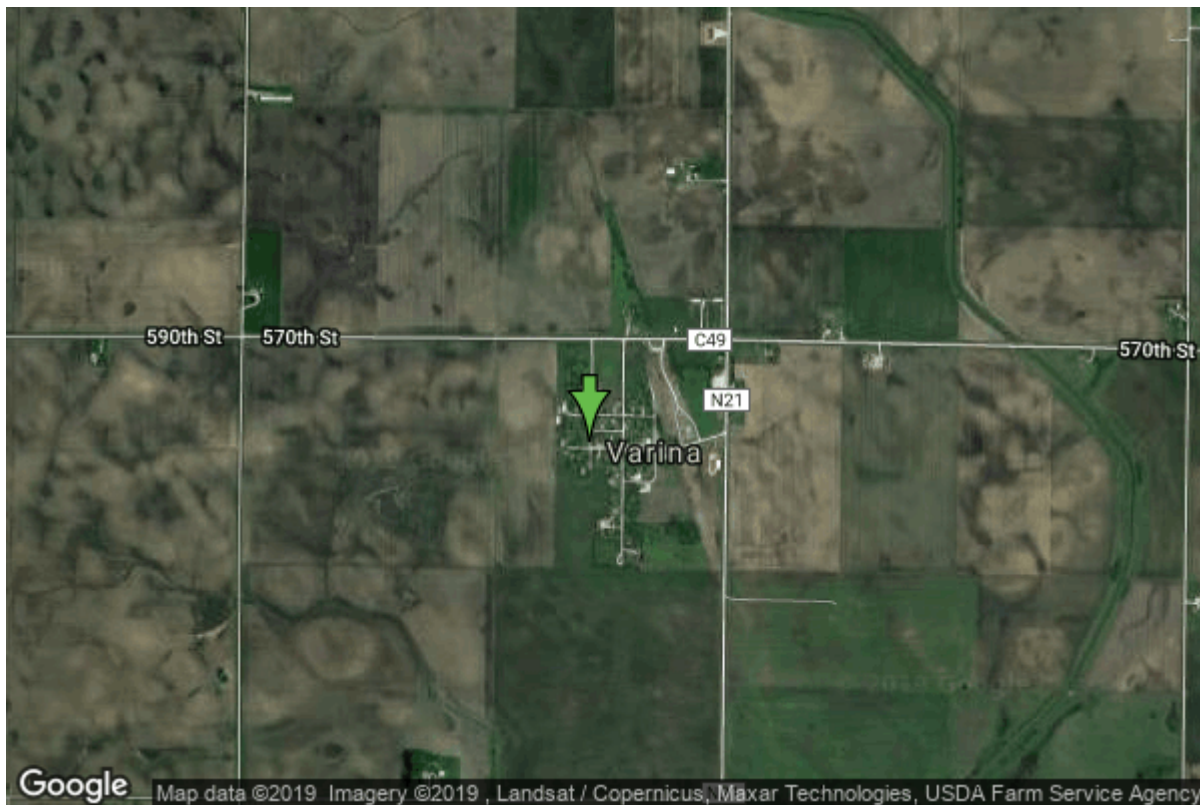


Well W#6146 Information



Date Received		State	Iowa
Owner Name	Varina, City Of	County	Pocahontas
Alt Name	#2	Quadrangle	Varina, Iowa
WNumber	6146	Township	T91N
PWTS ID	0	Range	R34W
PWS ID	7642047	Section	31
Storet ID	0	Quarter	NE NE SW
SDWIS ID	2408680	Latitude	42.6583410000
USGS ID	0	Longitude	-94.8998330000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	344290
		UTM Y	4724625

Site Type	Drilled hole	Drilling Company	Devaul, Jess & Son
Well Status	Not Used	Drilling Date	01/01/1953
Field Located	No	Drilling Method	Unknown
Elevation	1262 ft	Bedrock Depth	0 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	589 ft
Landscape Position	Unknown	Total Depth	589 ft
		Well Types	Municipal, Public Supply
		Aquifers	Ordovician

Pump Construction Information

Date	01/01/1953	Pump Type	Submersible
Diameter	0.00 in	Rating	0

Depth Intake 0.00 ft
Comments

Log Information

Date 03/10/1955
Log Types Strip log
Prepared By Unknown
Comments

Date
Log Types Drillers log
Prepared By Varina, City Of
Comments

Stratigraphy Information

System Quaternary
Series
Group
Formation
Member
Submember
Start Depth 0.00 ft End Depth 5.00 ft
Contact Accuracy
Penetration
Primary Lithology Percent
Secondary Lithology Percent
Tertiary Lithology Percent
Comments

System Quaternary
Series Pleistocene Series
Group Wisconsinan Episode
Formation Dows
Member
Submember
Start Depth 5.00 ft End Depth 15.00 ft
Contact Accuracy
Penetration
Primary Lithology Till - Oxidized And Unleached Percent 100
Secondary Lithology Unknown Percent 0
Tertiary Lithology Unknown Percent 0
Comments

System Quaternary

Series	Pleistocene Series		
Group	Wisconsinan Episode		
Formation	Dows		
Member			
Submember			
Start Depth	15.00 ft	End Depth	95.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	95.00 ft	End Depth	100.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Oxidized And Unleached	Percent	100
Secondary Lithology	Unknown	Percent	0
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	100.00 ft	End Depth	160.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			

Submember			
Start Depth	160.00 ft	End Depth	190.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Oxidized And Unleached	Percent	100
Secondary Lithology	Unknown	Percent	0
Tertiary Lithology	Unknown	Percent	0
Comments			
System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	190.00 ft	End Depth	300.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till - Unoxidized And Unleached	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	300.00 ft	End Depth	307.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sand And Gravel	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group			
Formation	St. Louis		
Member			
Submember			
Start Depth	307.00 ft	End Depth	330.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100

Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Augusta		
Formation			
Member			
Submember			
Start Depth	330.00 ft	End Depth	360.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Sub-Augusta		
Formation	Gilmore City		
Member			
Submember			
Start Depth	360.00 ft	End Depth	430.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology		Percent	
Comments			
System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Sub-Augusta		
Formation	Maynes Creek		
Member			
Submember			
Start Depth	430.00 ft	End Depth	555.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology		Percent	
Comments			
System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	North Hill		

Formation	Chapin		
Member			
Submember			
Start Depth	555.00 ft	End Depth	564.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Siltstone	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	North Hill		
Formation	Prospect Hill		
Member			
Submember			
Start Depth	564.00 ft	End Depth	568.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Siltstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Maple Mill		
Member			
Submember			
Start Depth	568.00 ft	End Depth	574.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	574.00 ft	End Depth	589.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100

Secondary Lithology
Tertiary Lithology
Comments

Percent
Percent

Water Production Information

Date	01/01/1953	Start Time	
Aquifer	Unknown	Yield	20 gallons per minute
Static Water Level	72.00 ft	Yield Method	Unknown
Pumping Water Level	92 ft	Pump Test	No
Measurement	Unknown	Duration	0 mins
Pump Method	Unknown		
Comments			

Chip Storage Information

Date	09/16/1953	Bin	
Storage	EF5-9,10	Number of Samples	119
Number of Boxes	2	Sample Gaps	0-5,505-510
Sample Intervals	5	Sample Bottom	585 ft
Sample Top	5 ft	Washed Bottom	585 ft
Washed Top	300 ft		
Duplicate Storage			
Comments			

<https://www.iuhr.uiowa.edu/igs/geosam/well/6146/general-information>