

Well Construction Details

Top of PVC Casing
Elev. 451.09 ft.

GROUND SURFACE

6.5" DIA.
BOREHOLE: 0 to
65 ft.

2" DIA. SCHED.
40 PVC CASING:
0.7 to 44 ft.

BENTONITE-
CEMENT GROUT
SEAL: 0 to 38 ft.

Recovery
(inches)

PID Reading
(ppm)

6.3

60

0

60

0

54

0

60

0

60

0

60

0

60

Depth (ft.)

Sample

0

5

10

15

20

25

30

35

Date 9/30/04

Driller Air Rotary

Drilling Method ARCH

Sampler Continuous Core

Hammer Weight NA Drop NA

Logged by _____ Datum _____

Surface Elevation 451.74 Hole Dia. 6.5 in.

Northing 504663.203 Easting 1235103.352

Road base
Light Yellowish Brown Gravelly Lean Clay (CL) (2.5Y 6/3) Stiff, dry, 60% clay, 30% siltstone and claystone gravel, 10% silt (Fill)

Light Olive Brown Sandy Lean Clay with Gravel (CL) (2.5Y 5/3) Stiff, dry, 60% clay, 20% fine to coarse sand, 20% siltstone and claystone gravel

Light Olive Brown Sandy Lean Clay (CL) (2.5Y 5/3) Stiff, dry, 65% clay, 30% fine to coarse sand, 5% gravel

@ 11 ft.: Change to light olive brown (2.5Y 5/4), soft, 65% clay, 30% fine to coarse sand, 5% silt

@ 13 ft.: Change to 60% clay, 30% fine to coarse sand, 5% claystone and siltstone gravel, 5% silt

Light Olive Brown Sandy Lean Clay with Gravel (CL) (2.5Y 5/4) Medium stiff, dry, 50% clay, 30% fine to coarse sand, 15% siltstone and claystone gravel, 5% silt (Fill)

@ 21 ft.: 5% soft black subrounded organic debris

@ 23 ft.: Trace roots, plant matter

@ 25.5 ft.: Color change to Dark Gray (5Y 4/1)

@ 28 ft.: Color change to light Olive Brown

@ 29.5 ft.: Iron oxide staining

@ 31 ft.: Change to 45% clay, 30% sand, 20% gravel, 5% silt

@ 32 ft.: Color change to Dark Gray (2.5Y 4/1), mottled with Light Olive Brown (2.5Y 5/4)

BORING_WELL2_CASMALIA.RIFSGPJ_GEOLOGDT_12/13/10

Well Construction Details and Log of Boring RIPZ-05

Final Remedial Investigation Report
Casmalia Resources Superfund Site
Casmalia, California

PLATE

E9-14

DRAWN

JOB NUMBER

CHECKED

CHK'D DATE

APPROVED

APPR'D DATE

CN

4088097619

WJF

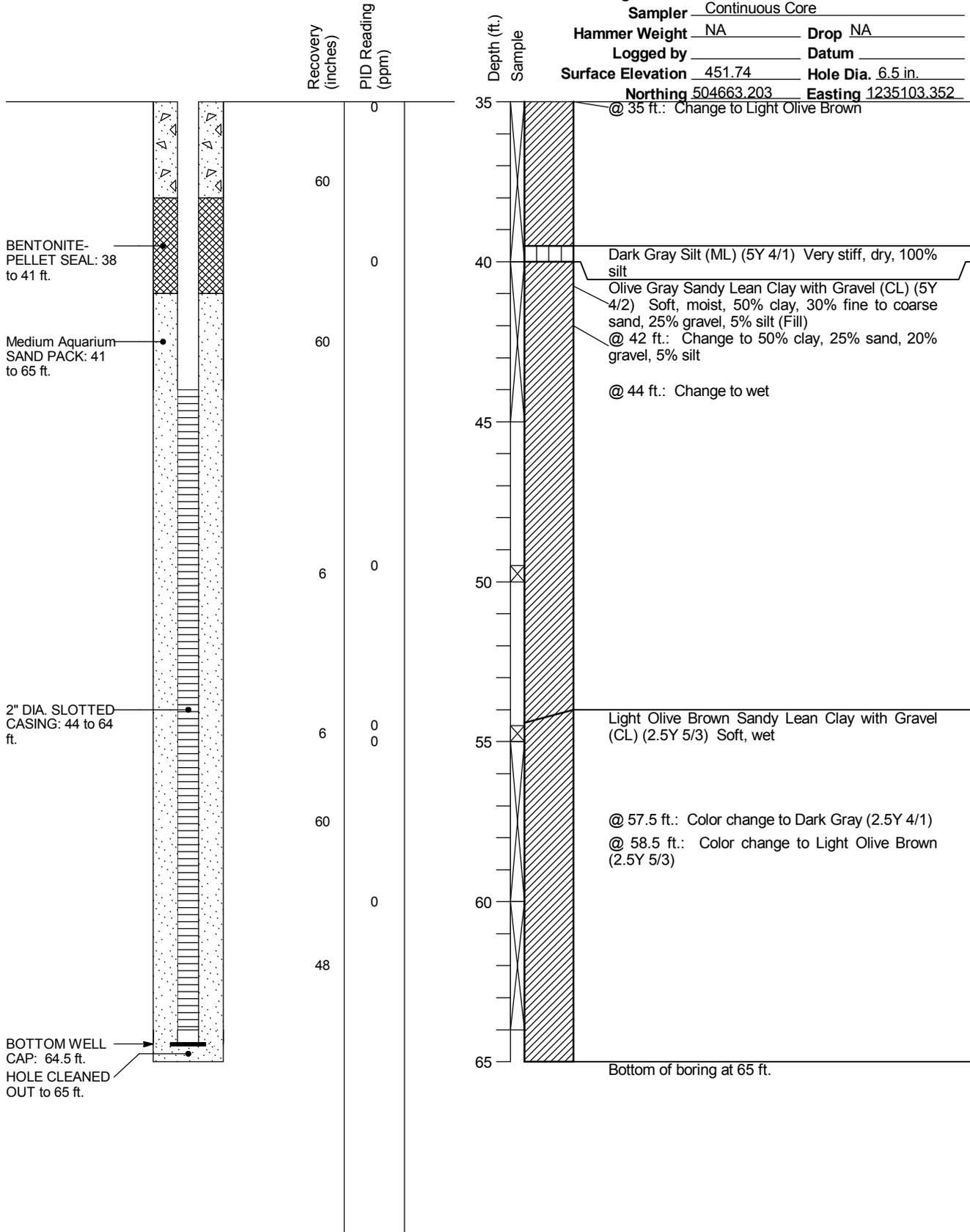
1/11

WBC

1/11

Well Construction Details

Date 9/30/04
 Driller Air Rotary
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BORING - WELL2 CASMALIARIFS.GPJ GEOL.GDT 12/13/10

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CN	4088097619	WJF	1/11	WBC	1/11