

BARREL SHEET SUMMARY:

SULFIDE BANDED SEDIMENT (0 to 53 cm)
variably, highly silicified and chloritized.

cm	Piece number	Graphic representation	Orientation	Drilling Disturb.	Structures	Samples
0	1					
10	2					
20	3					
30	4					
40	5				≡	
50	6					
60	7					
70	8				≡	
80	9			X		
90	10					
100	11					

Pieces 1-2: ^{moderately indurated} mottled/variegated grey (N4) and greenish gray 5GY 5/1 and white, coarsely crystalline (2-5 mm diameter) intergrowth of fibrous to bladed anhydrite with greenish grey chlorite (?) or Mg-smectite, and lesser v.f.gr. (0.2 mm) pyrrhotite, pyrite, and possible sphalerite. Overall texture appears waxy with reticulate, platy anhydrite lining the vugs (2-30 mm). 10% sulfides, 30% chlorite, 60% anhydrite. Sulfides < 0.1 to 2 mm grain size.

Piece #3: Banded/veined (sulfide) & replaced sediment. Consists of 25 to 30% sulfides (50% pyrrhotite, with 50% chalcopyrite/15% mixture) as irregular banded, sub-parallel veins and blebs with mottled dark grey (N4) variegated to 5Y 7/1 light grey matrix of completely altered (clay and chlorite) sediment, and replaced.

Pieces #4 to 11 inclusive: light to dark grey, mottled (N6 to N4). Strongly silicified parallel to cross laminated siltstone. Darker grey zones are more silicified than lighter grey zones. Contains 3 to 7% v.f.gr. (0.1 mm) sulfides (comprised of pyrrhotite (50%), chalcopyrite (50%), and possible trace to 3% v.f.gr. dark black sphalerite) which occur as diffuse zones of f.gr. concentrations which are preferentially within the darker grey areas (sulfide replacements of silty beds/laminae). well indurated

Pieces #7, 10 have 2-3% K.O.1 muds 2mm vugs. (~~leached~~ leached sulfide cavities?) now lined by v.f.gr. anhydrite.

Piece #9: has several rounded < 2mm diameter pebble bits of completely unaltered mudstone rubble.