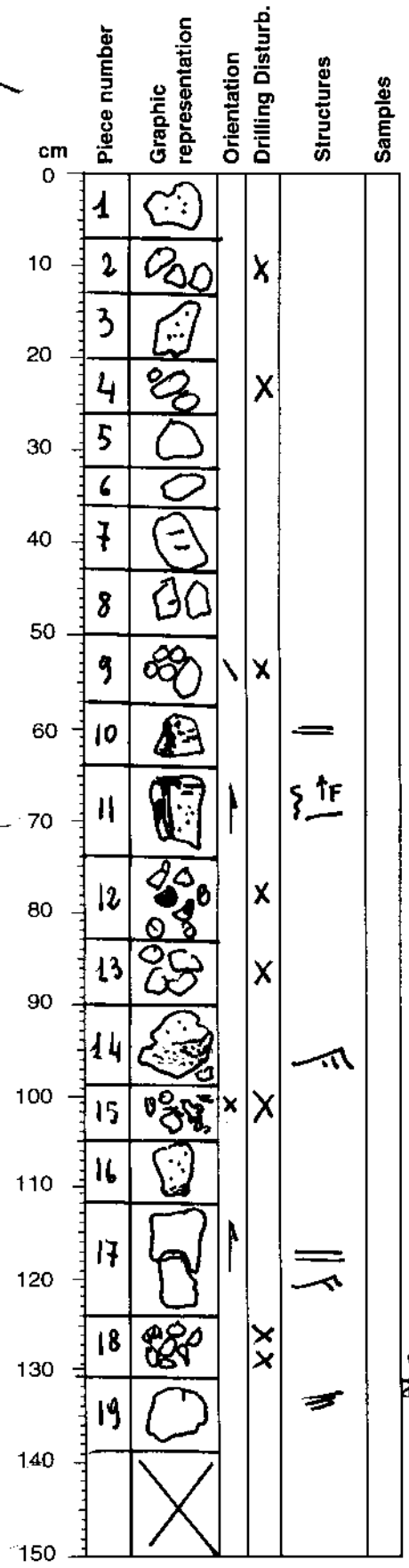
SULFIDE VISUAL CORE DESCRIPTION WORKSHEET

169- 1035F 16R-1 Observer: GZ/AET

SITE/HOLE/CORE/SECTION

BARREL SHEET SUMMARY:
SANDSTONE with trace sulfides.



Color 5G 6/1 greenish gray

fine grained laminated turbiditic SANDSTONE; parallel to cross laminated (see description in VCD 13-2) moderately bioturbated. moderately indurated.

contains: 3% sulfides (predominantly pyrrhotite (75%), with lesser chalcopyrite (25%)) overall.

Sulfides occur as: ① fine to very fine grained dissemination of pyrrhotite after cubic pyrite. The pseudomorphous cubes are entirely replaced by pyrrhotite. Some cubes have been leached, resulting in casts of cubes.

② blebs 1mm to 10mm diameter of pyrrhotite + lesser chalcopyrite. In places these blebs are interconnected by microveinlets (eg. Piece 12)

③ Minor bedding-parallel concentrations of sulfides (pyrrhotite + chalcopyrite).

* Pieces 17, 18 are light grey ~~(5Y 8/1)~~ N7/1 and strongly altered to clay

My-smectite?: waxy, soft, talcose feel.

* Pieces 12, 13 have 2-3mm planar