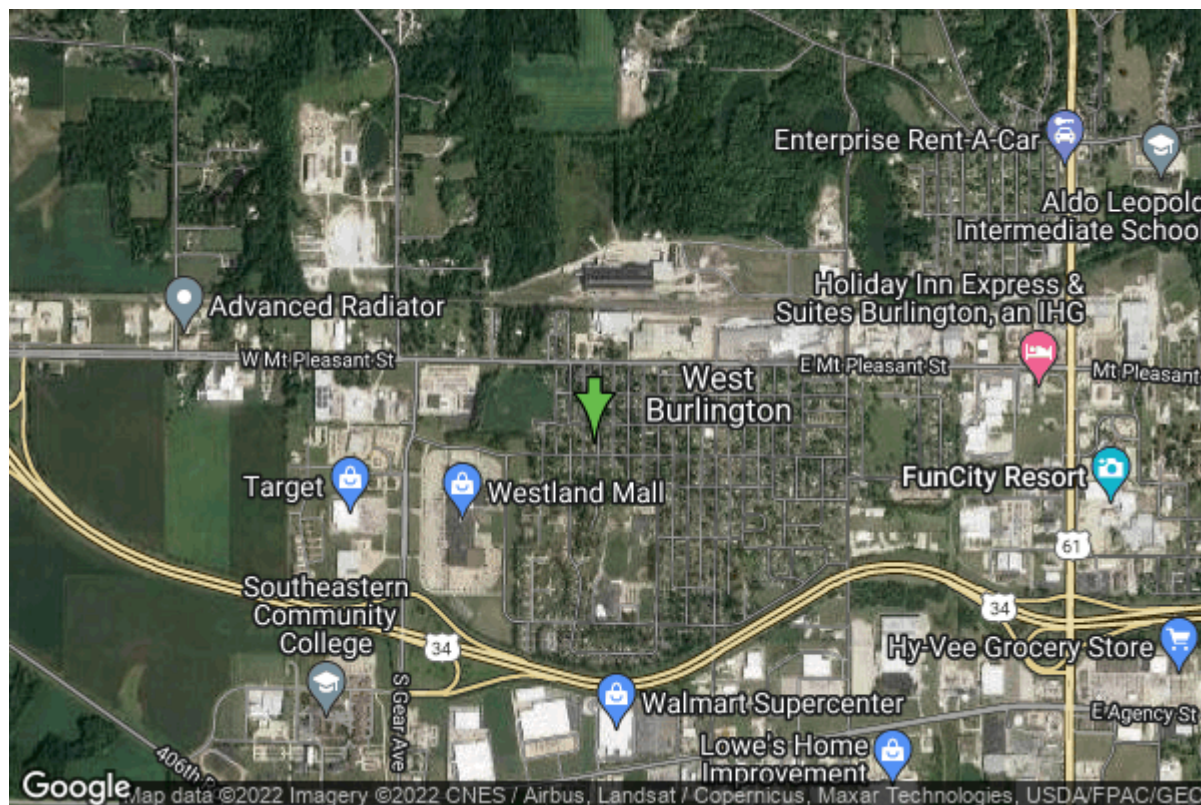


Well W#576 Information



Date Received		State	Iowa
Owner Name	West Burlington, City Of	County	Des Moines
Alt Name		Quadrangle	West Burlington, Iowa
WNumber	576	Township	T70N
PWTS ID	0	Range	R3W
PWS ID	2985002	Section	35
Storet ID	0	Quarter	NE NE SE
SDWIS ID	0	Latitude	40.8233960000
USGS ID	0	Longitude	-91.1611900000
Project	Source Water Protection	Accuracy	
Operator	Unknown	UTM X	655063
		UTM Y	4520780
<hr/>			
Site Type	Drilled hole	Drilling Company	Unknown
Well Status	Not Used	Drilling Date	01/01/1938
Field Located	No	Drilling Method	Unknown
Elevation	702 ft	Bedrock Depth	35 ft
Elevation Accuracy	Digital Elevation Model Accurate to 5 ft	Well Depth	1101 ft
		Total Depth	1101 ft
Landscape Position	Unknown	Well Types	Municipal
		Aquifers	Cambrian-Ordovician, Ordovician (abv St. Peter)

Casing Construction Information

Date	01/01/1938	Casing Type	Steel
Start Depth	0.00 ft	End Depth	60.00 ft
Diameter	8.00 in	Amount	0.00 ft
Comments			

Date	01/01/1938	Casing Type	Steel
Start Depth	200.00 ft	End Depth	730.00 ft
Diameter	5.00 in	Amount	530.00 ft
Comments			

Grout Construction Information

Date	01/01/1938	Grout Type	Cement	Grout Placement	Unknown
Start Depth	0.00 ft	End Depth			60.00 ft
Comments					

Pump Construction Information

Date	01/01/1938	Pump Type	Turbine
Diameter	0.00 in	Rating	0
Depth Intake	235.00 ft		
Comments			

Log Information

Date	01/01/1939
Log Types	Strip log
Prepared By	Conselman, Milton
Comments	

Date	01/01/1938
Log Types	Drillers log
Prepared By	Jennings, Charles
Comments	

Stratigraphy Information

System	Unknown
Series	
Group	
Formation	

Member			
Submember			
Start Depth	0.00 ft	End Depth	35.00 ft
Contact Accuracy			
Penetration			
Primary Lithology		Percent	
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Augusta		
Formation	Keokuk		
Member			
Submember			
Start Depth	35.00 ft	End Depth	70.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Limestone	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Augusta		
Formation	Burlington		
Member			
Submember			
Start Depth	70.00 ft	End Depth	135.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Limestone	Percent	0
Comments			

System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	Sub-Augusta		
Formation	Maynes Creek		
Member	Wassonville		
Submember			
Start Depth	135.00 ft	End Depth	145.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Dolomite	Percent	0

Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			
System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	North Hill		
Formation	Starrs Cave		
Member			
Submember			
Start Depth	145.00 ft	End Depth	148.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	North Hill		
Formation	Prospect Hill		
Member			
Submember			
Start Depth	148.00 ft	End Depth	153.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Siltstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			
System	Mississippian (Subsystem Of Carboniferous System)		
Series			
Group	North Hill		
Formation	Mccraney		
Member			
Submember			
Start Depth	153.00 ft	End Depth	170.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Limestone	Percent	0
Tertiary Lithology		Percent	
Comments			
System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Maple Mill		

Member	English River		
Submember			
Start Depth	170.00 ft	End Depth	197.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Maple Mill		
Member			
Submember			
Start Depth	197.00 ft	End Depth	320.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Sheffield		
Member			
Submember			
Start Depth	320.00 ft	End Depth	465.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Yellow Spring (New Albany)		
Formation	Lime Creek		
Member			
Submember			
Start Depth	465.00 ft	End Depth	472.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	

Tertiary Lithology		Percent	
Comments			
System	Devonian		
Series			
Group	Cedar Valley		
Formation	Little Cedar		
Member	Rapid		
Submember			
Start Depth	472.00 ft	End Depth	505.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Ls/Dol Mixed	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Devonian		
Series			
Group	Cedar Valley		
Formation	Little Cedar		
Member	Solon		
Submember			
Start Depth	505.00 ft	End Depth	595.00 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	595.00 ft	End Depth	635.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology	Chert/Chalcedony	Percent	0
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		

Member	Spring Grove		
Submember			
Start Depth	635.00 ft	End Depth	640.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Gypsum/Anhydrite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Devonian		
Series			
Group	Wapsipinicon		
Formation	Pinicon Ridge		
Member	Kenwood		
Submember			
Start Depth	640.00 ft	End Depth	673.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Sandstone	Percent	0
Tertiary Lithology	Shale	Percent	0
Comments			

System	Ordovician		
Series			
Group			
Formation	Maquoketa		
Member	Elgin Limestone		
Submember			
Start Depth	673.00 ft	End Depth	696.00 ft
Contact Accuracy Penetration			
Primary Lithology	Shale	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Unknown		
Series			
Group			
Formation			
Member			
Submember			
Start Depth	696.00 ft	End Depth	786.00 ft
Contact Accuracy Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0

Tertiary Lithology		Percent	
Comments			
System	Ordovician		
Series			
Group	Galena		
Formation	Dunleith		
Member			
Submember			
Start Depth	786.00 ft	End Depth	904.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology		Percent	
Comments			
System	Ordovician		
Series			
Group	Galena		
Formation	Decorah		
Member	Guttenberg		
Submember			
Start Depth	904.00 ft	End Depth	920.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Shale	Percent	0
Comments			
System	Ordovician		
Series			
Group	Galena		
Formation	Decorah		
Member	Spechts Ferry		
Submember			
Start Depth	920.00 ft	End Depth	925.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Shale	Percent	0
Tertiary Lithology		Percent	
Comments			
System	Ordovician		
Series			
Group	Galena		
Formation	Platteville		

Member	Mcgregor		
Submember			
Start Depth	925.00 ft	End Depth	952.00 ft
Contact Accuracy Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Galena		
Formation	Platteville		
Member	Pecatonica		
Submember			
Start Depth	952.00 ft	End Depth	961.00 ft
Contact Accuracy Penetration			
Primary Lithology	Limestone	Percent	0
Secondary Lithology	Dolomite	Percent	0
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	Glenwood		
Member	Starved Rock Sandstone		
Submember			
Start Depth	961.00 ft	End Depth	1030.00 ft
Contact Accuracy Penetration			
Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Ancell		
Formation	Glenwood		
Member	Harmony Hill		
Submember			
Start Depth	1030.00 ft	End Depth	1043.00 ft
Contact Accuracy Penetration			
Primary Lithology	Shale	Percent	0
Secondary Lithology	Sandstone	Percent	0

Tertiary Lithology		Percent	
Comments			
System	Ordovician		
Series			
Group	Ancell		
Formation	St. Peter Sandstone		
Member			
Submember			
Start Depth	1043.00 ft	End Depth	1091.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Sandstone	Percent	100
Secondary Lithology		Percent	
Tertiary Lithology		Percent	
Comments			

System	Ordovician		
Series			
Group	Prairie Du Chien		
Formation	Shakopee		
Member	Willow River		
Submember			
Start Depth	1091.00 ft	End Depth	1101.00 ft
Contact Accuracy			
Penetration			
Primary Lithology	Dolomite	Percent	0
Secondary Lithology	Chert/Chalcedony	Percent	0
Tertiary Lithology	Shale	Percent	0
Comments			

Water Production Information

Date	01/01/1938	Start Time	
Aquifer	Unknown		
Static Water Level	125.00 ft	Yield	100 gallons per minute
Pumping Water Level	205 ft	Yield Method	Unknown
Measurement	Unknown	Pump Test	No
Pump Method	Unknown	Duration	0 mins
Comments			

Chip Storage Information

Date		Bin	
Storage	WD6-3,4	Number of Samples	193
Number of Boxes	1	Sample Gaps	0-3560-65,70-80,610-625
Sample Intervals	0		

Sample Top	35 ft	Sample Bottom	,763-770,925-930
Washed Top	0 ft	Washed Bottom	1101 ft
Duplicate Storage			0 ft
Comments			

<https://www.ihr.uiowa.edu/igs/geosam/well/576/general-information>