

Well W#31378 Information



Date Received	06/14/1990	State	Iowa
Owner Name	Interstate Power Company	County	Allamakee
Alt Name	WELL #3	Quadrangle	Lansing, Iowa-Wis.
WNumber	31378	Township	T98N
PWTS ID	0	Range	R3W
PWS ID	345181	Section	2
Storet ID	0	Quarter	
SDWIS ID	2410830	Latitude	43.3374640000
USGS ID	0	Longitude	-91.1659890000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	648668
		UTM Y	4799924

Site Type	Drilled hole	Drilling Company	Layne Western - Ia.
Well Status	Not Used	Drilling Date	04/05/1991
Field Located	No	Drilling Method	Rotary
Elevation	621 ft	Bedrock Depth	115 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	703 ft
Landscape Position	Valley	Total Depth	700 ft
		Well Types	Commercial, Public Supply
		Aquifers	Cambrian-Ordovician

Casing Construction Information

Date	04/05/1991	Casing Type	Steel
Start Depth	-1.50 ft	End Depth	51.00 ft
Diameter	12.00 in	Amount	52.50 ft
Comments			

Date	04/05/1991	Casing Type	Steel
Start Depth	-2.00 ft	End Depth	126.00 ft
Diameter	8.00 in	Amount	128.00 ft
Comments			

Date	04/05/1991	Casing Type	Steel
Start Depth	-2.00 ft	End Depth	210.00 ft
Diameter	6.00 in	Amount	212.00 ft
Comments			

Grout Construction Information

Date	04/05/1991	Grout Type	Cement	Grout Placement	Unknown
Start Depth	0.00 ft	End Depth			126.00 ft
Comments					

Date	04/05/1991	Grout Type	Cement	Grout Placement	Unknown
Start Depth	0.00 ft	End Depth			210.00 ft
Comments					

Log Information

Date	08/01/1991
Log Types	Strip log
Prepared By	Unknown
Comments	

Date	
Log Types	Drillers log
Prepared By	Interstate Power Company
Comments	

Stratigraphy Information

System	Quaternary
Series	Pleistocene Series

Group	Wisconsinan Episode		
Formation			
Member			
Submember			
Start Depth	0.00 ft	End Depth	115.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sand And Gravel	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Cambrian		
Series			
Group	Tunnel City		
Formation	Wonewoc		
Member			
Submember			
Start Depth	115.00 ft	End Depth	190.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Cambrian		
Series			
Group	Tunnel City		
Formation	Eau Claire		
Member			
Submember			
Start Depth	190.00 ft	End Depth	340.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Cambrian		
Series			
Group	Tunnel City		
Formation	Mt. Simon		
Member			
Submember			
Start Depth	340.00 ft	End Depth	703.00 ft
Contact Accuracy			
Penetration			

Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

Water Production Information

Date	04/05/1991	Start Time	
Aquifer	Unknown		
Static Water Level	16.00 ft	Yield	200 gallons per minute
Pumping Water Level	60 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	No
Pump Method	Unknown	Duration	0 mins
Comments			

Chip Storage Information

Date	06/11/1991		
Storage	OD2-563,701,712	Bin	
Number of Boxes	3	Number of Samples	139
Sample Intervals	5	Sample Gaps	495-500,700-703
Sample Top	0 ft	Sample Bottom	700 ft
Washed Top	45 ft	Washed Bottom	700 ft
Duplicate Storage			
Comments			

<https://www.iihr.uiowa.edu/igs/geosam/well/31378/general-information>