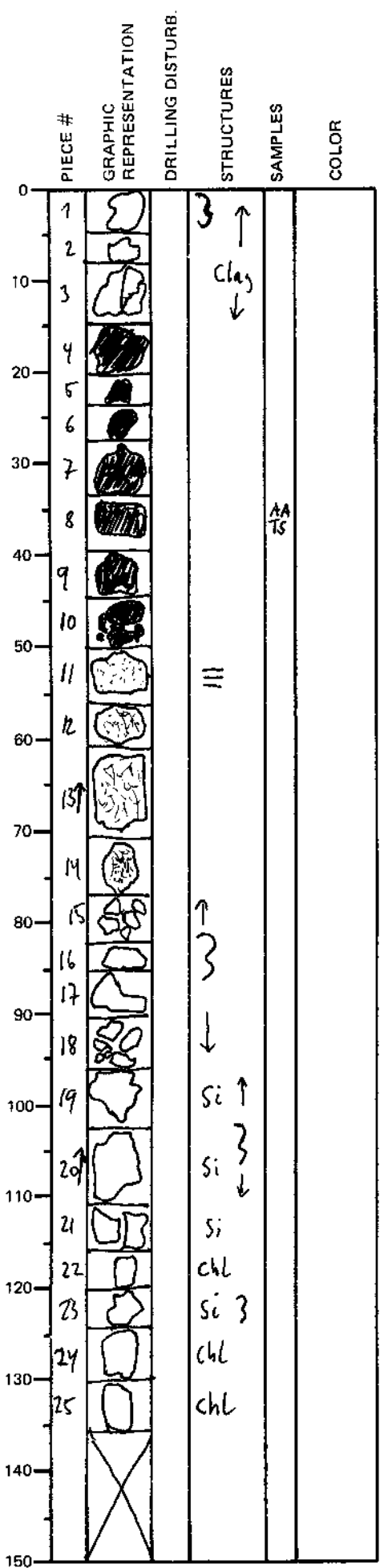


LEG	SUB	SITE	HOLE	CORE	TYPE	SEC
169		1035H			9R01	
OBSERVER						
BJE						

ODP
VISUAL CORE DESCRIPTION

SEDIMENTS / SEDIMENTARY ROCKS

SECTION DESCRIPTION



1-3: Silty claystone, clay-altered, some bioturbation.

4-10: Massive sulfide, porous, partly wuggy pyrite. Mainly pyrite-pyrrothite-sphalerite. Chalcocyanite-rich in piece 9. Maybe some magnetite formed as result of oxidation. Sphalerite is black and finegrained, "earthy". Some anhydrite. About 90% sulfides (excluding porosity).

11: Sulfide-impregnated, fine sandstone (30% sulfides) mm-sized grains of pyrite and some sphalerite.

12-15: Weak impregnation of pyrrothite in a brecciated siltstone (5-10% sulfides), sharp fragments, 2-5mm surrounded by thin partly by anhydrite.

16-18: Weak impregnation of pyrrothite (~5%) in bioturbated siltstone.

19, 20 and 23: Silicified fine sandstone with some bioturbation. Color: 5G 4/1 - Dark greenish gray.

22 and 24, 25: Chlorite or talc(?) altered mottled fine sandstone. Very soft. Color 5G 7/1 - Light greenish gray.

Summary: Massive sulfide unit (15-50cm) interbedded in clay altered (top) and silicified to chlorite altered siltstone. Massive sulfide is underlain by a thin unit (50-97cm) of pyrrothite-impregnated, brecciated and bioturbated siltstone. Massive sulfide comprises pyrite-pyrrothite and sphalerite.