WELL FORM — Impact Drilling 867-668-6943

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

~~815200~~ Entered (YUKR)

sheet ____ of ____

#20411O282

105D 11

Owner name: Jacques Lefebvre

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

Well Location Address: Street No. 35 Street name Cirque Place City / Town Whitehorse

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

OR **PID:** ____ AND **Description of well location** (attach sketch if nec.): to Lefebvre house Approx 30' ½ way down

NAD 83: Zone: ____ AND **UTM Easting:** 499373 m OR **Latitude:** ____

UTM Northing: 6719925 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) ____

1000 - 3000m coordinates are very approximate

LITHOLOGIC DESCRIPTION

Lot 35 does not exist on this road

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	13							●																●				●							coarse
13	297										●										●														Soft Caving at 280
																																			½ gpm 260
																																			4 gpm 276
																																			10 gpm 297

CASING DETAILS

From ft (bgl)	To ft (bgl)	Dia in	Casing Material / Open Hole	Wall Thickness in	Drive Shoe
0	14	6	steel	.219	D.S

Surface seal: Type Bentonite Depth 15 ft

Method of installation ☑ Poured ☐ Pumped Thickness ____ in

Backfill: Type ____ Depth ____ ft

Liner: ☐ PVC ☑ Other (specify): ____

Diameter 4.5 in Thickness .250 in

From 17 ft (bgl) To 297 ft (bgl)

Perforated: From 187 ft (bgl) To 297 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: 1.5 hrs

Notes: ____

WELL YIELD ESTIMATED BY

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

Rate: 10 gpm 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 McDougall

Consultant (if applicable; name & company) ____

Signature of Driller Responsible B McDougall

FINAL WELL COMPLETION DATA

Total depth drilled: 297 ft Finished well depth: ____ ft (bgl)

Final stick up: 18 in Depth to bedrock : 13 ft (bgl)

SWL: ____ ft (bgl) Estimated well yield 10 USgpm

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

Type of well cap: pitless 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 10/13 **Completed** April 11

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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