

PROJECT: City of Dawson Production Wells		CLIENT: City of Dawson		HOLE NO: PW-1N	
LOCATION: Dawson City UTM N 576,134.8 E 7,104,441.4				PROJECT NO.: 5140579	
CONTRACTOR: MSD			METHOD: Air Rotary		GROUND ELEVATION (m): 320.45
BACKFILL TYPE		■ BENTONITE	□ GRAVEL	▨ SLOUGH	▧ GROUT
		▨ CUTTINGS	□ SAND		
DEPTH (m)	SOIL SYMBOL	SOIL DESCRIPTION			COMMENTS
0	[Symbol]	Top Soil, sandy loam with rootlets.			320
1	[Symbol]	FILL, coarse sand and gravel with some silt. Light brown, dry.			319
2	[Symbol]				318
3	[Symbol]				317
4	[Symbol]	Fine GRAVELLY SAND, with trace silt. Dark brown, moist. Gravel sub-rounded, sand is medium to fine, well sorted.			316
5	[Symbol]	Fine SANDY SILT, dark grey to black with woody/organic pieces, cohesive and moist. Similar to "Black Muck".			315
6	[Symbol]	Coarse SAND and GRAVEL with trace silt, occasional cobbles, light brown, saturated.			314
7	[Symbol]				313
8	[Symbol]				312
9	[Symbol]				311
10	[Symbol]				310
11	[Symbol]				309
12	[Symbol]				308
13	[Symbol]				307
14	[Symbol]				306
15	[Symbol]				305
16	[Symbol]				304
17	[Symbol]				303
18	[Symbol]				302
19	[Symbol]				301
20	[Symbol]				300
21	[Symbol]	BEDROCK, greenstone and shist rock chips observed.			299
22	[Symbol]	end of hole			

BOREHOLE AND WELL LOG GINT-2014-08-19-DCPW BOREHOLE LOGS_CL-5140579.GPJ AECOM_BBY_2011.GDT 16/09/14

Rapid casing advancement observed through fine, sandy material.

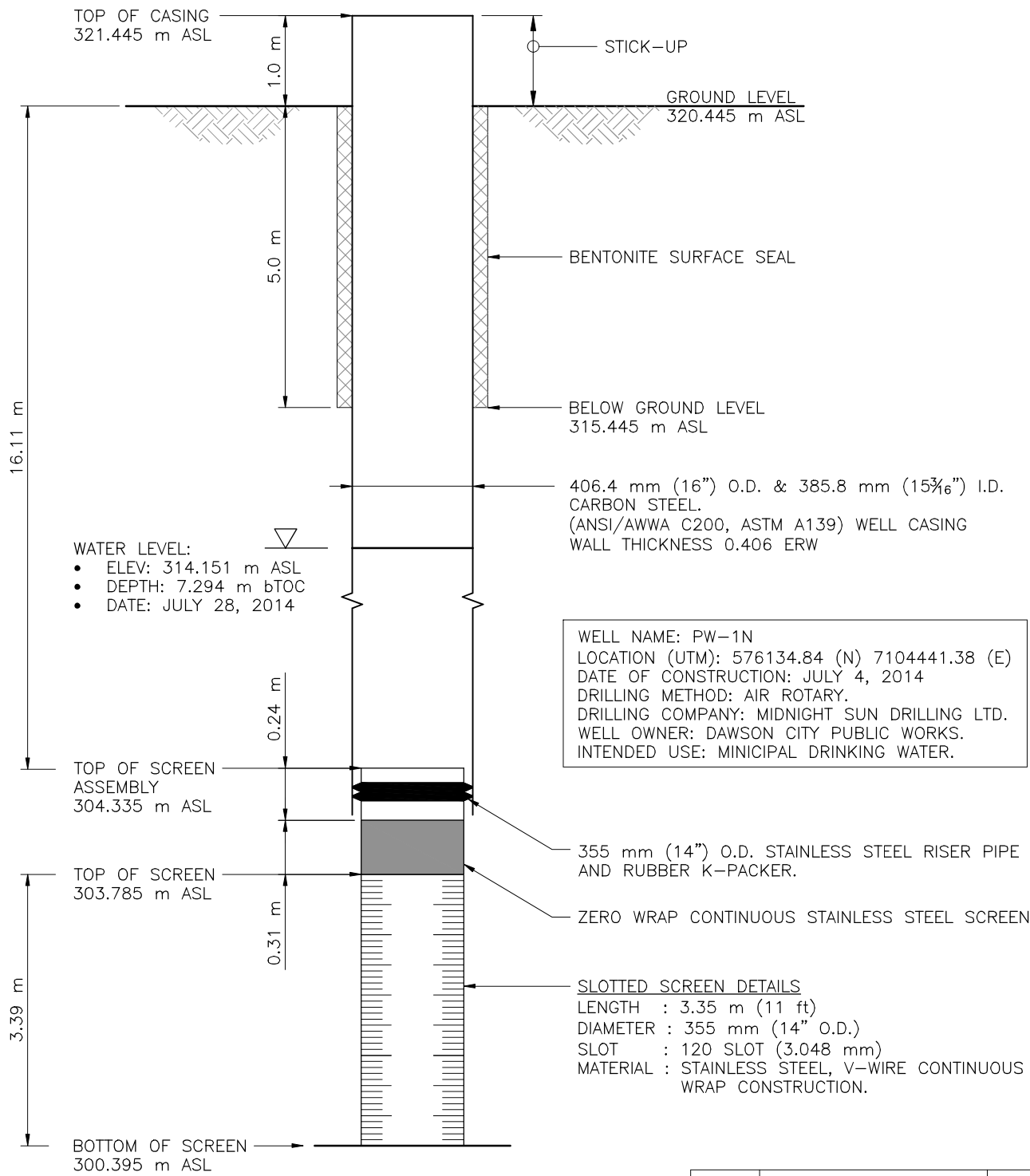
Very slow casing push noted by driller, likely coarse gravel or cobbles present.

Well Screen Completion Details:
 Length: 3.35 m (11 ft)
 Diameter: 355 mm (14") OD
 Slot: 120-slot (3.048 mm) open area
 Material: Stainless Steel, v-wire continuous wrap construction
 See as-builts for additional details.



MORRISON HERSHFIELD

LOGGED BY: Caleb Light	COMPLETION DEPTH: 20.05 m
REVIEWED BY: Jonathan Kerr	COMPLETION DATE: 11/07/14
PROJECT ENGINEER: Jonathan Kerr	Page 1 of 1



WELL NAME: PW-1N
 LOCATION (UTM): 576134.84 (N) 7104441.38 (E)
 DATE OF CONSTRUCTION: JULY 4, 2014
 DRILLING METHOD: AIR ROTARY.
 DRILLING COMPANY: MIDNIGHT SUN DRILLING LTD.
 WELL OWNER: DAWSON CITY PUBLIC WORKS.
 INTENDED USE: MINICIPAL DRINKING WATER.

A	ISSUED FOR _____	YY-MM-DD
ISSUE	DESCRIPTION	DATE


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Notes:

ID - INNER DIAMETER
 BTOC - BELOW TOP OF CASING
 ASL - ABOVE SEA LEVEL
 OD - OUTER DIAMETER

Design	Drawn:	Reviewed:	Scale:	Date:
-	-	-	NTS	14-08-08

Client:



DAWSON CITY GROUNDWATER WELL CONSTRUCTION PW-1N

Project No.: 5140579.00	Drawing No.: 101
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MORRISON HERSHFIELD

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