

**SULFIDE VISUAL  
CORE DESCRIPTION**

169- 1038E 02R-1  
SITE/HOLE/CORE/SECTION

BARREL SHEET SUMMARY: Observer: PET

lith name MASSIVE SULFIDE

Major Lithology: massive sulfide (pyrrhotite + minor pyrite, sphalerite).

Sulfide-veined claystone. (25% sulfide)

Piece number	Graphic representation	Orientation	Drilling Disturb.	Structures	Samples
1					
2					
3					

Piece ①: massive, f.g. <sup>to m.g.</sup> pyrrhotite (95%) and minor (5%) blocky high-Fe sphalerite. Grain size predominantly f.g., except for a few 5mm diffuse areas of 2mm, ~~the~~ hex. plates of pyrrhotite. a few random areas have v.f.g. black sphalerite as coatings (?) or layers (?).  $\approx$  10% porosity. Rare v.f.g. pyrite on one surface.

Piece ②: grey (106) strongly clay/smectite altered claystone veined by f.g. to c.g. barite-pyrite intergrowths. Small droplets of wax or bitumen clay <sup>stake</sup> < 1mm to 1mm, honey orange color adhere to some barites & may be included in some crystals. Possible v.f.g. alabandite may line some interstices in vein.



Piece ③: Several pieces of: massive, f.g., compact to slightly porous pyrrhotite with minor (5%) pyrite and some trace