Yukon

ENVIRONMENT

WATER WELL DRILLING

Well ID:

☑ Metric ☑ Imperial

Well information

Well address and lot number (if applicable): 726 Haines Rd

City: Haines Junction

Province/territory: YT

Postal code: Y0B 1L0

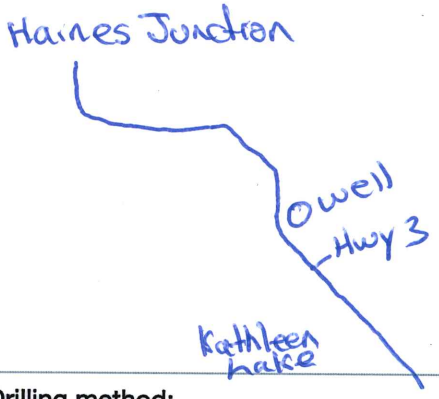
Elevation of top of casing (m/ft):

NAD 83: Zone

UTM ~~easting~~ west: -137.3676° W

UTM northing: 60.6864° N

Sketch of well location (please include a north arrow)



Purpose of well: ☑ domestic ☐ irrigation ☐ municipal ☐ commercial ☐ industrial ☐ environmental ☐ other: _____

Drilling method: ☐ sonic ☑ air rotary ☐ mud rotary ☐ auger ☐ other: _____

Well construction

Date well completed: 2023 / 07 / 21

Casing: steel

Outside diameter (cm/in): 6 5/8

Casing material: steel

Wall thickness (cm/in): .250

Casing depth (m/ft): 282'10"

Liner: ☐ PVC ☐ Other: _____

Surface seal

Type: Steel Casing

Diameter (cm/in): 10

Depth (m/ft): 17

Volume (m^3/ft^3): 16 bags chips

Screen

Outside diameter (cm/in): 5 1/2

Screen material: stainless steel

Screen type: Continous Wrap

Depth: From	to	(m/ft)	Slot size:	cm/in
286'10"	282'10"	(m/ft)	.25	cm/in
From:	to:	(m/ft)		cm/in
From:	to:	(m/ft)		cm/in
From:	to:	(m/ft)		cm/in

Gravel pack

☐ No ☑ Yes If yes, depth (m/ft): 286'10-282'10 Type: gravel/rock Diameter (cm/in): 1" mins

Well development and status

Final well data: Stick-up: 3 (m/ft) SWL: 77.22 (m/ft, btoc) Well cap: no

Artesian flow: ☑ No ☐ Yes

Developed by: ☑ Surging ☑ Air lifting ☑ Jetting ☐ Pumping ☐ Bailing ☐ Other: _____

Well yield by: ☑ Air lifting ☐ Pumping ☐ Bailing ☐ Other: _____ Rate: 10 (lps/gpm)

Duration: 6 (hrs)

Water quality: ☐ Fresh ☑ Clear ☐ Cloudy ☐ Sediment ☐ Gas ☐ Temp.: _____

Colour: clear Odour: no

Closure: Reason of closure: _____ Method of closure: _____

Sealant material: _____ Backfill material: _____

Well contractor	
Drilling company [redacted]	Drilling date 2023/07/21
Consultant (if applicable)	
Company name	Report reference

Log of overburden and bedrock materials

All depths are below ground surface – mark an "X" in applicable descriptors provided. Use codes for relative abundance of Surficial Material of each major class, such as P = primary, S = secondary, T = trace

From m/ft (bgl)	To m/ft (bgl)	Surficial material							Bedrock material								Colour								Hardness				Water content						Other observations [e.g. other geological materials (e.g. boulders), visible ice, est. water bearing flow (USgpm), or closure details]
		Clay	Silt	Till	Sand with clay/silt	Sand, fine-med	Sand, med-coarse	Sand with gravel	Siltstone/shale	Sandstone	Conglomerate	Limestone	Basalt	Volcanic	Cyrstalline	Other surficial	Red	Orange	Brown	Tan	Light grey	Blue	Green	Dark grey	Very hard	Hard	Moderate	Loose	Dry	Moist	Saturated	High production	Lost circulation	Frozen	
0	17		✓				✓	✓													✓					✓			✓						
17	57		✓				✓	✓													✓					✓			✓						
57	60		✓				✓	✓													✓					✓				✓					
60	278		✓				✓	✓													✓					✓			✓						
278	287							✓													✓					✓					✓				

Permafrost encountered: ☑ No ☐ Yes If yes, indicated depth: from _____ to _____ (m/ft)

Upon completing this form, please email it to: Water.Resources@yukon.ca. If mail is preferred, please send to: Water Resources Branch (V-310), Department of Environment, Government of Yukon, Box 2703, Whitehorse, Yukon, Y1A 2C6. Please feel free to contact us at: Phone: (867) 667-3171, Toll free (in Yukon): (1-800) 661-0408, Fax: (867) 667-3195, E-mail: Water.Resources@yukon.ca. The contents of the Water Well Drilling Form will be added to the Yukon Water Well Registry, which can be accessed at: https://yukon.ca/groundwater.