

Vanc. office

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

DIAMOND DRILL HOLE RECORD

Driller - Shepherd.

Co-ordinates of Collar

HOLE NO. A-17

N. _____ E. _____

LOCATION (Giant) 2' from A-15 collar at 51° W of N (same plane).

STARTED Aug. 20/65

DIRECTION 51° E of S at -42°

FINISHED " 25/65

ASSAY NUMBER	FOOTAGE		LOG	ASSAY	
	FROM	TO			
11726	0	4	Quartzite Breccia - some ^{rich} Arseno	0	4
11727	4	20	Grey dike - specks of pyrrhotite	4	14
	20	56	Quartzite Moly, Pyrrhotite chalc.	20	25
				14	20
				25	30
11731	30	25	(11730) - (11728)	20	25
				30	35
11732			Note - some (11729) 11731	35	40
11733			Secondary Thorium near surface	40	45
11734				45	50
11735				50	56
11736				56	61
11737	56	61	Grey dyke (foliated Buff colored) Arseno	61	66
11738	61	83	Quartzite (some Moly & Pyrrhotite)	66	71
11739				71	76
11740				76	81
11741	83	84	sheared zone in Grey dike	81	83
11742				83	89
11743	84	87	Grey dike - oxidized (84-87) - Highly Biotized	89	92
11744				92	97
11745	87	108	Grey dike as above contain a lot of Biotite not oxidized	97	102
11746	108	113	Quartzite (Brecciated containing pieces of - dyke rock, Arseno)	108	113
11747	113	117	Grey dike (Buff colored, fine grained) faulted 115-117	113	115
11748				115	117
11749	117	137	Quartzite biotite, green-white blk.	117	122
11750			122-127 - Qtzite + a 3" Grey dyke at 125'	122	127
11751	127	132	127-132 - Quartzite Breccia	127	132

Remarks

Examined By _____

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HOLE NO. 17

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ASSAY NUMBER	FOOTAGE		LOG	ASSAY	
	FROM	TO			
11752	132	137	Quartzite Breccia + Inclusions of Pulaskite	132	137
11753	137	142	Mainly Pulaskite - Brecciated / ^{Poly} Arsenopyrite	137	142
11754	142	147	Pulaskite	142	147
11755	147	152	Pulaskite - ^{Moly} Arseno ^{Synthetic}	147	152
11756	152	157	Pulaskite	152	157
11757	157	161	Pulaskite - ^{NOTE} Contact at 161' shale	157	162
11758	161	167	Mainly Quartzite Breccia - some pulaskite	162	167
11759	167	172	Quartzite Breccia with Pulaskite	167	172
11760	172	175	Quartzite Breccia - ^{mostly} contact 175' ±	172	177
11761	175	182	Pulaskite + some Quartzite	177	182
11762	182	187	Pulaskite - Breccia Arseno	182	187
11763			Pryyho	187	192
11764			Arseno	192	197
11765				197	202
11766			Pulaskite - Altered	202	207
11767			Brecciated zone	207	212
11768			Breccia (Quartzite, Pulaskite some Argillite)	212	217
11769			Mainly Brecciated Quartzite	217	222
11770	222	227	Breccia contact with Argillite at 227	222	227
11771	227	232	Argillite	227	232

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ASSAY NUMBER	FOOTAGE		LOG	ASSAY	
	FROM	TO			
1772	232	237	Quartzite + Argillite band 233'-234'	232	237
1773	237	242	Quartzite - Brecciated Pyrrhotite Arseno	237	242
1774	242	247	Quartzite - Brecciated + some Argillite	242	247
1775	247	252	Quartzite - Brecciated - Arseno ^{Highly Pyrr Moly}	247	252
1776	252	257	Quartzite Breccia	252	257
1777	257	262	" " Veinlet of pyrrhotite	257	262
1778	262	267	Quartzite highly brecciated - few sulphide seen	262	267
1779	267	272	Brecciated Pulaskite - Pulaskite starts at 268 (Moly. Arseno)	267	272
1780	272	274	Pulaskite	272	274
1781	274	275	Fine grained dark dike (Andesite?)	274	278
1782	275	278	Grey dike - (Dark Green - elongated) (Perphyritic) - elongated		
1783	278	282	Quartzite Brecciated	278	282
1784	282	283	Dyke (Perphyritic, Dark green - elongated)		
1785	283	287	Brecciated Quartzite	282	287
1786	287	303	Grey Dike (Biotite dike) ^{Becomes} elongated → 303	287	292
1785	303	308	Brecciated Quartzite + dike	292	297
1785	308	313	Grey dike (elongated - dark green, Perphyritic)	297	302
1785	313	320	Quartzite + some Argillite	302	307
1785	320	329	Pulaskite some moly	307	312
1785	329	334	Brecciated Pulaskite	312	317

Remarks

~~1784 - 282 - 287 Breccia~~
~~1785 - 297 - 301 Biotite Dike~~
~~1786 - 297 - 302 Biotite Dike~~

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ASSAY NUMBER	FOOTAGE		LOG	ASSAY	
	FROM	TO			
	329	339	Polaskite? with intersection of Grey dike	334	339
	339	340.5	Polaskite or quartzite breccia	339	340.5
	340	352	Grey dike (^{Biotite} Boff colored- White spotted)		
	352	371	Quartzite - globs of pyrrhotite some argillite streaks	252	257
				257	263
				263	268
				268	271
	371	390	Argillite Quartzites + Argillite		

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ASSAY NUMBER	FOOTAGE		LOG	ASSAY		
	FROM	TO				
11787	302	307½	Scarn Breccia, Arsenopyrite main S_2^{ids} Altered at borders			
11788	307½	313	Green to Buff dike (Andesite?) elongated green phenocrysts in spiral helical pattern about core <div style="border-left: 1px solid black; padding-left: 10px; margin-left: 20px;"> Chales Arseno Scattered large biotite X-stals Green alteration of calcite Amydine - Volcanic flow of some kind </div>			
11789	313	318	<u>Dark Qtzites</u> - Arsenopyrite Pyrrhotite			
11790	318	324	<u>Dark Qtzites</u> - Argillites Sulphides - Pyrrhotite silicified Arsenopyrite			
11791	324	329	Pulaskite - Pyrr, Arseno, Moly			
11792	329	334	Pulaskite Scarn Breccia - Moly The breccia is intruded by dikes or maybe broken dike material?			

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	FROM	TO				
11793	334	337	Scarn Breccia - Molybdenum spots quite plain			
11792	337	342	Fine grained andesite dike 337-339 339-340 Brecciated zone 340-342 Biotite dike			
11795	342	347	Biotite dike (cont) - some alteration along fractures - mainly Biotite some feldspar and hornblende			
11796	347	352	Biotite dike → grading into a green brecciated zone (350-352) little apparent mineralization.			
11797	352	357	Breccia - fine moly - (Cherty Dike Breccia)			
11798	357	362	Cherty Breccia - with moly			
11799	362	370 367	Cherty Breccia - some moly			
11800	367	370	Cherty scarn breccia with finger or fragments of biotite dike - Argillites beginning at 370'			

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ASSAY NUMBER	FOOTAGE		LOG	ASSAY	
	FROM	TO			
14101	370	375	Argillite - pyrrhotite veins etc. some arsenopyrite - host rock somewhat brecciated		
14102	375	380	Silicified Argillite - rich in pyrrhotite - some serperentine - the rock appear brecciated in places		
14103	380	385	Silicified Argillite - Pyrrhotite and some arsenopyrite & chalcopyrite?		
14104	385	390	Black Argillite with disseminated pyrrhotite - some silicification ↓ 390 - End of hole ↓ Bedding ≈ 70° to core axis		

Remarks _____

Examined By _____