

# HYDROGEOLOGIC LOG


BOREHOLE NO.

TW05-03

PURPOSE OF HOLE: Water Supply Well  
 DRILLING METHOD: Dual Air Rotary  
 START DRILLING: November 13, 2005  
 SCREEN INSTALLED: November 16, 2005  
 CONTRACTOR: Double "D" Drilling Ltd.

GROUND ELEV. (m-geod): 694  
 TOP OF CASING (m-geod): 695  
 CASING STICK UP (m): 1.0 m-above grd.  
 DEPTH TO STATIC (m): 12.9 m-below grd.  
 DEPTH TO SCREEN TOP (m): 41.9 m-bg.  
 UTM Coordinates from GPS: 6661867 N, 514080 E

Lithology	Comments	Well Installation Summary
Depth (m)		
0m		1 m stick-up with welded cover
SAND & GRAVEL - silty, fine-med. grained sand, med.-coarse gravel, inferred cobbles/boulders, dry, brown		Bentonite Surface Seal
5m		6.00 m
6.1 m		
SAND & GRAVEL - trace of silt, med.-fine sand, dry, brown		
10m		
15m	Water Level = 12.90 m-bg January 12, 2006	8" (203 mm) ID Steel Well Casing
16.8 m		
SAND & SILT - trace of organics, fine-med. grained sand, wet, brown		
20m		
25m		
30m		
30.5 m		
SAND - trace of silt, fine-med. grained sand, wet, grey		
32.0 m		
SILT - some sand, trace of organics, wet, brown		
35m		
35.7 m		
SAND - trace of silt, med.-coarse grained sand, wet, grey		
37.2 m		
SILT - some sand, trace of organics, wet, brown		
40m		
40.5 m		
SAND - trace of silt, med.-coarse grained sand, wet, grey		
42.0 m		
SAND & GRAVEL - trace of silt, med.-coarse sand, fine-med. grained sub-angular to sub-rounded gravel, wet, grey		
43.4 m		
GRAVEL & SAND - trace of silt, fine-med. grained sub-angular to sub-rounded gravel, wet, grey		
END OF BOREHOLE		

 <b>EBA Engineering Consultants Ltd.</b>		PROJECT HYDROGEOLOGICAL STUDY FOR POTABLE GROUNDWATER SUPPLY - LIARD FIRST NATION WATER SUPPLY 2/2.4/2.5 MILE COMMUNITY - WATSON LAKE, YUKON	
CLIENT DAYTON & KNIGHT LTD. LIARD FIRST NATION		TITLE WELL LOG TW05-03	
DATE FEB. 2006	DWN. JSB	CHKD. KSJ	FILE NO. 0201-1260004
		DRWG. APPENDIX C1	