

MAP NO.: ASSESSMENT REPORT X  
105 B 4 PROSPECTUS  
CONFIDENTIAL  
OPEN FILE

DOCUMENT NO: 092936  
MINING DISTRICT: WATSON LAKE  
TYPE OF WORK: TRENCHING

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REPORT FILED UNDER: J.C. STEPHEN EXPLORATIONS LIMITED

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DATE PERFORMED: JULY, 1981

DATE FILED: MARCH 1, 1982

LOCATION: LAT.: 60°13'N

AREA: WOLF LAKE

LONG.: 131°31'W

VALUE \$: N/A

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CLAIM NAME & NO.: CAN 13-22

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WORK DONE BY: J.C. STEPHEN

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WORK DONE FOR: D.C SYNDICATE

---

DATE TO GOOD STANDING:


REMARKS: Trenching was done on the property to investigate a tin tungsten, copper and silver magnetite skarn.




M.R. file no
R.M.R. file no
Date forwarded <b>07 JAN 1991</b>

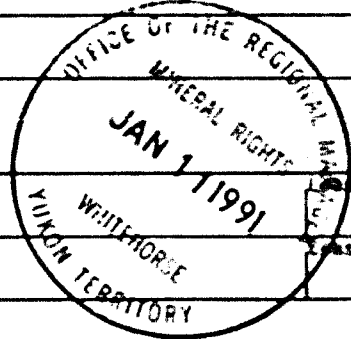
### TRANSMITTAL FORM

From Mining Recorder at: **WATSON LAKE**

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	
<input type="checkbox"/> AFFIDAVIT OF EXPENDITURE ON PLACER LEASE	Name	
<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 <b>CAN 13-22</b>	Claim sheet no. <b>105-B-04</b>
For Numbering Only Please return this copy	Type of report <b>TRENCHING</b>	Submitted by <b>J.C. Skolus Exploration Ltd.</b>
	Clas. work performed on	req. for ren. application
	 Signature	



REPLY ACTION

Date returned

**092936**

Signature



REPORT ON TRENCHING

on the

CAN 13 - 22, YA 21345 - 354

MINERAL CLAIMS

092936

N.T.S. 105 B/4

LATITUDE: 60° 13'N

LONGITUDE: 131° 31'W

WATSON LAKE MINING DISTRICT

YUKON

by

J.C. STEPHEN

Work Done: July 17, July 29, 30 1981

By: J.C. STEPHEN EXPLORATION LTD.

Funded By: D.C. SYNDICATE

November, 1981

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REPORT ON TRENCHING  
on the  
CAH 13 - 22 MINERAL CLAIMS

Summary and Conclusions

Grid lines were re-established over a portion of the skarn bearing horizon and magnetometer readings were taken to locate the skarn position below shallow overburden. Further prospecting was done in the vicinity without locating additional mineralization.

Trenching was done in overburden and rock by McCrory Holdings (Yukon) Ltd. These trenches were sampled and assayed for tin tungsten, copper and silver. Values of moderate grade were obtained.

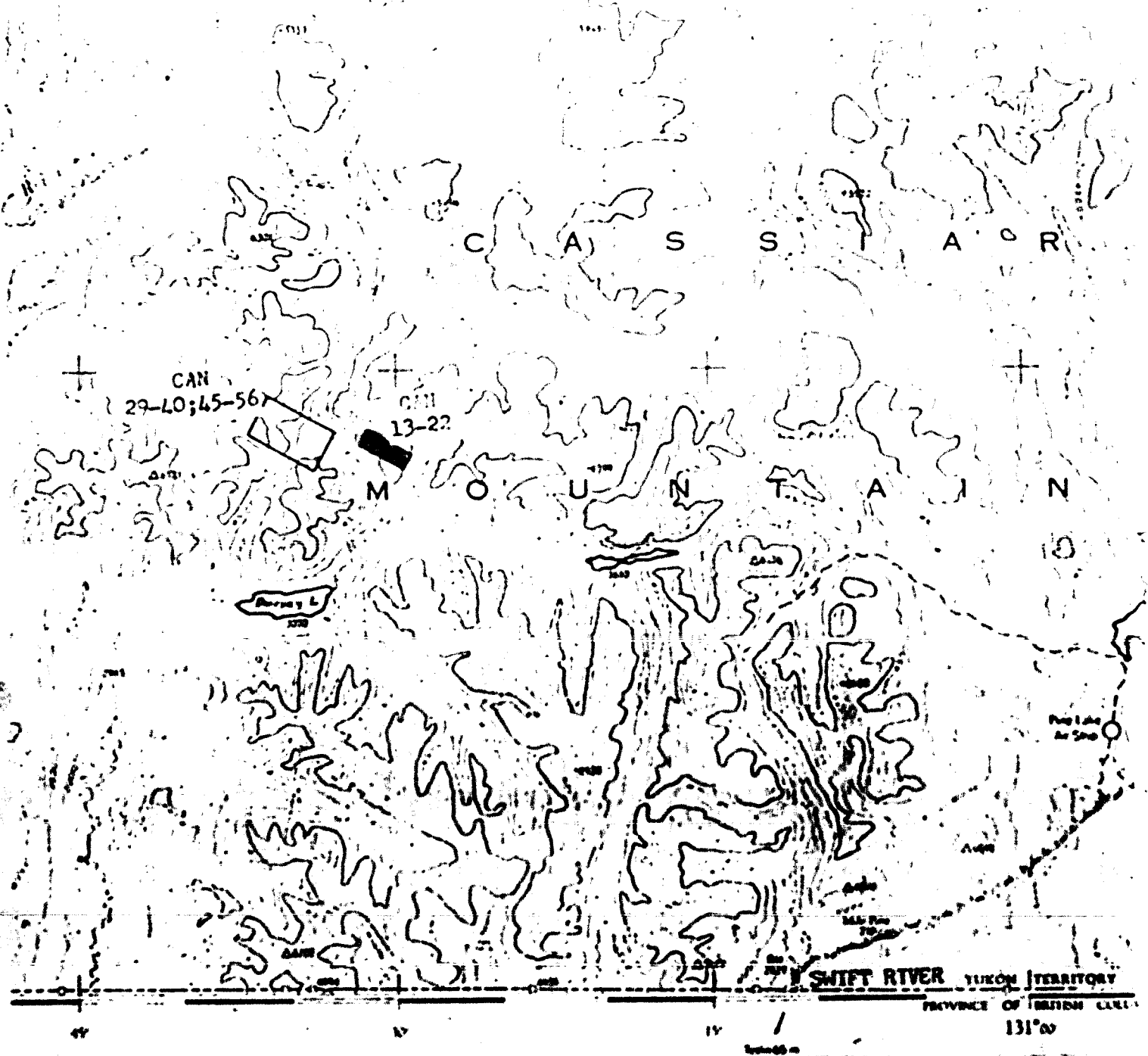
A small tonnage of tin, tungsten bearing magnetite skarn is present on the property and the continuation of this horizon is favourable for further exploration.

LOCATION TOPOGRAPHY AND ACCESS

The CAN 13 - 22 claims were part of the original CAN 1 - 56 claim group staked on a small exposure of tin-tungsten bearing magnetiteskarn in 1977. The claims are located 18 miles northwest of Swift River on the Alaska Highway. (Figure 1)

Topography is relatively rugged as indicated by Figure 2 with elevations ranging from 4,100 feet in the southwest corner of the claims to about 5,900 feet near the northeast side. The mineral showings are on the west side of the local creek valley on CAN 19.

. Access to the claims has been entirely by helicopter from Pine Lake airstrip or from Swift River.



Survey by the Topographical Survey in 1947. Compiled by the Topographical Survey in 1950 from air photographs taken in 1948. Lithographed and printed by the Army Survey List R.C.E., Dept. of National Defence, 1952.

Universal Transverse Mercator Projection

REFERENCE

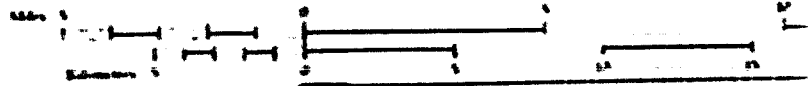
More than 2 Lines	2 Lines	One Line	Less than 2 Lines
High Surface, All Weather	—————	—————	—————
Low Surface, All Weather	—————	—————	—————
High, etc.	—————	—————	—————
Int. International	—————	—————	—————
Int. Provincial	—————	—————	—————
Int. County or District	—————	—————	—————
Int. National Park	—————	—————	—————
Int. River Line	—————	—————	—————
Standard Contour	—————	—————	—————
	—————	—————	—————
	—————	—————	—————
	—————	—————	—————
	—————	—————	—————
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	—————	—————	—————
	—————	—————	—————
	—————	—————	—————
	—————	—————	—————

# WOLF LA

## YUKON TERRITORY

Scale 1:250,000

1 inch to 2 Miles Approximately



**LOCATION MAP**  
**CAN CLAIM GROUP**  
 MAP 105B/4  
 1:250,000  
 Nov. 1981  
 FIGURE 1

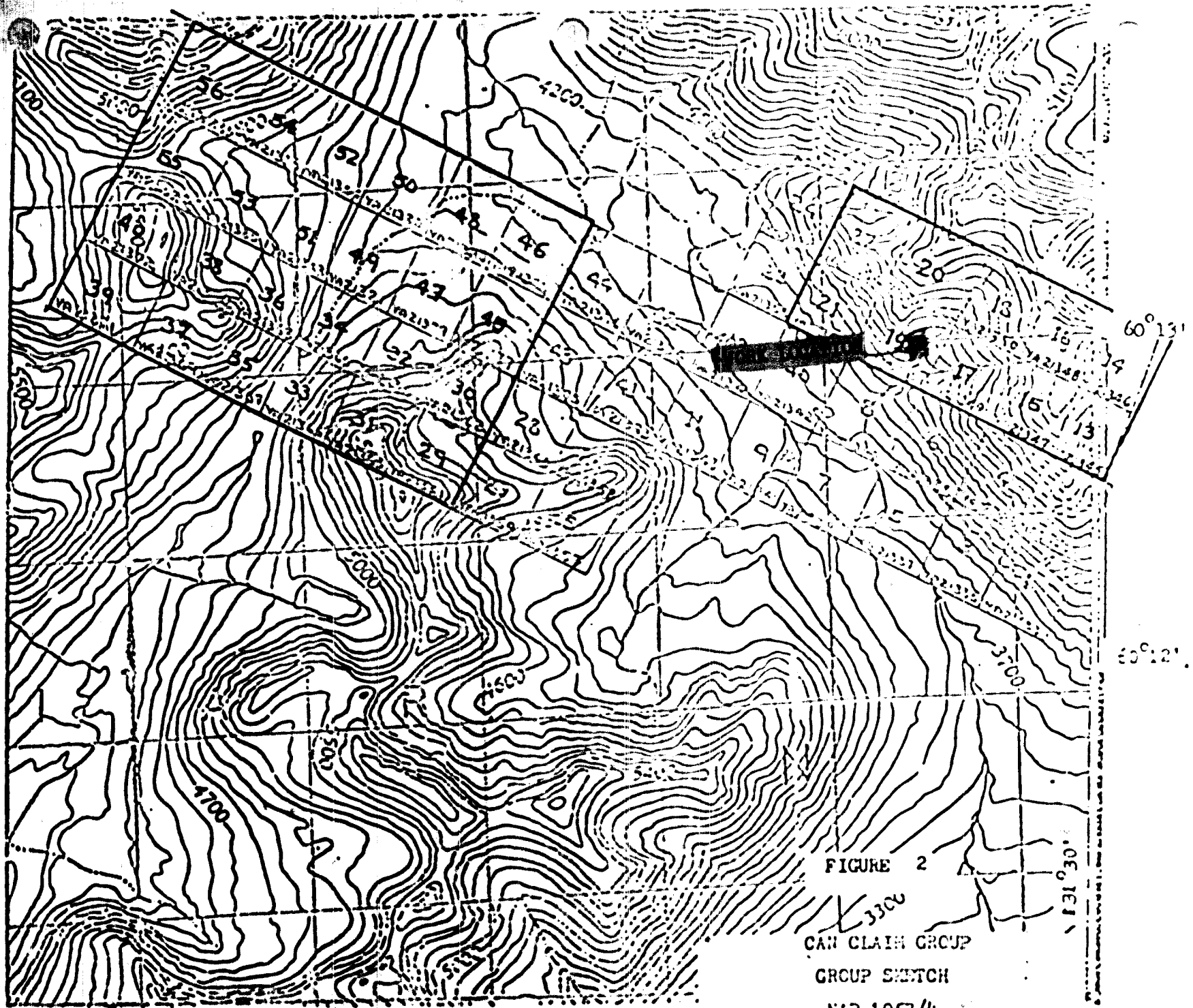


FIGURE 2

3300  
CAN CLAIM GROUP  
GROUP SKETCH  
MAP 105B/4



1981 PROGRAM

The 1981 Program consisted of two separate phases. Because of the uncertainty as to when the trenching crew would be available, no camp was established.

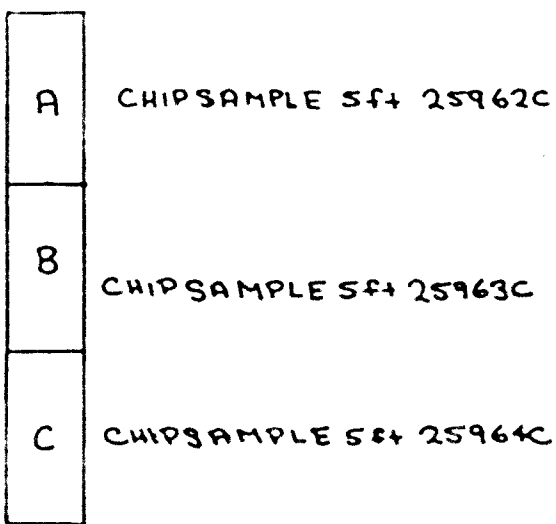
A two person crew was placed on the property to locate and re-establish grid lines, take magnetometer readings to locate the most favourable position for trenches and to do limited prospecting.

When the contract trenching crew became available, they were flown to the site and picked up in the evenings for return to camp. Sampling was done on completion of the trenching.

The 1981 magnetometer results are shown on Figure 3. Trench profile and assays are shown on Figure 4. Orientation of the short lines surveyed by magnetometer were at right angles to what they should have been and the magnetic contours are only approximate as a result.



TOP VIEW



Side View

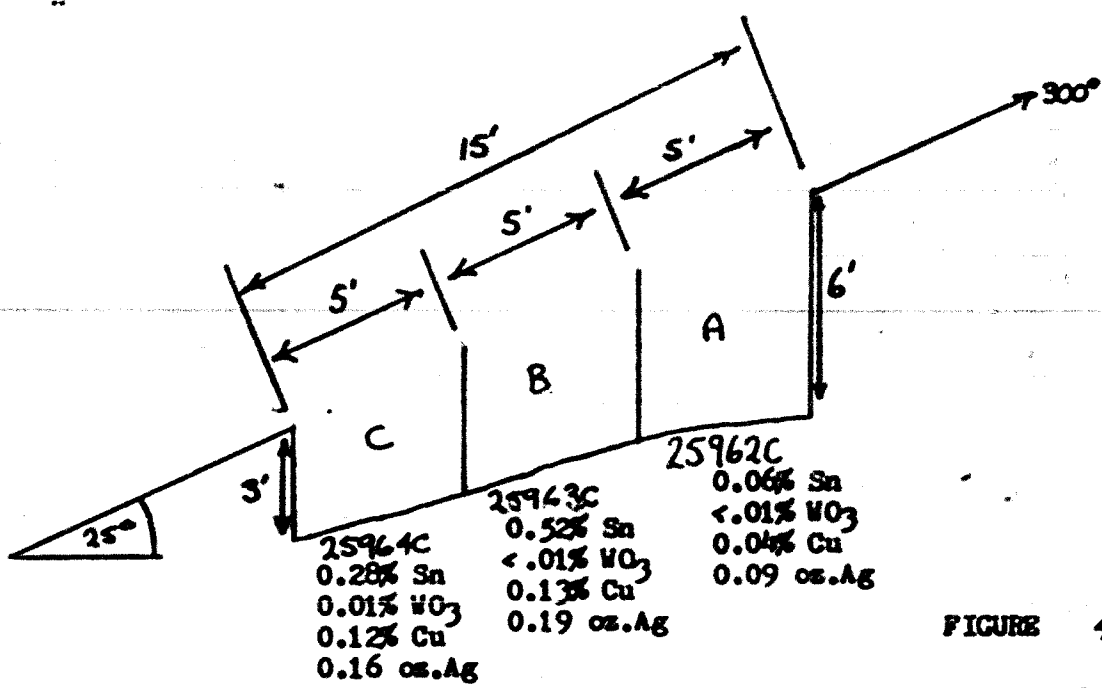


FIGURE 4

D.C. SYNDICATE  
CAN EAST GROUP  
TRENCH SAMPLING  
1981

Scale 1:60

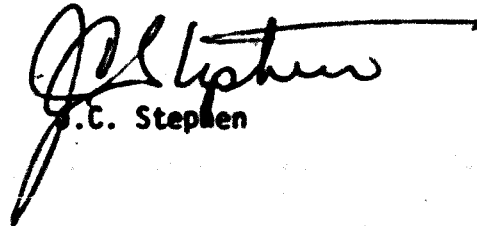
RESULTS AND CONCLUSIONS

The trenching completed on the high point of the magnetic anomaly, located magnetite skarn with tin values at a point about fifty feet downhill from the lowest trench excavated in 1980. The depth of trenching required indicates this to be about the practical limit for this type of work.

A small tonnage zone exists with significant tin values. It should be detailed by a closely spaced magnetometer survey and one diamond drill hole should be drilled to explore its down dip extent.

Respectfully submitted,

J.C. STEPHEN EXPLORATIONS LTD.

  
J.C. Stephen

STATEMENT OF EXPENDITURES

(1)	Magnetometer and geology to locate and layout trenches. K. D'Arcy, R. Campbell July 17 wages	\$116
(2)	McCrorry Holdings (Yukon) Ltd. trenching July 29, 30 @ \$500/day Explosives 2/23 x \$1431	\$1000 124
(3)	D. Guglielmin sampling July 30 wages	52
(4)	Assay costs Chemex Labs Ltd 3 rock samples for Sn, $WO_3$ , Cu, Ag @ \$26.50	\$ 79
(5)	Helicopter July 30, 1.1 hours @ \$450	\$ 495
	<b>TOTAL</b>	<b>\$1866</b>

**NOTE: Only partial helicopter costs listed. Helicopter fuel magnetometer rental, camp costs, not included.**

APPENDIX I

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

J.C. STEPHEN

Academic

1950 Associate Member British Institute Engineering Technology  
1950-1951 One year Geology University of Alberta

Experience Summary

1947-1955 Development and production experience in engineering and geology at Central Patricia Gold Mines, Eldorado Mining and Refining, Madsen Gold Mines, Hasaga Gold Mines, Pickle Crow Gold Mines as Surveyor, Assistant to the Engineer, Geologist.

1955-1959 Regional exploration experience with Pickle Crow Gold Mines, Combined Developments Ltd., R.G. Crosby and Associates, Jay-Kay Syndicate as Field Geologist.

1959-1961 Municipal construction including monolithic concrete tunnels as Senior Inspector.

1962-1968 Regional exploration with Mastodon Highland Bell Mines as field geologist.

1968-1976 Regional exploration with Bacon and Crowhurst Ltd., as supervisor of exploration syndicates.

1977-Present President J.C. Stephen Explorations Ltd.

Manager	D.C. Syndicate	(Dome, Cominco)
Manager	Target Project	(Dome Exploration)
Manager	B.C. Gold Syndicate	(Newmont, McIntyre, Canada Tungsten)
Manager	Newex Syndicate	(Newmont, Lornex)

During July 1981 I supervised mapping and trenching on the CAN 13 - 22 mineral claims and compiled the data for the attached report during November 1981.

J.C. Stephen Explorations Ltd.

  
J.C. Stephen



# McCrory Holdings (Yukon) Ltd.

307 Jarvis Street, Whitehorse, Yukon Y1A 4K1

Office: 668-7106

Bill Preston  
Res: (403) 667-7175  
Terry McCrory  
Res: (403) 633-5424

- 9 -

August 4, 1981

J.C. Stephen Exploration Ltd.  
1458 Rupert Street  
North Vancouver, B.C.  
V7J 1G1

To: Cam Stephen

RE: Trenching in Swift River Area

July 9	- 2 men @ \$250.	per day per man	= \$	500.00
July 10	- 2 men @ \$250.	per day per man	= \$	500.00
July 11	- 2 men @ \$250.	per day per man	= \$	500.00
July 12	- 2 men @ \$250.	per day per man	= \$	500.00
July 13	- 2 men @ \$250.	per day per man	= \$	500.00
July 14	- 2 men @ \$250.	per day per man	= \$	500.00
July 17	- 2 men @ \$250.	per day per man	= \$	500.00
July 18	- 2 men @ \$250.	per day per man	= \$	500.00
July 19	- 2 men @ \$250.	per day per man	= \$	500.00
July 20	- 2 men @ \$250.	per day per man	= \$	500.00
July 21	- 2 men @ \$250.	per day per man	= \$	500.00
July 22	- 2 men @ \$250.	per day per man	= \$	500.00
July 23	- 2 men @ \$250.	per day per man	= \$	500.00
July 24	- 2 men @ \$250.	per day per man	= \$	500.00
July 25	- 2 men @ \$250.	per day per man	= \$	500.00
July 26	- 2 men @ \$250.	per day per man	= \$	500.00
July 27	- 2 men @ \$250.	per day per man	= \$	500.00
July 28	- 2 men @ \$250.	per day per man	= \$	500.00
July 29	- 2 men @ \$250.	per day per man	= \$	500.00
July 30	- 2 men @ \$250.	per day per man	= \$	500.00
July 31	- 2 men @ \$250.	per day per man	= \$	500.00

Total \$10500.00

**Explosives:**

14 bags AMEX: \$441.00 + Fed. sales tax: \$22.75	= \$	463.75
5 cases 40% FORCITE: \$427.50 + Fed. sales tax: \$22.47	= \$	449.97
3 roll B-Line: \$275.40 + Fed. sales tax: \$17.55	= \$	292.95
80 3H Fuses: \$107.20 + Fed. sales tax: \$7.98	= \$	115.18
Mag Rental: \$0.00 + Trip charge: \$30.00	=	<u>110.00</u>

TOTAL DUE: 311,931.85

Thank you

*Wired to McCrory Holdings  
CIBC Whitehorse acct 100910 by J.C. Stephen  
September 11/81*

*B. Preston*  
per McCrory Holdings (Yukon) Ltd.

*Wired to D.C. + SIN.*