

REPORT ON DIAMOND DRILLING

FF 1 - 46 CLAIM GROUP

YA65927-942; YA67170-191; YA67206-213

NTS 105C/8E

Latitude 60°22'N Longitude 132°05'W

WATSON LAKE MINING DISTRICT

YUKON

by

J.C. Stephen

WORK DONE BY: J.C. STEPHEN EXPLORATIONS LTD.

FUNDED BY: DOME EXPLORATION (CANADA) LTD.

DATES: JUNE 22 - JULY 2, 1984

REPORT DATED JULY 11, 1984

091547

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REPORT ON DIAMOND DRILLING

FF 1 - 46 CLAIM GROUP

SUMMARY

Two BQ diamond drill holes for a total of 924 feet were drilled to test the down dip extension of the FF main skarn zone below two local magnetic high anomalies. A local topographic survey was carried out, grid lines were extended in the valley and surveyed by magnetometer and further magnetometer detail was done in the vicinity of the two drill holes.

The main skarn band was intersected in both drill holes at depths indicating an essentially flat dip. Although magnetite is present within both skarn intersections assay values for tin are extremely low. The drill holes penetrated the tuffite horizon below the skarn but did not encounter granite.

Potential remains to find better grade mineralization where the skarn horizon should intersect the granite contact to the east of the two holes drilled. Testing for this possibility however is difficult because the surface topography rises rapidly to the east and no data is available to indicate the attitude of the granite contact.

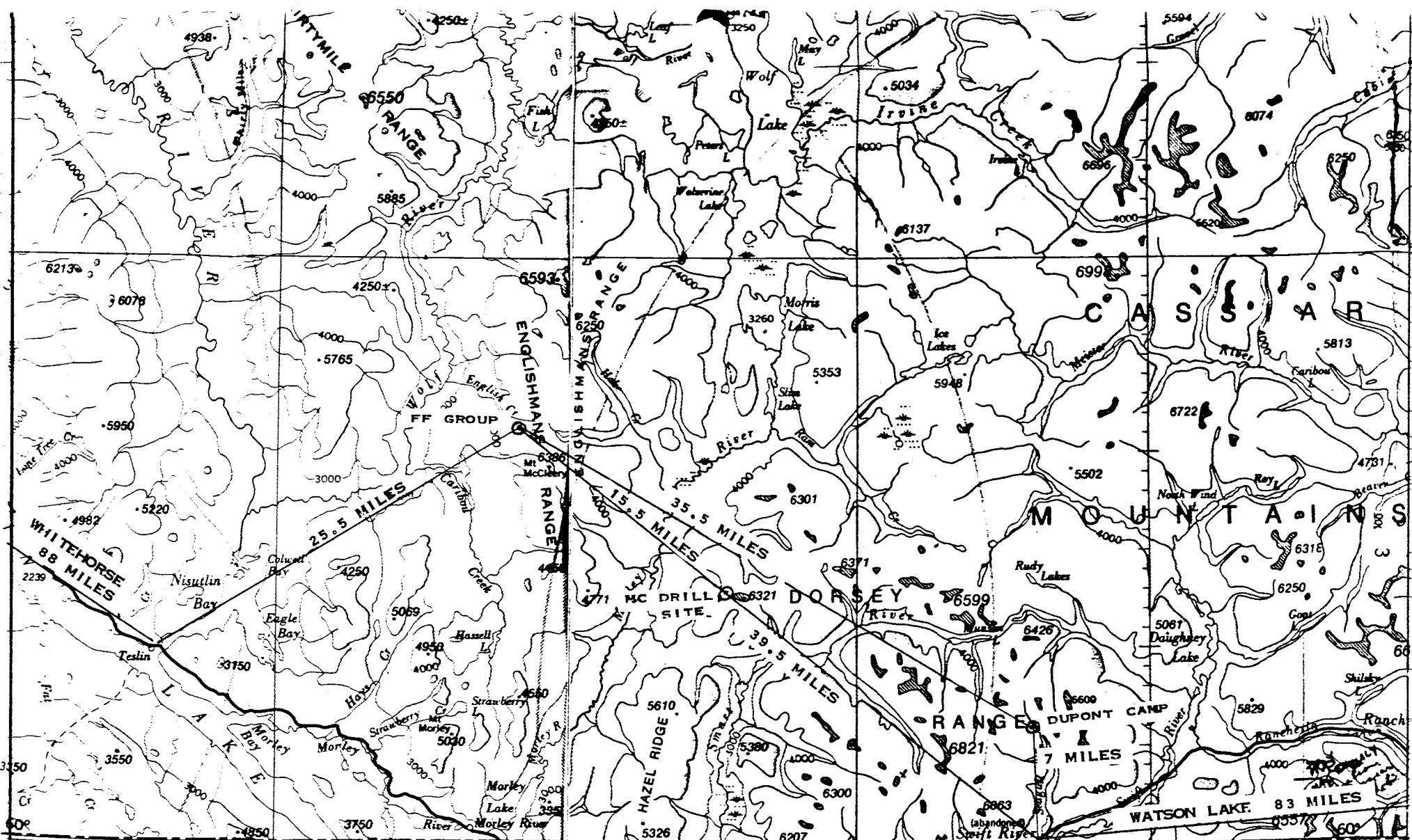
No further work is recommended at this time. Drill core is stored on the property.

LOCATION, TOPOGRAPHY AND ACCESS

The FF claim group is located 40 kilometres north-east of Teslin and access has been entirely by helicopter. See Figure 1 Location Map.

Drilling during this program was done from two sites near the base of the talus slope at the east end of a local plateau above the main skarn horizon outcrops. Elevation of the drill sites is at approximately 1560 metres (5120'). Local topography was surveyed by stadia methods and is presented as Map I in the pocket of this report.

During the June 22 to July 2 drilling period work was hampered to some extent by high winds, rain and some snow flurries. Snow drifts on the talus slope above DDH 84FF-2 limited location of the drill site.



Copies may be obtained from the Canada Map Office,
Department of Energy, Mines and Resources, Ottawa, Canada.

ELEVATIONS IN FEET
WHITEHORSE - 1st Edition 1972
 N.T.S. No. 10
Copyright reserved 1972

Produced by the Surveys and Mapping Branch,
Department of Energy, Mines and Resources.

D.C. SYNDICATE
FF GROUP LOGISTICS
 JUNE 1984
 LOCATION MAP
 FIGURE 1

MAGNETOMETER SURVEY

A Scintrex MP-2 proton magnetometer was rented in order to conduct a more detailed survey of the drill site areas and to allow extension of the survey grid in the valley below the main skarn outcrops. Readings were taken at 25 by 25 metre intervals in the drilling area and at 100 by 25 metre intervals on the grid extension. Results are plotted on Map II in the pocket of this report.

At the drill sites, on lines 19+50E to 21+00E, readings confirmed the magnetometer highs indicated by the 1983 survey. Figures 2 and 3 illustrate the diamond drill intersections below the local magnetic profile. These profiles also show the 86+00E magnetic profile from the JC claim group for comparison. Magnetite intersections in the holes were thinner and less well mineralized than had been expected.

The local magnetic anomaly at drill hole 84FF-1 shows a south easterly trend and a high reading of 1367 gammas. Local variations of magnetic intensity were more rapid and intense than was expected from a deeply covered magnetite skarn. It was assumed this variation was due to a southeasterly trending, steeply dipping, branch of the skarn deposit such as that mapped and sampled previously on the cliff face to the north. No near surface magnetite was encountered in the drill hole however. The upper skarn intersections at 134 feet and 160 feet are green and red garnet skarns separated by calc silicate. Banding at 162 feet was at 35° to 40° to core suggesting that these are, indeed, steeply dipping skarn branches.

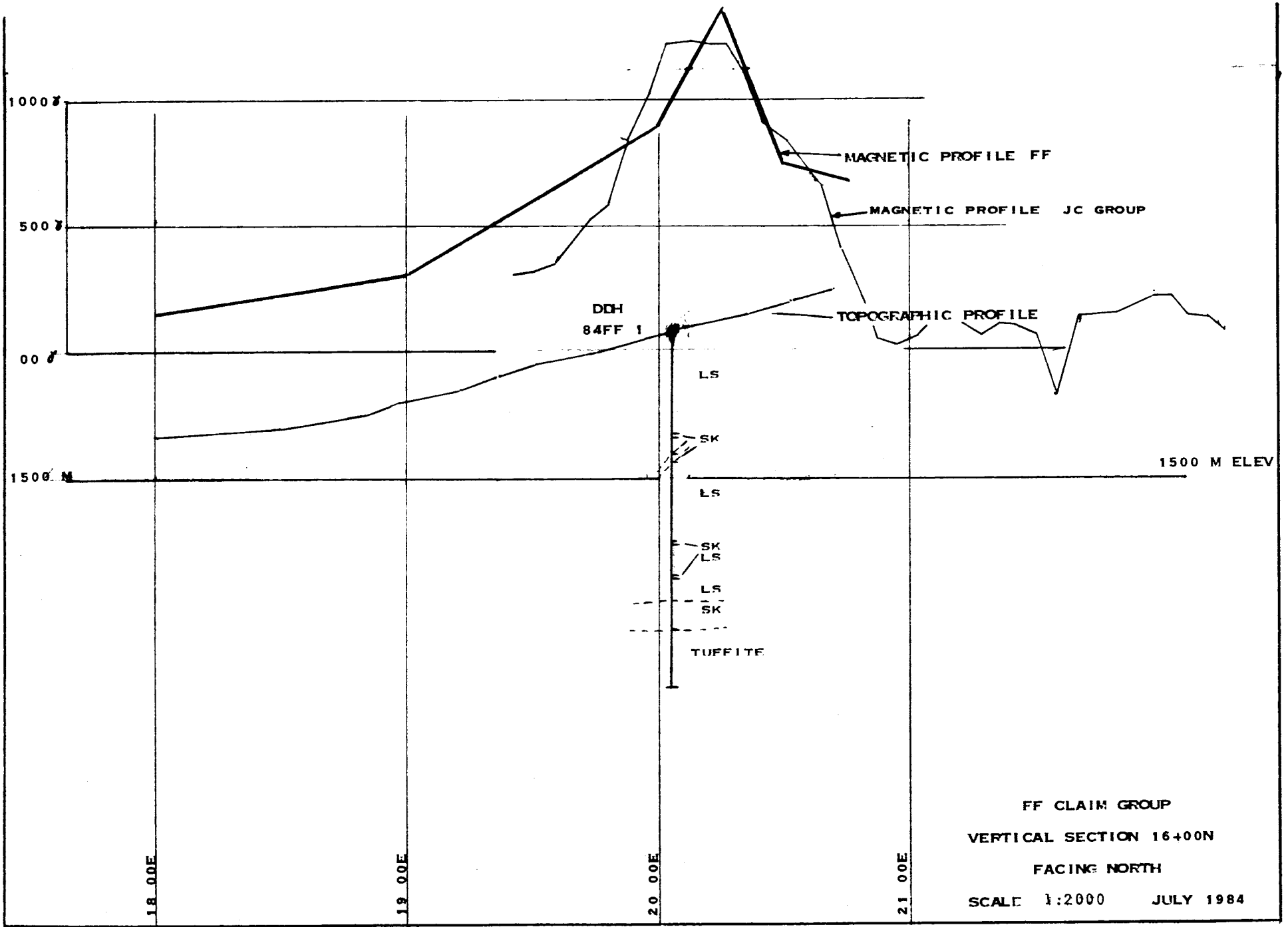


FIGURE 2

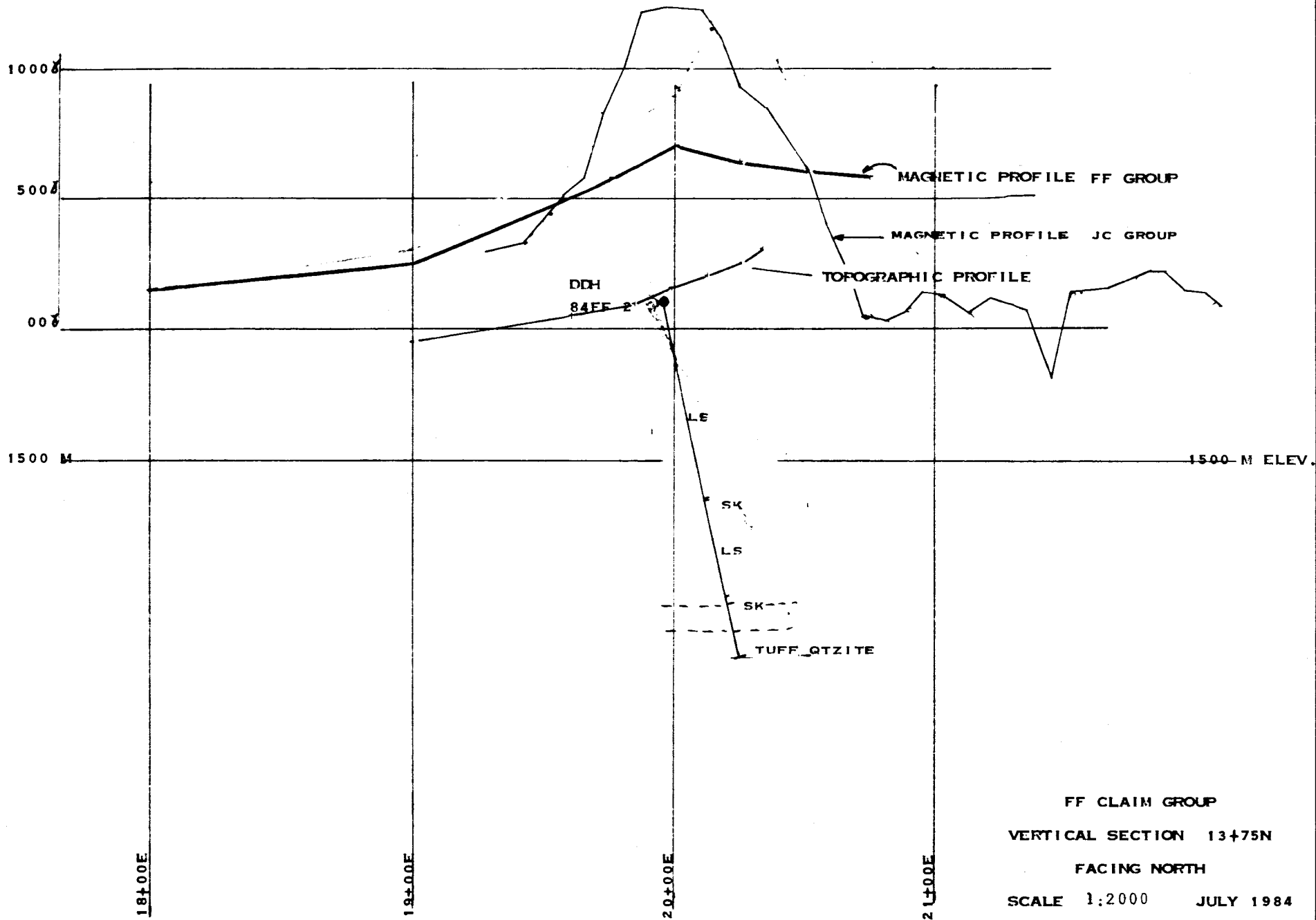


FIGURE 3

The main skarn horizon was encountered from 352.5 feet to 391.5 but magnetite was abundant in only 8.5 feet of this intersection. Appearance of the mineralization is poor with no arsenopyrite or chalcopyrite and the very low assays confirm this poor appearance.

At hole 84FF-2 the magnetic pattern again shows a southeast trend. Topography and snow conditions prevented location of the drill hole more nearly in the centre of the anomaly and it was drilled at -75° in a southeasterly direction to attempt to reach into the strongest portion of the anomaly. Again magnetic variations are more rapid and local than should be expected from a deeply (600') buried magnetite zone. The main skarn horizon was, in fact, encountered between 387 feet and 425 feet. Several rather widely separated sections of this skarn zone contain significant magnetite mineralization with rare chalcopyrite and unusually abundant pyrite. The appearance of the intersection overall, however, is not encouraging.

Figure 4 illustrates two possible projections of the top of the granite outcropping in Tam Cirque to the east of the drill area.

The magnetometer survey in the valley was intended to explore for extension of the magnetite bearing skarn to the east around the north nose of the limestone ridge. Lines 19E to 27E were each extended 200 metres north and readings were taken at 25 metre intervals on lines 100 metres apart. The magnetic pattern shown on Map II does not indicate an extension to the east but rather the possibility of an extension to the northwest toward the reported limestone outcrops on the north side of the valley. Very limited prospecting in that area failed to find surface indications of magnetite.

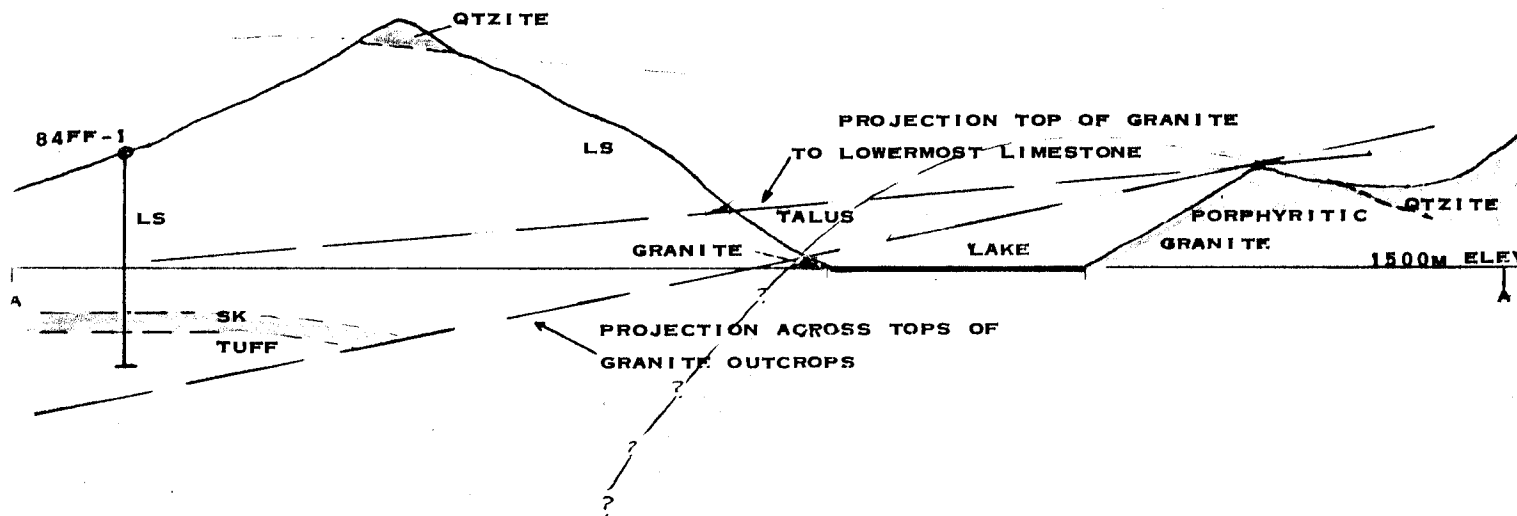
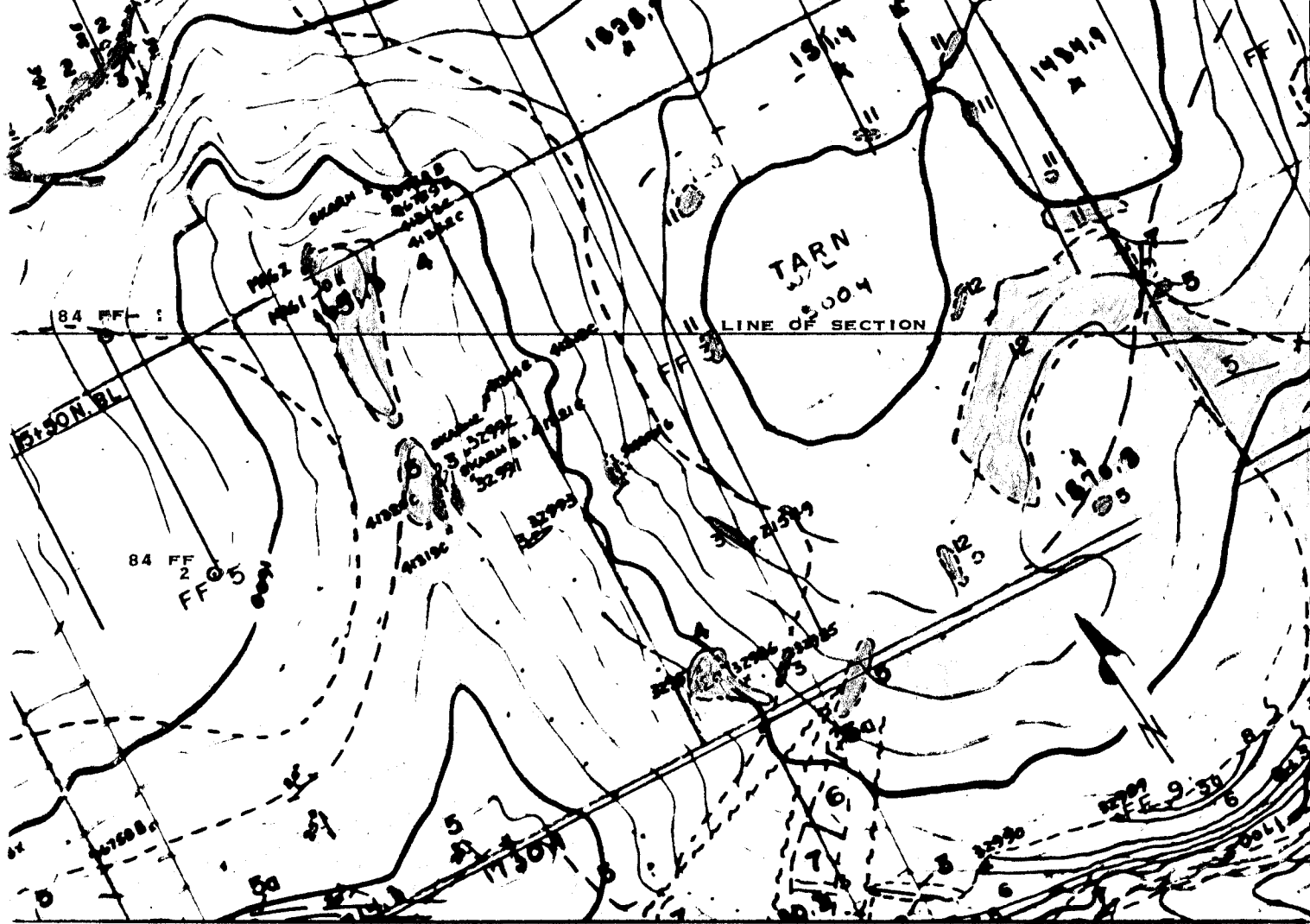


FIGURE 4

D.C. SYNDICATE
 FF CLAIM GROUP
 PROJECTION OF TOP OF GRANITE
 SCALE 1:5000 JULY 1984

DIAMOND DRILL RESULTS

Diamond drill logs for holes 84FF-1 and 84FF-2 are included in this report as Appendix I. Drill hole 84FF-1 was drilled vertically and intersected the main skarn horizon close to its projected position as indicated by Figure 4 in our "Geophysical, Geological Report" dated September 3, 1983. Banding in the core at this horizon is at approximately 90° to the core.

Skarn intersections in the upper part of 84FF-2 were relatively narrow with banding at 35° to 40° to the core. These represent poorly developed steeply dipping branches of the main skarn horizon.

Assay and geochemical values for tin in these skarns were 0.03% Sn or less. No scheelite was detected by lamping of the core.

Drill hole 84FF-2 was drilled at 124° at -75°. It encountered a narrow (3.5') skarn at 249' which contained relatively abundant molybdenite. The main skarn horizon was encountered at 387 feet and has a total thickness of 38 feet. Sections of this core contained significant magnetite, although considerably less than had been expected, and is unusually rich in pyrite between 387 and 395 feet.

Assay of the skarn section reported to contain molybdenite returned only 0.024% Mo. From the quantity of mineral visible this assay is thought to be too low and it is possible the mineral is graphite. This same section returned the only tin assay of any real magnitude being 0.36% across 1.1 metres.

The main skarn zone returned only 0.05% Sn/1.6 m, 0.08% Sn/0.6 m, and 0.06% Sn/2.1 m in the magnetite skarn sections. Other values are extremely low.

Two sulphide bearing sections of skarn were assayed for Au and Ag. Gold ran <0.003 oz; Ag 0.03 and 0.04 oz T.

Hole 84 FF-1 was run 75.5 feet below the main skarn horizon and 35 feet below the last significant fracturing and alteration without locating signs of granitic intrusions. As indicated by Figure 4 a 200 metre hole at -45°, drilled easterly or southeasterly from the site of 84FF-1, would test the skarn approximately 120 metres closer to the presumed granite contact.

Core recovery was normally near 100% except near the bottom of 84FF-2 where some core was ground for no apparent reason. The rock appears hard and competent and must have taken considerable energy to grind. An average of 8.1 feet were drilled per drilling hour.

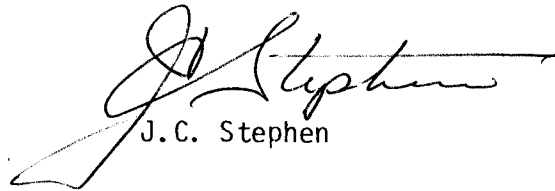
SUMMARY AND CONCLUSIONS

A relatively flat lying skarn horizon, some 2800 feet long in outcrop exposure, occurs on the north facing cliff face on claims FF 4, 6 and 8. The southerly down dip extension of this skarn was tested by two diamond drill holes over a distance of approximately 1080 feet (330 metres). The skarn proved to be very persistent but contained tin values well below ore grade.

Some potential remains to find better grade material closer to the granite contact but potential for very large tonnages is severely restricted.

No further work is recommended at this time.

Respectfully submitted,
J.C. Stephen Explorations Ltd.



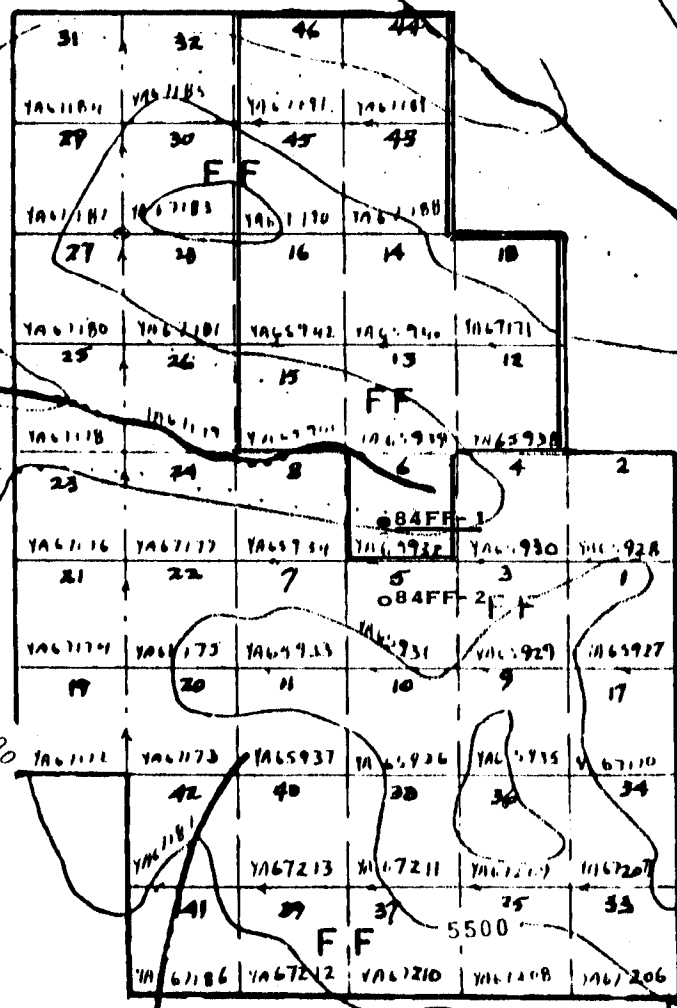
J.C. Stephen

ENGLISH

CREEK

5000

5500



5000

5000

5500

4000

4500

FIGURE 6

FF CLAIM GROUP
 CLAIM MAP AND GROUPING PLAN
 Scale 1" = 1/2 mile July 1984

STATEMENT OF EXPENDITURES

DDH 84FF-1 located on FF 6	467'
DDH 84FF-2 located on FF 5	457'
Core stored on site.	

COSTS:

Casing	45' @ \$26	\$ 1,170.00
Coring	879' @ \$21	18,459.00
Labour - field time 185 hours @ \$25		4,625.00
Dip tests		280.00
Groceries/camp		840.00
Insurance		200.00
Materials, casing, mud etc		1,383.39
Air fares, travel expense		1,553.54
Truck use		480.00
		<hr/>
	Total drilling cost	\$28,990.93

Does not include assaying, surveys, supervision or helicopter costs.

A P P E N D I X I

DIAMOND DRILL LOGS

Purpose Comment	SURVEY:		ANGLE	
	Footage	Bearing	Reading	Corrected
106.5' - 110' GREY LIMESTONE. INCLUDES 1' CALC SILICATE (32.5' - 33.5m) AND COARSE GRAINED SKARN				
110' - 114' (33.5' - 34.7m) SILICEOUS & CALC SILICATE ALTERATION, 8" RED GARNET SKARN & COARSE BLADED MOLLASTONITE?				
114' - 128' 4" CHERT AT 114'. GREY LIMESTONE. SHORT SECTIONS SILICIFIED. (34.7' - 39.0m)				
128' - 134' MIXED GREY LIMESTONE. SILICIFIED SECTIONS, 6" DARK CHERT, MINOR (39.0' - 40.8m) CHLORITIZED FRACTURES FINE DISSEM PY.				
134' - 140' DARK GREEN F.G. DIAPYRIDE SKARN INCLUDING 1/5' CALC SILICATE (40.8' - 42.7m)				
140' - 160' CALC SILICATE (42.7' - 48.8m) WHITE TO GREENISH WHITE, DENSE. NUMEROUS IRREGULAR FINE FRACTURES AND IRREGULAR BANDS UP TO 1/2' GREEN AND PINK RED GARNET SKARN. AT 148' BANDING AT 40° TO CORE.				
160' - 173.5' POORLY DEVELOPED RED GARNET SKARN. AT 162' BANDING (48.8' - 52.9m) AT 35° - 40°				
173.5' - 181.5' CALC SILICATE DENSE FINEGRAINED, MANY IRREGULAR (52.9' - 55.3m) GREEN (CHLORITE?) FILLED FRACTURES 173.5' - 175'				
181.5' - 184.5' LUGGY CRUSHED LIMESTONE. BANDING AT 60°. FAULT ZONE (55.3' - 56.2m)				
184.5' - 188' SILICIFIED LIMESTONE & LIMESTONE. MINOR BANDING AT 75° - 80° (56.2' - 57.5m)				
188' - 197' LIMESTONE - MASSIVE DARK GREY (57.5' - 60.0m)				
197' - 206' MIXED GREY LIMESTONE AND DARK CHERT IN IRREGULAR BODIES. (60.0' - 62.9m) LIGHT GREY LIMESTONE WITH IRREGULAR CHLORITIC FRACTURES				
206' - 210' CALC SILICATE - LIGHT COLOR.				
210' - 213' GRADES INTO DARK THIN BEDDED SILTY LIMESTONE.				
213' - 218' LIMESTONE GREY WITH IRREGULAR WHITE CALCITE BANDS				

Length _____	Contractor _____	J.C. STEPHEN EXPLORATIONS LTD.
Bearing _____	Core _____ Stored _____	
Dip _____	Casing _____	
Lat. _____	Logged by _____ Date _____	
Dep. _____	Location _____	
Elev _____		Hole No. <u>84 FF-1</u>
O.B. Thickness _____	Started _____ Finished _____	Project <u>DC SYNDICATE</u>
B.R. Thickness _____	Started _____ Finished _____	Claim <u>FF GROUP</u>
		Page <u>2</u> of _____

Purpose Comment	SURVEY:		ANGLE	
	Footage	Bearing	Reading	Corrected
218-221 PALE CRUSHED LIMY FRACTURE ZONE & PALE CALC SILICATE				
221-249' LIMESTONE - GREY, MASSIVE, MOTTLED (67.4-75.9m)				
244-245' PALE TO DARK GREEN EPIDOTE AND PINK GARNET SKARN AT 45° TO CORE. IRREGULAR CONTACTS.				
249-256' THIN BODIES DARK CHERT, PALE GRAINY LIMESTONE, MINOR CALC SILIC.				
256'-259' LIMESTONE GREY, MINOR CHERT				
259'-276' LIMESTONE LIGHT COLOR WITH GREY BANDS. (78.9-84.1m) 21'-261.7' - PINK GARNET MAGNETITE SKARN AT 45° TO CORE BANDING AT 80° TO CORE				
276'-286' COARSE GREEN GARNET SKARN WITH CONSIDERABLE CALCITE				
280'-320' LIMESTONE... SLIGHTLY GREENISH TO PINK. JARRE. (85.3-97.5m) SILICIFIED LS AND MINOR CALC SILICATE. SCATTERED THIN CHERT BODIES				
296'-298' IRREGULAR MAGNETITE FILLED FRACTURE ALONG CORE				
320-324' CALC SILICATE SKARN GREEN TO RUSTY RED GARNETS (97.5-98.7m) AND EPIDOTE				
GEOLOGY				
MINERAL		Py		
FRACTURING				
ALTERATION				
SCALE	1" = _____			
BOX No.	70	75	80	85
% CORE RECOVERED				
DRILLING INTERVAL				

Length _____ Contractor _____
 Bearing _____ Core _____ Stored _____
 Dip _____ Casing _____
 Lat _____ Logged by _____ Date _____
 Dep. _____ Location _____
 Elev _____
 O B. Thickness _____ Started _____ Finished _____
 B R Thickness _____ Started _____ Finished _____

**J.C. STEPHEN
EXPLORATIONS
LTD.**
 Hole No 84 FF-1
 Project DC SYNDICATE
 Claim FF GROUP
 Page 3 of _____

Purpose Comment	SURVEY:		ANGLE	
	Footage	Bearing	Reading	Corrected
324-352.5' LIMESTONE MASSIVE WHITE TO SHADES PINK AND GREENISH. MINOR DARK CHERT. (96.7-107.4m)				
352.5'-391.5' SKARN (107.4-119.3m) . 352.5' GREENISH. EPIDOTE? OR FINE DIOPSIDE SKARN. WITH REDDISH GARNETS. BANDING NEAR 90°.				
362-371.5' COARSEL REDDISH GARNETS				
371.5-372.5' THIN BANDED TUFF??				
372.5-373.5' FINE GRAINED CHERTY ROCK, PURPLE FLUORITE ON FRACTURES. 3" TUFF AT END OF SECTION.				
373.5-382 (113.8-116.4m) RED GARNET AND MAGNETITE SKARN 50% MAGNETITE.				
382-391.5' FINE GRAINED, FINE BANDED PINK GARNET AND GREEN CALC SILICATE SKARN				
391.5-398' TUFFITE? WITH FG. PINK GARNETS, GREEN CALC SILICATE (119.3-121.3m) THIN BANDING AT 90° TO CORE. NUMEROUS FINE DARK GREEN FRACTURES				
398'-432' TUFFITE OLIVE TO DARK GREEN, MASSIVE. (121.3-131.7m) MANY DARK GREEN (TOURMALINIZED) FRACTURES				
GEOLOGY				
MINERAL				
FRACTURING				
ALTERATION				
SCALE 1" = _____				
BOX No.	100	105	110	115
% CORE RECOVERED				
DRILLING INTERVAL				

Length _____ Contractor _____
 Bearing _____ Core _____ Stored _____
 Dip _____ Casing _____
 Lat. _____ Logged by _____ Date _____
 Dep. _____ Location _____
 Elev _____
 O.B. Thickness _____ Started _____ Finished _____
 B.R. Thickness _____ Started _____ Finished _____

J.C. STEPHEN EXPLORATIONS LTD.
 Hole No. 8A FF-1
 Project DC SYNDICATE
 Claim FF GROUP
 Page 4 of _____

From	To	Width	Recovery		Sample	Assays							
			ft./lbs.	%		Sn	Sn						
						PPM	ASSAY						
134.2	140.0	5.8'			08151E	110							
159.7	165.5	5.8'			08152E	54							
165.5	172.3	6.8'			08153E	70							
261.2	262.0	0.8'			08154E	120							
276.7	280.0	3.3'			08155E	270							
320.2	324.7	4.5'			08156E	140							
352.8	362.2	9.4'			08157E	120							
362.2	371.8	9.6'			08158E	105							
371.8	373.6	1.8'			08159E	9							
373.6	375.3	1.7'			08160E		0.03%						
375.3	380.5	5.2'			08161E	260							
380.5	382.7	2.2'			08162E	150							
382.7	392.0	9.3'			08163E	120							
392.0	399.3	7.3'			08164E	42							

Length 467' Contractor DRIL-COR
 Bearing _____ Core BQ Stored ON SITE.
 Dip _____ Casing _____
 Lat _____ Logged by _____ Date _____
 Dep. _____ Location _____
 Elev _____
 O B Thickness _____ Started _____ Finished _____
 B R Thickness _____ Started _____ Finished _____

J.C. STEPHEN
EXPLORATIONS
LTD.

Hole No 84 FF-1
 Project DC SYNDICATE
 Claim FF GROUP
FF#6 Page 6 of 6

LOCATION, TOPOGRAPHY AND ACCESS

The FF claim group is located 40 kilometres north-east of Teslin and access has been entirely by helicopter. See Figure 1 Location Map.

Drilling during this program was done from two sites near the base of the talus slope at the east end of a local plateau above the main skarn horizon outcrops. Elevation of the drill sites is at approximately 1560 metres (5120'). Local topography was surveyed by stadia methods and is presented as Map I in the pocket of this report.

During the June 22 to July 2 drilling period work was hampered to some extent by high winds, rain and some snow flurries. Snow drifts on the talus slope above DDH 84FF-2 limited location of the drill site.

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Length _____	Contractor _____	J.C. STEPHEN EXPLORATIONS LTD.
Bearing _____	Core _____ Stored _____	
Dip _____	Casing _____	
Lat. _____	Logged by _____ Date _____	
Dep. _____	Location _____	
Elev _____		Hole No. <u>84 FF-1</u>
O.B. Thickness _____	Started _____ Finished _____	Project <u>DC SYNDICATE</u>
B.R. Thickness _____	Started _____ Finished _____	Claim <u>FF GROUP</u>
		Page <u>2</u> of _____

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276'-286' COARSE GREEN GARNET SKARN WITH CONSIDERABLE CALCITE				
280'-320' Limestone... SLIGHTLY GREENISH TO PINK. JARRE (85.3-97.5m) SILICIFIED LS AND MINOR CALC SILICATE. SCATTERED THIN CHERT BODIES				
296'-298' IRREGULAR MAGNETITE FILLED FRACTURE ALONG CORE				
320-324' CALC SILICATE SKARN GREEN TO RUSTY RED GARNETS (97.5-98.7m) AND EPIDOTE				
GEOLOGY				
MINERAL		Py		
FRACTURING				
ALTERATION				
SCALE				
BOX No.	70	75	80	85
% CORE RECOVERED				
DRILLING INTERVAL				

Length _____ Contractor _____
 Bearing _____ Core _____ Stored _____
 Dip _____ Casing _____
 Lat _____ Logged by _____ Date _____
 Dep. _____ Location _____
 Elev _____
 O B. Thickness _____ Started _____ Finished _____
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GEOLOGY				
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ALTERATION				
SCALE 1" = _____				
BOX No.	100	105	110	115
% CORE RECOVERED				
DRILLING INTERVAL				

Length _____ Contractor _____
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J.C. STEPHEN EXPLORATIONS LTD.
 Hole No. 8A FF-1
 Project DC SYNDICATE
 Claim FF GROUP
 Page 4 of _____

From	To	Width	Recovery		Sample	Assays							
			ft./lbs.	%		Sn	Sn						
						PPM	ASSAY						
134.2	140.0	5.8'			08151E	110							
159.7	165.5	5.8'			08152E	54							
165.5	172.3	6.8'			08153E	70							
261.2	262.0	0.8'			08154E	120							
276.7	280.0	3.3'			08155E	270							
320.2	324.7	4.5'			08156E	140							
352.8	362.2	9.4'			08157E	120							
362.2	371.8	9.6'			08158E	105							
371.8	373.6	1.8'			08159E	9							
373.6	375.3	1.7'			08160E		0.03%						
375.3	380.5	5.2'			08161E	260							
380.5	382.7	2.2'			08162E	150							
382.7	392.0	9.3'			08163E	120							
392.0	399.3	7.3'			08164E	42							

Length 467' Contractor DRIL-COR
 Bearing _____ Core BQ Stored ON SITE.
 Dip _____ Casing _____
 Lat _____ Logged by _____ Date _____
 Dep. _____ Location _____
 Elev _____
 O B Thickness _____ Started _____ Finished _____
 B R Thickness _____ Started _____ Finished _____

J.C. STEPHEN
EXPLORATIONS
LTD.

Hole No 84 FF-1
 Project DC SYNDICATE
 Claim FF GROUP
FF#6 Page 6 of 6

Purpose Comment	SURVEY:		ANGLE	
	Footage	Bearing	Reading	Corrected
TO PINK GARNET SKARN - MUCH IMPURE QUARTZITIC SEDIMENT. 453-457' FINE GRAINED DARK GREY MASSIVE TURFACEDOUS (138-139.3M) TO QUARTZITIC SEDIMENTS. 30%? GROUND CORE. END OF HOLE 457' (139.3M)				
GEOLOGY				
MINERAL				
FRACTURING				
ALTERATION				
SCALE	1:200			
BOX No.	135	140	145	
% CORE RECOVERED				
DRILLING INTERVAL				

Length _____	Contractor _____	J.C. STEPHEN EXPLORATIONS LTD.
Bearing _____	Core _____ Stored _____	
Dip _____	Casing _____	Hole No. <u>84 FF-2</u>
Lat. _____	Logged by _____ Date _____	Project <u>DC SYNDICATE</u>
Dep. _____	Location _____	Claim <u>FF-5</u>
Elev _____		Page <u>5</u> of _____
O B. Thickness _____ Started _____ Finished _____		
B R Thickness _____ Started _____ Finished _____		

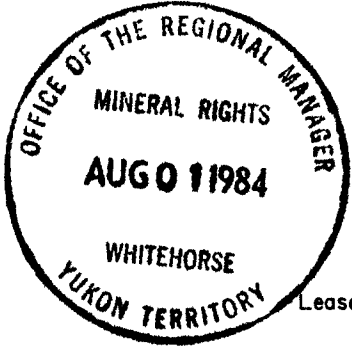
From	To	Width	Recovery		Sample	Assays							
			ft./lbs.	%		Sn PPM	Sn %	Mo %	Ag OZ/T	Au OZ/T			
249.0'	252.6'	3.6'			08165E		0.36	0.024	0.03	<0.003			
377.0'	378.7'	1.7'			08166E	140							
387.0'	392.5'	5.5'			08167E		0.05		0.04	<0.003			
392.5'	402.0'	9.5'			08168E	180							
402.0	411.0	9.0'			08169E	120							
411.0	413.2	2.2'			08170E		0.08						
413.2	419.8	6.6'			08171E		0.06						
419.8	428.3	8.5'			08172E	1							
428.3	432.7	4.4'			08173E	3							
432.7	439.5	6.8'			08174E	2							
439.5	444.7	5.2'			08175E	2							
444.7	454.0	9.3'			08176E	5							

Length _____ Contractor _____
 Bearing _____ Core _____ Stored _____
 Dip _____ Casing _____
 Lat _____ Logged by _____ Date _____
 Dep. _____ Location _____
 Elev _____
 O B Thickness _____ Started _____ Finished _____
 B R Thickness _____ Started _____ Finished _____

**J.C. STEPHEN
EXPLORATIONS
LTD.**
 Hole No 84 FF-2
 Project DC SYNDICATE
 Claim FF-5
 Page 6 of 6

FROM: Mining Recorder at Watson Lake

TO: Regional Manager, Mineral Rights at Whitehorse, Y.T.



FOR ACTION ARE:

NEW APPL'N for PLACER LEASE to PROSPECT: Name:

RENEWAL APPL'N PLACER LEASE to PROSPECT: Name:

AFFIDAVIT of EXPENDITURE on PLACER LEASE. Name:

SECURITY DEPOSIT

FINANCIAL ABILITY

ASSIGNMENT of PLACER LEASE No. _____
From: _____ To: _____

GROUPING APPL'N UNDER SEC. 52(2) PLACER MINING ACT.
Owner: _____

DIAMOND DRILL LOGS:
Claims: FF 5,6

Claim sheet no: 105-C-8

QUARTZ ASSESSMENT REPORT:
Claims: _____

Claim sheet no: _____

Type of report: _____

Submitted by: _____

Cls. work performed on _____

\$ Req. for ren. application _____

[Signature]
Signature

REPLY ACTION.

Date Ret. _____

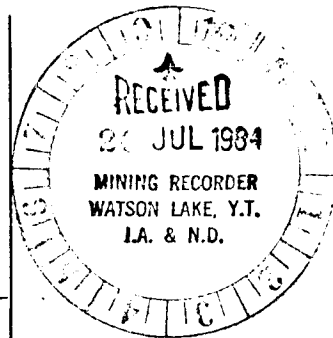
091547



Department of Indian Affairs and Northern Development
YUKON QUARTZ MINING ACT

FORM "C" - APPLICATION FOR A CERTIFICATE OF WORK

(This form required in duplicate with sketch showing location of work.)



I (Name)	J. C. STEPHEN	Occupation	PROSPECTOR
(Postal Address)	1458 RUPERT STREET, NORTH VANCOUVER, B.C. V7J 1G1		

OFFICE DATE STAMP

MAKE OATH AND SAY, THAT :-

- I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
- I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

YA65931 FF 5

situated at ENGLISH CREEK Claim Sheet No. 105C/8

In the WATSON LAKE Mining District, to the value of at least \$4900.

dollars, since the 26th day of June 1984
and the 8th day of September 1983

to represent the following mineral claims under the authority of Grouping Certificate No. _____
(Here list claims to be renewed in numerical order, by number and name, showing renewal period requested).

YA65927 - 931	FF 1 - 5	4 years	
YA65935	FF 9	4 years	120'
YA67110	FF 17	5 years	
YA67206 - 209	FF 33 - 36	5 years	125' / 245'

- The following is a detailed statement of such work: (Set out full particulars of the work done in the twelve months in which such work is required to be done, as shown by Section 53.)

457' OF BQ SIZE DIAMOND DRILLING ON FF5 AS DESCRIBED IN
"REPORT ON DIAMOND DRILLING FF 1 - 46 CLAIM GROUP"
DATED JULY 11, 1984

CORE IS STORED AT DRILL SITE

[Signature]

Sworn before me at NORTH VANCOUVER, B.C.

this 23 day of July 1984

[Signature]
Notary Public

[Signature]
Applicant.

A Notary Public in and for the Province of British Columbia Permanent Commission

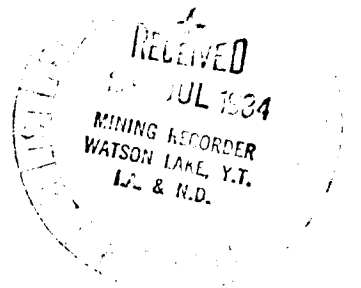
091547



Department of Indian Affairs and Northern Development
YUKON QUARTZ MINING ACT

FORM "C" - APPLICATION FOR A CERTIFICATE OF WORK

(This form required in duplicate with sketch showing location of work.)



I (Name)	JC. STEPHEN	Occupation	PROSPECTOR
(Postal Address)	1458 RUPERT STREET, NORTH VANCOUVER, B.C. V7J 1G1		

OFFICE DATE STAMP

MAKE OATH AND SAY, THAT :-

- I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
- I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

YA 65932 FF6

situated at ENGLISH CREEK Claim Sheet No. 105C/8
in the WATSON LAKE Mining District, to the value of at least \$4900.
dollars, since the 26th day of June 1984
and the 8th day of September 19 1983

to represent the following mineral claims under the authority of Grouping Certificate No. _____
(Here list claims to be renewed in numerical order, by number and name, showing renewal period requested).

YA 65932	FF 6	4 years	120'
YA 65938 - 942	FF 12 - 16	4 years	
YA 67171	FF 18	5 years	
YA 67188 - 191	FF 43 - 46	5 years	125/245'

- The following is a detailed statement of such work: (Set out full particulars of the work done in the twelve months in which such work is required to be done, as shown by Section 53.)

467' of BQ SIZE DIAMOND DRILLING ON FF 6 AS DESCRIBED IN
"REPORT ON DIAMOND DRILLING FF 1 - 46 CLAIM GROUP"
DATED JULY 11, 1984

CORE IS STORED AT DRILL SITE

Sworn before me at NORTH VANCOUVER, B.C.

this 23 day of July 1984

[Signature]
Notary Public

A Notary Public in and for Permanent
the Province of British Columbia Commission

[Signature]
Applicant.

091547



Department of Indian Affairs and Northern Development
YUKON QUARTZ MINING ACT

FORM "C" - APPLICATION FOR A CERTIFICATE OF WORK

(This form required in duplicate with sketch showing location of work.)



I (Name)	J. C. STEPHEN	Occupation	PROSPECTOR
(Postal Address)	1458 RUPERT STREET, NORTH VANCOUVER, B.C. V7J 1G1		

OFFICE DATE STAMP

MAKE OATH AND SAY, THAT :-

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.

2. I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

YA 65932 FF 6

situated at ENGLISH CREEK Claim Sheet No. 105C/8
in the WATSON LAKE Mining District, to the value of at least \$6400.
26th June 1984
dollars, since the and the 8th day of September 1983.

to represent the following mineral claims under the authority of Grouping Certificate No. _____
(Here list claims to be renewed in numerical order, by number and name, showing renewal period requested).

YA 65934	FF 8	4 years 20'
YA 67174 - 185	FF 21 - 32	5 years 350'/320'

3. The following is a detailed statement of such work: (Set out full particulars of the work done in the twelve months in which such work is required to be done, as shown by Section 53.)

467' of BQ SIZE DIAMOND DRILLING ON FF 6 AS DESCRIBED IN
"REPORT ON DIAMOND DRILLING FF 1 - 46 CLAIM GROUP"
DATED JULY 11, 1984

CORE IS STORED AT DRILL SITE *[Signature]*

Sworn before me at NORTH VANCOUVER, B.C.

this 23 day of July 1984

[Signature]
Notary Public

[Signature]
Applicant.

A Notary Public in and for the Province of British Columbia Permanent Commission

091547



Department of Indian Affairs and Northern Development
YUKON QUARTZ MINING ACT

FORM "C" - APPLICATION FOR A CERTIFICATE OF WORK

(This form required in duplicate with sketch showing location of work.)



I (Name)	J. C. STEPHEN	Occupation	PROSPECTOR
(Postal Address)	1458 RUPERT STREET, NORTH VANCOUVER, B.C. V7J 1G1		

OFFICE DATE STAMP

MAKE OATH AND SAY, THAT :-

- I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
- I have done, or caused to be done, work on the following mineral claim(s):
(Here list claims on which work was actually done by number and name)

YA65931 FF 5

situated at ENGLISH CREEK Claim Sheet No. 105C/8
 in the WATSON LAKE Mining District, to the value of at least \$5200.
26th June 1984
 dollars, since the and the 8th day of September 1983.

to represent the following mineral claims under the authority of Grouping Certificate No. _____
 (Here list claims to be renewed in numerical order, by number and name, showing renewal period requested).

YA65933	FF 7	4 years
YA 65936, 937	FF 10, 11	3x5x 4 years 60
YA 67172, 173	FF 19, 20	5 years 200/
YA 67210 - 213	FF 37 - 40	5 years 260'
YA 67186, 187	FF 41, 42	5 years

- The following is a detailed statement of such work: (Set out full particulars of the work done in the twelve months in which such work is required to be done, as shown by Section 53.)

457' OF BQ SIZE DIAMOND DRILLING ON FF5 AS DESCRIBED IN
 "REPORT ON DIAMOND DRILLING FF 1 - 46 CLAIM GROUP"
 DATED JULY 11, 1984

CORE IS STORED AT DRILL SITE *JS*

Sworn before me at NORTH VANCOUVER, B.C.
 this 23 day of July 1984

Notary Public

 Notary Public

A Notary Public in and for the Province of British Columbia
 Permanent Commission

J.C. Stephen

 Applicant.

091547



26 July 1984

DIRECTOR GENERAL, YUKON REGION

Your file Votre référence

Attention: Regional Manager
Mineral Rights

Our file Notre référence
340-13-3

RESTRICTED

Enclosed are Diamond Drill Logs and maps submitted by J. C. Stephen Explorations Ltd., on FF mineral claims located on claim sheet 105-C-8.

Drilling was as indicated below:

DDH 84FF-1	467'	(FF6)
DDH 84FF-2	457'	(FF5)

Drill core is being stored at the site. Total credit requested is \$21,400.00.

Yours truly,

Patti L. McLeod
Mining Recorder
Watson Lake Mining District
P. O. Box 269
Watson Lake, Yukon
YOA 1C0

PJ
encl.
cc:Regional Manager
Geology

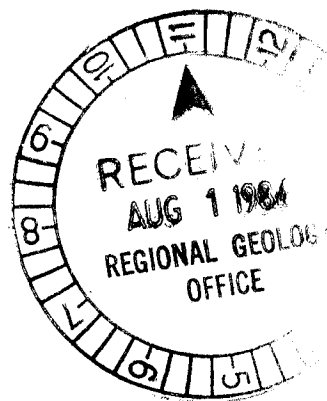
Canada

001547

091547



26 July 1984



DIRECTOR GENERAL, YUKON REGION

Your file Votre référence

Attention: Regional Manager
Mineral Rights

Our file Notre référence

340-13-3

RESTRICTED

Enclosed are Diamond Drill Logs and maps submitted by J. C. Stephen Explorations Ltd., on FF mineral claims located on claim sheet 105-C-8.

Drilling was as indicated below:

DDH 84FF-1	467'	(FF6)
DDH 84FF-2	457'	(FF5)

Drill core is being stored at the site. Total credit requested is \$21,400.00.

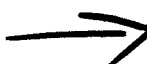
Yours truly,

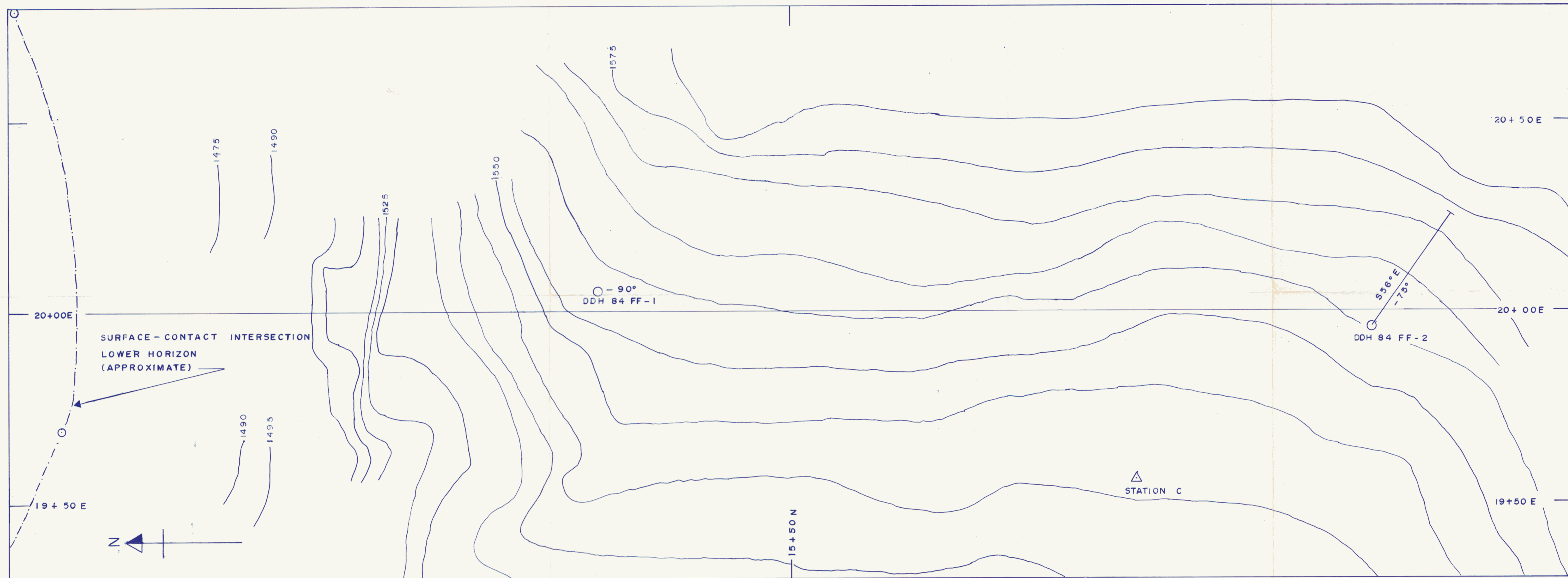
Patti L. McLeod
Mining Recorder
Watson Lake Mining District
P. O. Box 269
Watson Lake, Yukon
YOA 1C0

PJ

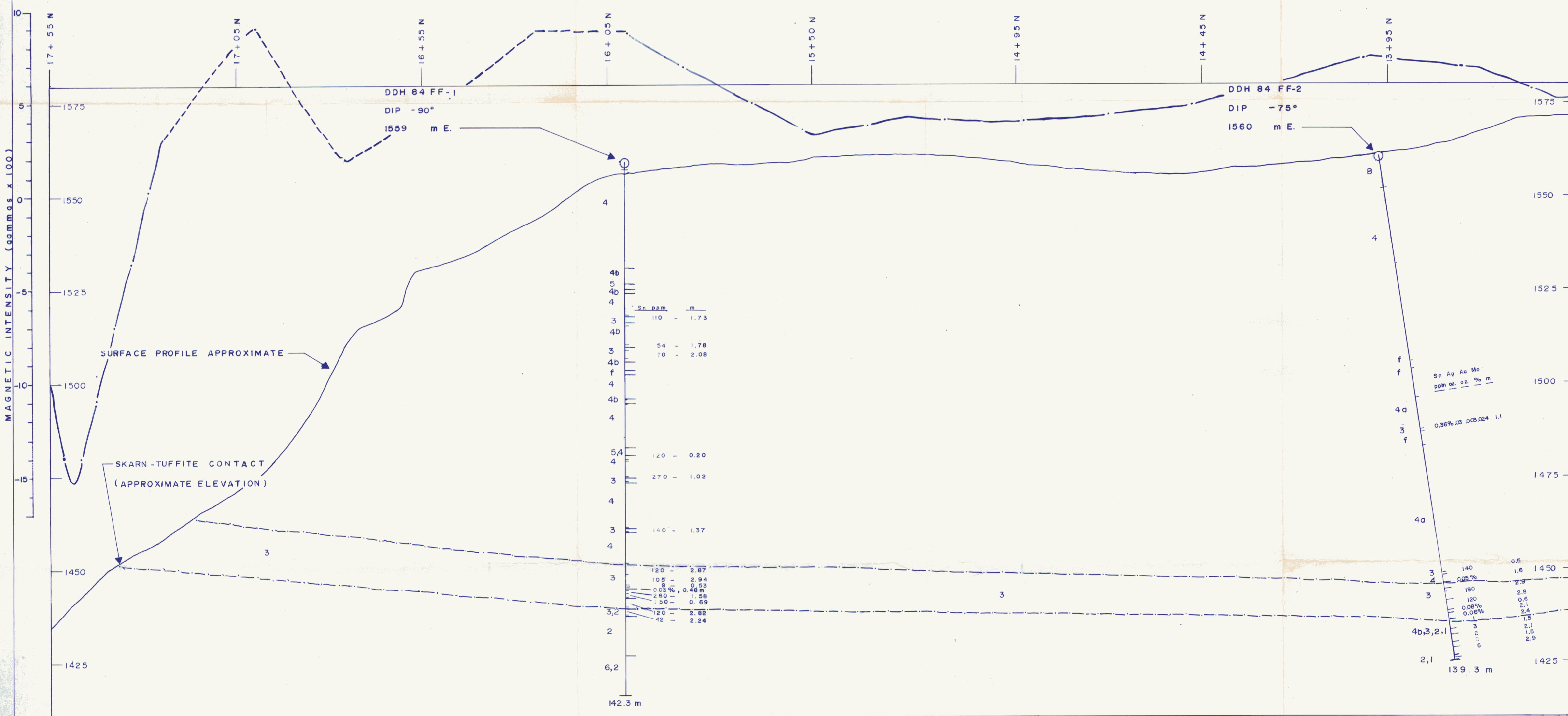
encl.

cc: Regional Manager
Geology





PLAN



SECTION

LEGEND

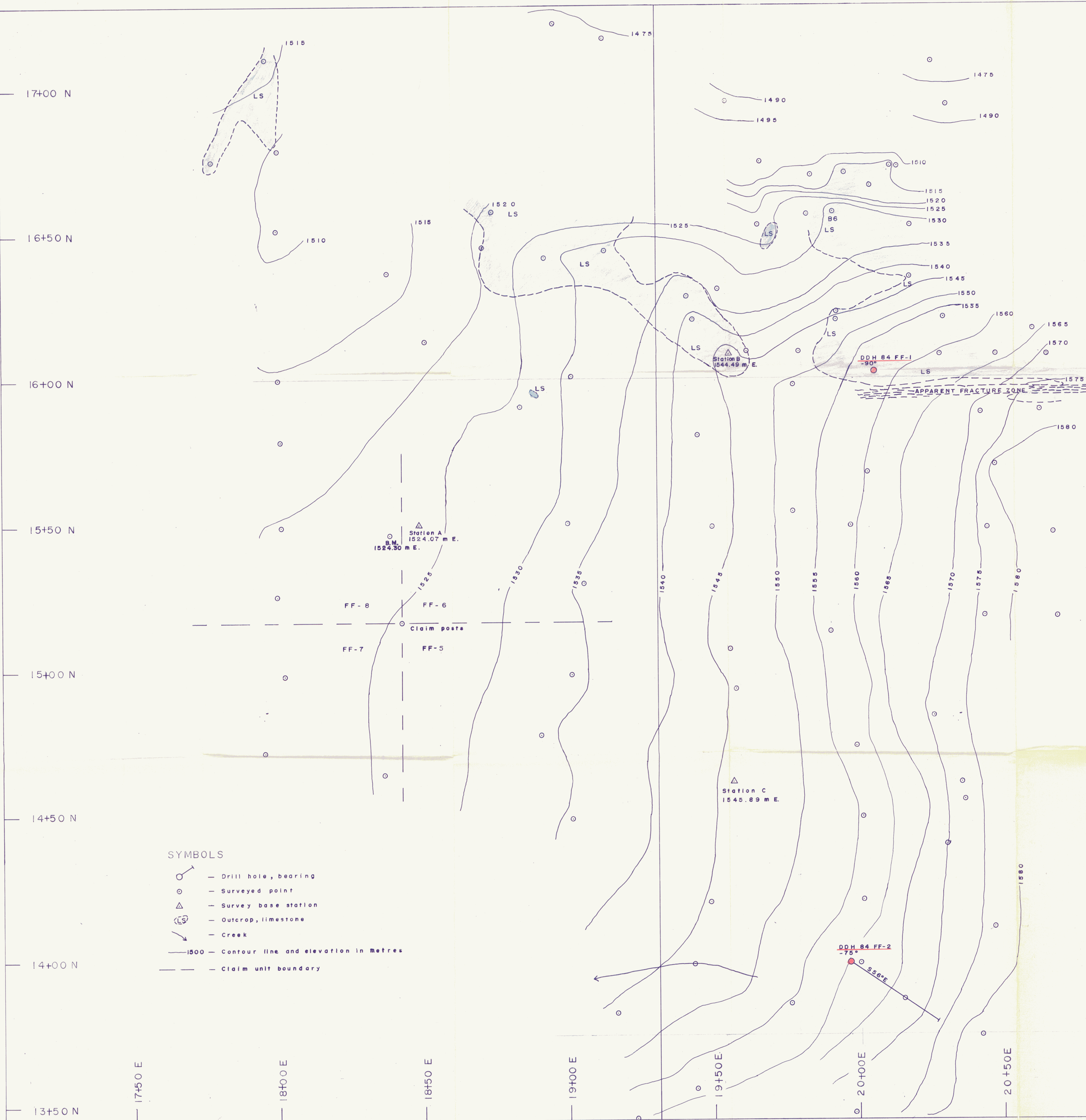
- 6 - Overburden, Talus
- 6 - Conglomerate
- 5 - Chert
- 4 - Limestone
- 4a - Calcite rich
- 4b - Calc-silicate
- 3 - Skarn
- 2 - Tuffite
- 1 - Quartzite
- f - Fault, Fracture zone

SYMBOLS

- - Drill hole collar, bearing
- - Surveyed point
- △ - Survey base station
- - Skarn contact
- 1500 - Contour line and elevation in metres
- - Magnetic intensity profile

CONTOUR INTERVAL = 5 m

J.C. STEPHEN EXPLORATIONS LTD.
 D.C. SYNDICATE
 FF CLAIM GROUP
 TOPOGRAPHY, SECTION
 20+00 E
 0 10 20 30 40 50 metres
 SCALE 1:500 JUNE 1984



- SYMBOLS**
- Drill hole, bearing
 - Surveyed point
 - Survey base station
 - Outcrop, limestone
 - Creek
 - Contour line and elevation in Metres
 - Claim unit boundary

N
↑

CONTOUR INTERVAL = 5 m

091547

J.C. STEPHEN EXPLORATIONS LTD.
D.C. SYNDICATE

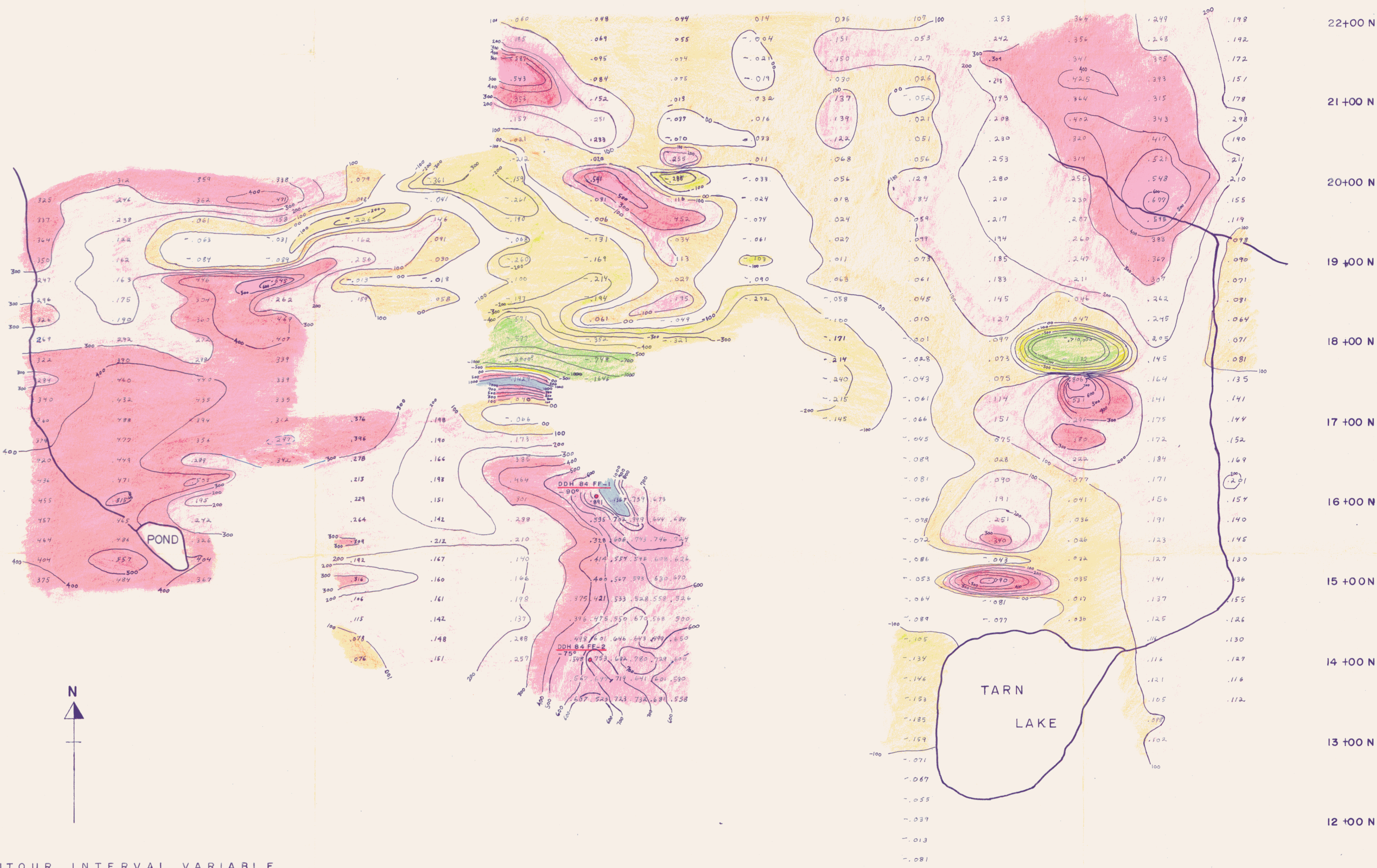
**F.F. CLAIM GROUP
TOPOGRAPHY**

0 10 20 30 40 50 metres

SCALE 1:500 JUNE 1984

MAP I

13+00 E 14+00 E 15+00 E 16+00 E 17+00 E 18+00 E 19+00 E 20+00 E 21+00 E 22+00 E 23+00 E 24+00 E 25+00 E 26+00 E 27+00 E 28+00 E



CONTOUR INTERVAL VARIABLE

J.C. STEPHEN EXPLORATIONS LTD.
D.C. SYNDICATE
F.F. CLAIM GROUP
MAGNETOMETER

0 50 100 150 200 250
metres

SCALE 1:2500