

PROJECT No.: 11-1436-0073 (2200)

RECORD OF MONITORING WELL: KE-MW12-01

SHEET 1 OF 4
DATUM: Local

CLIENT: Yukon Government Community Services
PROJECT: Yukon Landfill Assessment
LOCATION: Keno City Solid Waste Facility

DRILLING DATE: July 23, 2012
DRILLING CONTRACTOR: Midnight Sun Drilling

N: -7086924.68 E: -484237.37
Note: Northing and Easting Coordinates have been determined by GPS in the field and are approximate only.

| DEPTH SCALE METRES | BORING METHOD | SOIL PROFILE | | SAMPLES | | | | WATER CONTENT PERCENT | | | | ADDITIONAL LAB. TESTING | PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION | |
|--------------------|---|--|-------------|-----------------|--------|------|------------|-----------------------|-----------------|----|---|-------------------------|--|-----------------|
| | | DESCRIPTION | STRATA PLOT | ELEV. DEPTH (m) | NUMBER | TYPE | BLOWS/0.3m | CORE No. | CORE RECOVERY % | Wp | W | | | WI |
| 0 | MS Driltech Truck Mounted Auger Drill Rig Air Rotary | Ground Surface | | 0.00 | | | | | | | | | | Stickup = 0.96m |
| | | (SM) SILTY SAND, some gravel, dark brown, wet. | | | | | | | | | | | | |
| | | (GW-SW) GRAVEL and SAND, some silt, dark brown, moist. | | 0.30 | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | BEDROCK, dark grey, dry. | | 3.96 | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | Bentonite Seal |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |

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DEPTH SCALE

1 : 50



LOGGED: AB

CHECKED: **DRAFT**

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PROJECT No.: 11-1436-0073 (2200)


RECORD OF MONITORING WELL: KE-MW12-01

SHEET 2 OF 4
DATUM: Local

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| DEPTH SCALE METRES | BORING METHOD | SOIL PROFILE | | | SAMPLES | | | | PID ppm | | WATER CONTENT PERCENT Wp ----- W ----- Wi | ADDITIONAL LAB. TESTING | PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION | | |
|--------------------|--|--------------------------------------|--|-----------------|---------|------|------------|----------|-----------------|---|--|-------------------------|--|----|----|
| | | DESCRIPTION | STRATA PLOT | ELEV. DEPTH (m) | NUMBER | TYPE | BLOWS/0.3m | CORE No. | CORE RECOVERY % | 5 | | | | 10 | 15 |
| 10 | M6 Drilltech Truck Mounted Auger Drill Rig Air Rotary | BEDROCK, dark grey, dry. (continued) |  | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | |
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DEPTH SCALE
1 : 50



LOGGED: AB
CHECKED: **DRAFT**

Bentonite Seal

PROJECT No.: 11-1436-0073 (2200)

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SHEET 3 OF 4
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 DRILLING CONTRACTOR: Midnight Sun Drilling

N: ~7086924.68 E: ~484237.37
 Note: Northing and Easting Coordinates have been determined by GPS in the field and are approximate only.

| DEPTH SCALE METRES | BORING METHOD | SOIL PROFILE | | SAMPLES | | | PID ppm | | WATER CONTENT PERCENT | | ADDITIONAL LAB. TESTING | PIEZOMETER, STANDPIPE OR THERMISTOR INSTALLATION | |
|--------------------|--|--------------------------------------|-------------------|-----------------|--------|------|------------|----------|-----------------------|----|-------------------------|--|-----------------------|
| | | DESCRIPTION | STRATA PLOT | ELEV. DEPTH (m) | NUMBER | TYPE | BLOWS/0.3m | CORE No. | CORE RECOVERY % | Wp | | | WI |
| 20 | M5 Drilltech Truck Mounted Auger Drill Rig Air Rotary | BEDROCK, dark grey, dry. (continued) | [Hatched Pattern] | | | | | | | | | | |
| 21 | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | Bentonite Seal |
| 25 | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | 10/20 Silica Sand |
| 29 | | | | | | | | | | | | | 51mm Slotted PVC Pipe |
| 30 | | | | | | | | | | | | | |
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DEPTH SCALE

1 : 50



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|-----------------------|---------------|--------------------------------------|-------------|-----------------------|--------|------|------------|----------|--------------------|-----|-----------------------|----------------------------|--|--------------------------|
| | | DESCRIPTION | STRATA PLOT | ELEV. DEPTH (m) | NUMBER | TYPE | BLOWS/0.3m | CORE No. | CORE RECOVERY % | ppm | | | | ppm |
| 30 | Air Rotary | BEDROCK, dark grey, dry. (continued) | | | | | | | | | | | | 51mm Slotted PVC Pipe |
| 31 | | | | | | | | | | | | | | |
| | | End of Monitoring Well. | | 31.39 | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | |
| 33 | | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | |
| 35 | | | | | | | | | | | | | | |
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| 37 | | | | | | | | | | | | | | |
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| 40 | | | | | | | | | | | | | | |

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DEPTH SCALE
1 : 50



LOGGED: AB
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