

REF No 18526

DIAMOND DRILL CORE RECORD

Hole Number C189
 Area of Operation CLEVELAND MINE, TAS
 Location 5 LEVEL A South M-section
 Co-ordinates of Collar 1834N 281E

Date Commenced 28-7-68 Completed 31-7-69
 Geological Logging by A. JESSUP
 Core Recovery 195'10" / 2190' 85.9%
 Drilled by C.T.N.L.

Collar R.L. 1188
 Bearing of Hole 312°
 Angle of Hole +02°
 Final Depth 228'0" Core Size XRT

N.W.P.S.

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	CORE RECOVERED	DESCRIPTION	SAMPLE DATA	ASSAY		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis				% Snt	% Snc	%
0	5'8"					5'2"	Gray Shale				
5'8"	6'6"					0'10"	LODE = Minor Pyrite in Qtz-Carbonate-Tourmaline	2198: 5'8"-6'6"	0.30	0.26	0.21
6'6"	18'11"					10'9"	Gray Shale				
18'11"	19'6"					6'3"	Sandstone				
19'6"	22'7"					2'6"	Gray Shale				
22'7"	40'4"					16'8"	Sandstone				
40'4"	43'5"					2'3"	Gray Chert				
43'5"	47'5"					3'10"	Sandstone				
47'5"	48'0"					0'6"	Chert				
48'0"	53'6"					4'4"	Shale				
53'6"	66'5"					11'5"	Sandstone				
		65'4"	?	sub-parallel			Quartz vein with minor Carbonate				
66'5"	69'8"				45°-50°	3'3"	Sandstone with minor shale bands				
69'8"	73'0"				55°-60°	2'11"	Shale				
73'0"	76'10"					3'9"	Sandstone				

HOLE No. C189

SHEET No. 2

FOOTAGE FROM 76'10" TO 172'7"

NWPS

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	CORE RECOVERED	DESCRIPTION	SAMPLE DATA	ASSAY		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis				% Snt	% Snc	% C
76'10"	77'4"					0'6"	Shale				
		77'4"	1/4"	33°			Quartz-Carbonate Vein with minor Sulphides				
77'4"	79'0"					1'4"	Dark gray-green basic volcanics				
79'0"	81'9"					2'4"	Bedded shales with minor cherts				
81'9"	83'0"					1'0"	Green-gray chert.				
83'0"	88'8"					4'11"	Green-gray Shales with minor cherts.				
88'8"	89'7"					0'5"	Highly altered brown Volcanics				
89'7"	106'9"					16'8"	Dark gray-green basic Volcanics.				
106'9"	158'2"					38'10"	Green-gray shales minor chert bands				
		139'4"	1/2"	55°			Carbonate Vein, possible Fault				
		155'9"	1/4"	25°			Carbonate Vein				
158'2"	159'11"					1'8"	Dark Gray chert.				
159'11"	163'7"					2'9"	Dark Gray chert + Tourmaline + minor Pyrite	2204 - 159'11" - 163'7"	0.09	0.09	0.08
163'7"	166'3"					2'7"	LODE : Minor Sulphides in Tourmaline Qtz-Carb	2205 163'7" - 166'3" ³²	0.08	0.07	0.11
166'3"	169'1"					2'4"	LODE : Minor Sulphides in Tourmaline Qtz-Carb	2206 166'3" - 169'1" ³⁴	0.54	0.51	0.2
169'1"	170'2"					10'3"	Gray chert				
170'2"	170'11"					0'9"	LODE - Py - minopy Minor Qtz-Carb + some chert	2207 170'2" - 170'11" ⁹	1.78	1.71	0.4
170'11"	172'7"					0'8"	Gray chert.				

HOLE No. C189

SHEET No. 3

FOOTAGE FROM 172'7" TO 216'11"

NWPS

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	CORE RECOVERED	DESCRIPTION	SAMPLE DATA	ASSAY		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis				% Snt	% Snc	%
172'7"	178'10"					6'1"	<u>LODE</u> Py - cpy with minor pyr in Qtz. ls. - carb.	2208 172'7" - 175'9" ³⁸	1.53	1.48	1.0
178'10"	181'5"					2'3"	Gray chert.	2209 175'9" - 178'10" ³⁷	1.71	1.61	0.5
181'5"	181'8"					0'3"	<u>LODE</u> Tourmaline - Quartz - Carbonate - Fluorite				
181'8"	183'4"					1'6"	Gray chert				
183'4"	183'8"					0'4"	<u>LODE</u> Tourmaline - Quartz - Carbonate - Fluorite				
183'8"	190'8"					4'6"	Chert.				
190'8"	191'6"					0'9"	<u>LODE</u> Pyr + py minor cpy in Quartz - Carbonate	2216 190'8" - 191'6" ¹⁰	0.19	0.15	0.6
191'6"	192'3"					0'6"	Gray chert.				
192'3"	199'4"					6'8"	<u>LODE</u> Pyr + py --- cpy in Quartz - Carbonate.	2217 192'3" - 195'3" ³⁶	0.22	0.13	3.2
199'4"	201'11"					2'1"	Gray chert	2218 195'3" - 197'4" ²⁵	0.14	0.08	2.
201'11"	203'5"					1'6"	<u>LODE</u> Pyr + py minor cpy in Quartz - Carbonate	2219 197'4" - 199'4" ²⁴	0.89	0.87	0.
203'5"	204'1"					0'7"	Chert.	2220 201'11" - 203'5" ¹⁸	0.26	0.15	0.31
204'1"	207'10"					3'9"	<u>LODE</u> Py + pyr + cp - Quartz Carbonate	2221 204'1" - 207'10" ⁴⁵	1.01	0.75	1.0
207'10"	208'11"					10'0"	Chert.				
208'11"	210'8"					1'9"	<u>LODE</u> Py + pyr + cp - Quartz Carbonate	2222 208'11" - 210'8" ²¹	2.13	2.03	0.4
210'8"	211'3"					0'7"	Chert.				
211'3"	216'4"					5'1"	Sandstone.	Σ 163'7" - 210'0"	0.51	0.46	0.
216'4"	216'11"					0'7"	Shale.	= 47'1" (563')			

= 14'4m

HOLE No. C189

SHEET No. 4

FOOTAGE FROM 216'11" TO 228'0"

NWPS

DRILL FOOTAGE		VEIN OR OTHER INTERSECTIONS			BEDDING	CORE RECOVERED	DESCRIPTION	SAMPLE DATA	ASSAY		
From	To	Depth	True Width	Angle to Core Axis	Angle to Core Axis				% Snt	% Snc	%
216'11"	225'0"					7'3"	Sandstone				
225'0"	225'5"					0'5"	Chert				
225'5"	225'10"					0'5"	Sandstone				
225'10"	228'0"					2'0"	Chert				
END OF P.D.H. C189.											