

# Level 4 Potential Conservation Area (PCA) Report

Name Main Elk Creek West

Site Code S.USCOHP\*17309

## IDENTIFIERS

Site ID 483 Site Class PCA  
Site Alias None

## Network of Conservation Areas (NCA)

<u>NCA Site ID</u>	<u>NCA Site Code</u>	<u>NCA Site Name</u>
-		No Data

## LOCATORS

Nation United States Latitude 393735N  
State Colorado Longitude 1073531W

Quad Code Quad Name  
39107-F5 Deep Creek Point

County  
Garfield (CO)

Watershed Code Watershed Name  
14010005 Colorado headwaters-Plateau

## SITE DESCRIPTION

Minimum Elevation	6,381.00 Feet	1,945.00 Meters
Maximum Elevation	6,667.00 Feet	2,032.00 Meters

### Site Description

The Teakee Mine is located in pinyon-juniper (*Pinus edulis*- *Juniperus* spp.) habitat with big sagebrush (*Artemisia tridentata*) and rabbitbrush (*Chrysothamnus* spp.). The riparian habitat of Main Elk Creek three quarters of a mile to the east contains narrow leaf cottonwood (*Populus angustifolia*) and beyond the creek are hay meadows. The pinyon-juniper woodlands of the area at higher elevation, the location of the mine, is owned by the BLM; while the valley bottoms along the streams is private land with hay meadows and pastures. A number of geologic strata from the Cretaceous, Jurassic, Triassic, Permian and Pennsylvanian periods are visible here. Sandstones of the Dakota, Morrison, Entrada, Curtis, Chinle, State Bridge, Weber and Maroon formations are visible in the region surrounding this PCA. A group of pale lump-nosed bats (*Corynorhinus townsendii*) was documented using the Teakee Mine as either a roosting site or hibernacula in October of 1997.

### Key Environmental Factors

No Data

### Climate Description

No Data

### Land Use History

No Data

### Cultural Features

No Data

## SITE DESIGN

Site Map P - Partial Mapped Date 04/02/1999

Designer Sovell, J.R.

### Boundary Justification

The boundary of this PCA protects specific habitat consisting of the Teakee Mine, a roosting site of the pale lump-nosed bat. Besides the mine, which should, if possible, be closed to human visitors, the PCA includes the immediate area around the cave including likely water sources. The boundary does not include the feeding area of the pale lump-nosed bat, the extent of which is difficult to define. This roosting site is of particular importance because human disturbance at caves, deforestation, and urban and agricultural practices leave few alternatives for bats and they can not change roosts in the time permitted by current rates of mine closures.

Primary Area 6.31 Acres 2.56 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B5: General Biodiversity Interest

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## Biodiversity Significance Comments

This potential conservation area contains an unranked occurrence of a globally apparently secure (G4T4), state rare (S2) bat.

Other Values Rank No Data

## Other Values Comments

No Data

### LAND MANAGEMENT ISSUES

## Land Use Comments

No Data

## Natural Hazard Comments

No Data

## Exotics Comments

No Data

## Offsite

No Data

## Information Needs

No Data

### ASSOCIATED ELEMENTS OF BIODIVERSITY

<u>Element</u>			<u>Global</u>	<u>State</u>	<u>Driving</u>
<u>State ID</u>	<u>State Scientific Name</u>	<u>State Common Name</u>	<u>Rank</u>	<u>Rank</u>	<u>Site Rank</u>
21654	<i>Plecotus townsendii pallescens</i>	Townsend's Big-eared Bat Subsp	G4T4	S2	Yes

### REFERENCES

<u>Reference ID</u>	<u>Full Citation</u>
-	No Data

### ADDITIONAL TOPICS

## Additional Topics

No Data

### VERSION

Version Date 12/17/2000  
Version Author Sovell, J. R.

### Disclaimer

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