

LEG	SUB	SITE	HOLE	CORE	TYPE	SEC
169		1038C		01R	2C	

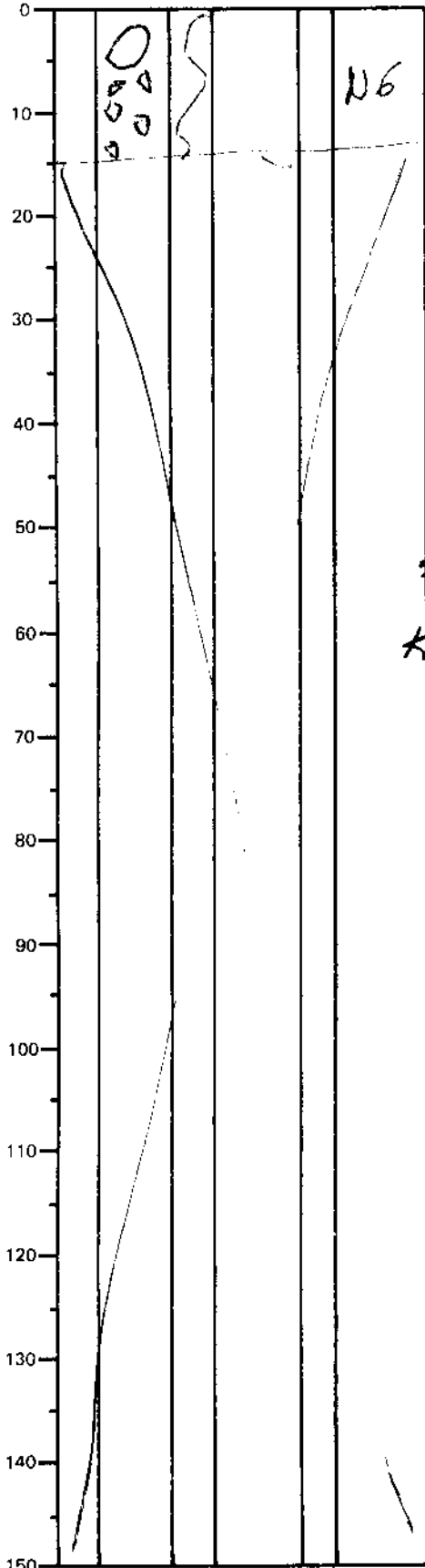
ODP  
VISUAL CORE DESCRIPTION

SEDIMENTS / SEDIMENTARY ROCKS

OBSERVER

SECTION DESCRIPTION

LAL/DUC/PET



Medium gray clayey silt (DRILLING SOUP) with ~~quartz~~ clay minerals, quartz and feldspar as main components. (sulfides < 2%) in the f.g., silt component (not as clasts).

contains 7 clasts <sup>to 4cm</sup> of hydrothermal products of different types:

① compact, massive, low ~~porosity~~ porosity ~~pyrite~~ + sphalerite? dark grey color. (ρ >> sph) Relative %age of pyrite & sphalerite NOT known (cannot see). No other sulfates or silica.

② ~~same as above~~, but with 1-2mm thick crust of spongy barite(?) (cream) with patches of < 1mm euhedral bright, translucent yellow (native sulfur? or orpiment) and orange (realgar or Fe-oxide staining on sulfur?). Sample is slightly "hot" under scintillometer.

③ grey (N5) slightly indurated claystone; clay / smectite altered (?).

④ same as ③ above, but with 1-2mm wide veins of c. gr 1-2mm wide pyrite crystals!