



SRK CONSULTING
6260 Neil Road #300
Reno, Nevada 89502
(775) 828-6800

WELL LOG: C-15A

log 77367

PROJECT NAME: ROCKETDYNE: AREA C	BORING NUMBER: C-15A	DRILLING COMPANY: WEST HAZMAT DRILLING
PROJECT NUMBER: 118493	SURFACE ELEVATION: 4916.00	COORDINATES: N 38° 46' 07.0"
LOGGED BY: DANA BROWN		OR LOCATION: W 118° 55' 09.1"
APPROVED BY: DAVE YOHEY		STARTING DATE: 8/28/89
DRILLING METHOD: HOLLOW STEM AUGER	HOLE DIAMETER: 10-Inches	FLUID USED: NONE
		ENDING DATE: 8/28/89

DEPTH (ft)	SAMPLE TYPE	SAMPLE NAME	LITHOLOGY	MATERIAL DESCRIPTION	WELL CONSTRUCTION
0				Silty SAND (SM) Dark yellowish-brown 10YR 4/2, very loose, dry, 10% fine SA-A gravel to 1/4", 70% fine to coarse sand, 20% non to low-plastic fines. High est. K. No odor. Fining downward to >5% fine gravel at 10'.	Steel well vault with locking expansion plug.
5	X	SS-1			4" SCH 40 threaded PVC well casing: 0' - 23'
10	X	SS-2		-Cobbles in sand with caliche cement: 11.2' - 11.35' -Silty SAND (SM), same as above	Type II Portland cement: 0' - 16.8'
15	X	SS-3		Lean CLAY with Sand (CL) Moderate brown 5YR 4/4, stiff, dry to damp. >2% fine A-SA gravel to 1/4", 30% fine sand, 65% high-plastic fines. Very low est. K. No odor. Many caliche veinlets to 1/4".	Hydrated amorphous bentonite: 16.8' - 20.2'
20	X	SS-4		Clayey SAND (SC) Moderate yellowish-brown 10YR 5/4, very stiff, dry. >2% fine SA gravel to 1/4", 65% fine sand, 35% high-plastic fines. Low est. K. No odor. Dense caliche cementation 21' - 24'	
25	X	SS-5		Poortly Graded SAND with Clay (SP-SC) Moderate brown 5YR 3/4, medium dense to loose, damp to wet. >2% fine SA gravel to 3/4", 80% fine to coarse sand, 10% moderate to high-plastic fines. High est. K. No odor.	RMC Lancaster #3 silica sand: 20.2' - 45.5'
30	X	SS-6			4" Factory slotted (0.020" slots) SCH 40 PVC well screen: 23' - 43'
35	X	SS-7		Well Graded SAND (SP) Moderate brown 5YR 3/4, loose, wet. >2% fine SA gravel to 3/8", 95% fine sand, 5% high-plastic fines. High to very high est. K. No odor.	
40	X	SS-8			
45				-Lean CLAY with Sand (CL): 45.5' - 45.7', same as above -Well Graded SAND (SW), same as above	Threaded bottom cap

GROUND WATER ENCOUNTERED: ∇ 28.00 feet	GROUT MATERIAL: Neat Cement	CASING MATERIAL: 4" SCH 40 PVC	TOTAL DEPTH DRILLED: 46.58 feet
GROUND WATER STATIC: ∇ 31.41 feet	SEAL MATERIAL: Hydrated Bentonite	SCREEN SIZE: 0.020"	FIGURE A - 3
	FILTER MATERIAL: #3 Silica Sand		