WELL FORM **Impact Drilling** 867-668-6943

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

sheet ______ of ______ Y271

Owner name: [redacted]

Mailing address: ____________ City / Town: Mayo Prov. / Terr. YT Postal Code ______

Well Location Address: Street No. 1007 Street name KM 29.7 Silvertrail City / Town Mayo

(OR) Legal description: Lot 1007 Plan 2006-2817 D.L. ______ Block ______

(OR) PID: ______ (AND) Description of well location (attach sketch if nec.): 100' approx bottom of hill ; where driveway divides approching house

NAD 83: Zone: ______ (AND) UTM Easting: ______ m UTM Northing: ______ 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) ______

LITHOLOGIC DESCRIPTION

		Surficial Material							Bedrock Material								Color								Hardness				Water Content						Observations (e.g. other geological materials (e.g. boulders), est. water bearing flow (USgpm), or closure details)
From ft (bgl)	To ft (bgl)	Clay	Silt	Till	Sand with clay/silt	Sand, fine-med	Sand, med-coarse	Sand with gravel	Siltstone/Shale	Sandstone	Granodiorite	Limestone	Basalt	Volcanic	Crystalline	Other Surficial Bedrock	Red	Orange	Brown	Black	Light Grey	Blue	Green	Dark Grey	Very Hard	Hard	Dense / Stiff	Loose	Dry	Moist	Wet	High Production	Lost circulation	Not available	
0	18							●																					●						
18	-37																														●				

CASING DETAILS

From ft (bgl)	To ft (bgl)	Dia in	Casing Material / Open Hole	Wall Thickness in	Drive Shoe
0	34		Steel	219	D.R

Surface seal: Type 10 x 15 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
34	37	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: ______ 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 cl[redacted]

Name (first, last): [redacted]

Consultant (if applicable; name & company) ______

Signature of Driller Responsible [redacted]

FINAL WELL COMPLETION DATA

Total depth drilled: 37 ft Finished well depth: 37 ft (bgl)

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

SWL: ______ ft (bgl) Estimated well yield 25 USgpm

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

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: July 2017 Completed July 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 yield, 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 may change over time.

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