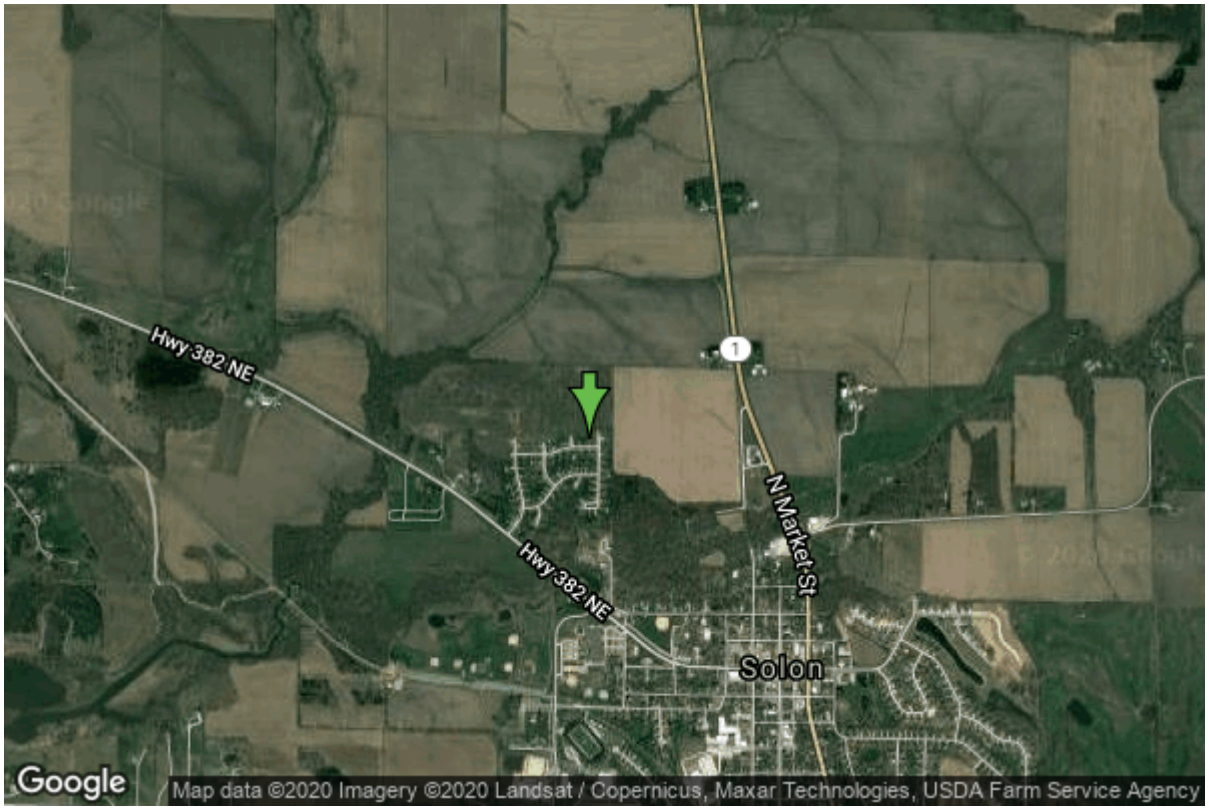
Well W#48274 Information



Date Received		**State**	Iowa
Owner Name	Solon, City Of	**County**	Johnson
Alt Name	#3	**Quadrangle**	Ely, Iowa
WNumber	48274	**Township**	T81N
PWTS ID	0	**Range**	R6W
PWS ID	5282062	**Section**	23
Storet ID	0	**Quarter**	NE NE SE
SDWIS ID	2576614	**Latitude**	41.8144910000
USGS ID	414852091300601	**Longitude**	-91.5016650000
Project	Source Water Protection	**Accuracy**	
Operator	Unknown	**UTM X**	624450
		UTM Y	4630265

Site Type	Drilled hole	**Drilling Company**	Unknown
Well Status	Active	**Drilling Date**	
Field Located	No	**Drilling Method**	Unknown
Elevation	774 ft	**Bedrock Depth**	0 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	**Well Depth**	350 ft
		Total Depth	350 ft
Landscape Position	Level Surface	**Well Types**	Municipal, Public Supply
		Aquifers	Silurian

Hole Construction Information

Date	12/17/1998		
Diameter	13.00 in	**Depth**	200.00 ft

Comments

Date	12/17/1998		
Diameter	8.00 in	**Depth**	350.00 ft
Comments			

Casing Construction Information

Date	12/17/1998	**Casing Type**	Steel
Start Depth	-2.00 ft	**End Depth**	200.00 ft
Diameter	8.00 in	**Amount**	202.00 ft
Comments			

Grout Construction Information

Date	12/17/1998		
Grout Type	Cement	**Grout Placement**	Unknown
Start Depth	80.00 ft	**End Depth**	200.00 ft
Comments			

Date	12/17/1998		
Grout Type	Bentonite (Clay)	**Grout Placement**	Unknown
Start Depth	0.00 ft	**End Depth**	80.00 ft
Comments			

Log Information

Date	
Log Types	Unknown
Prepared By	Unknown
Comments	

Date	
Log Types	Strip log
Prepared By	Unknown
Comments	

Stratigraphy Information

System	Quaternary
Series	
Group	
Formation	
Member	
Submember	

Start Depth	0.00 ft	**End Depth**	30.00 ft
Contact Accuracy			
Penetration			
Primary Lithology		**Percent**	
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Devonian		
Series			
Group	Cedar Valley		
Formation	Little Cedar		
Member	Solon		
Submember			
Start Depth	30.00 ft	**End Depth**	63.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	**Percent**	0
Secondary Lithology	Dolomite	**Percent**	0
Tertiary Lithology		**Percent**	
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Davenport		
Submember			
Start Depth	63.00 ft	**End Depth**	75.00 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	75.00 ft	**End Depth**	102.00 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	102.00 ft	**End Depth**	122.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Otis		
Member			
Submember			
Start Depth	122.00 ft	**End Depth**	145.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Silurian		
Series			
Group			
Formation	Gower		
Member			
Submember			
Start Depth	145.00 ft	**End Depth**	188.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

System	Silurian		
Series			
Group			
Formation	Scotch Grove		
Member			
Submember			

Start Depth	188.00 ft	**End Depth**	350.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	**Percent**	100
Secondary Lithology		**Percent**	
Tertiary Lithology		**Percent**	
Comments			

Water Production Information

Date	12/17/1998	**Start Time**	08:15
Aquifer	Unknown		
Static Water Level	55.00 ft	**Yield**	280 gallons per minute
Pumping Water Level	292 ft	**Yield Method**	Unknown
Measurement	Unknown	**Pump Test**	Yes
Pump Method	Unknown	**Duration**	1145 mins
Comments	Formal pump test on file		

Chip Storage Information

Date	01/19/1999		
Storage	OD3-754	**Bin**	
Number of Boxes	1	**Number of Samples**	52
Sample Intervals	5	**Sample Gaps**	numerous
Sample Top	35 ft	**Sample Bottom**	325 ft
Washed Top	35 ft	**Washed Bottom**	325 ft
Duplicate Storage			
Comments			

https://www.iihr.uiowa.edu/igs/geosam/well/48274/general-information