

DIAMOND DRILL RECORD

77828

PROPERTY PEERLESS, MONTANA MTN. 109 DRIFT EAST HOLE NO. 1SHEET NUMBER 1SECTION FROM A 500 ON REF. LINE "A"STARTED 9th MAY 1968LATITUDE ~~10903 N~~ 10903.12DATUM 500COMPLETED 11th MAY 1968DEPARTURE ~~9009 E~~ 9010.65BEARING ~~338° 30'~~ N 21° 18' WULTIMATE DEPTH 140'ELEVATION ~~524~~ 525.05
NOT SURVEYEDDIP 0° FLATPROPOSED DEPTH 125'
RECOVERY OF CORE 97-98%

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
0 - 2	WHITE QTZ-RKH GRANITE, MINOR CHLORITE MIN: NIL - 1% : PY, ASP, CPY?								
2	DARK QTZ STRINGER 1/4" AT 45°. MIN 10% 3/4 CPY, 1/4 BORNITE + PY + ASP + SPHAL	3502	1'9"	2'1"	3"	<u>AV</u> <u>CI</u>	<u>AG</u> <u>1.13</u>		
2 - 4'6"	QTZ-RKH WHITE GRANITE + HAIRLINE CHLOR-FIRED FRACTURES AT 40° SECONDARY SILICA MIN 7 1% DISSEM PY + ASP.								
4'6"	1/8" DARK QTZ STRINGER 50% PY								
4'6" - 5'3"	COUNTRY ROCK GRANITE AS ABOVE								
5'3"	1/2" WHITE QUARTZ . 5% PY								
5'3" - 9'0"	QTZ-RICH SILICIFIED & CHLORITISED GRANITE 1% DISSEM PY & RARE ASP, CPY								
9'0" - 12'2"	QTZ-RICH SILICIF. & CHLOR. GRANITE NIL - 1% DISSEM PY & ASP (MINOR)								

DRILLED BY NO SLUDGE SAMPLES FROM HOLE #1

SIGNED

S.M.

001113

DIAMOND DRILL RECORD

PROPERTY PEERLESS, 109 DRIFT EASTHOLE NO. 1SHEET NUMBER 2SECTION FROM A500 ~~NON~~ REF LINE "A" STARTED

LATITUDE

DATUM

COMPLETED

DEPARTURE

BEARING 340° APPROXULTIMATE DEPTH 140'

ELEVATION

DIP 0°PROPOSED DEPTH 7

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
12'2" - 12'10"	QTZ - RICH SILIC & CHLOR GRANITE 3% DISSEM PY IN QTZ-STRINGERS. SOME ASP	3503	12'2"	12'10"	8"	<u>AV</u> .005	<u>FE</u> 0.22		
12'10" - 15'0"	COUNTRY ROCK GRANITE AS ABOVE NIL - TR. DISSEM PY								
15'0" - 15'8"	DARK, FINE-MED. GRAINED "FELSITIC" MATERIAL MIN: TR.	3504	15'0"	15'8"	8"	.005	.22		
15'8" - 17'0"	QTZ - RICH, SILIC & CHLOR, GRANITE. NIL MIN								
17'0" - 22'2"	" " " " TRACE OF DISSEM PY & ASP								
22'2" - 23'3"	QTZ-RICH SILICIFIED & CHLORITISED GRANITE WITH QTZ STRINGERS CONTAINING PY & ASP. ALSO DISSEM PY & ASP. TOTAL MIN = 3%	3505	22'2"	23'3"	13"	TR	.26		
23'3" - 24'2"	GRANITE AS ABOVE. TRACE OF DISSEM PY & ASP								
24'2" - 25'4"	DISSEM PY, ASP + QTZ STRINGER WITH PY, ASP IN GRANITE AS ABOVE.	3506	24'2"	25'4"	14"	TR	.24		

DRILLED BY

CARON

SIGNED

John McMillin

DIAMOND DRILL RECORD

PROPERTY PEERLESS 109 DR. E.HOLE NO. 1SHEET NUMBER 3SECTION FROM A500

STARTED _____

LATITUDE _____

DATUM (ARCTIC)

COMPLETED _____

DEPARTURE _____

BEARING 340° APPROXULTIMATE DEPTH 140'

ELEVATION _____

DIP 0°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
25'4" - 26'7"	SILICEOUS, CHLORITISED GREENISH WHITE GRANITE - HAIRLINES OF CHLORITE ± 1% ASP.								
26'7"	½" QTZ STRINGER, GRADATIONAL WITH GRANITE. 45° 20% PY								
26'7" - 28'	GREEN-GRAY SILICIFIED GRANITE WITH CHLOR. ALTERAT ⁿ ± 1% DISSEM PY, ASP.								
28'0" - 28'4"	DARK GRAY QUARTZ VEINLET ASSOC ^d WITH CHLOR. ALTERATION. ¾" WIDE. 20-45° 5-10% FINE PY & ASP	3507	27'11"	28'5"	4"	.005	0.14		
28'4" - 30'2"	GRANITE AS BEFORE WITH OCCASIONAL HAIRLINES of WHITE QTZ. & PY WITH CHLOR. AT 40° MIN ± 1%								
30'2" - 31'7"	2-3% PY & SUBSID ASP & V. MINOR CPY DISSEM IN DARKER THAN USUAL GRANITE	3508	30'2"	31'7"	17"	TR	2.28		
31'7" - 32'2"	± 1% PY, ASP DISSEM IN GRANITE.								

DRILLED BY

CARON.

SIGNED

John H. Mullin.

DIAMOND DRILL RECORD

PROPERTY PEERLESS 109 DR. E.

HOLE NO. 1

SHEET NUMBER 4

SECTION FROM A 500 ~~EA~~

STARTED

LATITUDE

DATUM

COMPLETED

DEPARTURE

BEARING 340° APPROX

ULTIMATE DEPTH 140'

ELEVATION

DIP 0°

PROPOSED DEPTH

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
32'2"-33'6"	2% FINE GRAINED DISSEM & SMALL BLEBS OF PY (A SUBSID ASP) IN GRANITE C.R. MORE HEAVILY SILICIFIED THAN USUAL								
33'6"-34'8"	DISSEM. CRYSTS & STRINGERS OF PY, ASP IN GRANITE WITH WHITE-COLOURLESS DRUSY QTZ STRINGERS WITH V. FINE ARGENTITE? FREIBERGITE? 5-10% TOTAL MIN. CROSSES CORE AT 15'	3509	33'6"	34'8"	8" 1.3"	.04	1.22		
34'8"-37'8"	SILICEOUS GRANITE. VARIABLE CHLOR. MIN: 1/3								
37'8"-38'8"	HIGHLY SILICEOUS DARK GREY ZONE - NO SHARP CONTACT. 30-40% PY, ASP, ARGENTITE? & MINOR CPY.	3510	37'8"	38'8"	12"	.005	3.04		
38'8"-49'5"	VARIABLY SILICIFIED & CHLORITISED GRANITE. OCC 1/4" QTZ STRINGERS WITH 25% PY AT 40-45'								
49'5"-50'3"	1 1/2" 15" GREY-WHITE QTZ VEIN WITH 30% ASP, ARGENTITE? DISSEM ASP IN C.R. TOTAL MIN = 10%	3511	49'5"	50'3"	6"	.01	.97		

DRILLED BY

CARON.

SIGNED

John McMillan

Note: No. 1 vein appears to be loose material. The bedrock is highly mineralized & at risk, per.

DIAMOND DRILL RECORD

PROPERTY PEERLESS109 DR. E.HOLE NO. 1SHEET NUMBER 5.SECTION FROM A 500

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING 340°ULTIMATE DEPTH 140

ELEVATION _____

DIP 0°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES
50'3" - 52'3"	BLEBS OF PY IN WELL SILICIFIED, V. LIGHTY CHLORIT.° GRANITE. 2% MIN. PY + SUBSID ASP.					<i>This highly altered should be split.!</i>
52'3" - 72'	VARIABLY SILIC. & CHLOR. GRANITE. SEVERAL WHITE QUARTZ STRINGERS AT 45°-85°. NEGLIGIBLE MIN.					
72 - 78	GRANITE - CHLORIT.° BUT LESS SILICIFIED - FRESHER & TRUER GRANITE - INTRODUCT. OF PINK FELSPAR + BLACK BIOTITE GIVES DISTINCTIVE APPEARANCE					<i>Fresh granite.</i>
78 - 83	WHITE SILICEOUS GRANITE AS PREVIOUSLY - LITTLE CHLORITISATION. 1/2" WHITE QTZ STRINGERS AT 79' & 82' at 40-50° & 1% PY & SUBSID ASP MAINLY IN QTZ.					
83 - 86	1/2" & 3/4" QTZ STRINGERS AT 84'3" & 85' AT 45°. NEGLIG. MIN.					<i>Grain more altered more py.</i>
86' - 87'6"	DISSEM ASP. SUBSID PY. EQ° IN SEMIDRUSE	3501	87'6"	97'0"		
	SEMIDRUSE 1/4" - 1" QTZ STRINGERS AT 88' 88'5"					
	88'9" - 90'6" AT 50°-90° CONTAIN 22.5% MIN - MAINLY ASP					
	TOTAL MIN. 1%					

DRILLED BY

CARON

SIGNED

John McMillin.

DIAMOND DRILL RECORD

PROPERTY PEERLESS 109 DR. EAST.HOLE NO. 1SHEET NUMBER 6SECTION FROM A500 ~~20~~

STARTED _____

LATITUDE _____

DATUM _____

COMPLETED _____

DEPARTURE _____

BEARING 340ULTIMATE DEPTH 140

ELEVATION _____

DIP 0°

PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES
86' - 87'6"	QTZ STRINGERS IN WHITE SILICEOUS GRANITE - SOME QTZ CHERTY. AT 45° 86'9" - 87'6" NEARLY MASSIVE SULPHIDES V. DARK GREY. V.FINE. 1/3 PY, 2/3 ASP + ARGENTITE 40% TOTAL MIN.	3501	86'0"	87'6"	13"	0.20 AU - CR Antimony 0.10 AG - TR Bismuth
						Good looking vein. More splitting required 86.5' - 88'
87'6" - 97'0"	DISEM ASP, SUBSID. PY ESP IN SEMIDRUSY SEMICHERTY 1/4" - 1" QTZ STRINGERS AT 88', 88'5", 89'-9" ~ 90'6" AT 50°-90° CONTAIN ≥ 25% MIN - MAINLY ASP. TOTAL MIN = 1%					
97'0" - 103'0"	MOD CHLOR, SILICEOUS GREEN-WHITE GRANITE					
103 - 106	FRESH PINK-FELSPAR-BEARING + MICA-BEARING GRANITE					
106 - 114	MOD CHLOR + SILIC. GREEN GREY GRANITE - A FEW DIFFUSE QTZ. STRINGERS					
114 - 115'6"	LIGHTLY CHLOR. MOD SILICEOUS YELLOWISH GRANITE					
115'6"	1/2" 40° QTZ STRINGER, 25% PY BLEBS					

DRILLED BY

CARON.

SIGNED

John McMillin.

DIAMOND DRILL RECORD

PROPERTY PEERLESS 109 DR. E. HOLE NO. 1

SHEET NUMBER 7 SECTION FROM A500 ~~75~~ STARTED _____
 LATITUDE _____ DATUM _____ COMPLETED _____
 DEPARTURE _____ BEARING 340° ULTIMATE DEPTH 140
 ELEVATION _____ DIP 0° PROPOSED DEPTH _____

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAY VALUES			
115'6" - 120	LIGHT CHLOR & SILIC PALE GREEN GREY GRANITE								
120 - 124'8"	" " " " " " OCC. PY-BEARING QTZ STRINGERS & 1% PY TOTAL.								
124'8" - 125'	GREY-WHITE QTZ CONTAINING BLEBS OF PY 3512 & BLACK SPHAL AT 50° . 15% MIN. 3/3 PY, 1/3 SPHAL.	124'8"	125'	3"	.005	0.64			
125 - 130	MOD CHLOR ; MOD-WELL SILIC. PALE GREEN GREY GRANITE . SMALL BLEBS OF PY -TR .								
130 - 135	FRESH PINK-FELS-BEARING GRANITE LOW CHLOR , MOD SILIC.								
135 - 140	WELL SILICIFIED, LIGHTLY CHLORITISED YELLOWISH GRANITE & 1% PY. AT 137' , 3" WHITE QUARTZ VEIN WITH 30% PY.								
<u>END.</u>									

DRILLED BY

CARON .

SIGNED

John M. McMillan