

**Well Construction Details**

Top of PVC Casing  
Elev. **482.50 ft.**

GROUND SURFACE

BENTONITE-CEMENT SEAL: 0 to 2 ft.

BENTONITE-PELLET SEAL: 2 to 4 ft.

Medium Aquarium SANDPACK: 4 to 31.5 ft.

4" DIA. SCHED. 40 PVC CASING: +2.2 to 6 ft.

8.5" DIA. BOREHOLE: 0 to 31.5 ft.

4" DIA. SLOTTED CASING (0.040"): 6 to 31 ft.

HOLE CLEANED OUT to 31.5 ft.

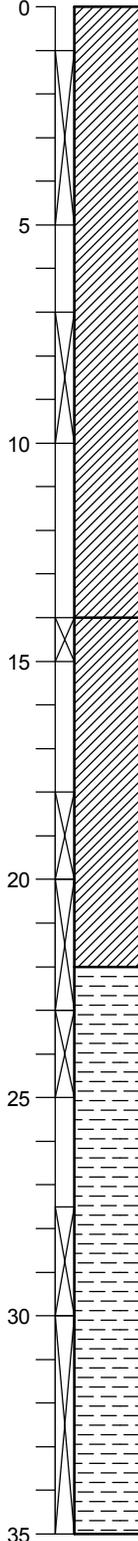
BOTTOM WELL CAP: 31.5 ft.

BENTONITE-PELLET BACKFILL: 31.5 to 35 ft.

Recovery (inches)  
PID Reading (ppm)

0	0
48	
36	0
12	0
24	225
36	135
24	104
30	
60	0

Depth (ft.)  
Sample



Light Olive Brown Lean Clay with Sand (CL) (2.5Y 5/4) Soft, dry, 60% clay, 25% fine sand, 15% silt (Fill)

@ 5 ft.: Oxidation staining throughout

@ 10 ft.: Driller says formation to soft for core recovery from 10-14 ft.

Very Dark Gray Sandy Lean Clay (CL) (5Y 5/1) Soft, wet, 65% clay, 25% fine sand, 10% gravels (Fill)  
@ 15 ft.: Driller pushed from 15 to 20 ft. without air, very soft

Olive Gray Weathered Mudstone, Moderately consolidated, intensely fractured, low hardness, weak, deeply weathered oxide staining throughout

@ 31 - 33 ft.: Oxidation staining along 40° fracture zones

From 31.4 - 35 ft.: Platey bedding fractures

Bottom of boring at 35 ft.

Date 11/30/04  
Driller Air Rotary  
Drilling Method ARCH  
Sampler Continuous Core  
Hammer Weight NA Drop NA  
Logged by \_\_\_\_\_ Datum \_\_\_\_\_  
Surface Elevation 480.29 Hole Dia. 8.5 in.  
Northing 505618.747 Easting 1237384.433

BORING\_WELL2\_CASMALIA.RIFIS.GPJ\_GEOL.GDT 12/13/10

**Well Construction Details and Log of Boring RIMW-03**

Final Remedial Investigation Report  
Casmalia Resources Superfund Site  
Casmalia, California

PLATE

**E9-3**

DRAWN	JOB NUMBER	CHECKED	CHCK'D DATE	APPROVED	APPR'V'D DATE
CN	4088097619	WJF	1/11	WBC	1/11