

Diamond Drilling



41104NW0039 0010C1 MONGOWIN

010

Township of MONGOWIN

Report No: 12

Work performed by: Dayjon Explorers

Claim No	Hole No	Footage	Date	Note
S 110398	D-1	416'	Dec/61	
	D-2	400'	Dec/61	
	D-3	203'	Jan/62	
	D-4	281'	Jan/62	
	<u>Total: 4DH</u>	<u>1300'</u>		

Notes:

Drill Core Log

SCOPE MINING & EXPLORATION CONSULTANTS
LIMITED

Property Dayjon Explorers Limited

Hole No. D-1

Latitude S 30

Bearing _____

Page 1

Departure E 370

Dip -45°

Location _____

Length 416'

Core Size A 1 1/2"

Elevation _____

Started Dec. 11/61

Completed Dec. 15/61

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	Au oz/ton				
0.0	5.0	<u>Casing; quartzite</u>							
5.0	11.5	<u>Quartzite; light grey, impure, very hard.</u>							
11.5	13.5	<u>Argillite; dark green, massive, fairly soft.</u>							
13.5	24.4	<u>Quartzite; light pinkish color to 17'. Remainder dark grey impure. At 18-22 several slips at 20° core axis.</u>							
24.4	25.6	<u>Argillite; dark green, fairly soft, vuggy quartz at 24.6 - 24.8 at 90° core axis, a little red hematite in quartz.</u>							
25.6	39.7	<u>Quartzite; pink to 31' with slips at 20° to 30° core axis. At 31-35.7 light grey, impure, hard; bedding 60° core axis. At 35.7-39.7 light grey to pink colour.</u>							
39.7	75.0	<u>Argillite; dark green-grey, structureless, mainly soft, bedding 60° core axis. Quartzite at 44 - 45.2. At 73 - 75 thin bedded, 70° core axis, sheared, chloritic.</u>							
75.0	189.5	<u>Quartzite; light grey, hard, impure, bedding 75° - 80° core axis. Occasional slips 15° 25° & 50° core axis. At 98-101 white to pinkish colour and conchoidal fracture. Several pink beds at 114-121.</u>							
							% CORE RECOVERY		

Drilled by Boyles Bros., Noranda, Quebec

Logged by H. Parliment

SCOPE MINING & EXPLORATION CONSULTANTS
LIMITED

Property Dayjon Explorers Limited

Hole No. D-1

Latitude S 30

Bearing _____

Page 2

Departure E 370

Dip -45°

Location _____

Length 416'

Core Size A1 1/4"

Elevation _____

Started Dec. 11/61

Completed Dec. 15/61

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	AU oz/ton			
124.0	124.6	Two 1" and one 1/2" quartz-tourmaline stringers 70° core axis, very sparse pyrite. At 142.5-142.6 three pyrite stringers up to 1/4" wide along bedding planes.	D-1	0.6				
189.5	196.0	Argillite; dark green, fairly soft, chloritized.						
196.0	259.0	Quartzite; dark grey, hard, massive, very impure. At 208 1/2" barren quartz 60° core axis. At 252 1/2" barren quartz 30° core axis. At 253.6-254.1 - 1" quartz unmineralized, 20° core axis. At 255 - 1/2" barren quartz 35° core axis.						
259.0	287.0	Argillite; dark green, fairly soft, very narrow, irregular calcite stringers, sparse scattered pyrrhotite at 259-287. At 259 - 259.7 20% irregular quartz with very sparse pyrrhotite and pyrite. At 263.5 - 1/2" barren quartz 55° core axis.	D-2		Nil			
287.0	307.0	Nipissing Diabase; dark green, fairly hard, massive, magnetic, contact 2.5 core axis at 286-287. At 293-293.3 argillite inclusion. At 306.5 - 1 1/4" epidote 30° core axis with quartz ladder structure and scattered pyrite crystals. At 307 contact 30° core axis.						

% CORE RECOVERY

Drilled by Boyles Bros., Noranda, Quebec

Logged by H. Parliment

SCOPE MINING & EXPLORATION CONSULTANTS
LIMITED

Property Dayjon Explorers Limited

Hole No. D-1

Latitude S 30

Bearing _____

Page 3

Departure E 370

Dip -45°

Location _____

Length 416'

Core Size A 1 1/2"

Elevation _____

Started Dec. 11/61

Completed Dec. 15/61

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	Au oz/ton			
307.0	328.0	<u>Argillite</u> ; dark green, fairly soft, irregular and very narrow widely spaced carbonate stringers, occasional scattered crystals of pyrite and pyrrhotite. At 318-328 drag folded at 30° to 0° core axis sericitized. At 327 1/2" barren quartz.						
328.0	339.5	<u>Quartzite</u> ; pink, hard, massive At 327.2-328.8 irregular glassy quartz, 20% of core. At 331.5-332.5 1/2" glassy quartz parallel core. At 333.3-333.9 white glassy unmineralized quartz. At 334.7-335 white glassy unmineralized quartz. At 335.6-335.9 white glassy quartz, 1/2" crystal pyrite. At 336.3 - 1" unmineralized quartz.	D-3		Nil			
339.5	340.5	<u>Argillite</u> ; chloritic, sheared 30° core axis.						
340.5	347.0	<u>Quartzite</u> ; same as above, impure.						
347.0	348.5	<u>Argillite</u> ; chloritic, a little carbonate, sheared 30° core axis.						
348.5	372.0	<u>Quartzite</u> ; same as previous, very impure. At 348.5 - 349 irregular unmineralized quartz.						
						% CORE RECOVERY		

Drilled by Boyles Bros., Noranda, Quebec

Logged by _____

SCOPE MINING & EXPLORATION CONSULTANTS
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Dayjon Explorers Limited

Property.....

Hole No. D-1

Latitude S 30

Bearing.....

Page 4

Departure E 370

Dip -45°

Location.....

Length 416' Core Size A 1 1/4"

Elevation.....

Started Dec. 11/61 Completed Dec. 15/61

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
		At 355.5 1/2" quartz sparse pyrite.						
		At 356.5 1 1/4" quartz sparse pyrite.						
		At 356.6 1 1/4" quartz sparse pyrite.						
		At 360 3/4" quartz-tourmaline, fair pyrite.						
		At 361.8 - 362.3 unmineralized quartz 2° core axis.						
		At 364.7-365 quartz - carbonate, very sparse pyrite.						
		At 366.5-367.5 irregular quartz with pyrite, 2° core axis.						
372.0	375.0	Argillite; soft, chloritic, shear 45° core axis.						
375.0	416.0	Quartzite; very impure 375-389 & 394-400, rest light grey to pink colour.						
		At 391.8-394.1 irregular quartz, D-4 sparse pyrite.				N11		
		At 414.6-415 chlorite schist 70° core axis.						
% CORE RECOVERY								

SCOPE MINING & EXPLORATION CONSULTANTS
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Property DAYJON EXPLORERS LIMITED

Hole No. D-2

Latitude 175° N

Bearing Grid North

Page 1

Departure L 9 + 00E

Dip -45°

Location

Length 400'

Core Size 1X (1 1/2")

Elevation

Started Dec. 17/61

Completed Jan. 6/62

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	Au. oz/ton			
0	12.0	Casing; broken up quartzite.						
12.0	90.6	Quartzite; mainly light grey, very hard, impure, bedding 70° core axis. At 39-42 white almost pure quartzite. At 61-63 and 64-67 white almost pure quartzite.						
90.6	92.0	Argillite; dark green, highly sheared, 45° core axis; numerous thread like carbonate stringers parallel shearing, considerable fine pyrite and pyrrhotite, 1/2" quartz stringer at 90.6'.	D-5	1.4	0.04			
92.0	251.8	Quartzite; same as previous, several slips 35° and 45° core axis. At 119', 1/2" quartz 70° core axis. At 187'-190' and 225' bedding 55° core axis. 1" unmineralized quartz stringers at 195', 203' and 204.5'. A little platy pyrite along slip planes. At 248'-248.3' barren glassy quartz. At 251.8 contact at 40° core axis.						
251.8	272.5	Argillite; dark green, soft, chlorite schist 35° - 40° core axis, speckled with tiny carbonate crystals, carbonate stringers parallel shearing. At 265-265.3 barren quartz-carbonate-tourmaline 40° core axis.						

% CORE RECOVERY

SCOPE MINING & EXPLORATION CONSULTANTS
LIMITED

Property DAYJON EXPLORERS LIMITED

Hole No. D-2

Latitude..... Bearing..... Page 2

Departure..... Dip.....

Location..... Length..... Core Size.....

Elevation..... Started..... Completed.....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
272.5	281.0	<u>Quartz Diabase</u> ; dark green, fine grained, quartz-carbonate stringers and fine pyrite.						
281.0	311.0	<u>Quartzite</u> ; dark to light grey, very hard. Argillite at 285'-286', 288'-288.5' and 306'-307'. At 311' contact at 90° core axis.						
311.0	333.7	<u>Argillite</u> ; dark green, soft, slight schisting, chloritic bedding 55° core axis, very little carbonate.						
333.7	400.0	<u>Quartzite</u> ; dark to light grey, very hard. At 390-400 mainly white, almost pure.						
		- END OF HOLE - 400 feet						
								% CORE RECOVERY

Drilled by Boyles Bros. Ltd., Noranda, Que. Logged by H. Parliment

Drill Core Log

SCOPE MINING & EXPLORATION CONSULTANTS
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Property DAYJON EXPLORERS LIMITED

Hole No. D-3

Latitude 248° N

Bearing 355°

Page 1

Departure L 6 E

Dip -45°

Location _____

Length 203'

Core Size AX (1 1/2")

Elevation 1480

Started Jan. 7/62

Completed Jan. 9/62

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0	39.0	<u>Casing</u>						
39.0	43.0	<u>Argillite; dark green, chloritic, slips at 15° to 25° core axis. At 43' contact at 25° core axis.</u>						
43.0	47.0	<u>Quartzite; dark grey light grey, hard.</u>						
47.0	56.0	<u>Argillite; dark green, chloritic, local narrow, irregular quartz-carbonate stringers with a little pyrite and chalcopyrite. At 56' contact at 40° core axis.</u>						
56.0	102.0	<u>Diabase; dark green, medium grained, massive, structureless, occasional pyrite cubes and epidote stringers.</u>						
102.0	114.0	<u>Argillite; dark green, chloritic schist 40° core axis, several slips at 15°-20° core axis. At 111.5-111.7 quartz with a little pyrite in footwall.</u>						
114.0	119.5	<u>Quartzite; dark grey, very hard, massive.</u>						
119.5	156.0	<u>Argillite; dark green, bedding 40° core axis. At 138.5 - 2" unmineralised quartz-carbonate.</u>						
								% CORE RECOVERY

Drilled by Boyles Bros. Ltd. Noranda

Logged by H. Parliment

SCOPE MINING & EXPLORATION CONSULTANTS
LIMITED

DAYJON EXPLORERS LIMITED

Property.....

Hole No. D-3

Latitude..... Bearing..... Page 2

Departure..... Dip.....

Location..... Length..... Core Size.....

Elevation..... Started..... Completed.....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.	Au. oz/ton			
		<u>At 140-141.2 quartz, white, bullish, a little pyrite across 1" near hanging wall.</u>	D-6	1.2	Nil			
		<u>At 141.2-143.6 quartz, about 30% included schist, sparse pyrite and pyrrhotite and minor chalcopryrite.</u>	D-7	2.4	Nil			
		<u>At 143.6-147.2 quartz, about 20% included schist, very sparse sulphides.</u>	D-8	3.6	Nil			
		<u>At 147.2-150.5 quartz, about 40% included schist, sparse pyrite, pyrrhotite and chalcopryrite.</u>	D-9	3.3	Nil			
156.0	189.0	<u>Quartzite; light grey, Considerably brecciated.</u>						
189.0	191.0	<u>Argillite; same as above.</u>						
191.0	202.0	<u>Quartzite; same as above.</u>						
202.0	203.0	<u>Argillite; same as above.</u>						
		--END OF HOLE -- 203 ft.						
		Casing removed. Hole made a little water.						
						% CORE RECOVERY		

Boyles Bros. Ltd. Noranda

H. Parliament

Drilled by.....

Logged by.....

Drill Core Log

SCOPE MINING & EXPLORATION CONSULTANTS

LIMITED
DAYJON EXPLORERS LIMITED

Property.....

Hole No. **D-4**
1

Latitude **N 170**

Bearing **330°**

Page.....

Departure **L 6 N, 100'W**

Dip **-45°**

Location **1480**

Length **281'** Core Size **AXT (1 1/2")**

Elevation.....

Started **Jan. 10/62** Completed **Jan. 12/62**

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
0	10.0	Overburden, casing 0-12'						
10.0	12.0	Argillite; dark green, chloritic, slips at 20° core axis.						
12.0	67.0	Quartzite; pink and light grey, very hard; slips at 30°-45° core axis, bedding 55° core axis; at 67 contact at 40° core axis.						
67.0	154.0	Argillite; dark green, very soft, chloritic, highly sheared at 25° core axis, scattered irregular carbonate. At 73-124 highly brecciated, angular fragments of quartzite up to 2" diameter, several slickensided faults at 25° - 30° core axis. At 95' - 3" quartzite with contacts at 35° core axis. At 141-154 many thin slaty bands. At 140-144 six highly slickensided faults at 30° core axis. At 154 contact 35° core axis.						
154.0	190.0	Diabase; dark green, massive, medium to coarse grained, slightly magnetic, 3" argillite inclusions at 159' and 160'. Jointing at 40° and 55° core axis, occasional thin epidote stringers.						
190.0	195.0	Argillite; dark green, chloritic, fairly soft.						
								% CORE RECOVERY

Boyles Bros. Ltd. Noranda

H. Parliment

Drilled by.....

Logged by.....

Drill Core Log

SCOPE MINING & EXPLORATION CONSULTANTS
LIMITED

Property DAYJON EXPLORERS LIMITED

Hole No. D-4

Latitude..... Bearing..... Page 2

Departure..... Dip.....

Location..... Length..... Core Size.....

Elevation..... Started..... Completed.....

FROM	TO	FORMATION	SAMPLE NO.	LENGTH FT.				
195.0	196.5	Granite dike; pinkish color, medium grained composed of quartz, feldspar with minor basic minerals. Contacts 30° core axis.						
196.5	197.0	Argillite; same as previous						
197.0	209.0	Diabase; dark green, fine grained, massive.						
209.0	212.5	Argillite; dark green, chloritic, narrow slaty bands, sparse fine scattered pyrrhotite.						
212.5	216.5	Quartzite; dark grey, very hard, massive.						
216.5	219.5	Diabase; same as previous, contacts 30° core axis.						
219.5	221.5	Argillite; dark green, slaty, bedding 25° core axis.						
221.5	227.0	Diabase; same as previous, contacts 30° core axis.						
227.0	229.0	Quartzite; same as previous						
229.0	244.0	Diabase; same as previous						
244.0	281.0	Argillite, Quartzite and Greywacke; interbedded, thin beds, slaty argillite and dark grey quartzite. At 244' - 2" barren quartz. At 267-268 - 1" quartz stringer parallel core. -END OF HOLE - 281 feet.						

% CORE RECOVERY

Casing removed.

Drilled by Rawlco Bros. Ltd. Nevada

Logged by H. Parliment

CLAIM NO. S110398

