

INEX Drilling Log

Project: GMI

Location: Caprock, NM

Date: 5/16/05

Rig: IR TH-60 AR

Logger: W.L. Mansker

DH#: MW-1

MW-1 GPS Location
33.38649 N. Lat.
103.83622 W. Long.

Depth ft bgs	Description	Well Construction
		6" 50 x 3" monument
0-5'	lt. silty red brn clay w/ caliche	
5-10'	brn silty clay w/ caliche	
10-15'	v. silty, brn clay (no caliche)	
15-20'	-do- brn clay	
20-25'	-do- brn clay, w/ silty clay stringers	
25-30'	-do- brn clay, v. silty	
30-35'	brn, clayey silt 30-32'. brn clay (no silt) 32-35'	
35-40'	brn, silty clay (± indurated - hard)	
40-45'	red-brn clayey silt	
45-50'	-do- clayey silt	
50-55'	-do- clayey silt	
55-60'	lt. brn sandy silt (± indurated - hard)	
60-65'	-do- 60-61', red-brn clay 60-65'	
65-70'	-do- red-brn clay w/ gray clay stringers	
70-75'	-do- red clay to 70-73' (no silt), firm, tight.	
75-80'	-do- ^{dk} red clay (no silt) firm, tight, damp.	
80-85'	silty, red-brn clay w/ clayey silt stringers	
85-90'	gray, clay & silty clay	
90-95'	-do- to 93', gray-brn damp, tight clay	

8-10% Bentonite Grout
136' to Surface

EXHIBIT

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GMI-25

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Depth ft bas	Description	Well Construction
95-100'	-do- 95-97', Red-brn clay, damp 97-100'	8-10% Bentonite Grout 136'-surface
100-105'	-do- red-brn clay	
105-110'	dk red-brn clay 105-108', Lt. brn silty clay 108-110'	
110-115'	-do- Lt. brn silty clay 110-114', Gray, hard (laminated) clay 114-115'	
115-120'	-do- 115-120', hard gray clay (± salty taste),	
120-125'	brn, silty clay 120-124', Gray hard clay 124-125'	
125-130'	-do- gray clay (no silt).	
130-135'	-do- 130-131', Gray, silty clay 131-135'	
135-140'	red-brn, silty clay 135-138', dk red-brn hard clay 130-140'	
140-145'	-do- dk red-brn clay 140-145'	
145-150'	-do- 145-146', brn, micaceous clay (± silty) 146-150'	Bentonite Screened 180-140' 8-16 CSSI Filter Sand 200'-138' Black CASING 200-180'
150-155'	damp → moist, laminated micaceous clay (± silty) 2.4" CSS 153-155'	
155-160'	damp - moist brn clay (clay ball cuttings) 155-160'	
160-165'	-do- 160-162', Gray clay (no silt) 162-165'	
165-170'	-do- gray clay	
170-175'	-do- damp, gray clay 170-172', Gray, clayey sandy silt 172-175'	
175-180'	-do- damp → moist gray sandy, clayey silt	
180-185'	-do- 180-181', org, clayey silt, brn, 181-185'	
185-190'	-do- Org, clayey, brn silt	

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