## **Project Details** Location Northing (m): 6698846.008 Project Number: ML20-02 Client: Government of Yukon Easting (m): 545120.484 Location: Marsh Lake Lagoon Elevation (m): 746,582(Ground level) Subsurface Profile Well Completion Depth Graphic Depth Description Well Construction Details (m) (m) Log Stick-up (0.77 m) 0 0 SAND (medium to coarse) with gravel (subrounded) Bentonite (0.0 - 3 m) Trace Cobble. Well graded. Brown. Loose. Dry. (0 -3.65 m) SAND (medium to coarse). Trace gravel (subrounded). Poorly graded. Brown. Loose. Moist. (3.66 - 6.09 m) SAND (well graded) with gravel (subrounded). Brown. 8 Loose. Slightly moist. (6.09 - 9.14 m) Schedule 40 PVC Casing (50.8 mm) (-0.77 - 41.59 m) 12 12 SAND (medium to coarse). Poorly graded. Brown. Loose. Moist. (9.14 - 16.76 m) 16 16 SAND (medium to coarse) and gravel (subangular). Well graded. Brown. Loose. Moist. Natural Sand Backfill (3 -(16.76 - 18.29 m) 20 20 41.59 m) SAND (medium to coarse) with trace silt. Poorly graded, Brown, Loose, Moist, (18.29 - 18.89 m) SAND (fine to medium) and gravel with trace silt Well graded. Brown. Semi loose. Moist. (18.89 - 21.24 m) 24 24 28 28 SAND (fine) with trace silt. Very poorly graded. Light brown. Loose. Moist. (21.24 - 36.57 m) 32 32 36 36 Static water level - 37.90 m SAND (medium to coarse). Poorly graded. Brown. $\mathbf{V}$ bgs (Nov 17, 2020) Loose. Saturated. (36.57 - 38.10 m) Schedule 40 PVC 10-slot SAND (coarse) and gravel with trace silt. Very poorly 40 40 graded. Loose. Saturated. (38.10 - 42.67 m) screen (50.8 mm) (41.59 -43.11 m) SAND (fine to medium) and gravel with trace silt. Well 10-20 Sand (41.59 - 45.72 graded. Dirty. Brown. Semi loose. Saturated. (42.67 m) 45.72 m) End of Hole (45.72 m) 48 48 Contractor: Midnight Sun Drilling Operator:



Lithology Legend





Sand and Gravel

Date of construction: 07 / 11 / 2020 Drilling method:

Sonic Drilling

Drawn by:

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