105603

WELL FORM

205030022

Impact Drilling 867-668-6943

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

sheet ____ of ____

#224

Owner name: Darren + Melody Evans

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

Well Location Address: Street No. Lot 1005 Street name Grizzly Valley City / Town Kodiak St Whitehorse

(OR) Legal description: Lot ____ Plan ____ D.L. ____ Block ____

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

NAD 83: Zone: 09U (AND) UTM Easting: 0 475635 m UTM Northing: 6963457 m (OR) Latitude: [illegible] Longitude: [illegible]

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

Orientation of well: ☑ vertical ☐ horizontal Ground elevation 736 m 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	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	2.2	○	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	①	○	○	○	○	○	fine sand
2.2	40	○	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	Sand med
40	100	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	glacial till
100	162	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	●	○	○	○	○	
162	225	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	○	○	○	●	○	○	○	○	
225	295	○	○	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	fine rocky
295	304	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	fine sand
		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
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		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	

CASING DETAILS

From ft (bgl)	To ft (bgl)	Dia in	Casing Material / Open Hole	Wall Thickness in	Drive Shoe
0	298	6 5/8	Steel	0.19	N/A

Surface seal: Type Bentonite Depth 10' 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
295	304	6"	wire wrap	6x

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: ____ i

Type and size of material: 06 slot

DEVELOPED BY

☐ Air lifting ☐ Surging ☐ Jetting ☑ Pumping ☐ Bailing

Other (specify): ____ Total duration: 10 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: B MacDougall

FINAL WELL COMPLETION DATA

Total depth drilled: 304 ft Finished well depth: 304 ft (bgl

Final stick up: 18 in Depth to bedrock: ____ ft (bg

SWL: 105 ft (bgl) Estimated well yield 25+ USgpm

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

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 4/13 Completed June 7/13

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 guaranteed 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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