

# SULFIDE VISUAL CORE DESCRIPTION

169- 1035 H - 21R - 1

SITE/HOLE/CORE/SECTION

sediment with sulfide  
sm sulfide in sediment

BARREL SHEET SUMMARY:

Observer: SHA

lith name SEMI-MASSIVE SULFIDE WITH SEDIMENT

Major Lithology: massive to parallel laminated to strongly bioturbated SILTSTONE and SILTY CLAYSTONE with SEMI-MASSIVE (Cu-Fe-SULFIDE (ISOCUBANITE) that decreases to Banded SULFIDE and SULFIDE impregnations in some pieces

cm	Piece number	Graphic representation	Orientation	Drilling Disturb.	Structures	Samples	%S
0	1						0
10	2						10
	3						10
	4				VS		10
	5						20
	6						30
	7						0
30	8				VS		30
	9						40
	10						50
	11						
	12				VS		60
	13						50
	14						
	15						50
	16				VS		50
	17						70
90	18				VS		60

Well indurated, somewhat silicified, gray (NS) SILTSTONE ~~with~~ in SEMI-MASSIVE ISOCUBANITE.

Minor Lithologies { 2-3 pieces (1, 7, 3) lack sulfide or contain only sparse disseminated sulfide.  
Piece 8, 16, & 22 have sulfide mainly concentrated along bedding - they resemble SULFIDE BANDED SEDIMENT

All the rest are SEMI-MASSIVE with 50-70% SULFIDE in a matrix of ALTERED SEDIMENT.

Pieces 8 & 16 are strongly

ated = probably covered

r sulfides are present.

Good example of Cu-Fe sulfide cross bedding.

Cu-Fe sulfide replacing cross- and bioturbation.

100	14						60
	20						60
110	21						60
	22				VS		50
	23						50
120	24						60
130							
140							
150							

st. nodules bioturb

No other

Piece 18:

replacing

Piece 16:

bedding