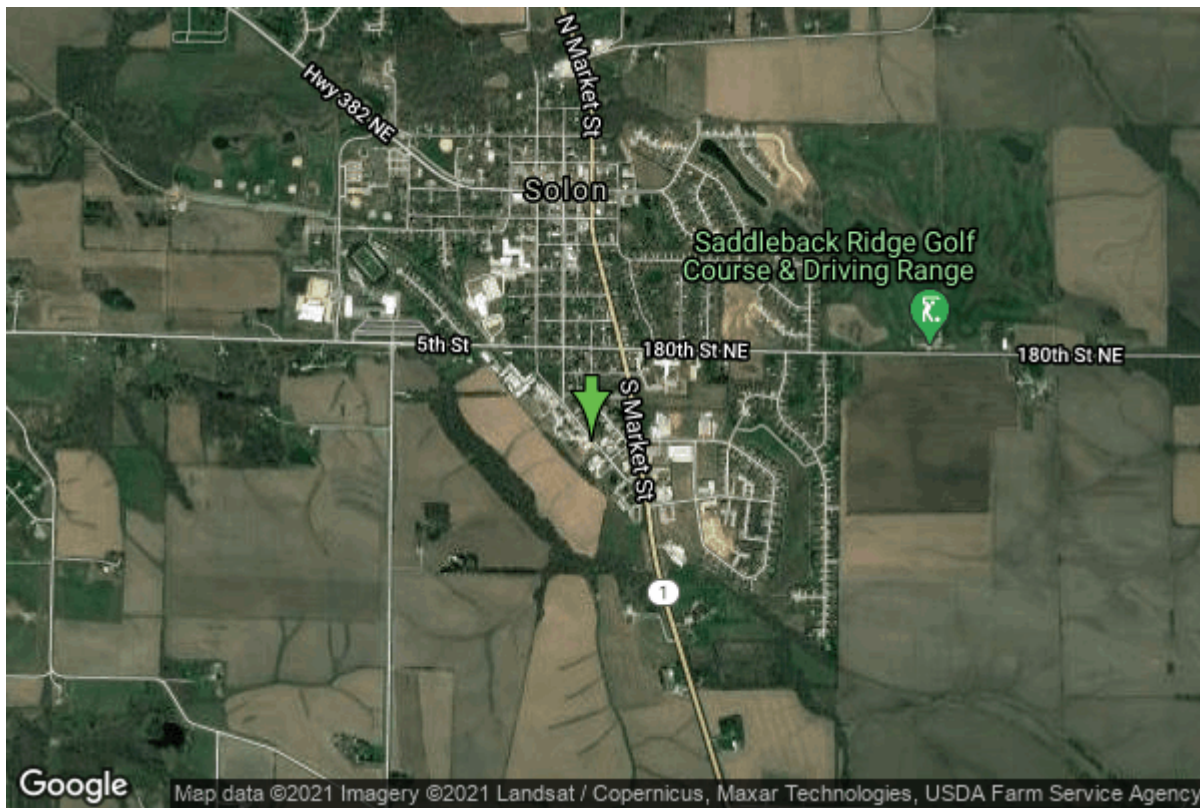


Well W#12477 Information



Date Received		State	Iowa
Owner Name	Solon, City Of	County	Johnson
Alt Name	#2	Quadrangle	Solon, Iowa
WNumber	12477	Township	T81N
PWTS ID	0	Range	R6W
PWS ID	5282062	Section	25
Storet ID	0	Quarter	NW NE SE
SDWIS ID	2413447	Latitude	41.7991310000
USGS ID	414801091294501	Longitude	-91.4922960000
Project Operator	Source Water Protection Unknown	Accuracy	
		UTM X	625258
		UTM Y	4628573

Site Type	Drilled hole	Drilling Company	Hoeg & Ames (H.M. White)
Well Status	Active	Drilling Date	10/20/1960
Field Located	No	Drilling Method	Unknown
Elevation	797 ft	Bedrock Depth	0 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	482 ft
Landscape Position	Unknown	Total Depth	482 ft
		Well Types	Municipal, Public Supply
		Aquifers	Silurian

Casing Construction Information

Date	10/20/1960	Casing Type	Steel
Start Depth	-2.00 ft	End Depth	25.00 ft
Diameter	20.00 in	Amount	27.00 ft
Comments			

Date	10/20/1960	Casing Type	Steel
Start Depth	0.00 ft	End Depth	175.00 ft
Diameter	12.00 in	Amount	175.00 ft
Comments			

Grout Construction Information

Date	10/20/1960	Grout Type	Cement	Grout Placement	Unknown
Start Depth	0.00 ft	End Depth			175.00 ft
Comments					

Log Information

Date	10/21/1960
Log Types	Strip log
Prepared By	Northup, Dick
Comments	

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

Stratigraphy Information

System	Quaternary		
Series	Pleistocene Series		
Group	Pre-Illinoian		
Formation			
Member			
Submember			
Start Depth	0.00 ft	End Depth	25.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	

Comments

System Devonian
Series
Group Cedar Valley
Formation
Member
Submember
Start Depth 25.00 ft **End Depth** 60.00 ft
Contact Accuracy
Penetration
Primary Lithology Limestone **Percent** 100
Secondary Lithology **Percent**
Tertiary Lithology **Percent**
Comments

System Devonian
Series
Group Wapsipinicon
Formation Pinicon Ridge
Member Davenport
Submember
Start Depth 60.00 ft **End Depth** 85.00 ft
Contact Accuracy
Penetration
Primary Lithology Limestone **Percent** 100
Secondary Lithology **Percent**
Tertiary Lithology **Percent**
Comments

System Devonian
Series
Group Wapsipinicon
Formation Pinicon Ridge
Member Spring Grove
Submember
Start Depth 85.00 ft **End Depth** 105.00 ft
Contact Accuracy
Penetration
Primary Lithology Dolomite **Percent** 100
Secondary Lithology **Percent**
Tertiary Lithology **Percent**
Comments

System Devonian
Series
Group Wapsipinicon
Formation Pinicon Ridge
Member Kenwood

Submember			
Start Depth	105.00 ft	End Depth	130.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	98
Secondary Lithology	Chert/Chalcedony	Percent	1
Tertiary Lithology	Silt	Percent	1
Comments			
<hr/>			
System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Otis		
Member			
Submember			
Start Depth	130.00 ft	End Depth	145.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
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System	Silurian		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	145.00 ft	End Depth	480.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	98
Secondary Lithology	Chert/Chalcedony	Percent	2
Tertiary Lithology		Percent	
Comments			
<hr/>			
System	Ordovician		
Series			
Group			
Formation	Maquoketa		
Member			
Submember			
Start Depth	480.00 ft	End Depth	482.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	99
Secondary Lithology	Dolomite	Percent	1
Tertiary Lithology		Percent	

Comments

Water Production Information

Date	10/20/1960	Start Time	
Aquifer	Unknown		
Static Water Level	63.00 ft	Yield	392 gallons per minute
Pumping Water Level	229 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	No
Pump Method	Unknown	Duration	0 mins
Comments	Formal pump test on file		

Chip Storage Information

Date	10/19/1960		
Storage	TL3-51,52	Bin	
Number of Boxes	2	Number of Samples	94
Sample Intervals	5	Sample Gaps	80-95
Sample Top	0 ft	Sample Bottom	482 ft
Washed Top	25 ft	Washed Bottom	482 ft
Duplicate Storage			
Comments			

<https://www.ihr.uiowa.edu/igs/geosam/well/12477/general-information>