

Log of Monitoring Well: MW15-6



Project Name/No: Stage 1 & 2 PSI and DSI / 448-096.04

Drilling Company: Mud Bay Drilling Co Ltd.

Client: Chevron Canada Limited

Drilling Method: 6" Solid Stem Auger

Date Drilled: October 15/16, 2015

Logged by: JC/MB

Site Location: 21615 Fraser Highway, Langley, BC

Sheet: 1 of 2

| SUBSURFACE PROFILE | | | SAMPLE | | | | | Backfill details | |
|--------------------|--------|--|----------------|-----------|--------------|-------------|------------|------------------|-------|
| Depth | Symbol | Description | Depth/Elev (m) | Sample ID | Analysed Y,N | Sample Type | Vapour ppm | | LEL % |
| | | | | | | | 0 250 500 | 0 50 100 | |
| 0 | | Ground Surface | 99.90 | | | | | | |
| 0 | | FILL Sand, fine to coarse grained, Gravel (fine to coarse, rounded to subrounded), Silt, trace cobbles, dark brown, 'dense', moist | 0.00 | | | | | | |
| 1 | | | 99.44 | 6-1 (6-2) | Y | G | 50 | | |
| 2 | | CLAY Some silt, grey with brown mottling, 'stiff', blocky, moist. | 0.46 | | | | | | |
| 3 | | | | 6-3 | N | G | 50 | | |
| 4 | | | | | | | | | |
| 5 | | | | 6-4 | N | G | 55 | | |
| 6 | | Less silt with depth | | | | | | | |
| 7 | | | | | | | | | |
| 8 | | | 97.46 | 6-5 | N | G | 35 | | |
| 9 | | 'Medium stiff', very plastic | 2.44 | | | | | | |
| 10 | | | | 6-6 | N | S | 5 | | |
| 11 | | | | | | | | | |
| 13 | | Increasingly 'soft' with depth | | 6-7 | N | S | 0 | | |
| 14 | | From 4.27-5.33 m there are dense clay inclusions (0.5-1 cm in diameter) | | | | | | | |
| 15 | | 'Very soft', wet | | | | | | | |
| 16 | | | | 6-8 (6-9) | N | S | 0 | | |
| 17 | | | | | | | | | |
| 18 | | | | | | | | | |

| | | |
|---|---|---|
| Well location: Southern part of Site | Well casing diameter: 0.05 m | Depth of well (TOC): a: 1.461 m, b: 5.247 m |
| Depth to water level (TOC): a: 0.519 m, b: 1.503 m | Well casing material: Schedule 40 PVC | Well Elevation (TOC): a: 99.804 m, b: 99.808 m |
| Date of water level: October 28, 2015 | Well screen slot size: 10 Slot | Ground Elevation: 99.898 m |
| Borehole diameter: 0.15 m | Well screen interval (bgs): a: 0.5 - 1.5 m, b: 3.7 - 5.2 m | |

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| Depth | Symbol | Description | Depth/Elev (m) | Sample ID | Analysed Y,N | Sample Type | Vapour ppm | |
| | | | | | | | 0 250 500 | 0 50 100 |
| 19 | 6 | 'Very soft' and wet | | 6-10 | N | | 0 | |
| 20 | | | | | | | | |
| 21 | | | | 6-11 | N | | 0 | |
| 22 | | | | | | | | |
| 23 | 7 | | | | | | | |
| 24 | | | | 6-12 | N | | 0 | |
| 25 | | | | | | | | |
| 26 | 8 | | | 6-13 (6-14) | N | | 0 | |
| 27 | | | | | | | | |
| 28 | | | | | | | | |
| 29 | 9 | | | 6-15 | N | | 0 | |
| 30 | | | 90.75 9.14 | | | | | |
| 31 | | End of Log | | | | | | |
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| 33 | 10 | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |
| 36 | | | | | | | | |

| | | |
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