

# Northwind Drilling And Pump Sales

Box 284 Watson Lake, Yukon Y0A 1C0

867-536-2009

# BC Environment

Groundwater Section

Water Management Branch

IDENTIFICATION	
Well I.D. No.:	401 Plate #:
Name:	(Last) (First)
Address:	(Street No.) (Street Name)
Consultant Co.:	Na

DATE	
Started:	6/9/2004 Completed: 7/12/2004
Rig #:	01
Other Equipment:	pump developement

WELL LOCATION		
BCGS:		
Lot: 50	Plan: 27641	District Lot:
Location:	Watson Lake, Yukon	
Section:	Township:	Range:
PID:	Land Dist:	Block:
Legal Misc.:		
GPS Lat:	GPS Long:	
Proposed Use:	DOM	Type of Work: NEW
Owner's Number of Well:	401	Type of Rig: CAB

DEPTH		CREW	
Overburden:	92 ft.	Driller:	
Bedrock:	ft.	Helper:	
Total:	ft.		

DIMENSIONS			
Diameter of Well	6	Inches	
Drilled:	92 ft.	Depth of completed well:	92 ft.
Liner From:	0 ft.	To:	0 ft. Diameter: in.

LITHOLOGY		
Unit of Measurement: FT		
FROM	TO	LITHOLOGY
0	27	surface gravels,sand,light grey
28	32	hard pan,gravels
33	44	grey sands,fine,silty
45	52	hardclays,sharp gravels,water bearing,perma frost,small flow, static of 9 feet
53	77	grey sands,silty water bearing,warm
78	82	clays,sharp gravels,wood, cold waterbearing with static of 26 feet
83	92	cemented gravels,clay,silts.

CASING DETAILS 1			
Material:	STL	Table Used:	SCHEDULE
Size: 6"	Diameter:	6.625	Wall: 188
From:	To:	Total Length: 96	

CASING DETAILS 2			
Material:	Table Used:		
Size:	Diameter:	Wall:	
From:	To:	Total Length:	

PERFORATIONS	
Perforations:	<input type="checkbox"/>
Misc.:	

Development Total Hrs.:	16
Development Notes	
All attempts at developement was found to have poor results.Grey silts cloudy.	

SCREENS				
Screens:	<input type="checkbox"/>	Material: Stainless Steel		
Manufacture:	johnson			
Type:	Wire: V Wire			
I.D.:	inches	Slot Size 1:	20	77 ft. to 81 ft.
I.D.:	inches	Slot Size 2:	ft. to	
Total Length of Assembly Including Blanks and Riser:				4 ft.

GENERAL COMMENTS
Well was not completed to a producing status.

GRAVEL PACKED	
Gravel Packed:	<input type="checkbox"/>
Gravel placed from:	ft. to ft.

PRODUCTION DATA AT TIME OF DRILLING			
Static Level:	ft.	Tidal:	<input type="checkbox"/>
Rec'd Max. Pump Output:	BAIL	at	ft.
Rec'd Pump Setting:	86 ft.	at	12 GPM from GrdLvl

SURFACE SEAL	
Surface Seal:	<input type="checkbox"/>
Material Used in Seal:	bentonite
Method of Sealing strata off:	bentonite/

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Groundwater Section

Water Management Branch

IDENTIFICATION	
Well I.D. No.:	4012 Plate #:
Name:	(Last) (First)
Address:	(Street No.) (Street Name)
Consultant Co.:	Na

DATE	
Started:	8/5/2004 Completed: 8/10/2004
Rig #:	01
Other Equipment:	pumping equipment

WELL LOCATION	
BCGS:	
Lot: 50	Plan: 27641 District Lot:
Location:	Watson Lake, Yukon
Section:	Township: Range:
PID:	Land Dist: Block:
Legal Misc.:	
GPS Lat: n 60 03 00	GPS Long: w128.39.20
Proposed Use:	DOM Type of Work: NEW
Owner's Number of Well:	401 Type of Rig: CAB

DEPTH		CREW	
Overburden:	92 ft.	Driller:	
Bedrock:	ft.	Helper:	
Total:	92 ft.		

DIMENSIONS	
Diameter of Well	8 inches
Drilled:	92 ft. Depth of completed well: 51 ft.
Liner From:	ft. To: ft. Diameter: in.

LITHOLOGY		
Unit of Measurement:	FT	
FROM	TO	LITHOLOGY
0	32	hard pan clays, overburden, permafrost at 32 feet
33	51	shard gravels with some sand ending in clay silts with large water flow.

CASING DETAILS 1	
Material:	STL Table Used: SCHEDULE
Size: 6"	Diameter: 6.625 Wall:
From: 0	To: 51 Total Length: 51

CASING DETAILS 2	
Material:	Table Used:
Size:	Diameter: Wall:
From:	To: Total Length:

PERFORATIONS	
Perforations:	<input type="checkbox"/>
Misc.:	

Development Total Hrs.:	16
Development Notes	Cloudy, warm flow intrusion, two desictive static levels, with permafrost.

SCREENS	
Screens:	<input checked="" type="checkbox"/> Material: Stainless Steel 19.2-21.6
Manufacture:	Johnson
Type:	continuous slot Wire: V Wire
I.D.:	5.5 inches Slot Size 1: 20 71 ft. to 67 ft.
I.D.:	5.5 inches Slot Size 2: 20 67 ft. to 63 ft.
Total Length of Assembly including Blanks and Riser:	8 ft.

GENERAL COMMENTS	
this work was to find an adequit suppy in surface layer of water.	

GRAVEL PACKED	
Gravel Packed:	<input type="checkbox"/> Size of Gravel:
Gravel placed from:	ft. to ft.

PRODUCTION DATA AT TIME OF DRILLING	
Static Level:	13 ft. Tidal: <input type="checkbox"/>
Rec'd Max. Pump Output:	PUMP at 18 GPM at 45 ft.
Rec'd Pump Setting:	45 ft. at 18 GPM from Casing

SURFACE SEAL	
Surface Seal:	<input checked="" type="checkbox"/> Depth: 10
Material Used in Seal:	Bentonite/
Method of Sealing strata off:	oversized

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