to Canol Mines Limited. Canol Mines acquired 56 claims on the divide between Groundhog and Seagull Creeks in 1966. By 1969, the Canol Mines property consisted of 521 claims. Numerous Ag-Pb-Zn veins and lenses were located and tested in trenching and diamond drill programs; however, most of the sulphide occurrences proved to be of limited size and grade. The No. 1 vein (Silver Arrow), with reported reserves of 2558 tonnes grading 22.3 oz/t Ag and 42.5% Pb, was high-graded in the late 1970s by Silver Arrow Syndicate.

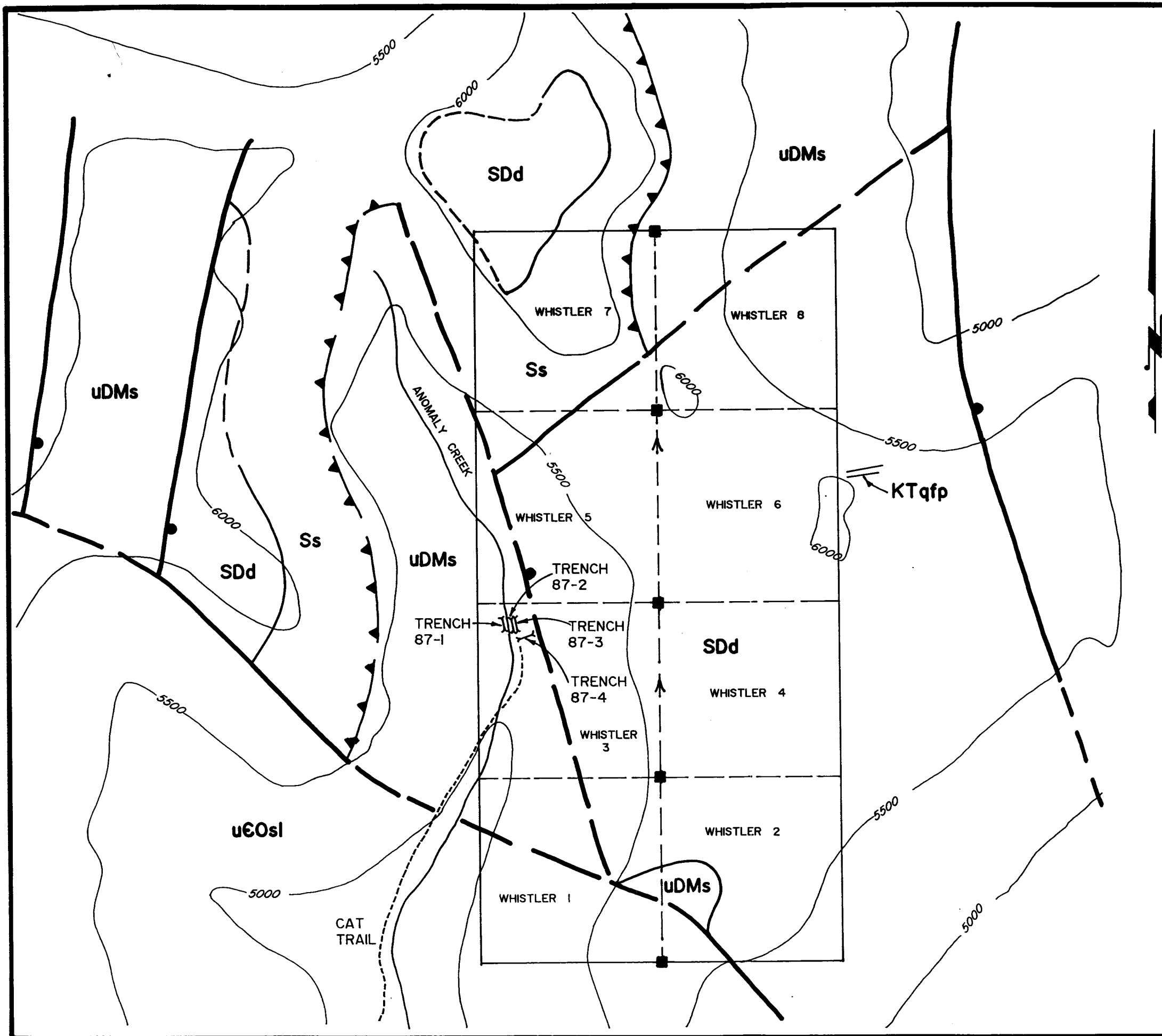
Noranda Exploration Co. Ltd. optioned the H claim group from Canol Mines and staked the adjoining PEAK 1-37 claims in the late 1970s. The southwest corner of the old PEAK claim block covers most of the WHISTLER group. Noranda conducted geochemical and geophysical surveys which outlined northwest trending Ag-Pb anomalies primarily on the H claims. Diamond drilling on the H 1-2 claims (2 km northeast of the WHISTLER claims) intersected a weakly mineralized structure which recorded subeconomic gold and silver values. In 1983, on the area presently covered by the WHISTLER claims, prospectors located an arsenopyrite-pyrite-quartz vein near Anomaly Creek. This vein was tested in the limited trenching program described in the following section.

EXPLORATION PROGRAM

Several reconnaissance mapping and prospecting traverses on the WHISTLER claims examined geochemical and geophysical anomalies defined by Noranda, and relocated the arsenopyrite-pyrite-quartz showing. A 5 km cat road was pushed onto the WHISTLER property from the adjoining HV property, and a short trenching program was undertaken on and around the mineralized quartz vein.

Figure 5 shows the locations of the four bulldozer trenches excavated on the WHISTLER #3 claim. Figures 6 and 7 show the individual trench plans.

The cat trenches uncover phyllitic shale and phyllite containing arsenopyrite-pyrite-quartz veins and limonite veins up to 1.5 m wide. Table I contains values and descriptions of rock samples collected from the trenches. Table II presents trench dimensions.



LEGEND

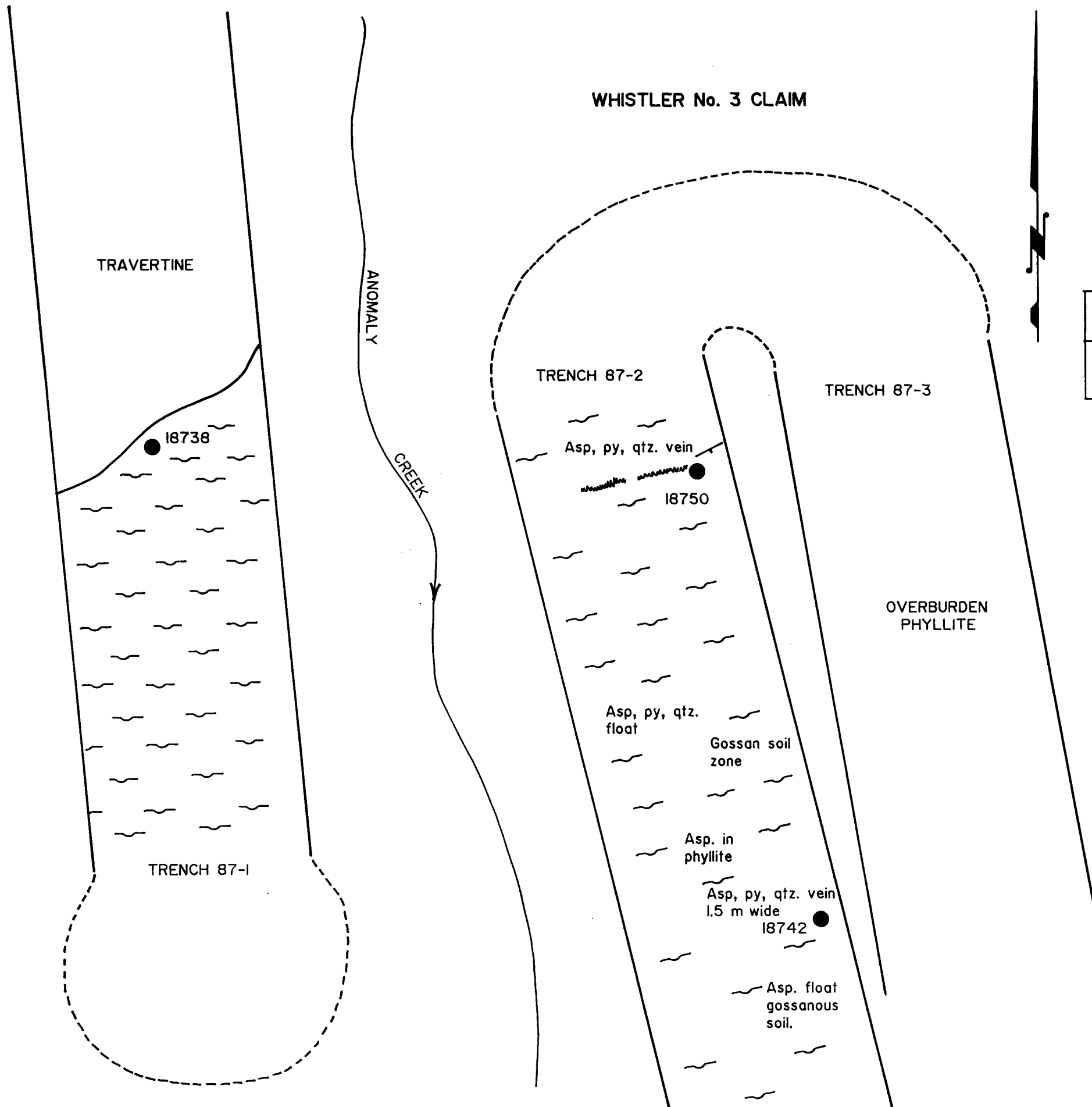
- CRETACEOUS AND (?)EARLY TERTIARY**
 KTqfp Dark green, fine grained biotite-bearing mafic dikes. Minor quartz feldspar porphyry.
- LATE DEVONIAN AND MISSISSIPPIAN**
 uDMs Black shale, chert grit, and chert conglomerate.
- SILURIAN, EARLY AND MIDDLE DEVONIAN**
 SDd Buff, grey, and red weathering dolomite with lenses of massive quartz arenite.
 Ss Grey weathering platy, thinly laminated dolomitic siltstone.
- LATE CAMBRIAN AND EARLY ORDOVICIAN**
 uCOsl Grey-buff weathering thinly laminated calcareous phyllite, tuffaceous phyllite, with some mafic tuffs, and flows.

- Geological contact: defined, approx., assumed.....
- Bedding: inclined, vertical.....
- Steep dipping fault: sense of movement
 unknown: defined approx.....
- Normal fault: defined, approx.....
- Thrust fault: defined, approx.....
- Bulldozed trench.....

GEOLOGY FROM J.G. ABBOTT, YUKON GEOLOGY VOL. I

092091		
WHISTLER 1-8 CLAIMS PROPERTY PLAN & GEOLOGY		
SEAGULL CREEK, YUKON TERRITORY		
N.T.S.: 105 F/10	TECH.: G.D.	DATE: JAN., 1968
SCALE: 1 : 10,000	DRAFTING: INTEGRAPHICS LTD.	FIGURE: 5

WHISTLER No. 3 CLAIM



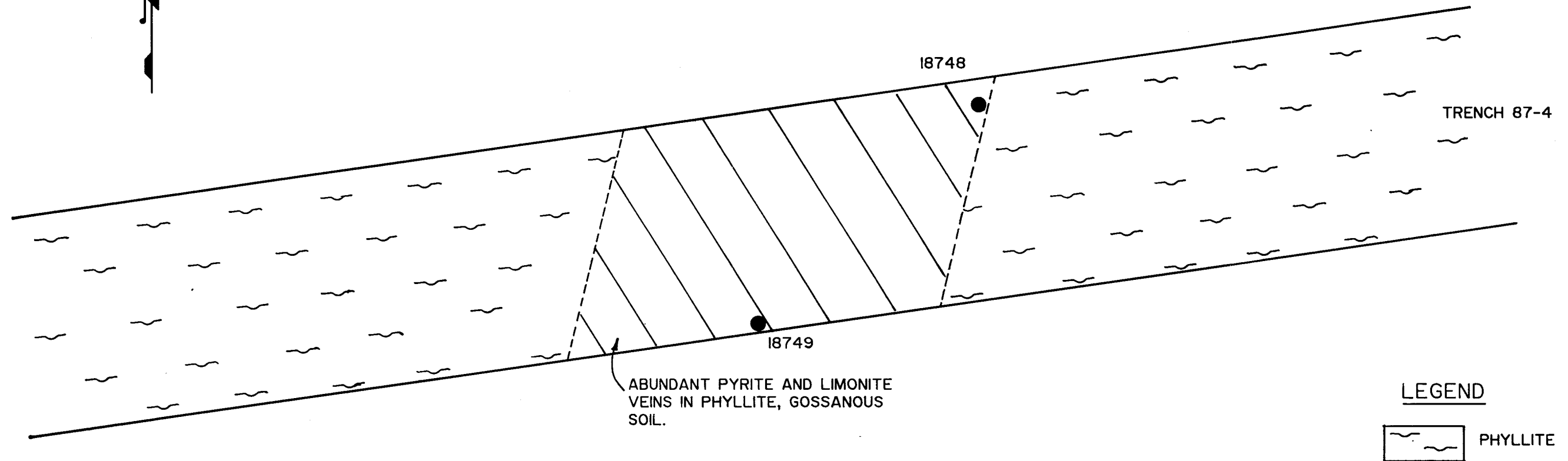
SAMPLE NUMBER	WIDTH (cm)	Au (oz./ton)	Ag (oz./ton)	%Pb.
18738	grab	.010	.73	.41
18742	1.5 m grab	.001	.93	.77
18750	1.5 m grab	.014	.76	.17

LEGEND



092091		
WHISTLER 1-8 CLAIMS		
TRENCH PLAN		
SEAGULL CREEK, YUKON TERRITORY		
N.T.S.: 105 F/10	TECH.: R.W.	DATE: JAN., 1988
SCALE: 1 : 100	DRAFTING: INTEGRAPHICS LTD.	FIGURE: 6

WHISTLER No. 3 CLAIM



LEGEND

 PHYLLITE

SAMPLE NUMBER	WIDTH (cm)	Au. (oz./ton)	Ag. (oz./ton)	%Pb
18748	grab	.021	5.54	2.27
18749	grab	.001	3.56	2.59

092091		
WHISTLER 1-8 CLAIMS TRENCH PLAN		
SEAGULL CREEK, YUKON TERRITORY.		
N.T.S.: 105 F/10	TECH.: R.W.	DATE: JAN., 1988
SCALE: 1 : 100	DRAFTING: INTEGRAPHICS LTD.	FIGURE: 7

TABLE I - ROCK SAMPLE VALUES AND DESCRIPTIONS

Sample No.	Sample Type	Location	Description	Au (oz/ton)	Ag (oz/ton)	Pb (%)	Zn (%)
18738	grab	WHISTLER #3 claim	Massive pyrite and arsenopyrite, some quartz in phyllitic shale near travertine occurrence.	0.010	0.73	0.41	
18742	1.5 m grab	WHISTLER #3 claim	Arsenopyrite, pyrite, quartz vein in phyllite.	0.001	0.93	0.77	
18748	grab	WHISTLER #3 claim, trench #4	Massive arsenopyrite, some quartz and pyrite.	0.021	5.54	2.27	
18749	grab	WHISTLER #3 claim, trench #4	Pyrite stringers in phyllite, some quartz veins.	>0.001	3.56	2.59	
18750	1.5 m grab	WHISTLER #3 claim	Massive arsenopyrite-quartz vein.	0.014	0.76	0.17	

TABLE II
TRENCH DIMENSIONS

<u>Trench No.</u>	<u>Width (m)</u>	<u>Length (m)</u>	<u>Depth (m)</u>	<u>Volume (m³)</u>
87-1	5	20	1.25	125.0
87-2	5	17	1.50	127.5
87-3	5	15	1.00	75.0
87-4	5	32	1.25	200.0

DISCUSSION AND RECOMMENDATIONS

Gold values up to 0.021 oz/t and silver values up to 5.54 oz/t were obtained from trench samples in phyllitic rocks. These values are relatively low; however, the presence of travertine in Trench 87-1 indicates that hydrothermal processes took place in the area. Also, the WHISTLER claims lie near the centre of the Seagull Uplift in a similar geological environment to the Ketz River gold deposit located 30 km to the east. At the Ketz Mine, auriferous sulphide and oxide mantos occur in Lower Cambrian limestones on strong northwesterly trending faults proximal to a buried intrusive body.

Most of the WHISTLER claims are underlain by Silurno-Devonian dolomite which, to the north and west, host numerous Ag-Pb bearing vein-faults on the HV property. There is strong potential for locating similar mineralized fault zones on the WHISTLER claims.

Noranda outlined several Ag-Pb-Zn geochemical anomalies on sections of the PICK claims which are now covered by the WHISTLER property. These anomalies should be located and investigated. An initial exploration program consisting of geological mapping, geochemical and magnetometer surveys and grid development is recommended for the WHISTLER claims. If significant anomalies are located, a program of cat trenching should be undertaken.

CERTIFICATE

I, **GRAHAM DAVIDSON**, of the City of Whitehorse in the Yukon Territory, HEREBY CERTIFY:

THAT I am a consulting geologist AND THAT I reviewed the work program described in this report;

THAT I am a graduate of the University of Western Ontario (H.B.Sc., Geology, 1981);

THAT I am registered as a Professional Geologist by the Association of Professional Engineers, Geologists and Geophysicists of Alberta (No. 42308);

THAT I have been engaged in mineral exploration on a full and part time basis for nine years, of which seven have been spent in the Yukon, British Columbia and the Northwest Territories.

SIGNED at Whitehorse, Yukon, this 19th day of January, 1988.

G. S. Davidson, P.Geol.



REFERENCES

- Abbott, J. G., 1986: Epigenetic Mineral Deposits of the Ketzá-Seagull District, Yukon; in Yukon Geology, Vol. 1, DIAND, pp 56-66.
- Cathro, R. J., 1983: Summary Report on Seagull Creek Property for Shakwak Exploration Co. Ltd.
- Davidson, G. S., 1986: Geological Evaluation Report on the HV Property, for Yukon Minerals Corporation.
- Dolmage, Campbell & Associates, 1968: Summary Report on the Seagull Lake Properties, for Canol Mines Ltd.
- Dolmage, Campbell & Associates, 1969: Summary Report on the Seagull Lake Property of Canol Mines Ltd.
- Eccles, L. K., 1982: Geochemical Report on the Lorne Claims, for Great Western Petroleum Corporation.
- Canol Mines Ltd., 1967: Prospectus and assorted Annual Reports and News Releases.
- Noranda Exploration Co. Ltd., 1976-1980: Various Reports on the Peak and H Claims.

STATEMENT OF COSTS

For the period 18 - 22 July, 1987

Equipment (Ampex Mining):

D7E bulldozer: 41.5 hours @ \$100/hour	\$4,150
Diesel fuel	570
TOTAL COSTS	<u>\$4,720</u>

A P P E N D I X

CERTIFICATES OF ANALYSIS

092091



Member
Canadian Testing
Association

KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5

PHONE (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Yukon Minerals Corp.
510 Elliott Street
Whitehorse, Yukon Y1A 2A5

Certificate No. K 8149

Date July 30, 1987

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag	Pb						
		ozs/ton	ozs/ton	percent						
1	18709			-						
2	18737			-						
3	18738	.010	.73	.41						
4	18739	-		-						
5	18740	-		-						
6	18741	-		-						
7	18742	.001	.93	.77						

L means "less than"

092091

NOTE:
Rejects retained three weeks
Pulps retained three months
unless otherwise arranged

David A. Blumell

Registered Assayer - British Columbia



KAMLOOPS RESEARCH & ASSAY LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5

PHONE: (604) 372-2784 — TELEX: 048-8320

CERTIFICATE OF ASSAY

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

TO Yukon Minerals Corporations
510 Elliott Street
Whitehorse, Yukon Y1A 2A5

Certificate No. K 8175

Date August 13, 1987

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No	Marked	Au	Ag	Pb				
		ozs/ton	ozs/ton	percent				
1	18743			-				
2	18744	-						
3	18745							
4	18746	-						
5	18747	-						
6	18748	.021	5.54	2.27				
7	18749	L.001	3.56	2.59				
8	18750	.014	.76	.17				

L means "less than"

092091

NOTE:
Rejects retained three weeks.
Pulps retained three months.

Steve A. Blumell