WELL FORM

10116 0002

Impact Drilling 867-668-6943

8151 20028 Entered (YWWR)

sheet _____ of _____

115A16

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

Owner name: Ross Mercer

Mailing address: Lot # 29 City / Town: Mendenhall Prov. / Terr. Y.T Postal Code

Well Location Address: Street No. Street name City / Town

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

OR **PID:** AND **Description of well location** (attach sketch if nec.): 10' in front of house on left as you drive in

NAD 83: Zone: AND **UTM Easting:** 434 589 m OR **Latitude:**

UTM Northing: 6737 655 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 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	Conglomerate	Limestone	Basalt	Volcanic	Crystalline	Other Surficial Bedrock (decomposed granite)	Color: Red	Orange	Brown	Tan	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	106	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	clay with gravel seems wet from 35' but wouldn't clean w/ bedrock 106 119
106	119	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
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CASING DETAILS

From ft (bgl)	To ft (bgl)	Dia in	Casing Material / Open Hole	Wall Thickness in	Drive Shoe
0	109	6⅝	steel	.219	DR

Surface seal: Type na Depth ft

Method of installation ☐ Poured ☐ Pumped Thickness 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

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

FINAL WELL COMPLETION DATA

Total depth drilled: 119 ft Finished well depth: 119 ft (bgl)

Final stick up: 18 in Depth to bedrock : 106 ft (bgl)

SWL: 35 ft (bgl) Estimated well yield 1 3/4 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: May 14 **Completed** May 16/12

Comments: Kept pump in casing

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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