



NRCS Soils Key:

Map Symbol	Series Name
27	Halaquepts (nearly level)
3	Arvada loam (1-6% slopes)
34	Ildefonso stony loam (25-45% slopes)
4	Arvada loam (6-20% slopes)
40	Kim loam (3-6% slopes)
50	Olney loam (3-6% slopes)
55	Potts loam (3-6% slopes)
56	Potts loam (6-12% slopes)
58	Potts-Ildefonso complex (12-25% slopes)
65	Torrifluvents (nearly level)
72	Wann sandy loam (1-3% slopes)
73	Wann sandy loam (3-6% slopes)

Notes / Comments:



Ursa | OPERATING COMPANY

Valley Farms L

39.537738 -107.628824

Form 2A - Attachment H
NRCS Soil Map

Public Information

0 500 1,000
Feet



Well Pad

County Roads



Proposed Development

Local Roads



Author: M Spinelli

Revision: 0

Date: 12/3/2013

Attachment H – NRCS Soil Survey, Rifle Area

Map Symbol 34 – Ildefonso stony loam 25-45% slopes	
Deep well drained, hilly to steep soil is on mesa breaks, sides of valleys and alluvial fans.	
Elevation	5,000 to 6,500 feet
Average Annual Precipitation	Approximately 14 inches
Average Annual Air Temp	Approximately 46 degrees F.
Frost Free Days	Approximately 125 days
Permeability	Moderately rapid.
Available Water Capacity	Low
Effective Rooting Depth	60 inches or more
Surface Runoff	Moderate
Erosion Hazard	Severe
Native Vegetation: Mainly pinyon and Utah juniper with an understory of Indian ricegrass, wheatgrass, junegrass, serviceberry bitterbrush, and big sage.	
Community development limited by large stones. This soil is in capability subclass VIIe, nonirrigated.	

Map Symbol 55 – Potts loam 3-6% slopes	
This deep, well drained, moderately sloping soil is on mesas, benches and hillsides of valleys.	
Elevation	5,000 to 7,000 feet
Average Annual Precipitation	Approximately 14 inches
Average Annual Air Temp	Approximately 46 degrees F.
Frost Free Days	Approximately 120 days
Permeability	Moderately
Available Water Capacity	High
Effective Rooting Depth	60 inches or more
Surface Runoff	Slow
Erosion Hazard	Moderate
Native Vegetation: Mainly wheatgrass, needlethread, and sagebrush.	
Community development and recreation are limited by low strength, shrink-swell potential and slope. This soil is in capability subclass IIIe, irrigated and IVe, nonirrigated.	