

DIAMOND DRILLING



31D16SW0007 19 GLAMORGAN

010

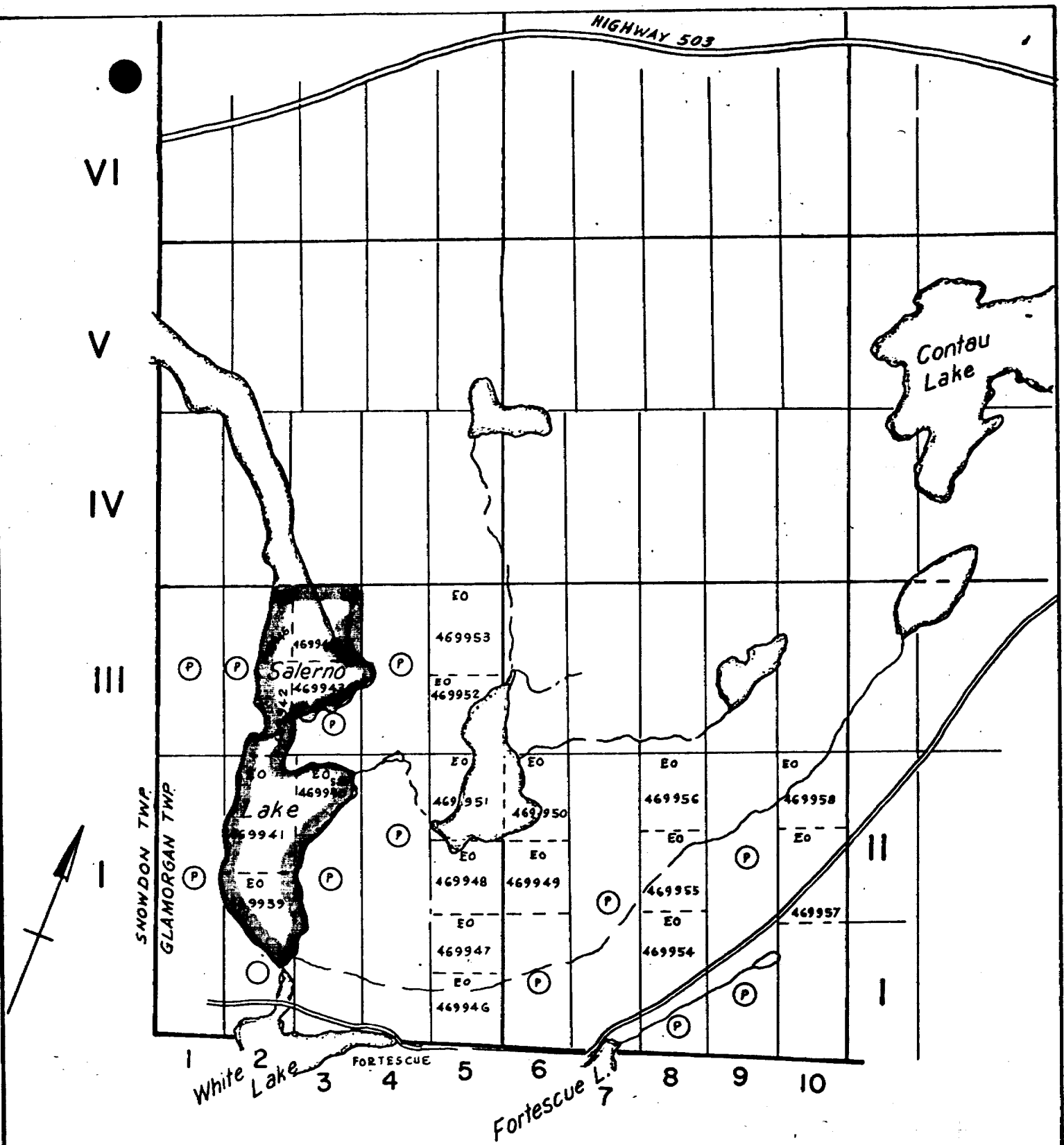
TOWNSHIP: GLAMORGAN

REPORT No.: 19

WORK PERFORMED BY: CANADIAN SMELTING & REFINING LIMITED

<u>CLAIM No.</u>	<u>HOLE No.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
EO 469940	S-85	172.7 m	Feb/80	(1)

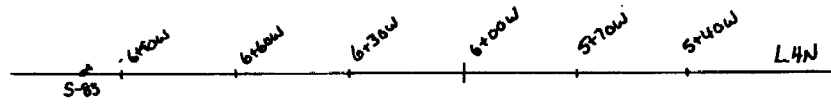
NOTES: (1) # 14-80



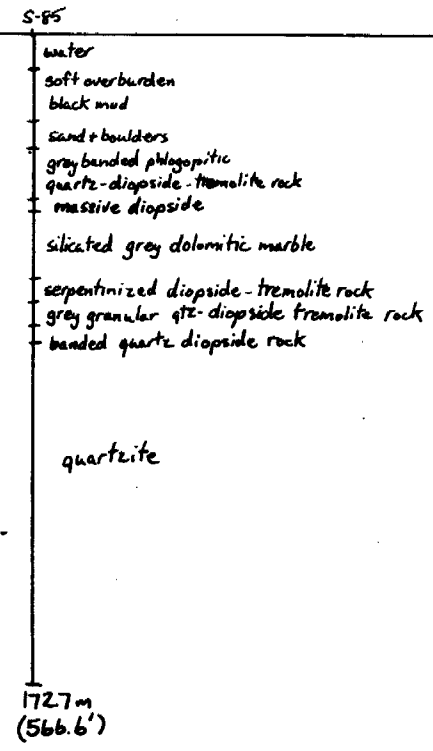
LOCATION OF CLAIMS TO BE
COVERED BY ASSESSMENT WORK
WORK CREDITS FOR S-85

Alan Swain

ST. JOSEPH EXPLORATIONS LIMITED TORONTO CANADA		
SALERNO LAKE AREA, S.E. ONT East Grid LOCATION & CLAIM MAP		
SCALE 1" = 1/2 mile		
APPROX LAT & LONG OF LOWER RT COR OF DWG	PROJECT NO 188	SHEET NO
_____ LATITUDE	REPORT NO _____	_____ OF _____
_____ LONGITUDE		NOTE 31D



HOLE NO. S-85
SECTION 400N



Alan Sower

ST. JOSEPH EXPLORATIONS LIMITED
PROPERTY SALERNO LAKE
GRID LAKE
CO-ORD. 400N, 7100W (rel. to 4N 3190W East Grid)
SCALE 1:2000

PROPERTY SALERNO LAKE	TP OR AREA GLAMORGAN	AZIMUTH N/A	DATE STARTED February 1, 1980	CORRECTED DIP TESTS				LOCATION SKETCH OF HOLE
PROJECT 3188	LOT & CONC. Lot 3 Conc. I	DIP -90°	DATE COMPLETED February 6, 1980	Depth	MBrq	TBrq	Dip	
CLAIM NO. 469940	CO-ORDINATES (Relative to 4+00N 4+00N	LENGTH 172.7m	DRILLED BY St. Lambert D.D.	88m	-	-	-89°	
GRID NO. LAKE GRID	3+90W 7+00W East Grid)	COLLAR ELEV. 926.6m	LOGGED BY A. Soever	172.7	21	11	-89°	

METRES		SECTION	DESCRIPTION	SAMPLE NO.			LENGTH	ASSAYS					
FROM	TO			FROM	TO	LENGTH							
			OBJECTIVES:- TO TEST POSSIBLE NOSE OF ISOCLINAL FOLD ON EAST SIDE OF SALERNO LAKE										
0	~9.0		<u>WATER</u>										
~9.0	~22.0		<u>SOFT OVERBURDEN</u> - Black Organic Mud?										
~22.0	29.7		<u>OVERBURDEN</u> - sand & boulders of quartzite, granitic gneiss & serpentized quartz-diopside.										
29.7	43.2		<u>GREY BANDED PHLOGOPITIC QUARTZ DIOPSIDE TREMOLITE ROCK</u> - grey banded, f.to m.g., quartz-diopside-tremolite rock -70% f.to m.g. grey quartz w/thin bands of f.g. diopside & tremolite-phlogopitic w/~5% diss. phlogopite - locally more phlogopitic sections - f.g. diss graphite in places - minor diss py po -5% small patches of off-white to pale green m.to c.g. diopside. C.A. ~70°. More diopsidic lighter grey banded to pale green mottled to banded sections of diopside-quartz rock at 29.7-30.0, 30.2-30.8; 32.2-32.3, 37.6-38.0, 39.0-39.8. 41.2-42.2 - pale grey to pale green massive diopside w/phlogopite in bands and along fractures.										
43.2	46.3		<u>MASSIVE DIOPSIDE</u> - massive off-white m.to c.g. diopside - minor talc at 44.0-44.1. 44.1-41.7 - section of c.g. white and grey dolomite w/a band of phlogopite 44.3-44.4.										
46.3	65.3		<u>SILICATED GREY DOLOMITIC MARBLE</u> - c.g. grey dolomitic marble, trace v.f.g. diss. graphite w/~10% sections of banded to mottled grey to white serpentized diopside & tremolite, w/bands of talc & ~3-4% diss graphite. Also 2-3% c.g. diopside w/assoc. f.g. tremolite in dolomite. 62.3-64.3 - heavily silicated w/35% patches of c.g. diopside. White c.g. dolomite w/c.g. off-white diopside & bands of phlogopite 2-3cm thick at 54.3-54.9, 55.9-56.1, 59.5-59.9, 60.7-60.9 61.0-61.1.										

Alan Soever

METRES		SECTION	DESCRIPTION	ASSAYS			
FROM	TO			SAMPLE NO.	FROM	TO	LENGTH
65.3	70.4		SERPENTINIZED DIOPSIDE-TREMOLITE ROCK - c.g. off-white to pale grey diopside w/large green serpentine spots. 30% sections of grey f. to m.g. banded granular diopside-quartz-tremolite rock. In places just masses of fine tremolite needles - locally highly micaceous w/clots and up to 20% fine diss flakes of phlogopite and minor talc (or a hydrous mica).				
70.4	77.0		GREY GRANULAR QUARTZ-DIOPSIDE-TREMOLITE ROCK - m.g. grey granular rock of 50% qtz, 30% diopside and 20% fine tremolite needles - phlogopitic w/3-4% diss phlogopite - quite strongly fetid - 20% patches of off-white to pale grey f. to c.g. diopside, serpentized in places, and locally w/bands of phlogopite.				
77.0	81.0		BANDED QUARTZ DIOPSIDE ROCK - finely laminated rock of 60% quartz & 30% narrow laminations to irregular shaped patches of grey to pale green diopside - locally phlogopitic. 78.3-78.7 - m.g. granular diopside w/1-2% graphite flakes. C.A. ~80°.				
81.0	172.7		QUARTZITE - light grey massive to weakly banded quartzite w/~5-10% very fine diss biotite flakes - 1-2% v.f.g. diss py, po - f.g. biotite flakes are slightly chloritic - locally thin feldspathic layers 4-10cm thick w/15-20% feldspar - biotite rich bands at 81.5-81.6, 82.9, 84.2, 89.3-89.4, 90.7-90.9, 123.8-124.0, 124.3-124.4. - blocky ground - 143.2-146.3, 150.8-162.0. - broken core @ 86.0-86.1, 90.8-90.9, 123.5, 129.0-129.2. - blebs of pyrite at 91.4, 131.5, 132.0, 132.5, 132.6, 151.7-152.2, 167.0. - 95.9-108.1 - quartzite is dark grey w/up to 10% green saussuritized feldspar & ~20% fine diss mica - pale green coloured quartz-saussuritized feldspar rock w/5-10% f.g. diss biotite w/30% green saussuritized feldspar 97.6-98.8; 109.6-110.4; 112.0-115.1; 123.4-124.8. - 127.3-129.7 - pink granitic dike - chloritic granitic layers at 144.5-144.6; 145.3. - 172.0-172.6 - f.g. banded quartz w/f.g. diss phlog. - 150.8-162.0 - core is blocky & broken & tinged pink due to hematitic staining. C.A. ~80 ~80° 90 ~85° 100 ~80-85° 110 ~80° 120 ~80° 130 ~80° 140 ~80° 150 ~70-80° 160 ~75° 170 ~70°				

Alan Soren

