

# SULFIDE VISUAL CORE DESCRIPTION

169-1035H/19/1R  
SITE/HOLE/CORE/SECTION

**BARREL SHEET SUMMARY:** Observer: WCS

lith name MASSIVE SULFIDE

Major Lithology: 3 major lithologies - see below

cm	Piece number	Graphic representation	Orientation	Drilling Disturb.	Structures	Samples	% S
0	1						
10	2						
20	3						
30	4						
40	5						
50	6				VS		100%
60	7				VS		
70	8				VS		
80	9				VS		
90	10						
100	11						
110	12				↑		
120	13						
130	14						
140	15						
150	16				Chl?		60%
160	17						
170	18						
180	19						
190	20						
200	21						
210	22						
220	23				↑		5-10%
230	24				VS ↓		

MASSIVE SULFIDE  
0-49 cm: Sphalerite - pyrrhotite - pyrite massive sulfide - fine grained intergrowth of sphalerite and pyrrhotite. Paragenesis is complex - in some samples sphalerite appears later than Po & Py. In others Py & Qtz cut sphalerite. Complex interveining. Cp very minor.

30-70% S  
10-30% Po  
1-15% Py  
2-3% Qtz

49-108 cm: MASSIVE / SEMI-MASSIVE SULFIDE WITH ALTERED SEDIMENT  
50-80% Isocubanite (fast oxidizing Cu-Fe-S mineral with color between cp & py) with a matrix of altered mudstone and soft greenish white chlorite (?) or talc.

108-118 cm: Highly indurated, altered SILTY CLAYSTONE WITH ISOCUBANITE IMPREGNATIONS. 5-10% Sulfide - nothing but Iscb. SILTY CLAYSTONE is gray (NS) non-bedded and silicified.