WELL FORM [redacted]

W69 -

sheet ____ of ____

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

Owner name: [redacted]

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

Well Location Address: Street No. 54 Street name Pingo Place City / Town Whitehorse

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

OR PID: ____ **AND Description of well location** (attach sketch if nec.): Approx 15' to right of house, 3/4 of the way to far end of house

NAD 83: Zone: ____ **AND UTM Easting:** 0499107 E m **OR Latitude:** ____

UTM Northing: 6720230 W m **Longitude** ____

UTM ZONE 8
499 107 E
6720230 N

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

Orientation of well: ☑ vertical ☐ horizontal Ground elevation 728 ft (asl) Method: ____

Class of well: ____

Water supply wells, indicate water use: ☑ private domestic ☐ water supply system ☐ irrigation ☐ commercial or ☐ 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	5	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	●	○	●	○	○	○	○	○	Organics gravel
5	10	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	●	○	●	○	○	○	○	○	rock gravel
10	60	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	●	○	○	○	○	○	○	○	B.R Fractured
60	295	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	●	○	○	○	○	○	○	○	getting harder
295	290	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	●	○	○	○	○	○	○	○	yellow brown
290	677	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	○	○	○	○	○	●	○	○	○	○	○	○	○	
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		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	

CASING DETAILS

From ft (bgl)	To ft (bgl)	Dia in	Casing Material / Open Hole	Wall Thickness in	Drive Shoe
0	40	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 ____ 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

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): Measuring recovery

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: 677 ft Finished well depth: 677 ft (bgl)

Final stick up: 15 in Depth to bedrock : ____ ft (bgl)

SWL: 21 ft (bgl) Estimated well yield Unkpd Approx USgpm

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

Type of well cap: ____ 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: Aug 26/19 **Completed** Aug 30/19

Comments: believe lost Carbide at 395.

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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