DRILL LOG HOLE N1

Depth	Location	Dip	Azimuth
200'	12+00N 7+00E	-50	230°

All readings to core axis:
OF= Open Fracture
CF= Closed Fracture
xdip= dip opposite to bedding or foliation

FROM	TO	DESCRIPTION	STRUCTURE
Collar	17	OVERBURDEN	
17	64	GARNET DIOPSIDE SKARN Garnet porphyroblasts 1-10 mm anhedral-80%, diopside 10%, quartz 10%; diopside and quartz occur interstitially between garnets; banding poorly developed, at 80° to core. (54-58.5) banding developed better. (60.5-64.5) FeMn stain on fractures.	19.5' OF 40°; 20.0' OF 30°; 26' OF 30°; 27' OF 15°; 26.5' OF 30°; 28.5' OF 80°; 29; OF 45°; also 50° calcite, 30.5-34' qtz., CF 0°-15°, 31.5' OF 30° Fe stain, 33' banding 70°; 35' OF 0°-15° calcite; 35.5'-36.5' OF 0°-15°; 37-38' OF 15°; 38.5'-40' OF 15°; 43.3' OF 30°; 44.5' OF 25° broken ground; 45.5' OF 25° broken ground; 46.5' OF 30°; 48' OF 30°; 49' OF 30°; 49.5' OF 0°; 52' OF 30; 52-54' broken ground' about 5 fractures/ft 15°-40°; 54 clay fault gouge; 55 calcite in CF 40°; 56' calcite CF 40°; 56.5-57' fault gouge (limy clay) 60' OF 30°; 62' OF 40° and 25°, Fe, Mn stain, 64' conjugate fracture 30°, 25° .
64	77	WHITE TO LIGHT GREY GARNET CALC-SILICATE MARBLE White to pink and grey; garnet porphyroblasts and calc-silicates form weak banding at 70°; contains about 20% garnet and 20% grey calc-silicates; hard effervescent (67-68) grey thinly laminated limestone.	64-64.5' fault gouge; 66 OF 0°; 67' OF calcite 15°; 71.5' OF 15°; 74 CF calcite 40° xdip; 75-76 vert. OF

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FROM	TO	DESCRIPTION	STRUCTURE
77	138.5	GREY THINLY LAMINATED LIMESTONE Laminations 80° strongly effervescent.	78-79' OF 0° calcite; 79' OF 30° calcite; 81' OF 30°; 83' OF 40°; 86' OF 40° calcite slickensides down dip; 87' CF calcite; 89' OF 40°; 90' CF calcite 40°; 91' OF 40°; 92' OF 30°; 94.5' OF 45°; 97.5 OF 40°; 98.5' OF 40°; 99.5' OF 40°, banding 80°; 100.5' OF 40° xdip; 103' OF 40°; 104' OF 40°; 107' OF 40° conjugate 30°; 109' OF 30°; 110' OF 50°; 111' OF 45°; 113' OF 30°; 114.5 OF 40°; 115.5' OF 50°; 116.5' qtz. vein 1 1/2"; 118.5-120' OF 0-15° Fe stain movement parallel core axis; 121.5' OF 5°; 123' OF 0°-15°; 124.5' OF 40°; 129.5' OF 45° fault gouge; 130' OF 40°; 131' OF 30°, Fe stain; 132' OF 40° and 15°; Fe stain; 134-135' OF 0°; 136' OF 50°, 15°; 135.5' OF calcite 25°.
138.5	141.5	WHITE BANDED GARNET MARBLE Garnet 15%; Calc-silicates 15% and marble 70%.	139' OF 40°; 140' OF 30°; 140-141' calcite in CF 0°.
141.5	144	CINNAMON BROWN GARNET-DIOPSIDE SKARN	142.5-143.5' OF 0°-15°; 144' OF 40°.
144	150	BANDED GARNET DIOP, BIOTITE HORNFELS Garnet 20%; banding at 80°.	147' calcite CF 0°; 148' calcite CF 50°; 149'-150' calcite 0°.
150	156	GREY THINLY LAMINATED LIMESTONE	151' OF 30°; 151.5'OF 40°; 154' OF 45° calcite.
156	163	GARNET ACTINOLITE SKARN Garnet 60%, actinolite 30%, banding 80°, and calc-silicates 10%.	banding 80°
163	170	WHITE BANDED CALC-SILICATE MARBLE	banding 80°; 169.5' OF 30°.

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FROM	TO	DESCRIPTION	STRUCTURE
170	174.5	GREY BANDED BIOTITE HORNFELS Banding 80°.	170.5' OF 30°.
174.5	179	WHITE BANDED CALC-SILICATE MARBLE	banding 80°, 175' OF 30°; 177' OF 20°.
179	189	GREY BANDED BIOTITE HORNFELS 50% biotite porphyroblasts	180' OF calcite 50°; 182' foliation 80°; 183' OF 30° calcite; 185' OF 50°.
189	200	GREY BIOTITE SCHIST	fractures parallel to foliation 80° foliation, 195.5'-196.5' fault gouge; 197.5-198.5' fault gouge.

----END OF HOLE----