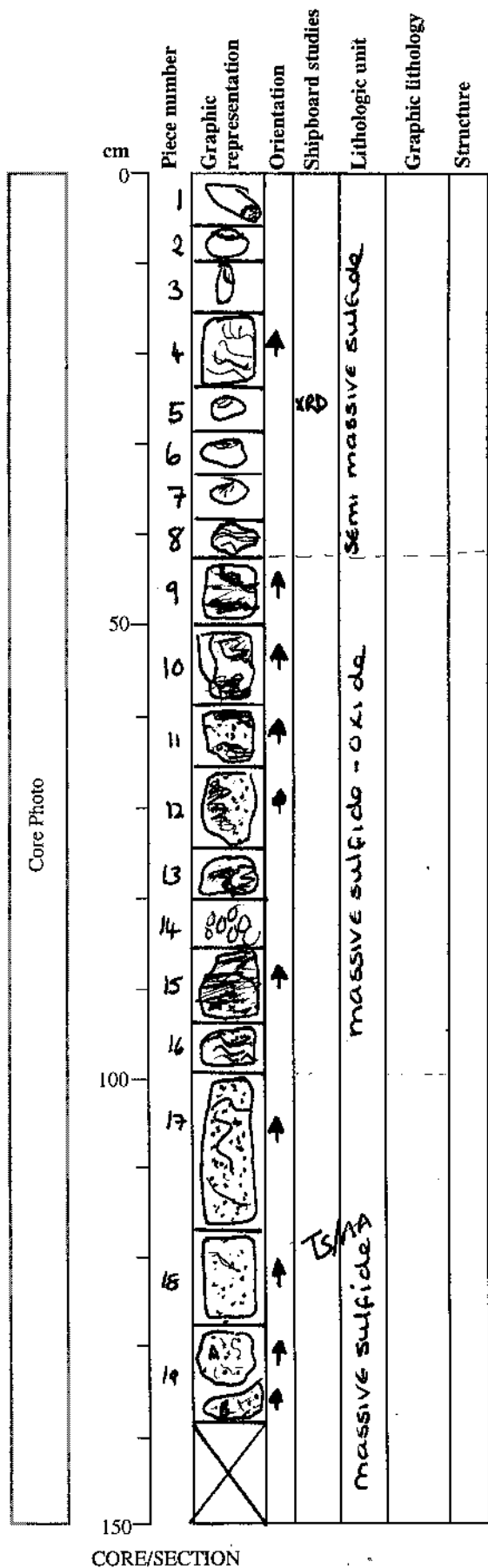


SULFIDE VISUAL CORE DESCRIPTION

169-SITE-HOLE-CORE-SEC 1035H-16R-2.



Pieces 1-8: Sphalerite/ altered sediment

ROCK TYPE: Semi massive sulphide with sediment.

CONTACTS:

COLOR: Reddy, greenish, white.

MAJOR MINERALS:

Sphalerite 40-60%

pyrite ~ 4-5%

White clay minerals - ? smectite ~ 10-15%

Clays/altered sediment: ~ 20%

MINOR MINERALS:

green mineral in vugs ~ 1%

(esp piece 5) Epidote (with fluid inclusions.)
or Diopside → XRD.

TEXTURE: heterogeneous: Piece 8 shows a banded texture that may indicate sulfide after sediment?

VEINS: /

ADDITIONAL COMMENTS: low mag susceptibility
low density.

Pieces: 9-19: (42-137cm)

Rock: massive sulphide/oxide

Colour: yellowy bronze → deep red black.
minerals:

magnetite } 10-30%: difficult to estimate
~~pyrite~~ } %'s separately.

pyrite: 30-60%

White soft ? clay mineral: 5-10%

Pieces: 9 → 16 have a higher mag/sph: pyrite ratio than pieces 17, 18 + 19 which appear to have less magnetite.

Panel sheet lithology:

0-42cm: Semi massive sulfide with sediment

42-137 cm: massive sulfide.

All have possible vestiges of sediment protolith which is now altered → clay minerals. Very heterogeneous wavy, spotty textures.