

**APPENDIX D**

**Borehole and Monitoring Wells  
Logs**

## LIST OF APPLICABLE ABBREVIATIONS

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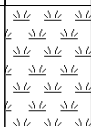
|         |   |
|---------|---|
| ▽       | GROUNDWATER LEVEL   |
| %LEL    | LOWER EXPLOSIVE LIMIT   |
| µS/cm   | MICROSIEMENS PER CENTIMETRE                                     |
| 1,2-DBA | 1,2-DIBROMOETHANE   |
| 1,2-DCA | 1,2-DICHLOROETHANE  |
| ARS     | AIR RETURN SAMPLE   |
| As      | ARSENIC   |
| AS      | AUGER SAMPLE  |
| B-hws   | BORON, HOT WATER SOLUBLE  |
| Ba      | BARIUM  |
| Bsp     | SATURATED PASTE BORON   |
| B       | BENZENE   |
| T       | TOLUENE   |
| E       | ETHYLBENZENE  |
| X       | XYLENES   |
| Cr      | CHROMIUM  |
| CS      | CORE SAMPLE   |
| Cu      | COPPER  |
| DP      | DIRECT PUSH   |
| dS/m    | DECISIEMENS PER METRE   |
| EC      | ELECTRICAL CONDUCTIVITY   |
| EPH     | EXTRACTABLE PETROLEUM HYDROCARBONS                              |
| ELEV.   | ELEVATION   |
| F1-F4   | PETROLEUM HYDROCARBON FRACTION 1 TO FRACTION 4                  |
| FOC     | FRACTION ORGANIC CARBON   |
| GS      | GRAB SAMPLE   |
| HEPH    | HEAVY EXTRACTABLE PETROLEUM HYDROCARBONS                        |
| LEPH    | LIGHT EXTRACTABLE PETROLEUM HYDROCARBONS                        |
| m       | METRE   |
| mg/L    | MILLIGRAMS PER LITRE  |
| maid    | METRES ABOVE LOCAL DATUM  |
| mard    | METRES ABOVE RELATIVE DATUM                                     |
| masl    | METRES ABOVE SEA LEVEL  |
| mS/cm   | MILLISIEMENS PER CENTIMETRE                                     |
| MTBE    | METHYL TERT-BUTYL ETHER   |
| mTPH    | MODIFIED TOTAL PETROLEUM HYDROCARBONS                           |
| n/a     | NOT APPLICABLE  |
| NA      | NOT AVAILABLE   |
| NBN     | SEGREGATED ICE IS NON-VISIBLE, WELL BONDED, WITH NO EXCESS ICE. |
| OVM     | ORGANIC VAPOUR MONITOR  |
| PAH     | POLYCYCLIC AROMATIC HYDROCARBONS                                |
| Pb      | LEAD  |
| PCB     | POLYCHLORINATED BIPHENYL  |
| pH      | CaCl (2:1) WET pH   |
| PHC     | PETROLEUM HYDROCARBONS  |
| PJ      | PION JAR  |
| ppmv    | PARTS PER MILLION BY VOLUME                                     |
| RC      | ROCK CORE   |
| SAL     | SALINITY  |
| SC      | SOIL CORE   |
| SPT     | STANDARD PENETRATION TEST                                       |
| Sr      | STRONTIUM   |
| SS      | SPLIT SPOON   |
| ST      | STYRENE   |
| USCS    | UNIFIED SOIL CLASSIFICATION SYSTEM                              |
| VPH     | VOLATILE PETROLEUM HYDROCARBONS                                 |
| VOC     | VOLATILE ORGANIC COMPOUNDS                                      |
| w<PL    | MATERIAL IS ESTIMATED TO BE DRIER THAN THE PLASTIC LIMIT        |
| w~PL    | MATERIAL IS ESTIMATED TO BE CLOSE TO THE PLASTIC LIMIT          |
| w>PL    | MATERIAL IS ESTIMATED TO BE WETTER THAN THE PLASTIC LIMIT       |
| WS      | WET SAMPLE  |
| Zn      | ZINC  |

# RECORD OF BOREHOLE: BH22-01

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 07, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677808.8 m E: 495825.7 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m)      | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE   |      |   | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|----------------|-----------|-------------------------------|--|------|---|-------------------|------|-------|-------|-------------|-------------|------------------|------------------------|--------------------------|---------|
|                |           |                               | DESCRIPTION  | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                        |                          | EC dS/m |
| 0.00           | MarlMST   | Direct Push - 50-mm Hole Dia. | (PT) PEAT; black; cohesive, w ~ PL, very soft, Rootlets. | PT   |  | 0.00              | DP   | 50    |       |             |             |                  |                        |                          |         |
| 0.20 to 0.42 m |           |                               | Frozen   |      |   |                   |      |       |       |             |             |                  |                        |                          |         |
| 0.42 m         |           |                               | End of hole at 0.42 m. Target Depth                      |      |   |                   |      |       |       |             |             |                  |                        |                          |         |
| 1.00           |           |                               |  |      |   |                   |      |       |       |             |             |                  |                        |                          |         |
| 2.00           |           |                               |  |      |   |                   |      |       |       |             |             |                  |                        |                          |         |
| 3.00           |           |                               |  |      |   |                   |      |       |       |             |             |                  |                        |                          |         |
| 4.00           |           |                               |  |      |   |                   |      |       |       |             |             |                  |                        |                          |         |
| 5.00           |           |                               |  |      |   |                   |      |       |       |             |             |                  |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 07, 2022  
 DATE: Nov 15, 2022

REV: A

# RECORD OF BOREHOLE: BH22-03

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 07, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677824.1 m E: 495875.7 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                              | DRILL METHOD | MATERIAL PROFILE   |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ENVIRO DATA              | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|-----------|--|--------------|--|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|--------------------------|------------------------|--------------------------|---------|
|           |  |              | DESCRIPTION  | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                          |                        |                          | EC dS/m |
|           | MiniMST<br>Direct Push - 50mm Hole Dia |              | (PT) PEAT; black; cohesive, w ~ PL, very soft, Rootlets.                             | PT   |             | 0.00              | DP   | 100   |       |             | ⊕           | ▽                | BH22-03-02<br>BTEX F1-F4 |                        |                          |         |
|           |  |              | (ML) sandy SILT, non plastic, fine sand; dark brown; cohesive, w ~ PL, hard, Frozen. | ML   |             | 0.38              |      |       |       |             | ⊕           | ▽                |                          |                        |                          |         |
| 1         |  |              | End of hole at 0.48 m.<br>Target Depth   |      |             |                   |      |       |       |             |             |                  |                          |                        |                          |         |
| 2         |  |              |  |      |             |                   |      |       |       |             |             |                  |                          |                        |                          |         |
| 3         |  |              |  |      |             |                   |      |       |       |             |             |                  |                          |                        |                          |         |
| 4         |  |              |  |      |             |                   |      |       |       |             |             |                  |                          |                        |                          |         |
| 5         |  |              |  |      |             |                   |      |       |       |             |             |                  |                          |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 07, 2022  
 DATE: Nov 15, 2022


REV:  
A

# RECORD OF BOREHOLE: BH22-04

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 07, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677831.0 m E: 495898.8 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m)      | DRILL RIG | DRILL METHOD                 | MATERIAL PROFILE   |      |   | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ENVIRO DATA | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|----------------|-----------|------------------------------|--|------|---|-------------------|------|-------|-------|-------------|-------------|------------------|-------------|------------------------|--------------------------|---------|
|                |           |                              | DESCRIPTION  | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |             |                        |                          | EC dS/m |
| 0.00           | MarlMST   | Direct Push - 50-mm Hole Dia | (PT) PEAT; black; cohesive, w ~ PL, very soft, Rootlets. | PT   |  | 0.00              | DP   | 100   |       |             |             |                  |             |                        |                          |         |
| 0.47 to 0.48 m |           |                              | Frozen   |      |   |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 0.48 m         |           |                              | End of hole at 0.48 m. Target Depth                      |      |   |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 1.00           |           |                              |  |      |   |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 2.00           |           |                              |  |      |   |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 3.00           |           |                              |  |      |   |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 4.00           |           |                              |  |      |   |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 5.00           |           |                              |  |      |   |                   |      |       |       |             |             |                  |             |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 07, 2022  
 DATE: Nov 15, 2022

REV: A



# RECORD OF BOREHOLE: BH22-06

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 07, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677850.5 m E: 495957.8 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                                  | DRILL METHOD | MATERIAL PROFILE   |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|-----------|--|--------------|--|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|------------------------|--------------------------|---------|
|           |  |              | DESCRIPTION  | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                        |                          | EC dS/m |
|           | MiniMST<br>Direct Push - 50mm<br>Hole Dia. |              | (PT) PEAT; black; cohesive, w ~ PL, very soft, Rootlets.                     | PT   |             | 0.00              | DP   | 100   |       |             |             | 0<br>100<br>1000 | 1<br>2<br>3<br>4       | BH22-06-02<br>BTEX F1-F4 |         |
|           |  |              | (SM) SILTY SAND, fine; tannish brown; non-cohesive, w ~ PL, dense, Rootlets. | SM   |             | 0.10              |      |       |       |             |             |                  |                        |                          |         |
|           |  |              | 0.47 to 0.48 m: Frozen   |      |             |                   |      |       |       |             |             |                  |                        |                          |         |
|           |  |              | End of hole at 0.48 m.<br>Target Depth                                       |      |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 1         |  |              |  |      |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 2         |  |              |  |      |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 3         |  |              |  |      |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 4         |  |              |  |      |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 5         |  |              |  |      |             |                   |      |       |       |             |             |                  |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 07, 2022  
 DATE: Nov 15, 2022

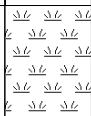
REV:  
A

# RECORD OF BOREHOLE: BH22-07

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 07, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677866.9 m E: 496011.4 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE   |      |   | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING   | GROUNDWATER OBSERVATIONS |
|-----------|-----------|-------------------------------|--|------|---|-------------------|------|-------|-------|-------------|-------------|------------------|--------------------------|--------------------------|
|           |           |                               | DESCRIPTION  | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                          |                          |
|           | MiniM5T   | Direct Push - 50-mm Hole Dia. | (PT) PEAT; black; cohesive, w ~ PL, very soft, Rootlets. | PT   |  | 0.00              | DP   | 74    |       |             | ⊕           | ▽                | BH22-07-01<br>BTEX F1-F4 |                          |
|           |           |                               | End of hole at 0.38 m.<br>Target Depth                   |      |   |                   |      |       |       |             |             |                  |                          |                          |
| 1         |           |                               |  |      |   |                   |      |       |       |             |             |                  |                          |                          |
| 2         |           |                               |  |      |   |                   |      |       |       |             |             |                  |                          |                          |
| 3         |           |                               |  |      |   |                   |      |       |       |             |             |                  |                          |                          |
| 4         |           |                               |  |      |   |                   |      |       |       |             |             |                  |                          |                          |
| 5         |           |                               |  |      |   |                   |      |       |       |             |             |                  |                          |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 07, 2022  
 DATE: Nov 15, 2022

REV:  
A



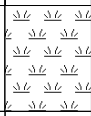



# RECORD OF BOREHOLE: BH22-08

Sheet 1 of 1

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 07, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677877.7 m E: 496041.1 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE   |      |   | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |   | ENVIRO DATA   | ADDITIONAL LAB TESTING  | GROUNDWATER OBSERVATIONS |         |
|-----------|-----------|-------------------------------|--|------|---|-------------------|------|-------|-------|-------------|-------------|---|---|---|--------------------------|---------|
|           |           |                               | DESCRIPTION  | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv  |   |   |                          | EC dS/m |
|           | Mari MST  | Direct Push - 50 mm Hole Dia. | (PT) PEAT; black; cohesive, w ~ PL, very soft, Rootlets.<br>- 0.25 to 0.35 m: Frozen | PT   |  | 0.00              | DP   | 91    |       |             |             |  |  |  | BH22-08-01<br>BTEX F1-F4 |         |
|           |           |                               | End of hole at 0.35 m.<br>Target Depth   |      |   |                   |      |       |       |             |             |   |   |   |                          |         |
| 1         |           |                               |  |      |   |                   |      |       |       |             |             |   |   |   |                          |         |
| 2         |           |                               |  |      |   |                   |      |       |       |             |             |   |   |   |                          |         |
| 3         |           |                               |  |      |   |                   |      |       |       |             |             |   |   |   |                          |         |
| 4         |           |                               |  |      |   |                   |      |       |       |             |             |   |   |   |                          |         |
| 5         |           |                               |  |      |   |                   |      |       |       |             |             |   |   |   |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 07, 2022  
 DATE: Nov 15, 2022

REV:



A

# RECORD OF BOREHOLE: BH22-10

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 13, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677892.6 m E: 496095.4 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                                | DRILL METHOD | MATERIAL PROFILE                                       |      |   | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |   |         |             | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |     |     |     |     |                          |  |
|-----------|--|--------------|--|------|---|-------------------|------|-------|-------|-------------|---|---------|-------------|------------------------|--------------------------|-----|-----|-----|-----|--------------------------|--|
|           |  |              | DESCRIPTION  | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE   | EC dS/m | Hexane ppmv |                        |                          |     |     |     |     |                          |  |
|           | Marl M6T<br>Direct Push - 50-mm Hole Dia |              | (PT) PEAT; dark brown; cohesive, w ~ PL, soft, Frozen. | PT   |  | 0.00              | DP   | 100   |       |             |  | 1       | 2           | 3                      | 4                        | 100 | 200 | 300 | 400 | BH22-10-01<br>BTEX F1-F4 |  |
|           |  |              | Ice.   |      |   | 0.30              |      |       |       |             |   |         |             |                        |                          |     |     |     |     |                          |  |
|           |  |              | End of hole at 0.50 m.<br>Target Depth                 |      |   |                   |      |       |       |             |   |         |             |                        |                          |     |     |     |     |                          |  |
| 1         |  |              |  |      |   |                   |      |       |       |             |   |         |             |                        |                          |     |     |     |     |                          |  |
| 2         |  |              |  |      |   |                   |      |       |       |             |   |         |             |                        |                          |     |     |     |     |                          |  |
| 3         |  |              |  |      |   |                   |      |       |       |             |   |         |             |                        |                          |     |     |     |     |                          |  |
| 4         |  |              |  |      |   |                   |      |       |       |             |   |         |             |                        |                          |     |     |     |     |                          |  |
| 5         |  |              |  |      |   |                   |      |       |       |             |   |         |             |                        |                          |     |     |     |     |                          |  |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 13, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-11

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 13, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677862.5 m E: 496084.4 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                        | MATERIAL PROFILE  |      |               | SAMPLING ACTIVITY |      |       |         | ENVIRO DATA |             | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |                          |
|-----------|-----------|-------------------------------------|---|------|---------------|-------------------|------|-------|---------|-------------|-------------|------------------------|--------------------------|--------------------------|
|           |           |                                     | DESCRIPTION   | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS   | N-VALUE     | SOIL SAMPLE |                        |                          | EC dS/m                  |
| 1         | Marl MST  | Direct Push - 50-mm Hole Dia.       | (SW) SAND and GRAVEL, well graded; dark brown; non-cohesive, moist, compact.                          | SW   | [Strata Plot] | 0.00              | DP   | 100   | [Blows] | [N-Value]   | 1           | [EC]                   | [Hexane]                 |                          |
|           |           |                                     | (PT) PEAT; cohesive, w ~ PL, soft, Frozen.  | PT   | [Strata Plot] | 0.10              |      |       |         |             | 2           | [EC]                   |                          |                          |
|           |           |                                     | (SW) SAND, fine to medium, well graded, trace gravel; pale brown; non-cohesive, moist, loose, Frozen. | SW   | [Strata Plot] | 0.40              |      |       |         |             | 3           | [EC]                   |                          |                          |
|           |           |                                     | Ice.  |      |               | 1.10              |      |       |         |             | 4           | [EC]                   |                          |                          |
| 2         |           | Solid Stem Auger - 102-mm Hole Dia. | End of hole at 2.00 m.<br>Target Depth  |      |               |                   | AS   | 100   |         |             |             |                        | BH22-11-01<br>BTEX F1-F4 | BH22-11-02<br>BTEX F1-F4 |
| 3         |           |                                     |   |      |               |                   |      |       |         |             |             |                        |                          |                          |
| 4         |           |                                     |   |      |               |                   |      |       |         |             |             |                        |                          |                          |
| 5         |           |                                     |   |      |               |                   |      |       |         |             |             |                        |                          |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 13, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-12

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 12, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677858.4 m E: 496195.2 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                 | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |         |             | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |  |
|-----------|-----------|------------------------------|---|------|-------------|-------------------|------|-------|-------|-------------|-------------|---------|-------------|------------------------|--------------------------|--|
|           |           |                              | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | EC dS/m | Hexane ppmv |                        |                          |  |
| 1         | Mari M5T  | Direct Push - 50mm Hole Dia. | (PT) PEAT; dark brown; cohesive, w ~ PL, soft, Frozen.                  | PT   |             | 0.00              | DP   | 83    |       |             | 1           | 2       | 3           | 4                      |                          |  |
|           |           |                              | (SW) SAND, well graded; pale brown; non-cohesive, moist, loose, Frozen. |      |             | 0.80              |      |       |       |             |             |         |             |                        |                          |  |
|           |           |                              | End of hole at 1.20 m.<br>Target Depth                                  |      |             |                   |      |       |       |             |             |         |             |                        |                          |  |
| 2         |           |                              |   |      |             |                   |      |       |       |             |             |         |             |                        |                          |  |
| 3         |           |                              |   |      |             |                   |      |       |       |             |             |         |             |                        |                          |  |
| 4         |           |                              |   |      |             |                   |      |       |       |             |             |         |             |                        |                          |  |
| 5         |           |                              |   |      |             |                   |      |       |       |             |             |         |             |                        |                          |  |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 12, 2022  
 DATE: Nov 15, 2022





REV:  
A

# RECORD OF BOREHOLE: BH22-14

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 12, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677775.0 m E: 496233.1 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE   |      |   | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA   |   |   |                          | ADDITIONAL LAB TESTING   | GROUNDWATER OBSERVATIONS |             |
|-----------|-----------|-------------------------------|--|------|---|-------------------|------|-------|-------|---|---|---|--------------------------|--------------------------|--------------------------|-------------|
|           |           |                               | DESCRIPTION  | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE   | SOIL SAMPLE   | EC dS/m   |                          |                          |                          | Hexane ppmv |
| 0         | Mari M5T  | Direct Push - 50-mm Hole Dia. | (PT) PEAT; dark brown; cohesive, w ~ PL, soft.<br><br>- 0.30 to 0.90 m: Frozen | PT   |  | 0.00              | DP   | 100   |       |  |  |  | BH22-14-01<br>BTEX F1-F4 | BH22-14-02<br>BTEX F1-F4 | BH22-14-03<br>BTEX F1-F4 |             |
| 1         |           |                               | End of hole at 0.90 m.<br>Target Depth   |      |   |                   |      |       |       |   |   |   |                          |                          |                          |             |
| 2         |           |                               |  |      |   |                   |      |       |       |   |   |   |                          |                          |                          |             |
| 3         |           |                               |  |      |   |                   |      |       |       |   |   |   |                          |                          |                          |             |
| 4         |           |                               |  |      |   |                   |      |       |       |   |   |   |                          |                          |                          |             |
| 5         |           |                               |  |      |   |                   |      |       |       |   |   |   |                          |                          |                          |             |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 12, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-15

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 12, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677742.4 m E: 496250.6 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG  | DRILL METHOD | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |             |     |     |     |                                 |
|-----------|--|--------------|---|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------------|--------------------------|---------|-------------|-----|-----|-----|---------------------------------|
|           |  |              | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE |                        |                          | EC dS/m | Hexane ppmv |     |     |     |                                 |
| 1         | Mari MST<br>Solid Stem Auger - 102-mm Hole Dia.<br>Direct Push - 50-mm Hole Dia. |              | (PT) PEAT; dark brown; cohesive, w ~ PL, soft, Rootlets.                      | PT   |             | 0.00              | DP   | 100   |       |             | 1           | 2                      | 3                        | 4       | 100         | 200 | 300 | 400 | BH22-15-01<br>BTEX F1-F4        |
|           |  |              | (SW) SAND, well graded, trace gravel; pale brown; non-cohesive, moist, loose. | SW   |             | 0.40              |      |       |       |             |             |                        |                          |         |             |     |     |     |                                 |
|           |  |              | - 0.70 to 1.10 m: Frozen  |      |             |                   | AS   | 100   |       |             |             |                        |                          |         |             |     |     |     |                                 |
|           |  |              | End of hole at 1.10 m.<br>Target Depth  |      |             |                   |      |       |       |             |             |                        |                          |         |             |     |     |     | BH22-15-03, DUP L<br>BTEX F1-F4 |
| 2         |  |              |   |      |             |                   |      |       |       |             |             |                        |                          |         |             |     |     |     |                                 |
| 3         |  |              |   |      |             |                   |      |       |       |             |             |                        |                          |         |             |     |     |     |                                 |
| 4         |  |              |   |      |             |                   |      |       |       |             |             |                        |                          |         |             |     |     |     |                                 |
| 5         |  |              |   |      |             |                   |      |       |       |             |             |                        |                          |         |             |     |     |     |                                 |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 12, 2022  
 DATE: Nov 15, 2022


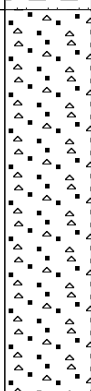
REV:  
A

# RECORD OF BOREHOLE: BH22-17

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 08, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677688.4 m E: 496239.2 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                                 | DRILL METHOD | MATERIAL PROFILE   |      |   | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING   | GROUNDWATER OBSERVATIONS |
|-----------|---|--------------|--|------|---|-------------------|------|-------|-------|-------------|-------------|------------------|--|--------------------------|
|           |   |              | DESCRIPTION  | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |  |                          |
| 1         | Marl MST<br>Direct Push - 50-mm Hole Dia. |              | (PT) PEAT, fine to medium,; black; non-cohesive, w ~ PL, soft, Rootlets.                               | PT   |  | 0.00              |      |       |       |             | ⊕           | ▽                | BH22-17-01<br>BTEX F1-F4, Metals<br><br>BH22-17-02<br>BTEX F1-F4, Metals<br><br>BH22-17-03<br>BTEX F1-F4, Metals<br><br>BH22-17-04<br>BTEX F1-F4, Metals |                          |
|           |   |              | (SW) SAND, fine to medium, well graded, trace gravel, trace fines; tannish brown; non-cohesive, moist. | SW   |  | 0.50              | DP   | 53    |       |             | ⊕           | ▽                |  |                          |
|           |   |              | - 1.20 to 1.80 m: Greyish brown  |      |   |                   |      |       | ⊕     | ▽           |             |                  |  |                          |
|           |   |              | - 1.30 to 1.40 m: Wet  |      |   |                   | DP   | 100   |       |             | ⊕           | ▽                |  |                          |
| 2         |   |              | End of hole at 1.80 m.<br>Target Depth   |      |   |                   |      |       |       |             |             |                  |  |                          |
| 3         |   |              |  |      |   |                   |      |       |       |             |             |                  |  |                          |
| 4         |   |              |  |      |   |                   |      |       |       |             |             |                  |  |                          |
| 5         |   |              |  |      |   |                   |      |       |       |             |             |                  |  |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 08, 2022  
 DATE: Nov 15, 2022

REV:  
A





# RECORD OF BOREHOLE: BH22-19

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 08, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677689.0 m E: 496199.2 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS         |                                  |                                  |                                  |
|-----------|-----------|-------------------------------|---|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
|           |           |                               | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                        |                                  | EC dS/m                          |                                  |                                  |
| 1         | Marl MST  | Direct Push - 50-mm Hole Dia. | (SW) SAND, fine to medium, well graded, some gravel; brown; non-cohesive, moist, loose, Fill. | SW   |             | 0.00              | DP   | 53    |       |             |             |                  |                        | BH22-19-01<br>BTEX F1-F4, Metals |                                  |                                  |                                  |
|           |           |                               | (PT) PEAT; dark brown; cohesive, w ~ PL, soft, Rootlets.                                      | PT   |             | 1.00              |      |       |       |             |             |                  |                        |                                  |                                  |                                  |                                  |
|           |           |                               | (SW) SAND, fine to medium, well graded, some gravel; brown; non-cohesive, wet, loose, Fill.   | SW   |             | 1.30              | DP   | 100   |       |             |             |                  |                        |                                  | BH22-19-02<br>BTEX F1-F4, Metals | BH22-19-03<br>BTEX F1-F4, Metals | BH22-19-04<br>BTEX F1-F4, Metals |
|           |           |                               |   |      |             |                   |      |       |       |             |             |                  |                        |                                  |                                  |                                  |                                  |
| 2         |           |                               | End of hole at 1.80 m.<br>Target Depth  |      |             |                   |      |       |       |             |             |                  |                        |                                  |                                  |                                  |                                  |
| 3         |           |                               |   |      |             |                   |      |       |       |             |             |                  |                        |                                  |                                  |                                  |                                  |
| 4         |           |                               |   |      |             |                   |      |       |       |             |             |                  |                        |                                  |                                  |                                  |                                  |
| 5         |           |                               |   |      |             |                   |      |       |       |             |             |                  |                        |                                  |                                  |                                  |                                  |

DEPTH SCALE: 1:25  
 HAMMER TYPE:

REV:  
A



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 08, 2022  
 DATE: Nov 15, 2022

# RECORD OF BOREHOLE: BH22-20

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 08, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677701.9 m E: 496207.2 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                              | DRILL METHOD                  | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING           | GROUNDWATER OBSERVATIONS |         |
|-----------|--|-------------------------------|---|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|----------------------------------|--------------------------|---------|
|           |  |                               | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                                  |                          | EC dS/m |
| 1         | Marl MST                               | Direct Push - 50-mm Hole Dia. | (SW) SAND, fine to medium, well graded, some gravel; brown; non-cohesive, moist, loose, Fill.<br>- 0.20 to 0.40 m: Trace silt | SW   |             | 0.00              | DP   | 53    |       |             |             |                  | BH22-20-01<br>BTEX F1-F4, Metals |                          |         |
|           |  |                               | (SW) SAND and GRAVEL, medium to coarse, well graded; brown; moist, loose.   |      |             | 0.50              |      |       |       |             |             |                  |                                  |                          |         |
|           |  |                               | (ML) sandy SILT, non plastic, fine sand; dark brown; cohesive, w ~ PL.  | 1.00 | ML          |                   |      |       |       |             |             |                  |                                  |                          |         |
|           |  |                               | (SW) SAND, fine to medium, well graded, some gravel; brown; non-cohesive, wet, loose, Fill.                                   | 1.50 | SW          |                   |      |       |       |             |             |                  |                                  |                          |         |
|           |  |                               | ICE.  | 1.70 |             |                   |      |       |       |             |             |                  |                                  |                          |         |
| 2         | End of hole at 1.90 m.<br>Target Depth |                               |   |      |             |                   |      |       |       |             |             |                  |                                  |                          |         |
| 3         |  |                               |   |      |             |                   |      |       |       |             |             |                  |                                  |                          |         |
| 4         |  |                               |   |      |             |                   |      |       |       |             |             |                  |                                  |                          |         |
| 5         |  |                               |   |      |             |                   |      |       |       |             |             |                  |                                  |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 08, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-21

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 12, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677708.2 m E: 496234.7 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE   |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |             |     |     |     |  |  |  |
|-----------|-----------|-------------------------------|--|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------------|--------------------------|---------|-------------|-----|-----|-----|--|--|--|
|           |           |                               | DESCRIPTION  | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE |                        |                          | EC dS/m | Hexane ppmv |     |     |     |  |  |  |
| 1         | Marl MST  | Direct Push - 50-mm Hole Dia. | (PT) PEAT; dark brown; cohesive, w ~ PL, soft.                                 | PT   |             | 0.00              | DP   | 73    |       |             | 1           | 2                      | 3                        | 4       | 100         | 200 | 300 | 400 | BH22-21-01<br>BTEX F1-F4, Metals<br><br>BH22-21-02<br>BTEX F1-F4, Metals<br><br>BH22-21-03<br>BTEX F1-F4, Metals<br><br>BH22-21-04<br>BTEX F1-F4, Metals |  |  |
|           |           |                               | (SW) SAND, fine to medium, well graded; pale brown; non-cohesive, moist, soft. | SW   |             | 0.30              |      |       |       |             | 1           | 2                      | 3                        | 4       | 100         | 200 | 300 | 400 |  |  |  |
|           |           |                               | - 1.20 to 1.50 m: Frozen   |      |             |                   |      |       |       |             |             |                        |                          |         |             |     |     |     |  |  |  |
|           |           |                               | End of hole at 1.50 m.<br>Target Depth   |      |             |                   |      |       |       |             |             |                        |                          |         |             |     |     |     |  |  |  |
| 2         |           |                               |  |      |             |                   |      |       |       |             |             |                        |                          |         |             |     |     |     |  |  |  |
| 3         |           |                               |  |      |             |                   |      |       |       |             |             |                        |                          |         |             |     |     |     |  |  |  |
| 4         |           |                               |  |      |             |                   |      |       |       |             |             |                        |                          |         |             |     |     |     |  |  |  |
| 5         |           |                               |  |      |             |                   |      |       |       |             |             |                        |                          |         |             |     |     |     |  |  |  |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 12, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-24

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 08, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677634.0 m E: 496101.0 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                       | MATERIAL PROFILE   |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING                                  | GROUNDWATER OBSERVATIONS |
|-----------|-----------|------------------------------------|--|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|---|--------------------------|
|           |           |                                    | DESCRIPTION  | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |   |                          |
| 1         | Marl M5T  | Solid Stem Auger - 50-mm Hole Dia. | (SW) gravelly SAND, fine to medium, well graded; brown; non-cohesive, moist, loose, Fill.  | SW   |             | 0.00              | AS   | 100   |       |             |             |                  | BH22-24-01<br>BTEX F1-F4,<br>Naphthalene, Metals        |                          |
|           |           |                                    | (ML) sandy CLAYEY SILT, medium plasticity, fine sand, trace gravel; dark brown; cohesive, w ~ PL, firm, Fill.  | ML   |             | 0.80              |      |       |       |             |             |                  |   |                          |
|           |           |                                    | (SW) SAND, fine to medium, well graded, some gravel; light tannish brown; non-cohesive, moist, loose, Fill.<br>(SW) SAND and GRAVEL, fine to medium, well graded, and rounded to subrounded GRAVEL; brown; non-cohesive, moist, dense, Fill. | SW   |             | 1.40<br>1.50      |      |       |       |             |             |                  |   |                          |
| 2         |           |                                    |  |      |             |                   |      |       |       |             |             |                  | BH22-24-03<br>BTEX F1-F4,<br>Naphthalene, Metals        |                          |
| 3         |           |                                    |  |      |             |                   |      |       |       |             |             |                  | BH22-24-04<br>BTEX F1-F4,<br>Naphthalene, Metals        |                          |
|           |           |                                    |  |      |             |                   |      |       |       |             |             |                  | BH22-24-05<br>BTEX F1-F4,<br>Naphthalene, Metals        |                          |
|           |           |                                    |  |      |             |                   |      |       |       |             |             |                  | BH22-24-06<br>BTEX F1-F4,<br>Naphthalene, Metals        |                          |
|           |           |                                    |  |      |             |                   |      |       |       |             |             |                  | BH22-24-07, DUP D<br>BTEX F1-F4,<br>Naphthalene, Metals |                          |
|           |           |                                    | End of hole at 3.15 m.<br>Target Depth   |      |             |                   |      |       |       |             |             |                  |   |                          |
| 4         |           |                                    |  |      |             |                   |      |       |       |             |             |                  |   |                          |
| 5         |           |                                    |  |      |             |                   |      |       |       |             |             |                  |   |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 08, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-25

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 09, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677617.4 m E: 496101.7 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m)                  | DRILL RIG                                 | DRILL METHOD | MATERIAL PROFILE   |                                |                                  | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING   | GROUNDWATER OBSERVATIONS |
|----------------------------|---|--------------|--|--------------------------------|----------------------------------|-------------------|------|-------|-------|-------------|-------------|------------------|--|--------------------------|
|                            |   |              | DESCRIPTION  | USCS                           | STRATA PLOT                      | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |  |                          |
| 0.00                       | Hand Auger<br>Hand Auger - 50mm Hole Dia. |              | (SM) SILTY SAND, fine, some gravel; brown; non-cohesive, moist, loose.<br>- 0.00 to 0.10 m: Rootlets | SM                             | [Strata Plot: Horizontal dashes] | 0.00              | DP   | 100   |       |             | ⊕           | ▽                | BH22-25-01<br>BTEX F1-F4,<br>Naphthalene, Metals<br><br>BH22-25-02<br>BTEX F1-F4,<br>Naphthalene, Metals<br><br>BH22-25-03<br>BTEX F1-F4,<br>Naphthalene, Metals<br><br>BH22-25-04<br>BTEX F1-F4,<br>Naphthalene, Metals<br><br>BH22-25-05<br>BTEX F1-F4,<br>Naphthalene, Metals |                          |
| 0.50 to 1.30 m: dark brown |   |              |  |                                |                                  |                   |      |       |       |             | ⊕           | ▽                |  |                          |
| 0.80                       |   |              | SW   | [Strata Plot: Diagonal dashes] |                                  | ⊕                 |      |       |       |             | ▽           |                  |  |                          |
| 1.20                       |   |              | End of hole at 1.20 m.<br>Target Depth   |                                |                                  |                   |      |       |       |             |             |                  |  |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:

REV:  
A



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 09, 2022  
 DATE: Nov 15, 2022

# RECORD OF BOREHOLE: BH22-26

Sheet 1 of 1

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 09, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677610.6 m E: 496091.9 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m)    | DRILL RIG  | DRILL METHOD                 | MATERIAL PROFILE   |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ENVIRO DATA | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|--------------|------------|------------------------------|--|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|-------------|------------------------|--------------------------|---------|
|              |            |                              | DESCRIPTION  | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |             |                        |                          | EC dS/m |
| 0.00         |            |                              | (SM) SILTY SAND, fine, some gravel; brown; non-cohesive, moist, loose.<br>- 0.00 to 0.10 m: Rootlets |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 0.50 to 1.30 | Hand Auger | Hand Auger - 50-mm Hole Dia. | Dark brown   | SM   |             |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 1.30         |            |                              | End of hole at 1.30 m.<br>Target Depth   |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 2.00         |            |                              |  |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 3.00         |            |                              |  |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 4.00         |            |                              |  |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 5.00         |            |                              |  |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 09, 2022  
 DATE: Nov 15, 2022

REV:  
**A**

# RECORD OF BOREHOLE: BH22-27

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 08, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677625.1 m E: 496091.6 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                           | DRILL METHOD                  | MATERIAL PROFILE   |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING          | GROUNDWATER OBSERVATIONS |
|-----------|-------------------------------------|-------------------------------|--|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|---------------------------------|--------------------------|
|           |                                     |                               | DESCRIPTION  | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                                 |                          |
| 1         | Marl MST                            | Direct Push - 50-mm Hole Dia. | (SW) SAND, well graded, some gravel; brown; non-cohesive, moist, loose, Fill.                          | SW   |             | 0.00              | DP   | 67    |       |             |             |                  |                                 |                          |
|           |                                     |                               | (ML) CLAYEY SILT, medium plasticity, some fine sand; dark brown; cohesive, w ~ PL, firm, Fill.         | ML   |             | 0.40              |      |       |       |             |             |                  |                                 |                          |
|           |                                     |                               | (SW) SAND, well graded, some gravel; brown; non-cohesive, moist, loose, Fill.                          | SW   |             | 0.60              |      |       |       |             |             |                  |                                 |                          |
|           |                                     |                               | (ML) SILT, non plastic, trace sand; black; cohesive, w ~ PL, soft, Fill.                               | ML   |             | 0.80              |      |       |       |             |             |                  |                                 |                          |
|           |                                     |                               | (SW) SAND, fine to medium, well graded, some gravel; brown; non-cohesive, moist, loose, Fill.          | SW   |             | 1.00              |      |       |       |             |             |                  |                                 |                          |
| 2         | Solid Stem Auger - 102-mm Hole Dia. |                               | (SW) gravelly SAND, fine to medium, well graded; brown; non-cohesive, moist, very dense, Fill, frozen. | SW   |             | 1.90              | DP   | 100   |       |             |             |                  | BH22-27-05, DUP C<br>BTEX F1-F4 |                          |
|           |                                     |                               |  |      |             |                   |      |       |       |             |             |                  |                                 | BH22-27-06<br>BTEX F1-F4 |
| 3         |                                     |                               |  |      |             |                   |      |       |       |             |             |                  |                                 | BH22-27-07<br>BTEX F1-F4 |
|           |                                     |                               | End of hole at 3.10 m.<br>Target Depth   |      |             |                   |      |       |       |             |             |                  |                                 |                          |
| 4         |                                     |                               |  |      |             |                   |      |       |       |             |             |                  |                                 |                          |
| 5         |                                     |                               |  |      |             |                   |      |       |       |             |             |                  |                                 |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 08, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-28

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 09, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677592.1 m E: 496071.5 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE  |      |                               | SAMPLING ACTIVITY |      |       |                    | ENVIRO DATA           |                       |                  | ADDITIONAL LAB TESTING   | GROUNDWATER OBSERVATIONS |                          |
|-----------|-----------|-------------------------------|---|------|-------------------------------|-------------------|------|-------|--------------------|-----------------------|-----------------------|------------------|--------------------------|--------------------------|--------------------------|
|           |           |                               | DESCRIPTION   | USCS | STRATA PLOT                   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS              | N-VALUE               | SOIL SAMPLE           | Soil Vapour ppmv |                          |                          | EC dS/m                  |
| 1         | Marl 1MST | Direct Push - 50-mm Hole Dia. | (SP) SAND and GRAVEL, fine to medium, poorly graded; brown; non-cohesive, moist, compact, Fill.     | SP   | [Strata Plot: Dotted pattern] | 0.00              | DP   | 67    | [Sampling Diagram] | [Soil Sample Diagram] | [Soil Vapour Diagram] | [EC Diagram]     | BH22-28-01<br>BTEX F1-F4 |                          |                          |
|           |           |                               | (PT) PEAT; dark brown; w ~ PL, soft, Rootlets.  | PT   | [Strata Plot: Wavy pattern]   | 0.40              |      |       |                    |                       |                       |                  |                          |                          | BH22-28-02<br>BTEX F1-F4 |
|           |           |                               | (SW) SAND, fine to medium, well graded; brown; non-cohesive, dry, loose.<br>- 0.60 to 1.50 m: Moist | SW   | [Strata Plot: Sand pattern]   | 0.50              |      |       |                    |                       |                       |                  |                          |                          |                          |
| 2         |           |                               | End of hole at 1.50 m.<br>Target Depth  |      |                               |                   |      |       |                    |                       |                       |                  |                          |                          |                          |
| 3         |           |                               |   |      |                               |                   |      |       |                    |                       |                       |                  |                          |                          |                          |
| 4         |           |                               |   |      |                               |                   |      |       |                    |                       |                       |                  |                          |                          |                          |
| 5         |           |                               |   |      |                               |                   |      |       |                    |                       |                       |                  |                          |                          |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 09, 2022  
 DATE: Nov 15, 2022

REV:  
A



# RECORD OF BOREHOLE: BH22-29

Sheet 1 of 1

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 09, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677569.2 m E: 496054.9 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                 | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING          | GROUNDWATER OBSERVATIONS |
|-----------|-----------|------------------------------|---|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|---------------------------------|--------------------------|
|           |           |                              | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                                 |                          |
| 1         | Mari M5T  | Direct Push - 50mm Hole Dia. | (SP) SAND and GRAVEL, fine to medium, poorly graded; brown; non-cohesive, moist, compact, Fill.<br>- 0.15 to 0.25 m: Trace silt, dark brown | SP   |             | 0.00              | DP   | 100   |       |             |             |                  | BH22-29-01<br>BTEX F1-F4        |                          |
|           |           |                              | (PT) PEAT; dark brown; w ~ PL, soft, Rootlets.  | PT   |             | 0.90              |      |       |       |             |             |                  | BH22-29-02, DUP J<br>BTEX F1-F4 |                          |
|           |           |                              | End of hole at 1.20 m.<br>Target Depth  |      |             |                   |      |       |       |             |             |                  |                                 |                          |
| 2         |           |                              |   |      |             |                   |      |       |       |             |             |                  |                                 |                          |
| 3         |           |                              |   |      |             |                   |      |       |       |             |             |                  |                                 |                          |
| 4         |           |                              |   |      |             |                   |      |       |       |             |             |                  |                                 |                          |
| 5         |           |                              |   |      |             |                   |      |       |       |             |             |                  |                                 |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:

REV:  
A



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 09, 2022  
 DATE: Nov 15, 2022

# RECORD OF BOREHOLE: BH22-30

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 09, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677667.4 m E: 496046.4 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE   |       |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |   |                     |
|-----------|-----------|-------------------------------|--|-------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|------------------------|--------------------------|---------|---|---------------------|
|           |           |                               | DESCRIPTION  | USCS  | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                        |                          | EC dS/m |   |                     |
| 1         | Marl M5T  | Direct Push - 50-mm Hole Dia. | (SP-SM) gravelly SAND, fine to medium, poorly graded, some fines; dark brown; non-cohesive, moist, compact.<br>- 0.00 to 0.05 m: Trace subrounded gravel | SP-SM |             | 0.00              | DP   | 100   |       |             | 0           | 0                | 1                      | 2                        | 3       | 4 | BH22-30-01<br>Ba-TT |
|           |           |                               | (PT) PEAT; dark brown; cohesive, w ~ PL, soft, Rootlets.   | PT    |             | 0.30              |      |       |       |             |             |                  |                        |                          |         |   | BH22-30-02<br>Ba-TT |
|           |           |                               | (SW) SAND, fine, well graded, trace gravel; brown; non-cohesive, moist, loose.   | SW    |             | 0.50              |      |       |       |             |             |                  |                        |                          |         |   | BH22-30-03<br>Ba-TT |
| 1         |           |                               | End of hole at 1.00 m.<br>Target Depth   |       |             |                   |      |       |       |             |             |                  |                        |                          |         |   |                     |
| 2         |           |                               |  |       |             |                   |      |       |       |             |             |                  |                        |                          |         |   |                     |
| 3         |           |                               |  |       |             |                   |      |       |       |             |             |                  |                        |                          |         |   |                     |
| 4         |           |                               |  |       |             |                   |      |       |       |             |             |                  |                        |                          |         |   |                     |
| 5         |           |                               |  |       |             |                   |      |       |       |             |             |                  |                        |                          |         |   |                     |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 09, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-31

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 09, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677605.7 m E: 495963.8 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE  |      |                        | SAMPLING ACTIVITY |      |       |         | ENVIRO DATA |               |                  | ENVIRO DATA | ADDITIONAL LAB TESTING       | GROUNDWATER OBSERVATIONS |
|-----------|-----------|-------------------------------|---|------|------------------------|-------------------|------|-------|---------|-------------|---------------|------------------|-------------|------------------------------|--------------------------|
|           |           |                               | DESCRIPTION   | USCS | STRATA PLOT            | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS   | N-VALUE     | SOIL SAMPLE   | Soil Vapour ppmv |             |                              |                          |
| 1         | Marl 1MST | Direct Push - 50-mm Hole Dia. | (SW) SAND, fine, well graded, trace gravel; brown; non-cohesive, moist, loose.<br>- 0.00 to 0.05 m: Trace subrounded gravel | SW   | [Strata Plot: SW Sand] | 0.00              | DP   | 67    | [Blows] | [N-Value]   | [Soil Sample] | [Soil Vapour]    | [EC]        | BH22-31-01<br>Ba-TT          |                          |
| 2         |           |                               | End of hole at 1.50 m.<br>Target Depth  |      |                        |                   |      |       |         |             |               |                  |             | BH22-31-02<br>Ba-TT          |                          |
| 3         |           |                               |   |      |                        |                   |      |       |         |             |               |                  |             | BH22-31-03<br>Ba-TT<br>DUP I |                          |
| 4         |           |                               |   |      |                        |                   |      |       |         |             |               |                  |             | BH22-31-04<br>Ba-TT          |                          |
| 5         |           |                               |   |      |                        |                   |      |       |         |             |               |                  |             |                              |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 09, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-32

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 08, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677773.6 m E: 496150.5 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                                  | DRILL METHOD | MATERIAL PROFILE  |       |                                   | SAMPLING ACTIVITY |      |       |                          | ENVIRO DATA |                                     |                              | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS     |
|-----------|--|--------------|---|-------|-----------------------------------|-------------------|------|-------|--------------------------|-------------|-------------------------------------|------------------------------|------------------------|------------------------------|
|           |  |              | DESCRIPTION   | USCS  | STRATA PLOT                       | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS                    | N-VALUE     | SOIL SAMPLE                         | Soil Vapour ppmv             |                        |                              |
| 1         | Marl 1MST<br>Direct Push - 50-mm Hole Dia. |              | (SP-SM) gravelly SAND, fine to medium, poorly graded, some fines; dark brown; non-cohesive, moist, dense, Fill. | SP-SM | [Strata Plot: Dotted pattern]     | 0.00              | DP   | 67    | [Soil Sample: X-pattern] | ⊕           | ▽                                   | BH22-32-01<br>Cr (Total), Ni |                        |                              |
|           |  |              | (SW) SAND, fine to medium, well graded, trace fines; tannish brown; non-cohesive, moist, compact, Fill.         | SW    | [Strata Plot: Triangular pattern] | 1.00              |      |       |                          | ⊕           | ▽                                   |                              |                        | BH22-32-02<br>Cr (Total), Ni |
|           | End of hole at 1.50 m.<br>Target Depth     |              |   |       |                                   |                   |      |       | ⊕                        | ▽           | BH22-32-03, DUP F<br>Cr (Total), Ni |                              |                        |                              |
| 2         |  |              |   |       |                                   |                   |      |       |                          |             |                                     |                              |                        |                              |
| 3         |  |              |   |       |                                   |                   |      |       |                          |             |                                     |                              |                        |                              |
| 4         |  |              |   |       |                                   |                   |      |       |                          |             |                                     |                              |                        |                              |
| 5         |  |              |   |       |                                   |                   |      |       |                          |             |                                     |                              |                        |                              |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 08, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-33

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 08, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677778.9 m E: 496115.0 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE  |       |               | SAMPLING ACTIVITY |      |       |         | ENVIRO DATA |               |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS     |         |                              |
|-----------|-----------|-------------------------------|---|-------|---------------|-------------------|------|-------|---------|-------------|---------------|------------------|------------------------|------------------------------|---------|------------------------------|
|           |           |                               | DESCRIPTION   | USCS  | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS   | N-VALUE     | SOIL SAMPLE   | Soil Vapour ppmv |                        |                              | EC dS/m |                              |
| 1         | Marl 1MST | Direct Push - 50-mm Hole Dia. | (SP-SM) gravelly SAND, fine to medium, poorly graded, some fines; dark brown; non-cohesive, moist, dense, Fill. | SP-SM | [Strata Plot] | 0.00              | DP   | 80    | [Blows] | [N-Value]   | [Soil Sample] | [Soil Vapour]    | [EC]                   | BH22-33-01<br>Cr (Total), Ni |         |                              |
|           |           |                               | (PT) PEAT, fine.; dark brown; cohesive, w ~ PL, Rootlets, trace sand.   | PT    | [Strata Plot] | 1.00              |      |       |         |             |               |                  |                        |                              |         | BH22-33-02<br>Cr (Total), Ni |
|           |           |                               | (ML) CLAYEY SILT, medium plasticity, trace fine sand; dark brown; cohesive, w ~ PL, soft.                       | ML    | [Strata Plot] | 1.10              |      |       |         |             |               |                  |                        |                              |         |                              |
|           |           |                               | (SW) SAND, fine to medium, well graded, trace fines; tannish brown; non-cohesive, moist, compact, Fill.         | SW    | [Strata Plot] | 1.40              |      |       |         |             |               |                  |                        |                              |         | BH22-33-04<br>Cr (Total), Ni |
| 2         |           |                               | End of hole at 1.50 m.<br>Target Depth  |       |               |                   |      |       |         |             |               |                  |                        |                              |         |                              |
| 3         |           |                               |   |       |               |                   |      |       |         |             |               |                  |                        |                              |         |                              |
| 4         |           |                               |   |       |               |                   |      |       |         |             |               |                  |                        |                              |         |                              |
| 5         |           |                               |   |       |               |                   |      |       |         |             |               |                  |                        |                              |         |                              |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 08, 2022  
 DATE: Nov 15, 2022

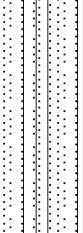




REV:  
A

# RECORD OF BOREHOLE: BH22-34

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 08, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677760.9 m E: 496102.6 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE  |       |   | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA   |             |                  | ADDITIONAL LAB TESTING       | GROUNDWATER OBSERVATIONS |
|-----------|-----------|-------------------------------|---|-------|---|-------------------|------|-------|-------|---|-------------|------------------|------------------------------|--------------------------|
|           |           |                               | DESCRIPTION   | USCS  | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE   | SOIL SAMPLE | Soil Vapour ppmv |                              |                          |
| 1         | Marl MST  | Direct Push - 50-mm Hole Dia. | (SP-SM) gravelly SAND, fine to medium, poorly graded, some fines; dark brown; non-cohesive, moist, dense, Fill.<br><br>- 0.50 to 0.55 m: Woody debris | SP-SM |  | 0.00              | DP   | 73    |       |  | 0           | 1                | BH22-34-01<br>Cr (Total), Ni |                          |
|           |           |                               | (PT) PEAT, fine, dark brown; cohesive, w ~ PL, Rootlets, trace sand.  | PT    |  | 0.80              |      |       |       |   |             |                  |                              |                          |
|           |           |                               | (ML) CLAYEY SILT, medium plasticity, trace fine sand; dark brown; cohesive, w ~ PL, soft.   | ML    |  | 1.00              |      |       |       |   |             |                  |                              |                          |
|           |           |                               | (SW) SAND, fine to medium, well graded, trace fines; tannish brown; non-cohesive, moist, compact, Fill.   | SW    |  | 1.20              |      |       |       |   |             |                  |                              |                          |
| 2         |           |                               | End of hole at 1.50 m.<br>Target Depth  |       |   |                   |      |       |       |   |             |                  |                              |                          |
| 3         |           |                               |   |       |   |                   |      |       |       |   |             |                  |                              |                          |
| 4         |           |                               |   |       |   |                   |      |       |       |   |             |                  |                              |                          |
| 5         |           |                               |   |       |   |                   |      |       |       |   |             |                  |                              |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 08, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-35

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 08, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677754.0 m E: 496127.2 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE  |       |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING       | GROUNDWATER OBSERVATIONS |
|-----------|-----------|-------------------------------|---|-------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|------------------------------|--------------------------|
|           |           |                               | DESCRIPTION   | USCS  | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                              |                          |
| 1         | Marl 1MST | Direct Push - 50-mm Hole Dia. | (SP-SM) gravelly SAND, fine to medium, poorly graded, some fines; dark brown; non-cohesive, moist, dense, Fill. | SP-SM |             | 0.00              | DP   | 80    |       |             |             |                  | BH22-35-01<br>Cr (Total), Ni |                          |
|           |           |                               | - 0.50 to 0.55 m: Woody debris  |       |             |                   |      |       |       |             |             |                  |                              |                          |
|           |           |                               | (ML) CLAYEY SILT, medium plasticity, trace fine sand; dark brown; cohesive, w ~ PL, soft.                       |       |             | ML                |      |       |       |             |             |                  |                              |                          |
|           |           |                               | (SW) SAND, fine to medium, well graded, trace fines; tannish brown; non-cohesive, moist, compact, Fill.         | SW    |             | 1.20              |      |       |       |             |             |                  | BH22-35-02<br>Cr (Total), Ni |                          |
|           |           |                               | End of hole at 1.50 m.<br>Target Depth  |       |             |                   |      |       |       |             |             |                  | BH22-35-03<br>Cr (Total), Ni |                          |
| 2         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                              |                          |
| 3         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                              |                          |
| 4         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                              |                          |
| 5         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                              |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 08, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-36

Sheet 1 of 1

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 09, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677694.4 m E: 495935.4 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE  |       |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|-----------|-----------|-------------------------------|---|-------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|------------------------|--------------------------|---------|
|           |           |                               | DESCRIPTION   | USCS  | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                        |                          | EC dS/m |
| 0         | Man M5T   | Direct Push - 50-mm Hole Dia. | (SP-SM) gravelly SAND, fine to medium, poorly graded, some fines; dark brown; non-cohesive, moist, compact, Fill. | SP-SM |             | 0.00              | DP   | 100   |       |             |             |                  |                        |                          |         |
|           |           |                               | (PT) PEAT; dark brown; cohesive, w ~ PL, soft, Rootlets.  | PT    |             | 0.40              |      |       |       |             |             |                  |                        |                          |         |
|           |           |                               | (SM) SILTY SAND, fine, some gravel; greyish brown; non-cohesive, moist, compact.                                  | SM    |             | 0.50              |      |       |       |             |             |                  |                        |                          |         |
|           |           |                               | (PT) PEAT; dark brown; cohesive, w ~ PL, soft, Rootlets.  | PT    |             | 0.60              |      |       |       |             |             |                  |                        |                          |         |
| 1         |           |                               | End of hole at 0.80 m.<br>Target Depth  |       |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 2         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 3         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 4         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 5         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 09, 2022  
 DATE: Nov 15, 2022

REV:  
A



# RECORD OF BOREHOLE: BH22-37

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 09, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677700.8 m E: 495911.6 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE  |       |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|-----------|-----------|-------------------------------|---|-------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|------------------------|--------------------------|---------|
|           |           |                               | DESCRIPTION   | USCS  | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                        |                          | EC dS/m |
|           | Mani M5T  | Direct Push - 50-mm Hole Dia. | (SP-SM) gravelly SAND, fine to medium, poorly graded, some fines; dark brown; non-cohesive, moist, compact, Fill. | SP-SM |             | 0.00              | DP   | 100   |       |             |             |                  |                        |                          |         |
|           |           |                               | End of hole at 0.80 m.<br>Target Depth  |       |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 1         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 2         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 3         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 4         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 5         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 09, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-38

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 09, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677720.1 m E: 495929.0 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m)                    | DRILL RIG    | DRILL METHOD                  | MATERIAL PROFILE  |       |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ENVIRO DATA | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|------------------------------|--------------|-------------------------------|---|-------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|-------------|------------------------|--------------------------|---------|
|                              |              |                               | DESCRIPTION   | USCS  | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |             |                        |                          | EC dS/m |
| 0.00<br>0.30<br>0.40<br>0.50 | Merrill 1M5T | Direct Push - 50-mm Hole Dia. | (SP-SM) gravelly SAND, fine to medium, poorly graded, some fines; dark brown; non-cohesive, moist, compact, Fill. | SP-SM |             | 0.00              | DP   | 100   |       |             | ⊕           | ⊕                | ⊕           | ▽                      | BH22-38-01<br>Cr (Total) |         |
|                              |              |                               | (PT) PEAT; dark brown; cohesive, w ~ PL, soft, Rootlets.  | PT    |             | 0.30              |      |       |       |             |             |                  |             |                        |                          |         |
|                              |              |                               | (SM) SILTY SAND, fine, some gravel; greyish brown; non-cohesive, moist, compact.                                  | SM    |             | 0.40              |      |       |       |             |             |                  |             |                        |                          |         |
|                              |              |                               | (PT) PEAT; dark brown; cohesive, w ~ PL, soft, Rootlets.  | PT    |             | 0.50              |      |       |       |             |             |                  |             |                        |                          |         |
| 1<br>2<br>3<br>4<br>5        |              |                               | End of hole at 0.70 m.<br>Target Depth  |       |             |                   |      |       |       |             |             |                  |             |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 09, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-39

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 09, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677714.3 m E: 495958.4 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE  |       |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|-----------|-----------|-------------------------------|---|-------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|------------------------|--------------------------|---------|
|           |           |                               | DESCRIPTION   | USCS  | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                        |                          | EC dS/m |
|           | Mani M5T  | Direct Push - 50-mm Hole Dia. | (SP-SM) gravelly SAND, fine to medium, poorly graded, some fines; dark brown; non-cohesive, moist, compact, Fill. | SP-SM |             | 0.00              | DP   | 100   |       |             |             |                  |                        |                          |         |
|           |           |                               | End of hole at 0.80 m.<br>Target Depth  |       |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 1         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 2         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 3         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 4         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                        |                          |         |
| 5         |           |                               |   |       |             |                   |      |       |       |             |             |                  |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 09, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-40

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 09, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677805.2 m E: 495996.9 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m)                | DRILL RIG | DRILL METHOD                        | MATERIAL PROFILE  |       |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING          | GROUNDWATER OBSERVATIONS |         |
|--------------------------|-----------|-------------------------------------|---|-------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|---------------------------------|--------------------------|---------|
|                          |           |                                     | DESCRIPTION   | USCS  | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                                 |                          | EC dS/m |
| 1                        | Marl MST  | Direct Push - 50-mm Hole Dia.       | (SP-SM) gravelly SAND, fine to medium, poorly graded, some fines; dark brown; non-cohesive, moist, dense, Fill. | SP-SM |             | 0.00              | DP   | 93    |       |             |             |                  |                                 | BH22-40-02<br>BTEX F1-F4 |         |
|                          |           |                                     | (PT) PEAT, fine., dark brown; cohesive, w ~ PL, Rootlets, trace sand.   | PT    |             | 0.60              |      |       |       |             |             |                  |                                 |                          |         |
|                          |           |                                     | (ML) CLAYEY SILT, medium plasticity, trace fine sand; dark brown; cohesive, w ~ PL, soft.                       | ML    |             | 0.80              |      |       |       |             |             |                  |                                 |                          |         |
|                          |           |                                     | (SW) SAND, fine to medium, well graded, trace fines; tannish brown; non-cohesive, moist, compact, Fill.         | SW    |             | 1.00              |      |       |       |             |             |                  |                                 |                          |         |
| - 1.20 to 2.10 m: Frozen |           |                                     |   |       |             |                   |      |       |       |             |             |                  | BH22-40-03, DUP G<br>BTEX F1-F4 |                          |         |
| 2                        |           | Solid Stem Auger - 102-mm Hole Dia. | - 1.50 to 1.60 m: Unknown Odour   |       |             |                   | AS   | 100   |       |             |             |                  |                                 | BH22-40-04<br>BTEX F1-F4 |         |
|                          |           |                                     | End of hole at 2.10 m.<br>Target Depth  |       |             |                   |      |       |       |             |             |                  |                                 |                          |         |
| 3                        |           |                                     |   |       |             |                   |      |       |       |             |             |                  |                                 |                          |         |
| 4                        |           |                                     |   |       |             |                   |      |       |       |             |             |                  |                                 |                          |         |
| 5                        |           |                                     |   |       |             |                   |      |       |       |             |             |                  |                                 |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 09, 2022  
 DATE: Nov 15, 2022



REV:  
A

# RECORD OF BOREHOLE: BH22-41

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 06, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677692.2 m E: 495810.1 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                 | MATERIAL PROFILE   |      |   | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|-----------|-----------|------------------------------|--|------|---|-------------------|------|-------|-------|-------------|-------------|------------------|------------------------|--------------------------|---------|
|           |           |                              | DESCRIPTION  | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                        |                          | EC dS/m |
|           | Mari MST  | Direct Push - 50mm Hole Dia. | (PT) PEAT; dark brown; cohesive, w ~ PL, very soft, Rootlets.                              | PT   |  | 0.00              | DP   | 76    |       |             |             |                  |                        |                          |         |
|           |           |                              | (SM) SILTY SAND, fine; dark brown; non-cohesive, moist, compact.<br>0.44 to 0.46 m: Frozen | SM   |  | 0.40              |      |       |       |             |             |                  |                        |                          |         |
|           |           |                              | End of hole at 0.46 m.<br>Target Depth   |      |   |                   |      |       |       |             |             |                  |                        |                          |         |
| 1         |           |                              |  |      |   |                   |      |       |       |             |             |                  |                        |                          |         |
| 2         |           |                              |  |      |   |                   |      |       |       |             |             |                  |                        |                          |         |
| 3         |           |                              |  |      |   |                   |      |       |       |             |             |                  |                        |                          |         |
| 4         |           |                              |  |      |   |                   |      |       |       |             |             |                  |                        |                          |         |
| 5         |           |                              |  |      |   |                   |      |       |       |             |             |                  |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 06, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-42

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 06, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677706.7 m E: 495778.6 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE   |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |  |
|-----------|-----------|-------------------------------|--|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|------------------------|--------------------------|--|
|           |           |                               | DESCRIPTION  | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                        |                          | EC dS/m  |
|           | MariM5T   | Direct Push - 50-mm Hole Dia. | (PT) PEAT; very dark brown; cohesive, w ~ PL, very soft, Rootlets. | PT   |             | 0.00              | DP   | 100   |       |             |             |                  |                        |                          | BH22-42-01<br>BTEX F1-F4, PAHs, Salinity, Metals |
|           |           |                               | (SM) SILTY SAND; dark brown; non-cohesive, moist, compact.         | SM   |             | 0.30              |      |       |       |             |             |                  |                        |                          |  |
|           |           |                               | 0.59 to 0.60 m: Frozen   |      |             |                   |      |       |       |             |             |                  |                        |                          |  |
|           |           |                               | End of hole at 0.60 m. Target Depth                                |      |             |                   |      |       |       |             |             |                  |                        |                          |  |
| 1         |           |                               |  |      |             |                   |      |       |       |             |             |                  |                        |                          |  |
| 2         |           |                               |  |      |             |                   |      |       |       |             |             |                  |                        |                          |  |
| 3         |           |                               |  |      |             |                   |      |       |       |             |             |                  |                        |                          |  |
| 4         |           |                               |  |      |             |                   |      |       |       |             |             |                  |                        |                          |  |
| 5         |           |                               |  |      |             |                   |      |       |       |             |             |                  |                        |                          |  |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 06, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-44

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 06, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677779.5 m E: 495773.2 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                 | MATERIAL PROFILE   |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ENVIRO DATA | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|-----------|-----------|------------------------------|--|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|-------------|------------------------|--------------------------|---------|
|           |           |                              | DESCRIPTION  | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |             |                        |                          | EC dS/m |
|           | Marl MST  | Direct Push - 50 mm Hole Dia | (PT) PEAT; very dark brown; cohesive, w ~ PL, very soft, Rootlets.<br>- 0.15 to 0.34 m: Frozen | PT   |             | 0.00              | DP   | 47    |       |             |             |                  |             |                        |                          |         |
|           |           |                              | End of hole at 0.34 m.<br>Refusal  |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 1         |           |                              |  |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 2         |           |                              |  |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 3         |           |                              |  |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 4         |           |                              |  |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |
| 5         |           |                              |  |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 06, 2022  
 DATE: Nov 15, 2022



REV:  
A

# RECORD OF BOREHOLE: BH22-45

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 06, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677801.9 m E: 495769.5 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                                 | DRILL METHOD | MATERIAL PROFILE   |      |   | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING                              | GROUNDWATER OBSERVATIONS |
|-----------|---|--------------|--|------|---|-------------------|------|-------|-------|-------------|-------------|------------------|---|--------------------------|
|           |   |              | DESCRIPTION  | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |   |                          |
|           | Marl MST<br>Direct Push - 50-mm Hole Dia. |              | (PT) PEAT; very dark brown; cohesive, w ~ PL, very soft, Rootlets.                           | PT   |  | 0.00              | DP   | 43    |       | X           | ⊕           | ▽                | BH22-45-01<br>BTEX F1-F4, PAHs,<br>Salinity, Metals |                          |
|           |   |              | (SM) SILTY SAND, fine; dark brown; non-cohesive, moist, compact.<br>- 0.30 to 0.42 m: Frozen | SM   |  | 0.21              |      |       |       |             |             |                  |   |                          |
| 1         |   |              | End of hole at 0.42 m.<br>Target Depth   |      |   |                   |      |       |       |             |             |                  |   |                          |
| 2         |   |              |  |      |   |                   |      |       |       |             |             |                  |   |                          |
| 3         |   |              |  |      |   |                   |      |       |       |             |             |                  |   |                          |
| 4         |   |              |  |      |   |                   |      |       |       |             |             |                  |   |                          |
| 5         |   |              |  |      |   |                   |      |       |       |             |             |                  |   |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 06, 2022  
 DATE: Nov 15, 2022

REV:

A



# RECORD OF BOREHOLE: BH22-46

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 07, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677862.3 m E: 495776.2 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE   |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ENVIRO DATA | ADDITIONAL LAB TESTING                              | GROUNDWATER OBSERVATIONS |
|-----------|-----------|-------------------------------|--|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|-------------|---|--------------------------|
|           |           |                               | DESCRIPTION  | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |             |   |                          |
|           | Mini MST  | Direct Push - 50 mm Hole Dia. | (PT) PEAT; very dark brown; cohesive, w ~ PL, very soft, Rootlets.<br>- 0.20 to 0.35 m: Frozen | PT   |             | 0.00              | DP   | 86    |       |             | ⊕           | ⊖                |             | BH22-46-01<br>BTEX F1-F4, PAHs,<br>Salinity, Metals |                          |
|           |           |                               | End of hole at 0.35 m.<br>Target Depth   |      |             |                   |      |       |       |             |             |                  |             |   |                          |
| 1         |           |                               |  |      |             |                   |      |       |       |             |             |                  |             |   |                          |
| 2         |           |                               |  |      |             |                   |      |       |       |             |             |                  |             |   |                          |
| 3         |           |                               |  |      |             |                   |      |       |       |             |             |                  |             |   |                          |
| 4         |           |                               |  |      |             |                   |      |       |       |             |             |                  |             |   |                          |
| 5         |           |                               |  |      |             |                   |      |       |       |             |             |                  |             |   |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 07, 2022  
 DATE: Nov 15, 2022

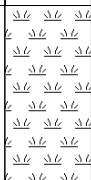

REV:  
A

# RECORD OF BOREHOLE: BH22-47

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 13, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677897.1 m E: 496110.5 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE                                       |      |   | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |   |         |   | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |   |   |   |             |     |     |                          |     |
|-----------|-----------|-------------------------------|--|------|---|-------------------|------|-------|-------|-------------|---|---------|---|------------------------|--------------------------|---|---|---|-------------|-----|-----|--------------------------|-----|
|           |           |                               | DESCRIPTION  | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE   | EC dS/m | 1 |                        |                          | 2 | 3 | 4 | Hexane ppmv | 100 | 200 | 300                      | 400 |
|           | MarlM5T   | Direct Push - 50-mm Hole Dia. | (PT) PEAT; dark brown; cohesive, w ~ PL, soft, Frozen. | PT   |  | 0.00              | DP   | 50    |       |             |  |         |   |                        |                          |   |   |   |             |     |     | BH22-47-01<br>BTEX F1-F4 |     |
| 1         |           |                               | End of hole at 0.60 m.<br>Target Depth                 |      |   |                   |      |       |       |             |   |         |   |                        |                          |   |   |   |             |     |     |                          |     |
| 2         |           |                               |  |      |   |                   |      |       |       |             |   |         |   |                        |                          |   |   |   |             |     |     |                          |     |
| 3         |           |                               |  |      |   |                   |      |       |       |             |   |         |   |                        |                          |   |   |   |             |     |     |                          |     |
| 4         |           |                               |  |      |   |                   |      |       |       |             |   |         |   |                        |                          |   |   |   |             |     |     |                          |     |
| 5         |           |                               |  |      |   |                   |      |       |       |             |   |         |   |                        |                          |   |   |   |             |     |     |                          |     |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 13, 2022  
 DATE: Nov 15, 2022


REV:  
A

# RECORD OF BOREHOLE: BH22-48

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 12, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677899.3 m E: 496136.3 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG  | DRILL METHOD    | MATERIAL PROFILE  |      |   | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|-----------|------------|-----------------|---|------|---|-------------------|------|-------|-------|-------------|-------------|------------------------|--------------------------|---------|
|           |            |                 | DESCRIPTION   | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE |                        |                          | EC dS/m |
|           | Hand Auger | 50-mm Hole Dia. | (PT) PEAT; dark brown; cohesive, w ~ PL, loose, Rootlets. | PT   |  | 0.00              | AS   |       |       |             |             |                        |                          |         |
|           |            |                 | End of hole at 0.30 m.<br>Target Depth                    |      |   |                   |      |       |       |             |             |                        |                          |         |
| 1         |            |                 |   |      |   |                   |      |       |       |             |             |                        |                          |         |
| 2         |            |                 |   |      |   |                   |      |       |       |             |             |                        |                          |         |
| 3         |            |                 |   |      |   |                   |      |       |       |             |             |                        |                          |         |
| 4         |            |                 |   |      |   |                   |      |       |       |             |             |                        |                          |         |
| 5         |            |                 |   |      |   |                   |      |       |       |             |             |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 12, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-49

Sheet 1 of 1

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 13, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677891.9 m E: 496161.0 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS        |         |
|-----------|-----------|-------------------------------|---|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------------|---------------------------------|---------|
|           |           |                               | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE |                        |                                 | EC dS/m |
| 1         | Marl MST  | Direct Push - 50-mm Hole Dia. | (PT) PEAT; dark brown; cohesive, w ~ PL, soft.  | PT   |             | 0.00              | DP   | 100   |       |             |             |                        | BH22-49-01, DUP M<br>BTEX F1-F4 |         |
|           |           |                               | - 0.60 to 1.50 m: Frozen  |      |             |                   |      |       |       |             |             |                        |                                 |         |
|           |           |                               | (SW) SAND, fine to medium, well graded, trace gravel; pale brown; non-cohesive, moist, loose. | SW   |             | 0.90              |      |       |       |             |             |                        | BH22-49-03<br>BTEX F1-F4        |         |
|           |           |                               | End of hole at 1.50 m.<br>Target Depth  |      |             |                   |      |       |       |             |             |                        |                                 |         |
| 2         |           |                               |   |      |             |                   |      |       |       |             |             |                        |                                 |         |
| 3         |           |                               |   |      |             |                   |      |       |       |             |             |                        |                                 |         |
| 4         |           |                               |   |      |             |                   |      |       |       |             |             |                        |                                 |         |
| 5         |           |                               |   |      |             |                   |      |       |       |             |             |                        |                                 |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 13, 2022  
 DATE: Nov 15, 2022

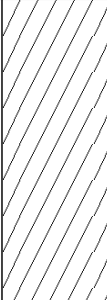
REV:  
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# RECORD OF BOREHOLE: BH22-51

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 15, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677592.0 m E: 496112.0 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                                 | DRILL METHOD | MATERIAL PROFILE   |      |  |                   | SAMPLING ACTIVITY |       |       |         | ADDITIONAL LAB TESTING                              | GROUNDWATER OBSERVATIONS |
|-----------|---|--------------|--|------|--|-------------------|-------------------|-------|-------|---------|---|--------------------------|
|           |   |              | DESCRIPTION  | USCS | STRATA PLOT  | ELEV. / DEPTH (m) | TYPE              | REC % | BLOWS | N-VALUE |   |                          |
| 1         | Hand Auger<br>Hand Auger - 50mm Hole Dia. |              | (CL) SILTY CLAY, non plastic, trace sand, trace gravel; dark brown; cohesive, w > PL, very soft, Rootlets. | CL   |  | 0.00              | AS                |       |       |         | BH22-51-01<br>BTEX F1-F4, PAHs,<br>Salinity, Metals |                          |
|           |   |              | End of hole at 1.00 m.<br>Target Depth   |      |  |                   | AS                |       |       |         | BH22-51-02<br>BTEX F1-F4, PAHs,<br>Salinity, Metals |                          |
| 2         |   |              |  |      |  |                   |                   |       |       |         |   |                          |
| 3         |   |              |  |      |  |                   |                   |       |       |         |   |                          |
| 4         |   |              |  |      |  |                   |                   |       |       |         |   |                          |
| 5         |   |              |  |      |  |                   |                   |       |       |         |   |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 15, 2022  
 DATE: Nov 15, 2022

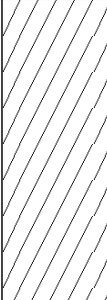
REV:  
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# RECORD OF BOREHOLE: BH22-52

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 15, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677626.0 m E: 496188.0 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                                  | DRILL METHOD | MATERIAL PROFILE   |      |  |                 | SAMPLING ACTIVITY |       |       |         | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS                            |             |
|-----------|--|--------------|--|------|--|-----------------|-------------------|-------|-------|---------|------------------------|---|-------------|
|           |  |              | DESCRIPTION  | USCS | STRATA PLOT  | ELEV. DEPTH (m) | TYPE              | REC % | BLOWS | N-VALUE |                        |   | SOIL SAMPLE |
| 1         | Hand Auger<br>Hand Auger - 50-mm Hole Dia. |              | (CL) SILTY CLAY, non plastic, trace sand, trace gravel; dark brown; cohesive, w > PL, very soft, Rootlets. | CL   |  | 0.00            | AS                |       |       |         |                        | BH22-52-01<br>BTEX F1-F4, PAHs,<br>Salinity, Metals |             |
|           |  |              | End of hole at 1.00 m.<br>Target Depth   |      |  |                 | AS                |       |       |         |                        | BH22-52-02<br>BTEX F1-F4, PAHs,<br>Salinity, Metals |             |
| 2         |  |              |  |      |  |                 |                   |       |       |         |                        |   |             |
| 3         |  |              |  |      |  |                 |                   |       |       |         |                        |   |             |
| 4         |  |              |  |      |  |                 |                   |       |       |         |                        |   |             |
| 5         |  |              |  |      |  |                 |                   |       |       |         |                        |   |             |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 15, 2022  
 DATE: Nov 15, 2022

REV:


A

# RECORD OF BOREHOLE: BH22-53

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 15, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7678023.0 m E: 495848.0 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                                 | DRILL METHOD | MATERIAL PROFILE   |      |  |                 | SAMPLING ACTIVITY |       |       |         | ADDITIONAL LAB TESTING                              | GROUNDWATER OBSERVATIONS |
|-----------|---|--------------|--|------|--|-----------------|-------------------|-------|-------|---------|---|--------------------------|
|           |   |              | DESCRIPTION  | USCS | STRATA PLOT  | ELEV. DEPTH (m) | TYPE              | REC % | BLOWS | N-VALUE |   |                          |
|           | Hand Auger<br>Hand Auger - 50mm Hole Dia. |              | (PT) PEAT; very dark brown; non-cohesive, moist, very loose, Rootlets. | PT   |  | 0.00            | AS                |       |       |         | BH22-53-01<br>BTEX F1-F4, PAHs,<br>Salinity, Metals |                          |
|           |   |              | End of hole at 0.50 m.<br>Target Depth                                 |      |  |                 | AS                |       |       |         | BH22-53-02<br>BTEX F1-F4, PAHs,<br>Salinity, Metals |                          |
| 1         |   |              |  |      |  |                 |                   |       |       |         |   |                          |
| 2         |   |              |  |      |  |                 |                   |       |       |         |   |                          |
| 3         |   |              |  |      |  |                 |                   |       |       |         |   |                          |
| 4         |   |              |  |      |  |                 |                   |       |       |         |   |                          |
| 5         |   |              |  |      |  |                 |                   |       |       |         |   |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 15, 2022  
 DATE: Nov 15, 2022

REV:


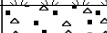
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# RECORD OF BOREHOLE: BH22-54

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 15, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677997.0 m E: 495843.0 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG  | DRILL METHOD                | MATERIAL PROFILE  |      |  |                 | SAMPLING ACTIVITY |       |       |         | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS                            |   |
|-----------|------------|-----------------------------|---|------|--|-----------------|-------------------|-------|-------|---------|------------------------|---|---|
|           |            |                             | DESCRIPTION   | USCS | STRATA PLOT  | ELEV. DEPTH (m) | TYPE              | REC % | BLOWS | N-VALUE |                        |   | SOIL SAMPLE   |
|           | Hand Auger | Hand Auger - 50mm Hole Dia. | (PT) PEAT; very dark brown; non-cohesive, moist, very loose, Rootlets.                        | PT   |  | 0.00            | AS                |       |       |         |                        | BH22-54-01<br>BTEX F1-F4, PAHs,<br>Salinity, Metals |   |
|           |            |                             | (SW) SAND, fine to medium, well graded, trace gravel; pale brown; non-cohesive, moist, loose. | SW   |  | 0.40            | AS                |       |       |         |                        |   | BH22-54-02<br>BTEX F1-F4, PAHs,<br>Salinity, Metals |
| 1         |            |                             | End of hole at 0.50 m.<br>Target Depth  |      |  |                 |                   |       |       |         |                        |   |   |
| 2         |            |                             |   |      |  |                 |                   |       |       |         |                        |   |   |
| 3         |            |                             |   |      |  |                 |                   |       |       |         |                        |   |   |
| 4         |            |                             |   |      |  |                 |                   |       |       |         |                        |   |   |
| 5         |            |                             |   |      |  |                 |                   |       |       |         |                        |   |   |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 15, 2022  
 DATE: Nov 15, 2022

REV:

A





# RECORD OF BOREHOLE: BH22-55

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 15, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677975.0 m E: 795839.0 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                  | DRILL METHOD | MATERIAL PROFILE  |      |  |                   | SAMPLING ACTIVITY |       |       |         | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS                            |   |
|-----------|----------------------------|--------------|---|------|--|-------------------|-------------------|-------|-------|---------|------------------------|---|---|
|           |                            |              | DESCRIPTION   | USCS | STRATA PLOT  | ELEV. / DEPTH (m) | TYPE              | REC % | BLOWS | N-VALUE |                        |   |   |
|           | Hand Auger - 50mm Hole Dia |              | (PT) PEAT; very dark brown; non-cohesive, moist, very loose, Rootlets.                        | PT   |  | 0.00              | AS                |       |       |         |                        | BH22-55-01<br>BTEX F1-F4, PAHs,<br>Salinity, Metals |   |
|           |                            |              | (SW) SAND, fine to medium, well graded, trace gravel; pale brown; non-cohesive, moist, loose. | SW   |  | 0.30              | AS                |       |       |         |                        |   | BH22-55-02<br>BTEX F1-F4, PAHs,<br>Salinity, Metals |
| 1         |                            |              | End of hole at 0.50 m.<br>Target Depth  |      |  |                   |                   |       |       |         |                        |   |   |
| 2         |                            |              |   |      |  |                   |                   |       |       |         |                        |   |   |
| 3         |                            |              |   |      |  |                   |                   |       |       |         |                        |   |   |
| 4         |                            |              |   |      |  |                   |                   |       |       |         |                        |   |   |
| 5         |                            |              |   |      |  |                   |                   |       |       |         |                        |   |   |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 15, 2022  
 DATE: Nov 15, 2022

REV:

A

# RECORD OF BOREHOLE: BH22-56

Sheet 1 of 1

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 24, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677833.0 m E: 495844.1 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                                 | DRILL METHOD | MATERIAL PROFILE  |      |                               | SAMPLING ACTIVITY |      |       |             | ENVIRO DATA   |                  |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|-----------|---|--------------|---|------|-------------------------------|-------------------|------|-------|-------------|---------------|------------------|------------------|------------------------|--------------------------|---------|
|           |   |              | DESCRIPTION   | USCS | STRATA PLOT                   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS       | N-VALUE       | SOIL SAMPLE      | Soil Vapour ppmv |                        |                          | EC dS/m |
| 1         | Marl M5T<br>Direct Push - 50-mm Hole Dia. |              | (PT) PEAT; very dark brown; cohesive, w ~ PL, very soft.<br>- 0.00 to 1.50 m: Rootlets                                  | PT   | [Strata Plot: 0.00 to 1.50 m] | 0.00              | DP   | 75    | [Blows: 75] | [N-Value: 90] | [Soil Sample: 0] | [Soil Vapour: 0] | [EC: 0]                |                          |         |
|           |   |              |   |      |                               |                   |      |       |             |               |                  |                  |                        |                          |         |
| 2         |   |              | (SM) SILTY SAND, fine, and fines; grey; non-cohesive, very dense.<br>- 1.50 to 2.10 m: Mottles (many, coarse, distinct) | SM   | [Strata Plot: 1.50 to 2.10 m] | 1.50              | DP   | 90    | [Blows: 90] | [N-Value: 90] | [Soil Sample: 0] | [Soil Vapour: 0] | [EC: 0]                |                          |         |
| 3         | End of hole at 2.10 m.<br>Refusal         |              |   |      |                               |                   |      |       |             |               |                  |                  |                        |                          |         |
| 4         |   |              |   |      |                               |                   |      |       |             |               |                  |                  |                        |                          |         |
| 5         |   |              |   |      |                               |                   |      |       |             |               |                  |                  |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JD  
 CHECKED: AB/LH

DATE: Aug 24, 2022  
 DATE: Nov 15, 2022

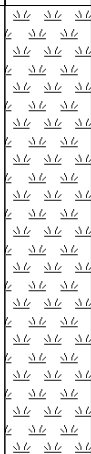



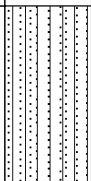



REV:  
A

# RECORD OF BOREHOLE: BH22-57

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 24, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677840.0 m E: 495869.7 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                                 | DRILL METHOD | MATERIAL PROFILE   |      |  | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA  |  |  | ADDITIONAL LAB TESTING   | GROUNDWATER OBSERVATIONS |
|-----------|---|--------------|--|------|--|-------------------|------|-------|-------|--|--|--|--------------------------|--------------------------|
|           |   |              | DESCRIPTION  | USCS | STRATA PLOT  | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE  | SOIL SAMPLE  | Soil Vapour ppmv   |                          |                          |
| 1         | Marl M5T<br>Direct Push - 50-mm Hole Dia. |              | (PT) PEAT; very dark brown; cohesive, w ~ PL, very soft.<br>- 0.00 to 0.50 m: Rootlets<br><br>- 0.50 to 2.10 m: Frozen   | PT   |   | 0.00              | DP   | 70    |       |   |   |   | BH22-57-01<br>BTEX F1-F4 |                          |
| 2         |   |              | (SM) SILTY SAND, fine, and fines; grey; non-cohesive, very dense.<br><br>- 1.70 to 1.80 m: Mottles (many, coarse, distinct)<br>- 1.80 to 2.10 m: Dark greyish brown, fine to medium, trace sub-angular gravel, poorly graded | SM   |  | 1.50              | DP   | 90    |       |  |  |  | BH22-57-03<br>BTEX F1-F4 |                          |
| 3         |   |              | End of hole at 2.10 m.<br>Refusal  |      |  |                   |      |       |       |  |  |  |                          |                          |
| 4         |   |              |  |      |  |                   |      |       |       |  |  |  |                          |                          |
| 5         |   |              |  |      |  |                   |      |       |       |  |  |  |                          |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JD  
 CHECKED: AB/LH

DATE: Aug 24, 2022  
 DATE: Nov 15, 2022

REV:  
A



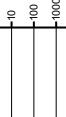
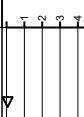
# RECORD OF BOREHOLE: BH22-58

Sheet 1 of 1

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 24, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677848.0 m E: 495893.0 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE   |      |   | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |   |   | ENVIRO DATA   | ADDITIONAL LAB TESTING   | GROUNDWATER OBSERVATIONS |
|-----------|-----------|-------------------------------|--|------|---|-------------------|------|-------|-------|-------------|---|---|---|--------------------------|--------------------------|
|           |           |                               | DESCRIPTION  | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE   | Soil Vapour ppmv  |   |                          |                          |
| 1         | Mari M5T  | Direct Push - 50-mm Hole Dia. | (PT) PEAT; very dark brown; cohesive, w ~ PL, very soft.<br>- 0.00 to 0.80 m: Rootlets | PT   |  | 0.00              | DP   | 60    |       |             |  |  |  | BH22-58-01<br>BTEX F1-F4 |                          |
|           |           |                               | - 0.50 to 2.40 m: Frozen   |      |   |                   |      |       |       |             |   |   |   |                          |                          |
|           |           |                               | ICE.   |      |   | 0.80              |      |       |       |             |   |   |   |                          |                          |
| 2         |           |                               |  |      |   |                   | DP   | 100   |       |             |   |   |   |                          |                          |
| 3         |           |                               | End of hole at 2.40 m.<br>Refusal  |      |   |                   |      |       |       |             |   |   |   |                          |                          |
| 4         |           |                               |  |      |   |                   |      |       |       |             |   |   |   |                          |                          |
| 5         |           |                               |  |      |   |                   |      |       |       |             |   |   |   |                          |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JD  
 CHECKED: AB/LH

DATE: Aug 24, 2022  
 DATE: Nov 15, 2022



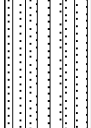
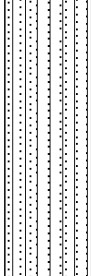
REV:  
A

# RECORD OF BOREHOLE: BH22-59

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 24, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677887.0 m E: 496005.6 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE  |      |   | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                          | ADDITIONAL LAB TESTING   | GROUNDWATER OBSERVATIONS |
|-----------|-----------|-------------------------------|---|------|---|-------------------|------|-------|-------|-------------|-------------|--------------------------|--------------------------|--------------------------|
|           |           |                               | DESCRIPTION   | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv         |                          |                          |
| 1         | Marl M5T  | Direct Push - 50-mm Hole Dia. | (PT) PEAT; very dark brown; cohesive, w ~ PL.<br>- 0.00 to 0.40 m: Rootlets   | PT   |  | 0.00              |      |       |       |             | ⊕           | ▽                        | BH22-59-01<br>BTEX F1-F4 |                          |
|           |           |                               | - 0.40 to 3.00 m: Frozen  |      |  | 0.50              | DP   | 80    |       |             | ⊕           | ▽                        |                          |                          |
|           |           |                               | (SM) SILTY SAND, fine, and fines; grey; non-cohesive, very dense.   | SM   |  |                   |      |       |       |             | ⊕           | ▽                        |                          |                          |
| 2         |           |                               | - 1.90 to 2.20 m: Mottles (few, coarse, faint)<br>- 1.90 to 3.00 m: Dark greyish brown, fine to medium, trace sub-angular gravel, poorly graded, trace organics |      |  |                   | DP   | 80    |       |             | ⊕           | ▽                        | BH22-59-03<br>BTEX F1-F4 |                          |
| 3         |           |                               | End of hole at 3.00 m.<br>Target Depth  |      |   |                   |      |       |       | ⊕           | ▽           | BH22-59-04<br>BTEX F1-F4 |                          |                          |
| 4         |           |                               |   |      |   |                   |      |       |       |             |             |                          |                          |                          |
| 5         |           |                               |   |      |   |                   |      |       |       |             |             |                          |                          |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:

REV:  
A



LOGGED: JD  
 CHECKED: AB/LH

DATE: Aug 24, 2022  
 DATE: Nov 15, 2022

# RECORD OF BOREHOLE: BH22-60

Sheet 1 of 1

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 26, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677592.0 m E: 496196.4 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                                 | DRILL METHOD | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ENVIRO DATA | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |  |
|-----------|---|--------------|---|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|-------------|------------------------|--------------------------|---------|--|
|           |   |              | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |             |                        |                          | EC dS/m |  |
| 0.00      |   |              | (CI) SILTY CLAY, medium plasticity; dark brown; cohesive, w ~ PL, soft.       |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |  |
| 1.00      | Mari MST<br>Direct Push - 50-mm Hole Dia. |              | - 1.00 to 1.50 m: Mottles (few, medium, distinct)<br>- 1.20 to 3.00 m: Frozen | CI   |             |                   |      |       |       |             |             |                  |             |                        |                          |         |  |
| 2.00      |   |              | - 2.00 to 3.00 m: Dark grey, unknown odour, trace thin ice layers             |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |  |
| 3.00      |   |              | End of hole at 3.00 m.<br>Refusal   |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |  |
| 4.00      |   |              |   |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |  |
| 5.00      |   |              |   |      |             |                   |      |       |       |             |             |                  |             |                        |                          |         |  |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JD  
 CHECKED: AB/LH

DATE: Aug 26, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-61

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 26, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677599.0 m E: 496217.2 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m)    | DRILL RIG | DRILL METHOD                        | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |  |
|--------------|-----------|-------------------------------------|---|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|------------------------|--------------------------|--|
|              |           |                                     | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                        |                          | EC dS/m                                  |
| 0.00         |           |                                     | (CI) SILTY CLAY, medium plasticity; dark brown; cohesive, w ~ PL, soft.<br>- 0.00 to 0.50 m: Trace fine sand, trace rounded gravel, poorly graded | CI   |             | 0.00              |      |       |       |             |             |                  |                        |                          |  |
| 0.50 to 2.30 |           | Direct Push - 50-mm Hole Dia.       | - 0.50 to 2.30 m: Firm  |      |             |                   |      |       |       |             |             |                  |                        |                          |  |
| 1.00         |           |                                     | - 1.00 m: Staining  |      |             |                   |      |       |       |             |             |                  |                        |                          |  |
| 2.30         | Mini M5T  |                                     | (SM) SILTY SAND, medium, and fines; grey; non-cohesive, wet, loose.   | SM   |             | 2.30              | DP   | 80    |       |             |             |                  |                        |                          | BH22-61-01<br>BTEX F1-F4,<br>Naphthalene |
| 3.00         |           |                                     | (CI) SILTY CLAY, medium plasticity; dark brown; cohesive.<br>- 3.00 to 4.50 m: Frozen   | CI   |             | 3.00              | DP   | 90    |       |             |             |                  |                        |                          | BH22-61-02<br>BTEX F1-F4,<br>Naphthalene |
| 3.00 to 4.50 |           | Solid Stem Auger - 102-mm Hole Dia. |   |      |             |                   |      |       |       |             |             |                  |                        |                          | BH22-61-03<br>BTEX F1-F4,<br>Naphthalene |
| 4.50         |           |                                     | End of hole at 4.50 m.<br>Target Depth  |      |             |                   | AS   | 65    |       |             |             |                  |                        |                          | BH22-61-04<br>BTEX F1-F4,<br>Naphthalene |
| 5.00         |           |                                     |   |      |             |                   |      |       |       |             |             |                  |                        |                          |  |

DEPTH SCALE: 1:25  
 HAMMER TYPE:

REV:  
A



LOGGED: JD  
 CHECKED: AB/LH

DATE: Aug 26, 2022  
 DATE: Nov 15, 2022

# RECORD OF BOREHOLE: BH22-62

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 26, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677589.0 m E: 496211.2 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m)    | DRILL RIG | DRILL METHOD | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |  |
|--------------|-----------|--------------|---|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|------------------------|--------------------------|--|
|              |           |              | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                        |                          | EC dS/m                                  |
| 0.00         |           |              | (CI) SILTY CLAY, medium plasticity; dark brown; cohesive, w ~ PL, soft.<br>- 0.00 to 0.40 m: Trace fine sand, trace rounded gravel, poorly graded |      |             | 0.00              |      |       |       |             |             |                  |                        |                          |  |
| 0.50 to 1.30 |           |              | Mottles (few, fine, distinct)   |      |             |                   |      | DP    | 70    |             |             |                  |                        |                          | BH22-62-01<br>BTEX F1-F4,<br>Naphthalene |
| 1.40 to 3.00 |           |              | Frozen  | CI   |             |                   |      | DP    | 100   |             |             |                  |                        |                          | BH22-62-02<br>BTEX F1-F4,<br>Naphthalene |
| 3.00         |           |              | End of hole at 3.00 m.<br>Target Depth  |      |             |                   |      |       |       |             |             |                  |                        |                          | BH22-62-03<br>BTEX F1-F4,<br>Naphthalene |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JD  
 CHECKED: AB/LH

DATE: Aug 26, 2022  
 DATE: Nov 15, 2022

REV:  
**A**



# RECORD OF BOREHOLE: BH22-63

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 26, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677917.8 m E: 496084.4 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m)                         | DRILL RIG                                  | DRILL METHOD                          | MATERIAL PROFILE   |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA              |             |                          | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |
|-----------------------------------|--|---------------------------------------|--|------|-------------|-------------------|------|-------|-------|--------------------------|-------------|--------------------------|------------------------|--------------------------|
|                                   |  |                                       | DESCRIPTION  | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE                  | SOIL SAMPLE | Soil Vapour ppmv         |                        |                          |
| 1                                 | Marl MST<br>Direct Push - 102-mm Hole Dia. | Solid Stem<br>Auger - 50-mm Hole Dia. | (SM) SILTY SAND, fine, and fines; grey; non-cohesive, moist, loose.                          | SM   | 0.00        | DP                | 70   | 77    | ⊕     | ⊕                        | ▽           | BH22-63-01<br>BTEX F1-F4 |                        |                          |
|                                   |  |                                       | (PT) PEAT; very dark brown; cohesive.<br>- 0.10 to 0.70 m: Rootlets                          | PT   | 0.10        |                   |      |       |       | ⊕                        | ▽           |                          |                        |                          |
|                                   |  |                                       | (SM) SILTY SAND, fine, and fines; grey; non-cohesive, dense.<br><br>- 1.00 to 1.80 m: Frozen | SM   | 0.70        |                   |      |       |       | ⊕                        | ▽           |                          |                        | BH22-63-02<br>BTEX F1-F4 |
| End of hole at 1.80 m.<br>Refusal |  |                                       |  |      |             |                   |      |       |       | BH22-63-03<br>BTEX F1-F4 |             |                          |                        |                          |
| 2                                 |  |                                       |  |      |             |                   |      |       |       |                          |             |                          |                        |                          |
| 3                                 |  |                                       |  |      |             |                   |      |       |       |                          |             |                          |                        |                          |
| 4                                 |  |                                       |  |      |             |                   |      |       |       |                          |             |                          |                        |                          |
| 5                                 |  |                                       |  |      |             |                   |      |       |       |                          |             |                          |                        |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JD  
 CHECKED: AB/LH

DATE: Aug 26, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-64

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 24, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677921.4 m E: 496103.3 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m)    | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING   | GROUNDWATER OBSERVATIONS |
|--------------|-----------|-------------------------------|---|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|--------------------------|--------------------------|
|              |           |                               | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                          |                          |
| 0.00         |           |                               | (SM) SILTY SAND, fine to medium, and fines, trace subangular gravel; dark greyish brown; non-cohesive, moist, loose.      | SM   |             | 0.00              | DP   | 50    |       |             |             |                  | BH22-64-01<br>BTEX F1-F4 |                          |
| 1.20         |           |                               | (PT) PEAT; very dark brown; cohesive.<br>- 1.20 m: Grey staining, unknown odour   | PT   |             | 1.20              |      |       |       |             |             |                  |                          |                          |
| 1.50         |           |                               | (SM) SILTY SAND, fine, and fines, trace subangular gravel; dark greyish brown.<br>- 1.50 to 4.50 m: Poorly graded, frozen | SM   |             | 1.50              |      |       |       |             |             |                  | BH22-64-02<br>BTEX F1-F4 |                          |
| 2.10 to 4.50 | Mari M5T  | Direct Push - 50-mm Hole Dia. | - 2.10 to 4.50 m: Fine to medium sand   | SM   |             |                   | DP   | 100   |       |             |             |                  |                          |                          |
| 4.50         |           |                               | End of hole at 4.50 m.<br>Target Depth  |      |             |                   | DP   | 75    |       |             |             |                  | BH22-64-04<br>BTEX F1-F4 |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JD  
 CHECKED: AB/LH

DATE: Aug 24, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-65

Sheet 1 of 1

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 24, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677915.6 m E: 496162.9 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m)   | DRILL RIG   | DRILL METHOD | MATERIAL PROFILE  |      |                                      | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|---|---|--------------|---|------|--------------------------------------|-------------------|------|-------|-------|-------------|-------------|------------------|------------------------|--------------------------|---------|
|   |   |              | DESCRIPTION   | USCS | STRATA PLOT                          | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                        |                          | EC dS/m |
| 1   | Mari M5T<br>Direct Push - 50-mm Hole Dia.                         |              | (PT) PEAT; very dark brown; cohesive, w ~ PL, very soft.<br>- 0.00 to 0.20 m: Rootlets  | PT   |                                      | 0.00              | DP   | 60    |       |             |             |                  |                        | BH22-65-01<br>BTEX F1-F4 |         |
|   |   |              | (SM) SILTY SAND, fine to medium, and fines, trace subangular gravel; dark greyish brown; non-cohesive, moist, loose.<br>- 0.20 to 1.60 m: Poorly graded | SM   |                                      | 0.20              |      |       |       |             |             |                  |                        |                          |         |
| (PT) PEAT; very dark brown; cohesive.<br>- 1.60 m: Dark grey staining<br>- 1.60 to 4.50 m: Frozen |   |              | PT  |      | 1.60                                 | DP                | 90   |       |       |             |             |                  |                        | BH22-65-02<br>BTEX F1-F4 |         |
| (SM) SILTY SAND, fine, and fines; grey; non-cohesive, very dense.                                 |   |              | SM  |      | 2.00                                 |                   |      |       |       |             |             |                  |                        |                          |         |
| 2   |   |              |   |      | ICE.<br>- 2.20 to 2.40 m: Trace silt |                   |      | 2.20  | DP    | 65          |             |                  |                        |                          |         |
|   | (SM) SILTY SAND, fine, and fines; grey; non-cohesive, very dense. | SM           |   |      |                                      | 2.40              |      |       |       |             |             |                  |                        |                          |         |
| 3   |   |              |   |      |                                      |                   |      |       |       |             |             |                  |                        |                          |         |
| 4   |   |              |   |      |                                      |                   |      |       |       |             |             |                  |                        |                          |         |
| 5   |   |              | End of hole at 4.50 m.<br>Target Depth  |      |                                      |                   |      |       |       |             |             |                  |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:

REV:  
A



LOGGED: JD  
 CHECKED: AB/LH

DATE: Aug 24, 2022  
 DATE: Nov 15, 2022

# RECORD OF BOREHOLE: BH22-66

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 24, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677901.6 m E: 496183.2 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE  |      |               | SAMPLING ACTIVITY |      |       |         | ENVIRO DATA |               |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|-----------|-----------|-------------------------------|---|------|---------------|-------------------|------|-------|---------|-------------|---------------|------------------|------------------------|--------------------------|---------|
|           |           |                               | DESCRIPTION   | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS   | N-VALUE     | SOIL SAMPLE   | Soil Vapour ppmv |                        |                          | EC dS/m |
| 1         | Mari MST  | Direct Push - 50-mm Hole Dia. | (SM) SILTY SAND, fine to medium, and fines, trace subangular gravel; dark greyish brown; non-cohesive, moist, loose.<br>- 0.00 to 1.20 m: Poorly graded | SM   | [Strata Plot] | 0.00              | DP   | 60    | [Blows] | [N-Value]   | [Soil Sample] | [Soil Vapour]    | [EC]                   | BH22-66-01<br>BTEX F1-F4 |         |
|           |           |                               | (PT) PEAT; very dark brown; cohesive, w ~ PL.   | PT   | [Strata Plot] | 1.20              |      |       |         |             |               |                  |                        |                          |         |
|           |           |                               | (SM) SILTY SAND, fine to medium, and fines, trace gravel; dark greyish brown.<br>- 1.60 to 3.00 m: Frozen   | SM   | [Strata Plot] | 1.50              |      |       |         |             |               |                  |                        |                          |         |
|           |           |                               | ICE.  |      |               | 2.20              |      |       |         |             |               |                  |                        |                          |         |
| 2         |           |                               | (SM) SILTY SAND, fine, and fines; grey; non-cohesive, very dense.   | SM   | [Strata Plot] | 2.60              | DP   | 60    |         |             |               |                  |                        | BH22-66-02<br>BTEX F1-F4 |         |
| 3         |           |                               | End of hole at 3.00 m.<br>Target Depth  |      |               |                   |      |       |         |             |               |                  |                        | BH22-66-03<br>BTEX F1-F4 |         |
| 4         |           |                               |   |      |               |                   |      |       |         |             |               |                  |                        |                          |         |
| 5         |           |                               |   |      |               |                   |      |       |         |             |               |                  |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:

REV:  
A



LOGGED: JD  
 CHECKED: AB/LH

DATE: Aug 24, 2022  
 DATE: Nov 15, 2022

# RECORD OF BOREHOLE: BH22-67

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 26, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677946.5 m E: 496108.2 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE  |      |                       | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING   | GROUNDWATER OBSERVATIONS |                          |
|-----------|-----------|-------------------------------|---|------|-----------------------|-------------------|------|-------|-------|-------------|-------------|------------------|--------------------------|--------------------------|--------------------------|
|           |           |                               | DESCRIPTION   | USCS | STRATA PLOT           | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                          |                          | EC dS/m                  |
| 1         | Mari MST  | Direct Push - 50-mm Hole Dia. | (SM) SILTY SAND, fine to medium, and fines, trace subangular gravel; dark greyish brown; non-cohesive, moist, loose.<br>- 0.00 to 0.50 m: Poorly graded | SM   | [Strata Plot: Dotted] | 0.00              |      |       |       |             | ⊕           | ▽                | BH22-67-01<br>BTEX F1-F4 |                          |                          |
|           |           |                               | (PT) PEAT; very dark brown; cohesive, w ~ PL, very soft.<br>- 0.50 to 1.40 m: Rootlets  | PT   | [Strata Plot: Wavy]   | 0.50              | DP   | 68    |       |             |             | ⊕                | ▽                        | BH22-67-02<br>BTEX F1-F4 |                          |
|           |           |                               | (SM) SILTY SAND, fine, and fines; grey; non-cohesive, very dense.<br>- 1.50 to 2.00 m: Mottles (few, fine, faint)<br>- 1.50 to 3.00 m: Frozen           | SM   | [Strata Plot: Dotted] | 1.40              | DP   | 100   |       |             |             |                  | ⊕                        | ▽                        | BH22-67-03<br>BTEX F1-F4 |
| 3         |           |                               | End of hole at 3.00 m.<br>Target Depth  |      |                       |                   |      |       |       |             | ⊕           | ▽                | BH22-67-04<br>BTEX F1-F4 |                          |                          |
| 4         |           |                               |   |      |                       |                   |      |       |       |             |             |                  |                          |                          |                          |
| 5         |           |                               |   |      |                       |                   |      |       |       |             |             |                  |                          |                          |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JD  
 CHECKED: AB/LH

DATE: Aug 26, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-68

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 26, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677921.0 m E: 496184.5 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE   |      |               | SAMPLING ACTIVITY |      |       |         | ENVIRO DATA |               |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |         |
|-----------|-----------|-------------------------------|--|------|---------------|-------------------|------|-------|---------|-------------|---------------|------------------|------------------------|--------------------------|---------|
|           |           |                               | DESCRIPTION  | USCS | STRATA PLOT   | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS   | N-VALUE     | SOIL SAMPLE   | Soil Vapour ppmv |                        |                          | EC dS/m |
| 1         | Marl MST  | Direct Push - 50-mm Hole Dia. | (SM) SILTY SAND, fine to medium, and fines, trace subrounded gravel; dark greyish brown; non-cohesive, moist, loose.<br>- 0.00 to 0.50 m: Trace cobbles, poorly graded | SM   | [Strata Plot] | 0.00              | DP   | 80    | [Blows] | [N-Value]   | [Soil Sample] | [Soil Vapour]    | [EC]                   | BH22-68-01<br>BTEX F1-F4 |         |
|           |           |                               | (PT) PEAT; very dark brown; cohesive, w ~ PL, very soft.<br>- 0.50 to 1.50 m: Rootlets   | PT   | [Strata Plot] | 0.50              |      |       |         |             |               |                  |                        |                          |         |
|           |           |                               | - 1.20 to 3.00 m: Frozen<br>- 1.30 to 1.40 m: Ice inclusions   |      |               |                   |      |       |         |             |               |                  |                        |                          |         |
|           |           |                               | (SM) SILTY SAND, fine, and fines; grey; non-cohesive, very dense.<br>- 1.50 to 1.60 m: Ice inclusions  | SM   | [Strata Plot] | 1.50              |      |       |         |             |               |                  |                        |                          |         |
|           |           |                               | (PT) PEAT; very dark brown; cohesive.  | PT   | [Strata Plot] | 1.70              |      |       |         |             |               |                  |                        |                          |         |
| 2         | Marl MST  | Direct Push - 50-mm Hole Dia. | (SM) SILTY SAND, fine, and fines; grey; non-cohesive, very dense.<br>- 2.20 to 3.00 m: Fine to medium, trace subangular gravel, dark greyish brown, poorly graded      | SM   | [Strata Plot] | 1.90              | DP   | 95    | [Blows] | [N-Value]   | [Soil Sample] | [Soil Vapour]    | [EC]                   | BH22-68-02<br>BTEX F1-F4 |         |
|           |           |                               |  |      |               |                   |      |       |         |             |               |                  |                        |                          |         |
| 3         |           |                               | End of hole at 3.00 m.<br>Target Depth   |      |               |                   |      |       |         |             |               |                  |                        |                          |         |
| 4         |           |                               |  |      |               |                   |      |       |         |             |               |                  |                        |                          |         |
| 5         |           |                               |  |      |               |                   |      |       |         |             |               |                  |                        |                          |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:

REV:  
A



LOGGED: JD  
 CHECKED: AB/LH

DATE: Aug 26, 2022  
 DATE: Nov 15, 2022

# RECORD OF BOREHOLE: BH22-69

Sheet 1 of 1

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 26, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677580.1 m E: 496193.2 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m)      | DRILL RIG | DRILL METHOD | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS |                          |
|----------------|-----------|--------------|---|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|------------------------|--------------------------|--------------------------|
|                |           |              | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                        |                          | EC dS/m                  |
| 0.00           |           |              | (CI) SILTY CLAY, medium plasticity; dark brown; cohesive, w ~ PL, soft. |      |             | 0.00              |      |       |       |             |             |                  |                        |                          |                          |
| 0.50 to 1.00 m |           |              | Mottles (few, fine, faint)  |      |             |                   |      |       |       |             |             |                  |                        |                          |                          |
| 1.00 to 2.00 m |           |              | W>PL  |      |             |                   |      |       |       |             |             |                  |                        |                          | BH22-69-01<br>BTEX F1-F4 |
| 2.00 to 3.00 m |           |              | Ice layers  |      |             |                   |      |       |       |             |             |                  |                        |                          |                          |
| 2.00 to 4.50 m |           |              | Frozen  |      |             |                   |      |       |       |             |             |                  |                        |                          |                          |
| 2.20 m         |           |              | Staining  |      |             |                   |      |       |       |             |             |                  |                        |                          |                          |
| 2.80 m         |           |              | Staining, unknown odour   |      |             |                   |      |       |       |             |             |                  |                        |                          | BH22-69-03<br>BTEX F1-F4 |
| 4.50 m         |           |              | End of hole at 4.50 m. Target Depth                                     |      |             |                   |      |       |       |             |             |                  |                        |                          | BH22-69-04<br>BTEX F1-F4 |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JD  
 CHECKED: AB/LH

DATE: Aug 26, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: BH22-70

Sheet 1 of 1

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 26, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677878.0 m E: 495882.5 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                  | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ADDITIONAL LAB TESTING   | GROUNDWATER OBSERVATIONS |
|-----------|-----------|-------------------------------|---|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|--------------------------|--------------------------|
|           |           |                               | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |                          |                          |
| 1         | Marl MST  | Direct Push - 50-mm Hole Dia. | (PT) PEAT; very dark brown.<br>- 0.10 to 1.60 m: Frozen   | PT   |             | 0.00              | DP   | 70    |       |             |             |                  | BH22-70-01<br>BTEX F1-F4 |                          |
|           |           |                               | (SM) SILTY SAND, fine, and fines; grey; non-cohesive, very dense.<br>- 0.50 to 1.00 m: Mottles (few, fine, faint) | SM   |             | 0.20              |      |       |       |             |             |                  |                          |                          |
|           |           |                               | - 1.00 to 1.60 m: Fine to medium, trace subangular gravel, dark greyish brown, poorly graded                      |      |             |                   |      |       |       |             |             |                  |                          |                          |
| 2         |           |                               | End of hole at 1.60 m.<br>Refusal   |      |             |                   |      |       |       |             |             |                  |                          |                          |
| 3         |           |                               |   |      |             |                   |      |       |       |             |             |                  |                          |                          |
| 4         |           |                               |   |      |             |                   |      |       |       |             |             |                  |                          |                          |
| 5         |           |                               |   |      |             |                   |      |       |       |             |             |                  |                          |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JD  
 CHECKED: AB/LH

DATE: Aug 26, 2022  
 DATE: Nov 15, 2022

REV:  
A



# RECORD OF BOREHOLE: MW22-02

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 07, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677816.4 m E: 495850.8 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                   | MATERIAL PROFILE   |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS | CONSTRUCTION AND INSTALLATION DETAILS |  |
|-----------|-----------|--------------------------------|--|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------------|--------------------------|---------------------------------------|--|
|           |           |                                | DESCRIPTION  | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE |                        |                          |                                       | Soil Vapour ppmv   |
|           | Marl MST  | Direct Push - 102-mm Hole Dia. | (PT) PEAT; black; cohesive, w ~ PL, very soft, Rootlets.<br>- 0.20 to 0.45 m: Frozen | PT   |             | 0.00              | DP   | 67    |       |             |             |                        |                          |                                       | <p>Pipe Stickup: 0.50 m<br/>                     0.00 - 0.05 m bgs: Filter Sand<br/>                     0.05 - 0.25 m bgs: Bentonite Chips/Cuttings<br/>                     0.25 - 0.45 m bgs: Filter Sand</p> |
| 1         |           |                                | End of hole at 0.45 m. Target Depth  |      |             |                   |      |       |       |             |             |                        |                          |                                       |  |
| 2         |           |                                |  |      |             |                   |      |       |       |             |             |                        |                          |                                       |  |
| 3         |           |                                |  |      |             |                   |      |       |       |             |             |                        |                          |                                       |  |
| 4         |           |                                |  |      |             |                   |      |       |       |             |             |                        |                          |                                       |  |
| 5         |           |                                |  |      |             |                   |      |       |       |             |             |                        |                          |                                       |  |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 07, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: MW22-09

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 13, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677884.8 m E: 496065.5 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                   | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS | CONSTRUCTION AND INSTALLATION DETAILS |         |
|-----------|-----------|--------------------------------|---|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------------|--------------------------|---------------------------------------|---------|
|           |           |                                | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE |                        |                          |                                       | EC dS/m |
| 1         | Man M5T   | Direct Push - 102-mm Hole Dia. | (PT) PEAT; dark brown; cohesive, w ~ PL, soft, Frozen.                                  | PT   |             | 0.00              | DP   | 100   |       |             |             |                        |                          |                                       |         |
|           |           |                                | (SW) SAND, fine to medium, well graded, trace gravel; pale brown; moist, loose, Frozen. | SW   |             | 0.70              |      |       |       |             |             |                        |                          |                                       |         |
|           |           |                                | End of hole at 0.80 m. Target Depth   |      |             |                   |      |       |       |             |             |                        |                          |                                       |         |
| 2         |           |                                |   |      |             |                   |      |       |       |             |             |                        |                          |                                       |         |
| 3         |           |                                |   |      |             |                   |      |       |       |             |             |                        |                          |                                       |         |
| 4         |           |                                |   |      |             |                   |      |       |       |             |             |                        |                          |                                       |         |
| 5         |           |                                |   |      |             |                   |      |       |       |             |             |                        |                          |                                       |         |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 13, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: MW22-13

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 12, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677805.2 m E: 496232.4 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                   | MATERIAL PROFILE   |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS | CONSTRUCTION AND INSTALLATION DETAILS |   |
|-----------|-----------|--------------------------------|--|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------------|--------------------------|---------------------------------------|---|
|           |           |                                | DESCRIPTION  | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE |                        |                          |                                       | EC dS/m   |
|           | Mani M5T  | Direct Push - 102-mm Hole Dia. | (PT) PEAT; dark brown; cohesive, w ~ PL, soft.<br><br>- 0.20 to 0.80 m: Frozen | PT   |             | 0.00              | DP   | 100   |       |             |             |                        |                          |                                       | <p>0.00 - 0.10 m bgs: Filter Sand<br/>                     0.10 - 0.30 m bgs: Bentonite Chips/Cuttings<br/>                     0.30 - 0.50 m bgs: Filter Sand<br/>                     0.50 - 0.80 m bgs: Bentonite Chips/Cuttings</p> |
| 1         |           |                                | End of hole at 0.80 m.<br>Target Depth   |      |             |                   |      |       |       |             |             |                        |                          |                                       |   |
| 2         |           |                                |  |      |             |                   |      |       |       |             |             |                        |                          |                                       |   |
| 3         |           |                                |  |      |             |                   |      |       |       |             |             |                        |                          |                                       |   |
| 4         |           |                                |  |      |             |                   |      |       |       |             |             |                        |                          |                                       |   |
| 5         |           |                                |  |      |             |                   |      |       |       |             |             |                        |                          |                                       |   |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 12, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: MW22-16

Sheet 1 of 1

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 12, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677674.4 m E: 496288.8 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                   | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS | CONSTRUCTION AND INSTALLATION DETAILS |                                       |  |
|-----------|-----------|--------------------------------|---|------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------------|--------------------------|---------------------------------------|---------------------------------------|--|
|           |           |                                | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE |                        |                          |                                       | EC dS/m                               | Hexane ppmv  |
| 0         | Mani M5T  | Direct Push - 102-mm Hole Dia. | (PT) PEAT; dark brown; w ~ PL, soft, Rootlets.                    | PT   |             | 0.00              | DP   | 69    |       |             |             |                        | MW22-16-01<br>BTEX F1-F4 |                                       | <br>0.00 - 0.10 m bgs:<br>Filter Sand |  |
|           |           |                                | (SW) SAND, fine to medium, well graded; pale brown; moist, loose. | SW   |             | 0.30              |      |       |       |             |             |                        |                          |                                       |                                       | 0.10 - 0.55 m bgs:<br>Bentonite Chips/<br>Cuttings |
|           |           |                                | - 0.70 m: Frozen  |      |             |                   |      |       |       |             |             |                        |                          |                                       |                                       |  |
| 1         |           |                                | End of hole at 0.80 m.<br>Target Depth                            |      |             |                   |      |       |       |             |             |                        |                          |                                       |                                       |  |
| 2         |           |                                |   |      |             |                   |      |       |       |             |             |                        |                          |                                       |                                       |  |
| 3         |           |                                |   |      |             |                   |      |       |       |             |             |                        |                          |                                       |                                       |  |
| 4         |           |                                |   |      |             |                   |      |       |       |             |             |                        |                          |                                       |                                       |  |
| 5         |           |                                |   |      |             |                   |      |       |       |             |             |                        |                          |                                       |                                       |  |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 12, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: MW22-22

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 12, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677602.6 m E: 496209.8 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG                                  | DRILL METHOD           | MATERIAL PROFILE   |  |             | SAMPLING ACTIVITY |      |       | ENVIRO DATA |         |             |         | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS | CONSTRUCTION AND INSTALLATION DETAILS |                                   |  |                                   |
|-----------|--|------------------------|--|--|-------------|-------------------|------|-------|-------------|---------|-------------|---------|------------------------|--------------------------|---------------------------------------|-----------------------------------|--|-----------------------------------|
|           |  |                        | DESCRIPTION  | USCS   | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS       | N-VALUE | SOIL SAMPLE | EC dS/m |                        |                          |                                       | Hexane ppmv                       |  |                                   |
| 0.00      | Mari MST<br>Direct Push - 102-mm Hole Dia. | - 1.30 to 1.50 m: Firm | (ML) CLAYEY SILT, medium plasticity, trace gravel; dark brown; cohesive, w ~ PL, soft. | ML   |             | 0.00              | DP   | 67    |             |         |             |         |                        |                          |                                       | 0.00 - 0.30 m bgs:<br>Filter Sand |  |                                   |
| 1.30      |  |                        |  |  |             |                   |      |       |             |         |             |         |                        |                          |                                       |                                   | 0.30 - 1.20 m bgs:<br>Bentonite Chips/<br>Cuttings |                                   |
| 2.00      |  |                        |  | (SW-SM) SAND, fine, well graded, some fines; dark brown; non-cohesive, wet, compact. | SW-SM       |                   | 2.00 | DP    |             |         |             |         |                        |                          |                                       |                                   |  | 1.20 - 2.70 m bgs:<br>Filter Sand |
| 2.60      |  |                        |  | (ML) CLAYEY SILT, medium plasticity; dark brown; w ~ PL, stiff.                      | ML          |                   | 2.60 |       |             |         |             |         |                        |                          |                                       |                                   |  | 2.70 - 3.00 m bgs:<br>Slough      |
| 3.00      |  |                        |  | End of hole at 3.00 m.<br>Target Depth   |             |                   |      |       |             |         |             |         |                        |                          |                                       |                                   |  |                                   |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 12, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: MW22-23

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 13, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677539.6 m E: 496089.2 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG        | DRILL METHOD                   | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       | ENVIRO DATA |         |             |         | ADDITIONAL LAB TESTING | GROUNDWATER OBSERVATIONS | CONSTRUCTION AND INSTALLATION DETAILS |   |
|-----------|------------------|--------------------------------|---|------|-------------|-------------------|------|-------|-------------|---------|-------------|---------|------------------------|--------------------------|---------------------------------------|---|
|           |                  |                                | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS       | N-VALUE | SOIL SAMPLE | EC dS/m |                        |                          |                                       | Hexane ppmv                                 |
| 0.00      | Mari MST         | Direct Push - 102-mm Hole Dia. | (CL) SILTY CLAY, low plasticity, some sand; dark brown; cohesive, w > PL, very soft.          | CL   |             | 0.00              | DP   | 20    |             |         |             |         |                        |                          |                                       | 0.00 - 0.10 m bgs: Filter Sand              |
| 0.90      |                  |                                | (SW) SAND, fine to medium, well graded, trace gravel; dark brown; non-cohesive, moist, loose. | SW   |             | 0.90              |      |       |             |         |             |         |                        |                          |                                       |   |
| 2.40      | Solid Stem Auger | - 2.40 to 3.00 m: Frozen       |   |      |             |                   | AS   | 100   |             |         |             |         |                        |                          |                                       | 0.10 - 0.30 m bgs: Bentonite Chips/Cuttings |
| 2.10      |                  |                                |   |      |             |                   |      |       |             |         |             |         |                        |                          |                                       |   |
| 3.00      |                  |                                | End of hole at 3.00 m. Target Depth   |      |             |                   |      |       |             |         |             |         |                        |                          |                                       | 0.30 - 2.10 m bgs: Filter Sand              |
| 3.00      |                  |                                |   |      |             |                   |      |       |             |         |             |         |                        |                          |                                       | 2.10 - 3.00 m bgs: Slough                   |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: JM  
 CHECKED: AB/LH

DATE: Aug 13, 2022  
 DATE: Nov 15, 2022

REV: A

# RECORD OF BOREHOLE: MW22-43

CLIENT: Shell Canada Limited  
 PROJECT: Camp Farewell 2022  
 PROJECT NO: 22525414-1200  
 LOCATION: Camp Farewell, NT

DATE: August 06, 2022  
 INCLINATION: 90.0°  
 CONTRACTOR: Tundra Drilling Inc.

ELEVATION: Data Not Available  
 COORDINATES: N: 7677736.4 m E: 495773.2 m  
 COORD SYS: UTM Zone 08N  
 HORZ DATUM: NAD83

| DEPTH (m) | DRILL RIG | DRILL METHOD                   | MATERIAL PROFILE   |              |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |                  | ENVIRO DATA | ADDITIONAL LAB TESTING                              | GROUNDWATER OBSERVATIONS | CONSTRUCTION AND INSTALLATION DETAILS  |                          |
|-----------|-----------|--------------------------------|--|--------------|-------------|-------------------|------|-------|-------|-------------|-------------|------------------|-------------|---|--------------------------|--|--------------------------|
|           |           |                                | DESCRIPTION  | USCS         | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | Soil Vapour ppmv |             |   |                          | EC dS/m  | GROUNDWATER OBSERVATIONS |
|           | Marl MST  | Direct Push - 102-mm Hole Dia. | (PT) PEAT; very dark brown; cohesive, w ~ PL, very soft, Rootlets.<br><br>(SM) SILTY SAND, fine; dark brown; non-cohesive, moist, compact. | PT<br><br>SM |             | 0.00<br><br>0.20  | DP   | 71    |       |             |             |                  |             | MW22-43-01<br>BTEX F1-F4, PAHs,<br>Salinity, Metals |                          | <p>Pipe Stickup: 0.50 m<br/>                     0.00 - 0.05 m bgs: Filter Sand<br/>                     0.05 - 0.36 m bgs: Bentonite Chips/Cuttings<br/>                     0.36 - 0.56 m bgs: Filter Sand</p> |                          |
| 1         |           |                                | 0.54 to 0.56 m: Frozen<br>End of hole at 0.56 m.<br>Target Depth   |              |             |                   |      |       |       |             |             |                  |             |   |                          |  |                          |
| 2         |           |                                |  |              |             |                   |      |       |       |             |             |                  |             |   |                          |  |                          |
| 3         |           |                                |  |              |             |                   |      |       |       |             |             |                  |             |   |                          |  |                          |
| 4         |           |                                |  |              |             |                   |      |       |       |             |             |                  |             |   |                          |  |                          |
| 5         |           |                                |  |              |             |                   |      |       |       |             |             |                  |             |   |                          |  |                          |

DEPTH SCALE: 1:25  
 HAMMER TYPE:



LOGGED: ML  
 CHECKED: AB/LH

DATE: Aug 06, 2022  
 DATE: Nov 15, 2022

REV:  
A

# RECORD OF BOREHOLE: MW22-50

|                              |                                  |   |
|------------------------------|----------------------------------|---|
| CLIENT: Shell Canada Limited | DATE: August 06, 2022            | ELEVATION: Data Not Available             |
| PROJECT: Camp Farewell 2022  |                                  | COORDINATES: N: 7677883.8 m E: 496178.8 m |
| PROJECT NO: 22525414-1200    | INCLINATION: 90.0°               | COORD SYS: UTM Zone 08N                   |
| LOCATION: Camp Farewell, NT  | CONTRACTOR: Tundra Drilling Inc. | HORZ DATUM: NAD83                         |

| DEPTH (m) | DRILL RIG | DRILL METHOD                   | MATERIAL PROFILE  |      |             | SAMPLING ACTIVITY |      |       |       | ENVIRO DATA |             |         |             | ADDITIONAL LAB TESTING   | GROUNDWATER OBSERVATIONS | CONSTRUCTION AND INSTALLATION DETAILS  |
|-----------|-----------|--------------------------------|---|------|-------------|-------------------|------|-------|-------|-------------|-------------|---------|-------------|--------------------------|--------------------------|--|
|           |           |                                | DESCRIPTION   | USCS | STRATA PLOT | ELEV. DEPTH (m)   | TYPE | REC % | BLOWS | N-VALUE     | SOIL SAMPLE | EC dS/m | Hexane ppmv |                          |                          |  |
| 1         | Marl MST  | Direct Push - 102-mm Hole Dia. | (PT) PEAT; dark brown; cohesive, moist, loose, Trace Gravel.                  | PT   | 0.00        | DP                | 100  |       |       |             |             |         |             | MW22-50-01<br>BTEX F1-F4 |                          | 0.00 - 0.10 m bgs:<br>Filter Sand<br>0.10 - 0.20 m bgs:<br>Bentonite Chips/<br>Cuttings<br>0.20 - 0.50 m bgs:<br>Filter Sand |
|           |           |                                | (SW) SAND, well graded, trace gravel; pale brown; non-cohesive, moist, loose. | SW   | 0.30        |                   |      |       |       |             |             |         |             |                          |                          |  |
|           |           |                                | - 0.60 to 1.50 m: Frozen  |      |             |                   |      |       |       |             |             |         |             | MW22-50-02<br>BTEX F1-F4 |                          | 0.50 - 1.50 m bgs:<br>Bentonite Chips/<br>Cuttings   |
| 2         |           |                                | End of hole at 1.50 m.<br>Target Depth  |      |             |                   |      |       |       |             |             |         |             | MW22-50-03<br>BTEX F1-F4 |                          |  |
| 3         |           |                                |   |      |             |                   |      |       |       |             |             |         |             |                          |                          |  |
| 4         |           |                                |   |      |             |                   |      |       |       |             |             |         |             |                          |                          |  |
| 5         |           |                                |   |      |             |                   |      |       |       |             |             |         |             |                          |                          |  |

DEPTH SCALE: 1:25  
HAMMER TYPE:

REV:  
**A**



LOGGED: JM  
CHECKED: AB/LH

DATE: Aug 06, 2022  
DATE: Nov 15, 2022