

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

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	ELEVATION (m)
0		Top Soil, sandy loam with rootlets.		320
1		FILL, coarse sand and gravel with some silt. Light brown, dry.		319
2				318
3				317
4		Fine GRAVELLY SAND, with trace silt. Dark brown, moist. Gravel sub-rounded, sand is medium to fine, well sorted.		316
5		Fine SANDY SILT, dark grey to black with woody/organic pieces, cohesive and moist. Similar to "Black Muck".	Rapid casing advancement observed through fine, sandy material.	315
6		Coarse SAND and GRAVEL with trace silt, occasional cobbles, light brown, saturated.		314
7				313
8				312
9				311
10			Very slow casing push noted by driller, likely coarse gravel or cobbles present.	310
11				309
12				308
13				307
14				306
15				305
16				304
17				303
18				302
19				301
20				300
21		BEDROCK, greenstone and shist rock chips observed.		299
22		end of hole		



MORRISON HERSHFIELD

LOGGED BY: Caleb Light

REVIEWED BY: Jonathan Kerr

PROJECT ENGINEER: Jonathan Kerr

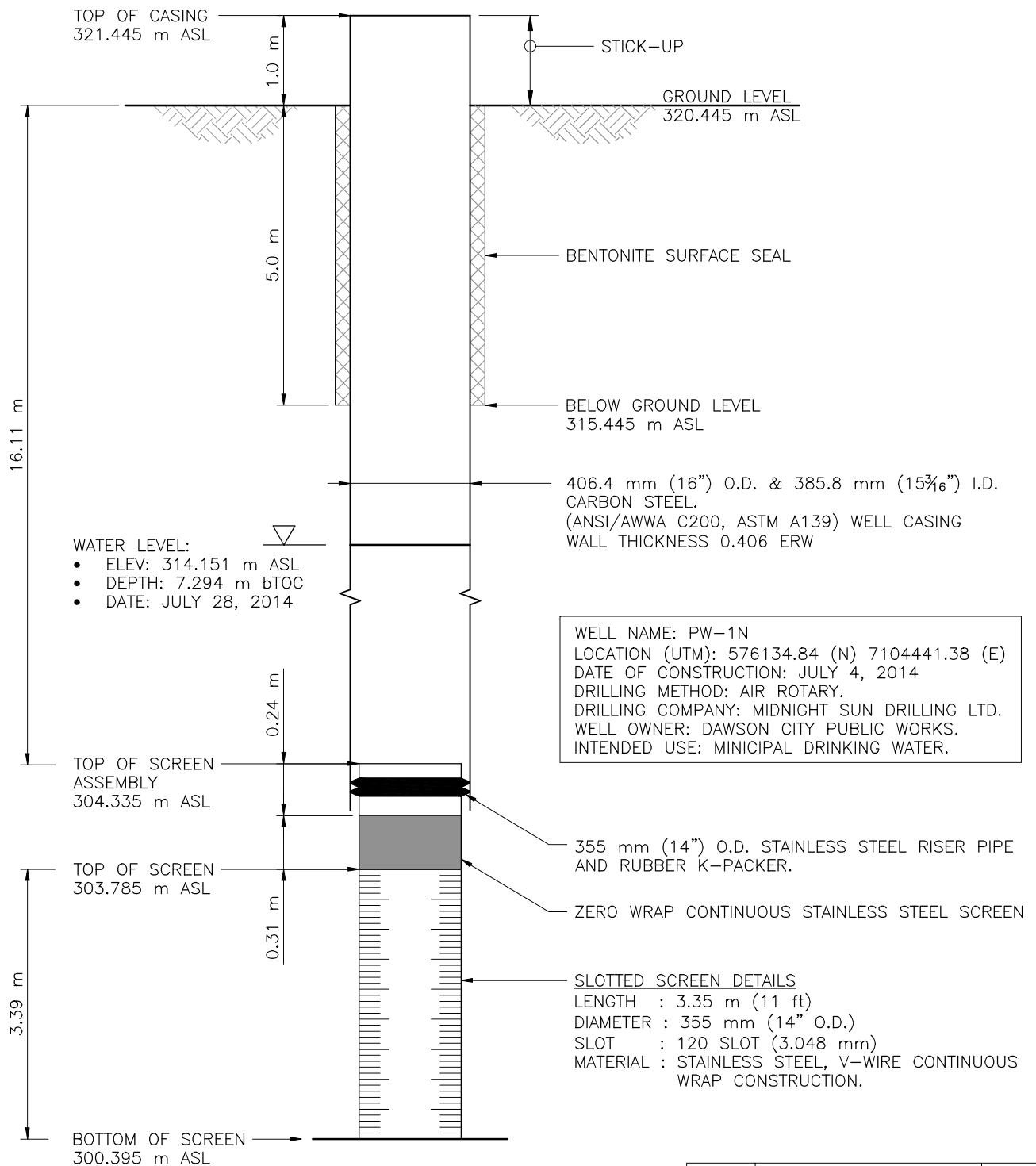
COMPLETION DEPTH: 20.05 m

COMPLETION DATE: 11/07/14

Page 1 of 1

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.



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

Notes:

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

Client:



DAWSON CITY GROUNDWATER WELL CONSTRUCTION PW-1N

Project No.:	Drawing. No.
5140579.00	101

MORRISON HERSHFIELD

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