

LEG	SUB	SITE	HOLES	CORE	TYPE	SEC
169		1036	A	01	H	01

ODP
VISUAL CORE DESCRIPTION

SEDIMENTS / SEDIMENTARY ROCKS

OBSERVER

SECTION DESCRIPTION

ROB Z. DEMANDS NEW LITHO UNIT.

0 to 150 cm: COLLAPSED CHIMNEY SAND & CLASTS

pebble to sand grain size; completely soupy, water-logged unconsolidated mixture of partly to completely disaggregated chimney clasts due to anhydrite dissolution (as shown by camera/video inspection of core site).

* pebble sized (to 4 cm) clasts composed of relatively monomineralic white anhydrite as 2-4 mm long fibers, and 1-5 mm euhedral crystals; relatively monomineralic ^{v.f.g.} pyrrhotite (± pyrite, sphalerite?); ③ complex intergrowths of anhydrite, pyrrhotite, ± pyrite, sphalerite, green-grey clay (Mg smectite?)

④ rare (trace) 1-2 mm clasts of orangey brown oxidized py burrow(?) (in of 55 cm only)

⑤ CRITICAL FEATURE: white mineral is now VERY SOFT, and friable and is likely almost all GYPSUM.

overall 20-30% SULFIDES, (50% GYPSUM / 60% ANHYD.)
~~10% CLAY~~ ~~SOUPI~~ ~~TO~~ ~~2~~ ~~ADULTERATED~~ OVERALL

OVERALL 30% > SAND SIZED.

- UPPER PART (0-55 cm) SL. OXIDIZED.

