# WELL FORM

**Impact Drilling 867-668-6943** W13.

sheet ____ of ____

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

**Owner name:** [redacted]

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

**Well Location Address:** Street No. Lot 28 Street name War Eagle Way City / Town Raven Ridge

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

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

**NAD 83: Zone:** ____ (AND) **UTM Easting:** 0849256 2E m **UTM Northing:** 6734041 N 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 770 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 | Granodiorite | Limestone | Basalt | Volcanic | Crystalline | Other Surficial Bedrock | Color: Red | Orange | Brown | Black | 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 | 3 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | Fill |
| 3 | 27 | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | ○ | ○ | ○ | very little gravel |
| 27 | 48 | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | |
| 48 | 54 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | |
| 54 | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | D.R |
| 90 | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | 1/10 gpm |
| 297 | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | 1/2 gpm |
| 357 | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | 1/2 gpm |
| | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | |
| | | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | |

## CASING DETAILS

| From ft (bgl) | To ft (bgl) | Dia in | Casing Material / Open Hole | Wall Thickness in | Drive Shoe |
|---|---|---|---|---|---|
| 0 | 54 | 6 5/8 | Steel | 219 | D.R |

Surface seal: Type Bentonite Depth 15 ft

Method of installation ☐ Poured ☐ Pumped Thickness 10 in

Backfill: Type ____ Depth ____ ft

Liner: ☑ PVC ☐ Other (specify): ____

Diameter 4.5 in Thickness 250 in

From 17 ft (bgl) To 357 ft (bgl)

Perforated: From 17 ft (bgl) To 357 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):** [redacted]

Consultant (if applicable; name & company) ____

**Signature of Driller Responsible** [redacted]

## FINAL WELL COMPLETION DATA

Total depth drilled: 357 ft Finished well depth: 357 ft (bgl)

Final stick up: 18" in Depth to bedrock: 54 ft (bgl)

SWL: 56 ft (bgl) Estimated well yield ½ 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:** May / 2020 **Completed** May / 2020

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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