



SRK CONSULTING
6250 NEIL ROAD #300
RENO, NEVADA 89502
(775) 826-6800

WELL LOG: MW-5

PROJECT NAME: Cave Rock Country Store	BORING NUMBER: MW-5	DRILLING COMPANY: WESTEX
PROJECT NUMBER: 114801	SURFACE ELEVATION: 8245.27	COORDINATES 1258 Lincoln Park Drive
LOGGED BY: DRB	OR LOCATION: Cave Rock, Nevada	
APPROVED BY: JM		
DRILLING METHOD: Hollow Stem Auger	HOLE DIAMETER: 10-Inches	FLUID USED: None
		STARTING DATE: 3/6/99
		ENDING DATE: 3/6/99

DEPTH (ft)	WATER LEVELS	SAMPLE TYPE	BLOW COUNT	OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION	WELL CONSTRUCTION
0						Silty SAND (SM) Dark brown, medium stiff, moist to wet. Trace fine SR gravel to 3/8". 56% fine sand, 45% low to non-plastic fines. Many rootlets from 0' to 3'. No odor.	Bentonite-cement surface seal. Hydrated amorphous bentonite.
5		25 29 50-5		0			#3 RMC Lonestar sand.
10		24 50-1		0		Well Graded SAND with Silt and Gravel (SW-SM) Moderate brown, medium dense, wet. 15% coarse SA gravels to 4"+, 75% fine sand, 10% non to low-plastic fines. No odor.	
15		23 50-3		0		Silty SAND (SM) Moderate brown, dense, wet. Trace coarse SR-R gravel to 2"+, 56% fine sand, 10% mod to low-plastic fines. No odor.	0.020" slotted well screen.
						Driller: Boulder or cobbles @ 16.4', refusal. TD = 16.4' @ 12:12, 3-5-99 Groundwater encountered @ 4.0'.	Threaded bottom cap.

GROUND WATER ENCOUNTERED: 4.00 feet	GROUT MATERIAL: Bentonite-Cement: 0' - 1'	CASING MATERIAL: 4" SCH 40 PVC: 0' - 2'	TOTAL DEPTH DRILLED: 16.40 feet
GROUND WATER STATIC: 3.76 feet	SEAL MATERIAL: Hydrated Bentonite: 1' - 2'	SCREEN SIZE: 0.020" Slotted PVC: 2' - 16.4'	
	FILTER MATERIAL: #3 Lonestar Sand: 2' - 16.4'		

SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS		
			GRAPH	LETTER			
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES		
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES		
		GRAVELS WITH FINES		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES		
		(APPRECIABLE AMOUNT OF FINES)		GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES		
	SAND AND SANDY SOILS	CLEAN SANDS (LITTLE OR NO FINES)			SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES	
					SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES	
		SANDS WITH FINES			SM	SILTY SANDS, SAND - SILT MIXTURES	
			(APPRECIABLE AMOUNT OF FINES)		SC	CLAYEY SANDS, SAND - CLAY MIXTURES	
		FINE GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
						CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
	OL				ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY		
SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50			MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS		
				CH	INORGANIC CLAYS OF HIGH PLASTICITY		
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS		
HIGHLY ORGANIC SOILS			PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS			

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS