

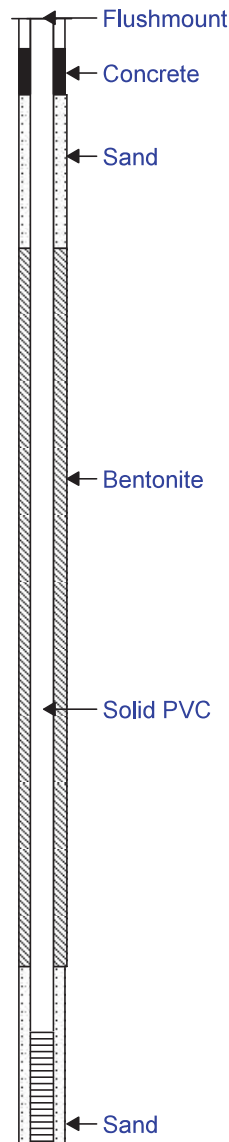
Borehole Log: MW-11-B

Project No: [REDACTED]

Project: 137 Frank Trail, Yukon, BC

Client: Suncor Energy Products Partnership

Logged By: [REDACTED]

| SUBSURFACE PROFILE | | | | SAMPLE | | | | | Well Completion Details |
|--------------------|--------|--|----------------|------------|------------|-----------|--------|--------------------------------------|--|
| Depth | Symbol | Description | Blow count/ft. | Sample No. | % Recovery | Duplicate | Type | Vapour ppm 200 600 1000 1400 1800 | |
| 0 | | Ground Surface | | | | | | |  |
| 0-1 | ● | Sand and Gravel Fine to coarse sand, some cobbles, brown, loose, moist. Hydrovac to 1.8 m bgs. Auger refusal at 2.6 m bgs. | | 1 | | | G 15 x | | |
| 1-2 | ● | | | 2 | | | G 10 x | | |
| 2-3 | ● | | | 3 | | | G 10 x | | |
| 3-4 | ● | | | B-1 | 35 | | G 25 x | | |
| 4-5 | ● | | | | | | | | |
| 5-6 | ● | | | | | | | | |
| 6-7 | ● | slight HC-like odour between 6.1 and 6.7 m bgs | | B-2 | 50 | | 10 x | | |
| 7-8 | ● | | | | | | | | |
| 8-9 | ● | | | | | | | | |
| 9-10 | ● | | | | | | | | |
| 10-11 | ● | | | | | | | | |
| 11-12 | ● | | | B-3 | 20 | | 0 x | | |
| 12-13 | ● | | | | | | | | |
| 13-14 | ● | | | | | | | | |
| 14-15 | ● | | | | | | | | |
| 15-16 | ● | | | B-4 | 60 | DUP1 | 10 x | | |
| 16-17 | ● | | | | | | | | |
| 17-18 | ● | | | | | | | | |
| 18-19 | ● | | | | | | | | |
| 19-20 | ● | | | B-5 | 35 | | 210 x | | |
| 20-21 | ● | | 74 | | | | | | |
| 21-22 | ● | | | | | | | | |
| 22-23 | ● | | | | | | | | |
| 23-24 | ● | | 35 | B-6 | 60 | | | 1100 x | |

Drilled By: Redde Pressure Test Ltd. and Geotech Drilling Services Ltd.

Hole Diameter: 4"(ODEX)-12"

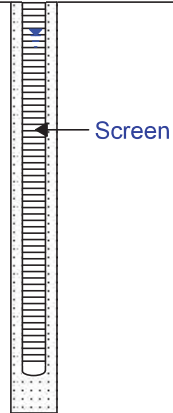
Drill Method: Hydrovac& Hollow Stem Auger&Air Rotary-Split-spoon sampling

Well Diameter: 2"

Drill Date: March 08, 2011

Sheet: 1 of 2

| SUBSURFACE PROFILE | | | | SAMPLE | | | | | Well Completion Details |
|--------------------|--------|--|----------------|------------|------------|-----------|---------|--------------------------------------|-------------------------|
| Depth | Symbol | Description | Blow count/ft. | Sample No. | % Recovery | Duplicate | Type | Vapour ppm 200 600 1000 1400 1800 | |
| 25 | 8 | Sand Fine to medium sand, trace gravel, some cobbles, grey brown, loose, moist. Strong HC-like odour between 6.7 -9.7 m bgs. | 42 | B-7 | 50 | | 5 x | | |
| 26 | | | 104 | B-8 | 10 | | | | |
| 27 | | | | | | | | | |
| 28 | 9 | Sand and Gravel Fine to coarse sand, some cobbles, grey, loose, wet | | | | | 15 x | | |
| 29 | | | | | | | | | |
| 30 | 10 | Hydrocarbon-like sheen observed at 7.32-7.92 m bgs. | 63 | B-9 | | | | | |
| 31 | | | | | | | | | |
| 32 | | End of Borehole | | | | | | | |
| 33 | | | | | | | | | |
| 34 | | | | | | | | | |
| 35 | | | | | | | | | |
| 36 | 11 | | | | | | | | |
| 37 | | | | | | | | | |
| 38 | | | | | | | | | |
| 39 | 12 | | | | | | | | |
| 40 | | | | | | | | | |
| 41 | | | | | | | | | |
| 42 | | | | | | | | | |
| 43 | 13 | | | | | | | | |
| 44 | | | | | | | | | |
| 45 | | | | | | | | | |
| 46 | 14 | | | | | | | | |
| 47 | | | | | | | | | |
| 48 | | | | | | | | | |



Drilled By: Redde Pressure Test Ltd. and Geotech Drilling Services Ltd.

Hole Diameter: 4"(ODEX)-12"

Drill Method: Hydrovac& Hollow Stem Auger&Air Rotary-Split-spoon sampling

Well Diameter: 2"

Drill Date: March 08, 2011

Sheet: 2 of 2