

EXPLORATION LOG OW-7R

DCNR/DWR/SNBC
RECEIVED

SEP 17 2013

PROJECT: Site Investigation Western Elite Landfill
 EXPLORATION LOCATION: N:36.97356 W:114.98478
 EXPLORATION SIZE (dia.): 7" O.D. HSA
 ELEVATION: 2,492.8 Feet

PROJECT NO.: 20133247V1
 EXPLORATION DATE: 9/3/13
 EQUIPMENT: Truck Mounted Diedrich D-120
 LOGGED BY: Hansen/Dorris

INITIAL DEPTH TO WATER: 80.0 Feet
 FINAL DEPTH TO WATER: 76.0 Feet

DATE MEASURED: 9/3/13
 DATE MEASURED: 9/3/13

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
2495 0		GM	Brown silty GRAVEL with sand, moist and medium dense.						
2490 5		CL	Medium brown sandy lean CLAY, dry and very stiff.						
2485 10		GM	Brown silty GRAVEL with sand, some cobbles, dry and very dense.						
2480 15		CL	Brown sandy lean CLAY, dry and very stiff.						
2475 20		SM	Brown silty SAND, dry and medium dense. ...some gravel. ...dense.						
2470 25									

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG OW-7R

DCNR/DWR/SNBC
RECEIVED

SEP 17 2013

PROJECT: Site Investigation Western Elite Landfill
EXPLORATION LOCATION: N:36.97356 W:114.98478
EXPLORATION SIZE (dia.): 7" O.D. HSA
ELEVATION: 2,492.8 Feet

PROJECT NO.: 20133247V1
EXPLORATION DATE: 9/3/13
EQUIPMENT: Truck Mounted Diedrich D-120
LOGGED BY: Hansen/Dorris

INITIAL DEPTH TO WATER: 80.0 Feet
FINAL DEPTH TO WATER: 76.0 Feet

DATE MEASURED: 9/3/13
DATE MEASURED: 9/3/13

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>2465</p> <p>30</p> <p>2460</p> <p>35</p> <p>2455</p> <p>40</p> <p>2450</p> <p>45</p> <p>2445</p> <p>50</p> <p>2440</p> </div> <div style="flex: 1; border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;"> </div> </div>	<p>42 41</p> <p>14 32 24</p> <p>17 28 24</p> <p>15 28 19</p> <p>10 15 16</p> <p>14 15 16</p>	<p>GM</p> <p>SP</p> <p>CL</p> <p>SM</p>	<p>Light brown silty GRAVEL with sand, trace cobbles, dry and dense.</p> <p>Light gray poorly graded SAND, dry and dense.</p> <p>Light brown sandy lean CLAY, some cemented nodules, moist to dry, very stiff.</p> <p>Light brown silty SAND, moist and medium dense.</p> <p>...increasing clay fraction in lenses with clean sand (varved deposits).</p>						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG OW-7R

DCNR/DWR/SNBO
RECEIVED

SEP 17 2013

PROJECT: Site Investigation Western Elite Landfill
 EXPLORATION LOCATION: N:36.97356 W:114.98478
 EXPLORATION SIZE (dia.): 7" O.D. HSA
 ELEVATION: 2,492.8 Feet

PROJECT NO.: 20133247V1
 EXPLORATION DATE: 9/3/13
 EQUIPMENT: Truck Mounted Diedrich D-120
 LOGGED BY: Hansen/Dorris

INITIAL DEPTH TO WATER: 80.0 Feet
 FINAL DEPTH TO WATER: 76.0 Feet

DATE MEASURED: 9/3/13
 DATE MEASURED: 9/3/13

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
	<p>11 10 20</p> <p>38 37 50/4</p> <p>38 50/4</p> <p>50/4</p> <p>10 16 19</p> <p>12 23 30</p>	<p>SP</p> <p>GW- GM</p> <p>SM</p> <p>SC</p>	<p>Medium brown poorly graded SAND, moist and dense.</p> <p>Dark brown well graded GRAVEL with silt and sand, moist and very dense.</p> <p>Brown silty SAND, moist to wet and medium dense. ...layers of sandy lean clay.</p> <p>Brown clayey SAND, moist and dense.</p>						

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.

EXPLORATION LOG OW-7R

DCNR/DWR/SNBO
RECEIVED

SEP 17 2013

PROJECT: Site Investigation Western Elite Landfill
EXPLORATION LOCATION: N:36.97356 W:114.98478
EXPLORATION SIZE (dia.): 7" O.D. HSA
ELEVATION: 2,492.8 Feet

PROJECT NO.: 20133247V1
EXPLORATION DATE: 9/3/13
EQUIPMENT: Truck Mounted Diedrich D-120
LOGGED BY: Hansen/Dorris

INITIAL DEPTH TO WATER: 80.0 Feet
FINAL DEPTH TO WATER: 76.0 Feet

DATE MEASURED: 9/3/13
DATE MEASURED: 9/3/13

ELEVATION/ DEPTH	SOIL & SAMPLE SYMBOLS	USCS	DESCRIPTION	PI	LL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	Pocket Penetrometer (tsf)	WELL CONSTRUCTION
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p>2410</p> <p>85</p> <p>2405</p> <p>90</p> <p>2400</p> <p>95</p> <p>2395</p> <p>100</p> <p>2390</p> <p>105</p> <p>2385</p> <p>110</p> </div> <div style="flex: 1; border-left: 1px solid black; border-right: 1px solid black; padding: 5px;"> </div> </div>									
		SP	Dark brown poorly graded SAND with trace gravel, wet and medium dense.						
		CL	Light brown sandy lean CLAY, cemented clay nodules, wet and very stiff.						
		SP	Dark brown poorly graded SAND, wet and medium dense.						
		CL	Light brown sandy lean CLAY, wet and very stiff.						
		END OF BORING AT 95.0 FEET							

The descriptions contained within this exploration log apply only at the specific exploration location and at the time the exploration was made. It is not intended to be representative of subsurface conditions at other locations or times.