

Owner name: \_\_\_\_\_

Mailing address: \_\_\_\_\_ City / Town: \_\_\_\_\_ Prov. / Terr. \_\_\_\_\_ Postal Code \_\_\_\_\_

Well Location Address: Street No. Mile 7 Street name Kimberly Hwy City / Town Whitehorse

OR Legal description: Lot \_\_\_\_\_ Plan \_\_\_\_\_ D.L. \_\_\_\_\_ Block \_\_\_\_\_ To right of house

OR PID: Approve 20  AND Description of well location (attach sketch if nec.) see above

NAD 83: Zone: \_\_\_\_\_  AND UTM Easting: \_\_\_\_\_ m  OR Latitude: \_\_\_\_\_

UTM Northing: \_\_\_\_\_ m  OR 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) \_\_\_\_\_

APR 11/14  
GOVERNMENT OF YUKON C-9  
BOX 2703  
WHITEHORSE, YUKON  
Y1A 2C6

| LITHOLOGIC DESCRIPTION |             | Surficial Material       |                          |                          |                          |                          |                          |                          |                          | Bedrock Material         |                          |                          |                          |                          |                          |                          |                          | Color                    |                          |                          |                          |                          |                          |                          |                          | Hardness                 |                          |                          |                          | Water Content            |                          |                          |                          |                          |                          | Observations<br>(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                | Conglomerate             | Limestone                | Basalt                   | Volcanic                 | Crystalline              | Other Surficial Bedrock  | Red                      | Orange                   | Brown                    | Tan                      | Light Grey               | Blue                     | Green                    | Dark Grey                | Very Hard                | Hard                     | Dense / Stiff            | Loose                    | Dry                      | Moist                    | Wet                      | High Production          | Lost circulation         | Not available            |                          |  |
|                        |             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
|                        |             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |  |
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|                        | 774-4100    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | Well had been drilled to 274' in early 80's clay was present in lower zone hole to clay                                |

**CASING DETAILS**

| From ft (bgl) | To ft (bgl) | Dia in | Casing Material / Open Hole | Wall Thickness in | Drive Shoe |
|---------------|-------------|--------|-----------------------------|-------------------|------------|
|               |             |        |                             |                   |            |
|               |             |        |                             |                   |            |
|               |             |        |                             |                   |            |
|               |             |        |                             |                   |            |

Surface seal: Type Pre-lincrete Depth 8 ft

Method of installation  Poured  Pumped Thickness 2 in

Backfill: Type \_\_\_\_\_ Depth \_\_\_\_\_ ft

Liner:  PVC  Other (specify): \_\_\_\_\_

Diameter 4.5 in Thickness 2.50 in

From 20 ft (bgl) To 400 ft (bgl)

Perforated: From \_\_\_\_\_ ft (bgl) To \_\_\_\_\_ ft (bgl)

App. Location  
490029 / 6751048  
105D14 8N  
± 1km

**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 Duration: \_\_\_\_\_ 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 M. Dugan

Consultant (if applicable; name & company) \_\_\_\_\_

Signature of Driller Responsible: [Signature]

**FINAL WELL COMPLETION DATA**

Total depth drilled: 400 ft Finished well depth: 400 ft (bgl)

Final stick up: 218 in Depth to bedrock: ? ft (bgl)

SWL: \_\_\_\_\_ 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: Sept Completed: Sept 2014

Comments: deepened well from 274' to 400'

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.