

DIAMOND DRILLING



010

TOWNSHIP: Foster

REPORT No.:

WORK PERFORMED BY: Sulpetro Minerals Ltd.

<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
S. 471204	3115-29	152.4m	Jan/85	(1)
	<u>1 D<del>H</del></u>	<u>152.4 M</u>		

NOTES: (1) #26-85



METRES		SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH metres	EST% WO <sub>3</sub>	ASSAYS PPB		
FROM	TO								% WO <sub>3</sub>	Au	
22.56	34.5		cont'd. MINERALIZATION: Minor Py in veins and as films on fractures. Overall Py less than 1/2% but isolated concentrations to 10% over 1 to 2 cm.  REMARKS: Med. grey, med grained tremolitic quartzite - 1 to 2 cm. beds, 30.1 to 30.6 and 30 cm. bed at 32.2m. and 32.8 to 33.1 m. Unit looks similar to but contains much more fine sand than "Greywacke Member" on Brazil Lake.								
34.5	40.8		ALTERED MEDIUM GREY SILTSTONE-GREYWACKE OR FINE QUARTZITE Fine grained very hard nearly massive quartzofelspathic rock with dark, 1 to 5 cm. elongate remnants unbleached rock.  STRUCTURE: Sections broken core due to fractures at 10° to 20° Vague, streaky layering (bedding?) at 40°  ALTERATION: Strong to moderate bleaching-silification throughout.								
			VEINS: 37.5 - 5 cm. milky white quartz vein at 45° with 2 to 3 % scheelite; a little Sph, Py, and tr Po. Minor Qtz.-veinlets (1cm. or less) with tr. scheelite at 35 m., 36.5m., 37.4m., and 37.6m.  MINERALIZATION: See 'veins' tr Py as films on fractures 20% Py over 1 cm. in argillite bed at 40.5 m.	4363	36.2	37.2	1.0	tr.			
				4364	37.2	37.7	0.5	0.3			
				4365	37.7	38.2	0.5	nil			
40.8	41.7		PORPHYRITIC METADIABASE DYKE  Medium grey, medium grained Cts broken. Mafics altered to tremolite-actinolite. Weakly magnetic.  MINERALIZATION: 1 to 2% disseminated Py.								

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FEB 11 1968  
A.M. 10:11 P.M. 12:19

METRES		SECTION	DESCRIPTION	SAMPLE NO	FROM	TO	LENGTH metres	EST% WO <sub>3</sub>	ASSAYS PPB		
FROM	TO								% WO <sub>3</sub>	Au	
41.7	49.0		ALTERED MEDIUM GREY CALCAREOUS SILTSTONE-GREYWACKE F.G. QUARTZITE								
			As above between 34.5 and 40.8 except moderately calcareous.								
			STRUCTURE: Massive to thinly bedded at 45°. Crackled and re-cemented. A few sections of broken core. Minor gouge at 48.0m.								
			ALTERATION: Light brown pervasive silicification; Moderate (a few %) pervasive calcite plus minor calcite veinlets increasing to 3 to 5 % of rock at last 1m.								
			MINERALIZATION: tr scheelite at 44.0m, 45.8m, 1/2% over 20 cm. at 46.6m and 1/2% over 20 cm. at 47.8. tr to locally 1% Py as films on fractures.	4366	46.0	47.5	1.5	tr			
				4367	47.5	49.0	1.5	tr			
49.0	50.1		ALTERED MASSIVE CALCAREOUS SILTSTONE								
			Dark grey, fine grained. 20 to 40% calcite pervasive and as 1 to 3mm. veinlets. Slightly skarned with dark amphibole especially toward bottom.								
			MINERALIZATION: 1/2 to 2% disseminated and veinlet Py. Disseminated scheelite here and there with 1% over over 30 cm. with Py at 49.5m.	4368	49.0	50.0	1.0	0.1			
50.1	50.9		CALCITE BRECCIA								
			40 to 60% light grey calcite matrix with angular fragments; light grey siliceous rock and f.g. chloritic rock.								
			1% Py as streaks, veinlets	4369	50.0	51.0	1.0	nil			
50.9	55.7		DARK GREY MASSIVE CALCAREOUS SILTSTONE-QUARTZITE								
			Fine even grained, granular textured. Strongly calcareous-(10-30%). Some fine dark calc-silicates?								

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A.M.  
1980-11-12-192405

METRES		SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	EST%	ASSAYS		
FROM	TO								metres	WO <sub>3</sub>	WO <sub>3</sub>
50.9	55.7		(Cont'd)								
			STRUCTURE: Mostly massive, uniform. Moderately fractured.								
			ALTERATION & Veins: Light grey to white calcite veinlets make up 2 to 5% of rock. 30 cm. strong carbonate and silica qtz. veinlets (with scheelite) at 51.3 m.								
			52.5 - 53.0m. strong light brown silicification ± sericite.								
			53.6 - 1 cm. contorted qtz. vein with a little Po and a few % scheelite.								
			MINERALIZATION: Py as tiny veinlets with concentrations up to 2 to 3% over 30 cm. - mainly with scheelite								
			52.0-52.4m. 8% Py as streaks, disseminated in chloritic argillite.								
			About 2% disseminated scheelite over 20 cm. at 51.3m								
			in altered zone; tr scheelite in pyritic argillite and silicified zone from 52.1 to 53.0m.	4370	51.0	51.5	0.5	0.5			
				4371	51.5	53.0	1.5	tr			
				4372	53.0	54.0	1.0	0.5			
			REMARKS: 52.0 to 52.4 pyritic argillite could be equivalent to argillite bed with scheelite in 3115-23.								
55.7	70.3		<u>LIGHT GREY SILICIFIED SEDIMENT - QUARTZITE</u>								
			Fine grained, very hard, streaky, mottled light grey to light brown, equi-granular.								
			STRUCTURE: Massive or vaguely banded at 40° to 45°. Only minor sections broken core.								
			ALTERATION: Strong pervasive silica throughout. Some intense silicification in top 2m.								
			VEINS: Minor streaky grey quartz veins with gradational contacts.								
			58.8 - 6 cm. milky quartz at 40° with 5% Py and Po and a dark mineral.								
			tr scheelite and sph. in tiny quartz veinlets here & there from 57.8 to 59.5m. and with Py & Po & Sph in 2m. vein at 70.1m.								

SULPETRO  
MINING DIV.

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FEB 11 1965

A.M. 11:12-11:24 P.M.

METRES		SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH metres	EST% WO <sub>3</sub>	ASSAYS PPB		
FROM	TO								% WO <sub>3</sub>	Au	
55.7	70.3		(Cont'd) MINERALIZATION: Scheelite - see veins tr disseminated Py throughout with minor concentra- tions here and there. Top 2m. 1 to 3% Py & Po 69.5 - 70.3m. 5% Py & minor Po veinlets.	4373	56.5	58.0	1.5	tr			
			REMARKS: Sections of core from 63.0 to 69.0m. that fluoresce both in long and short wave length U.V. apparently some sort of silica!	4374	58.6	58.9	0.3	nil			
70.3	73.5		ALTERED MAFIC LAMPROPHYRE DYKE  Dark brown, relatively soft med-fine grained. Consists of acicular, dark amphiboles in a fine grained brown matrix.  ALTERATION: Patches of light brown silicification and calcite obscure upper Ct. and within unit. Sections of strong pervasive calcite Alteration has disseminated Py and some Po. 72.9m. - 3mm of brown siliceous streak with a few grains of scheelite.  MINERALIZATION: See 'alteration' Py and Po dissemena- tion and streaks.  REMARKS: Unit is very massive and uniform and almost certainly a dyke.	4375	69.3	70.3	1.0	tr			
73.5	86.0		SILICIFIED SEDIMENT ('PORCELANITE')  Light grey-white very hard; consists of 70 to 90% quartz with white felspar.  STRUCTURE: Sections of broken core in top 6 m. Fractures at 10 to 20° to core axis Vague banding in central portion at 35°.  ALTERATION: Intense, pervasive silicification.								

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MINERALS DIV.  
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FEB 11 1955  
A.M. P.M.  
1 8 9 10 11 12 1 2 3 4 5 6

METRES		SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	EST%	ASSAYS		
FROM	TO								metres	WO <sub>3</sub>	% WO <sub>3</sub>
73.5	86.0		(Cont'd)								
			MINERALIZATION: tr-½% disseminated Py throughout; Concentrations of Py & Po here and there with best being 5% over 40 cm. at 81.6m.	4376	81.3	82.3	1.0	nil			
			tr Sph with Py & very minor scheelite in quartz veinlets. Scheelite at 74.6;78.5;83.1;85.1;85.8m.	4377	85.0	85.6	0.6	.05			
			REMARKS: Unit similar to highly silicified rocks in 'Breccia Hill Complex'.								
86.0	91.1		SILICIFIED SEDIMENT WITH GREYWACKE								
			Silicified portion similar to rock from 35-40m. Medium to fine grained, uniform quartz rich mottled medium grey. (probably altered greywacke).								
			STRUCTURE: Massive- brecciated and re-cemented at bottom; banding at top 35° to 40°.								
			ALTERATION: Strong pervasive silicification.								
			MINERALIZATION: Tr to ½% disseminated small veinlets Py								
			REMARKS: Apparent remnants of dark grey greywacke. 86 to 86.5; 86.8 to 87.3.								
91.1	93.3		GREYWACKE - PROTOQUARTZITE - (DARK CALC-SILICATE)								
			Dark grey, hard-mainly quartz and feldspar, -fine quartz sand in finer qtz-feldspathic matrix								
			STRUCTURE: Massive to bedded at 32°								
			MINERALIZATION: Tr-1% disseminated films Py on joints								
93.3	101.7		SILICIFIED SEDIMENT								
			As above, 86.0 to 91.1m.								

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A.M. 7:30 P.M. 12:00

METRES		SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH metres	EST% W <sub>2</sub> O <sub>3</sub>	ASSAYS		
FROM	TO								% W <sub>2</sub> O <sub>3</sub>	PPB Au	
93.3	101.7		(Cont'd) MINERALIZATION: Tr-1% Py veinlets, veinlets Po from 97.7 -98.2m.								
			REMARKS: 95.2m - 30cm of massive calcareous siltstone Metadiabase dyke 98.4 to98.7m, & 98.9 to 99.6m. Same as following unit.								
101.7	103.2		<u>METADIABASE DYKE</u> 30 cm adjacent to contacts, medium to fine grained and weakly felspar-phyric. Middle, coarse to very coarse grained. Diabasic texture and some clustering of mafics. Magnetic in places-apparently due to Po.								
			STRUCTURE: Contacts about 45° to core axis.								
			MINERALIZATION: 2 to 3% Py as veins, blebs with black chlorite and with qtz. veins.								
			VEINS: 102.6 - 5 cm. quartz vein at 70° with a little scheelite, Sphalerite, Py, and tr Po. 102.9 - 3-5cm. calcite-Py veins at 70° 102.4 - 1-2cm. pearly white vein of calcite with white acicular crystals to 1 cm possibly wollastonite and Py.								
103.2	108.4		<u>SILICIFIED SEDIMENT</u> As above 86.0m to 91.1m. Medium grey - mottled, some minor remnants of greywacke - dark calc-silicate.								
			STRUCTURE: Bedded in places at 55° (ie. dip 35°)								
			ALTERATION: Strong silicification as above.								
			MINERALIZATION: Tr Py.								

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METRES		SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	EST%	ASSAYS		
FROM	TO								Metres	WO <sub>3</sub>	% WO <sub>3</sub>
108.4	111.1		MASSIVE GREYWACKE								
			As above. Dark grey - possibly some dark calc-silicate minerals.								
			ALTERATION: Some grid type bleaching.								
			MINERALIZATION: Tr Py.								
111.1	112.4		SILICIFIED SEDIMENT & MINOR GARNET SKARN								
			As above; wispy, pale red garnets developed in 1/2 the core over 15 cm. at 112.3								
			VEINS: 5 mm qtz-calcite at 112 m at 10° with scheel.								
			MINERALIZATION: Disseminated Po with lean scheelite in garnet skarn.	4378	111.8	112.8	I.C	.15			
112.4	113.3		GREYWACKE - DARK CALC-SILICATE								
			As above.								
			MINERALIZATION: Tr Po and scheelite in light grey sil.-streaks.								
113.3	119.8		INTERCALATED SILICIFIED SEDIMENT - GREYWACKE MINOR FELSPAR ALTERED ROCK								
			As above. About 50:50 silicified sediment and greywacke. Some development of cream-coloured feldspar possibly with some pale green calc silicates in sections up to 15 cm. from 115.9-117.0m and at 118.5. Some definite development of calc-silicates in banded sections adjacent to feldspathic sections and as isolated clots.								
			STRUCTURE: Bedding here and there at 55°								

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MINING DIV

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113.3

A.M. P.M.

113.3 113.3 113.3 113.3

METRES		SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	EST%	ASSAYS		
FROM	TO								metres	W <sub>3</sub>	%
113.3	119.8		Cont'd								
			VEINS: Minor white quartz up to 8 mm some with minor Py & Po								
			MINERALIZATION: Tr to locally 1% disseminated & veinlets of Py & Po - mainly in felspathic calc - silicate layers								
			Minor disseminated scheelite mainly with felspar-calc - layer at 116.2, 116.9, large crystal @ 118.6	4379	116.0	117.0	1.0	.03			
119.8	121.3		<u>FELSPATHIC SKARN? AND SILICIFIED SEDIMENT</u>								
			Medium to fine grained, blotchy pale brownish grey, slight green hue, similar to felspathic sections in above unit.								
			STRUCTURE: Banding and schistosity at 35°.								
			MINERALIZATION: Minor disseminated scheelite with about 1% Po.	4380	119.9	121.3	1.4	.03			
			REMARKS: 120.1 - 120.4 banded silicated sediment								
121.3	122.4		<u>DARK GREEN CALC-SILICATES</u>								
			Fine grained, no detrital qtz grains; moderate hardness, tr Py.								
122.4	141.1		<u>SILICIFIED SEDIMENT WITH GREYWACKE- FELSPATHIC QTZT</u>								
			As above. About 80% light to medium grey fine grained silicified sediment grading into medium-dark grey sections with recognizable detrital quartz grains.								
			ALTERATION: Very strong silicification.								
			STRUCTURE: Mostly massive. Some sections with vague banding of 45°. Sections of broken core 125.0-129.0m.								

SULPETRO  
MINERALS DIV.  
**RECEIVED**  
JAN 14 1955  
A.M. P.M.  
10:00 11:00 12:00 1:00 2:00 3:00 4:00 5:00 6:00

METRES		SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH metres	EST% WO <sub>3</sub>	ASSAYS PPB		
FROM	TO								WO <sub>3</sub>	Au	
122.4	141.1		(Cont'd)								
			VEINS: Minor scheelite in 3-9mm white qtz veins at 129.2.								
			Minor white qtz veins to 8mm at 127.0m								
			123.9-124.3 - three grey qtz. veins up to 1 cm along shears at 35° with altered (skarned) selvages with blebs & streaks of Po & sections of 1 to 2% fine disseminated scheelite over 5 to 10mm.	4381	123.0	124.0	1.0				
				4382	124.0	124.5	0.5				
				4383	124.5	125.0	0.5				
			137.8 - 2% scheelite dissemination over 0.5 cm in vein selvage								
			MINERALIZATION: See 'Veins'; Tr Py disseminated and as films on fractures. Concentrations of Po up to 1 - 2% over 30 - 40 cm. here and there especially in more strongly bleached and silicified sections. Best concentration of Po, 2 - 3% in veinlets from 123.0 to 124.5.								
141.1	142.7		BANDED FELSPATHIZED, SKARNED(?) SEDIMENT MINOR GREYWACKE								
			Medium grey-green, re-crystallized look, blotchy in places. Mainly development of felspar similar to 120.0-121.0m. Darker layers probably due to tremolite - actinolite?? At least 85% of rock is qtz. & felspar.								
			STRUCTURE: 3 to 8 mm. bands at 40°								
			MINERALIZATION: Tr ~% disseminated Py.								
142.7	144.4		BLACK ARGILLITE - DARK CALC-SILICATES								
			Black to dark grey fine grained, moderat hardness. Some development of fine grained calc-silicate minerals. Non-calcareous.								
			STRUCTURE: Massive to thin-bedded at 45° to 50°.								
			MINERALIZATION: 1 to 2% disseminated streaks of Po + Py with concentrations to 10% of 10cm. See remarks.								

SURVEY  
 RECEIVED  
 11 1965  
 A.M. P.M.  
 9, 10, 11, 12, 1, 2, 3, 4, 5, 6

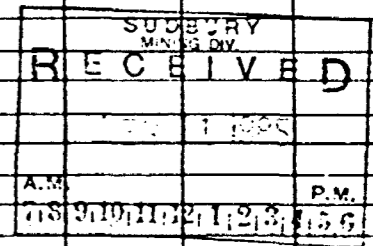
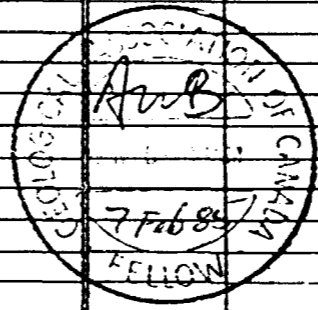
METRES		SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH metres	est% WO <sub>3</sub>	ASSAYS PPB		
FROM	TO								% WO <sub>3</sub>	Au	
142.7	144.4		(Cont'd) REMARKS: 143.6m - 15 cm of streaky pale green calc-silicate rock with 3-4% Po and one large grain of scheelite.								
144.4	145.7		BANDED FELSPATHIZED, SKARN SEDIMENT  As above. 80%-90% qtz and feldspar with some dark calc-silicate minerals in dark layers and streaks. Minor wisps of pale red garnet 144.4 to 144.5.  STRUCTURE: Well banded at 45°.  MINERALIZATION: 1 to 2% streaks, disseminated Po minor Py. Veinlets of sph at 144.7 and tr Cp with Po at 144.9. Both lean dissemination and fracture controlled scheelite form 144.4 to 145.8m.	4384	144.4	145.9	1.5	0.12			
145.7	149.0		REMARKS: Banded skarn sediment here, very similar to surface exposures at L27E/3+00N (picket line grid)  SILICIFIED SEDIMENT & GREYWACKE - PROTOQUARTZITE  As above. Minor medium green calc-silicate development.  STRUCTURE: Massive to banded at 40°.  MINERALIZATION: A little disseminated Py and minor concentrations of Po here and there in more altered sections.								
149.0	152.1		GREYWACKE AND DARK CALC-SILICATES  Medium grey, fine to medium grained. Detrital quartz visible. (greywacke - protoquartzite) Up to 15% dark calc-silicates (actinolite?) at top. Some parts almost entirely qtz and feldspar. Sections with breccia like structure and chloritic partings.								

SULPETRO  
MINING DIV.  
**RECEIVED**  
FEB 11 1970  
A.M. 10:11 P.M. 12:12

METRES		SECTION	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH metres	EST% WO <sub>3</sub>	ASSAYS PPB		
FROM	TO								% WO <sub>3</sub>	Au	
149.0	152.1		(Cont'd) STRUCTURE: Bedding and schistosity at 40 to 45°. MINERALIZATION: Tr Py.								
152.1	152.40		SKARNED SEDIMENT Fine and medium fine grey to pale green mottled and spotted with darker green. Mostly Qtz. and feldspar MINERALIZATION: 4% disseminated P <sub>2</sub> and Py. About 1% fine disseminated scheelite in bottom 15 cm.	4385 4386	151.6 152.1	152.1 152.4	0.5 0.3	0.3			
152.40			END OF HOLE DRILLING Notes: Hole open, casing left in Hole. CORE SIZE: BQ General Remarks: Most of rocks cut are, medium grey, fine greywacke-prot quartzite. These rocks are likely the "Greywacke Member" of the Expanola Formation as described for the Brazil Lake Section. However, they appear to contain a larger component of fine sand than noted at Brazil Lake. There is a widespread occurrence of minor scheelite in quartz veins and narrow skarns.								

*A.W. Beecham*  
A.W. Beecham

7 February 1985



SUDBURY  
MINING DIV  
**RECEIVED**  
DEC 11 1985  
A.M. 3 P.M. 2

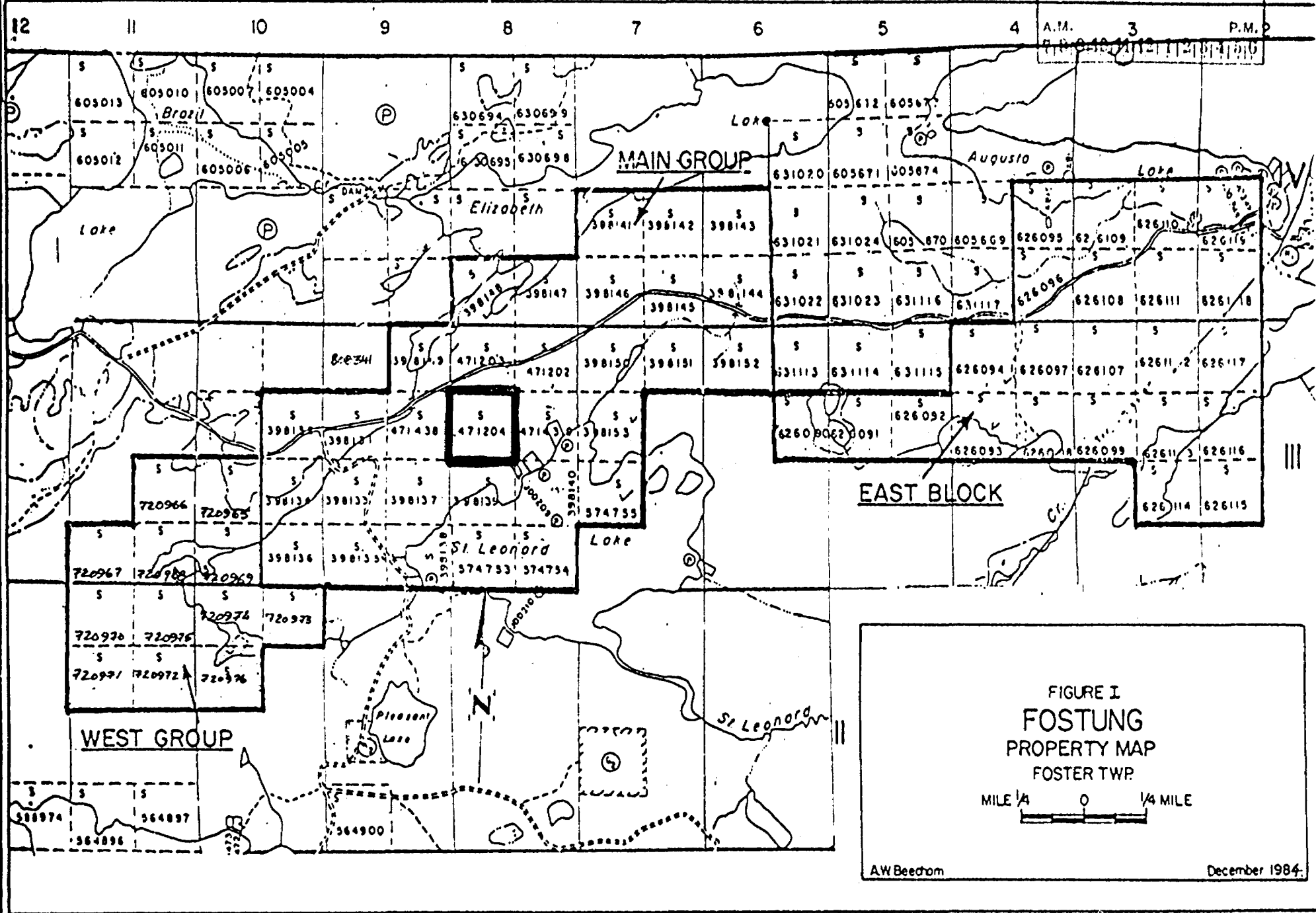
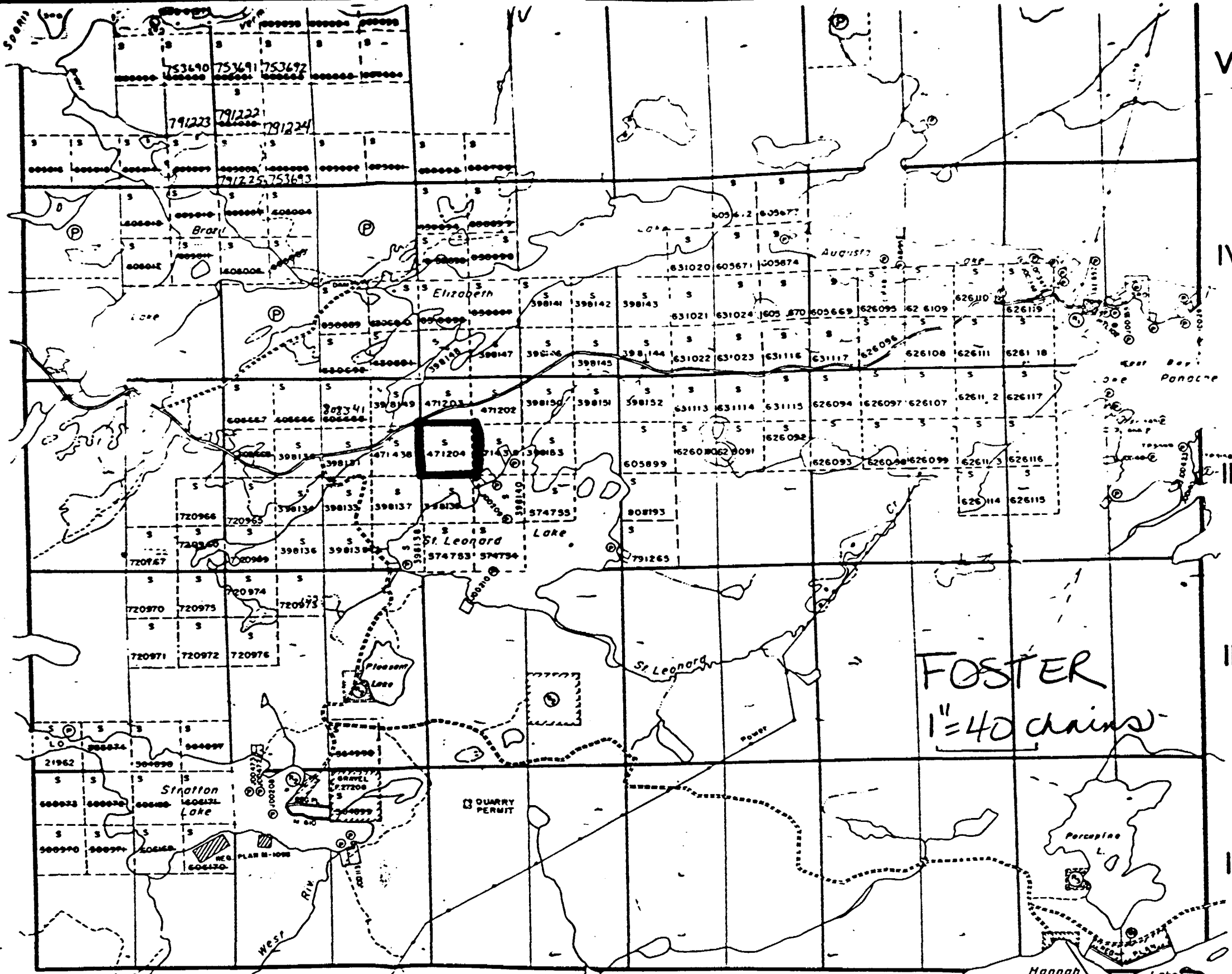


FIGURE I  
FOSTUNG  
PROPERTY MAP  
FOSTER TWP.  
MILE 1/4 0 1/4 MILE  
AW Beedom  
December 1984.

Merritt Twp. - M.863

Truman Twp. - M.1164



12 11 10 9 8 7 6 5 4 3 2 1

Curtin Twp. - M.745

S.R.D. WITHDRAWN FROM STAKING UNDER SEC. 42 OF THE MG. ACT. FILE - 163009



900



Ministry of Natural Resources Report of Work Ontario #85-26

FOSTER TWP (M-814) The Mining Act

Instructions - Supply required data on a separate form for each type of work to be recorded (see table below). - For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and Expenditures)".

File S-808341

Name and Postal Address of Recorded Holder: Sulpetro Minerals Ltd, P.O. Box 1207 Haileybury Ontario or Suite 301, 2161 Yonge St. Toronto Ont. M4S 3A6

Summary of Work Performance and Distribution of Credits table with columns for Mining Claim Prefix, Number, and Work Days Cr.

All the work was performed on Mining Claim(s): 471204 - 500 days

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Work Done By Contractor: N. Morissette Diamond Drilling Ltd. P.O. Box 789 Haileybury, Ontario POJ 1K0. Includes RECEIVED stamp and diamond drill core size info.

TOTAL CREDITS: 500, TOTAL APPLIED: 200, BALANCE REMAINING: 300. WORK ASSIGN: S-471204 = 500, BAL. 2243.

Certification Verifying Report of Work. I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto...

Name and Postal Address of Person Certifying: D.M. Windsor RR# 1 Tarzwell Ontario POK 1V0. Date Certified: 7 Feb. 1985.

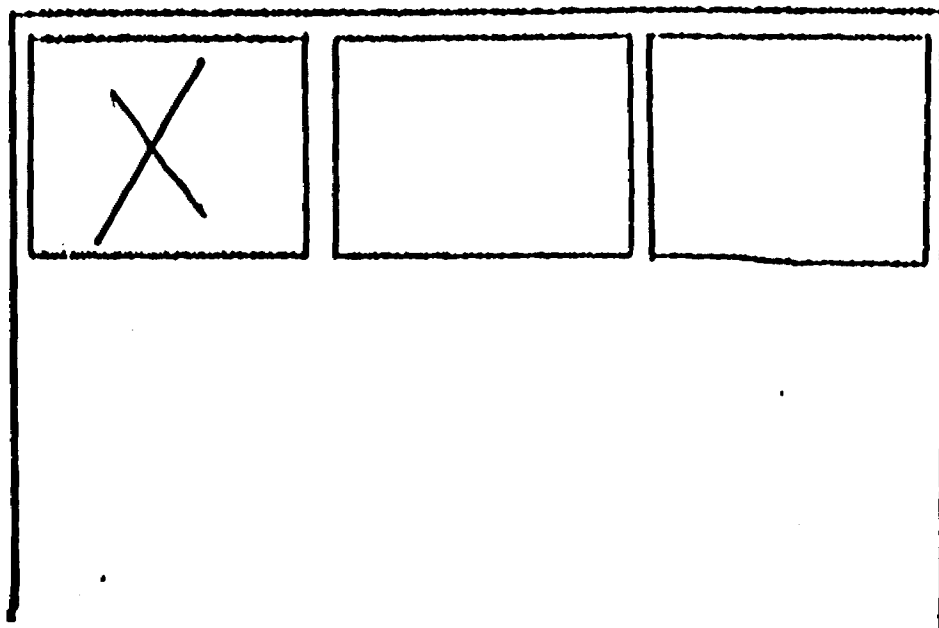
Table of Information/Attachments Required by the Mining Recorder with columns for Type of Work, Specific Information per type, Other information, and Attachments.

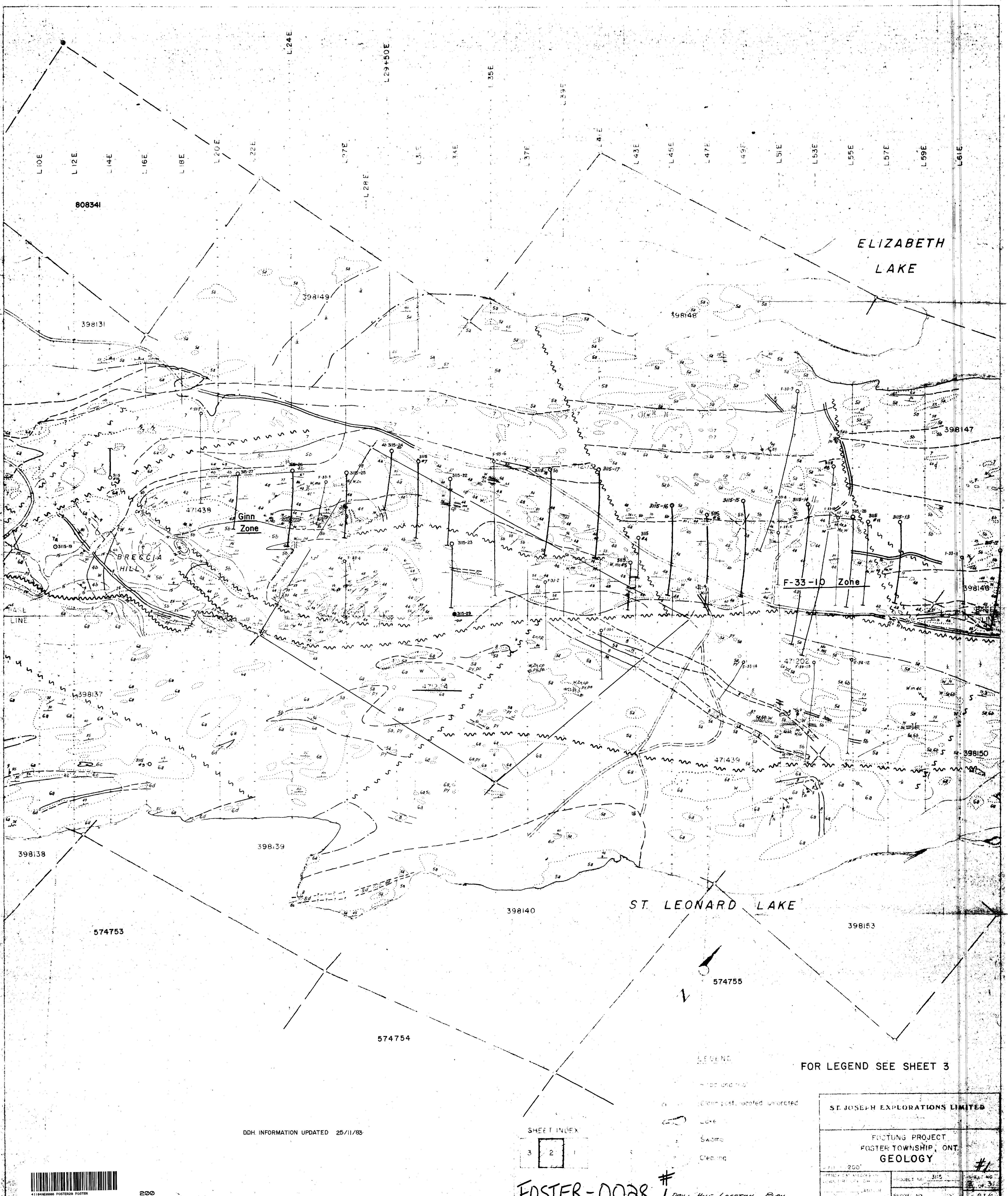


SEE ACCOMPANYING  
MAP(S) IDENTIFIED AS

FOSTER-0028 #1

LOCATED IN THE MAP.  
CHANNEL IN THE FOLLOWING  
SEQUENCE (X)





80834I

ELIZABETH LAKE

Ginn Zone

F-33-10 Zone

BRESCIA HILL

ST. LEONARD LAKE

574755

FOR LEGEND SEE SHEET 3

DDH INFORMATION UPDATED 25/11/83

SHEET INDEX

3	2	1
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- LEGEND
- Road and trail
  - Clearcut, located, unrocted
  - Clearcut
  - Swamp
  - Clearing

ST. JOSEPH EXPLORATIONS LIMITED

FOSTERING PROJECT  
FOSTER TOWNSHIP, ONT.  
GEOLOGY

Scale: 1:200	PROJECT NO: 3115	SHEET NO: 2
DATE: 11/83	REPORT NO: 11/83	15/11/83



200

FOSTER-0028 #1 DRILL HOLE LOCATION PLAN