DIAMOND DRILLING

TOWNSHIP: Vincent

REPORT NO.: 21

WORK PERFORMED BY: Canamax Resources Ltd.

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	NOTE
TB 519428	P1-82	54.0m	Dec/82	(1)
	P2-82	45.0m	Dec/82	(1)
	P3-82	51.0m	Dec/82	(1)

NOTES: (1) #106-83

AMAX MINERALS EXPLORATION (A Division of AMAX OF CANADA LIMITED)

DIAMOND DRILL RECORD

Hole No. P1-82

Hole No. P1-82 Sheet 1 of 3
Property Pichette Option
Township Vincent Tp
Location Section 25m West; 135m South
Logged By D.H. Waddington
Core Location

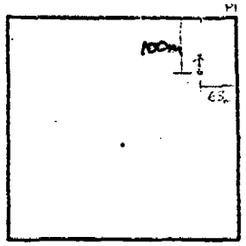
Length 54m
Bearing 360° (magnetic)
Dip -45°
Objective Drill under area of surface trenching

Commenced December 7, 1982
Completed December 8, 1982
Drilling Co. St. Lambert
Core Size BQ
Casing Left in Hole No

Dip: Collar -45°

Etch Test	Depth	Rdg.	True
	54m	-50°	-42°

Location Sketch



North

T8519428

Claim No.

Scale: 1" = 1000'

Remarks No problems with core recovery: shear zone at surface seems to be cemented with calcite stringers

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length
0.0	5.7	OVERBURDEN				
5.7	12.3	ANDESITE FLOW moderately carbonated, massive; disseminated white calcite and grey calcite stringers up to 3mm thick 5.7-6.75 - medium grained, slightly amphibolitized 10.1-11.0 - several thick (2 to 10cm) white, crystalline calcite veinlets with Po and traces of Py in chloritic schist laminae near contacts; locally rock is slightly brecciated				
12.3	13.0	ANDESITE TUFF very calcareous schistosity with disseminated calcite; locally a fine grained lapilli tuff with dark clasts				
13.0	13.1	CHERT light grey, very calcareous, fine grained chert with 5% dark chloritic bands up to 3mm thick; schistose Po and traces of Py found in chloritic bands; cut by a 2cm white quartz-calcite vein with some Po in it				
13.1	20.85	ANDESITE TUFF thick bedded to strongly laminated; slight disseminated calcite to moderately developed cacite stringers on schistosity as well 19.6-20.85 - 1 to 2mm calcite stringers interlaced throughout section				

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DIAMOND DRILL RECORD

Hole No. P1-82
Sheet No. 2 of 3

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length
20.85	21.0	CHERT as 13.0 to 13.1m				
21.0	24.1	ANDESITE FLOW fine grained, dark green; slightly brecciated due to schistosity; heavy (10 to 15%) development of interlaced white calcite stringers up to 2mm thick				
24.1	24.4	ANDESITE FLOW dark green to black, very fine grained; almost no calcitic string-stringers; about 5% Po stringers (crosscutting, irregular) and traces of Py				
24.4	24.55	ANDESITE FLOW about 30% very thin, grey, calcite stringers parallel to the schistosity; 35% brown Po and 5% Py stringers parallel to the schistosity; at lower contact a 5cm thick massive Po vein with a core of Py irregularly shaped, mixed up with small lenses of quartz vein and black chlorite				
24.55	25.5	QUARTZ VEIN generally coarse grained white quartz with chloritic inclusions; more grey calcitic material near bottom; trace Po disseminated near base				
25.5	26.35	ANDESITE FLOW as 21.0 to 24.1m; trace disseminated Po and Arsenopyrite				
26.35	27.35	QUARTZ VEIN coarse grained white quartz vein with 5% black chloritic streaks; Po and Py in chloritic streaks				
27.35	44.15	ANDESITE FLOW generally as 21.01 to 24.1m; minor disseminated streaks of Po and traces of Py 31.6-32.3 } - 30 to 50% quartz-calcite as thicker (1 to 2cm) white 32.9-33.2 } quartz-calcite veins 42.25-42.4 } 42.6-42.7 } - calcareous metachert with Po in chloritic schistosity				

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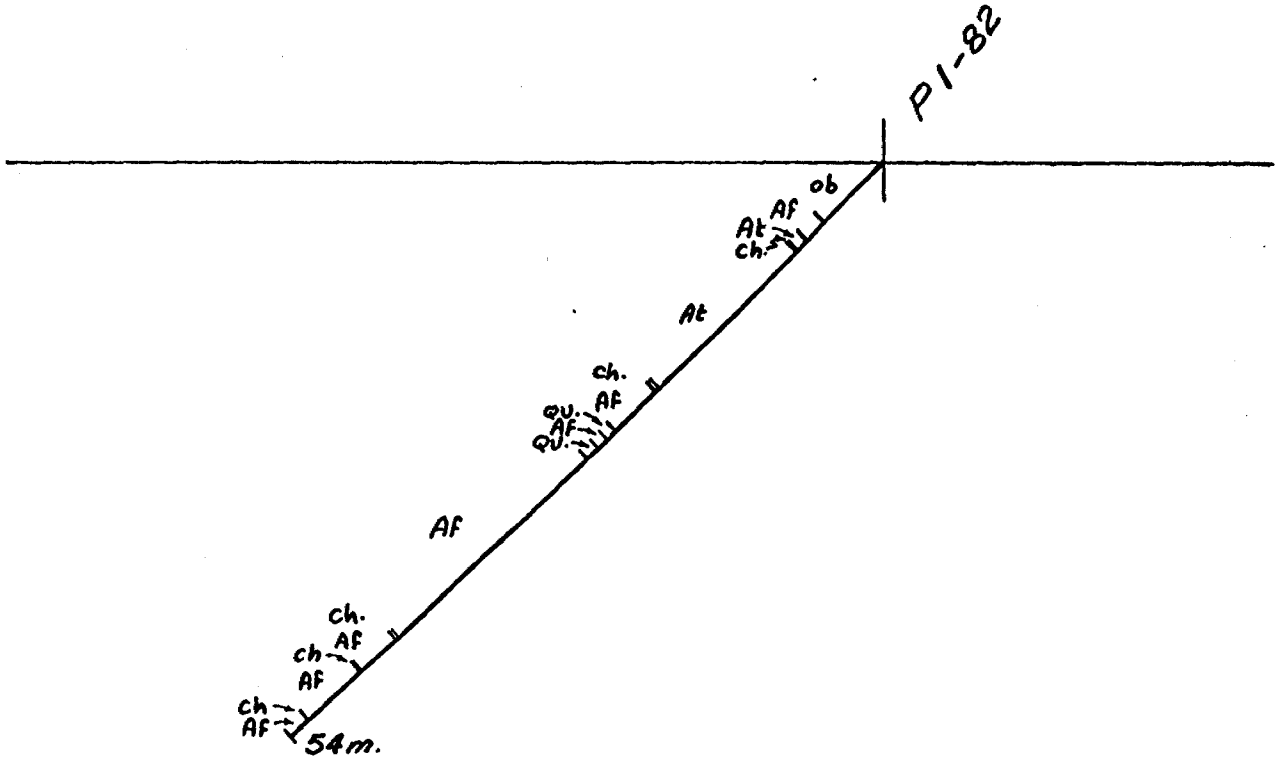
DIAMOND DRILL RECORD

Hole No. P1-82
Sheet No. 3 of 3

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length
44.15	44.5	CHERT slightly chloritic, faintly foliated, calcareous; 3% brown Po stringers with traces of Py				
44.5	47.5	ANDESITE FLOW as 21.0 to 24.1m; amount of calcite stringers decreases downwards; 46.95 - 3cm calcareous chert band				
47.5	47.6	CHERT light grey to greenish grey, calcareous with dark green to black chloritic bands parallel to schistosity; Po in chloritic bands				
47.6	52.4	ANDESITE FLOW as 44.5 to 47.5m 49.5 } 49.65 } - 1 to 3cm chert bands, traces of Po; calcareous 49.9 } 50.05 }				
52.4	52.45	CHERT light grey, massive, calcareous				
52.45	54.0	ANDESITE FLOW massive, fine grained, calcitic (disseminated, fine grained); no stringers at all				
54.0		END OF HOLE				

D. H. Goodenough
May 4/83



LEGEND

ob	Overburden
A	Andesite
Gb	Gabbro
IF	Iron Formation
QV	Quartz Vein
p	pillowed flow
f	flow
t	tuff
ch	chert

AMAX MINERALS EXPLORATION

Section : 25m.W, 135m.South

PICHETTE OPTION (Proj. 54019)

VINCENT TWP.

Scale : 1 cm = 50 m.

AMAX MINERALS EXPLORATION
(A Division of AMAX OF CANADA LIMITED)

DIAMOND DRILL RECORD

Hole No. P2-82

Hole No. P2-82 Sheet 1 of 3
Property Pichette Option
Township Vincent Tp
Location L0+00; 1+27mS

Logged By D.H. Waddington
Core Location

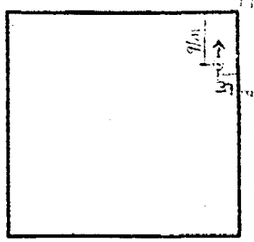
Length 45m
Bearing 360° (magnetic)
Dip -45°
Objective Drill under area of surface trenching

Commenced December 9, 1982
Completed December 9, 1982
Drilling Co. St. Lambert
Core Size BQ
Casing Left in Hole No

Dip: Collar -45°

Etch Test	Depth	Rdg.	True
	45m	54°	45°

Location Sketch



Claim No

Scale: 1" = 1000'

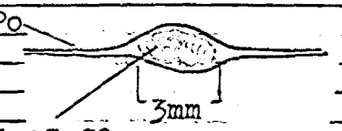
Remarks

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length
0.0	5.8	OVERBURDEN				
5.8	7.85	ANDESITE TUFF fine grained, very calcareous schist; white calcite disseminated in rock and as occasional thin lense parallel to schistosity				
7.85	8.2	QUARTZ VEIN slight disseminated calcite in white quartz				
8.2	8.7	ANDESITE FLOW fine grained, massive, dark green; cut by thin calcitic, irregular fracture fillings, as well as a few 0.5 to 2.0cm quartz-calcite veinlets				
8.7	9.55	QUARTZ VEIN white quartz with thin, crinkled chloritic sheets; traces of Po associated with chlorite				
9.55	35.05	ANDESITE FLOW (PILLOWED?) fine grained, dark green, massive with disseminated calcite and white clacite stringers as interlaced fracture fillings; disseminated Py and Po (schistose) as well as some arsenopyrite crystals in places; stringers often appear folded 11.9-13.4 - much heavier calcite stringer zone with traces of arsenopyrite 13.4-13.5 - white quartz-calcite vein with chlorite streaks and traces of Po 13.5-16.5 - as 11.9 to 13.4m				

AMAX MINERALS EXPLORATION (A Division of AMAX OF CANADA LIMITED)

DIAMOND DRILL RECORD

Hole No. P2-82
Sheet No. 2 of 3

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length
9.55	35.05	cont'd 16.5-16.95 - up to 5% disseminated Magnetite crystals with disseminated Po, especially found associated with calcareous stringers 26.7-27.5 - 10% folded white calcitic stringers 25.1) 26.6) - 1cm thick calcite and quartz stringer (conformable) with 28.3) heavy Po and traces of Mt 30.1) 34.7-35.0 - coarse grained white quartz vein				
35.05	36.2	IRON FORMATION meta-chert with dark green chloritic bands, traces of Po and Mt and light green sericite and/or calc-silicate; bedding is 65° to 75° to core axis 35.05-35.6 - calcareous chert with sugary texture, slightly brecciated, greenish sericite and green chlorite; cut by a few 1 to 2cm quartz veins in places; fine grained Po stringers near edges of quartz veins; a few 1 to 3mm beds of very fine grained Mt; several "augen" shaped Cp-calcite blebs within very thin (less than 1mm) Po laminae - about 2x3mm- in chlorite bands; may imply some structural origin?				
						
		35.6-35.7 - chloritic bed with heavy disseminated Po and traces of Mt 35.7-36.2 - light grey, brecciated chert; green carbonate+chlorite+sericite along fractures; 1 to 2mm Mt grains along bedding planes; 3 to 5mm nodules of buff tremolite disseminated throughout; Mt about 3%, Po about 1%				
36.2	38.22	ANDESITE FLOW as 9.55 to 35.05m				
38.[illegible]	38.3	CHERT schistose, chloritic, calcareous				

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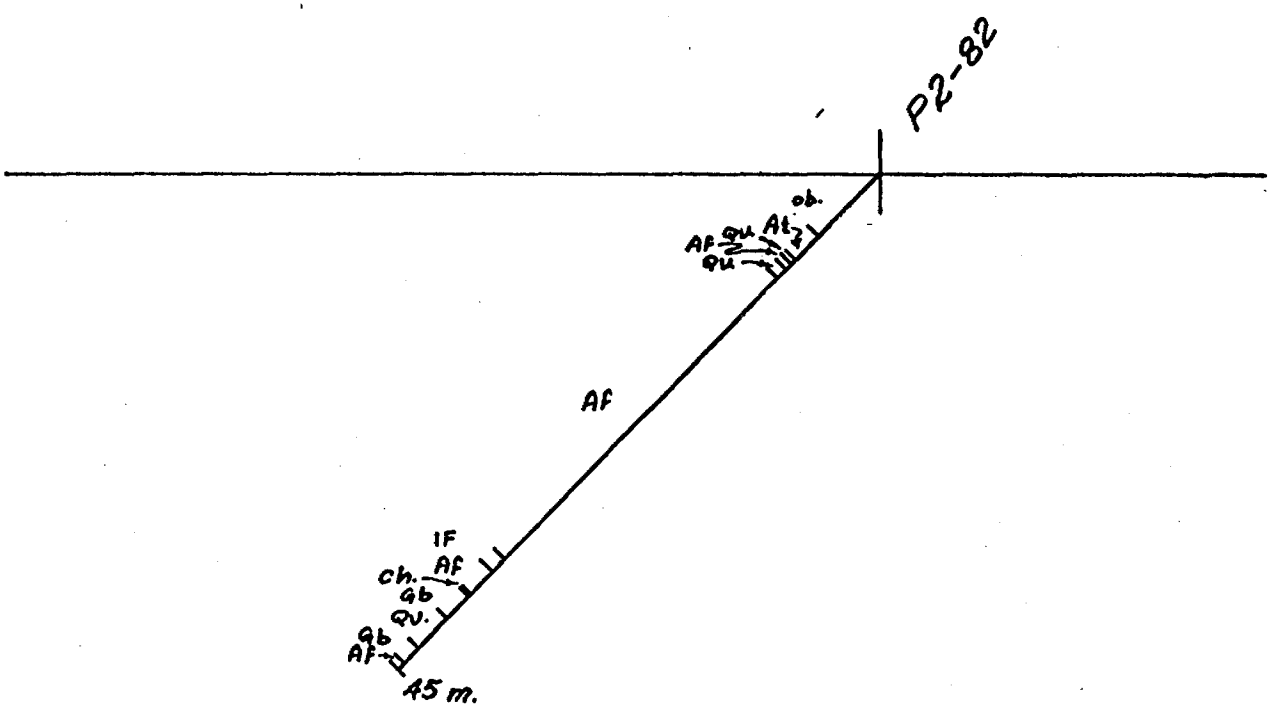
DIAMOND DRILL RECORD

Hole No. P2-82
Sheet No. 3 of 3

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length
38.3	41.55	GABBRO medium grained, massive, green; highly calcareous (disseminated); occasional white calcite stringer				
41.55	43.2	QUARTZ VEIN coarse grained, white quartz (glassy); minor calcite near lower contact				
43.2	44.6	GABBRO as 38.3 to 41.55m				
44.6	45.0	ANDESITE FLOW schistose with traces of disseminated flecks of biotite; 15% quartz calcite veins (white, folded, about 1cm thick)				
45.0		END OF HOLE				

May 4/83



LEGEND

ob	Overburden
A	Andesite
Gb	Gabbro
IF	Iron Formation
QV	Quartz Vein
p	pillowed flow
f	flow
t	tuff
ch	chert

AMAX MINERALS EXPLORATION

Section : 0+00, 127m. South

PICHETTE OPTION (Proj. 54019)

VINCENT TWP.

Scale : 1 cm = 50 m.

AMAX MINERALS EXPLORATION (A Division of AMAX OF CANADA LIMITED)

DIAMOND DRILL RECORD

Hole No. P3-82

Hole No. P3-82 Sheet 1 of 3
Property Pichette Option
Township Vincent Tp
Location Section 25mEast; 1+27 South
Logged By D.H. Waddington
Core Location

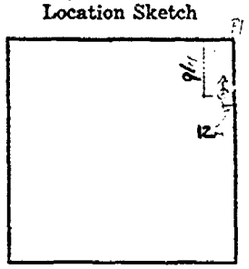
Length 51.0m
Bearing 360° (magnetic)
Dip -45°
Objective Drill under area of surface trenching

Commenced December 10, 1982
Completed December 10, 1982
Drilling Co. St. Lambert
Core Size BQ
Casing Left in Hole No

Dip: Collar -45°

Etch Test	Depth	Rdg.	True
	51m	-47°	-39°

Location Sketch



Claim No.
Scale: 1" = 1000'

Remarks

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length
0.0	5.3	OVERBURDEN				
5.3	14.1	ANDESITE FLOW (GABBRO?) very heavy disseminated calcite; fine to medium grained, massive to slightly lineated; occasional thin white calcite stringer; trace disseminated Py blebs (up to 1mm) throughout 11.8-11.9 - medium grained white calcite vein sub-parallel to core axis				
14.1	23.6	ANDESITE FLOW fine grained, dark green, slightly schistose; white calcareous stringers parallel to schistosity and thicker veinlets cross-cutting; disseminated fine grained Py 15.0-19.7 - several calcareous chert (interflow) beds, schistose, containing heavy Po, minor Py and traces of Cp (1-5cm) and overall more calcite stringers (about 15%) 21.25 - 1 cm calcareous chert bed with Po				
23.6	36.8	ANDESITE TUFF (BRECCIATED FLOW?) lapilli tuff for most part but some thick bedded, fine grained tuff (non-fragmental) too: when best developed the breccia phase is about 50% dark, flattened, angular fragments up to 1x3cm with a granular, white calcareous matrix and calcite stringers; traces of disseminated Po and Py; this unit, when deeply weathered, is likely the "shear zone" seen at surface				

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DIAMOND DRILL RECORD

Hole No. P3-82
Sheet No. 2 of 3

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length
23.6	36.8	cont'd 34.85} 34.9 } 35.15} 36.0 } - 0.5 to 4cm beds of grey, fine grained, very calcareous 36.1 } chert with disseminated Po and traces of Py and Cp 36.2 } 36.4 } 36.5 }				
36.8	37.35	IRON FORMATION brecciated ("crackled appearance") chert with varying amounts of green sericite and chlorite and Po 36.8-37.1 - sugary chert with green chlorite and sericite on cracks of breccia; 0.2 to 1.0cm chlorite beds; very calcareous; cut by a few grey quartz veins containing only minor calcite, less than 1cm thick 37.1-37.35 - grey chert, calcareous, non-brecciated; some heavy Po stringers parallel to bedding, as well as locally cross-cutting bedding; also some very finely laminated Po bedding (cut by the Po stringers); no Mt seen				
37.35	37.45	ANDESITE FLOW as 14.1 to 23.6m				
37.45	37.52	IRON FORMATION chert with green chlorite/sericite; calcareous; cut by a few glassy grey quartz veins, less than 0.5 cm thick				
37.52	46.95	ANDESITE FLOW as 14.1 to 23.6m; grades into next unit 39.3-39.37 - grey calcareous chert 40.5-40.6 - grey-green calcareous chert; grey quartz veins with Po in chloritic seams 42.9 - 1cm quartz-calcite stringer with Po 43.1-43.35 - coarse grained quartz vein cut by coarse grained calcite vein				

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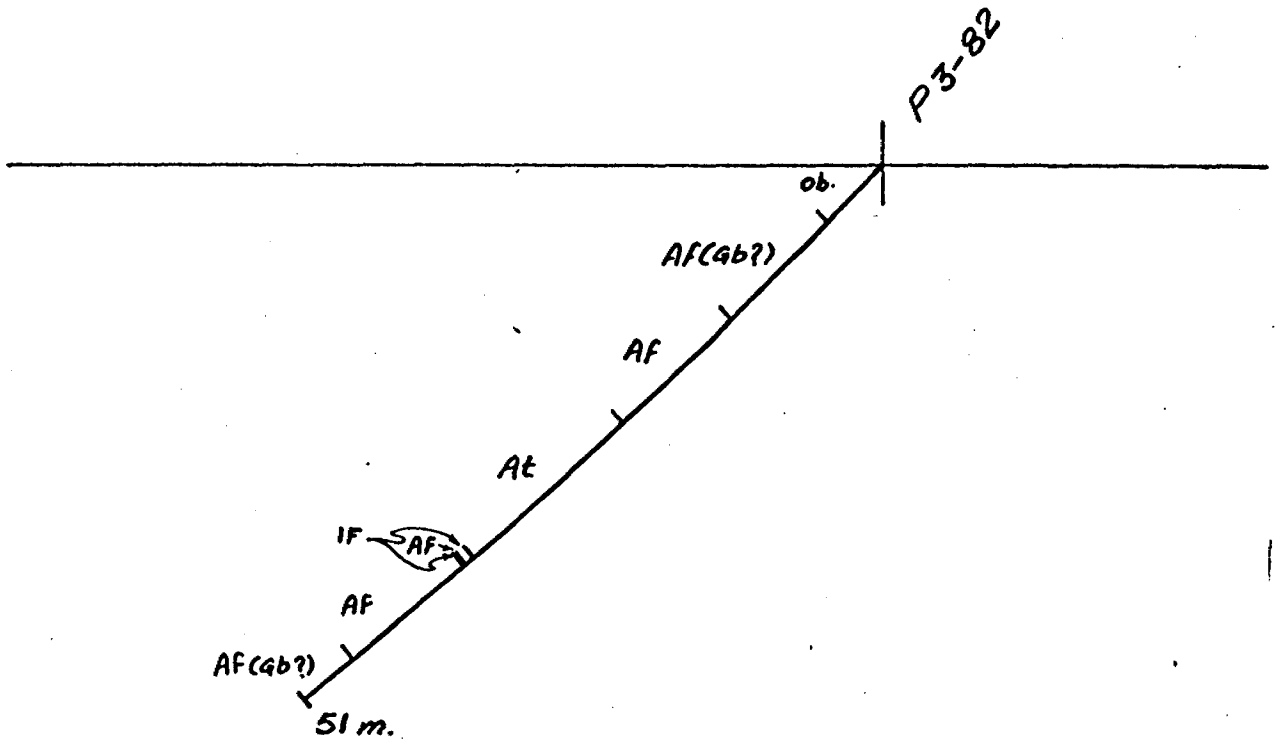
(A Division of AMAX OF CANADA LIMITED)

DIAMOND DRILL RECORD

Hole No. P3-82
Sheet No. 3 of 3

Footage From	Footage To	DESCRIPTION	Sample No.	From	To	Length
37.52	46.95	cont'd 43.5-45.7 - heavier (10%) white calcite stringer development 43.6 } 43.85 } 43.9 } - 0.5 to 3cm quartz-calcite (chert?) bands with heavy Po 44.45 } and especially in chloritic seams 44.6 } 45.35 }				
46.95	51.0	ANDESITE FLOW (GABBRO?) slightly coarser than flow unit above (37.52 to 46.95m); resembles 5.3 to 14.1m; gradational contact: very calcareous (disseminated) with only occasional thin calcite stringer; minor (less than 1%) disseminated Py blebs (up to 1x2mm) with thin black chloritic haloes				
51.0		END OF HOLE				

D. A. Watkinson
May 4/83



LEGEND

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Gb	Gabbro
IF	Iron Formation
QV	Quartz Vein
p	pillowed flow
f	flow
t	tuff
ch	chert

AMAX MINERALS EXPLORATION

Section : 25m. E, 127m. South

PICHETTE OPTION (Proj. 54019)

VINCENT TWP.

Scale : 1 cm = 50 m.