

## CORE DRILL LOG

PROPERTY *Empire Metals Option*CLAIM *Jean 3*LATITUDE *1+00N*BEARING *East (S86E)*Hole No. *2*DEPARTURE *2+03W*SLOPE *-45°*PAGE *1/2*ELEVATION *2,930 ±*LENGTH *171'*DATE STOPPED *June 20, 1977*

GEOLOGY		SAMPLES				RECOVERY		
FROM	TO	DESCRIPTION	FROM TO	TAG NO.	<del>GRAVITY</del> Pb/Zn	Ag.	FROM TO	SHORT
0-7		Casing						
7-111		Massive grey to white limestone - white and orange-weathering sections (may be inclusions of shale, weathered & discolored by ox'd. pyrite). Brownish green-grey shaly inclusions.					36-39	2'
		69½-78½ - Altered zone - porous, with hard lamellae irregular, but overall ~45° off core axis (vertical); sig. high foramt. of cavities; no sulphides seen.					42½-43½	½'
111-154		Mineralized zone: greenish grey-brown shale, limestone, barite with sphalerite grains; galena occurs locally as massive blebs related to fractures.						
		111-117: fairly good fine to coarse-grained sphalerite, little galena, in shale, limestone, barite	111-117	33484	.17/ 9.31	.30		
		117-125: relatively weak sulphides, impure barite	117-125	33485	.65/ 4.92	.16		
		125-131: mostly barite gangue (little shale); little gn; good sl in shaly sections	125-131	33486	.58/ 5.22	.08		
		131-137: massive lead-zinc in shaly sections; massive barite	131-137	33487	.570/ 4.14	.18		
		137-147: massive barite, lower grade sl, gn in massive blebs	137-147	33488	2.28/ 3.00	.20		

LOGGED BY *M. Wilkinson*HOLE NO. *2*

