

ODP
VISUAL CORE DESCRIPTION

LEG	SUB	SITE	HOLE	CORE	TYPE	SEC
169		1035A		19X	CC	

SEDIMENTS / SEDIMENTARY ROCKS

OBSERVER

SECTION DESCRIPTION

Biscuits of

SILTY CLAY

KL / JP

0-33cm: ~~Silty mud~~ (gray to light gray N6-7)

in silty clay. Biscuits are creamy to light grey and contain 2-5% f.g. sulfides (pyrite, pyrrhotite, sphalerite, + magnetite?) as f.g. disseminations, subvertical veinlets (1-4mm), and along laminations & bedding planes (replacing siltier to sandy sections). (Pyrrhotite > pyrite > sphalerite). light grey color of matrix due to moderate to intense clay alteration & lesser silicification along certain laminae.

33-38cm: Drill-induced breccia (1mm to 2cm) of moderately to highly silicified mudstone; highly indurated; sulfide mineralization same as above, but hydrothermal alteration is intense silicification rather than clay alteration. Breccia fragments are angular, sharp, conchoidally fractured. minor silty clay surrounds fragments.

