WELL FORM Impact Drilling 867-668-6943

Y 407

sheet ____ of ____

6" - 12" • Water Wells • Pump Installation • Exploration • Dual Rotary Air Rig • Pilings

Owner name: [redacted]

Mailing address: ____ City / Town: ____ Prov. / Terr. ____ Postal Code ____

Well Location Address: Street No. 20 Street name Pine Lane City / Town Tagish

(OR) **Legal description: Lot** ____ **Plan** ____ D.L. ____ Block ____

(OR) **PID:** ____ (AND) **Description of well location** (attach sketch if nec.): ____

NAD 83: Zone: 11 (AND) **UTM Easting:** 0853726E m (OR) **Latitude:** ____

UTM Northing: 6676775 N m **Longitude:** ____

Method of drilling: ☐ air rotary ☑ dual rotary ☐ cable tool ☐ mud rotary ☐ auger ☐ driving ☐ jetting ☐ other (specify) ____

Orientation of well: ☐ vertical ☐ horizontal Ground elevation 707 ft (asl) Method: ____

Class of well: ____

Water supply wells, indicate water use: ☑ private domestic ☐ water supply system ☐ irrigation ☐ commercial or industrial

☐ other (specify) ____

LITHOLOGIC DESCRIPTION

From ft (bgl)	To ft (bgl)	Surficial Material: Clay	Silt	Till	Sand with clay/silt	Sand, fine-med	Sand, med-coarse	Sand with gravel	Bedrock Material: Siltstone/Shale	Sandstone	Granodiorite	Limestone	Basalt	Volcanic	Crystalline	Other Surficial Bedrock	Color: Red	Orange	Brown	Black	Light Grey	Blue	Green	Dark Grey	Hardness: Very Hard	Hard	Dense / Stiff	Loose	Water Content: Dry	Moist	Wet	High Production	Lost circulation	Not available	Observations (e.g. other geological materials (e.g. boulders), est. water bearing flow (USgpm), or closure details)
0	15	○	○	○	○	○	○	◐	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◐	◐	○	○	○	○	○	
15	50	○	○	○	○	○	◐	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◐	◐	○	○	○	○	○	
50	70	○	○	○	◐	○	○	○	○	○	○	○	○	○	○	○	○	○	◐	○	○	○	○	○	○	○	◐	○	◐	○	○	○	○	○	
70	104	◐	◐	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◐	○	○	○	○	○	○	○	○	◐	○	○	○	○	
104	120	○	○	◐	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◐	○	◐	○	○	○	◐	○	○	○	○	
120	144	◐	○	○	○	○	○	◐	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◐	○	○	○	○	○	○	○	○	○	○	
144	149	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	◐	○	○	gravel silt	
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CASING DETAILS

From ft (bgl)	To ft (bgl)	Dia in	Casing Material / Open Hole	Wall Thickness in	Drive Shoe
0	146	6⅝	Steel	219	D.R

Surface seal: Type Bentonite Depth 15 ft

Method of installation ☑ Poured ☐ Pumped Thickness 10 in

Backfill: Type ____ Depth ____ ft

Liner: ☐ PVC ☐ Other (specify): ____

Diameter ____ in Thickness ____ in

From ____ ft (bgl) To ____ ft (bgl)

Perforated: From ____ ft (bgl) To ____ ft (bgl)

SCREEN DETAILS

From ft (bgl)	To ft (bgl)	Dia in	Type	Slot Size
145	149	6	S.S Steel	25

Intake: ☑ Screen ☐ Open bottom ☐ Uncased hole

Screen type: ☑ Telescope ☐ Pipe size

Screen material: ☑ Stainless steel ☐ Plastic ☐ Other: ____

Screen opening: ☑ Continuous slot ☐ Slotted ☐ Perforated pipe

Screen bottom: ☐ Bail ☑ Plug ☐ Plate ☐ Other: ____

Filter pack: From ____ ft To: ____ ft Thickness: ____ in

Type and size of material: ____

DEVELOPED BY

☑ Air lifting ☐ Surging ☐ Jetting ☐ Pumping ☐ Bailing

Other (specify): ____ Total duration: ____ hrs

Notes: ____

WELL YIELD ESTIMATED BY

☐ Pumping ☑ Air lifting ☐ Bailing ☐ Other (specify): ____

Rate: ____ USgpm Durtation: ____ hrs

SWL before test: ____ ft (btoc) Pumping water level: ____ ft (btoc)

OBVIOUS WATER QUALITY CHARACTERISTICS

☐ Fresh ☐ Salty ☑ Clear ☐ Cloudy ☐ Sediment ☐ Gas

Colour / Odour: ____ Water sample collected: ☐

WELL DRILLER (print clearly)

Name (first, last): Brian MacDougall

Consultant (if applicable; name & company) ____

Signature of Driller Responsible [signature]

FINAL WELL COMPLETION DATA

Total depth drilled: 149 ft Finished well depth: 149 ft (bgl)

Final stick up: 18" in Depth to bedrock : ____ ft (bgl)

SWL: 85 ft (bgl) Estimated well yield 3 USgpm

Artesian flow: ____ USgpm, or Artesian pressure: ____ ft

Type of well cap: ____ Well disinfected: ☑ Yes ☐ No

Where well ID plate is attached: ____

WELL CLOSURE INFORMATION

Reason for closure: ____

Method of closure: ☐ Poured ☐ Pumped

Sealant Material: ____ Backfill material: ____

Details of closure: ____

DATE OF WORK (yyyy/mm/dd)

Started: June 22/16 **Completed** June 24/16

Comments: ____

PLEASE NOTE: The information recorded in this well report describes the works and hydrogeologic conditions at the time of construction, alteration or closure as the case may be. Well yield, well performance and water quality are not guaranteed as they are influenced by a number of factors, including natural variability, human activities and condition of the works, which may change over time.

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