GEOLOGICAL GEOCHEMICAL REPORT

on the

ROAD 1-3, 5, 7-12; 14; 16-48 Mineral Claims

MAP SHEET 105B/3

Latitude 60°09'N Longitude 131°11'W

Watson Lake Mining Division

Yukon

by

J.C. Stephen

November, 1981

Work Done: July 20-29, November 9,10, 1980

By: J.C. Stephen Explorations Ltd.

Funded By: D.C. Syndicate

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 $ 3400.

P Watson

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

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LIST OF ILLUSTRATIONS

GEOLOGICAL, GEOCHEMICAL REPORT
on the
ROAD CLAIM GROUP

Summary and Recommendations

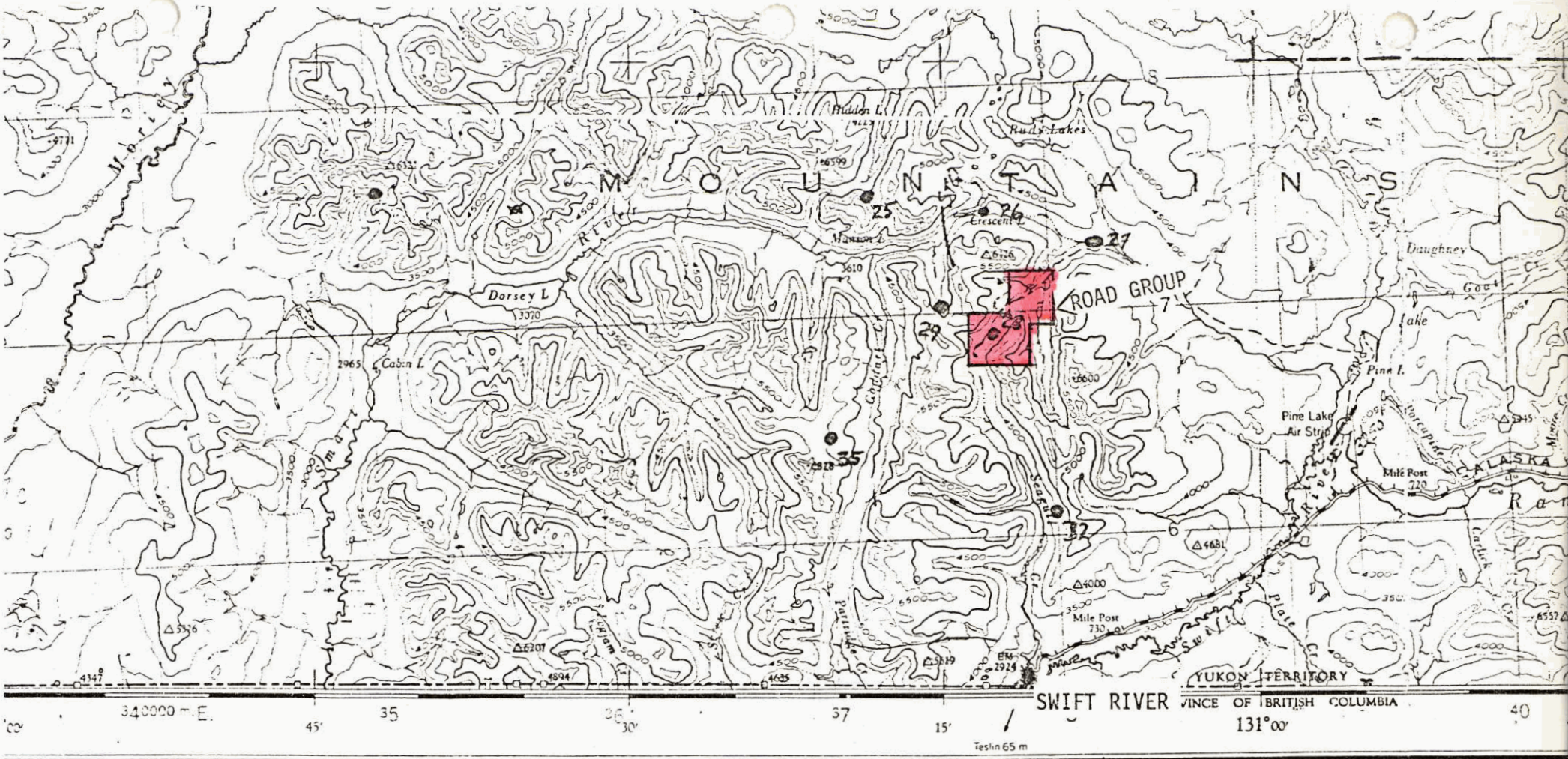
The ROAD claim group is located 10 miles north of Swift River near the north margin of the Seagull batholith. Evidence of tin, tungsten and zinc mineralization is indicated by talus and rock sampling. Significant silver values with lead, zinc and copper occur on the MOD claims which are surrounded by the ROAD group. These indications of mineralization occur within a portion of a favourable horizon indicated to extend over two miles in length.

Detailed sampling, a magnetometer survey and trenching are recommended for this property.

LOCATION AND ACCESS Figure 1

The ROAD claim group occupies the south west headwaters of the Swift River on the north margin of the Seagull batholith. The claims lie 10 miles north of Swift River on the Alaska Highway and may be reached via a narrow access road from the north end of the Pine Lake airstrip. This road is rough but passable during low water periods on the Swift River.

A crew of three were moved onto the property by helicopter from a claim group to the west but were supplied and demobilized from the property by 4-wheel drive vehicle.



HE COMPASS NEEDLE 1951

Surveys 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 Est. R.C.E., Dept. of National Defence, 1952.

Universal Transverse Mercator Projection.

REFERENCE

Road, Hard Surface, All Weather	More than 2 Lanes / 2 Lanes or More	2 Lanes Route No. (2) / Less than 2 Lanes	Less than 2 Lanes / Dry Weather
Road, Loose Surface, All Weather	2 Lanes or More	Less than 2 Lanes	Dry Weather
Road, Wagon, etc.	Cart Track	Trail or Portage	
Boundary, International		Boundary Mon.	□
Boundary, Provincial		Survey Mon.	○
Boundary, County or District		Bench Mark	BM 1514
Boundary, Indian Reserves, Park		Triangulation Sta.	△
Surveyed Line		Spot Elevation (in feet)	4550
Main Electric Power Line		Telephone, Trunk Route	
Railway, Standard Gauge	Multiple Track / Station	Abandoned	Single Track / Stop

WOLF LAKE

YUKON TERRITORY

Scale 1:250,000

1 Inch to 4 Miles Approximately

Miles 5 0 5 10 15

Kilometres 5 0 5 10 15 20 25

D.C. SYNDICATE
ROAD CLAIM GROUP
LOCATION MAP

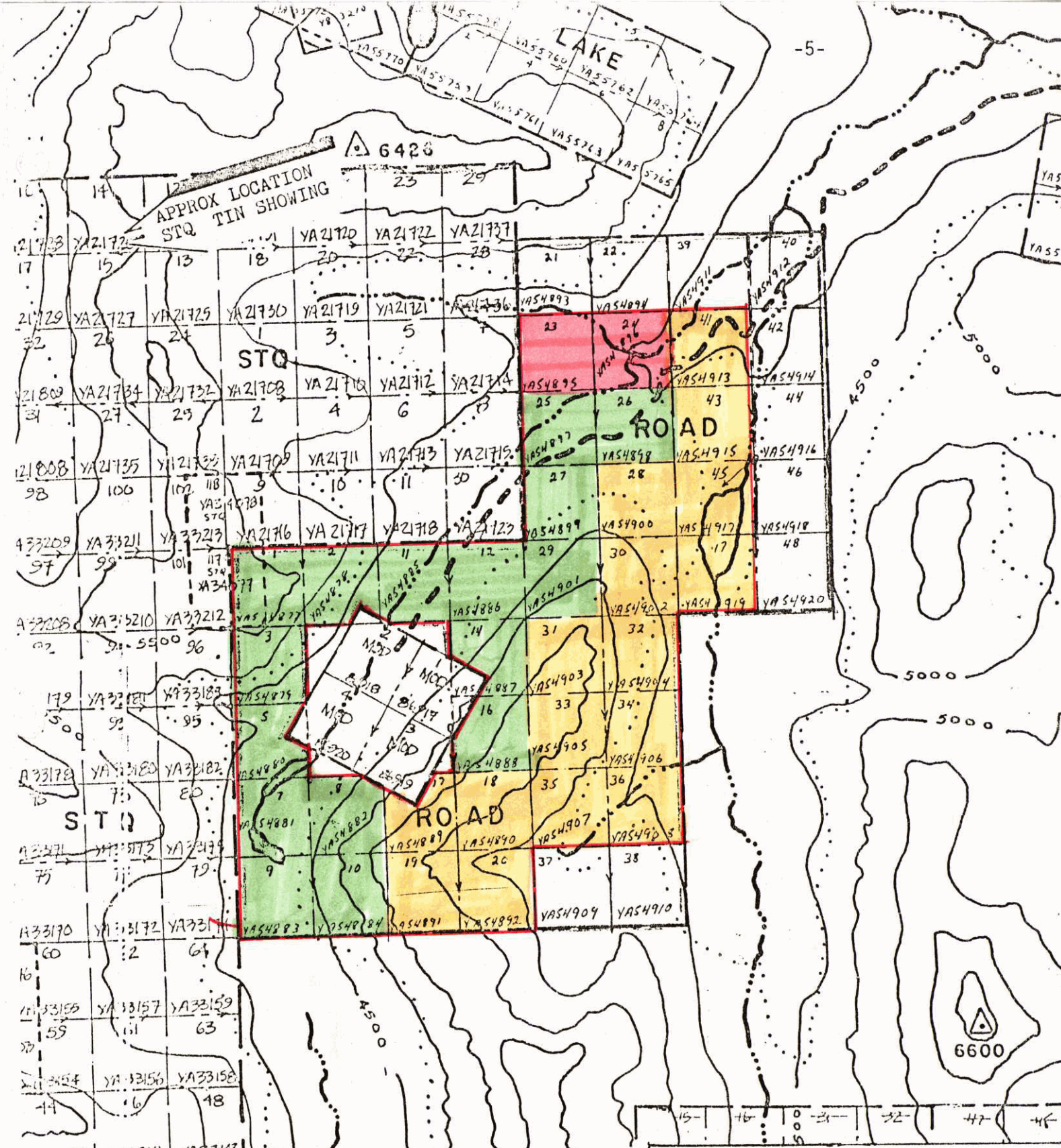
FIGURE 1

CLAIMS REGISTER

Claim	Record Number	Record Date
ROAD 1 - 3	YA 54877 - 79	June 20, 1980
ROAD 5	YA 54880	June 20, 1980
ROAD 7 - 12	YA 54881 - 886	June 20, 1980
ROAD 14	YA 54887	June 20, 1980
ROAD 16 - 48	YA 54888 - 920	June 20, 1980

The original staking of the ROAD group was a consecutive group ROAD 1 - 48. It is understood that applications for ROAD 4, 6, 13 and 15 were refused as they overlapped the MOD claims. The original staking would have avoided the creation of fractional claims. At present there are fractions of open ground surrounding MOD as indicated on Map I, Geology, Geochemistry. No particular effort was made during mapping to delineate these fractions.

Filing of the work described in this report will result in abandonment of claims ROAD 21, 22, 37, 38, 39, 40, 42, 44, 46 and 48. See Figure 2, Grouping Sketch.



J.C. STEPHEN EXPLORATIONS LTD.

D.C. SYNDICATE

ROAD CLAIM GROUP

GROUPING SKETCH

1"- ½ mile

Nov. 1981

FIGURE 2

HISTORY

The following history is reproduced from the Northern Cordilleran Inventory.

REVISED 1976 OCCURRENCE No. 28

Property Name: Common BOM Other No. 1 Showing

Location: Lat. 60°09' Long. 131°12' NTS 105B/3

Metals: Major Lead, Zinc, Silver Minor Molybdenum, Tin

Type of Mineral Deposit: Skarn

History and Previous Work:

Staked as BOM cl (56221) in Aug/46 by Hudson Bay M & S with fringe staking (JML cl 56323) by Western Ranges Prospecting Syndicate (Conwest EL, Frobisher ECL, and Nova Co EL) and by W. Cook (Guc cl - 57009). Hudson Bay drilled 18 holes (6540 ft) in 1947. Restaked as CS cl (63690) in Oct/52, as Smith cl (73165) in Aug/57 by A. Worbets and P. Choauette, and as Mod cl (86917) in March/63 by E. Erickson and Partners. The Mod cl were optioned in July/68 to Trans Yukon EL and this option was later assigned between Sept/68 and mid-69 to Boswell River ML, which conducted bulldozer trenching and possibly some drilling in connection with a program on the adjoining Munson occurrence - 105B(29).

Prospecting in the area had been conducted by D.C. Syndicate in 1978. A portion of the area now covered by the ROAD claims was then staked as the SCARN group. These claims lapsed in 1979 and the ROAD group was staked in 1980.

GEOLOGY

Rock Units

Cretaceous — Seagull Batholith

6 Quartz Monzonite

Mississippian - Devonian ?

5 Calc Silicate
(a) Magnetite Garnet Skarn
4 Limestone
3 Tuff
2 Argillite
(a) Calc Silicate Banded
(b) Shale
1 Quartzite

UNIT 1

QUARTZITE

On the ROAD claim group rocks classified as quartzites are generally grey to brown fine grained impure quartzites with various proportions of tuffaceous and argillitic material. Only locally are zones of relatively pure light grey to white quartzite present.

UNIT 2

ARGILLITE, SHALE

These rocks are of variable composition grading from argillaceous quartzite to thin banded very fine grained black shale. Varieties include interbedded quartzite and argillite, very thin wavy banded shale, minor phyllite, interbedded shale and tuff. Black thin bedded shale (2b) horizons up to perhaps 100 feet in thickness occur south of the main fault near the south boundary of the property.

These rocks weather to a dark rusty appearance and are locally very rusty where minor pyrrhotite, pyrite and very minor chalcopyrite mineralization occurs.

UNIT 3

TUFF

Rocks classified as tuffs vary from very dark purple lapilli tuff near the north contact of the sedimentary sequence through finer grained mixtures of apparently tuffaceous material in quartzites and shales. Determinations are entirely by field examination.

UNIT 4

LIMESTONE

Limey rocks occur as a minor percentage of the sedimentary sequence. The thickest bed at the ridge top in the central part of the claim group was noted as being 10 feet in thickness with approximately 30% of the material being dolomitic, 10 to 20% being poorly developed skarn and the remainder limestone and silicified limestone.

Most of the limestone mapped is indicated to be coarse grained and highly weathered.

The limestone occupies a horizon between the predominantly argillaceous rocks to the north and the quartzitic rocks to the south.

UNIT 5

CALC SILICATE

Horizons of light weathering, very fine grained white to pale green siliceous rock were termed calc-cilicates. They are poorly developed on the ridge in the south central portion of the claim group but are more prominent to the west. They are variously interbedded with quartzite and with tuff but are commonly in the vicinity of the limestone skarn development.

Just east of the MOD 1 claim, a zone of magnetite garnet skarn (Unit 5a) occurs along the upper side of the limestone horizon. This skarn consists primarily of dark red garnet with blebs and lenses of massive magnetite.

SEAGULL BATHOLITH

UNIT 6

QUARTZ MONZONITE

The south boundary of ROAD group lies about two miles north of the main body of the Seagull batholith. The satellite stock on ROAD group has the appearance of the massive coarse grained main body of the Seagull intrusive and is therefore less like a satellite stock than a "window" through the overlying sediments to an extension of the main batholith.

The main intrusive outcrop is described as "coarse grained, with feldspar, quartz and biotite weathered peach and pinkish in colour."

No apparent later intrusive phases, fine grained phases, or development of extensive tourmaline and flourite have been found on the property.

It is understood that the AMAX drill hole on the STQ showing encountered typical coarse grained Seagull at 800 feet.

HORNBLENDE PORPHYRY (Unmapped)

Small dykes of dark coloured fine to medium grained intrusive occur in the region and one of these dykes was seen on the ridge east of MOD. Prominent black phenocrysts of hornblende occur in this rock. Age of these dykes is uncertain.

MINERALIZATION

The main showing on MOD group was examined briefly. It consists of sulphide mineralization, some as massive sulphides, enclosed in deformed grey to brown granular quartz biotite gneissic rock. Mineralization in hand specimens appears to be mainly pyrrhotite, magnetite, sphalerite, galena and minor chalcopyrite.

Elsewhere minor pyrrhotite, pyrite and chalcopyrite occur in quartzites and shales and in association with the calc-silicate horizons.

Manganese staining occurs locally and may be associated with slight greisenizations of local fracture zones in the Seagull as well as with skarn in the sedimentary sequence.

The most promising zone so far located as a possible host for tin mineralization is the magnetite skarn east of the MOD claims.

STRUCTURE

The sedimentary sequence appears to dip almost vertically near its contact with the Seagull in central ROAD group. Dips generally flatten gradually to 40^{o} south in the south portion of the claim group.

Near the granite contact, and particularly near the MOD showing, the sediments may be contorted.

The Seagull sedimentary contact is normally sharp with no stoped blocks within the intrusive and little or no evidence of contamination. A few dykes of Seagull intrusive intrude the sediments locally.

The Seagull intrusive is generally massive with widely spaced fairly well developed joint sets. A few north to north east trending fractures show weak rusty greisenization. There is no documented fault movement on these zones.

Initial mapping suggests there are several east striking fault zones with variable dip. Some of these may have some strike slip movement but insufficient work has been done to document these faults.

The main fault near the south boundary of the property is termed the "Mun Fault" and is considered, on the basis of air photo examination, to be part of the eastward extension of a major fault extending west across MUN and SIN claim groups.

On the MUN group movement on this fault is thought to be north side down.

GLACIATION, SURFICIAL GEOLOGY

Near the access road north of MOD group large areas of Seagull intrusive are scoured clean and polished by valley glaciation. The surrounding ridges show apparent development of benches and minor hanging valleys, particularly east of the access road. Cirques facing north east in the south portion of the claim group are very sharp and steep.

A large flat sand and silt plain has developed north of the lake on ROAD 45, 47. This lake was probably considerably larger at one time and was probably dammed by ice and moraine to the north.

East of the main creek in the north west portion of the claim group are extensive areas of choatic glacial moraine and till deposition. This includes considerable coarse gravel, boulders and rock fragments as irregular esker like ridges winding among numerous large pot hole like depressions. These depressions are probably due to late melting of stagnant ice.

The present main creek occupies the bottom of a valley which was probably developed by larger post glacial drainage. In the vicinity of ROAD 24 the creek occupies a deep local canyon eroded into granite of the Seagull batholith.

Ridge slopes are covered by extensive, though generally shallow, talus and felsenmeer.

GEOCHEMISTRY

SILT SAMPLES

The accompanying Map I "Geology and Geochemistry" shows results of 1980 silt sampling in the headwaters of Swift River. Tin values are particularly high:

(a) in the tributary draining the MOD showing 310 ppm Sn, 9 ppm W, 1400 ppm Zn

(b) just north of the sediment-Seagull contact 48 and 52 ppm Sn, 13 and 6 ppm W, 820 and 730 ppm Zn

(c) above and below the tributary draining STQ group where tin values range from 21 to 175 ppm, tungsten from 7 to 50 ppm and zinc from 200 to 720 ppm. It was thought possible these peaks might be derived from separate sources.

Prospecting to investigate these geochemical values was not successful although this may be due in large part to limited time available. Deep glacial till along the slopes of much of the valley in this area makes soil sampling ineffective. No mineralization was located in outcrop.

TALUS SAMPLING

Widely spaced talus samples were collected during mapping. The lower slopes on ROAD 1, 2, 3 and 11 west of Swift River are covered by deep till and extensive talus. Mapping progressed off the property to the north west. Talus samples in the area ranged from 5 to 550 ppm Sn, 1 to 13 ppm W, and 215 to 2300 ppm Zn.

Along the main ridge in the south central portion of the claim group talus samples returned 2 to 25 ppm Sn, 1 to 75 ppm W, and 95 to 1850 ppm Zn. These samples are too widely spaced to

indicate a definite zone. The high zinc value comes from near the peak on the east boundary of ROAD 8 but the next highest values (520 to 690 ppm Zn) occur on the east side of the ridge near the Seagull-granite contact. Values near the projected skarn horizon are relatively low. The highest tin value is from an area of quartzite while the two highest tungsten values are from the Seagull batholith (68 ppm) and near the south boundary (75 ppm) in an area of banded argillite.

ROCK SAMPLING

Twenty-four rock samples were analyzed from tin and tungsten and a number were run for silver and copper. Two samples were from material on the MOD claims.

The sample (67820 B) of massive sulphide from the MOD trenches ran 92 ppm Sn, 1 ppm W, 100 ppm Ag and 700 ppm Cu. This sample contained pyrrhotite and magnetite.

A sample from drill core Box 3, Hole RV-2, 82'-88' contained magnetite and ran 760 ppm Sn, 1 ppm W, 1.3 ppm Ag and 10 ppm Cu.

Sample 67819 B, "magnetite veined, beside limestone outcrop, white matrix rock which does not fizz in HCl" ran 95 ppm Sn, 38 ppm W.

Sample 67803 B of quartzite near a quartz vein ran 110 ppm Sn, 1 ppm W and 2.0 ppm Ag.

Other significantly anomalous tin values, 38 and 50 ppm Sn were from calc-silicate material.

Data sheets for samples collected are attached as Appendix I.

SUMMARY AND CONCLUSIONS

A horizon consisting of limestone, calc-silicate, magnetite and sulphide bearing skarn occupies a transitional zone between argillaceous and quartzitic rocks on the ROAD and MOD claims. The zone is poorly exposed due to felsenmeer, talus and glacial till but is indicated by mapping to be semi-continuous for a distance of at least 8500 feet. It is probable that this is the same horizon which hosts sphalerite and pyrrhotite, and arsenopyrite bearing skarn, about 5000 feet further to the west on the STQ claims. Old trenches and evidence of drilling are located there (Map III Air photo A 25264.32).

Widely spaced samples indicate values in tin and tungsten. Significant values in silver, lead and zinc occur in the sulphide showing on MOD group. The main magnetite skarn east of MOD has not apparently been assayed.

It is recommended that grid sampling, a magnetometer survey and possibly trenching should be done along the trend of this favourable horizon.

Respectfully submitted,

J.C. STEPHEN EXPLORATIONS LTD.

J.C. Stephen

STATEMENT OF EXPENDITURES

WAGES AND BENEFITS

Name	Dates	Rate	Amount	
E. Sidey	July 20-29	$1750/m+15%	$650	
J. O'Connor	July 20-29	$1750/m+15%	650	
G. Campbell	July 20-29	$1400/m+15%	520	
J.C. Stephen	July 22,29	$150/d	300	$2,120

FOOD AND CAMP SUPPLIES

32 man days @ $14 — 448

GEOCHEMICAL DETERMINATIONS

Chemex Invoice	112820	$ 110.25
	112845	191.25
	112846	115.75
	113006	133.25

550

TRUCK RENTAL

July 22, 29 — 50

AIR PHOTO ENLARGEMENTS - (2 scales) — 30

REPORT PREPARATION AND DRAFTING

November 9, 10 — 300

TOTAL $3,498

NOTE: *Helicopter mobilization cost not included*

APPENDIX I

GEOCHEMICAL DATA SHEETS

J.C. STEVEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

~~B.C. GOLD SYNDICATE~~

NTS 105 B - 3

SAMPLER Campbell & Sidey

PROJECT Road Group - D.C. Syndicate

LINE

DATE July 24/81

AIR PHOTO No. A 25264 - 38

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH / TRUE WIDTH	Geochem ~~ASSAYS~~ Sn	W	Ag	Cu	
(1)	67801B		banded argillite		sulphides arsenopyrite		float, very schistose quartz vein		19	7	2.9		✓
(2)	67802B		argillite		pyrite, pyrrhotite arsenopyrite		float, slightly magnetic		2	1	0.3		✓
(3)	67803B		quartzite	zone between qtz. vein and quartzite			slightly magnetic, beside quartz vein		110	1	2.0		✓
(4)	67804B	north end of west ridge from camp	skarn				large rusty talus boulder, green in colour		4	1	-		✓
(5)	67805B	east ridge above camp	grey quartzite		pyrite arsenopyrite		slightly banded, siliceous slightly magnetic		4	25	-		✓
(6)	67806B		argillite		disseminated sulphides		siliceous, slightly magnetic		2	7	-		✓
(7)	67807B		calc silicate				blueish green, hard, siliceous		50	1	-		✓
(8)	67808B	near posts Road 17+18 19+20	calc silicate				slightly magnetic, greenish in colour		10	1	-		✓
(9)	67809B	top of ridge to east of camp	quartz		pyrite chalcopyrite arsenopyrite		drusy quartz, 4" wide vein, somewhat rusty		2	1	0.5		✓
(10)	67810B	top of ridge east of camp	argillite				yellow staining and rusting qtz veining, fault zone		1	1	0.1		✓
(11)	67811B	beside 81 DCFTH			disseminated arsenopyrite		some quartz veining green, rusty, float		5	460	0.4	8	✓
(12)	67812B	top of east ridge by fault	argillite		chalcopyrite sulphides		rusty		7	1	0.1	-	✓
(13)	67813B	in fault zone			chalcopyrite		large rusty boulder manganese staining		3	1	0.1	145	✓
(14)	67814B	[illegible] up	banded argillite		arsenopyrite		very rusty		1	1	0.1	32	✓
(15)	67815B	half way up ridge to east of camp			disseminated pyrite and arsenopyrite		magnetic, grey, siliceous,		1	1	0.1	-	✓
(16)	67816B	near top of ridge to east of camp					float, greenish matrix manganese staining		38	1	-	215	✓
(17)	67817B	top of ridge east of camp	limestone (calc silicate)				slightly greenish		2	1	-	-	✓
(18)	67818B	beside sample 67817B	skarn				magnetite blebs		6	23	-	-	✓
(19)	67819B	beside limestone outcrop	magnetite veined				in white matrix rock which does not fizz with HCl		95	38	-	-	✓
(20)	67820B	old drill and trench site			pyrrhotite magnetite		massive sulphide, by MOD [illegible]		92	1	100.0	700.0	

J.C. STE[illegible]EN EXPLORATIONS LTD.

GEOCHEMICAL DATA SH[illegible]ET — ROCK GEOCHEM SAMPLING

B.C. GOLD SYNDICATE

NTS 105B · 3

SAMPLER Campbell & Sidey

PROJECT Road Group - DC Syndicate

LINE

DATE July 24/81

AIR PHOTO No. A 25264 - 32

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH / TRUE WIDTH	G.Geochem Sn	W	Ag	Cu
(1)	67821B	old drill camp by road			magnetite		drill core from Bor 3 Hole RV2, 82'-88'		760	1	1.3	10
(2)	67822B	east side of east ridge from camp	calc silicate		pyrite, chalcopyrite		rusty with greenish and purplish banding, float with outcrop nearby		3	50	-	12
(3)	67823B	top of ridge to E east of camp	tuff				rusty, fine grained		4	1	-	-
(4)	67824B	east side of ridge to east of camp					soft silvery mineralization close to contact with intrusive		2	1	0.2	- Zn
(5)	81DCFTROAD.1	See Map	talus				light Brown Sandy with small Pebbles Argillite talus		13	1		430
(6)	2	See Map	talus				Sandy + fine Pebbles talus near is silious Quartzite + banded		28	7		465
(7)	3	See Map	talus				brown sandy Quartzite block talus		9	1		215
(8)	4	See Map	talus				Slight gully near Quartzite fine talus brown Sand		550	13		1850
(9)	5	See Map	talus				grays + argillite talus near Grey fine small Pebbles		12	1		2300
(10)	6	See Map	talus				Argillite Near fine Sand and small talus		7	1		430
(11)	7	See Map	talus				Brown Soil small talus beside 67804B Argillite near		7	1		900
(12)	8	See Map	talus				Lt coloured Soil with small talus Argillite near		5	1		1400
(13)	9	See Map	talus				buff coloured Sand with small talus		22	1		1800
(14)	10	See Map	talus				beneath 1st OC Lt Brown coloured Sand.		33	10		2000
(15)	11	See Map	talus				Lt Brown Sand with small talus Pebbles to right side of 1st OC		14	1		530
(16)	12	See Map	talus				fine buff sandy [illegible] OC Quartzite near		3	1		95
(17)	13	See Map	talus				Grey brown sand banded Argillite		4	75		230
(18)	14	See Map	talus				Rusty Sand small Talus beside 67811		9	19		1850
(19)	15	See Map	talus				fine Rusty Sand surrounding talus Schistous Argillite		2	4		105
(20)	16	See Map	talus				taken in Quartzite		25	2		300

J.C. STEVEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

NTS 105 B·3

SAMPLER Campbell + Sidley

PROJECT ROAD Group/DC Syndicate

LINE

DATE Jul 27/81

AIR PHOTO No. A 25264 · 32

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH / TRUE WIDTH	ASSAYS Sn	Cu	Ag	Zn
(1)	81 DCFT ROAD 17	See Map	talus				talus of Shistous Argillite		3	3		118
(2)	18	See Map	talus				Rusty talus below calcsilicate Rubble		2	20		108
(3)	19	See Map	talus				Sandy fine talus		2	1		95
(4)	20	See Map	talus				Rusty talus calcasilicate talus		14	16		250
(5)	22	See Map	talus				Rusty Argillite Shale talus		7	36		308
(6)	23	See Map	talus				Rusty Argillite Shale talus		15	41		520
(7)	24	See Map	talus				Rusty Argillite Shale talus		5	12		550
(8)	25	See Map	talus				South contact between seagull + seds		7	10		640
(9)	26	See Map	talus				Surroanding OC is banded Quartzite		9	18		690
(10)	27	See Map	talus				taken in Seagull		13	68		215
(11)												
(12)												
(13)												
(14)												
(15)												
(16)												
(17)												
(18)												
(19)												
(20)												

APPENDIX II

STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I. Eleanor Sidey, am a candidate for Bachelor of Science, Geology, Lakehead University, 1981 Thunder Bay, Ontario.

EMPLOYMENT EXPERIENCE INCLUDES:

May to September, 1980 - Geologist III Amoco
Canada Petroleum Co. Ltd. - Northwestern Quebec

May to August, 1981 - Junior Geologist
J.C. Stephen Explorations Ltd.

Eleanor E. Sidey

November, 1981

STATEMENT OF QUALIFICATIONS

I, Julia O'Connor, am a candidate for Bachelor of Science, Geological Sciences, Queen's University, Kingston, 1982.

EMPLOYMENT EXPERIENCE INCLUDES:

May to August, 1980 - Junior Assistant
Welcome North Mines Ltd.

May to August, 1981 - Junior Geologist
J.C. Stephen Explorations Ltd.

Julia A. O'Connor

November, 1981

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 did supervise work on the ROAD claim group and in November 1981 prepared the attached report from data collected.

J.C. Stephen Explorations Ltd.

J.C. Stephen

JCS/ms

090921

STQ
Tin Occurrence

ROAD TO PINE LAKE

River

ROAD 21

Swift

morraine

sand plain

Lake

ROAD 1

MOD 2

MOD 1

MOD 4

MOD 3

Trenches

FAULT

MUN

Lake

N

LEGEND

- 6 SEAGULL Quartz Monzonite
- 5 Calc Silicate
  - Magnetite Garnet Skarn
- 4 Limestone
- 3 Tuff
- 2 Argillite
  - a Calc silicate banded
  - b Shale
- 1 Quarzite

OUTCROP AREA
CONTACT
FAULT
FT23 TALUS SAMPLE $Sn_s W_s Zn$ ppm
67812 ROCK SAMPLE $Sn_s W$ ppm
Y-50 SILT SAMPLE $Sn_s W_s Zn$ ppm

Base map traced from enlargement of airphoto A25264-32

090921

J.C. STEPHEN EXPLORATIONS LTD.

D.C. SYNDICATE

ROAD CLAIM GROUP
GEOLOGY & GEOCHEMISTRY
NTS 105B/3

Scale 1"- 725' (approx) NOV. 1981

MAP I

D.C. SYNDICATE

ROAD CLAIM GROUP

090921

SCALE 1"=725' (approx) AIRPHOTO MAP II

MAGNETITE SKARN

MOD SHOWING

D.C. SYNDICATE
ROAD CLAIM GROUP
TRACE OF LIMESTONE-SKARN HORIZON
090921
MAP III

NORTH

EAST

MAGNETITE SKARN

MOD SHOWING

TRENCHES &
D.D. SITE

A25264

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