

# Level 4 Potential Conservation Area (PCA) Report

Name Coal Bank Hill

Site Code S.USCOHP\*128

## IDENTIFIERS

Site ID 1795 Site Class PCA  
Site Alias Potato Hill

### 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 374036N  
State Colorado Longitude 1074648W

Quad Code Quad Name  
37107-F7 Engineer Mountain

County  
San Juan (CO)

Watershed Code Watershed Name  
14080104 Animas

## SITE DESCRIPTION

Minimum Elevation	9,800.00 Feet	2,987.00 Meters
Maximum Elevation	10,200.00 Feet	3,109.00 Meters

### Site Description

This site is located in a rocky forested area near the roadside of Highway 550. Engelmann spruce and lodgepole pine dominate the site, with patches of aspen, and a shady understory with *Vaccinium myrtillus* and *Fragaria virginiana*. Three species of *Botrychium* (moonworts), including two that are rare, were found in a small dry drainage channel in 1987. Although the site was visited in 2002, the moonworts were not found. However, it is common for them not to appear above ground every year, even though their underground parts are viable. Few *Botrychiums* were found during the extreme drought in 2002.

### Key Environmental Factors

No Data

### Climate Description

No Data

### Land Use History

No Data

### Cultural Features

No Data

## SITE DESIGN

Site Map Y - Yes Mapped Date 06/17/1997  
Designer Lyon, M.J.

### Boundary Justification

The planning boundary encompasses the element occurrence and provides a small buffer to limit direct disturbances.

Primary Area 44.71 Acres 18.09 Hectares

## SITE SIGNIFICANCE

Biodiversity Significance Rank B4: Moderate Biodiversity Significance

### Biodiversity Significance Comments

There is a historical occurrence of *Botrychium echo*, which is globally vulnerable, and a historical occurrence of *Botrychium pinnatum*, which is critically imperiled in Colorado.

Other Values Rank No Data

### Other Values Comments

No Data

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## LAND MANAGEMENT ISSUES

### Land Use Comments

No Data

### Natural Hazard Comments

No Data

### Exotics Comments

No Data

### Offsite

No Data

### Information Needs

Current field survey needed to verify quality of rare plant populations.

## 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>
20475	<i>Botrychium echo</i>	reflected moonwort	G3	S3	Yes
22682	<i>Botrychium pinnatum</i>	northern moonwort	G4?	S1	No

## REFERENCES

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

## ADDITIONAL TOPICS

### Additional Topics

No Data

## VERSION

<b>Version Date</b>	12/13/2002
<b>Version Author</b>	Lyon, M.J.

## Disclaimer

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