



42A10NW0536 19 CLERGUE

010

Diamond Drilling

Township of Clergue

Report N^o: 19

Work performed by: Canadian Nickel Co. Ltd./C. R. Scott

Claim N ^o	Hole N ^o	Footage	Date	Note
P 236821	40643	1005'	Aug/71	(1)
P 236820	40650	1201'	Oct/72	(2)

Notes:

- (1) 5/72
- (2) 114/73

P. 236818

P. 236819

P. 236693

P. 236820

P. 236777

CLAIM
P. 236821

BH. 40643

(P)

(P)

L. 12384

LOCATION SKETCH
OF BOREHOLE: 40643
Located on CL. P. 236821
SW $\frac{1}{4}$ NW $\frac{1}{2}$ Lot 11 CONC. 2
CLERQUE TWP. (M. 337)
PORCUPINE MINING DIVISION
Scale: 1 inch = 400 ft.

BOREHOLE RECORD

DATE PROCESSED JAN 06,1972

CHK'D.....

BOREHOLE# PROPERTY NTS# SH# ANOM# DEPTH AZIMUTH DIP LATITUDE DEPARTURE ELEVATION LEVEL

40643-0 SCOTT OPTION 1005 30 00 -50 00 N 135 E 1625

DATE.....

INCLINATION AND TROPARI TESTS

DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP DEPTH AZIMUTH DIP
200 -56 30 400 -52 00 600 -48 30 800 -41 30 1000 -38 30

TOPS OF WEDGES

COMMENTS

LOGGED BY..G J KOLESZAR STARTED..AUG 30,1971 COMPLETED..SEPT 17,1971 HEATH & SHERWOOD AXT 305 FT AX CASING LEFT IN HOLE
CL P236821 100 FT N & 50 FT W OF POST 2

SAMPLE ENTRIES

DEPTH	LENGTH	MNZN	ROCK	DESCRIPTION	ANG
0.0	0.0			COLLAR	
42.0	42.0			HX CASING	
166.0	124.0			NX CASING	
290.0	124.0			OB 00-22.0 CLAY	
305.0	15.0			22.0-290.0 CLAY SAND BLDs LOCL NUM	
587.0	282.0	DCT		AX CASING SOC	
				LT TO PALE GRN FG PRPC WITH NUM PMCR 30	
				GLSY QTZ FEW PHCR CARB VERY LITTLE	
				K-FSP MTX SLCS ALTD SHRD 30 OCC CARB	
				QTZ STRS TO 6 INCH HLY ALTD NEAR	
				STRS SLLY WTRD LOCL BRKN & VUGY TO	
				350.0 WTRD SEAMY 503.0-505.0 WATER	
				LOST LOCL FEW SPKS PY	
594.2	7.2	DCT		DK GRN FG SHRD 40 VERY LITTLE K-FSP	40
				QTZ & CARB PHCR MTX CHLC & FDPC	
624.0	29.8	DCT		AS TO 587.0 LT GRN FG PRPC QTZ PHCR	
				SHRD 40	
698.5	74.5	AGLM		MG-GRN MG-CG FGMS SHRD 35 QTZ PHCR	35
				PYCROCLASTIC ROCK OF DACITIC COMP	
759.5	61.0	DCT		LT GRN FG PRPC WITH NUM PHCR WH OR	35
				GLSY QTZ SHRD 35 VERY LITTLE K-FSP	
				SLCS MTX ALMOST QZPR LOWER CT SHARP	
				IREG	
770.0	10.5	MVVW	UM	GRN FG SHRD 40 NON-MTC CHLC SLLY	40
				CRBD OCC CARB & FEW QTZ STRS FEW	
				FINE SPKS PY RARE CP	
779.7	9.7	MVVW	UM	AS PREV ENTRY TS C71-4034	
792.5	12.8	PRPH		QTZ-FSP GY FG WH FSP & FEW QTZ PHCR	
				IN MAINLY QTZ MTX V HARD BXTD	
833.0	40.5	PRPH		FSP-QTZ GY FG QTX & FEW WH FSP PHCR	45
				IN MAINLY QTZ MTX V HARD SLLY SHRD	
				45 FEW QTZ STRS LOCL CUBES PY	
951.5	118.5	PRPH		QTZ-FSP GY FG MASS TO LOCL SLLY SHRD	
				45 LOCL NUM WH FSP & FEW QTZ PHCR IN	
				MAINLY QTZ MTX V HARD BRITTLE ROCK	
957.0	5.5	MVVW	PXT	DK GRN MG MASS XTALLINE NON-MTC SLLY	
				CRBD NEAR CTS TS C71-4033	
959.6	2.6	PRPH		QTZ-FSP AS TO 951.5	

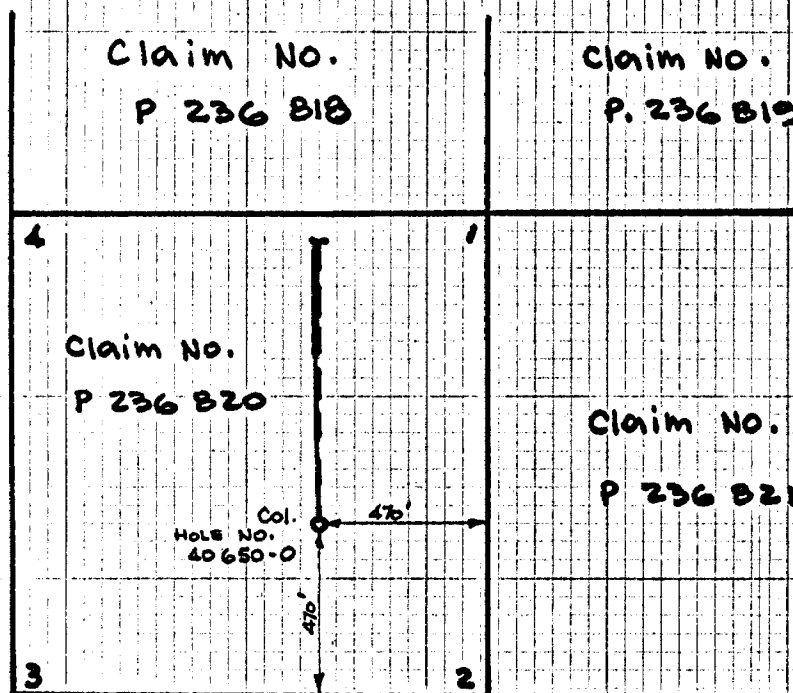
DEPTH	LENGTH	MNZN ROCK	DESCRIPTION	ANG
964.0	4.4	TUFF GRN FG GRPC SHRD 50 CARB STRS FEW		50
		SPKS SPH		
984.0	20.0	TUFF LT GY FG SHRD 50 FEW QTZ GR CARB		
		STRS APPEARS BXTD		
1005.0	21.0	TUFF LT GRN FG MASS QTZ & CARB STRS LOCL		
		BXTD FOOT OF HOLE		

PLAN of D.D. HOLE

NO. 40 650 - 0

On Claim No. P 236 820, Depth - 1,201', Az. 360°, Dip - 50°.
AQ Core, Clergue Twp.

(P)



(P)

BOREHOLE RECORD

DATE PROCESSED JAN 22, 1973

BOREHOLE# 40650-0 PROPERTY SCOTT OPTION NTS# 42A10W SH# ANOM# DEPTH 1201 AZIMUTH 360 DIP 00 LATITUDE 50 00 N DEPARTURE 1200 E ELEVATION 1200 LEVEL DATE.....

INCLINATION AND TROPARI TESTS

DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP	DEPTH	AZIMUTH	DIP
100	-50 00	200	-56 30	300	-57 30	400	-55 30	500	-55 30		
600	-49 30	700	-45 30	800	-44 00	900	-44 00	1000	-41 30		
1100	-41 00	1200	-42 30								

TOPS OF WEDGES

LOGGED BY: R. A. BENNETT STARTED: OCT 03, 1972 COMPLETED: OCT 31, 1972 COMMENTS ORLD MORISSETTE AQ CORE CL# 236820 470 FT N & 470 FT W POST 2 98 FT HW, 226 FT BX & 274 FT AX CAS LEFT IN HOLE

SAMPLE ENTRIES

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	CU	NI	ZN	PM	CO	S	FE
0.0	0.0				COLLAR								
103.0	103.0				HW CAS SAND								
252.0	149.0				BX CAS SAND CLAY WOOD								
301.0	49.0				AX CAS SAND GRAVEL & BLDRS								
312.5	11.5			ANDS	FG HIGHLY ALTD RUSTY BRN GRN CHLC	35							
					VESICULAR CLC ANDS BXTD IN PLACES								
					FEW SPKS PY LOWER CT AT 35 DEG TO								
					CA ALONG SHR PLANE								
335.0	22.5			ANDS	FG HIGHLY CHLC & ALTD GRN ANDS VSC								
					WITH CALC XTLS ALTN DECREASES AS GO								
					DOWN HOLE								
336.3	1.3			ANDS	AS PREV ENTRY BUT BROKEN CORE								
380.7	44.4			ANDS	GRADUAL DECREASE IN ALTN TO GY GRN	45							
					APHANITIC MASS ANDS FLOW CUT BY MANY								
					IRREGULAR CALC VNLTs AT 45 DEG TO								
					CA APPROX SOME VSC ZONES SHARP LOWER								
					CT AT 50 DEG TO CA								
384.2	3.5			ANDS	BXTD FRAGMENTS FROM 5 TO 25 MM CALC								
					RICH FG MATRIX BXTN DECREASES AS GO								
					DOWN FEW SPKS PY								
427.2	43.0			ANDS	DTTD AS TO 380.7 FT BUT WITH A FEW	45							
					SHORT BXTD ZONES SHARP LOWER CT AT								
					45 DEG TO CA								
559.0	131.8			AGLM	ANDS AGLM WITH MANY SHORT MG TFGS	50							
					ZONES PYROCLASIS RANGE FROM 2 MM TO								
					15 CM NO APPARENT GRADING BUT GETS								
					FINER AS GO DOWN HOLE FEW CALC &/OR								
					QTZ FRACTURE FILLINGS SHARP LOWER CT								
					AT 50 DEG TO CA								
568.1	9.1			TUFF	MG ANCS XL TUFF WITH A FEW SHORT	85							
					BXTD ZONES SHARP LOWER CT AT 85 DEG								
					TO CA								
568.4	0.3			TUFF	FG CHLC ANDS TUFF SOME BNDG AT 50	50							
					DEG & SHARP LOWER CT AT 87 DEG TO CA								
					(QUIESCENT PERIOD)								
576.1	7.7			AGLM	CG ANCS AGLM GRDG TO FG ANDS TUFF	40							

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	CU	NI	ZN	PM	CO	S	FE
					SOME BNDG AS APPROACH LOWER CT AT 4.0 TO 50 DEG TO CA TOPS N SHARP LOWER CT AT 45 DEG TO CA								
578.3	2.2				AGLM AS PREV ENTRY SHARP LOWER CT AT 45 DEG TO CA	45							
603.1	24.8				AGLM CG ANDS AGLM WITH PYROCLASTS TO 10 CM IN DIAMETER MATRIX IS MG TO FG ANDS TUFF DACITE PYROCLASTS NEAR LOWER CT IRREGULAR LOWER CT AT 20 DEG (APPROX) TO CA	20							
640.8	37.7				ANDS APNC TO FG LIGHT GY MASS ANDS FLOW WITH A FEW EXTD ZONES & CALC C/DR QTZ FILLED FRCTS FEW SPKS PY SHR ZONE FROM 611.0 TO 611.5 FT APPARENT BNDG AT 47 DEG TO CA	47							
644.1	3.3	FX010237	MVVW	ANDS	AS PREV ENTRY BUT MVVW PY CP								
663.8	19.7				ANDS DITTO AS TO 640.8 FT SHARP LOWER CT AT 50 DEG TO CA	50	0.350	0.020	0.020	0.000*	0.011	0.700	8.800
668.1	4.3				AGLM CG DCT AGLM WITH PYROCLASTS FROM 3 MM TO 4 CM IN DIAMETER MATRIX IS DCT XTL TUFF SOME XTL TUFF PHASES NO GRDG LOWER CT AT 55 DEG TO CA	55							
668.8	0.7				TUFF MG DCT XTL TUFF GY GRN SHARP LOWER CT AT 50 DEG TO CA	50							
713.3	44.5				AGLM CG DCT AGLM WITH PYROCLASTS TO 10 CM IN DIAMETER MATRIX IS DCT XTL TUFF IRREGULAR DISTRIBUTION OF PYROCLASTS FEW PY SPKS NO SHARP CTS								
727.5	14.2				TUFF MG DCT XTL TUFF MINOR LITHIC PHASES FEW SPKS PY LOWER CT AT 34 DEG TO CA	34							
739.1	11.6				AGLM CG DCT RHYDT AGLM GRDG TO MG RHYDCT TUFF PYRICLASTS FROM 3 MM TO 7 CM SHARP LOWER CT AT 50 DEG TO CA								
746.3	7.2				AGLM CG BXTD DCT AGLM WITH FG MATRIX SHARP LOWER CT AT 65 DEG TO CA	65							
747.1	0.8				TUFF MG DCT XTL TUFF LOWER CT AT 65 DEG TO CA	65							
751.2	4.1				AGLM DITTO AS TO 746.3 FT SOME PYROCLAST ORIENTATION AT 60 DEG TO CA								
754.4	3.2	FX010238	MVVW	AGLM	AS PREV ENTRY BUT MVVWPO CP								
771.2	16.8				AGLM CG DCT AGLM WITH A FEW MINOR XTL TUFF PHASES		0.060	0.020	0.020	0.000*	0.006	0.200	9.200
774.3	3.1	FX010239	MVVW	AGLM	AS PREV ENTRY BUT MVVW PO CP								
775.5	1.2				AGLM DITTO AS TO 771.2 FT		0.090	0.020	0.020	0.000*	0.002	0.200	4.200
826.1	50.6				TUFF MG DCT XTL TUFF WITH MINOR AGLM PHASES XTLS GET CG AS NEAR LOWER CT LOWER CT AT 64 DEG TO CA	64							
931.2	105.1				TUFF AS PREV ENTRY XTL CHARGE SPORADIC FEW SPKS PY LOWER CT AT 52 DEG TO CA	52							
962.6	31.4				AGLM CG DCT AGLM WITH DCT XTL TUFF MATRIX PY SPKS LOWER CT AT 63 DEG TO CA	63							
976.6	14.0				TUFF DITTO AS TO 826.1 FT LOWER CT AT 55 DEG TO CA								
1020.6	44.0				TUFF MG DCT XTL TUFF WITH MANY MINOR AGLM PHASES CTS AT 60 TO 65 DEG TO	60							

DEPTH	LENGTH	SAMPLE#	MNZN	ROCK	DESCRIPTION	ANG	CU	NI	ZN	PM	CO	S	FE
1022.0	1.4				CA LOWER CT AT 60 DEG TO CA DYKE HIGHLY ALTD & SHRD MAFIC DYKE NOW ALL CALC AMPH CHL PROBABLE CXT SHARP LOWER CT AT 48 DEG TO CA	48							
1057.8	35.8				TUFF MG DCT XTL TUFF SPKS PY CT AT 20 DEG 20								
1073.0	15.2				PXT HIGHLY ALTD GY GRN MG META DXT NOW ALL AMPH CHL CALC SRPN VERY SLIGHTLY MTC								
1087.3	14.3				PXT AS PREV ENTRY BUT NOT SO ALTD CTS ARE GRADATIONAL								
1100.0	12.7				PXT MG PRPC GRN BLK PXT WITH A FEW SRPN & MT STRS MODY TO STGLY MTC								
1115.0	15.0	FX010240	MVVW	PXT	MG PRPC SRPD PXT MODY MTC NO VISIBLE SULP		0.020	0.140	0.020	0.000*	0.016	0.200	11.000
1130.0	15.0	FX010241	MVVW	PXT	MG GRADING TO CG PRPC SRPD PXT		0.020	0.170	0.020	0.000*	0.016	0.200	11.000
1145.0	15.0	FX010242	MVVW	PXT	CG PRPC PXT WITH POIKIOLITIC PRXN PRBT SRPN & MT SHRS AT 40 TO 45 DEG TO CA VERY MINOR PD ALONG SRPN SHRS	40	0.020	0.180	0.020	0.000*	0.018	0.200	11.000
1160.0	15.0	FX010243	MVVW	PXT	AS PREV ENTRY		0.020	0.190	0.020	0.000*	0.018	0.200	11.200
1175.0	15.0	FX010244	MVVW	PXT	AS PREV ENTRY		0.020	0.210	0.020	0.000*	0.020	0.200	11.800
1191.0	16.0	FX010245	MVVW	PXT	AS PREV ENTRY BUT WITH SOME PRDT PHASES NO SHARP CTS		0.020	0.180	0.020	0.000*	0.020	0.200	12.200
1201.0	10.0	FX010246	MVVW	PRDT	FG SRPD PRDT WITH SOME POIKIOLITIC PRPC PRXN MODY TO STGLY MTC FEW SRPN MT SHRS NO VISIBLE SULP FOOT CF HOLE		0.020	0.220	0.020	0.000*	0.021	0.200	12.200

IN PM COLUMN, AN *** BESIDE A NUMBER INDICATES THAT THE NUMBER IS A SUM OF AU, PT, PD, AND OTHER PM VALUES.
NO *** INDICATES THAT THE NUMBER DOES NOT REPRESENT THE COMPLETE SUITE OF PM ELEMENT VALUES.

ASSAYS OF THE FOLLOWING ELEMENTS WERE REQUESTED FOR THIS HOLE.....CU, NI, ZN, PM

FOR THIS HOLE, ASSAYS OF THE FOLLOWING ELEMENTS HAVE BEEN RECEIVED...AU, CO, CU, FE, NI, OP, PD, PT, S, SG, ZN

BOREHOLE SUMMARY *****

FOOTAGE	MNZN	ROCK
301.0		
427.2		ANDS
559.0		AGLM
568.4		TUFF
603.1		AGLM
640.8		ANDS
644.1	MVVW	ANDS
663.8		ANDS
668.1		AGLM
668.8		TUFF
713.3		AGLM

