

THE GRANBY MINING CO. LTD.

CORE DRILL LOG

1472-1602 1.15% Pb
6.37% Zn
DD-4

091090

PROPERTY Empire Metals Option

CLAIM Jean 2

LATITUDE 6400 S

BEARING East (S86 E)

Hole No. 5

DEPARTURE 1 + 50 W

SLOPE -45°

PAGE 1/2

ELEVATION 2,930 ±

LENGTH 169'

DATE STOPPED June 28, 1977

GEOLOGY		SAMPLES						RECOVERY	
FROM	TO	DESCRIPTION	FROM TO	TAG NO.	Pb %	Zn %	Avg.	FROM TO	SHORT
0 - 9		Casing						10-12	1
9 - 146		Massive grey to white limestone - as in 2, 3, 4. White & orange-weathering sections. Middle-brown patches & streaks of shale at random intervals						12-14	1/2
								14-15	1/2
								37-39	1/2
								39-42 1/2	2
146 - 160 1/2		Mineralized zone - shale, barite, sphalerite, galena						42 1/2 - 48	3
		146-147 1/2 - aphanitic, middle-brown shale with quartz clasts. Coarse to fine grains of sphalerite, galena, disseminated. Fine disseminated pyrite. Little barite (at bottom)	146-147 1/2	33453	.14	.56	.07	48-52	1/2
								52-55 1/2	1/2
								55 1/2 - 59	1/2
		147 1/2 - 151 - fairly pure barite, with low-grade sphalerite, not much galena. Sl. in coarse grains, to 1 cm. plus	147 1/2 - 151	33454	.57	.38	Tr		
								102-104	1/2
		151-156 - good coarse-grained sphalerite (not much galena) in barite gangue. Few shaley patches, with fine-grained pyrite & galena.	151-156	33455	.10	.12	.06	104-106	1
								108-111	1/2
								142-146	1
								156-160	1/2
		156-157 1/2 - coarse grained sphalerite and galena in barite gangue	156-157 1/2	33456	.810	.910	.06	160-163	2
		157 1/2 - 160 1/2 - barite, becoming increasingly contaminated with talcose phyllitic wall rock	157 1/2 - 160 1/2	33457	.33	2.00	.06		

LOGGED BY J. Wilkerson

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GEOLOGY

SAMPLES

RECOVERY

FROM TO

DESCRIPTION

FROM TO

TAG NO.

% CU

AVG.

FROM TO

SHORT

160 1/2 - 169 Shale: ^{to 1cm. thick} middle grey, with fine light-dark laminations (wavy & irregular; from 60°-90° off core axis). Some fine crystalline pyrite. ~~to 1cm. thick~~

End of Hole

LOGGED BY N. J. Wilkinson

HOLE NO. 5