

740425

County Hubbard
Quad Dorset
Quad ID 255B

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

Entry Date 07/07/2008
Update Date 04/08/2015
Received Date 10/27/2007

Well Name LINDOW, JOHN	Township 140	Range 33	Dir W	Section 8	Subsection BDBBCD	Well Depth 40 ft.	Depth Completed 40 ft.	Date Well Completed 10/25/2007																														
Elevation 1437	Elev. Method LiDAR 1m DEM (MNDNR)	Drill Method Cable Tool						Drill Fluid																														
Address C/W 23465 18 CH NEVIS MN 56467						Use domestic	Status Active																															
Stratigraphy Information						Well Hydrofractured? Yes ☐ No ☒ From To																																
<table><tr><td>Geological Material</td><td>From</td><td>To (ft.)</td><td>Color</td><td>Hardness</td></tr><tr><td>SAND & COBBLES</td><td>0</td><td>12</td><td>TAN</td><td>MEDIUM</td></tr><tr><td>CLAY</td><td>12</td><td>23</td><td>TAN</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>23</td><td>32</td><td>TAN</td><td>SOFT</td></tr><tr><td>CLAY</td><td>32</td><td>34</td><td>GRAY</td><td>MEDIUM</td></tr><tr><td>SAND</td><td>34</td><td>40</td><td>TAN</td><td>SOFT</td></tr></table>						Geological Material	From	To (ft.)	Color	Hardness	SAND & COBBLES	0	12	TAN	MEDIUM	CLAY	12	23	TAN	MEDIUM	SAND	23	32	TAN	SOFT	CLAY	32	34	GRAY	MEDIUM	SAND	34	40	TAN	SOFT	Casing Type Single casing ☐ Joint ☐ Welded		
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						Drive Shoe? Yes ☒ No ☐ Above/Below																																
						Casing Diameter 5 in. To 36 ft. 15 lbs./ft.			Hole Diameter 5 in. To 40 ft.																													
						Open Hole From ft. To ft.																																
						Screen? ☒ Type stainless Make JOHNSON																																
						Diameter Slot/Gauze Length Set																																
						5 in. 15 4 ft. 36 ft. 40 ft.																																
						Static Water Level 11 ft. land surface Measure 07/00/2007																																
						Pumping Level (below land surface) 13 ft. 1 hrs. Pumping at 20 g.p.m.																																
						Wellhead Completion Pitless adapter manufacturer MONITOR Model 8PL51U ☐ Casing Protection ☐ 12 in. above grade ☐ At-grade (Environmental Wells and Borings ONLY)																																
						Grouting Information Well Grouted? ☐ Yes ☒ No ☐ Not Specified																																
						Nearest Known Source of Contamination <u>100</u> feet <u>Southeas</u> Direction <u>Septic tank/drain field</u> Type Well disinfected upon completion? ☒ Yes ☐ No																																
						Pump ☐ Not Installed Date Installed <u>10/00/2007</u> Manufacturer's name GRUNDFOS Model Number <u>SQ160</u> HP <u>0.5</u> Volt <u>230</u> Length of drop pipe <u>27</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 Quat. buried _____ Last Strat sand-brown Depth to Bedrock _____ ft Located by Minnesota Geological Survey Locate Method GPS SA Off (averaged) (15 meters) System UTM - NAD83, Zone 15, Meters X 356227 Y 5202459 Unique Number Verification Address verification Input Date 04/06/2015																																
						Angled Drill Hole																																
						Well Contractor Westby Well Drilling 1418 WESTBY, D. Licensee Business Lic. or Reg. No. Name of Driller																																