

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

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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