

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

J.G.T.

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HOLE NO.
2930
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DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	Depth (feet)	Dip	Azimuth (True)	Comments	MAP REFERENCE NO.	CLAIM NO.					
CONTINENTAL		793' (approx)	-	2177											
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY					*Duplicate Tropari tests in mutual agreement -two wedges placed to increase dip of hole; tops of wedges at 400 & 614 ft. - Downhole Maglog 1986	LOCATION (Tp., Lot, Con. OR Lat. and Long.) N12,500-E15,350 Buchans Coordinates						
Sept. 5, 1977	Oct. 27, 1977	Sept. 30 - Oct. 31	J. G. THURLOW		0	90	-								
EXPLORATION CO. OWNER OR OPTIONEE		DATE SUBMITTED	Core Size		71	90	-								
THE PRICE COMPANY LIMITED MINERAL RESOURCES DIVISION		Oct. 31/77	60 - 2177 :BQ		*150	88	120								
					*222	85	210			PROPERTY NAME Middle Branch ("Lake Three")					
FOOTAGE		DESCRIPTION					Sample Footage		Assays						
FROM	TO	Colour, grain size, texture, minerals, alteration, etc.					From	To	Sample Length	Cu	Pb	Zn	Au	Ag	
0	60	Overburden to 56 ft, cased to 60 ft.													
60	75	Diabase; sheared and broken core; very blocky ground - basal contact not cored					SEE PHOTOGRAPH SURVEY ATTACHED								
75	84	Dark green foliated and weakly pyritized intermediate-dacitic tuff - sheared and broken core throughout - basal contact poorly cored; probably near perpendicular to core													
84	96	Pinkish brown rhyolite intrusive; Topsails granite affiliate - small quartz phenocrysts, abundant small black chloritic specks after a mafic mineral - minor disseminated pyrite - flow banded at basal contact													
96	193	Dark green to medium grey fine grained foliated tuff; approximate intermediate composition - sheared and broken core ends at 102 ft. - local minor quartz crystals - foliation at high angles to core is locally tightly folded or crennulated - 2-10% disseminated pyrite throughout; some boudinaged pyrite beds - bedding appears to be near horizontal and parallel to foliation - several zones with concentrations of epidotized feldspar crystals; these zones appear somewhat more mafic, i.e. andesitic - 145-148 cut by rhyolite sill; similar to 84-96 - basal contact gradational													
193	738	Dark green fine grained foliated andesitic tuff - contains abundant green epidotized plagioclase - foliation and bedding near perpendicular to core - some tightly folded beds visible - up to 5% disseminated pyrite													

See footnotes such as foliation, bedding, etc. measured from the base of the core.

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DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	Depth (feet)	Dip	Azimuth (True)	Comments - wedges set at 1194, 1255 and 1343 to increase azimuth of hole	MAP REFERENCE NO.	LOCATION (Tp., Lot, Con. OR Lat. and Long.)	PROPERTY NAME		
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		311	85°	213						
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	Core Size		382	84°	225						
					492	84°	217						
					572	82°	215						
FOOTAGE FROM	TO	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.				Sample Footage From To		Sample Length	Assays Cu Pb Zn Au Ag				
193	738	- some moderately magnetic beds, especially around 230; tightly folded light and dark grey beds in this zone											
		- some interbeds of intermediate tuff; several zones cherty tuff											
		- 339-350 shearing, fault gouge and broken core											
		- below fault zone andesitic tuff as before; local isolated large (2-5mm.) quartz grains											
		- local bedding at high angles to core											
		- zones of fine grained lapilli-tuff gradually become more common downward											
		- around 575 foliation steepens somewhat; average 60° to core											
		- 627-632 minor shearing											
		- 732-738 minor shearing											
		- basal contact conformable											
738	824	Interbedded mafic to felsic pyroclastics											
		- 738-743 masked dacitic tuff; coarse to 5mm. semi-prominent quartz											
		- 743-757 fine grained dark green intermediate-dacitic tuff											
		- similar in appearance to thick andesitic unit above but contains very small quartz throughout											
		- weakly foliated at high angles to core											
		- locally grades into andesitic tuff											
		- 757-762 - hard masked felsic pyroclastic; no quartz											
		- minor disseminated pyrite											
		- 762-774 - andesitic to intermediate pyroclastics; medium grey-green plagioclase?)											
		- local traces quartz											
		- 774-789 greenish to pinkish material similar to above but somewhat harder and more felsic											
		- 789-792 andesitic lithic tuff											
		- 792-804 - similar to 774-789 with aligned chloritic specks											
		- 804-824 fine grained andesitic to intermediate tuff with some more felsic-looking zones; textures masked											
		- basal contact conformable											

For features such as foliation bedding schistosity measured from the face of the core

DATE HOLE STARTED		DATE COMPLETED	COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	Depth (feet)	Dip	Azimuth* (True)	Comments	MAP REFERENCE NO.	HOLE NO. 2930	PAGE 3	
			DATE LOGGED	LOGGED BY							CLAIM NO.		
EXPLORATION CO., OWNER OR OPTIONEE			DATE SUBMITTED	Core Size	682	82°	220				LOCATION (Tp., Lot, Con. OR Lat. and Long.)		
					825	80°	215						
					902	79°	200						
					1022	76°	195				PROPERTY NAME		
FOOTAGE FROM	TO	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.				Sample Footage From To		Sample Length	Assays Cu Pb Zn Au Ag				
824	957	Dark green, andesitic lapillistone and lapilli-tuff - weakly foliated to non-foliated - soft and chloritic - well defined fragments; textures not masked - fragments have no amygdules, no phenocrysts but have small chloritic specks - minor white calcite veining - 915-918 cut by dark grey green intrusive (?): 5 mm. qtz., pink fsp. - at 947, 7cm. pyrite vein (?) bed (?) - basal contact conformable											
957	1068	Interbedded mafic to felsic pyroclastics; most commonly intermediate - rapidly varying lithologies and varying alteration from silicification to chloritization - colours vary from light to dark grey-green - local visible quartz grains - some perlitic cracks preserved - e.g. @996 - minor disseminated pyrite - some zones interbedded andesitic lapillistone similar to 924-957 - commonly silicified to rhyolite-like colours and hardness - 1012-1028 andesitic-intermediate lapillistone and lapilli tuff commonly with thin white films on margins of lapilli - 1028-1068 mainly variably altered intermediate tuffs - some beds of quartz-bearing dacitic tuff; some beds andesitic tuff - alteration and hardness highly variable - 1091-98 minor veinlet pyrite, traces chalcopyrite											
1068	1377	1068-1377 - mainly andesitic pyroclastics, lesser intermediate, rare dacite - 1091-1098 minor veinlet pyrite, traces chalcopyritic - 1151-1152 traces Pb-Zn-Cu associated with white quartz veining - andesitic lapillistones contain occasional rhyolite, clast - abundant matrix calcite throughout - speck Pb-Zn-Cu @1241											

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LOCATION (Tp., Lot, Con. OR Lat. and Long.)

PROPERTY NAME	
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Colour, grain size, texture, minerals, alteration, etc.

Sample Footage

Sample Length

Assays

Cu

Pb

20

Ду

Ag

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DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY		1102	75°	195		LOCATION (Tp., Lot, Con. OR Lat. and Long.)				
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	Core Size		1188	74°	193		PROPERTY NAME				
					1242	73°	198						
					1302	73°	201						
FOOTAGE FROM TO		DESCRIPTION			Sample Footage		Sample Length	Assays					
1068 1377		Colour, grain size, texture, minerals, alteration, etc. - a number of altered fragments near basal contact - small weak shear at basal contact			From	To		Cu	Pb	Zn	Au	Ag	
1377 1500		Basaltic flow; calcite amygdules and abundant calcite veinlets - underlain at 1390 by lapilli tuff and tuff which contains a few rhyolite fragments - tuffaceous units are very similar to overlying unit - local quartz grains and numerous fragments dacitic tuff below 1470 and grades into dacitic tuff at 1500											
1500 1539		Masked dacitic tuff, mostly 2mm. quartz - several silicified, bleached and altered zones - 1513-1522 interbedded basaltic flow and tuff - 1530-39 cut by brownish rhyolitic intrusive											
1539 1958		Hematized and calcite-rich basaltic fragmental - small quartz and calcite amygdules in fragments - abundant quartz and calcite veinlets - 1577-1625 cut by pinkish brown felsite dyke - 1625-1650 hematized basalt fragments as before but with dacitic to arkosic matrix; some prominent quartz - probably represents Upper Arkose horizon - felsic matrix becomes less pronounced below 1650 - 1650-1958 basaltic fragmental similar to material above intrusive - hematized fragments in non-hematized somewhat more felsic matrix - hematization becomes weak to absent below 1737 - abundant quartz-calcite veinlets; average approx. 10-20% - hematization returns again 1787-1802; irregular hematized zones below 1802 - 1877-78 steep angle diabase intruded after veining in basalt in vicinity of diabase several poorly bedded sections with apparently very steep dips - cut by diabase 1890-94											

or features such as foliation, bedding, schistosity, measured from the long axis of the core

