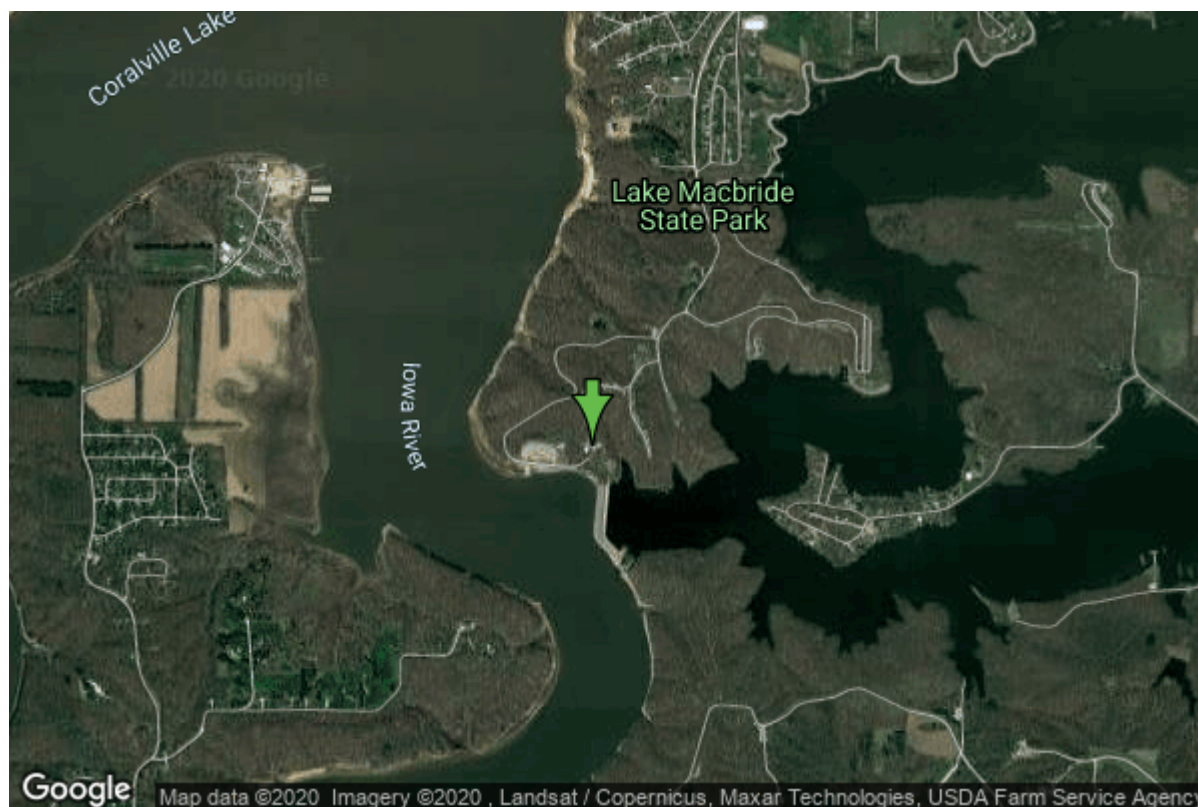


Well W#14972 Information



Date Received		State	Iowa
Owner Name	Lake Macbride State Park	County	Johnson
Alt Name	North #1	Quadrangle	Ely, Iowa
WNumber	14972	Township	T81N
PWTS ID	0	Range	R6W
PWS ID	5200912	Section	29
Storet ID	0	Quarter	SW NW NE
SDWIS ID	2409287	Latitude	41.7960460000
USGS ID	0	Longitude	-91.5751030000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	618384
		UTM Y	4628113

Site Type	Drilled hole	Drilling Company	White, Howard & Son
Well Status	Active	Drilling Date	08/06/1963
Field Located	No	Drilling Method	Unknown
Elevation	747 ft	Bedrock Depth	15 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	390 ft
Landscape Position	Hillside	Total Depth	390 ft
		Well Types	Public Supply
		Aquifers	Silurian

Casing Construction Information

Date	08/06/1963	Casing Type	Steel
Start Depth	0.20 ft	End Depth	180.80 ft

Diameter	8.00 in	Amount	180.60 ft
Comments			

Log Information

Date	08/26/1963
Log Types	Strip log
Prepared By	Unknown
Comments	

Date	
Log Types	Drillers log
Prepared By	Lake Macbride State Park
Comments	

Stratigraphy Information

System	Quaternary		
Series	Pleistocene Series		
Group	Wisconsinan Episode		
Formation	Peoria		
Member			
Submember			
Start Depth	0.00 ft	End Depth	5.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Loess	Percent	100
Secondary Lithology	Unknown	Percent	0
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Quaternary		
Series	Pleistocene Series		
Group			
Formation			
Member			
Submember			
Start Depth	5.00 ft	End Depth	15.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Till	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian
Series	

Group	Cedar Valley		
Formation	Little Cedar		
Member	Solon		
Submember			
Start Depth	15.00 ft	End Depth	50.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	100
Secondary Lithology	Unknown	Percent	0
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Davenport		
Submember			
Start Depth	50.00 ft	End Depth	60.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	100
Secondary Lithology	Unknown	Percent	0
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Spring Grove		
Submember			
Start Depth	60.00 ft	End Depth	90.00 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	90.00 ft	End Depth	120.00 ft
Contact Accuracy			
Penetration			

Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Otis		
Member			
Submember			
Start Depth	120.00 ft	End Depth	126.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	100
Secondary Lithology	Unknown	Percent	0
Tertiary Lithology	Unknown	Percent	0
Comments			

System	Silurian		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	126.00 ft	End Depth	320.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Silurian		
Series			
Group			
Formation	Blanding		
Member			
Submember			
Start Depth	320.00 ft	End Depth	390.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	08/06/1963	Start Time	
Aquifer	Unknown		
Static Water Level	52.00 ft	Yield	135 gallons per minute
Pumping Water Level	73 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	No
Pump Method	Unknown	Duration	0 mins
Comments			

Chip Storage Information

Date	08/12/1963		
Storage	TL5-16	Bin	
Number of Boxes	1	Number of Samples	71
Sample Intervals	0	Sample Gaps	
Sample Top	0 ft	Sample Bottom	390 ft
Washed Top	10 ft	Washed Bottom	390 ft
Duplicate Storage			
Comments			

<https://www.iuhr.uiowa.edu/igs/geosam/well/14972/general-information>