

758687

County Cass
Quad Pillager
Quad ID 212C

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

Entry Date 04/22/2009
Update Date 10/20/2015
Received Date 10/12/2007

Well Name NILES, GLEN	Township 133	Range 29	Dir Section W 18	Subsection BADABC
Elevation 1203.7	Elev. Method LiDAR 1m DEM (MNDNR)			
Address C/W 12885 18TH AV PILLAGER MN 56473				
Stratigraphy Information				
Geological Material		From	To (ft.)	Color Hardness
SAND		0	47	BROWN SOFT
SAND / ROCKS		47	58	BROWN SOFT

Well Depth 58 ft.	Depth Completed 58 ft.	Date Well Completed 09/13/2007
Drill Method Non-specified Rotary	Drill Fluid Bentonite	
Use domestic	Status	
Well Hydrofractured? Yes ☐ No ☐	From	To
Casing Type Single casing	Joint Unknown	
Drive Shoe? Yes ☐ No ☒	Above/Below	
Casing Diameter 4 in. To 50 ft.	Weight 3 lbs./ft.	Hole Diameter 8 in. To 58 ft.
Open Hole From ft. To ft.		
Screen? ☒	Type telescoping	Make JOHNSON
Diameter 3 in.	Slot/Gauze Length 15 ft.	Set 50 ft. 58 ft.
Static Water Level 20 ft. land surface Measure 09/13/2007		
Pumping Level (below land surface) 50 ft. hrs. Pumping at g.p.m.		
Wellhead Completion Pitless adapter manufacturer BAKER Model BULLDOG ☐ 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 4 Sacks 0 ft. 30 ft.		
Nearest Known Source of Contamination 50 feet Northwes Direction Sewer Type Well disinfected upon completion? ☒ Yes ☐ No		
Pump ☐ Not Installed Date Installed 09/17/2007 Manufacturer's name SCHAEFER Model Number 40 HP 0.5 Volt 115 Length of drop pipe ft Capacity 12 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 Last Strat sand +larger-brown Aquifer Quat. Water Depth to Bedrock ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 393694 Y 5132576 Unique Number Verification Address verification Input Date 09/14/2015		
Angled Drill Hole		
Well Contractor Northland Drilling, Inc. 1933 PUGH, GLEN Licensee Business Lic. or Reg. No. Name of Driller		

Remarks