

LEG	SUB	SITE	ROLE	CORE	TYPE	SEC
169		1035	F	17R		1

ODP  
VISUAL CORE DESCRIPTION

SEDIMENTS / SEDIMENTARY ROCKS

OBSERVER  
GZ/DML

SECTION DESCRIPTION

Pieces 1-14: (0-90cm)  
SANDSTONE with trace sulfides: Clay altered

Color 59 6/1 greenish gray.

Fine grained laminated turbiditic  
SANDSTONE.

Parallel to cross laminated, moderately bioturbated.

Moderately indurated.

Contains ca 2-3% sulfides mainly as disseminations of pyrrhotite after cubic pyrite. Many cubic holes ca. 0.1mm where pyrite dissolved out ~~and~~. Some voids have relict pyrite in which has concave (dissolved) margins. (70% po, 30% pyrite) flint cubes up to 3mm dia. A few 1-5mm sub vertical veins filled with pyrite, pyrrhotite ± anhydrite. No selvages  
No observable chalcopyrite.

Disseminations occur irregularly in the sandstone (cluster effect).

Piece 15 is very different: (90-94cm)

Massive sulfide irregularly shaped, subrounded, 5-10mm ~~blebs~~ with interstitial silicified sediment. Sulfide ~~blebs~~ are tarnishing quickly! Cu rich mineral: chalcopyrite intergrown with pyrrhotite.

Colour of silicified sediment = N4 gray - darker gray than overlying sandstone.

Sulphide impregnated sediment, ca: 30% sulfide.

PIECE #	GRAPHIC REPRESENTATION	DRILLING DISTURB.	STRUCTURES	SAMPLES	COLOR
1	○○○				
2					
3					
4					
5					59 6/1 greenish gray
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					N4