



LITHOLOGIC LOG FORM

Sheet 1 of 1

Converse Consultants

Project Cold Creek Well Drilling

Rig Geologist MBT

Project No. 10-35136-01

Date 3/23/11 - 3/25/11

Borehole ID Cold Creek Vol Fire Dept Well

Depth Interval (F) Time	Rock/Soil Description - Description/Symbol - % Particle Size - Color/Type - Angularity	Comments
0 - 100	(gm) silty gravel w/some sand; no cementation, trace clay, ~60% gravel, Poorly sorted, gravel up to 1" in dia, Rounded to subrounded, grey to light grey	easy drilling unconsolidated material
100 - 270	(gc) clayey gravel w/some sand; some cementation, ~50% gravel, 30% clay, 20% sand, Poorly sorted, gravel up to 1/2" in dia, Sub-angular to Angular, grey to light grey.	Moderate drilling moderate to light consolidation.
270 - 430	(sp) Sandy gravel; medium to hard cementation, ~60% gravel, 35% sand, < 5% silts & clays, gravel up to 1/2" in dia, moderately sorted, Subangular to Angular, Dark grey.	Hard Drilling First water @ ~270 lbs Lots of Fractures Zones Large Fracture Zone @ ~385 FT - Bgs
430 - 440	(sm) Silty Sand w/ gravel; medium to hard cementation, 80% silt & sand, 20% gravel, gravel up to 1/4" in dia, Angular to subangular, light grey.	
440 - 450	(sp) Sandy gravel; hard cementation, little to no fines, gravel up to 1/4" in dia Very Angular, dark grey	very Hard drilling
	End of Exploration @ 450"	DCNR/DWR RECEIVED OCT 09 2012

LAS VEGAS OFFICE