105E03

WELL FORM

Impact Drilling 867-668-6943

205030021

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

sheet ______ of ______

240

Owner name: Jonathan Lucas

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

Well Location Address: Street No. ______ Street name Grizzly Valley City / Town ______

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

OR PID: ______ AND Description of well location (attach sketch if nec.): Across [illegible] from 1st Entrance to Grizzly Valley between Highway & [illegible]

NAD 83: Zone: 08V AND UTM Easting: 0498049 m OR Latitude: ______

UTM Northing: 6[illegible]70419 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	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	4																		●										●						clear rock
4	25																				●								●						shattered
																					●														rock
25	210																				●														bedrock

CASING DETAILS

From ft (bgl)	To ft (bgl)	Dia in	Casing Material / Open Hole	Wall Thickness in	Drive Shoe
0	27	6 7/8	Steel	.219	D.R.

Surface seal: Type Bentonite Depth 17 ft

Method of installation ☒ Poured ☐ Pumped Thickness ______ in

Backfill: Type ______ Depth ______ ft

Liner: ☒ PVC ☐ Other (specify): ______

Diameter 4.5 (11) in Thickness .250. in

From 10 ft (bgl) To 210 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) Brian MacDougall

Name (first, last): ______

Consultant (if applicable; name & company) ______

Signature of Driller Responsible [signature]

FINAL WELL COMPLETION DATA

Total depth drilled: 216 ft Finished well depth: 210 ft (bgl)

Final stick up: 18 in Depth to bedrock: 25 ft (bgl)

SWL: 92 ft (bgl) Estimated well yield 3 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: Oct 18 Completed Oct 19/13

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 yie 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.