

723169

County Nicollet
Quad Sleepy Eye
Quad ID 77B

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

Entry Date 01/04/2006
Update Date 02/23/2009
Received Date 12/27/2006

Well Name BASTIAN,					Township 111	Range 32	Dir W	Section 13	Subsection BBCBCA	Well Depth 202 ft.			Depth Completed 202 ft.			Date Well Completed 09/12/2005																																																													
Elevation 983 ft.					Elev. Method 7.5 minute topographic map (+/- 5 feet)					Drill Method Non-specified Rotary			Drill Fluid Bentonite																																																																
Address Well 68170 362ND ST FAIRFAX MN										Use domestic			Status Active																																																																
Stratigraphy Information <table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>SOIL</td><td>0</td><td>2</td><td>BLACK</td><td>SOFT</td></tr><tr><td>CLAY SANDY</td><td>2</td><td>26</td><td>YELLOW</td><td>SOFT</td></tr><tr><td>CLAY SANDY</td><td>26</td><td>65</td><td>BLUE</td><td>SOFT</td></tr><tr><td>SAND & CLAY</td><td>65</td><td>75</td><td>GRAY</td><td>SOFT</td></tr><tr><td>SANDY CLAY & ROCKS</td><td>75</td><td>86</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>MED COARSE SAND</td><td>86</td><td>94</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY SANDY</td><td>94</td><td>102</td><td>TAN</td><td>SOFT</td></tr><tr><td>FIRM CLAY</td><td>102</td><td>119</td><td>GRAY</td><td></td></tr><tr><td>SAND & CLAY</td><td>119</td><td>126</td><td>BROWN</td><td>SOFT</td></tr><tr><td>FIRM STICKY CLAY</td><td>126</td><td>155</td><td>GRAY</td><td></td></tr><tr><td>CLAY & SAND LAYERS</td><td>155</td><td>164</td><td>GRY/BRN</td><td></td></tr><tr><td>FINE SAND</td><td>164</td><td>202</td><td>BROWN</td><td>SOFT</td></tr></table>										Geological Material	From	To (ft.)	Color	Hardness	SOIL	0	2	BLACK	SOFT	CLAY SANDY	2	26	YELLOW	SOFT	CLAY SANDY	26	65	BLUE	SOFT	SAND & CLAY	65	75	GRAY	SOFT	SANDY CLAY & ROCKS	75	86	GRAY	MEDIUM	MED COARSE SAND	86	94	BROWN	SOFT	CLAY SANDY	94	102	TAN	SOFT	FIRM CLAY	102	119	GRAY		SAND & CLAY	119	126	BROWN	SOFT	FIRM STICKY CLAY	126	155	GRAY		CLAY & SAND LAYERS	155	164	GRY/BRN		FINE SAND	164	202	BROWN	SOFT	Well Hydrofractured? Yes ☐ No ☒ From To		
										Geological Material	From	To (ft.)	Color	Hardness																																																															
										SOIL	0	2	BLACK	SOFT																																																															
										CLAY SANDY	2	26	YELLOW	SOFT																																																															
										CLAY SANDY	26	65	BLUE	SOFT																																																															
										SAND & CLAY	65	75	GRAY	SOFT																																																															
										SANDY CLAY & ROCKS	75	86	GRAY	MEDIUM																																																															
										MED COARSE SAND	86	94	BROWN	SOFT																																																															
										CLAY SANDY	94	102	TAN	SOFT																																																															
										FIRM CLAY	102	119	GRAY																																																																
SAND & CLAY	119	126	BROWN	SOFT																																																																									
FIRM STICKY CLAY	126	155	GRAY																																																																										
CLAY & SAND LAYERS	155	164	GRY/BRN																																																																										
FINE SAND	164	202	BROWN	SOFT																																																																									
Casing Type Single casing			Joint Solvent Welded																																																																										
Drive Shoe? Yes ☐ No ☒ Above/Below																																																																													
Casing Diameter 6 in. To 192 ft.			Weight lbs./ft.			Hole Diameter 9 in. To 202 ft.																																																																							
Open Hole From ft. To ft.																																																																													
Screen? ☒			Type stainless			Make JOHNSON																																																																							
Diameter 5 in.			Slot/Gauze 10			Length 13 ft.			Set 192 ft. 202 ft.																																																																				
Static Water Level 187 ft. land surface Measure 09/12/2005																																																																													
Pumping Level (below land surface) ft. hrs. Pumping at 15 g.p.m.																																																																													
Wellhead Completion Pitless adapter manufacturer MAAS Model ☐ 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 cuttings 60 ft. ft. high solids bentonite 5 Sacks ft. 60 ft.																																																																													
Nearest Known Source of Contamination 50 feet North Direction Barnyard Type Well disinfected upon completion? ☒ Yes ☐ No																																																																													
Pump ☐ Not Installed Date Installed Manufacturer's name AERMOTOR Model Number HP 2 Volt Length of drop pipe 188 ft Capacity 20 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 Department of Health Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 369190 Y 4920376 Unique Number Verification Input Date 11/02/2005																																																																													
Angled Drill Hole																																																																													
Well Contractor Searles Well Co. 08258 KUCK, D. Licensee Business Lic. or Reg. No. Name of Driller																																																																													

Minnesota Well Index Report	723169	Printed on 08/13/2026 HE-01205-15
-----------------------------	--------	--------------------------------------