

DRILLING REPORT GEOTHERMAL WELLS

Reference	Ave. George VI	Borehole no. 1
Project name	Armoury	
City (municipality)	Quebec	
Province	Quebec	



65-1 Francois Bourgeois
Victoriaville
Québec, G6T 2G9
Tel: (819) 758-7883

MATERIAL	
STEEL CASING	
Overburden depth:	3,0 m
Tube length:	6,1 m
Diameter(INT):	15,2 cm
Diameter(EXT):	16,8 cm

FLOW (Q)	
END OF WELL:	<input type="text" value="0,2"/> m³/h
STATIC LEVEL:	<input type="text" value="n/a"/> m

DRILLING DATE	DEPTH
26-11-2013	Overburden: <input type="text" value="3,0"/> m
OPERATOR NAME	Altered rock: <input type="text" value="3.0 to 6.1"/> m
Gilles Dubé	Unaltered rock: <input type="text" value="6.1 to 146.3"/> m
EQUIPMENT TYPE	TOTAL (DRILLED): <input type="text" value="146,3"/> m
Foremost DR-12W	

Geothermal pipe(HDPE)	
POLYETHYLENE PIPE : SDR:	<input type="text" value="11"/>
DIAMETER (INT):	<input type="text" value="1,25"/> Inches

HORIZONTAL SECTION	
DEPTH	
Excavation:	<input type="text"/> m
Pipe:	<input type="text"/> m

Depth (m)	GEOLOGY		WATER (fracture)		DRILLING AND GEOTHERMAL WORK			
	Cross-section	LITHOLOGY	FLOW (m³/h)	Depth (m)	BOREHOLES		BOREHOLE DIAMETER	Drilling speed (m/h)
3.0		Overburden			STEEL TUBING			
10.0		Rock			POLYETHYLENE PIPE			
19,5					<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p style="text-align: center; margin: 0;">MIX</p> <p>Bentonite: <input type="text" value="50"/> Pounds</p> <p>Silica sand: <input type="text" value="260"/> Pounds</p> <p>Conductivity: <input type="text" value="1"/> $\frac{\text{btu}}{\text{hr} \cdot \text{ft} \cdot ^\circ\text{f}}$</p> </div>			
20,0					Number of mixes: <input type="text" value="16"/>			
30,0					NOT TO SCALE			
40,0					Depth: <input type="text" value="146,3"/> M			
50,0					End of well			
60,0					Note: no major fractures			
70,0					End of well			
80,0					End of well			
90,0					End of well			
100,0				End of well				
146.3				End of well				
150,0				End of well				
200,0				End of well				