

791340

County Clay
Quad Glyndon
Quad ID 262D

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

Entry Date 08/09/2013
Update Date 11/21/2014
Received Date 10/18/2013

Well Name BRINKMAN,				Township 139	Range 46	Dir W	Section 31	Subsection BCCCAC	Well Depth 112 ft.	Depth Completed 103 ft.	Date Well Completed 04/12/2013																																													
Elevation 932 ft.				Elev. Method Calc from NED (Natl.Elev.Dataset-30m)		Drill Method Non-specified Rotary						Drill Fluid Bentonite																																												
Address Well 5482 120TH ST S GLYNDON MN 56547									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>TOP SOIL</td><td>0</td><td>2</td><td>BLACK</td><td></td></tr><tr><td>SANDY CLAY</td><td>2</td><td>17</td><td>BROWN</td><td></td></tr><tr><td>CLAY</td><td>17</td><td>66</td><td>BLUE</td><td></td></tr><tr><td>SANDY CLAY</td><td>66</td><td>92</td><td>GRAY</td><td></td></tr><tr><td>SAND</td><td>92</td><td>96</td><td>VARIED</td><td></td></tr><tr><td>DIRTY SAND</td><td>96</td><td>97</td><td>GRAY</td><td></td></tr><tr><td>SAND</td><td>97</td><td>103</td><td>VARIED</td><td></td></tr><tr><td>SANDY CLAY</td><td>103</td><td>112</td><td>GRAY</td><td></td></tr></table>									Geological Material	From	To (ft.)	Color	Hardness	TOP SOIL	0	2	BLACK		SANDY CLAY	2	17	BROWN		CLAY	17	66	BLUE		SANDY CLAY	66	92	GRAY		SAND	92	96	VARIED		DIRTY SAND	96	97	GRAY		SAND	97	103	VARIED		SANDY CLAY	103	112	GRAY		Well Hydrofractured? Yes ☐ No ☒ From To		
									Geological Material	From	To (ft.)	Color	Hardness																																											
									TOP SOIL	0	2	BLACK																																												
									SANDY CLAY	2	17	BROWN																																												
									CLAY	17	66	BLUE																																												
									SANDY CLAY	66	92	GRAY																																												
									SAND	92	96	VARIED																																												
									DIRTY SAND	96	97	GRAY																																												
									SAND	97	103	VARIED																																												
									SANDY CLAY	103	112	GRAY																																												
Casing Type Single casing			Joint																																																					
Drive Shoe? Yes ☐ No ☐			Above/Below																																																					
Casing Diameter 4 in.			Weight 95 lbs./ft.			Hole Diameter 7.8 in.																																																		
						50 ft.																																																		
						6.2 in.																																																		
						112 ft.																																																		
Open Hole From 103 ft. To 112 ft.																																																								
Screen? ☒ Type stainless Make JOHNSON																																																								
Diameter 4 in. Slot/Gauze 12 Length 8 ft. Set 95 ft. 103 ft.																																																								
Static Water Level 8 ft. land surface Measure null																																																								
Pumping Level (below land surface) 74 ft. 1 hrs. Pumping at 10 g.p.m.																																																								
Wellhead Completion Pitless adapter manufacturer MONITOR Model 7PS45 ☐ Casing Protection ☐ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																																								
Grouting Information Well Grouted? ☒ Yes ☐ No ☐ Not Specified Material bentonite Amount 8 Sacks From 50 ft. To 50 ft.																																																								
Nearest Known Source of Contamination 75 feet West Direction Sewer Type Well disinfected upon completion? ☒ Yes ☐ No																																																								
Pump ☐ Not Installed Date Installed 04/12/2013 Manufacturer's name SCHAEFER Model Number 10LD507 HP 0.75 Volt 230 Length of drop pipe 84 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 Last Strat 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 229499 Y 5190459 Unique Number Verification Info/GPS from data Input Date 05/10/2013																																																								
Angled Drill Hole																																																								
Well Contractor LTP Enterprises, Inc. 2157 WICHMAN, C. Licensee Business Lic. or Reg. No. Name of Driller																																																								
Remarks																																																								