

DIAMOND DRILL CORE RECORD

Hole No. 39b

Area of Operation. NORTH SAVAGE RIVER

Reduced Level of Site. AS FOR BORE 39

Drilled by ASSOCIATED DIAMOND DRILLERS

Location of Site TRAVERSE C33, 400E (as for DDH 39)

Bearing of Hole W. ALONG TRAVERSE

Date Commenced MARCH 14, 1968.

Dip of Hole. SEE LIST ATTACHED

Date Completed MAY 20, 1968.

Bore Depth 1051 feet.

Geological Logging by—

M. EDYVEAN

DE MINES
4443/68

AM66-ords: 335148 E 5406636 N.

Key No 2068

33 064

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS									
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To							
REAMING & SETTING NX CASING																		
14.3.	0	90	--	0	117	No core. Presumably clay + decomposed												
15.3.	90	113	--			amphibolite.												
18.3.	113	137	6	117	163	Decomposed schistose amphibolite & clay												
19.3.	137	203	15															
20.3.	203	243	4															
21.3.	243			163	173	No core. Presumably as above.												
22.3.	243																	
				173	191'6"	Decomposed greyish-black schistose amphibolite												
25.3.	243																	
26.3.	243																	
27.3.	243			191'6"	203'	10 ft. of core lost. 18" of Dolomite.												
28.3.	243	263	19															
29.3.	263	286	19															
				203	240	No core.												
1.4.	286	314	28															
2.4.	314	340	26	240	259	Greyish-green sheared schistose amphibolite												
3.4.	340	389	49			- minor carbonate												
4.4.	389	429	40															
5.4.	429	459	24	259	284	Grey-glossy schistose amphibolite. Minor												
6.4.	CORE RECOVERED =		6			carbonate and Pyrite.												
8.4.	459	492	22	284	288	As above but pyrite more abundant, in veins												
9.4.	492	519	27			and disseminated.												
10.4.	519	531	12															
11.4.	531	537	4	288	339	Light & dark grey schistose amphibolite with												
12.4.	PUBLIC HOLIDAY					minor carbonate and pyrite												

Core held Plant Room M

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS								
Date	From	To	Core Recv.	From	To	Description	Core	Sample	Sample No.	From	To						
15.4.	PUBLIC HOLIDAY			339	426	Green sheared amphibolite with abundant											
16.4.	537	552	13			carbonate: 351 - 361 ft. large quartz-											
17.4.	552	584	18			carbonate veins. Minor pyrites.											
18.4.	594	590	6														
19.4.	590	600	9	426	429	As above but less carbonate - veins											
						approximately 1/4 inch.											
22.4.	600	610	10														
23.4.	610	619	9	429	450'3"	Green sheared amphibolite. Abundant											
24.4.	619	-				carbonate. Minor pyrites (as 339-426)											
25.4.	619	630'6"	11														
26.4.	630'6"	638'6"	8	450'3"	464'6"	As for 426' - 429'. Minor haematite, in											
						carbonate veins											
29.4.	638'6"	652'6"	14														
30.4.	652'6"	667'6"	15	464'6"	491'6"	Sheared amphibolite. Carbonate + Pyrite											
1.5.	667'6"	690	22'6"			present. 16 ft. of core lost between											
2.5.	690	716	26			465' and 491'6"											
3.5.	716	738	22														
4.5.	738	748	10	491'6"	501'6"	10ft. Magnetite. Abundant pyrite, carbonate											
						and associated chalcopyrite.											
6.5.	748	802	54														
7.5.	802	826	24														
8.5.	826	857'6"	31'6"	501'6"	509'	Sheared amphibolite. Minor carbonate. Pyrites.											
9.5.	857'6"	885	27'6"														
10.5.	885	919'6"	34;6"														
				509	531	Extremely broken sheared green amphibolite.											
13.5.	919'6"	931'6"	12			Minor pyrites and carbonate.											
14.5.	931'6"	980	48'6"														
15.5.	980	1023	39	531	503'6"	Similar to above but carbonate absent.											
16.5.	1023	1032	9			Considerable core lost. Minor Epidote and											
17.5.	1032	-				Pyrites. Cave-in material present.											

SETTING BX CASING 619'

DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS								
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To						
				850'3"	868'	Magnetite: minor amphibolite (serpentine) Plentiful Pyrite.											
				868'	871'6"	Magnetite + Amphibolite (serpentine) Pyrite present. Amphibolite band 868'6" - 869'6".											
				871'6"	888'	Magnetite: minor amphibolite (serpentine) plentiful Pyrite. 884'6" - carbonate patch.											
				888'	889'6"	Amphibolite: traces Magnetite. Plentiful Pyrite.											
				889'6"	905'3"	Magnetite: minor amphibolite (serpentine) Pyrites. Occasional carbonate.											
				905'3"	914'6"	Amphibolite (serpentine). Pyrites. Traces of Magnetite.											
				914'6"	923'3"	Magnetite: minor amphibolite (serpentine) plentiful pyrites. Occasional carbonate. Amphibolite patch 920' - 920'3".											
				923'3"	925'9"	Amphibolite: occasional trace of magnetite, e.g. 923'3" - 924'.											
				925'9"	932'6"	Magnetite: minor amphibolite. Plentiful pyrite.											
				932'6"	940'	Green amphibolite with traces Magnetite. Pyrite + minor epidote.											
				940'	949'	Amphibolite (serpentine) - blue in colour - with minor magnetite, pyrite and epidote.											
				949'	949'6"	Green amphibolite with occasional traces of magnetite.											
				949'6"	951'	Blue amphibolite, magnetite + pyrites.											
				951'	955'	Green amphibolite with Epidote flecks and occasional magnetite traces, e.g. 954' - 954'3"											
				955'	957'	Bluish Amphibolite with minor magnetite. Pyrite present.											
				957'	958'	Green Amphibolite with occasional magnetite traces.											

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DRILL RECORD				GEOLOGICAL LOG			GEOLOGICAL SECTION		ASSAY RESULTS													
Date	From	To	Core Recov.	From	To	Description	Core	Sample	Sample No.	From	To											
				958'	976'	Amphibolite (serpentine + talc) with the occasional trace of magnetite. Pyrite plentiful.																
				976'	980'3"	Amphibolite: minor magnetite, shearing - banded effect. Pyrite.																
				980'3"	987'	Amphibolite: with occasional traces of magnetite (same as 958' - 976). Pyrite present.																
				987'	988'	Similar to above but Magnetite more common.																
				988'	990'3"	Green Amphibolite (serpentine + talc) with minor magnetite and associated pyrite between 988'6" - 989'.																
				990'3"	995'6"	Green Amphibolite (serpentine) with sporadic magnetite occurrences. Pyrite present.																
				995'6"	999'9"	Sheared green Amphibolite with same alteration to serpentine + talc. Plentiful pyrites and occasional magnetite traces.																
				999'9"	1001'9"	Bluish Amphibolite (serpentine + talc) with occasional magnetite. Pyrite not as common as above.																
				1001'9"	1006'3"	Green Amphibolite (serpentine), plentiful pyrite, occasional magnetite e.g. 1006' - 1006'3"																
				1006'3"	1017'6"	Green Amphibolite. Pyrites present. Very occasional magnetite trace. Epidote between 1006'3" and 1009'6". 8ft. core lost.																
				1017'6"	1026'	Green Amphibolite. Solid + massive. A few small carbonate veins.																
				1026'	1051'	Green Amphibolite shearing common. Minor pyrites, carbonate and epidote.																

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