

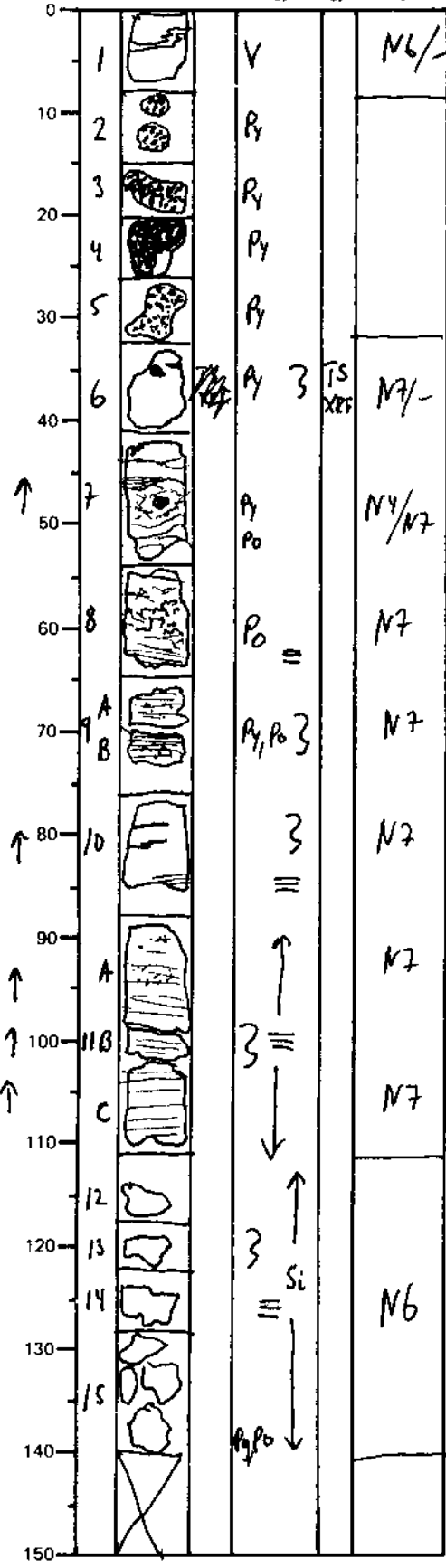
LEG	SUB	SITE	HOLE	CORE	TYPE	SEC
169		1035G		10R01		

OBSERVER	
BJE	

ODP
VISUAL CORE DESCRIPTION

SEDIMENTS / SEDIMENTARY ROCKS

SECTION DESCRIPTION



Piece 1: siltstone with a crosscutting vein of a yellow mineral and veins with quartz-crystals. The yellow mineral could be a zeolite.

Piece 2-5: Semi-massive ~~sulfide~~ sulfide with siltstone. Impregnation of pyrite (40-60%) in siltstone. The siltstone has variable color from Gray (N6-) to light gray with a yellowish shade (2.5Y 7/2) and seems to be a sedimentary breccia rather than a siltstone (Cfr. Piece 7 and 8).

Piece 6-11: Clay (?) ^{chlorite?} altered siltstone to sandstone, commonly with preserved parallel lamination, and bioturbation, except Piece 7 and 8. Piece 7 and 8 show a very fine brecciation (proto-breccia), with a weak impregnation of pyrrhoite, especially in piece 8, ~~like the~~ between the fragments. Touching the pieces, gives a "greasy" or ~~soapy~~ "soapy" feeling, indicating the presence of very fine chlorite or clay-minerals. Weak pyrrhoite-impregnation (~5%) throughout, with very minor pyrite.

Piece 12-15: Intensely silicified siltstone and sandstone, some bioturbation and weak planar lamination. Weak pyrite-pyrrhoite impregnation at a fracture-plane in piece 15.

Major Lithologies:
Semi-massive sulfide with siltstone breccia. 8-33 cm.
Siltstone, silicified and clay-chlorite altered. 33-140 cm.