

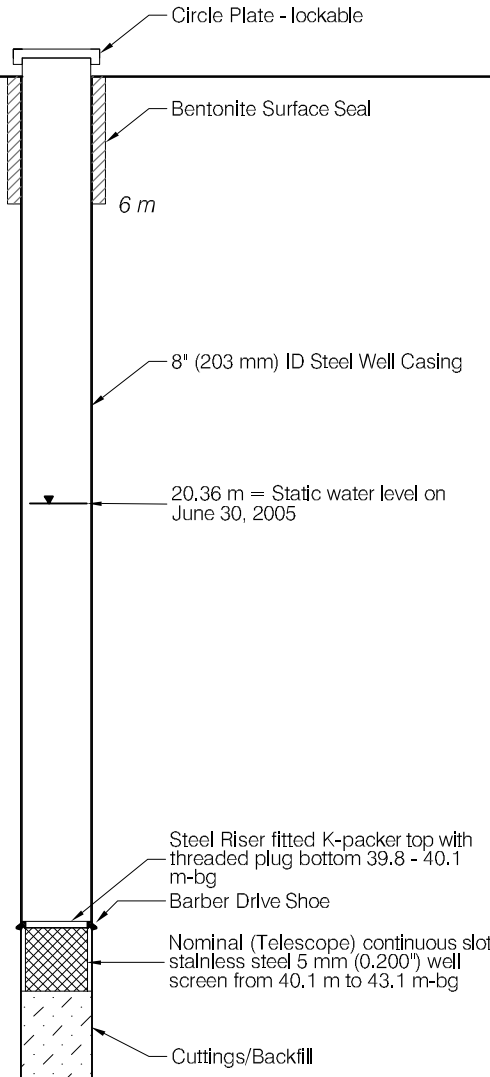
# HYDROGEOLOGIC LOG

BOREHOLE NO.

PW05-1

PURPOSE OF HOLE: Water Supply Well  
 DRILLING METHOD: Dual Air Rotary  
 START DRILLING: June 24, 2005  
 SCREEN INSTALLED: June 30, 2005  
 CONTRACTOR: Double 'D' Drilling Ltd.

GROUND ELEV. (m-geod):  
 TOP OF CASING (m-geod):  
 CASING STICK UP (m): 1.0 m above grd.  
 DEPTH TO STATIC (m): 20.36 m below grd.  
 DEPTH TO SCREEN TOP (m): 40.1 m - bg

Lithology	Comments	Well Installation Summary
Depth (m)		
0m		 <p>Circle Plate - lockable</p> <p>Bentonite Surface Seal</p> <p>6 m</p> <p>8" (203 mm) ID Steel Well Casing</p> <p>20.36 m = Static water level on June 30, 2005</p> <p>Steel Riser fitted K-packer top with threaded plug bottom 39.8 - 40.1 m-bg</p> <p>Barber Drive Shoe</p> <p>Nominal (Telescope) continuous slot stainless steel 5 mm (0.200") well screen from 40.1 m to 43.1 m-bg</p> <p>Cuttings/Backfill</p>
SAND - fine 11.9 m		
SAND & GRAVEL - well graded sand, coarse gravel		
5m		
9.1 m		
10m BOULDER 9.4 m		
SAND & GRAVEL - trace cobbles 12.2 m		
SAND - fine to med. grained, brown		
15m		
20m		
25m SAND - silty 25.0 m		
30m		
34.1 m		
35m SAND & GRAVEL - silty, fine to med. grained, grey	Well Yield = +120 Igpm.	
40m SAND & GRAVEL - well graded sand, medium 40.2 m		
44.2 m		
45m SAND & SILT - fine, trace gravel		
47.2 m		
END OF BOREHOLE		
50m		

 **EBA Engineering Consultants Ltd.**

PROJECT PRELIMINARY HYDROGEOLOGICAL ASSESSMENT AND WELL COMPLETION REPORT LSCFN - CARMACKS, YUKON

CLIENT  **Quest Engineering Group**

TITLE **WATER WELL RECORD**

DATE	AUG. 2005	DWN.	JSB	CHKD.	KSJ	FILE NO.	1260003	DRWG.	APPENDIX B
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