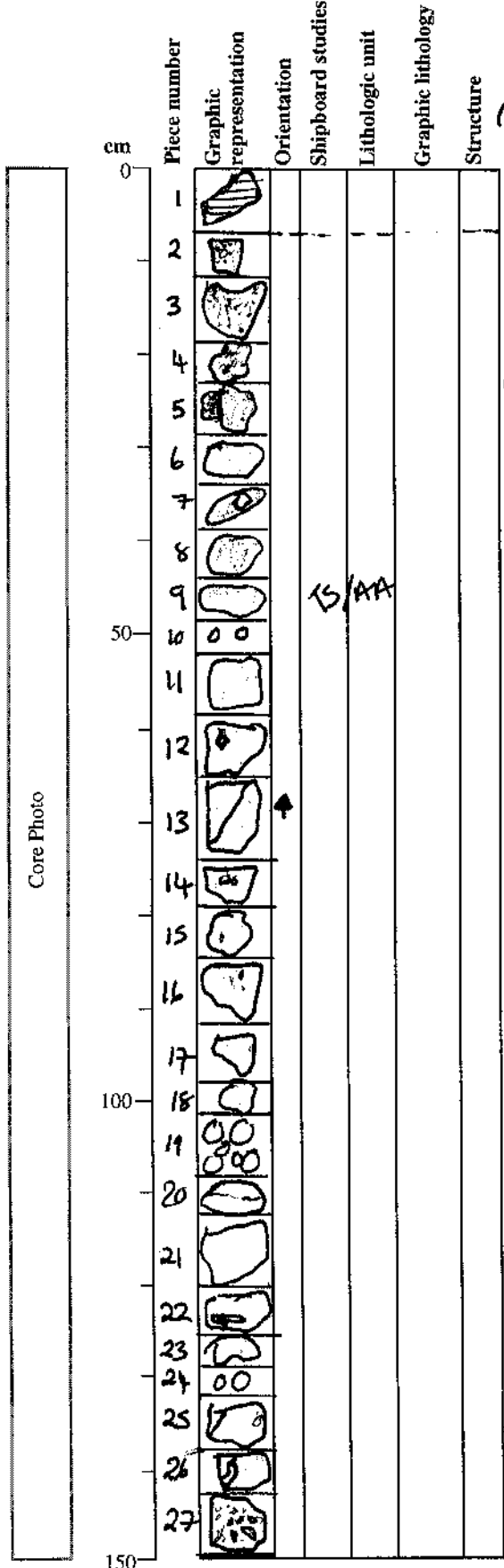


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SULFIDE VISUAL CORE DESCRIPTION

169-SITE-HOLE-CORE-SEC 1035H-16R-1



Pieces 2-27 (Piece 1 = probable fall in - parallel + cross laminated
(7-150 cm) Siltstone with deformation structures + pyrite impregnations.)
 ROCK TYPE: massive sulfide
 CONTACTS: -
 COLOR: Reddish black to dusky red.
 MAJOR MINERALS:
 Sphalerite 50-70% } intergrown + lining voids.
 pyrite 5-15%
 White, very soft, soapy void filling amorphous mineral - ? talc, clays ~ 5-10%

MINOR MINERALS: - non observable.

TEXTURE: heterogeneous ruggy Pieces 13 + 16 show relict clastic texture.

VEINS: A few, random 0.1-0.5 cm thick, partially filled with pyrite, white mineral + clearish grey xtal (only 2 observed).

ADDITIONAL COMMENTS:
Void space = 5-10% (often unfilled).
Sphalerite deep red = Fe rich.

From Pieces 20-27 texture changes and pieces are more compact + less ruggy. Also less pyrite intergrown with the dusky red sphalerite. i.e. nearly 100% infill of voids, by white mineral.

Summary
sphalerite rich massive sulfide. No evidence of sediment replacement.
Ruggy textures some clastic (sulfide clasts in sulfide matrix) textures.