WELL FORM — Impact Drilling 867-668-6943

~~8151A0430~~ Entered (YGWR)

sheet ____ of ____

204140328

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

105D14

Owner name: Roy Ness + Penelope Gawn

Mailing address: Box 21228 City / Town: Whitehorse Prov. / Terr. Yukon Postal Code Y1A 6R2

Well Location Address: Street No. 6 Street name Simmons Place City / Town Whitehorse

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

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

NAD 83: Zone: 8N **AND UTM Easting:** 08V0485729 m **UTM Northing:** 6747284 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 ____ ft (asl) Method: ____

Class of well: ____

Water supply wells, indicate water use: ☑ private domestic ☐ water supply system ☐ irrigation ☐ commercial or industrial ☐ other (specify) Elevation 723

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	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	20	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	○	○	○	●	●	○	○	○	○	○	
20	55	○	○	○	○	○	○	●	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	○	○	○	●	●	○	○	○	○	○	○	
55	110	○	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	○	○	○	●	●	○	○	○	○	○	○	
110	118	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	○	●	○	○	●	○	○	○	○	○	○	
118	252	●	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	○	○	●	○	●	○	○	○	○	○	○	○	○	○	2gpm
252	262	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	○	○	●	○	○	○	●	○	○	○	○	2gpm
262	271	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	
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		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	

CASING DETAILS

From ft (bgl)	To ft (bgl)	Dia in	Casing Material / Open Hole	Wall Thickness in	Drive Shoe
0	120	6 5/8	steel	.219	NR

Surface seal: Type No Depth ____ ft

Method of installation ☐ Poured ☐ Pumped Thickness ____ in

Backfill: Type ____ Depth ____ ft

Liner: ☑ PVC ☐ Other (specify): ____

Diameter 4.5 in Thickness .250 in

From 12 ft (bgl) To 272 ft (bgl)

Perforated: From 272 ft (bgl) To 92 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 Mac Donald

Consultant (if applicable; name & company) ____

Signature of Driller Responsible B MacD

FINAL WELL COMPLETION DATA

Total depth drilled: 272 ft Finished well depth: 272 ft (bgl)

Final stick up: 18 in Depth to bedrock : 118 ft (bgl)

SWL: 171 ft (bgl) Estimated well yield 2.5 USgpm

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

Type of well cap: P.Hess 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: April 20 **Completed** April 21/12

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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