

DIAMOND DRILL CORE LOG

HOLE 80M1 PAGE 1 OF 6

PROJECT Grass CLAIM GROUP Marmot CORE SIZE BQ
STARTED Aug 19/80 FINISHED Aug 24/80 TOTAL DEPTH 569'
LOCATION 3+58E 7+02N COLLAR ELEVATION 5115'
ANGLE -75° AZIMUTH 335° LOGGED BY L. Lindinger

ASSAYS AND ANALYSES

FOOTAGE	DESCRIPTION	ASSAYS AND ANALYSES		
10				
20	overburden large blocks of talus			
30				
40				
50				
60				
70				
	Bedrock			

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FOOTAGE	DESCRIPTION	ASSAYS	AND	ANALYSES
70°	Pbmcs - BIOTITE-MUSCOVITE-CHLORITE SCHIST Dark grey massive fine grained finely foliated and laminated. Randomly spaced aligned medium size lenses and stringers of biotite and feldspar common.			
Kpg				
90	bleached zone			
	quartz pegmatite vein			
60°				
10°				
100	bleached zone with pegmatite vein			
20	pale green chlorite, epidote zone			
110	broken ground			
	bleached zone with segregated amphibole and chlorite lime filled joint			
120	broken ground			
130	60°			
140	30° pyrrhotite veins with bleached zone			
10°				
150	quartz vein with siliceous segregation fluorite fracture filling			
160	biotite quartz segregations with minor pale pyroxene Kpg- PEGMATITE dyke Mottled fabric of mafic felsic segregations			
170	siliceous pegmatite sill coarse grained with minor tourmaline and muscovite grains			
	Kqm- LEUCOCRATIC QUARTZ MONZONITE			

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FOOTAGE	DESCRIPTION	ASSAYS AND ANALYSES		
		Mo	W	Sn
	++ Kqm cont'd	ppm	ppm	ppm
	++ Kpg dyke	1	3	8
	40°			
190	40° 70°			
	Kpg vein			
200	Kap- APLITE DYKE Contains amphibole segregations			
	Fault gouge - mafic filling with siliceous host rock			
	pegmatite vein			
210				
220	++ Kqm	2	1	1
	++ Pbmcs - siliceous			
	Kpg			
230				
	25° Kpg darker			
240	quartz vein			
	mottled apatite? rich section			
250	70°			
260	++ Kpg			
	Pbmcs			
270	5 cm of pyrrhotite stringers			
	pyrrhotite lense			
	calcite filled fault with gouged frags of host rock			
	Kpg sill			
	Pbcs - siliceous			

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ASSAYS AND ANALYSES

FOOTAGE	DESCRIPTION	ASSAYS AND ANALYSES
	Pbcs siliceous cont'd	
	small pegmatite veins	
290	quartz vein	
	Kpg	
300	Pbcs Kpg chlorite banding	
	mottled and segregated quartz amphibole and tourmaline	
310	bleached muscovite rich zone - minor sulphides	
	mottled biotite rich fabric	
320	quartz tourmaline vein Kap vein	
330	Kpg sill	
340	Kpg quartz porphyry sill	
	Psk- PALE GREEN, PYROXENE, VESUVIANITE, CALC-SILICATE SKARN	
350	Pale banded calc-silicates scheelite mineralization	
	Pcss- BANDED CHLORITE BIOTITE CALC-SILICATE SKARN	
360	Psk	
	Kpg - with minor porphyritic quartz	
	Pbmcs - mottled and biotite rich	
370	Kpg	
	Kpg	
	Pbmcs	
	quartz porphyry vein	

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FOOTAGE	DESCRIPTION	ASSAYS	AND	ANALYSES
388	xx quartz porphyry			
389	++ Kpg			
390	Pbmcs			
391	Kpg			
392	Kap			
393				
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398				
399				
400	Kqm - Kgp			
401				
402	many fractures are calcite lined			
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419				
420	altered Pcsc - silicified by intrusive			
421	Pbcs - Pcsc interbanded			
422				
423	Pcsc			
424				
425				
426				
427				
428				
429				
430	quartz, calcite, chlorite, pyroxene hematite in shear zone 45° to C.A.			
431				
432				
433				
434				
435				
436				
437				
438				
439				
440	xxx Kpg			
441				
442	Psk - grey and green band skarn			
443	Kpg			
444	Pbmcs - Pcsc			
445				
446				
447				
448				
449				
450	Pbmcs			
451				
452				
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458				
459				
460	Kqm- <u>LEUCOCRATIC MEDIUM GREY, MEDIUM TO COARSE GRAINED EQUIGRANULAR QUARTZ MONZONITE</u>			
461				
462				
463				
464				
465				
466				
467				
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469				
470	common chlorite, talc, alteration along joints			
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FOOTAGE	DESCRIPTION	ASSAYS	AND	ANALYSES
	Kqm cont'd			
490	20			
	fine grained porphyritic to aplitic- very felsic			
500	coarse grained porphyritic			
510	40° 30°/90° to 40° joints			
	fabric often oriented 55° to core axis			
520				
	▲ aplite with minor porphyry, chlorite veins, traces of ▲ muscovite common			
530				
	grades to medium grained porphyry			
540	5° talc, epidote chlorite filled fault			
550				
	calcite talcy slickensided faults and joints with trace pyrite			
560				
570	END OF HOLE			