

Township 8S, Range 39E
SECTION 27

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Cliff Features

This section does not contain any cliff features.

Township 8S, Range 39E
SECTION 27

Rock Outcrop Features

ROCK OUTCROP FEATURE: RO_0137



Photo: 1_23_06_14

Looking Northeast

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 110 ft Height: 10 ft

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
11028	411968.88	2663545.07
11029	412075.47	2663570.07

SUBSTRATE: Scoria

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above is very typical on hilltops in this area. A scoria outcrop has been exposed, leaving a red formation at the top of a steep hill. The feature is composed of small scoria rocks, creating a very jagged face.

ROCK OUTCROP FEATURE: RO_0138



Photo: 1_23_06_15

Looking Northwest

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Area of outcrop: 0.22 acres

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting		Northing	Easting
11030	412154.57	2663420.28	11032	412291.14	2663356.48
11031	412180.99	2663447.85	11033	412277.23	2663263.92

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above travels along the top of a hill overlooking a small draw. This feature is composed of siltstone/sandstone rock and overlies sandy silt subsoil. Overhangs and crevices within the rock are frequent within this feature.

ROCK OUTCROP FEATURE: RO_0139



Photo: 1_23_06_16

Looking North

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 330 ft Height: 15 ft

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
11034	412849.94	2662808.96
11035	413181.04	2662896.51

SUBSTRATE: Scoria

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above is very typical on hilltops in this area. A scoria outcrop has been exposed, leaving a red formation at the top of a steep hill. The feature is composed of small scoria rocks, creating a very jagged face. This feature includes the tops of three adjacent hills.

ROCK OUTCROP FEATURE: RO_0140



Photo: 1_23_06_18

Looking North

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Area of outcrop: 0.24 acres

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
11037	411992.86	2662813.18
11038	411875.01	2662778.21
11039	411740.75	2662914.27

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above travels along the top of a hill overlooking a small draw. This feature is composed of siltstone/sandstone rock and overlies sandy silt subsoil. The slope above this outcrop is nearly flat, while the slope below is moderately steep. This feature includes a large rock on the top of an adjacent hill.

ROCK OUTCROP FEATURE: RO_0141



Photo: 1_23_06_19

Looking Northwest

FEATURE TYPE:	Rock Outcrop		
GEOMETRIC DIMENSIONS:	Length: 180 ft	Width: 20 ft	
LOCATION:	Township: 8S	Range: 39E	Section: 27
HANDHELD GPS POINTS:	Northing	Easting	
	11040	412212.82	2661935.52
	11041	412250.86	2661756.04
SUBSTRATE:	Sandstone/siltstone		
EXPOSURE:	Northern facing slope		
DESCRIPTION OF FEATURE:	The rock outcrop shown above travels along the top of a hill overlooking a small draw. This feature is composed of siltstone/sandstone rock and overlies sandy silt subsoil. This feature is surrounded by small trees, shrubs, and grass.		

ROCK OUTCROP FEATURE: RO_0142



Photo: 1_23_06_20

Looking Northwest

FEATURE TYPE:	Rock Outcrop		
GEOMETRIC DIMENSIONS:	Length: 210 ft	Height: 10 ft	
LOCATION:	Township: 8S	Range: 39E	Section: 27
HANDHELD GPS POINTS:	Northing	Easting	
	11042	412911.06 2661298.33	
	11043	413018.95 2661478.30	
SUBSTRATE:	Sandstone/siltstone		
EXPOSURE:	Southern facing slope		
DESCRIPTION OF FEATURE:	The large rock outcrop shown above travels along the top of a hill overlooking a draw. This feature is composed of siltstone/sandstone rock and overlies sandy silt subsoil. The feature covers a significant amount of length, and in some areas stacks very high. It was noted in the field that this feature is currently being used as habitat.		

ROCK OUTCROP FEATURE: RO_0143



Photo: 1_23_06_21

Looking East

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Area of outcrop: 0.37 acres

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting		Northing	Easting
11044	413294.28	2661190.49	11046	413264.25	2660935.71
11045	413268.77	2661191.31	11047	413361.57	2660899.02

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above travels along the top of a moderately sloped, vegetated hill. This feature is composed of siltstone/sandstone rock and overlies sandy silt subsoil. The picture on the following page shows an example of habitat created within one of the rocks.

ROCK OUTCROP FEATURE: RO_0143

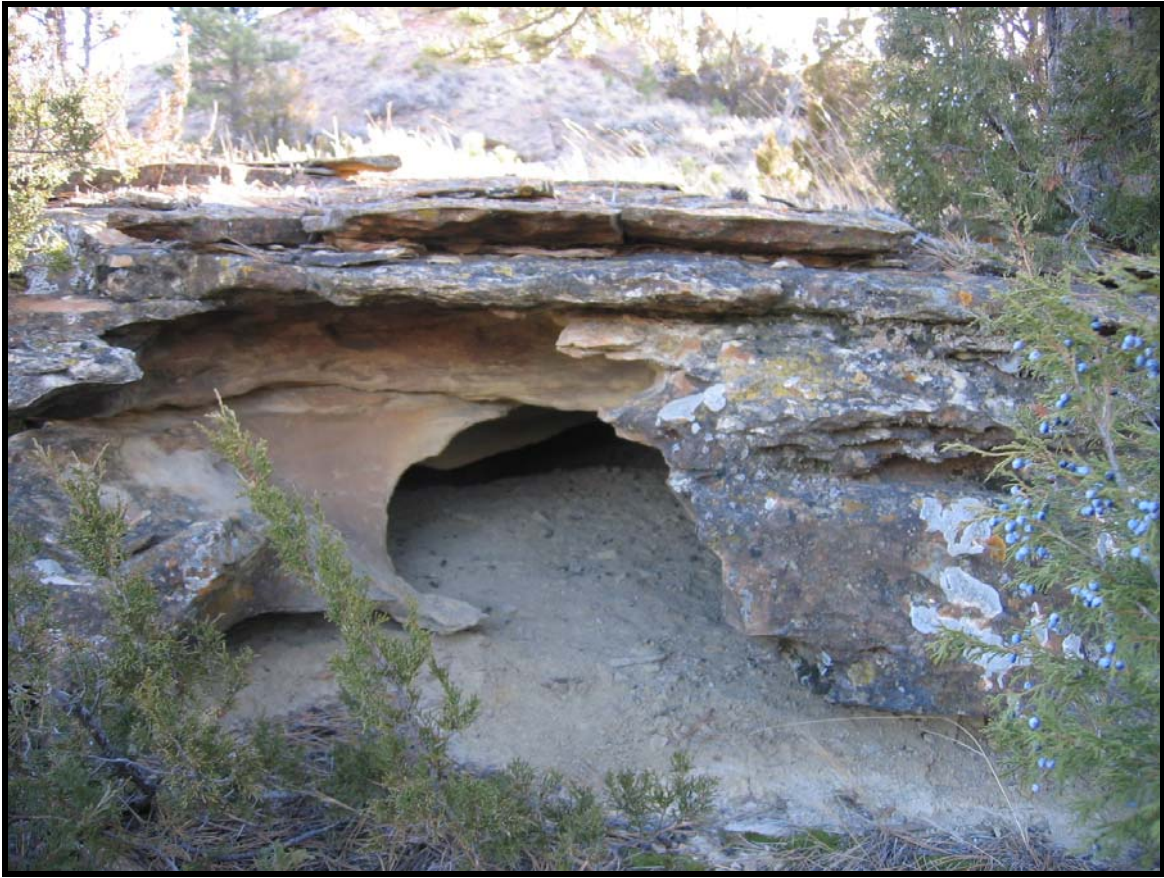


Photo: 1_23_06_22

Looking South

ROCK OUTCROP FEATURE: RO_0144



Photo: 1_23_06_23

Looking Southeast

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 310 ft Height: 15 ft

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
11048	413490.77	2662088.35
11049	413180.78	2662090.53

SUBSTRATE: Scoria

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above is very typical on hilltops in this area. A scoria outcrop has been exposed, leaving a red formation at the top of a steep hill. The feature is composed of small scoria rocks, creating a very jagged face.

ROCK OUTCROP FEATURE: RO_0145



Photo: 1_23_06_24

Looking North

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 90 ft Height: 30 ft

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
11050	412841.63	2662207.31
11051	412862.66	2662294.47

SUBSTRATE: Scoria

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above is very typical on hilltops in this area. A scoria outcrop has been exposed, leaving a red formation at the top of a steep hill. The feature is composed of small scoria rocks, creating a very jagged face.

ROCK OUTCROP FEATURE: RO_0146



Photo: 1_23_06_25

Looking Northeast

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 270 ft Height: 5 ft

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting		Northing	Easting
11052	413162.98	2663015.93	11054	413208.27	2663177.22
11053	413305.34	2663132.78			

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above travels along the top of a hill, overlooking a small draw. The feature does not have a significant height but it contains numerous crevices and overhangs. The feature sits on a soft, sandy silt soil.

ROCK OUTCROP FEATURE: RO_0147



Photo: 1_23_06_26

Looking East

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 210 ft Height: 15 ft

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
11055	413194.84	2663441.15
11056	412992.43	2663499.31

SUBSTRATE: Scoria

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above is very typical on hilltops in this area. A scoria outcrop, or caprock, has been exposed, leaving a red formation at the top of a steep hill. The feature is composed of small scoria rocks, creating a very jagged face.

ROCK OUTCROP FEATURE: RO_0150



Photo: 1_24_06_01

Looking Southwest

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 110 ft Height: 5 ft

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
12001	414281.12	2660794.71
12002	414302.24	2660770.79
12003	414310.62	2660690.44

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above travels along the top of a hill, overlooking South Fork Spring Creek drainage. The feature does not have a significant height but it contains numerous crevices and overhangs. The feature sits on a soft, sandy silt soil.

ROCK OUTCROP FEATURE: RO_0151



Photo: 1_24_06_03

Looking Northeast

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 125 ft Height: 5 ft

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
12005	413065.98	2661009.21
12006	413163.28	2661086.19

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above travels along the top of a hill, overlooking riparian feature R_0038. The feature sits on a soft, sandy silt soil and is populated with small trees and shrubs. Some areas of this outcrop contain small, thin rocks while other portions have thick rocks with significant surface area.

ROCK OUTCROP FEATURE: RO_0152



Photo: 1_24_06_04

Looking Southwest

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 200 ft Height: 5 ft

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
12007	413272.49	2660736.53
12008	413271.48	2660819.23
12009	413297.93	2660619.47

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above travels along the top of a hill, overlooking riparian feature R_0038. The overhang shown above is typical within this outcrop. The feature sits on a soft, sandy silt soil.

Revised 4/06; Reference – South Fork Extension Amendment #00174

ROCK OUTCROP FEATURE: RO_0153



Photo: 1_24_06_06

Looking West

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 230 ft Height: 5 ft

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
12010	413779.01	2660263.12
12011	413719.69	2660347.67
12012	413799.51	2660448.45

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above travels along the top of a hill, overlooking a small draw. The feature contains layered rocks that have a depth of approximately five feet. The feature sits on a soft, sandy silt soil.

ROCK OUTCROP FEATURE: RO_0154



Photo: 1_24_06_07

Looking Northwest

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 110 ft Height: 5 ft

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
12013	413770.26	2660103.24
12014	413875.28	2660079.22

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above travels along the top of a hill, overlooking a small draw. It is very similar to other outcrops in this area. The feature contains layered rocks that have a depth of approximately five feet. The feature sits on a soft, sandy silt soil.

ROCK OUTCROP FEATURE: RO_0155



Photo: 1_24_06_08

Looking Northwest

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Area of outcrop: 0.68 acres

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:	Northing	Easting	Northing	Easting
12015	413914.45	2659705.99	12017	414215.95
12016	414012.48	2659806.19	12018	414065.69
				2659895.27
				2659644.33

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The large rock outcrop shown above travels along the side of a hill, overlooking a draw. The feature includes different types of rocks, including flat rectangular rocks and stacked rock on smaller slopes. The pictures on the following page show additional views of this feature.

ROCK OUTCROP FEATURE: RO_0155



Photo: 1_24_06_09

Looking Southwest



Photo: 1_24_06_10

Looking Southwest

ROCK OUTCROP FEATURE: RO_0156



Photo: 1_24_06_11

Looking North

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 75 ft Height: 10 ft

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
12019	413905.33	2659763.11
12020	413957.99	2659813.09

SUBSTRATE: Scoria

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above is very typical on hilltops in this area. A scoria outcrop, has been exposed, leaving a red formation at the top of a steep hill. The feature is composed of small scoria rocks, creating a very jagged face.

ROCK OUTCROP FEATURE: RO_0157



Photo: 1_24_06_12

Looking West

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 70 ft Width: 20 ft

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
12021	414259.84	2658868.36
12022	414239.56	2658804.43

SUBSTRATE: Scoria

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above travels along the top of a hill. The feature does not have a significant height but it contains numerous crevices and holes. The feature sits on a soft, sandy silt soil.

ROCK OUTCROP FEATURE: RO_0158



Photo: 1_24_06_13

Looking Northwest

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 40 ft Height: 30 ft

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
12023	414984.60	2658488.80
12024	414984.68	2658491.39

SUBSTRATE: Scoria

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: Scoria outcrops are very common around the minesite, however this feature contains smaller rocks and is located on a small mound of soil near the middle of a hill. This feature is located in an area populated with trees.

ROCK OUTCROP FEATURE: RO_0159



Photo: 1_24_06_14

Looking Southwest

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Area of outcrop: 0.04 acres

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:	Northing	Easting		Northing	Easting
12025	415349.99	2658508.16	12027	415364.35	2658386.31
12026	415330.78	2658477.78	12028	415368.49	2658401.67

SUBSTRATE: Sandstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above is located on a northern facing slope overlooking South Fork Spring Creek. The feature consists of sandstone rocks that have been weathered and eroded. Some rocks, such as the one shown above, have been utilized by animals for habitat.

ROCK OUTCROP FEATURE: RO_0168



Photo: 1_24_06_37

Looking East

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Area of outcrop: 0.23 acres

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
12070	415018.80	2659448.61
12071	415002.47	2659508.54
12072	414667.39	2659524.40

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: The rock outcrop shown above travels along the top of a hill overlooking a draw. This feature is composed of siltstone/sandstone rock and overlies sandy silt subsoil. The sandstone/siltstone that makes up this feature is layered and very thin.

Township 8S, Range 39E

SECTION 27

Riparian Areas

RIPARIAN FEATURE: R_0037



Photo: 1_23_06_17

Looking Southwest

FEATURE TYPE: Riparian Area

GEOMETRIC DIMENSIONS: See attached topographic map

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
11036	413140.31	2662649.82

SUBSTRATE: Not Applicable

EXPOSURE: Drainage runs in a northerly direction

DESCRIPTION OF FEATURE: This drainage is a tributary to South Fork Spring Creek. The draw has a wide bottom with steeply cut, sandy silt sidewalls, and is bordered by moderately sloped hills. The channel bottom is vegetated with grass, sagebrush and small trees.

RIPARIAN FEATURE: R_0038



Photo: 1_24_06_02

Looking Southwest

FEATURE TYPE: Riparian Area

GEOMETRIC DIMENSIONS: See attached topographic map

LOCATION: Township: 8S Range: 39E Section: 27

HANDHELD GPS POINTS:

	Northing	Easting
12004	413986.84	2660946.19

SUBSTRATE: Not Applicable

EXPOSURE: Drainage runs in a northerly direction

DESCRIPTION OF FEATURE: This drainage is a tributary to South Fork Spring Creek. The draw has a wide bottom with steeply cut sidewalls, and is bordered by moderately sloped hills. The channel bottom is vegetated with grass, sagebrush and small trees.

Township 8S, Range 39E

SECTION 27

Other Features

This section does not contain any Other Features.