

600035

County Pine
Quad Bass Creek
Quad ID 170D

MINNESOTA DEPARTMENT OF HEALTH
WELL AND BORING REPORT
Minnesota Statutes Chapter 1031

Entry Date 05/28/1998
Update Date 02/14/2014
Received Date

Well Name SMITH, JEFF					Township 39		Range 20		Dir Section W 35		Subsection DDAADC		Well Depth 55 ft.			Depth Completed 55 ft.			Date Well Completed 12/19/1997							
Elevation 840 ft.					Elev. Method		7.5 minute topographic map (+/- 5 feet)										Drill Method Non-specified Rotary			Drill Fluid Bentonite						
Address															Use domestic			Status Active								
C/W 1150 WOODRIVER RD PINE CITY MN 55063															Well Hydrofractured?			Yes ☐		No ☐		From		To		
Stratigraphy Information															Casing Type Single casing			Joint Glued								
Drive Shoe?															Yes ☐		No ☒		Above/Below							
Geological Material					From		To (ft.)		Color		Hardness		Casing Diameter			Weight			Hole Diameter							
CLAY AND ROCKS					0		16		BROWN		SOFT		4 in. To 51 ft. 2 lbs./ft.			8 in. To 55 ft.										
GRAVEL					16		21		DARK		MEDIUM															
CLAY					21		48		BROWN		MEDIUM															
SAND					48		55		BROWN		SOFT															
Open Hole															From		ft.		To		ft.					
Screen? ☒															Type stainless		Make WESCO									
Diameter					Slot/Gauze		Length		Set																	
4 in.					10		4 ft.		51 ft.		55 ft.															
Static Water Level															32 ft.		land surface		Measure		12/09/1997					
Pumping Level (below land surface)															42 ft.		hrs.		Pumping at		10 g.p.m.					
Wellhead Completion															Pitless adapter manufacturer			BAKER			Model			SNAPPY		
☐ Casing Protection															☒ 12 in. above grade											
☐ At-grade (Environmental Wells and Borings ONLY)																										
Grouting Information															Well Grouted?			☒ Yes		☐ No		☐ Not Specified				
Material					Amount					From		To														
bentonite					2 Sacks					0 ft.		30 ft.														
Nearest Known Source of Contamination															50 feet		North Direction		Septic tank/drain field			Type				
Well disinfected upon completion?															☐ Yes		☐ No									
Pump ☐ Not Installed															Date Installed			12/19/1997								
Manufacturer's name															FLINT & WALLING											
Model Number					HP					0.5		Volt		230												
Length of drop pipe					40 ft		Capacity		10 g.p.		Typ		Submersible													
Abandoned															Does property have any not in use and not sealed well(s)? ☐ Yes ☒ No											
Variance															Was a variance granted from the MDH for this well? ☐ Yes ☐ No											
Miscellaneous															First Bedrock			Aquifer			Quat. buried					
Last Strat					sand-brown					Depth to Bedrock			ft													
Located by Minnesota Geological Survey																										
Locate Method Digitized - scale 1:24,000 or larger (Digitizing Table)																										
System					UTM - NAD83, Zone 15, Meters					X 515880		Y 5074020														
Unique Number Verification					Tag on well					Input Date		09/01/1998														
Angled Drill Hole																										
Well Contractor															Bill's Well			33655			SUTTON, G.					
Licensee Business					Lic. or Reg. No.					Name of Driller																