



WATER WELL RECORD

Date YR MO DY

BCGS MAP WELL No. ELEV Location Accuracy GPS

UTM Z E N U M Date 19 Well Type

Owners Name & Address

Legal Description & Address

Descriptive Location KWANZ SCHOOL DISTRIBUTION BASIN

1. TYPE OF WORK New Well Reconditioned Deepened Abandoned
2. WORK METHOD Cable tool Bored Jetted Rotary a mud b air c reverse Other
3. WATER WELL USE Domestic Municipal Irrigation Comm. & Ind. Other
4. DRILLING ADDITIVES NONE

9. CASING: Steel Galvanized Wood Plastic Concrete Other

Hole Diameter	6 7/8								units
Diameter	6								ins
from	0								ft
to	75								ft
Thickness	280								ins
Weight									lb/ft

5. MEASUREMENTS from Ground level top of casing casing height above ground level 3.28 ft.

- Pitless unit ft above below ground level
- Welded Cemented Threaded New Used

FROM ft	TO ft	6. WELL LOG DESCRIPTION	SWL ft
0	13	SILT SAND TOPSOIL	
13	16	SILT SAND TRACES OF GRAVEL	
16	30	BEN. SILT, BRN SAND	
30	34	SILTY SAND CLAY MUD	
34	73	(HARD PAN) AND/OR TILL	
73	82	W/B SILTY GREEN SAND + FINE - MED. GRAVEL	
82	85	STICKY SAND + GRAVEL	
85	90	OUT WATER OFF @ 85 FT TILL	
		* TO SURFACE SEAL TO 20 FT	
		* GPS READING: 61° 15.109 N 138° 48.046 W ACCURACY 26 FT ELEV. 2627 FE.	

Shoe(s): BARBER DRIVE SHOEOpen hole, from to ft Diameter ins

10. SCREEN: Nominal (Telescope) Pipe Size
- Type Continuous Slot Perforated Louvre Other

Material Stainless Steel Plastic OtherSet from 76 to 80 ft below ground level

RISER, SCREEN & BLANKS								units
Length	2.5		4					ft
Diam. ID	5		5					ins
Slot Size	0		0.020					ins
from	73.5		76					ft
to	76		80					ft

Fittings, top KPARKER bottom THREADED PLUG

11. DEVELOPED BY: Surging Jetting Air Bailing Pumping Other

12. TEST Pump Bail Air Date 06/10/27

Rate 15 USgpm Temp °C SWL before test ft

Water Level ft after test of hrs

DRAWDOWN in ft				RECOVERY in ft			
mins	WL	mins	WL	mins	WL	mins	WL

13. RECOMMENDED PUMP TYPE RECOMMENDED PUMP SETTING RECOMMENDED PUMPING RATE USgpm

14. WATER TYPE: fresh salty clear cloudy

colour 2 LIGHTEN smell ; gas yes no

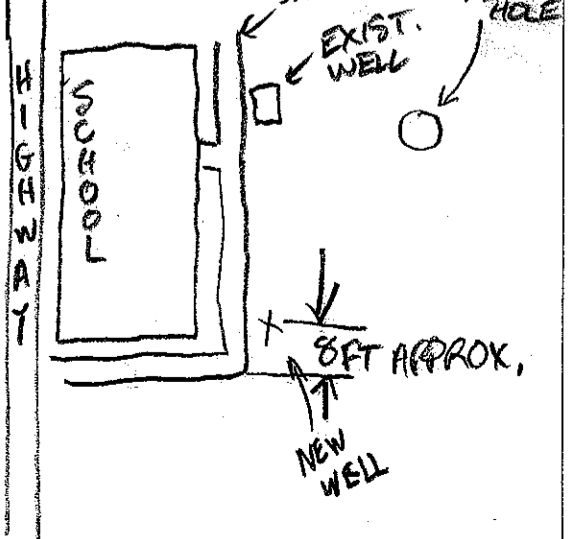
15. WATER ANALYSIS: 1 Hardness mg/L

2 Iron mg/L 3 Chloride mg/L

4 pH Field Date

7. CONSULTANT Address

8. WELL LOCATION SKETCH

SITE ID No Lab Date YR MO DY

16. FINAL WELL COMPLETION DATA

Well Depth 80 ft Well Yield 15 USgpm

Static Water Level 7.0 M Artesian Flow US gpm Pressure Head ft

Back filled T.O.C.

Well Head Completion 6" LOCKABLE HINGED PLATE

17. DRILLER PLEASE PRINT

Signature

18. CONTRACTOR, DOUBLE D DRILLING LTD.

Address BOX 766 TERRACE B.C. V8G 4R1

(250) 635 7877

Member, BCGWA yes no

HYDROGEOLOGIC LOG

PURPOSE OF HOLE: Water Supply Well
 DRILLING METHOD: Air Rotary
 DRILLING DATE: October 25, 2006
 SCREEN INSTALLED: October 26, 2006
 CONTRACTOR: Double D Drilling Ltd.

BOREHOLE NO. **WELL 3171-B**
 CASING STICK UP: 1.0 m -agl.
 DEPTH TO STATIC: 6.4 m-bgl.
 DEPTH TO SCREEN TOP (m): 23.2 m

Depth (m)	Lithology	Comments	Well Installation Summary
0m	SAND - silty, fine grained, black, moist, (TOPSOIL)		<p>Circle Plate - lockable</p> <p>10" (250 mm) Bentonite Surface Seal</p> <p>6.0 m</p> <p>Static Water Level = 6.4 m-bgl Oct. 26/06</p> <p>6" (152 mm) ID Steel Well Casing</p> <p>5" (127 mm) Ø steel riser K-packer top with threaded plug bottom</p> <p>Nominal (Telescope) continuous 30 slot 0.8 mm (0.030") stainless steel well screen exposed from 23.2 m to 24.4 m-bgl.</p> <p>Backfill/Cuttings</p>
4.0 m	SAND - some silt, some gravel, fine grained, subangular, brown		
5m	SAND & GRAVEL - some silt, fine to coarse grained, angular, brown		
7.6 m	SILT & SAND - trace of gravel, fine to medium grained, angular, coarsening with depth, brown		
9.1 m	GRAVEL - silty, some sand, angular, brown		
10m	SILT & CLAY - some sand, trace of gravel, brown, grey		
12.2 m	SAND & GRAVEL - silty, fine to coarse grained, angular to subangular, grey		
15m	TILL		
15.2 m	END OF BOREHOLE - Backfilled with drill cuttings to 24.4 m		
20m			
21.3 m			
24.4 m			
25m			
27.4 m			
30m			

\\eba.local\corp\Whitehorse\Data\020\Drawings\ Destruction Bay\1260028 Kluane Lake School Well Completion\1260028 Figure 1 Well Log_3171B.dwg [WELL 3171-B] February 15, 2007 - 4:04pm ikosya

CLIENT



WATER WELL COMPLETION REPORT KLUANE LAKE SCHOOL - DESTRUCTION BAY, YT

WELL LOG 3171-B

PROJECT NO. 1260028	DWN JSB	CKD TAK/RMM	REV 0
OFFICE EBA-WHSE	DATE January 30, 2007		

Figure 3