

529428

County Martin
Quad Wilmert
Quad ID 14C

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

Entry Date 04/19/1995
Update Date 07/02/2024
Received Date

Well Name NOWLOKI,	Township 101	Range 30	Dir W	Section 15	Subsection BCACBB	Well Depth 245 ft.	Depth Completed 245 ft.	Date Well Completed 06/30/1994																																																																						
Elevation 1214	Elev. Method LiDAR 1m DEM (MNDNR)				Drill Method Non-specified Rotary	Drill Fluid Bentonite																																																																								
Address C/W RR 3 BOX 87 FAIRMONT MN 56031						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>DIRT</td><td>0</td><td>2</td><td></td><td></td></tr><tr><td>CLAY</td><td>2</td><td>20</td><td>YELLOW</td><td></td></tr><tr><td>CLAY</td><td>20</td><td>118</td><td>BLUE</td><td></td></tr><tr><td>GRAVEL POCKET</td><td>118</td><td>122</td><td></td><td></td></tr><tr><td>CLAY</td><td>122</td><td>179</td><td>BLUE</td><td></td></tr><tr><td>SILT</td><td>179</td><td>182</td><td></td><td></td></tr><tr><td>CLAY</td><td>182</td><td>190</td><td>BLUE</td><td></td></tr><tr><td>SHALE</td><td>190</td><td>195</td><td>BLACK</td><td></td></tr><tr><td>SLIT</td><td>195</td><td>214</td><td></td><td></td></tr><tr><td>FINE SAND</td><td>214</td><td>220</td><td></td><td></td></tr><tr><td>CLAY</td><td>220</td><td>225</td><td>BLUE</td><td></td></tr><tr><td>FINE SAND</td><td>225</td><td>233</td><td></td><td></td></tr><tr><td>COURSE SAND</td><td>233</td><td>245</td><td></td><td></td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	DIRT	0	2			CLAY	2	20	YELLOW		CLAY	20	118	BLUE		GRAVEL POCKET	118	122			CLAY	122	179	BLUE		SILT	179	182			CLAY	182	190	BLUE		SHALE	190	195	BLACK		SLIT	195	214			FINE SAND	214	220			CLAY	220	225	BLUE		FINE SAND	225	233			COURSE SAND	233	245			Well Hydrofractured? Yes ☐ No ☐ From To		
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Casing Type Step down			Joint																																																																											
Drive Shoe? Yes ☐ No ☐			Above/Below																																																																											
Casing Diameter 5 in. To 245 ft.			Weight lbs./ft.			Hole Diameter 9 in. To ft.																																																																								
5 in. To 200 ft.			lbs./ft.			9 in. To ft.																																																																								
Open Hole <table><tr><td>From</td><td>ft.</td><td>To</td><td>ft.</td></tr><tr><td>☒ Screen?</td><td>telescoping</td><td>Make</td><td>JOHNSON</td></tr><tr><td>Diameter</td><td>Slot/Gauze</td><td>Length</td><td>Set</td></tr><tr><td>5 in.</td><td>20</td><td>5 ft.</td><td>240 ft. 245 ft.</td></tr></table>						From	ft.	To	ft.	☒ Screen?	telescoping	Make	JOHNSON	Diameter	Slot/Gauze	Length	Set	5 in.	20	5 ft.	240 ft. 245 ft.																																																									
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5 in.	20	5 ft.	240 ft. 245 ft.																																																																											
Static Water Level 70 ft. land surface Measure 06/30/1994																																																																														
Pumping Level (below land surface) 72 ft. 2 hrs. Pumping at 45 g.p.m.																																																																														
Wellhead Completion Pitless adapter manufacturer MASS Model 40 1.25 ☐ 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 10 ft. 40 ft.																																																																														
Nearest Known Source of Contamination 30 feet East Direction Other Type Well disinfected upon completion? ☒ Yes ☐ No																																																																														
Pump ☐ Not Installed Date Installed 06/30/1994 Manufacturer's name RED JACKET Model Number HP 1 Volt 220 Length of drop pipe 100 ft Capacity 18 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 190 ft Located by Minnesota Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 384920 Y 4823284 Unique Number Verification Tax Records Input Date 07/02/2024																																																																														
Angled Drill Hole																																																																														
Well Contractor Garlick-ziemann 46489 KOESTLER, E. Licensee Business Lic. or Reg. No. Name of Driller																																																																														