

010

## DIAMOND DRILLING

TOWNSHIP: STOCK

REPORT No.: 15

WORK PERFORMED BY: HOLLINGER ARGUS LIMITED

CLAIM No.	HOLE No.	FOOTAGE	DATE	Note
P 522388	S2B-1-80	899.0	May/80	(1)

NOTES: (1) # 109-80

Plan or Don 528-1-80

STOCK TUP SCALE 1' . 400'

START MAR 16/60

FINISH MAR 25/60

DIR OF CORE 1.44"

WIRE LINE 13 Q

CONTRACTOR BRANCEY BROS

TIMENIAS ON

LENIGTH 899.

DIP -60.

Az 350.

Jakle

76+65W 13+45N (using Reid Lake Grid) Location:

DIAMOND DRILL REPORT

HOLE No.

S2B-1-80

l.

Core Size: BQ

PROPERTY:

STOCK 2B

Azimuth: 350<sup>O</sup>

Township:

Elevation: Surface

Stock Township

Dip: 60°@ collar; @ 200'-53°: @ 400'-43.5°:

Location of Collar from #3 Post of P.522388

N 350

March 16, 1980 Commenced:

March 25, 1980 Finished:

Contractor: Bradley Bros.

(	200'- 600'-	-53°; @ 400'-43.5°; -36°; @ 800'-29°	E	350						2233227 2333
rom	То	DESCRIPTION	From	To	Width	Au oz	•			Description of Sample
0	102'	Casing (casing pulled).								
102	899	Temiskaming sediments - at the collar of								
		the hole, conglomerate.	102	105	3	Trace				G - minor po py
		The conglomerate is a polymictic para-					-		.	
		conglomerate with a quartzitic (nearly an	115	118	3	Trace				G - fine. sparse
		orthoquartzitic) matrix. The fragments in	118	120	2	0.005				G - coarser, dense
		the conglomerate average approximately 1 cm								
		in size and include both angular and sub-	130	133	3	Trace				G - coarse
•		rounded to elliptical types.	133	135	2	11				G - fine - minor qtz.
		Most of the angular fragments are	135	137	2	0.005				G - fine - 5% strs.
	1	either a dark, rich, emerald green mixture	137	140	3	Trace				G - minor strs - minor po p
	!	of chlorite-fuchsite, or brownish, weathered								
-		volcanics (presumably andesite). The sub-								
		rounded fragments have a variable chert to								
		silica content and include white to greyish,		· · · · · · · · · · · · · · · · · · ·				İ		
		buff and yellowish pebbles, some of which								
		are granitic.								
		At the collar of the hole (around 103),								
		there are a few lensoid, pyrrhotite frag-								
		ments with grey green alteration rims of								
		carbonate and chlorite-sericite.	160	165	5	Trace				G - tr. po py
		On the whole, the conglomerate is weakly						-		
<del></del>		to moderately altered with chlorite, sericite								

PROPERTY	STOCK	2B	
Township	Stock	Township	

From	ТО	DESCRIPTION	From	To	Width	Au Oz			-		Description of Sample
	!	and ankerite. Veining in the conglomerate									
	!	is sparse with only a few quartz ± ankerite									
	!	stringers being noted. Mineralization	185	190	5	Trace					G - tr. py - med.
	İ	consists of minor pyrrhotite and pyrite	190	195	5	"	-				G - minor py - med.
		occurring as lensoid fragments, and fine to								•	
	1	coarse disseminations in both fragments and	205	210	5	Trace					G - med. to cs tr. py
	•	matrix.	210	215	5	17					G - med. to cs minor py
		Banding in the conglomerate is weakly	215	220	5	77					G - fine - minor py
		exhibited by stretched fragments and									•
		horizons containing accessory sericite ±	240	245	5	Trace		-			G - fine, sparse - tr.py
·		chlorite alteration. The banding/fragment									:
		elongation varies from 45-70° to the core	270	272	2_	Trace		-			G - cs - minor py po
		axis.	272	275	3	11			•		G - cs - tr. py po - minor str
		After 200, the alteration banding and	275	277	2	***					G - fine - tr. po py
		fragment elongation are much more uniform at	277	280	3	***					G - cs - 3% py po - 10% strs.
		65-70° to the core axis.	280	282	2	. 11					G - med minor py po
		Top determinations in the conglomerate	282	285	3	"					G - fine - tr. py po
		suite are based on graded bedding - both									
		changes in coarse to fine matrix material	310	315	5	Trace					G - med. to cs - minor py po
		and coarse to fine fragment population.	315	320	5	***					G - fine - minor py po
		Although somewhat tenuous, tops appear to be	320	325	5	"					G - fine - minor py po
		consistently up the hole.	325	330	5	11					G - cs - minor py po
		At 140, there was some caving in the	. 330	334	4	**					G - fine - tr. py po
		drill hole - presumably related to several	334	336	2	11					G - cs - minor py po

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From	То	DESCRIPTION	From	To	Width	Au oz			Description of Sample
	!	narrow sections of blocky							
	İ	core from 122-133. Part of the blocky nature							
		in certain sections of core is caused by	336	338	2	Trace			G - blocky - tr. by po. 10% strs
		scattered, narrow, open chloritic fractures	338	340	2	17			G - alt'd - tr. pv po
	: 	at a shallow angle to the core axis.	340	345	5	"		•	G - med tr. py po
		From 336.3-337.3 the core is again blocky	345	350	5	11			G - cs - tr. py po
		with a few chloritic fractures and minor	350	355	5	77			G - med tr. py po
		quartz veining. Below this section, the	355	360	5	**			G - med tr. py po
		conglomerate is darker in colour and more	360	365	5	17			G - med minor py po, trqtz
		chloritic up to 378.6. After 378.6, the	365	370	5	"	-		G - med minor py po, tr. qtz
· · · · · · · · · · · · · · · · · · ·		rocks grade lighter in colour to grey and	370	375	5	17			G - med tr. py po
		yellowish grey by 398.	375	380	5	. 11			G - cs - tr. py po
		The conglomerate from 337.3-398 is	380	385	5	11			G - cs - minor py po
		medium to coarse with scattered grey to	385	390	5	***			G - med minor py po
		black argillaceous fragments in addition to	390	395	5	**			G - med tr. py po
		the previously mentioned types. Both	395	397	2	**			G - fine - tr. py po - 10% qtz
		chlorite and ankerite alteration are more	397 ·	400	3	"			G - fine - minor py po
<del></del>		pronounced and the matrix is generally	400	405	5	11			G - fine to med minor py po
		coarser grained and more granular than	405	406	1	tr .			G - fine - minor py po - 15% qtz
		previous.	406	410	4	n			G - fine - minor py po
		From 590-597.6, there are numerous fine							
		fractures healed with chlorite at variable	445	450	5	Trace			G - fine - minor py po
	!	angles to the core axis. This type of	450	455	5	"			G - fine - minor py po
		fracture, although very scattered at first,							

PROPERTY STOCK 2B

Township Stock Township

From	То	DESCRIPTION	From	To	Width	Au Oz				Description of Sample
•	-	is more prominent after 600, and appears to				and the second s				
		be a major factor in the general darkening	480	485	5	Trace				G - cs - 3% py po
		of the conglomerate around 720.	485	487	2	"				G - med 5% py po - 5% strs.
		Also, below 600 - particularly after	487	490	3	11				G - med minor py po
	1	620, there are scattered fine fractures of	490	491	1	-11				G - fine - minor py po - 5% st
		calcite, ankerite and quartz-ankerite.	491	495	4	**				G - med 3% py po
	1	Only the calcitic fractures, however, tend	495	497	2	0.015				G - fine - minor py po - 5% st
		to have an affinity for the chloritic	497	500	3	Trace				G - med minor py po
		fractures.								•
		Mineralization below 620 is most often	520	525	5	Trace		-		G - fine - minor py
		isolated within or marginal to stringer								·
	1	material, unlike the top of the hole where	575	580	5	Trace				G - cs - minor py
		sulphides are usually found as fragments or								·
		bright splashes with darker brassy margins.	590	595	5	Trace				G - med w.chl.fract tr. p
		The conglomerate from 720 to the end of	595	600	5	"				G - fine - w.chl.fract., minor
		the hole is medium to dark grey in colour								
		and similar to the earlier part of the suite	620	625	5	Trace				G - fine - minor py - minor st
		- i.e. there are scattered subrounded to	625	630	5	11				G - fine - tr. py - 5% strs.
		subangular fragments in a protoquartzitic	630	632	2	11				. G - fine - minor py - 5% strs.
		matrix. The conglomerate has a moderate	632	635	3	"				G - fine - minor py - minor st
		overprint of ankerite alteration plus minor	635	640	5	***	-		·	G - fine - minor py -
		chlorite and sericite. Some of the chlorite	640	645	5	**				G - med minor py
		appears to be retrograde after biotite.	645	650	5	11				G - fine - minor py - minor st
	1		650	655	5	**				G - fine - minor py - "

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From	То	DESCRIPTION	From	To	Width	Au oz	Ag ppm	Description of Sample
<u> </u>		There are also scattered sulphide	695	700	5			G - fine - minor py - 5% strs
			700	705	5	Trace		G - med minor py - minor s
		fragments (generally pyrrhotite) at the end of the hole, as well as splashes of pyrite	700	710	5	11		G - fine - " py - "
					5			G - fine - " py - "
· · · · · · · · · · · · · · · · · · ·		and/or pyrrhotite both in fragments and	710	715				G - fine - " py - "
		matrix.	715	720	5		,	G - Tine - py -
			740	745	5	Trace		G alt tr. py - minor strs.
			745	750	5	٧		G alt tr. py - 5% strs
			750	755	5	"	-	G alt tr. py - minor strs.
			755	760	5	•		G alt tr. py - " "
				@ 761	-	0.01	3	
			805	810	5	Trace		G - fine - tr. py po
			820	825	5	Trace		G - fine, granular - minor st
·								minor py.
			845	848	3	Trace		G - fine - tr. py - tr. strs.
			848	851	3	"		G - fine - minor py - tr. str
			851	852	1	**		G - med minor py - 10% "
			852	855	3	**		G - med minor py - tr. str
			855	860	5	"		G - med minor py - minor s
			860	865	5	**		G - cs - minor py po - st
			865	866	1	"		G - med 3% py - 1 str. qt

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rom	То	DESCRIPTION	From	To	Width	Au oz			-	Description of Sample
<u> </u>			866	870	4	Trace				G - med minor py po
			870	875	5	"				G - cs to fine - minor by po
			875	876	1	**				G - fine - minor py - 1 str qtz-cal
i			876	880	4	Trace				G - fine - tr. py
			880	885	5	11				G - fine - tr. py - tr. strs.
			885	890	5	**				G - med tr. py - minor str
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	899'	END OF HOLE								
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