

# 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 2811E

Date Commenced 28-7-69 Completed 31-7-69  
 Geological Logging by A. JESSUP  
 Core Recovery 195'10" / 218'0" : 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	% Cu
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	0.28
6'6"	18'11"					10'9"	Gray Shale				
18'11"	19'6"					0'3"	Sandstone				
19'6"	22'7"					2'4"	Gray Shale.				
22'7"	<del>40'8"</del>					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				
		65'9"	?	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	% Cu
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-grey Chert.				
83'0"	88'8"					4'11"	Green-grey Shales with minor cherts.				
88'8"	89'7"					0'5"	Highly altered brown Volcanics				
89'7"	106'9"					16'8"	Dark grey-green basic volcanics.				
106'9"	158'2"					38'10"	Green-grey 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 Grey chert.				
159'11"	163'7"					2'9"	Dark Grey chert + Tourmaline + minor Pyrit	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" <sup>32</sup>	0.08	0.07	0.14
166'3"	169'1"					2'4"	LODE: Minor Sulphides in Tourmaline Qtz-Carb	2206 166'3"-169'1" <sup>34</sup>	0.54	0.51	0.21
169'1"	<del>170'2"</del>					10'3"	Grey chert				
170'2"	170'11"					0'9"	LODE - Py - minopy Minor Qtz-Carb + some chert.	2207 170'2"-170'11" <sup>9</sup>	1.78	1.71	0.49
170'11"	172'7"					0'8"	Grey chert.				

HOLE No. C189

SHEET No. 3

FOOTAGE FROM 172'7" TO 216'11"

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	% Cu
172'7"	178'10"					6'1"	<u>LODE</u> Py - cpy with minor pyr in Qtz - taum - carb.	2208 172'7" - 175'9" <sup>38</sup>	1.53	1.48	1.08
178'10"	181'5"					2'3"	Gray chert.	2209 175'9" - 178'10" <sup>37</sup>	1.71	1.61	0.52
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" <sup>10</sup>	0.19	0.15	0.69
191'6"	192'3"					0'6"	Gray chert.				
192'3"	199'4"					6'8"	<u>LODE</u> Pyr + py <del>cp</del> cpy in Quartz - Carbonate.	2217 192'3" - 195'3" <sup>36</sup>	0.22	0.13	3.37
199'4"	201'11"					2'1"	Gray chert	2218 195'3" - 197'4" <sup>25</sup>	0.14	0.08	7.5
201'11"	203'5"					1'6"	<u>LODE</u> Pyr + py minor cpy in Quartz - Carbonate	2219 197'4" - 199'4" <sup>24</sup>	0.89	0.87	0.29
203'5"	204'1"					0'7"	Chert.	2220 201'11" - 203'5" <sup>18</sup>	0.26	0.15	0.36
204'1"	207'10"					3'9"	<u>LODE</u> Py + pyr + cp - Quartz Carbonate	2221 204'1" - 207'10" <sup>45</sup>	1.01	0.75	1.06
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" <sup>21</sup>	2.13	2.03	0.47
210'8"	211'3"					0'7"	Chert.				
211'3"	216'4"					5'1"	Sandstone.	Σ 163'7" - 210'8"	0.51	0.46	0.82
216'4"	216'11"					0'7"	Shale.	= 47'1" (565")			
								= 14.4m			

