

MONITORING WELL ID: 4KMW11-4



Project Location: Watson Lake Airport, Yukon
Drilling Contractor: Uniwide Drilling Company Ltd.
Drilling Equipment/Method: Solid and Hollow Stem Augers
Well Location: South of South Central Edge of AEC 4 Landfill Cover

Project Name/No.: Watston Lake Airport AEC 4
Client: PWGSC
Engineer/Geologist: [Redacted]
Drill Date: September 18, 2011 **Page:** 1 of 2

| Depth (ft/m) | Symbol | Soil / Sediment Description | Sample Type | % Recovery | Sample Analyzed (Y,N) | Sample ID | Headspace (GasTech) | | Well Construction | Remarks |
|--------------|--------|---|-------------|------------|-----------------------|-----------|----------------------|-------------------------|-------------------|---------|
| | | | | | | | ppm 0 100 300 500 | LEL in % 0 20 60 100 | | |
| 0 | | Ground Surface | | | | | | | | |
| 0 - 10 | | SAND and GRAVEL Brown-grey, medium SAND and coarse boulder GRAVEL. Moist, loose, no plasticity and odours and staining were not observed. Slight reddish-brown colour at 3.0 mbg.. | | | | | | | Stick Up Cover | |
| 10 - 15.295 | | SAND and GRAVEL Brown, fine to medium SAND with trace silt and coarse boulder GRAVEL. Difficult drilling. Moist, densely packed, no plasticity and odours and staining were not observed. | | | | | | | Bentonite Seal | |
| 15.295 - 27 | | | | | | | | | Backfill Sand | |

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| Date of Water Level: September 19, 2011 Water Level (from TOC): 13.775 m | Well-Borehole Diameter: 22 cm Well Casing Diameter: 5 cm Well Casing Material: PVC Well Screen Slot Size: 10 | Depth of Well (TOC): 15.295 m |
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| | | | | | | | ppm 0 100 300 500 | LEL in % 0 20 60 100 | | |
| 28 | | | | | | | | | | |
| 29 | 9 | | | | | | | | | |
| 30 | | | | | | | | | | |
| 31 | | | | | | | | | | |
| 32 | | | | | | | | | | |
| 33 | 10 | | | | | | | | | |
| 34 | | | | | | | | | | |
| 35 | | | | | | | | | | |
| 36 | 11 | | | | | | | | | |
| 37 | | SAND | | | | | | | | |
| 38 | | Brown-grey, medium SAND with some fine gravel. Moist, dense, no plasticity and odours and staining were not observed. | | | | | | | | |
| 39 | 12 | | | | | | | | | |
| 40 | | | | | | | | | | |
| 41 | | | | | | | | | | |
| 42 | 13 | | | | | | | | | |
| 43 | | SAND and GRAVEL | | | | | | | | |
| 44 | | Brown-grey, fine to coarse SAND with some coarse cobbly and boulder GRAVEL as from 3.0 to 11.3 m. Moist, dense, no plasticity and odours and staining were not observed. | | | | | | | | |
| 45 | | Wet@ 14.9 mbg | | | | | | | | |
| 46 | 14 | | | | | | | | | |
| 47 | | | | | | | | | | |
| 48 | | End of Hole | | | | | | | | |
| 49 | 15 | | | | | | | | | |
| 50 | | | | | | | | | | |
| 51 | | | | | | | | | | |
| 52 | 16 | | | | | | | | | |
| 53 | | | | | | | | | | |
| 54 | | | | | | | | | | |
| 55 | | | | | | | | | | |
| 56 | 17 | | | | | | | | | |
| 57 | | | | | | | | | | |

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