

## THE GRANBY MINING CO. LTD.

## CORE DRILL LOG

PROPERTY Empire Metals OptionCLAIM Jean 3LATITUDE 3 + 80 NBEARING East (S86°E)Hole No. 1DEPARTURE 1 + 50 WSLOPE - 45°PAGE 1/1ELEVATION 2,975 ±LENGTH 205 1/2DATE STOPPED June 17, 1974

GEOLOGY		SAMPLES				RECOVERY	
FROM	TO	DESCRIPTION	FROM TO	TAG NO.	Ag. <sup>Ag. perc.</sup>	FROM TO	SHORT
0	6	Casing					
6	115 1/2	Grey to white, massive limestone; white and orange-weathering sections; few dk. grey to grey (brown-green) shaly inclusions, maximum width 1/2'; small py crystals					
		74-76: leached, porous, core loss; fracturing about 30° off core axis.				74-76	1
115 1/2	116 1/2	Shale band, with up to 3mm grains sphalerite, fine py crystals, small grains galena; shale a pale green-brown colour;	115 1/2-116 1/2	33479	.05 / 2.34	Tr	
116 1/2	121 1/2	Mineralized zone with fair amount of barite, irregular sphalerite, usually in small grains; little galena					
121 1/2	129 1/2	Nearly continuous barite gangue; coarse sphalerite grains; galena relatively poor.	121 1/2-129 1/2	33480	1.08 / 7.00	.04	
129 1/2	136 1/4	Best section of coarse grained sphalerite, less (but improved) galena, in barite gangue,	129 1/2-136 1/4	33481	7.35 / 8.11	.52	
		and admixture of green-brown shale limestone	136 1/4-139	33482	.25 / .02	.06	
136 1/4	139	Massive barite with only minor sphalerite, galena.					
139	145	As (12 1/2' to 14 1/2') but reduced amount of sphalerite, barite, small amount galena. S/gn mineralization extends into shale 1 1/2' past contact at 143 1/2'.	139-145	33483	.70 / 5.16	.18	
143 1/2	205 1/2	Grey shale - aphanitic, with fine banding 65°-90° off core axis. Locally, bands are heavily pyritized.					
		Traces of py, gn on fractures partings to 147'.					
		Partings locally at variance with colour banding - bedding.					

LOGGED BY W. Wilkinson

End of Hole

HOLE NO. 1