

MAP NO.: 115 A 13
ASSESSMENT REPORT X
PROSPECTUS X
CONFIDENTIAL X
OPEN FILE

DOCUMENT NO: 092589
MINING DISTRICT: Whitehorse
TYPE OF WORK: Geochemical

REPORT FILED UNDER: R. Stack

DATE PERFORMED: June 1987

DATE FILED: 7 November 1988

LOCATION: LAT.: 61 00'N

AREA: Mt. Decoeli

LONG.: 137 36'W

VALUE \$: 500.00

CLAIM NAME & NO.: ELLEN 1-5 (YA97362-YA97366)

WORK DONE BY: G.S. Davidson

WORK DONE FOR: R. Stack

DATE TO GOOD STANDING:

REMARKS: #22 ELGIN The ELLEN claims cover chalcopyrite-bearing andesite and schist drilled by Canadian Barranca Mines Ltd in 1966 and 1969. Values of up to 3.15% Cu were reported at the time. In 1987, two andesite samples were collected from pits by G. Harris and R. Stack. Values of 2.09 and 2.67% Cu were obtained.



092589

M.R. file no.
R.M.M.R. file no.
Date forwarded 7 Nov 1988

TRANSMITTAL FORM

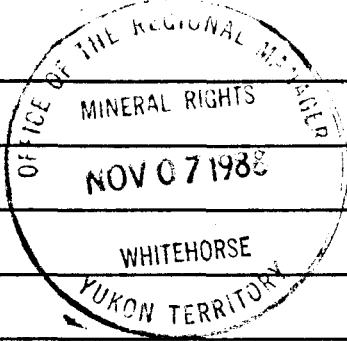
From Mining Recorder at:

To Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

<input type="checkbox"/> NEW APPLICATION FOR PLACER LEASE TO PROSPECT	Name	
<input type="checkbox"/> RENEWAL APPLICATION PLACER LEASE TO PROSPECT	Name	Lease no.
<input type="checkbox"/> AFFIDAVIT OF EXPENDITURE ON PLACER LEASE	Name	Lease no.
<input type="checkbox"/> SECURITY DEPOSIT		
<input type="checkbox"/> FINANCIAL ABILITY		
<input type="checkbox"/> ASSIGNMENT OF PLACER LEASE NO.	From	To
<input type="checkbox"/> GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT.	Owner	
<input type="checkbox"/> DIAMOND DRILL LOGS	Claims	Claim sheet no.
<input checked="" type="checkbox"/> QUARTZ ASSESSMENT REPORT	Claims	Claim sheet no.
	Type of report	Submitted by
	Cls. work performed on	\$ req. for ren. application

Signature



Date returned 22 Nov. 88

REPLY ACTION

Approved for amount required

Signature

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ASSESSMENT REPORT

on the

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ELLEN 1-5 CLAIMS
(YA97362-YA97366)
NTS 115 A-13
Lat. 61 00'N Long. 137 36'W
Whitehorse Mining District

FOR: R. STACK
Whitehorse, Yukon



BY

G.S. DAVIDSON, P. Geol.

October, 1988

092589

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 \$ 500.00.

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

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INTRODUCTION

The Ellen claims cover copper mineralization in andesite and schist at the north end of Mt. Decoeli near Haines Junction, Yukon. Canadian Barranca Mines Ltd. completed 7 diamond drill holes on the property in the late 1960's. They report copper values of 3.15% over 5.2 m and 2.20% over 6.4 m in two of the drill holes.

R. Stack of Whitehorse staked the Ellen 1-5 claims in May, 1987. G. Harris and R. Stack prospected and sampled the showings in June, 1987. This report describes the results of their brief prospecting venture. The writer examined the showing in 1983 during a reconnaissance exploration program in the Kluane Ranges.

LOCATION AND ACCESS

The Ellen claims are located 27 km northwest of Haines Junction in the western Yukon Territory. The property is situated 8 km west of the Alaska Highway and is accessible via gravel road which leaves the Alaska Highway approximately 1 km north of the Jarvis River bridge. This road follows the Jarvis River to placer workings on Kimberley Creek. An old road connects the Ellen claims to the gravel road 3.5 km south of the Alaska Highway. The property location is shown in Figure 1.

PHYSIOGRAPHY, CLIMATE, VEGETATION

The claims lie south of a small tributary of the Jarvis River at the northern end of Mt. Decoeli in the Kluane Range. Elevations average 1200 m a.s.l.. The copper showings are located in a narrow steep sided valley which is cut by an old cat trail.

The Haines Junction area has a northern interior climate strongly influenced by the St. Elias Mountains. The area is known for high winds which constantly blow from the mountains into the Shakwak Valley. Winter temperatures average -20 C while summers are cool and last from June to September. The exploration season lasts from mid-May to early October.

Vegetation consists of spruce and poplar forest with moderate to thick ground cover.

Yukon Territory
 Area: 478,034 sq. km.
 Population: 25,000
 Capital: Whitehorse

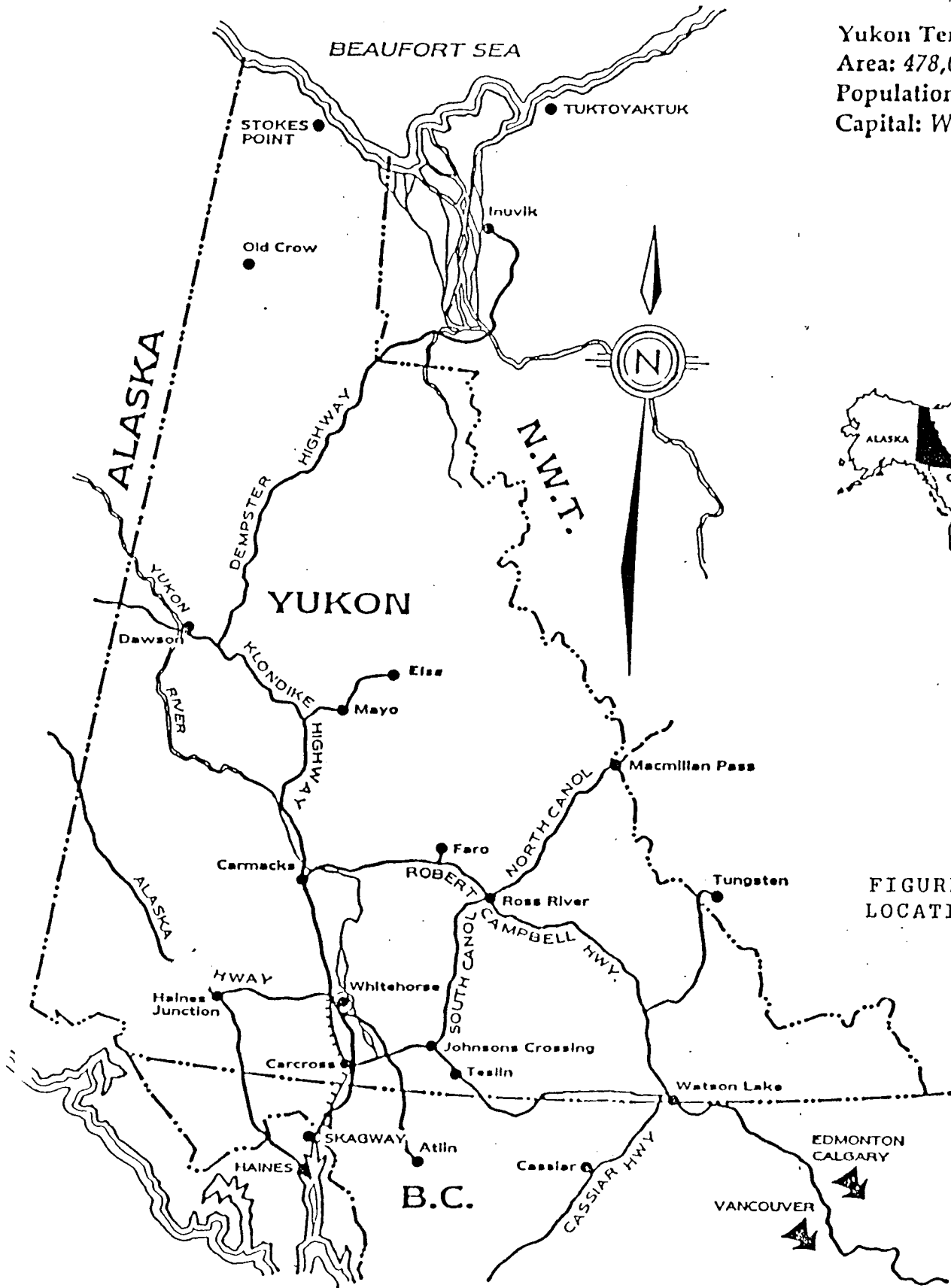


FIGURE 1
 LOCATION MAP

EDMONTON
 CALGARY
 VANCOUVER

PROPERTY

The property consists of 5 mineral claims registered with the district mining recorder in Whitehorse. Figure 2 shows the claim plan and Table 1 lists property data.

TABLE 1
CLAIM DATA

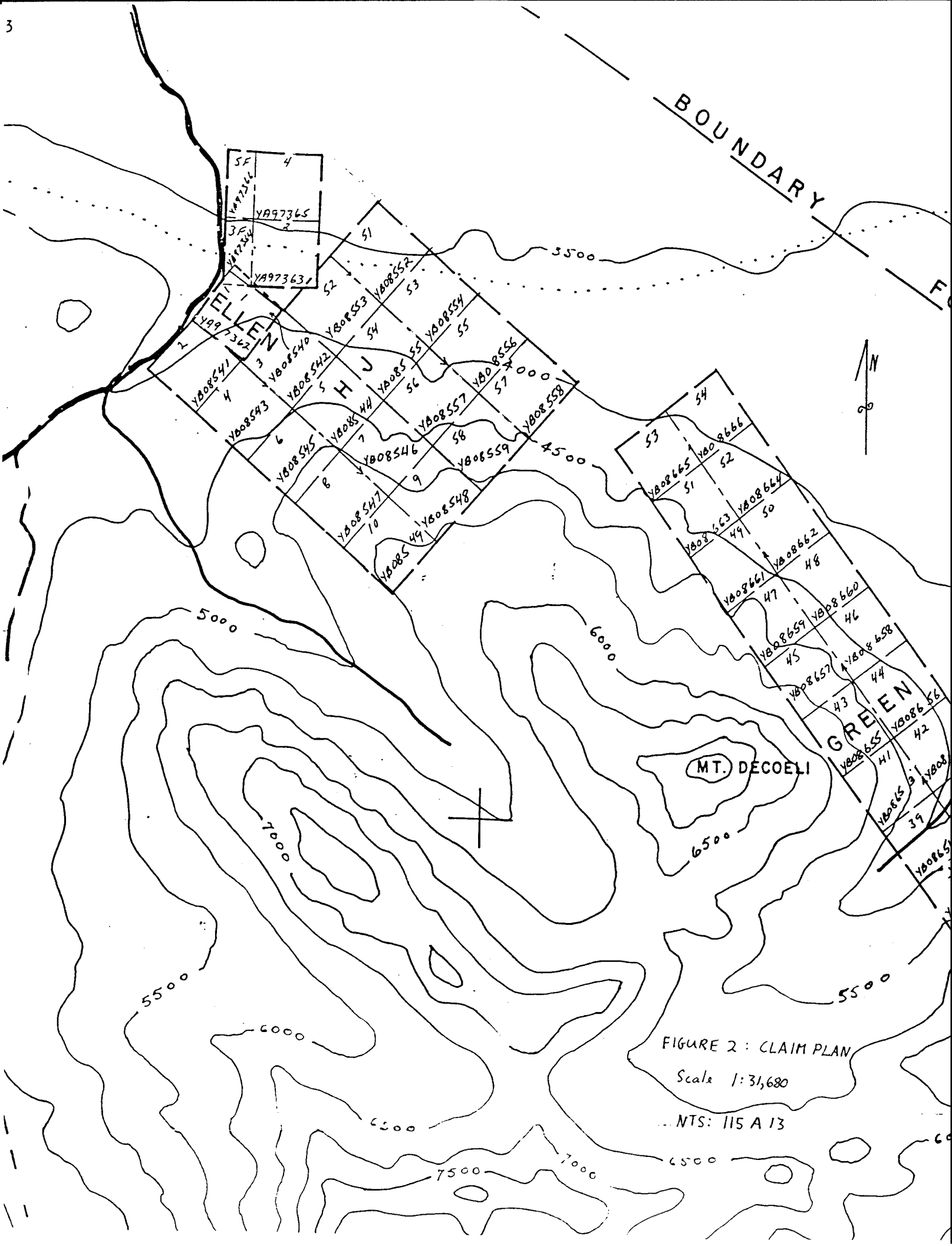
Claim Name	Record Number	Expiry Date (applied for)
Ellen 1	YA97362	May 14, 1989
Ellen 2	YA97363	May 14, 1989
Ellen 3 Fraction	YA97364	May 14, 1989
Ellen 4	YA97365	May 14, 1989
Ellen 5 Fraction	YA97366	May 14, 1989

HISTORY

The Kluane Ranges were first explored around 1900 by prospectors travelling between coastal and central Alaska through the Shakwak valley. Placer mining was active along the front range from Dalton Post to Silver City in the 1920's and 1930's.

In the 1950's the Kluane Ranges were explored for copper-nickel sulphide mineralization. Deposits were outlined on the Wellgreen and Canalsk properties. The higher grade Wellgreen deposit was mined from 1972-1973.

In the area of the Ellen claims Canadian Barranca Mines Ltd. held the M and MC claims from 1966 until the early 1970's. Three diamond drill holes in 1966 and four more in 1969 were drilled into chalcopyrite bearing andesite and schist. Also, several deep pits were excavated on the mineralization. The highest copper values were recorded in Hole MC-1 from 59-76ft at 3.15%.



BOUNDARY

SF 4
 YA97365
 YA97363

ELLEN

H J

GREEN

MT. DECOELI

FIGURE 2: CLAIM PLAN

Scale 1:31,680

NTS: I15 A 13

REGIONAL GEOLOGY

The Mt. Decoeli area lies east of the Denali Fault system, the structural division between the Coast Plutonic Belt and Wrangell Terrane in the Kluane Ranges. The area is underlain by Paleozoic and/or Mesozoic greenstone, greenschist, minor argillite, and greywacke unconformably overlain by the Upper Jurassic to Lower Cretaceous Dezadeash Group. The geology of the district was released in Open File #831 by the G.S.C.. Figure 3 shows the regional geology.

The property is underlain by phyllites of the Dezadeash Group in contact with andesite and mafic intrusive rocks. Drill logs report pyrite and chalcopyrite in sheared andesite and intercalated peridotite. They also report weakly mineralized sections of talc and graphitic schist, and gneiss.

EXPLORATION PROGRAM

G. Harris and R. Stack prospected the claims in June, 1987. They collected two rock samples from pits beside the old cat road. Sample locations are shown in Figure 4. Both samples consisted of andesite containing approximately 5% chalcopyrite. The following results were obtained.

Sample Number	Type	Pt ppb	Pd ppb	Au ppb	Cu %	Ni ppm	Co ppm	Cr ppm
9007	grab	<15	20	15	2.09	59	55	222
9013	grab	30	15	70	2.67	48	43	423

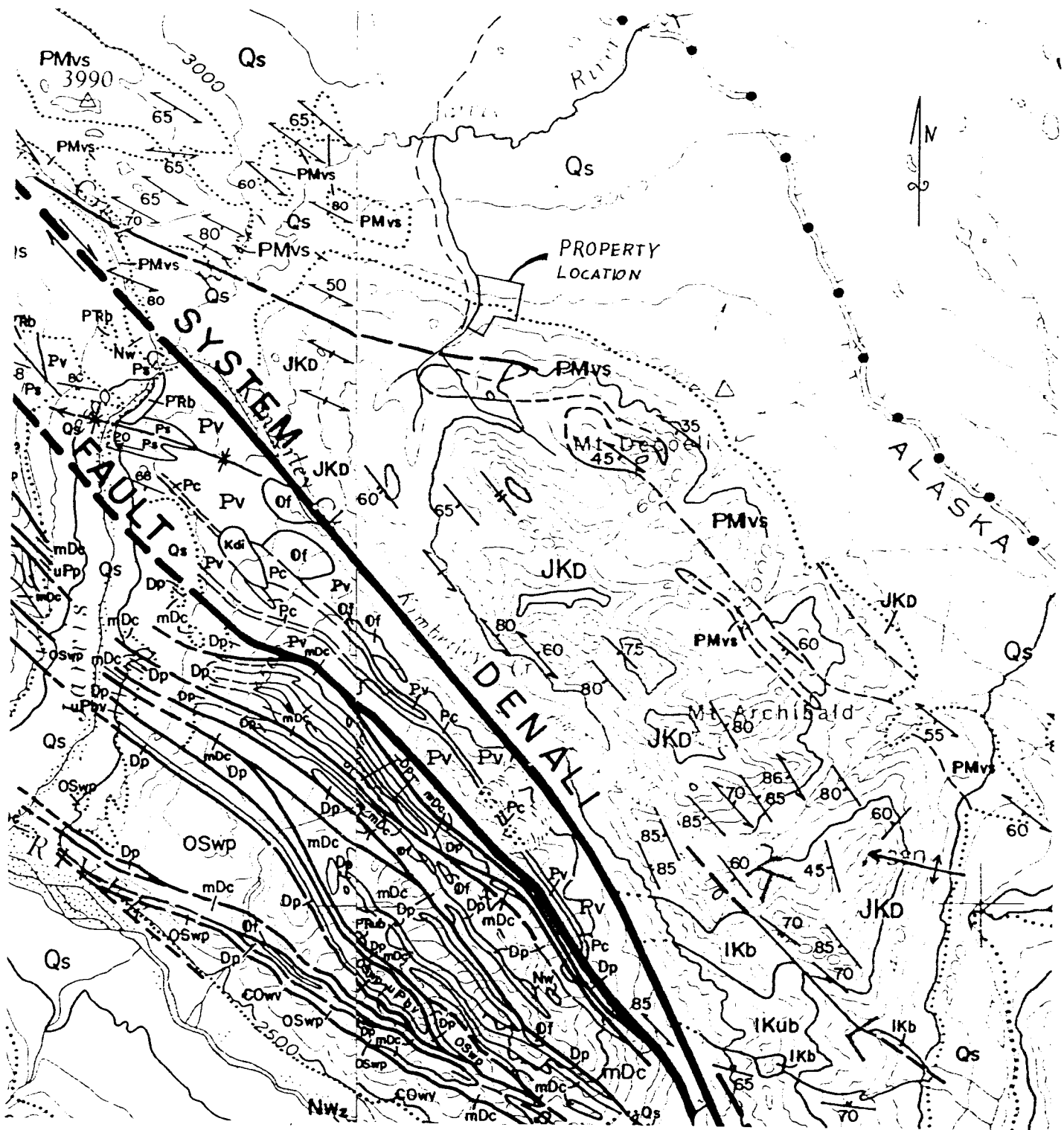


Figure 3 - Regional Geology
1:125000 - 115-A

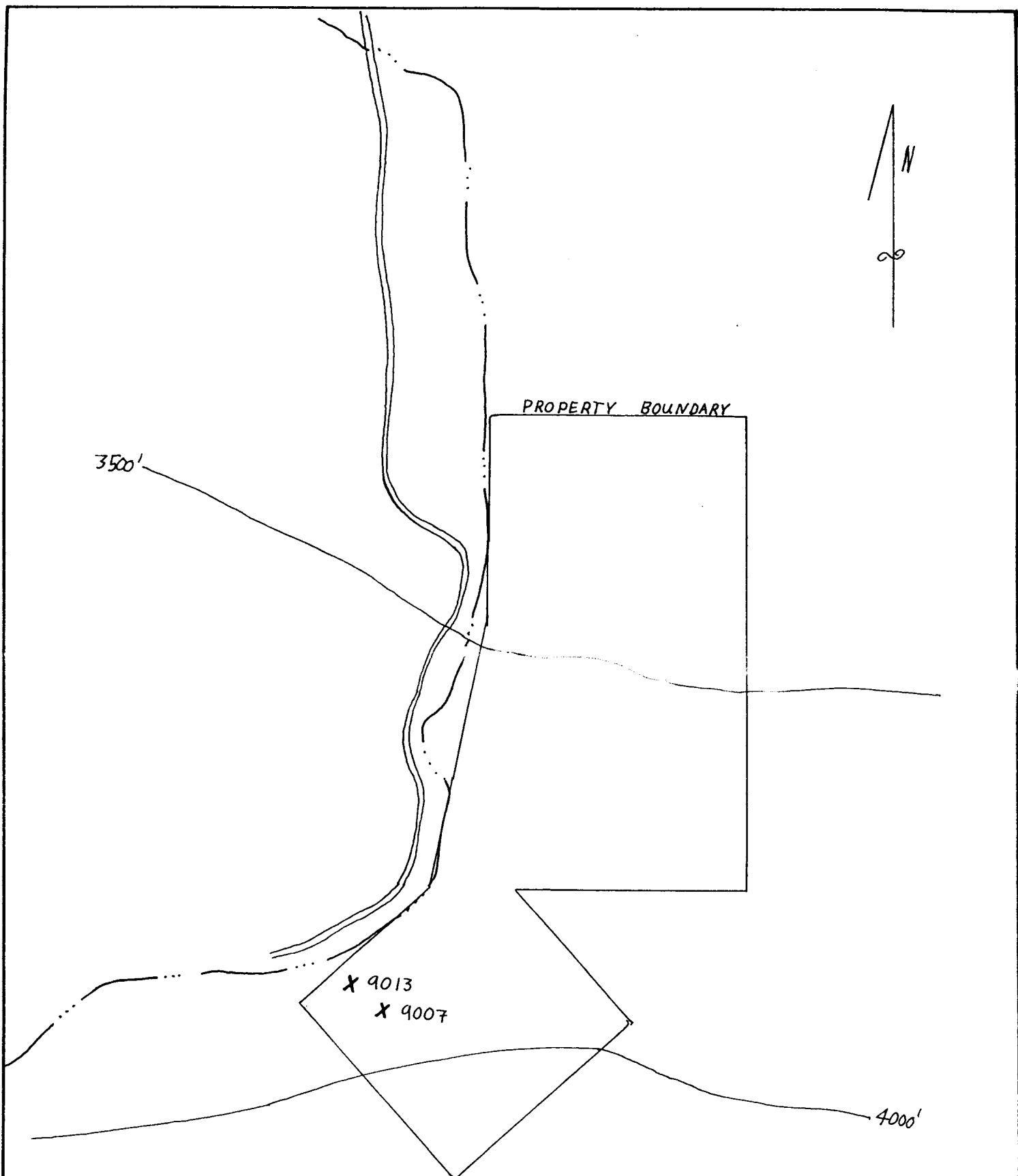
LEGEND

Upper Jurassic to Lower Cretaceous

JKD DEZADEASH GROUP; greywacke, sandstone, siltstone, shale argillite and conglomerate

Paleozoic and/or Mesozoic

PMvs greenstone, greenschist, minor argillite and greywacke



SAMPLE NUMBER	Pt ppb	Pd ppb	Au ppb	Cu %
9007	<15	20	15	2.09
9013	30	15	70	2.67

Fig. 4

SAMPLE LOCATIONS AND VALUES

SCALE 1:10,000

DISCUSSION AND RECOMMENDATIONS

Canadian Barranca Mines Ltd. intersected copper mineralization over significant widths in drill holes. This mineralization was not assayed for gold or PGE content. Sample 9013 collected by G. Harris contained weakly anomalous values in Au and Pt.

Advanced exploration programs are underway on similar copper-nickel showings in the Kluane Ranges. Large zones of low grade mineralization are being outlined on the Wellgreen property.

The Ellen claims deserve a more thorough reevaluation to assess potential precious metal bearing sulphide zones. The following program is proposed:

Geological mapping	\$ 2,000
Grid development	2,500
Geophysical surveys	4,500
Prospecting	1,250
Geochemistry 250 samples	4,500
Camp and support	2,750
Report and assessment	2,500
Contingency	2,000
TOTAL	\$22,000

CERTIFICATE

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

1. That I am a consulting geologist and that I reviewed the work program described in this report.
2. That I am a graduate of the University of Western Ontario (H.B.Sc., Geology, 1981).
3. That I am registered as a Professional Geologist by the Association of Professional Engineers, Geologists and Geophysicists of Alberta (#42038).
4. That I have been engaged in mineral exploration on a full time basis for seven years in the Yukon, Northwest Territories and British Columbia.

SIGNED at Whitehorse, Yukon this 31 day of October, 1989.



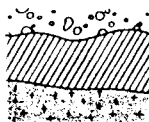
G.S. DAVIDSON, P.Geol.

STATEMENT OF COSTS

Personnel:	G. Harris prospector 1 day	\$ 200
	R. Stack prospector 1 day	200
	Geochemical analysis, Bondar-Clegg	37
	Report, preparation, printing	500
	TOTAL COSTS	\$937

REFERENCES

- Antoniuk, T., 1967: Report on the Micro Nickel Project
- Baird, J.G., 1969: Report on a Magnetometer Survey, Haines Junction Area for Canadian Barranca Mines Ltd.
- Campbell, S.W., 1976: Open File 1976-10, Nickel-Copper Sulphide Deposits in the Kluane Ranges, Y.T.
- Canadian Barranca Mines Ltd., 1966-1969 Drill Logs
- Open File #829, 1984: G.S.C., Geology of the 115 G Map Sheet
- Hulbert, L.J. et. al., 1988: Geological Environments of the Platinum Group Elements

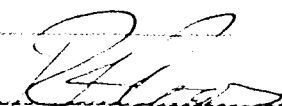


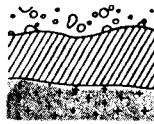
REPORT: 627-8672

PROJECT: KLUANE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PCT
R2 9001	Green-2 13-14	4.12
R2 9004	" 3-4	28.70
R2 9007	Ellen	2.09
R2 9013	Ellen	2.67


Registered Assayer, Province of British Columbia



REPORT: 127-8672

PROJECT: KLUANE

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pt PPB	Pd PPB	Au PPB	Cu PPM	Ni PPM	Co PPM	Ag PPM	Cr PPM
R2 9001	<i>Sup</i>	15	15	90	>20000	7	7		28
R2 9002	<i>g. mine sulphate possible</i>	<15	8	15	610	9	2		144
R2 9003		<15	10	45	15000	60	13		130
R2 9004		<15	15	130	>20000	315	200		686
R2 9005		<i>Kan</i>	20	15	50	1000	51	36	
R2 9006	<i>Kan</i>	25	15	<5	950	102	27		114
R2 9007		<15	20	15	>20000	59	55		222
R2 9008		<15	20	220	1150	140	56		494
R2 9009		<15	10	<5	460	128	11	11.0	50
R2 9010		400	620	220	7400	72	11		51
R2 9011	<i>Sup</i>	<15	50	20	1500	120	32		40
R2 9012	<i>Handy</i>	25	10	<5	136	14	3		92
R2 9013		30	15	70	>20000	48	43		423
R2 9014	<i>W.R.</i>	20	20	10	640	44	41		43
R2 5001		25	8	<5	230	65	28		48
R2 5002	<i>from</i>	20	15	<5	205	316	30		553
R2 5003	<i>h. wall</i>	45	40	<5	220	58	38		48
R2 5004		<15	10	<5	78	50	10		108
R2 5005		<15	20	<5	196	77	27		53
R2 5006		<15	8	<5	34	960	50		1885