

LEG	SUB	SITE	HOLE	CORE	TYPE	SEC
169		1035H		014C	C	
ODP VISUAL CORE DESCRIPTION				OBSERVER		
SEDIMENTS / SEDIMENTARY ROCKS				PET		
SECTION DESCRIPTION						

PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
0		X			BRONZE/BRASS
10		X	CLAS TYPE		
20		X			
30					
40					
50					
60					
70					
80					
90					
100					
110					
120					
130					
140					
150					

0 to 16 cm: gravelly mixture of hydrothermally altered mudstone and clastic sulfides (in-situ rubble). clasts to 6cm diameter angular.

clasts are:

- intensely hydrothermally clay altered (mg-smectite?) mudstone 5G 4/1 dark greenish gray, v. fine grained - similar to blue green clays noted by WDG. contains 2-3% N. f. sp (<0.1 mm) finely disseminated pyrite.
- massive. medium to c. gr. pyrite (60%) and sphalerite (40%). Completely recrystallized reticulate botwork meshwork of interlocking pyrite as hexagonal plates pseudomorphing pyrrhotite (hexagonal), 1mm to 4mm diameter, with dark, lustrous, black wurtzite (hexagonal) and possibly sphalerite interstitial to pyrite. Contains 20 to 30% pore space.
- Compact, fine grained, mottled mixture of massive pyrite (50%) - sphalerite/wurtzite (45%) - chalcopyrite/isocubanite (5%). Sphalerite/wurtzite occurs as wisps, and chalcopyrite as 1cm bleb or clast. trace to 1% interstitial anhydrite.