

Site Name: Greely 35th Ave
 Site Location: W111 Oak, Colorado
 Boring Number: MW-7-R 35th Ave
 Latitude: 40.44263
 Date Started: 02/01/2023
 Rig Type: CMC 750
 Drilling Method: Bugger
 Surface Elevation (Feet): 3
 Overburden Thickness (Feet): 3
 Depth to Bedrock (Feet): 49

Logged By: David B. B. B.
 Longitude: -109.73582
 Date Completed: 02/01/2023
 Drilling Contractor: Authentic Drilling
 Borehole Diameter: 8 inch
 Casing Top Elevation (Feet): 12
 Depth to Water (Feet): 12
 Boring Total Depth (Feet): 50

Depth (Feet)	Sample Interval	Time, Material Description, and Comments (Include grain size ¹ , rounding ² , and grading ³)	Top of Groundwater	Well Completion Diagram
10.4/3		Overburden, sandy silt with gravel, v-f-f, r, p-m, m. b.n.		
10.53/5		Cobbly gravel with silt and sand, v-f-v, r, M, W, cobbles to 3 inches, moderate brown, dry to wet, loose		
10		As above with cobbles to 4 inch, wet		
11.07/20				
11.12		Silty sand, mod. b.n., v-f-v, r, W, wet, loose		
11.17				
11.22		Gravelly based on rough drilling no returns.		
11.34/40				
11.39				
49				
50		Bedrock, Silty claystone, medium grey, shift to hard		

- (1) Grain Size: B=Boulder, P=Cobble, G=Gravel, S=sand, V=very, F=Fine, M=Medium, C=Coarse
 (2) Rounding: R=rounded, r=subrounded, a=subangular, A=angular
 (3) Grading: P=poorly graded, M=moderately graded, W=well graded, X=see description

Completion Details					
	Top	Bottom	Material	Quantity	Units
Surface Completion	0	1	Portland Cement Concrete	21 x 60 #	Sacks
Grout misc			1 Shchip + 1 Bag Sand		
Seal	1	3	Medium Bentonite Chip	4	Sacks
Casing	0+3	4	Sch 40 2" PVC	10	Ft
Screen/Slot Size	4	49	Sch 40 2" PVC 0.010	45	Ft
Filter Pack	43	50	10/20 Silica Sand	7	Sacks

Site Name: Greeley 35th Avenue
 Site Location: Weld County, Colorado
 Boring Number: MW-8-R 35th Ave
 Latitude: 40.74506
 Date Started: 2/13/2023
 Rig Type: CMZ-75 Truck Mount
 Drilling Method: Hollow Stem Auger
 Surface Elevation (Feet): _____
 Overburden Thickness (Feet): 0.5 (6 inch)
 Depth to Bedrock (Feet): 50

Logged By: David Bieber
 Longitude: -104.74060
 Date Completed: _____
 Drilling Contractor: Authentic Drilling
 Borehole Diameter: 8"
 Casing Top Elevation (Feet): _____
 Depth to Water (Feet): 20
 Boring Total Depth (Feet): 52 1/2

Depth (Feet)	Sample Interval	Time, Material Description, and Comments (Include grain size ¹ , rounding ² , and grading ³)	Top of Groundwater	Well Completion Diagram
09:55 0		overburden, sandy silt with gravel, mod. brown, dense, r, dry		
09:58 5		Gravelly Cobble with sand, mod. brown, dense, r-R, m, Dry, cobble to 4 inch		
10:03 10		Sand, mod reddish-brown, loose, r-R, m, moist		
10:10 15		Sandy Cobble, mod reddish brown, loose, R, m, moist, cobble to 3 inch		
10:15 20		As Above, cobble to 4 inch		
10:20 25		As Above		
10:25 30		As Above		

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(2) Rounding: R=rounded, r=subrounded, a=subangular, A=angular

(3) Grading: P=poorly graded, M=moderately graded, W=well graded, X=see description

Completion Details			Quantity	Units
	Top	Bottom		
Surface Completion				
Grout	+0.3	1 1/2		
Seal	1 1/2	4		
Casing	+2 1/2	5	10	Feet
Screen/Slot Size	5	50	45	Feet
Filter Pack	4	52 1/2		

Site Name: Greeley 35th Avenue
 Site Location: Weld County, Colorado
 Boring Number: MW-8-R-35th Ave
 Latitude: 40.4450
 Date Started: 2/13/2023
 Rig Type: CM575 Truck
 Drilling Method: Hollow Stem Auger
 Surface Elevation (Feet): _____
 Overburden Thickness (Feet): (6 inch) 0.5
 Depth to Bedrock (Feet): 50

Logged By: David Biehn
 Longitude: -104.74060
 Date Completed: _____
 Drilling Contractor: Authentic Drilling
 Borehole Diameter: 8 inch
 Casing Top Elevation (Feet): _____
 Depth to Water (Feet): 20
 Boring Total Depth (Feet): 52 1/2

Depth (Feet)	Sample Interval	Time, Material Description, and Comments (Include grain size ¹ , rounding ² , and grading ³)	Top of Groundwater	Well Completion Diagram
10:25 30		Sandy Cobble, moderate reddish brown, loose, R, PG, wet, cobble to 3 inch		
10:28 35		NO Returns		
10:35 40		NO Returns		
12:02 45		NO Returns		
12:06 50		Bedrock, Claystone, Dark Gray, Hard		
12:14 52 1/2				
55				

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Completion Details					
	Top	Bottom	Material	Quantity	Units
Surface Completion					
Grout	3	1 1/2	Type II Portland Cement		
Seal	2 1/2	4	Medium Bentonite Chips		
Casing	+ 2 1/2	5	2" Sch 40 PVC	10	Feet (Last off 2 1/2')
Screen/Slot Size	5	50	2" Sch 40 PVC 1010	45	Feet
Filter Pack	4	52 1/2	Silica Sand		