

WELL AND PUMP DATA

Location of Well Pilot Mtn Sub

County	Township Number	Range Number	Section No.	Fraction
	N or S	E or W		

Township

Property owner's name and address
Ross + Cindy Birnie 204140292
Whitehorse Yukon

Street Address and City or Distance and Direction from Road Intersections
Takhini Hot Springs Road Area

Show exact location of well in section grid with an 'x' Sketch map of well location

	Addition Name
	Block Number
	Lot Number

Well depth 360' Datum point from which all measurements are taken ground

Method of Drilling
 Cable tool Hollow rod Driven Dug
 Direct rotary Air rotary Bucket auger
 Reverse rotary Jetted Flight auger

Use
 Domestic Public supply Industrial
 Irrigation Municipal Commercial
 Test Well Heating or cooling Monitoring

Casing Type
 Steel Threaded Height above/below surface _____
 Galv. Welded Drive shoe? Yes No
 PVC Solvent welded
 SS

_____ in to _____ ft Wgt _____ lb/ft Sch No _____ Hole diameter _____ in to _____
 _____ in to _____ ft Wgt _____ lb/ft Sch No _____
 _____ in to _____ ft Wgt _____ lb/ft Sch No _____

Remarks, Elevation, Source of Data, etc.

Borehole data				
Formation Log	Color	Hardness	From	To
<u>sandy silt</u>	<u>brown</u>		<u>0</u>	<u>38</u>
<u>rocks in silt</u>			<u>38</u>	<u>42</u>
<u>sandy</u>			<u>42</u>	<u>145</u>
<u>fine gravel</u>			<u>145</u>	<u>160</u>
<u>coarser gravel wet</u>			<u>160</u>	<u>169</u>
<u>bedrock</u>	<u>red</u>		<u>169</u>	<u>173</u>
"	<u>green</u>	<u>hard</u>	<u>173</u>	<u>208</u>
"	<u>(Some water) red</u>	<u>semihard</u>	<u>208</u>	<u>215?</u>
"	<u>green</u>	<u>hard</u>	<u>215</u>	<u>313</u>
<u>unconsolidated rock</u>	<u>increased water</u>		<u>313</u>	<u>340</u>
<u>+ gravel</u>				
<u>bedrock</u>	<u>varying layers</u>		<u>340</u>	<u>360</u>

Intake Portion of Well
 Screen type _____ or open hole from _____ ft to _____ ft
 Manufacturer _____
 Material _____ Dia _____
 Fittings _____ Length _____
 Set between _____ ft and _____ ft Slot _____
 _____ ft and _____ ft Slot _____
 _____ ft and _____ ft Slot _____

Filter Pack
 Source _____ Gradation _____
 Method of installation _____ Composition _____
 Volume used _____ Depth to top of f p _____

Grout
 Used? Yes No Volume used _____
 Neat Cement Bentonite
 Method of installation _____
 Depth: from _____ ft to _____ ft
 from _____ ft to _____ ft

Development
 Method Air Duration 2 hrs total
 Dates _____ Sand content after _____ hrs
 Chemicals used _____

Static Water Level
 _____ ft below above grade
 Date measured _____

Pumping Water Level
 _____ ft below above grade Date _____
 After _____ hrs pumping at _____ gpm

Specific Capacity 2+
 Date Apr 12/96 _____ gpm/ft of drawdown at _____ hours

Pump
 Date installed _____ Type _____
 Manufacturer _____ Model No _____
 H P _____ Volts _____ Capacity _____
 Depth of pump intake setting _____ No of stages _____
 Oil Water lubrication Power source _____
 Material of drop pipe _____ bowls _____
 shafting _____ impellers _____ Bowl dia. _____
 Column pipe dia _____ Length _____ Modifications _____

Well Head Completion
 Pitless adaptor Basement offset Distance above grade _____

Nearest Sources of Possible Contamination
 _____ ft Direction _____ Type _____
 Well disinfected upon completion? Yes No

Geophysical Logs Run

Contractor Name and Address
 Name of Driller Whitewater Resources (Roger Kneller)
 State License Number RR 2 53 C 46 White Y.T.

Water Quality
 Sample taken? Yes No
 Where analyzed _____
 Date well completed Apr 12/95