



WELL NAME: WELL 5  
 LOCATION (UTM): 516826 E, 6658968 N, Zone 9N  
 DATE OF CONSTRUCTION: MAY 14, 2015  
 DRILLING METHOD: AIR ROTARY  
 DRILLING COMPANY: MIDNIGHT SUN DRILLING LTD.  
 WELL OWNER: TOWN OF WATSON LAKE  
 INTENDED USE: MUNICIPAL DRINKING WATER

A	DRAFT	15-06-09
B	FINAL	15-09-02
ISSUE	DESCRIPTION	DATE

Notes:  
 ID - Inner Diameter  
 OD - Outer Diameter  
 bTOC - below Top of Casing

Design

Drawn

Reviewed

Scale  
NTS

Date  
15-SEP-02

Client:  
  
 COMMUNITY SERVICES  
 (C-13)

# WATSON LAKE WELL 5

## WELL CONSTRUCTION RECORD DRAWING

Project No.: 5150339.00	Figure No.: 2
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PROJECT: Watson Lake Well Construction	CLIENT: Yukon Government Community Services	TESTHOLE NO: <b>Well 5</b>
LOCATION: Watson Lake		PROJECT NO.: 5150339
CONTRACTOR: Midnight Sun Drilling	METHOD: Air Rotary	ELEVATION (m): 692
SAMPLE TYPE	<input checked="" type="checkbox"/> GRAB <input type="checkbox"/> SHELBY TUBE <input type="checkbox"/> SPLIT SPOON <input type="checkbox"/> BULK	<input type="checkbox"/> NO RECOVERY <input type="checkbox"/> CORE
BACKFILL TYPE	<input type="checkbox"/> BENTONITE <input type="checkbox"/> GRAVEL <input type="checkbox"/> SLOUGH <input type="checkbox"/> GROUT	<input type="checkbox"/> CUTTINGS <input type="checkbox"/> SAND

DEPTH (m)	WELL INSTALLATION	SOIL SYMBOL	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE #	COMMENTS	APPROX. ELEV. (m)		
0			SAND with gravel; light brown; fill material; loose; dry.			<p>Well #5 Completion Details:  Well Casing: 12-inch (0.305 m) diameter, carbon steel.  Well Screen: 10-feet (3.05 m) long, 60-slot, v-wire round stainless steel.  Well Depth: 26.5 m below ground surface.  Stick Up: 0.70 m above ground surface.  Grab samples collected every 2 feet (~0.5 metres) from air rotary cyclone discharge.</p> <p>Water Level: 6.34 m below top of casing (14-May-2015)</p> <p>Substantial water present at approximately 11 m below ground. Moist conditions present in soil samples above. All fines washed from samples.</p>	691		
1								690	
2									689
3					medium SAND with trace gravel; light brown; dry;				688
4									687
5									686
6									685
7									684
8					Silty GRAVEL with SAND; brown color, dry				683
9									682
10									681
11						680			
12						679			
13			GRAVEL poorly graded with silt; brown color; wet. Occasional woody pieces observed between 13 and 16 m depth.			678			
14						677			
15						676			
16			SAND, poorly graded with silt and gravel; dark brown to light grey; wet;			675			
17						674			
18						673			
19						672			
20						671			
21			Poorly graded SAND with GRAVEL; grey, wet.		68-70	670			
22						669			
23						668			
24						667			
25					80-82	666			
26					82-84	665			
27						664			
28					90-92	663			
29					92-94				
30					94-96				

ENVIRO (VAPOUR/F2/F3) GINT-04-06-2015-WATSON LAKE WELL NO 4 BH LOG\_CL-5150339.GPJ AECOM\_BBY.GDT 02/09/15



Morrison Hershfield Ltd.  
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LOGGED BY:	COMPLETION DEPTH: 30
REVIEWED BY:	COMPLETION DATE: 14/05/15
PROJECT MANAGER:	Page 1 of 1