

DIAMOND DRILLING LOG

ABITIBI-PRICE MINERAL RESOURCES

HOLE NO.	PAGE NO.
BJ-80	1
CLAIM NO.	
CL 2329	

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE	PROPERTY NAME		CLAIM NO.					
Longyear Canada Inc.			130°	91.42 (300')	-45	Seal Pond Area... Grid 2005-2		CL 2329					
DATE HOLE STARTED		DATE COMPLETED	DATE LOGGED	LOGGED BY	CORE SIZE	MAP REFERENCE NO.		LOCATION					
Mar. 29/84		Mar. 31/84	Apr. 3/84	D. Barbour	B0	NTS 12A/16		L18W, N26+35					
FOOTAGE FROM TO		ROCK TYPE	DESCRIPTION			SAMPLE FOOTAGE FROM TO		SAMPLE LENGTH	ASSAYS				
									Au (oz)	Ag (oz)			
0	3.66	Overburden	Casing Pulled.					Metres					
3.66	37.61	Mafic Tuff?	3.66-4.72...Green colored, epidote-rich, chloritic, moderately to strongly foliated mafic (tuff?)...Partly with up to 8 mm round epidote aggregations augened by foliation, partly with larger (up to 6 cm) epidote fragments... partly with fair amount interstitial calcite, partly with thin quartz-calcite-chlorite stringers - texture not distinctly tuffaceous - traces to 2% pyrite (dissemination and stringer) - some thin zones more like below 4.72-5.33 & 6.4-10.36 m...Gray to green-gray colored, fine grained, very chloritic mafic tuff and possible fine wacke...rock has good bedded look which may be partly original bedding or completely caused by the strong foliation (50-90° to core)...foliation in places kink folded on small scale (1-2 cm) - overall 2-3% pyrite (diss. and stringers) - some thin calcite stringers and segregations - some epidote, mainly as 1-3 cm knots augened by foliation - at 6.7 m is a 4 cm chlorite pug zone and at 7.0 m a short very broken zone (may be VLF conductor) 15.85-37.61 m...Similar to 6.4-10.36 m only slightly coarser and not as well bedded looking - approx. 2% pyrite - foliation at 70° to core 24.38-34.14 m...some brecciation and fracturing and increased quartz-calcite + pyrite stringers due to fault movement - 28.8-29.11 m...chloritic pug and fault breccia (may be VLF conductor. 35.9-36.54 m...gray to pinkish colored zone of strong silicification with stringers of pyrite and traces cupy (stockwork-like alteration) - like below unit - contact 37.61 m gradational through silicification			6.92 8.23	8.23 9.57	1.31 1.34	N11 N11	N11 0.15		16788 16789	
						10.03	11.49	1.46	N11	N11		16790	
						18.32	19.6	1.28	N11	N11		16791	
						29.26	30.33	1.07	N11	N11		16792	
						35.9	36.54	0.64	N11	Tr		16793	

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DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL FOOTAGE	DIP OF HOLE	PROPERTY NAME		CLAIM NO.		
DATE HOLE STARTED		DATE COMPLETED	DATE LOGGED	LOGGED BY	CORE SIZE	MAP REFERENCE NO.		LOCATION		
FOOTAGE FROM TO		ROCK TYPE	DESCRIPTION		SAMPLE FOOTAGE FROM TO		SAMPLE LENGTH	ASSAYS		
								Au(oz)	Ag (oz)	
37.61	52.12	Intermediate? Volcanic	Gray colored, massive, very siliceous, aphanitic rock with abundant to scattered 0.5-1 mm whitish feldspar phenos - no free quartz...intermediate to felsic composition? - 1-2% disseminated and minor stringer pyrite, traces cupy. 42.52-43.86 m...gray to pinkish more altered with abundant stockwork-like stringers of pyrite and traces cupy...pink alteration along vein margins similar to some of Skidder Area alteration. - contact 52.12 m conformable (irregular at approx. 90° to core		37.61	38.71	1.1	N11	N11	16794
					42.46	43.86	1.4	N11	N11	16795
					46.39	47.58	1.19	N11	N11	16796
52.12	52.91	Mafic Tuff?	Green colored, very chloritic, foliated, non-descript mafic tuff? ...scattered possible fragments...at contact with below is a short section containing small siliceous fragments in chloritic matrix - some thin calcite-quartz stringers - approx. 2% pyrite (diss. and stringers) - traces cupy		52.91	54.43	1.52	N11	Tr	16797
52.91	54.43	Intermediate? Volcanic	...Gray, very siliceous zone...similar to 37.61-52.12 m only no feldspar...could be silicification of mafic volcanic...partly with abundant pyrite stringers - trace cupy - contact 54.43 m conformable							
54.43	63.27	Vitric Tuff	54.43-55.47 m...green, fine grained, chloritic, foliated, non-descript rock similar to 52.12-52.91 m...tuffaceous?...looks mafic but could have been very vitric giving secondary chlorite...2-3% pyrite, traces cupy 55.47-63.27 m...lapilli tuff...approx. 30% up to 3 cm. long (flattened 2:1 or 3:1) fragments of pinkish-gray, siliceous, aphanitic rock like 37.61-52.12 m in a green, chloritic, tuffaceous matrix...rock looks andesitic but this may be due to chloritic replacement of an original vitric component...foliated 70° to core - 2-3% pyrite (diss. + stringers), traces cupy - contact 63.27 m conformable.							

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DATE HOLE STARTED		DATE COMPLETED	DATE LOGGED	LOGGED BY	CORE SIZE	MAP REFERENCE NO.		LOCATION		
FOOTAGE FROM TO		ROCK TYPE	DESCRIPTION			SAMPLE FOOTAGE FROM TO		SAMPLE LENGTH	ASSAYS	
63.27	67.66	Intermediate? Volcanic	Gray colored, very siliceous, massive, aphanitic rock - first 0.4 m identical to 52.73-54.43 m, then get small feldspar phenos same as 37.61-52.12 m - some brecciation with chlorite-pyrite interstitial material - approx. 2% pyrite - conformable contact							
67.66	91.44 (END)	Tuff - andesitic?	67.66-68.88 m...tuff as 55.47-63.27 m only coarse ash size 68.88-69.92 m...silicified zone...nondescript, may be silicified tuff ...some pyrite stringers 69.92-73.45 m...tuff similar to 15.85-37.61 m... ash size...green, chloritic...could be andesitic composition... - approx. 2% diss. and minor stringer pyrite 73.45-76.2 m...very fine grained and chloritic...strongly foliated, calcite rich...looks more mafic... 76.2-87.17 m...less foliated with some epidote fragments (more like 34-52 m)...calcite rich in part - at 82.44 m is 4 cm thick chlorite pug zone...drillers report losing water for 3 metres (could be VLF conductor) - rock mostly strongly foliated and not distinctly tuffaceous 87.17-89.3 m...tuff similar to above but under hand lens see abundant tiny gray cherty grains (like matrix of 55.47-63.27 m)...rock probably more intermediate in composition - 89-89.3 m...mostly chloritic pug and fine breccia (fault)... 89.3-91.44 m...as 55.47-63.27 m only up to 70% fragments...some finer grained zones like 87.17-89.3 m...intermediate composition - traces cupy							
			<u>Magnetic Log</u>		<u>Interval</u>	<u>K</u>				
			3.66 - 77.72		0.0 - 0.2					
			77.72 - 87.47		0.1 - 2.5					
			87.47 - 91.44		0.0 - 0.6					
			NOTE: Core lengths measured at selected intervals: 100% recovery and no discrepancies. Some short broken zones with 90% recovery.							