

SULFIDE VISUAL CORE DESCRIPTION WORKSHEET

169-1035F 12R-2

Observer: GZ/PET/TEA
ARTWORK, MUSIC, LYRICS.

SITE/HOLE/CORE/SECTION

BARREL SHEET SUMMARY:
SULFIDE-VEINED SEDIMENT (10-50%)

cm	Piece number	Graphic representation	Orientation	Drilling Disturb.	Structures	Samples
0						
1	1		1			
10	2		1			
20	3		1			
30	4		1	XXX		
40	5		1			
50	6		1			
60	7		1			
70	8		1			
80	9		1			
90	10		1			
100	11		1			
110	12		1			
120	13		1	XXX		
130	14		1			
140	15		1	XXX		
150	16		1			
	17		1	XXX		

PIECES 1-17

GRAY / LIGHT GRAY
HOST SEDIMENT. COLOR N6 / 5Y7/1

FINE-GRAINED SANDSTONE BEDS (0.5-1cm)

FINING UPWARDS TO SILTSTONE.

GOOD EXAMPLES OF SCOURED BASES, CHONDRITES
& FINELY LAMINATED SEDIMENTS eg. PIECE 7

COMMON ~~BOUMA~~ BOUMA SEQUENCES
T₀/c₁e, T₀/c₂e

STRONGLY BIOTURBATED - CHONDRITES
MODERATELY INDURATED

MINERALIZATION

PYRRHOTITE + TRACE Fe²⁺-RICH SPHALERITE.
+ CHLORITE/SMECTITE ENVELOPES (0.5-3mm)
IN SUB-VERTICAL IRREGULAR VEINS, K

ALONG BEDDING PARALLEL DISCONTINUOUS
REPLACEMENT LENSES & LAMINAE. COMMON
ISOLATED & DISSEMINATED BLEBS OF
PYRRHOTITE (0.2-20mm).

SUB-VERTICAL MINERALIZATION CUTS ACROSS
BEDDING PARALLEL SULFIDE BANDS

- MINERALIZATION DECREASES DOWN SECTION.
0-1m (15% FeS) 1m-1.5m 3% FeS
SULFIDE-MINERALIZATION = 11%