

Log # 122061

Geology/Drill Log

Barrick Cortez

Hole ID: EM-663 RECEIVED

2015 APR -7 AM 10: 22

STATE ENGINEERS OFFICE

Project: COTTONWOOD TEST RTR MV
 Drilling Company: RLY
 Drilling Method: Save
 Date Started: 3/11/15
 Date Finished: 3/11/15

Inclination: -90
 Azimuth: 0
 Easting: 592601
 Northing: 4463965
 Elevation: 4740
 Total Depth: 47'

Depth	Run From (ft) To (ft)	Run Length	Recovery		Grain Size			Graphic Log	Moisture (1-5)
			(ft)	(%)	% Gravel	% Sand	% Fines		
0	4							1	
4	7							2	
7	12							3	
12	14							4	
14	20							5	
20	25								
25	26								
26	28								
28	38								
38	40								
40	47								

Lithologic Description

1
 Tan silt
 Brown fine sand
 Tan gray silty sandy clay
 Brown c6 sand & gravel
 Brown silty sandy clay
 Brown sandy silt
 Brown silty sandy gravel
 Brown silty clay
 Brown silty sand, mod Bark
 Brown sandy silty clay, mod Bark
 Brown sandy gravel
 TD 47'

Clay: Can be rolled in a rope 3/4-in diameter
 Dry: Moisture Absent
 Silty: Can not be rolled into rope
 Moist: Damp, With No Visible Water
 Wet: Visible Water
 Sand with Clay/Silt: 20% or more of formation is clay/silt
 Sand, fine - med: Fine to medium (<0.5mm-2 mm)
 Sand med-coarse: Medium to coarse (2.5 mm)
 Sand with Gravel: 20% or more of formation is sand
 Gravel: >80% Gravel Fine (5-20 mm), Coarse (20-75 mm)