



Y1365

ENVIRONMENT  
WATER WELL DRILLING

Well ID:		<input type="checkbox"/> Metric <input checked="" type="checkbox"/> Imperial	
<b>Well information</b>			
Well address and lot number (if applicable) Lot 1013, Quad 105 E/03, Plan 1997-0017		Sketch of well location (please include a north arrow)	
City Fox Lake			
Province/territory Yukon	Postal code		
Elevation of top of casing (m/ft)	NAD 83: Zone		
UTM easting 479214.63	UTM northing 6781331.61		
Purpose of well: <input checked="" type="checkbox"/> domestic <input type="checkbox"/> irrigation <input type="checkbox"/> municipal <input type="checkbox"/> commercial <input type="checkbox"/> industrial <input type="checkbox"/> environmental <input type="checkbox"/> other: _____		Drilling method: <input type="checkbox"/> sonic <input checked="" type="checkbox"/> air rotary <input type="checkbox"/> mud rotary <input type="checkbox"/> auger <input type="checkbox"/> other: _____	
<b>Well construction</b>			
Date well completed: Y2022Y / M M / D D			
<b>Casing</b>		<b>Screen</b>	
Outside diameter (cm/in): 6 - 5/8"		Outside diameter (cm/in): 4"	
Casing material: Steel		Screen material: Stainless Steel	
Wall thickness (cm/in): 0.3125"		Screen type: Threaded MxF, Vee-Wire, Well Screen	
Casing depth (m/ft): 102.5'		Depth:	
Liner: <input type="checkbox"/> PVC <input type="checkbox"/> Other: _____		From: 102.5 ft to: 106 ft (m/ft)	Slot size: .10 in cm/in
<b>Surface seal</b>		From: to: (m/ft)	cm/in
Type Bentonite	Diameter (cm/in) 10"	From: to: (m/ft)	cm/in
Depth (m/ft) 12'	Volume (m <sup>3</sup> /ft <sup>3</sup> ) 12.24 ft <sup>3</sup>	From: to: (m/ft)	cm/in
<b>Gravel pack</b>			
<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, depth (m/ft):		Type:	Diameter (cm/in):
<b>Well development and status</b>			
Final well data: Stick-up: 2ft (m/ft) SWL: 27 ft (m/ft, btoc) Well cap: Aluminum Cap			
Artesian flow: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			
Developed by: <input checked="" type="checkbox"/> Surging <input checked="" type="checkbox"/> Air lifting <input type="checkbox"/> Jetting <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Bailing <input type="checkbox"/> Other: _____			
Well yield by: <input type="checkbox"/> Air lifting <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Bailing <input type="checkbox"/> Other: _____ Rate: 12 (lps/gpm)			
Duration: .25 hrs (hrs)			
Water quality: <input checked="" type="checkbox"/> Fresh <input type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input checked="" type="checkbox"/> Sediment <input type="checkbox"/> Gas <input type="checkbox"/> Temp.: _____			
Colour: slight greenish Odour: none			
Closure: Reason of closure: _____ Method of closure: _____			
Sealant material: _____ Backfill material: _____			

Well contractor	
Drilling company	Drilling date Y 2022 / M 11 / D 8
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

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	Crystalline	Other surficial	Red	Orange	Brown	Tan	Light grey	Blue	Green	Dark grey	Very hard		Hard	Moderate	Loose	Dry	Molst	Saturated	High production	Lost circulation
0ft	6ft	x																	x						x									compact clay
6	16	x			x														x						x									clay then sand
26	50				x	x											x								x	x								loose sand
50	96						x														x	x			x									mixed sand&rock
96	106						x																					x						slight decrease in

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>.