Triassic Sandst Permian Ances	ern ation sion	Stratigraphic UnitAlluvium and outwash depositsGlacial depositsOlder stream and outwash terrace depositsSanta Fe/Dry Union FormationIntrusive igneous rocksDevils Hole FormationFarista ConglomerateHuerfano FormationCuchara FormationPoison Canyon Formation	Hydrogeologic UnitAlluvial AquiferGlacial depositsLocal perched aquiferValley fill aquiferVolcanics- intrusivesValley fill aquifer		
Quaternary Glacia Meogene Exten Paleogene Laran Cretaceous Inter Seav Jurassic Sandst Permian Ances	ition sion	Glacial deposits Older stream and outwash terrace deposits Santa Fe/Dry Union Formation Intrusive igneous rocks Devils Hole Formation Farista Conglomerate Huerfano Formation Cuchara Formation Poison Canyon Formation	Glacial deposits Local perched aquifer Valley fill aquifer Volcanics- intrusives		
Glacia Anoresia Paleogene Paleogene Laran Cretaceous Jurassic Triassic Permian Anoresia	sion	Older stream and outwash terrace deposits Santa Fe/Dry Union Formation Intrusive igneous rocks Devils Hole Formation Farista Conglomerate Huerfano Formation Cuchara Formation Poison Canyon Formation	Local perched aquifer Valley fill aquifer Volcanics- intrusives		
Neogene Exten Paleogene Inter Cretaceous Inter Jurassic Meso Triassic Meso Permian Ances Manage Ances Manage Ances Manage Ances	sion	deposits Santa Fe/Dry Union Formation Intrusive igneous rocks Devils Hole Formation Farista Conglomerate Huerfano Formation Cuchara Formation Poison Canyon Formation	aquifer Valley fill aquifer Volcanics- intrusives		
Neogene Transi Paleogene Laran Cretaceous Inter Jurassic Meso Triassic Meso Permian Ances	ition	Intrusive igneous rocks Devils Hole Formation Farista Conglomerate Huerfano Formation Cuchara Formation Poison Canyon Formation	Volcanics- intrusives		
Paleogene Laram Cretaceous Inter Seav Jurassic Meso Triassic Meso Sandst Permian Ances		Devils Hole Formation Farista Conglomerate Huerfano Formation Cuchara Formation Poison Canyon Formation	intrusives		
Paleogene Laran Cretaceous Inter Seav Jurassic Meso Triassic Ances		Farista Conglomerate Huerfano Formation Cuchara Formation Poison Canyon Formation	Valley fill aquifer		
Laram Laram Cretaceous Jurassic Triassic Permian Ances	nide	Huerfano Formation Cuchara Formation Poison Canyon Formation	Valley fill aquifer		
Laram Cretaceous Jurassic Triassic Permian Ances	nide	Cuchara Formation Poison Canyon Formation	Valley fill aquifer		
Laram Cretaceous Jurassic Triassic Permian Ances	nide	Poison Canyon Formation			
Jurassic Meso Sandst Permian Ances					
Jurassic Meso Sandst Permian Ances					
Triassic Sandst Permian Ances		Older Laramide aged deposits and upper Cretaceous Seaway deposits of the Raton Basin may be present at depth below the valley fill deposits but are not recognized as aquifers in the Wet Mountain Valley	Raton Basin hydrogeologic units		
Triassic Sandst Permian Ances		Regional Cretaceous Seaway shale- dominated formations form multiple hydrogeologic units, most are confining units			
Triassic Sandst Permian Ances	Mesozoic	-	Colorado Piedomont Regional and Eagle Basin-Central Colorado Trough hydrogeologic units		
Ances		Multiple sedimentary units deposited			
		Ancestral Rocky Mountains event			
Donnouluanian	Ancestral Rocky Iountains	marine and non-marine sedimentary formations form multiple hydrogeologic units in the Eagle Basin- Central Colorado Trough and may be present, depending on location			
Mississippian		Lower Paleozoic sedimentary			
Devonian	Paleozoic Carbonates	formations that are dominantly limestone and dolomite form multiple aquifers preserved in the			
Silurian					
Ordovician	nates	Easte Dasin Control Colonado Tusuale			
Cambrian	nates	Eagle Basin-Central Colorado Trough may be present depending on			
Precambrian Precamb	nates				

	-			Wet Mountain Valley-Huerfano Park		-
Geologic Period	Phase	Stratigraphic Unit	Unit Thickness (ft)	Physical Characteristics	Hydrogeologic Unit	Hydrologic Ch
	Modern	Alluvium and outwash deposits		Well to poorly-sorted, uncemented sands, silts and gravels along modern streams and as valley-fill	Alluvial Aquifer	
Quaternary	Glacial deposits		Unstratified sand, gravel, and silt within, and at the mouths of, mountain valleys of the Sangre de Cristo Range	Glacial deposits		
	Older stream and outwash terrace deposits		Well to poorly-sorted, uncemented sands, silts and gravels on bedrock- cored terraces above modern streams	Local perched aquifer		
Extension	Santa Fe/Dry Union Formation		Poorly stratified sandy silt with conglomerate lenses	Valley fill aquifer		
Neogene	Transition	Intrusive igneous rocks		Igneous stocks and dikes	Volcanics- intrusives	Yield water to
		Devils Hole Formation	25-1,300	Conglomerate and conglomeratic tuff	Valley fill aquifer	Yields water to
	aleogene	Farista Conglomerate	0-1,200	Conglomerate and sandstone		Yields water to
Paleogene		Huerfano Formation	0-2,000	Variegated mudstone with red, white and tan sandstone; tan sandstone is conglomeraatic and occurs near the base		Yields small qu
alcoberie		Cuchara Formation	0-1,400	Pink, white and yellow-gray sandstone, conglomerate and mudstone		Yields small qu
	Poison Canyon Formation	0-2,000	Massive buff to red crossbedded arkosic sandstone and conglomerate with this beds of yellow shale and siltstone		Yields small qu	
C	Interior	Older Laramide aged deposits and up valley fill deposits but are not recogn	Raton Basin hydrogeologic units			
Cretaceous	Seaway	Regional Cretaceous Seaway shale-dominated formations form multiple hydrogeologic units, most are confining units				
Jurassic	Mesozoic			Colorado Piedomont		
Triassic	Sandstones	Multiple sedimentary units deposited in the stable continent interior may be present that may form aquifers				
Permian	Ancestral	Ancestral Rocky Mountains event marine and non-marine sedimentary formations form multiple hydrogeologic units in the Eagle Basin-Central Colorado Trough and may be present, depending on location				
Pennsylvanian	Rocky Mountains					Units are expo
Mississippian					Central Colorado Trough	
Devonian	Palaazaia	hydrogeologic units				
Silurian	Paleozoic Carbonates	Lower Paleozoic sedimentary format Eagle Basin-Central Colorado Trough				
Ordovician						
Cambrian						
Precambrian	Precambrian	Crystalline rocks of igneous and meta	Crystalline bedrock			
		Valley-Huerfano Park stratigraphic ch		8 o ∖V # 8 ° d others (1975); Scott and others (1976); Londquist and Livingston (1978); Li		•

Characteristics
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quantities of water to a few wells and springs
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quantities of water to wells and springs
xposed along the west side of the Wet Mountain Valley and ark in complex structural blocks

ey and others (1986); Raynolds and Hagadorn (2017)