

815120021  
Entered (YVHR)

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

Mailing address: Raven's Ridge City / Town: \_\_\_\_\_ Prov. / Terr. \_\_\_\_\_ Postal Code \_\_\_\_\_

Well Location Address: Street No. #7 Street name Arctic chief City / Town Whitehorse

Legal description: Lot \_\_\_\_\_ Plan \_\_\_\_\_ D.L. \_\_\_\_\_ Block \_\_\_\_\_

PID: \_\_\_\_\_  Description of well location (attach sketch if nec.): \_\_\_\_\_

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

UTM Northing: \_\_\_\_\_ 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		Surficial Material								Bedrock Material								Color								Hardness				Water Content				Observations (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	
0	60																																			gravel sand
60	79																																			rock clay
79	122																																			decomposed
122	123																																			bedrock
122	123																																			bedrock
																																				majority of water
																																				112-120

CASING DETAILS						SCRE	Slot Size
From ft (bgl)	To ft (bgl)	Dia in	Casing Material / Open Hole	Wall Thickness in	Drive Shoe	From ft (bgl)	
0	61	6.75	Steel		P.R.		
63	123	4.5	PVC	.250			

Surface seal: Type NA Depth \_\_\_\_\_ 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)

Inta Scr ± 100 m

DEVELOPED BY	FINAL WELL COMPLETION DATA
<input type="checkbox"/> Air lifting <input type="checkbox"/> Surging <input type="checkbox"/> Jetting <input type="checkbox"/> Pumping <input type="checkbox"/> Bailing Other (specify): _____ Total duration: _____ hrs Notes: _____	Total depth drilled: <u>123</u> ft Finished well depth: <u>123</u> ft (bgl) Final stick up: <u>18</u> in Depth to bedrock: <u>79</u> ft (bgl) SWL: <u>90'</u> ft (bgl) Estimated well yield <u>7</u> USgpm Artesian flow: _____ USgpm, or Artesian pressure: _____ ft Type of well cap: _____ Well disinfected: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Where well ID plate is attached: _____
WELL YIELD ESTIMATED BY	WELL CLOSURE INFORMATION
<input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Air lifting <input type="checkbox"/> Bailing <input type="checkbox"/> Other (specify): _____ Rate: _____ USgpm Duration: _____ hrs SWL before test: _____ ft (btoc) Pumping water level: _____ ft (btoc)	Reason for closure: _____ Method of closure: <input type="checkbox"/> Poured <input type="checkbox"/> Pumped Sealant Material: _____ Backfill material: _____ Details of closure: _____
OBVIOUS WATER QUALITY CHARACTERISTICS	DATE OF WORK (yyyy/mm/dd)
<input type="checkbox"/> Fresh <input type="checkbox"/> Salty <input type="checkbox"/> Clear <input type="checkbox"/> Cloudy <input type="checkbox"/> Sediment <input type="checkbox"/> Gas Colour / Odour: _____ Water sample collected: <input type="checkbox"/>	Started: <u>Aug 20 / 09</u> Completed: <u>Aug 21 / 09</u> Comments: _____
WELL DRILLER (print clearly)	
Name (first, last): <u>Brian Mac Dougal</u> Consultant (if applicable; name & company): _____	
Signature of Driller Responsible: <u>B-MacDougal</u>	

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.