

187032

County Jackson
Quad Okabena
Quad ID 18A

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

Entry Date 11/11/1992
Update Date 08/12/2025
Received Date

Well Name BASS, VERN					Township 103	Range 37	Dir Section W 9	Subsection DCCCAA	Well Depth 248 ft.			Depth Completed 248 ft.			Date Well Completed 03/18/1988																																																			
Elevation 1414					Elev. Method LiDAR 1m DEM (MNDNR)					Drill Method Non-specified Rotary			Drill Fluid																																																					
Address C/W OKABENA MN 56161									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>28</td><td>BROWN</td><td>SOFT</td></tr><tr><td>ROCK</td><td>28</td><td>29</td><td>BROWN</td><td>HARD</td></tr><tr><td>CLAY</td><td>29</td><td>70</td><td>BLUE</td><td>SOFT</td></tr><tr><td>SAND</td><td>70</td><td>71</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>71</td><td>145</td><td>BLUE</td><td>SOFT</td></tr><tr><td>CLAY</td><td>145</td><td>155</td><td>BROWN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>155</td><td>215</td><td>BLUE</td><td>SOFT</td></tr><tr><td>CLAY</td><td>215</td><td>230</td><td>BLUE</td><td>MEDIUM</td></tr><tr><td>CLAY W/ ROCK</td><td>230</td><td>237</td><td>BLUE</td><td>HARD</td></tr><tr><td>SANDSTONE</td><td>237</td><td>248</td><td>GRAY</td><td>HARD</td></tr></table>									Geological Material	From	To (ft.)	Color	Hardness	CLAY	0	28	BROWN	SOFT	ROCK	28	29	BROWN	HARD	CLAY	29	70	BLUE	SOFT	SAND	70	71	BROWN	SOFT	CLAY	71	145	BLUE	SOFT	CLAY	145	155	BROWN	SOFT	CLAY	155	215	BLUE	SOFT	CLAY	215	230	BLUE	MEDIUM	CLAY W/ ROCK	230	237	BLUE	HARD	SANDSTONE	237	248	GRAY	HARD	Well Hydrofractured? Yes ☐ No ☐ From To		
									Geological Material	From	To (ft.)	Color	Hardness																																																					
									CLAY	0	28	BROWN	SOFT																																																					
									ROCK	28	29	BROWN	HARD																																																					
									CLAY	29	70	BLUE	SOFT																																																					
									SAND	70	71	BROWN	SOFT																																																					
									CLAY	71	145	BLUE	SOFT																																																					
									CLAY	145	155	BROWN	SOFT																																																					
									CLAY	155	215	BLUE	SOFT																																																					
									CLAY	215	230	BLUE	MEDIUM																																																					
CLAY W/ ROCK	230	237	BLUE	HARD																																																														
SANDSTONE	237	248	GRAY	HARD																																																														
Casing Type Single casing			Joint																																																															
Drive Shoe? Yes ☐ No ☐			Above/Below 1.5 ft.																																																															
Casing Diameter 5 in. To 238 ft.			Weight lbs./ft.			Hole Diameter 8.8 in. To 248 ft.																																																												
Open Hole From ft. To ft.																																																																		
Screen? ☒			Type stainless			Make JOHNSON																																																												
Diameter Slot/Gauze Length Set			5 in. 10 10 ft. 238 ft. 248 ft.																																																															
Static Water Level 115 ft. land surface Measure 03/18/1988																																																																		
Pumping Level (below land surface) 120 ft. 15 hrs. Pumping at 15 g.p.m.																																																																		
Wellhead Completion Pitless adapter manufacturer Y 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 bentonite ft. ft.																																																																		
Nearest Known Source of Contamination <u>100</u> feet <u>Southwes</u> Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☒ Yes ☐ No																																																																		
Pump ☐ Not Installed Date Installed <u>03/30/1988</u> Manufacturer's name WEBTROL Model Number <u>102S711B</u> HP <u>0.75</u> Volt <u>230</u> Length of drop pipe <u>160</u> ft Capacity <u>10</u> g.p. Typ <u>Submersible</u>																																																																		
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 Geological Survey Locate Method Digitization (Screen) - Map (1:24,000) (15 meters or System UTM - NAD83, Zone 15, Meters X 316049 Y 4844777 Unique Number Verification Site Plan Input Date 08/12/2025																																																																		
Angled Drill Hole																																																																		
Well Contractor Jerry's Well Co. 90421 CHRISTENSON, Licensee Business Lic. or Reg. No. Name of Driller																																																																		