

## CONTINUATION SHEET

Sulfide fragments

 IGNEOUS / METAMORPHIC ROCKS SEDIMENTS / SEDIMENTARY ROCKS

LEG	SUB	SITE	HOLE	CORE	TYPE	SEC
169		1038B			2R	2

OBSERVER

BJE

PAGE NUMBER

SMEAR SLIDE/THIN SECTION INTERVAL

50-55 cm: Four pieces, two of massive sulfide, all about 1cm in size.

Piece 1: Fine to medium-grained pyrrhotite, partly wuggy in hexagonal platelets. Interstitial white to yellowish blebs of probably a clay mineral and possibly anhydrite.

Piece 2: Fine-grained compact pyrrhotite.

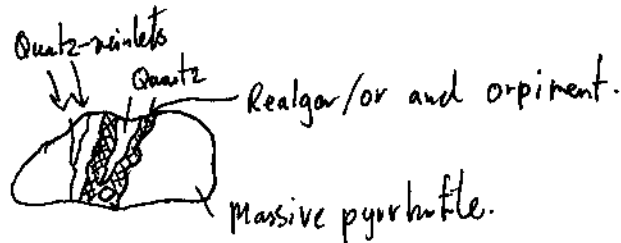
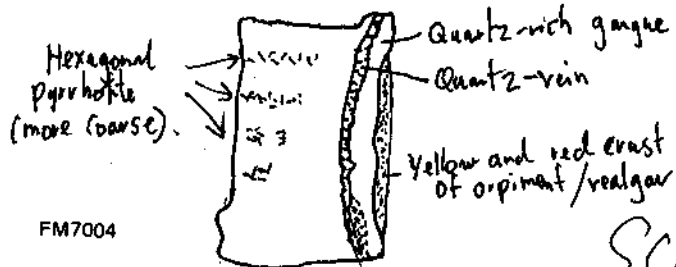
Piece 3: Chlorite-rich fragment. Very fine-grained, dark green chlorite with 10% of  $\leq 1\text{mm}$  sized euhedral cubes of pyrite. Criss-crossing network of less than 0.5mm veinlets composed of anhydrite and probably barite. Looks like a breccia. About 10% pyrite, 10% anhydrite +/- barite and 80% chlorite.

Piece 4: Anhydrite fragment, probably part of a vein. Some green chlorite and euhedral to subhedral pyrrhotite, ~ 2% sulfides.

59-61 cm: 3x2 cm fragment consisting of dark green, fine-grained chlorite with  $\leq 1\text{mm}$  euhedral pyrite cubes. Veinlets of coarse-grained anhydrite.

110-120 cm: 3 pieces of massive sulfide, 1x1, 2x1 and 3x2 cm in size.

Mainly compact pyrrhotite, but pockets and "veinlets" with more coarse-grained hexagonal platelets in open network. The two larger pieces are cross-cut by later quartz veins, partly with euhedral quartz-crystals in comb-structure. Orange to yellow crusts of ~~orpiment~~ orpiment and/or realgar are associated with quartz, also as lining in the veins. Quartz is also part of the gangue, together with a soft greenish ~~gray~~ white mineral, probably a clay-mineral or talc.



SCALE 1:1