WELL FORM — Impact Drilling 867-668-6943

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

#4

sheet ____ of ____

Owner name: [redacted]

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

Well Location Address: Street No. #45 Street name Wintergreen Rd City / Town Haines Junction

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

OR PID: ____ **AND Description of well location** (attach sketch if nec.): Approx 30' Left beside driveway as you approch house

NAD 83: Zone: ____ **AND UTM Easting:** 0836356 2E m **UTM Northing:** 6739236N m **OR Latitude:** ____ **Longitude:** ____

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

Orientation of well: ☑ vertical ☐ horizontal Ground elevation 645 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	21	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	Frozen
21	32	○	○	○	●	●	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	Sand & gravel
32	55	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	●	○	○	○	○	○	
55	90	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	○	○	○	●	○	○	○	○	
90	218	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	
218	228	○	○	○	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	
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CASING DETAILS

From ft (bgl)	To ft (bgl)	Dia in	Casing Material / Open Hole	Wall Thickness in	Drive Shoe
0	224	6⅝	Steel	219	RR

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
224	228	6	SS	40

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: ____
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 ____

FINAL WELL COMPLETION DATA

Total depth drilled: 228 ft Finished well depth: 228 ft (bg
Final stick up: 18 in Depth to bedrock : ____ ft (bg
SWL: 125 ft (bgl) Estimated well yield 2.0 USgpm
Artesian flow: ____ USgpm, or Artesian pressure: ____
Type of well cap: Locking 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 2017 **Completed** June 2017
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 yi well performance and water quality are not quaranteed as they are influenced by a number of factors, including natural variability, human activities and condition of the works, which ma change over time.

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