


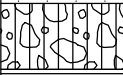
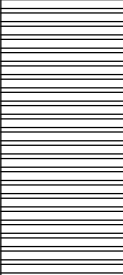


BOREHOLE LOG GRN01-0187

PROJECT UMTRA GROUND WATER
LOCATION _____
SITE _____
WELL NUMBER _____
NORTH COORD. (FT) _____
EAST COORD. (FT) _____
HOLE DEPTH (FT) 12.50
DATE DRILLED 06/19/2002

SURFACE ELEV. (FT NGVD) _____
BIT SIZE(S) (IN) 8.0
DRILLING METHOD ROTASONIC
SAMPLING METHOD ROTASONIC CORE
WATER LEVEL (FT BGS) Dry 06/20/2002
LOGGED BY Goodknight, C.
REMARKS Hole plugged and abandoned on 6/20/2002.

DEPTH (FT BGL)	ELEV. (FT NGVD)	BLOW COUNTS	SAMPLE ID.	EXTENT	GRAPHIC LOG	LITHOLOGIC DESCRIPTION
						0-1.5 ft. SILT (ML); light yellowish brown (10YR 6/4), with 10% small pebbles, dry.
						1.5-3.5 ft. SILTY GRAVEL (GM); mostly silt with 25% pebbles up to 3.0" diameter, color same as above.
						3.5-4.5 ft. SAND (SP); fine to very fine grained sand, light yellowish brown (2.5Y 6/4).
5						4.5-6.0 ft. SILTY GRAVEL (GM); pale brown (10YR 6/3).
						6.0-12.5 ft. MANCOS SHALE: 6.0-9.5 ft. SHALE; weathered shale, soft, calcareous, light olive gray (5Y 5/2). @7.0 ft. 2.0" thick damp layer with limonite/hematite stain of reddish yellow (7.5YR 6/8) and gypsum crystals. 9.5-11.0 ft. slightly damp, medium dark gray (N4) to dark gray (N3). 11.0-12.5 ft. weathered to non-weathered Mancos Shale, medium dark gray (N4), dry.
						Total Depth 12.5 ft.
15						
20						