

SULFIDE VISUAL CORE DESCRIPTION WORKSHEET

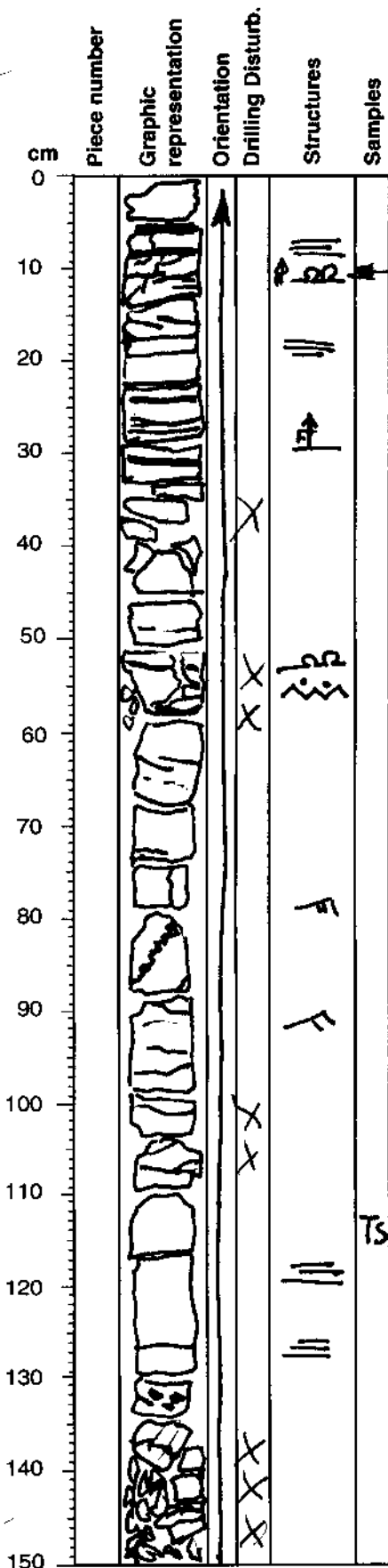
169-1035 F 13R-2

Observer: GZ/TEA/PET

SITE/HOLE/CORE/SECTION

BARREL SHEET SUMMARY:

SANDSTONE with <5% sulfide bands and veins.



0 to 150 cm: FINE TO MEDIUM SANDSTONE, 56% (6%) greenish gray, parallel to cross laminated, turbidite (last escape str) bed; slightly clay altered (esp. 105-130 cm), moderately indurated.

Sulfides 3 to 5% overall: Chalcopyrite ~70-80%, pyrrhotite 20-30%. Present as: ① bedding/laminae-parallel bands/veins ^{0.2} <1mm to 4mm wide; spaced ~1 → 5cm apart.

② subvertical to ~~high~~ ^{moderate} angle chalcopyrite-pyrrhotite veins (<1mm to 3mm wide) without chlorite ~~and~~ envelopes as seen higher up hole.

③ finely disseminated pyrrhotite (<<1mm).

① above predominates by far > 90% over ② 8%, and ③ 2%.

130-133cm: several 2mm to 10mm veins with chlorite + anhydrite + pyrite(?) linings.

40cm 1-2mm anhydrite layer as part of chalcopyrite vein.