

SULFIDE VISUAL CORE DESCRIPTION

169-1035H-18R-01
SITE/HOLE/CORE/SECTION

BARREL SHEET SUMMARY: Observer: GIDG
 lith name Sulfide-veined Sediment
 Major Lithology: Sulfide veined silicified sediment / semi-massive sulfide. Sulfide dominated by black sulfide with minor pyrite/pyrrhotite sphalerite
Distinctive Unit because of silicification + 75p

cm	Piece number	Graphic representation	Orientation	Drilling Disturb.	Structures	Samples
0	1				Si Vs	
10	2				Si	
20	3				Vs	
30	4				Si	
40	5				Vs	
50	6				Si	
60						
70						
80						
90						
100						
110						
120						
130						
140						
150						

Dark gray sphalerite veins cutting sphalerite-impregnated silicified sediment. Black coarse-grained euhedral sphalerite with interstitial pyrite and a pale green silicate coating veg minerals. Sphalerite 60-70% (below)

Dark gray to black fine-grained sphalerite impregnations and veins in silicified pale gray (N7/). Sphalerite veins also contain pyrite and pyrrhotite. Sphalerite ranges from 5-50%. Silicified sediment fractured post-silicification.

(1047/2)
 Piece 143. Pale green euhedral xtals of clinozoisite (?), radiating habit filling a vug.