

404736

County Hennepin
Quad Mound
Quad ID 105B

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

Entry Date 07/05/1991
Update Date 03/13/2015
Received Date

Well Name 118 24 W 25 DCBCCD					Well Depth 200 ft.		Depth Completed 200 ft.		Date Well Completed 04/25/1986																																									
Elevation 1012 Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary		Drill Fluid																																											
Address C/W 5175 BROADMOOR DR INDEPENDENCE 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>CLAY</td><td>0</td><td>45</td><td>YELLOW</td><td>HARD</td></tr><tr><td>CLAY</td><td>45</td><td>65</td><td>BLUE</td><td>HARD</td></tr><tr><td>CLAY & GRAVEL</td><td>65</td><td>91</td><td>BLU/BLK</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>91</td><td>105</td><td>GRAY</td><td>HARD</td></tr><tr><td>CLAY & GRAVEL</td><td>105</td><td>164</td><td>RED</td><td>HARD</td></tr><tr><td>CLAY</td><td>164</td><td>176</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>WAER BEARING SAND</td><td>176</td><td>200</td><td>GRAY</td><td>SOFT</td></tr></table>					Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	45	YELLOW	HARD	CLAY	45	65	BLUE	HARD	CLAY & GRAVEL	65	91	BLU/BLK	MEDIUM	CLAY	91	105	GRAY	HARD	CLAY & GRAVEL	105	164	RED	HARD	CLAY	164	176	GRAY	MEDIUM	WAER BEARING SAND	176	200	GRAY	SOFT	Well Hydrofractured? Yes ☐ No ☐		From		To	
					Geological Material	From	To (ft.)	Color	Hardness																																									
					CLAY	0	45	YELLOW	HARD																																									
					CLAY	45	65	BLUE	HARD																																									
					CLAY & GRAVEL	65	91	BLU/BLK	MEDIUM																																									
					CLAY	91	105	GRAY	HARD																																									
					CLAY & GRAVEL	105	164	RED	HARD																																									
					CLAY	164	176	GRAY	MEDIUM																																									
					WAER BEARING SAND	176	200	GRAY	SOFT																																									
					Casing Type Single casing		Joint																																											
Drive Shoe? Yes ☐ No ☐		Above/Below		1 ft.																																														
Casing Diameter		Weight		Hole Diameter																																														
2 in. To 200 ft.		lbs./ft.		7.5 in. To ft.																																														
4 in. To 196 ft.		lbs./ft.																																																
Open Hole		From ft.		To ft.																																														
Screen? ☒		Type stainless		Make JOHNSON																																														
Diameter Slot/Gauze		Length		Set																																														
2 in. 10		4 ft.		196 ft. 200 ft.																																														
Static Water Level 110 ft. land surface Measure 04/25/1986																																																		
Pumping Level (below land surface) 115 ft. 2 hrs. Pumping at 30 g.p.m.																																																		
Wellhead Completion Pitless adapter manufacturer MERRILL Model SPK4 ☐ 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 neat cement 10 ft. 196 ft.																																																		
Nearest Known Source of Contamination 78 feet Southwes Direction Septic tank/drain field Type Well disinfected upon completion? ☒ Yes ☐ No																																																		
Pump ☐ Not Installed Date Installed 04/26/1986 Manufacturer's name MYERS Model Number HP 0.5 Volt 230 Length of drop pipe 140 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-gray Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 448349 Y 4982604 Unique Number Verification Lot Block Input Date 07/28/2014																																																		
Angled Drill Hole																																																		
Well Contractor Ingleside Engr. 27355 RIVERS, E. Licensee Business Lic. or Reg. No. Name of Driller																																																		