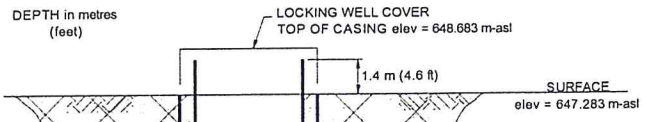
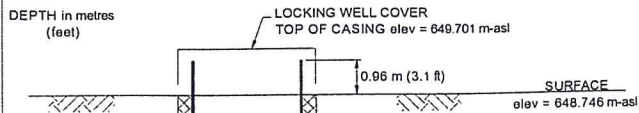


Well 8  
E: 498494  
N: 6728987

Well 9  
E: 498614  
N: 6729064

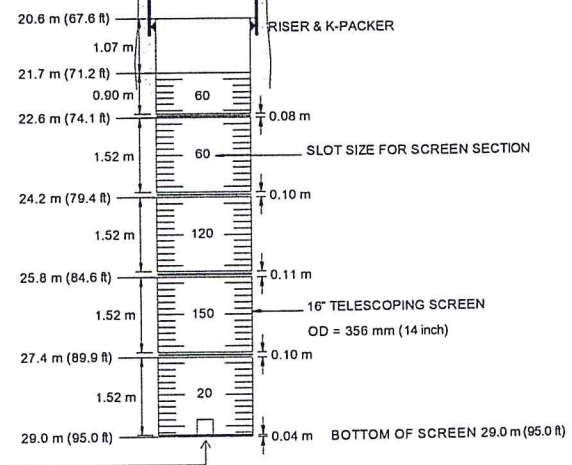
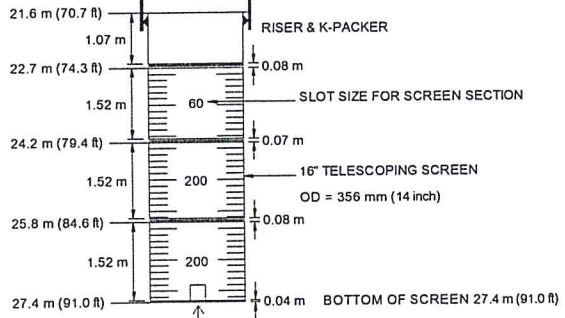


**Well 8**

Date Drilled: August 30 - September 8, 2008  
 Drilling Method: Air Rotary  
 Drilling Company: Encore Coring & Drilling Inc.  
 Well Owner: City of Whitehorse  
 Intended Use: Municipal Water Supply  
 Minimum Inside Screen Diameter: 342mm

**Well 9**

Date Drilled: September 8 - October 6, 2008  
 Drilling Method: Air Rotary  
 Drilling Company: Encore Coring & Drilling Inc.  
 Well Owner: City of Whitehorse  
 Intended Use: Municipal Water Supply  
 Minimum Inside Screen Diameter: 342mm



**ISSUED FOR USE**

STAINLESS STEEL BOTTOM PLUG WITH TAPERED THREAD MALE CONNECTOR USED TO SUPPORT THE SCREEN DURING INSTALLATION

**NOTES**

- 1) Well screen manufactured by Johnson
- 2) See TH1-08 (Well 9) and TH2-08a, TH2-08b (Well 8) in Appendix A for well lithology and grain size analysis depths
- 3) Grain size analysis results included in Appendix B

CLIENT



**2008 Groundwater Exploration and Development Program, Whitehorse, Yukon**

**WELL 8 AND 9 CONSTRUCTION DETAILS**

PROJECT NO W23101152.003	DWN LM	CKD KSJ	REV 1
OFFICE EBA-KELOWNA	DATE January 8, 2009		

Figure 4



C:\Kebornal\Drawings\W23101152\W23101152.dwg [FIGURE 4] February 09, 2009 - 2:29pm

Project: 2008 Groundwater Exploration and Development Program, Whitehorse, Yukon		Client: City of Whitehorse		PROJECT NO. - BOREHOLE NO.											
see Figure 2 for borehole location		Contractor: SDS Drilling		W23101152.001 - TH1-08											
		Equipment: Superdrill 150 RDU Sonic Drill		ELEVATION: 645m											
SAMPLE TYPE		<input type="checkbox"/> DISTURBED	<input type="checkbox"/> NO RECOVERY	<input checked="" type="checkbox"/> SPT	<input type="checkbox"/> A-CASING										
BACKFILL TYPE		<input type="checkbox"/> BENTONITE	<input type="checkbox"/> PEA GRAVEL	<input type="checkbox"/> SLOUGH	<input type="checkbox"/> GROUT										
		<input type="checkbox"/> CORE	<input type="checkbox"/> SHELBY TUBE	<input type="checkbox"/> DRILL CUTTINGS	<input type="checkbox"/> SAND										
Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	USCS	GRAPHICAL LEGEND	MOISTURE CONTENT	CLASSIFICATION TESTS			PARTICLE SIZE DISTRIBUTION			POCKET PENETROMETER (kPa)	Elevation (m)	
							PLASTIC	M.C.	LIQUID	FINES (%)	SAND (%)	GRAVEL (%)			
0	LOAM			PT			10	20	30	40					645.0
1	SAND, gravelly, some silt														644.0
2															643.0
3	SAND, some silt, trace gravel														642.0
4															641.0
5	SAND, some to trace silt														640.0
6															639.0
7															638.0
8															637.0
9															636.0
10				SW											635.0
11															634.0
12															633.0
13															632.0
14															631.0
15															630.0
16															629.0
17															628.0
18	SILT, sandy			ML											627.0
19	SAND, some silt, trace gravel														626.0



EBA Engineering Consultants Ltd.

LOGGED BY: [REDACTED]	COMPLETION DEPTH: 32m
REVIEWED BY: [REDACTED]	COMPLETE: 8/12/2008
DRAWING NO: TH1-08	Page 1 of 2



Project: 2008 Groundwater Exploration and Development Program, Whitehorse, Yukon		Client: City of Whitehorse		PROJECT NO. - BOREHOLE NO.										
see Figure 2 for borehole location		Contractor: SDS Drilling		W23101152.001 - TH1-08										
		Equipment: Superdrill 150 RDU Sonic Drill		ELEVATION: 645m										
SAMPLE TYPE		<input type="checkbox"/> DISTURBED	<input type="checkbox"/> NO RECOVERY	<input type="checkbox"/> SPT	<input type="checkbox"/> A-CASING									
BACKFILL TYPE		<input type="checkbox"/> BENTONITE	<input type="checkbox"/> PEA GRAVEL	<input type="checkbox"/> SLOUGH	<input type="checkbox"/> GROUT									
		<input type="checkbox"/> CORE	<input type="checkbox"/> DRILL CUTTINGS	<input type="checkbox"/> SAND										
Depth (m)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	USCS	GRAPHICAL LEGEND	MOISTURE CONTENT	CLASSIFICATION TESTS			PARTICLE SIZE DISTRIBUTION			POCKET PENETROMETER (kPa)	Elevation (m)
							PLASTIC	M.C.	LIQUID	FINES (%)	SAND (%)	GRAVEL (%)		
19				SW										626.0
20														625.0
21			20.4											624.0
22	SILT, sandy			ML										623.0
23	SAND, some gravel, trace silt		21.9											622.0
24	SAND and GRAVEL, trace silt			SP										621.0
25	SAND, trace gravel, trace silt		23.8											620.0
26	GRAVEL, sandy, trace SILT			GP										619.0
27			26.5											618.0
28	SAND, gravelly, trace SILT		27.0											617.0
29			27.6	SP										616.0
30	TILL			CL										615.0
31	BEDROCK - BASALT			BEDROCK										614.0
32	END OF BOREHOLE AT 32.0 METRES													613.0
33	Elevation is approximate. See Appendix B for grain size results. TH1-08 drilled as a pilot hole for well 9 - see Figure 4 for well 9 construction details.													612.0
34														611.0
35														610.0
36														609.0
37														608.0
38														607.0



EBA Engineering Consultants Ltd.

LOGGED BY: [REDACTED]  
 REVIEWED BY: [REDACTED]  
 DRAWING NO: TH1-08

COMPLETION DEPTH: 32m  
 COMPLETE: 8/12/2008  
 Page 2 of 2