Y1367

Yukon

ENVIRONMENT

WATER WELL DRILLING

Well ID:

☐ Metric ☒ Imperial

Well information

Well address and lot number (if applicable)
Lot 21, 315 Deep Creek Road

Sketch of well location (please include a north arrow)

City
Deep Creek Subdivision

Province/territory
Yukon

Postal code

Elevation of top of casing (m/ft)

NAD 83: Zone
7

UTM easting
488791.22

UTM northing
6770905.71

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

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

Well construction

Date well completed: Y2022Y / M01 / D26

Casing

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

Casing material: Steel

Wall thickness (cm/in): 0.3125"

Casing depth (m/ft): 106'

Liner: ☒ PVC ☐ Other: _____

Surface seal

Type Natural Clay Seal

Diameter (cm/in) 10"

Depth (m/ft) 12'

Volume (m^3/ft^3) 12.24 ft3

Screen

Outside diameter (cm/in): 4"

Screen material: Stainless Steel

Screen type: Threaded MxF, 10ft PVC Well Screen

Depth:			Slot size:	
From: 106 ft	to: 116 ft	(m/ft)	.10 in	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): 143ft

Type: Filter Sand

Diameter (cm/in):

Well development and status

Final well data: Stick-up: 2ft (m/ft) SWL: 12 ft (m/ft, btoc) Well cap: Aluminum Locking Cap

Artesian flow: ☒ No ☐ Yes

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

Well yield by: ☐ Air lifting ☑ Pumping ☐ Bailing ☐ Other: _____ Rate: 12 (lps/gpm)

Duration: 1 hr (hrs)

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

Colour: grey Odour: some sulphur

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

Sealant material: _____ Backfill material: _____

Well contractor	
Drilling company [redacted]	Drilling date Y 2022 / M 01 / D 26
Consultant (if applicable)	
Company name none	Report reference n/a

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

		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]
From m/ft (bgl)	To m/ft (bgl)	Clay	Silt	Till	Sand with clay/silt	Sand, fine-med	Sand, med-coarse	Sand with gravel	Siltstone/shale	Sandstone	Conglomerate	Limestone	Basalt	Volcanic	Crystalline	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	
0ft	2ft	x						x											x					x				x	x						imported gravel/sa
2	6	x																			x							x		x					
6	86	x																						x				x		x					Damp, like Potter
86	102	x																			x							x			x				saturated clay
102	115										x										x			x		x			x							Conglomerate Bed
115	136							x																x		x					x					Layer of Saturated
136	143										x										x			x		x	x					x	x			Fractured Bedrock

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