

**100283**

County Hennepin  
 Quad Osseo  
 Quad ID 120C

MINNESOTA DEPARTMENT OF HEALTH  
**WELL AND BORING RECORD**  
 Minnesota Statutes Chapter 1031

Entry Date 08/24/1991  
 Update  
 Received Date 04/29/2022

<b>Well Name</b>	<b>Township</b>	<b>Range</b>	<b>Dir</b>	<b>Section</b>	<b>Subsection</b>	<b>Use</b>	<b>Status</b>	<b>Well Depth</b>	<b>Depth Completed</b>	<b>Date Well Completed</b>	<b>Lic/Reg. No.</b>		
DUNDEE NURSERY	118	22	W	17	CDACBD	public supply/non-comm.	A	318 ft.	318 ft.	08/02/1976	27194		
<b>Elevation</b>	1004 ft.	<b>Elev. Method</b>	LiDAR 1m DEM (MNDNR)			<b>Aquifer</b>	Prairie Du Chien	<b>Depth to Bedrock</b>	232 ft	<b>Open Hole</b>	303 - 318 ft	<b>Static Water Level</b>	101 ft
<b>Field Located By</b>	Minnesota Geological Survey				<b>Locate Method</b>	Digitization (Screen) - Map (1:24,000) (15 meters)			<b>Universal Transverse Mercator (UTM) - NAD83 - Zone 15 -</b>				
<b>Unique No. Verified</b>	Information from owner-site				<b>Input Source</b>	Minnesota Geological Survey			<b>UTM Easting (X)</b>	461092			
<b>Geological Interpretation</b>	John Mossler				<b>Input Date</b>	01/01/1990			<b>UTM Northing (Y)</b>	498576			
<b>Agency (Interpretation)</b>									<b>Interpretation Method</b>	Geologic study 1:24k to 1:100k			

Geological Material	Color	Hardness	Depth (ft.)			Elevation (ft.)		Stratigraphy	Primary Lithology	Secondary	Minor Lithology
			From	To	Thickness	From	To				
GUMMY TOPSOIL			0	3	3	1004	1001	Recent undiff.	soil	organic deposits	
SOFT	YELLOW	SOFT	3	14	11	1001	990	Quat. deposit-yellow	drift	clay	
STONEY	BLUE		14	50	36	990	954	pebbly sand/silt/clay-	drift	clay	pebbles
CLAY	RED		50	58	8	954	946	clay-red	clay		
GRAVEL & CLAY	RED	HARD	58	82	24	946	922	pebbly sand/silt/clay-	gravel	clay	
SAND			82	94	12	922	910	sand	sand		
CLAY	YELLOW		94	98	4	910	906	clay-yellow	clay		
CLAY	GREEN	SOFT	98	101	3	906	903	clay-green	clay		
SAND			101	104	3	903	900	sand	sand		
CLAY	GRAY	SOFT	104	111	7	900	893	clay-gray	clay		
CLAY	GRAY	HARD	111	115	4	893	889	clay-gray	clay		
CLAY	GRAY	SOFT	115	183	68	889	821	clay-gray	clay		
CLAY	DARK		183	185	2	821	819	clay	clay		
GRAVEL	DARK		185	205	20	819	799	gravel (+larger)	gravel		
LEDGE		HARD	205	207	2	799	797	boulder or boulders	boulder		
GRAVEL	DARK		207	232	25	797	772	gravel (+larger)	gravel		
SHALE	PINK		232	240	8	772	764	St.Peter Sandstone	shale		
SHALE & SANDSTONE	WHITE	SOFT	240	255	15	764	749	St.Peter Sandstone	shale	sandstone	
SHALE	WHITE		255	270	15	749	734	St.Peter Sandstone	shale		
SANDROCK			270	297	27	734	707	St.Peter Sandstone	sandstone		
SHALE	GREEN		297	299	2	707	705	St.Peter Sandstone	shale		
LIMESTONE	BROWN		299	300	1	705	704	Prairie Du Chien	dolomite		
SHAKOPEE	RED		300	301	1	704	703	Prairie Du Chien	dolomite		
SHALE	GREEN		301	303	2	703	701	Prairie Du Chien	shale	dolomite	
ROCK	TAN/RED	HARD	303	318	15	701	686	Prairie Du Chien	dolomite		