

LEG	SUB	SITE	HOLE	CORE	TYPE	SEC
169		1035	F	10R		1

ODP  
VISUAL CORE DESCRIPTION

SEDIMENTS / SEDIMENTARY ROCKS

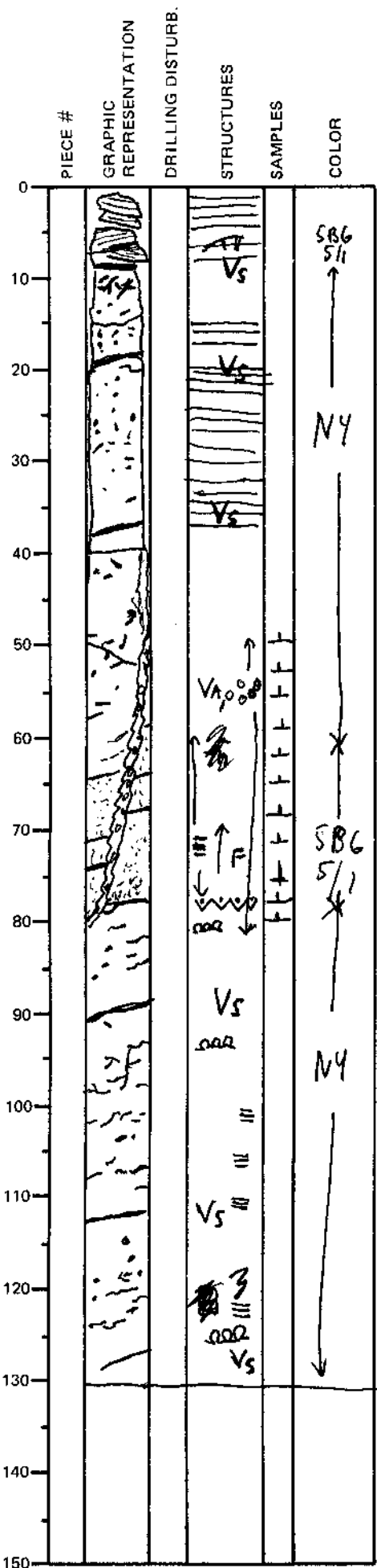
OBSERVER

BJE

SECTION DESCRIPTION

SULFIDE-BANDED and SULFIDE-VEINED  
SILTSTONE and minor SANDSTONE.

- Sulfide content 10-15 %
- Pyrite occurs mainly in irregular mm to cm-large impregnations, often associated with anhydrite, possibly replacing it. The shape of the impregnations suggests that they are replacement of burrows.
- Pyrite, pyrrhotite and sphalerite occur in sub-horizontal bedding-parallel mm-to cm thick ~~veins~~ <sup>bands/veins</sup>, grain size less than 1mm and replacing the sediments along bedding.
- Normal fault present <sup>induced by drilling.</sup> between 50 and 80 cm ~~with~~ <sup>at</sup> ~~depth~~ <sup>at</sup> ~~8-8.5 cm East~~ <sup>at</sup> ~~base~~ <sup>at</sup> ~~of~~ <sup>at</sup> ~~3.5 m~~ <sup>at</sup> ~~rounded fragments of anhydrite, 8.5-12 cm~~ <sup>at</sup> ~~wide~~ <sup>at</sup> ~~the~~ <sup>at</sup> ~~fault~~ <sup>at</sup> ~~and~~ <sup>at</sup> ~~anhydrite~~ <sup>at</sup> ~~is~~ <sup>at</sup> ~~crosscutting~~ <sup>at</sup> ~~sub-~~ <sup>at</sup> ~~horizontal~~ <sup>at</sup> ~~sulfide~~ <sup>at</sup> ~~bands,~~ <sup>at</sup> ~~now~~ <sup>at</sup> ~~heavily~~ <sup>at</sup> ~~disturbed~~ <sup>at</sup> ~~by~~ <sup>at</sup> ~~drilling~~ <sup>at</sup>
- Greenish-gray (SBG 5/1) alteration is associated with the sulfide-bands, particularly in the minor sandstones.
- Subtle laminated siltstone, moderately indurated with some soft-sediment deformation is the major host. Contacts to minor laminated sandstone ~~is~~ <sup>are</sup> sharp. Color of siltstone are N4/ dark gray and SBG 5/1 greenish gray in Sandstone.



130 cm