



NRCS Soils Key:

Map Symbol	Series Name
29	Hedlt clay loam (3-6% slopes)
3	Arvada loam (1-6% slopes)
34	Ildefonso stony loam (25-45% slopes)
4	Arvada loam (6-20% slopes)
47	Nihill channery loam (16-25% slopes)
51	Olney loam (6-12% slopes)
55	Potts loam (3-6% slopes)
56	Potts loam (6-12% slopes)
66	Torriorthents-Camborthids-Rock outcrop
67	Torriorthents-Rock outcrop complex (steep)
72	Wann sandy loam (1-3% slopes)

Notes / Comments:



Ursa | OPERATING COMPANY

Burckle Cuttings Staging Area

39.524230 -107.668709

Form 2A - Attachment H

NRCS Soil Map



Well Pad



Proposed Development

County Roads

Local Roads

0 500 1,000
Feet



HCSI
ENGINEERING TALK OR SUBSTANTS

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Attachment H – NRCS Soil Survey, Rifle Area

Map Symbol 51 – Olney loam 6-12% slopes	
Deep well drained, moderately sloping soils found on alluvial fans and sides of valleys.	
Elevation	5,000 to 6,500 feet
Average Annual Precipitation	Approximately 14 inches
Average Annual Air Temp	Approximately 48 degrees F
Frost Free Days	Approximately 125 days
Permeability	Moderate
Available Water Capacity	Moderate
Effective Rooting Depth	60 inches or more
Surface Runoff	Medium
Erosion Hazard	Moderate
Native Vegetation: Mainly wheatgrasses, needleandthread and sagebrush.	
Community development and recreation are limited by steep slopes and low strength. This soil is in capability subclass IVe, irrigated and nonirrigated.	

Map Symbol 67 – Torriorthents-Rock outcrop complex (steep)	
Steep exposed sandstone and shale bedrock, stony soils. Shallow to moderately deep.	
Elevation	No information available.
Average Annual Precipitation	No information available.
Average Annual Air Temp	No information available.
Frost Free Days	No information available.
Permeability	No information available.
Available Water Capacity	No information available.
Effective Rooting Depth	No information available.
Surface Runoff	Extreme
Erosion Hazard	No information available.
Native Vegetation: Mainly Wheatgrasses, bluegrass, Indian ricegrass, needle grass, bitterbrush, sage and mountain mahogany.	
Community development and recreation are limited by rock outcrop, steep slopes and stones. This soil is in capability subclass VIIe, nonirrigated.	