

Township 8S, Range 39E

SECTION 23

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Cliff Features

This section does not contain any Cliff Features.

Township 8S, Range 39E
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Rock Outcrop Features

ROCK OUTCROP FEATURE: RO_0191



Photo: 1_26_06_01

Looking North

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 60 ft Height: 5 ft

LOCATION: Township: 8S Range: 39E Section: 23

HANDHELD GPS POINTS:

	Northing	Easting
14001	418224.19	2664095.91
14002	418279.60	2664117.37

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: The small rock outcrop shown above consists of layered sandstone/siltstone rocks that are located at the top of a small southern facing hill. This feature has a long, narrow geometry.

ROCK OUTCROP FEATURE: RO_0192



Photo: 1_26_06_02

Looking Northeast

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 60 ft Width: 15 ft

LOCATION: Township: 8S Range: 39E Section: 23

HANDHELD GPS POINTS:

	Northing	Easting
14003	418435.63	2664205.34
14004	418470.08	2664255.88

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The small rock outcrop shown above overlooks a small draw, which is a tributary to Spring Creek. The feature sits on highly erosive, sandy silt material and the layout of the rocks creates potential habitat. The rocks within this feature vary in size.

ROCK OUTCROP FEATURE: RO_0193



Photo: 1_26_06_03

Looking East

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Area of outcrop: 0.09 acres

LOCATION: Township: 8S Range: 39E Section: 23

HANDHELD GPS POINTS:

	Northing	Easting		Northing	Easting
14005	418609.55	2664055.12	14007	418572.28	2664144.13
14006	418628.84	2664088.07	14008	418521.10	2664140.61

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The small rock outcrop shown above sits on highly erosive, sandy silt material and voids are present between the rocks. Most of these rocks are flat and approximately 2 feet in thickness. In one area this outcrop intersects a small draw.

ROCK OUTCROP FEATURE: RO_0194



Photo: 1_26_06_04

Looking West

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Area of outcrop: 1.08 acres

LOCATION: Township: 8S Range: 39E Section: 23

HANDHELD GPS POINTS:	Northing	Easting	Northing	Easting	
14009	418926.16	2663918.40	14011	419170.97	2663817.57
14010	418995.23	2663797.38	14012	419068.60	2664151.42

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The small rock outcrop shown above sits on highly erosive, sandy silt material. Throughout the outcrop area, the rocks vary from small, flat, sandstone/siltstone rocks to large, layered, sandstone/siltstone rocks. See the picture on the next page for another view of the rocks in this outcrop.

ROCK OUTCROP FEATURE: RO_0194



Photo: 1_26_06_05

Looking South

ROCK OUTCROP FEATURE: RO_0195



Photo: 1_26_06_07

Looking West

FEATURE TYPE:	Rock Outcrop				
GEOMETRIC DIMENSIONS:	Area of outcrop: 0.12 acres				
LOCATION:	Township: 8S		Range: 39E		Section: 23
HANDHELD GPS POINTS:	14014	Northing	Easting	14016	Northing
		419510.20	2663817.00		419499.35
	14015	419557.07	2663800.00	14017	419456.20
					2663706.30
					2663725.77
SUBSTRATE:	Sandstone/siltstone				
EXPOSURE:	Northern facing slope				
DESCRIPTION OF FEATURE:	The type of rock outcrop shown above is very common in this area. The layered sandstone/siltstone rocks are stacked over the area, leaving voids beneath and between the rocks. The subsoil consists of sandy silt.				

ROCK OUTCROP FEATURE: RO_0220



Photo: 1_26_06_46

Looking East

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 70 ft Width: 20 ft

LOCATION: Township: 8S Range: 39E Section: 23

HANDHELD GPS POINTS:

	Northing	Easting
14110	420872.14	2663858.48
14111	420874.45	2663930.71

SUBSTRATE: Scoria

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: Scoria outcrops like the one shown above appear in many areas across the mine. This feature is located at the top of a small, tree covered hill. The rocks in this outcrop are small and covered with lichens.

ROCK OUTCROP FEATURE: RO_0221



Photo: 1_26_06_47

Looking Northeast

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 115 ft Height: 10 ft

LOCATION: Township: 8S Range: 39E Section: 23

HANDHELD GPS POINTS:

	Northing	Easting
14112	420587.58	2665107.17
14113	420631.15	2665214.23

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The sandstone/siltstone rock outcrop shown above is weathered and eroded. It is located on a sandy silt subsoil and has overhangs and areas where holes have been dug below the rock.

ROCK OUTCROP FEATURE: RO_0222



Photo: 1_26_06_48

Looking Southeast

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Area of outcrop: 0.14 acres

LOCATION: Township: 8S Range: 39E Section: 23

HANDHELD GPS POINTS:	Northing	Easting	Northing	Easting
14114	420452.76	2665338.76	14116	420504.37 2665582.43
14115	420538.24	2665501.29		

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The small rock outcrop shown above is located in an area vegetated with small trees, grass and sagebrush. The sandstone/siltstone rocks within the feature have the same characteristics as many outcrops in this area.

ROCK OUTCROP FEATURE: RO_0223



Photo: 1_26_06_49

Looking Southeast

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Area of outcrop: 0.02 acres

LOCATION: Township: 8S Range: 39E Section: 23

HANDHELD GPS POINTS:	Northing	Easting		Northing	Easting
14117	420063.78	2665606.95	14119	420020.47	2665621.26
14118	420036.46	2665664.64			

SUBSTRATE: Scoria

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: This small rock outcrop is located in an area vegetated with small trees, grass and sagebrush. Scoria outcrops, like the one shown above, appear in many areas across the mine. This feature is located at the top of a small, tree covered hill. The rocks in this outcrop are small and covered with lichens.

ROCK OUTCROP FEATURE: RO_0224



Photo: 1_26_06_51

Looking East

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Length: 45 ft Height: 15 ft

LOCATION: Township: 8S Range: 39E Section: 23

HANDHELD GPS POINTS:

	Northing	Easting
14121	419975.15	2667159.30
14122	419935.57	2667176.07

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Northern facing slope

DESCRIPTION OF FEATURE: The small rock outcrop shown above is located in an area vegetated with small trees, grass and sagebrush. The layered sandstone/siltstone outcrop creates areas of habitat. It was noted in the field that there were holes and areas of current habitat within this outcrop.

ROCK OUTCROP FEATURE: RO_0260



Photo: 2_1_06_23

Looking Northwest

FEATURE TYPE: Rock Outcrop

GEOMETRIC DIMENSIONS: Area of outcrop: 0.11 acres

LOCATION: Township: 8S Range: 39E Section: 23

HANDHELD GPS POINTS:

	Northing	Easting		Northing	Easting
16054	420993.07	2668634.55	16056	421055.06	2668407.88
16055	420982.39	2668642.64	16057	421022.09	2668403.78

SUBSTRATE: Sandstone/siltstone

EXPOSURE: Southern facing slope

DESCRIPTION OF FEATURE: The small rock outcrop shown above is located at the top of a small, sandy silt hill overlooking the Spring Creek channel bottom. The large, flat, layered rocks have voids between and below.

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Riparian Areas

RIPARIAN FEATURE: R_0047



Photo: 1_26_06_06

Looking East

FEATURE TYPE: Riparian Area

GEOMETRIC DIMENSIONS: See attached topographic map

LOCATION: Township: 8S Range: 39E Section: 23

HANDHELD GPS POINTS:

	Northing	Easting
14013	419164.92	2664424.67

SUBSTRATE: Not applicable

EXPOSURE: Drainage runs in an easterly direction

DESCRIPTION OF FEATURE: This draw is a tributary to Spring Creek. The picture above looks downstream and shows geometry of the channel. The channel bottom is vegetated with grass and sagebrush.

RIPARIAN FEATURE: R_0052



Photo: 1_26_06_50

Looking East

FEATURE TYPE: Riparian Area
GEOMETRIC DIMENSIONS: See attached topographic map
LOCATION: Township: 8S Range: 39E Section: 23
HANDHELD GPS POINTS:

	Northing	Easting
14120	419503.36	2665761.87

SUBSTRATE: Not applicable
EXPOSURE: Drainage runs in an easterly direction
DESCRIPTION OF FEATURE: This draw is a tributary to Spring Creek. The picture above looks upstream and shows geometry of the channel. The channel bottom is vegetated with grass and sagebrush. This drainage runs parallel to R_0047.

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Other Features

This section contains no Other Features.