

DIAMOND DRILL HOLE RECORD

HOLE NO. A-13 (Interior Exploration Drilling - Ed. Shepherd). Co-ordinates of Collar N. _____ E. _____
 LOCATION Giant (Upper). 48° E of S. STARTED Aug. 2.
 DIRECTION 2° E of N. (at -70°). 114' (horiz) from A2 collar at A FINISHED Aug. 6, Friday

ASSAY NUMBER	FOOTAGE		LOG	ASSAY		
	FROM	TO		AU	Mo	Sr
	0'	28'	biot.-andesite intruded by granitic (med. grained) matter highly altered. Dark brownish andesite. Whitish granitic (may be trachyte). Moly restricted to white rock only. Finely disseminated. Might assay of MoS ₂ .			
	28'	38'	Biotitized andesite & ^{cherty} skarn breccia mixed 50-50. Some Mo. Beds 45'.	0.01	0.54%	
3965B	38'	42'	Fractured " & skarn (Moly increase). ← Assay for			
	42'	56.5'	Biot. andesite with cherty skarn. Some MoS ₂ . A few fragments of trachyte?	42' - 47' 0.42%		
3966B				47' - 52' 0.33%		
3967B						
	52'	65'	fine-grained cherty skarn with a little argillite. Mostly massive. A little MoS ₂ & some Arsenopyr. beginning at 63'. Fragmental.			
	65'	70'	fracture zone. More Arseno, Moly & pyrrh. Some serpentine & chlorite. Fragmental cherty skarn. W.	65' - 70' 0.23%		
3968B						
3969B	70'	78.5'	fragmental with trachytic or granitic frag., chert, skarn - pyrr. Arsenopyr. & Mo.	70' - 75' 0.10%		
3970B				75' - 80' 0.07%		
3971B	78.5'	86'	frag. cherty skarn - whitish; Arseno., pyrrh. + some Mo.	80' - 85' 0.09%		
	86'	91'	Half argillite & half cherty skarn. Little arseno & pyrrh.			
	91'	94.5'	Cherty skarn. As. & pyrrh (scant).			
	94.5'	108'	Half argill. & half cherty skarn. (massive)			

Remarks

Examined By W. H. P.

CASCADE MOLYBDENUM MINES LTD. (N.P.L.)

DIAMOND DRILL HOLE RECORD

(Interior Exploration Drilling
Ed. Shepherd).

HOLE NO. "A-13"

Co-ordinates of Collar

N. _____ E. _____

LOCATION Giant (Upper).

STARTED Aug. 2

DIRECTION 2° E of N (at -70°) 114' horiz. from A2 collar at 48° E of S.

FINISHED " 6 (Fri.)

ASSAY NUMBER	FOOTAGE		LOG	ASSAY	
	FROM	TO			
	108'	114'	Impure whitish grey quartzite with little argillite. Scant mineralization. Some pyrrh. & little arsenopyt.		
3978B	114'	130.5'	Impure grey-white quartzite with skarn. No sulphides alkali-rich?	Assay for Au.	125.0' - 130.5'
3977B	130.5'	147'	Biotite-rich lamprophyre? dyke. Crushed at both walls. Same rock as at 294'(A-1) & at 120'(A-2)	Assay for Au	137' - 147'
			Rich Au in A-2 was on walls of this dyke. One contact at 70° to core side. (147'). Other contact also acute to core edge (130.5'). Note that bedding is about 30° to core edge (side).	Assay for Au:	
3972B	147'	165'	light green skarn (slightly fragmental & cherty).	147' - 152'	0.03
3973B			Very little MoS ₂ . Mainly pyrrhotite. Some arsenopyt.	152' - 157'	TR
3974B				157' - 162'	0.02
3975B	165'	172'	Very cherty frag. (breccia healed by thin diopside cracks - green). Very little MoS ₂ . Some arsenopyt. & pyrrh.	162' - 167'	0.03
3976B			Last 4" dyke (mafic) serpentized.	167' - 172'	0.04
	172'	175'	Mafic dyke 3' wide with serpentized fractures. Has distinctly bluish-grey fibrous amphibole? (actinolite or armitite?) Pyrrh. & Chalcopyr.	Assay for Au	
3979B			Fine-grained.	172' - 175'	0.02

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N. _____ E. _____

LOCATION _____

STARTED _____

DIRECTION _____

FINISHED _____

ASSAY NUMBER	FOOTAGE		LOG	ASSAY	
	FROM	TO			
	175'	200'	Chert (fract.) at dyke contact, then cherty skarn breccia with varying bedding 60°-25°. Very little Mo at wall of dyke. Cherty skarn mainly pyrrhotized but Mo starts to show at 184' to 192' - then fades away to reappear in lesser amount at 195.5'	Assay for Au:	
3980B				175'-180'	0.01
3981B				180'-184'	TR
3982B				184'-189'	TR 0.35%
3983B				189'-194'	TR 0.17%
3984B				194'-199'	0.01% 0.04%
	199'	213'	Cherty skarn - no sulphides.		
	213'	214'	Volc. flow or sill?		
				Assay for Au:	
3985B	214'	220'	Cherty skarn breccia with MoS ₂ & pyrrh.	214'-220'	TR 0.28%
3986B	220'	225'	Trondyte? (alkalic) Little MoS ₂ & pyrrh. Contains 2'	220'-225'	TR 0.03%
3987B			of sheared volc. rock (229'-231').	225'-230.5'	TR 0.01%
3988B			← 3988B	230.5'-236'	TR 0.01%
3989B	236'	258'	fragmental cherty skarn. Some MoS ₂ & pyrrhotite (irregular distribution - 239'-243' poor).	236'-241'	TR 0.24%
3990B				241'-246'	TR 0.03%
3991B				246'-250'	TR 0.18%
3992B				251'-256'	TR 0.08%
3993B	258'	279'	Cherty fragmental - some skarn. Pyrrh., pyr., chalcopyr.	256'-261'	TR 0.14%
3994B			some arsenopyr. & <u>fair</u> moly in irregular amounts.	261'-266'	TR 0.14%
3995B	279'	280'	Oxidized fault zone (open cavity).	266'-271'	TR 0.08%
3996B	280'	282.5'	dark dyke (feldspar phenocrysts).	271'-276'	TR 0.19%

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ASSAY NUMBER	FOOTAGE		LOG	ASSAY		
	FROM	TO		Au & MoS ₂	TR	
3997B			Up to dyke (dark) (280').	276'	280'	0.01% 0.09%
3998B	282.5'	294'	Cherty skarn. With Moly & some pyrrhotite.	282.5'	287.5'	TR 0.13%
3999B				287.5'	294'	TR 0.16%
4000B	294'	305'	Cherty skarn - little Moly, some pyrrhotite.	294'	300'	TR
	305'	313'	Impure quartzites - much fine pyrrhotite.			
	313'	317.5'	Argillites (to dyke contact).			
	317.5'	320'	dark dyke.			
	320'	322.5'	argillites. same			
	322.5'	324'	dark dyke.			
	324'	326'	argillites. end of hole			
	326'	327.5'	dark dyke			
	327.5'	328'	argillites end of hole.			

Remarks

Examined By W.N.P.