WYOMING STATE GEOLOGICAL SURVEY
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Laramie, Wyoming

Geology - Interpreting the past to provide for the future

Prepared in cooperation with the Wyoming Department of Environmental Quality/Environmental Quality Council

MAP SERIES 92

Unique and Irreplaceable or Rare and Uncommon Areas in Wyoming

Version 1.0 September 2009

Land Areas of Wyoming Designated Unique and Irreplaceable or Rare and Uncommon

by Timothy M. Sprague

2009

Map Projection: Lambert Conformal Conic

False Easting: 0, False Northing: 0, Central Meridian: -107.5, Standard Parallel 1: 41, Standard Parallel 2: 45, Latitude of Origin: 41, Linear Unit: Meter, Horizontal datum: North American Datum of 1983, Ellipsoid: Geodetic Reference System 80.

SCALE = 1:500,000
1 inch equals approximately 8 miles
1 centimeter equals approximately 5 kilometers

Digital Cartography and Map Design by Timothy M. Sprague

Main Map Legend

- State Parks
- U.S. Forest Service Wilderness Areas
- National Park Service administered lands
- National Wildlife Refuges (NWR)
- National Recreation Areas
- State Wildlife Habitat Management Areas (WHMA)
- Wind River Indian Reservation
- Continental Divide
- Rivers and streams
- Wild and Scenic Rivers
- Lakes
- State Historic Sites
- Historic monuments and markers
- Unique and Irreplaceable lands
- National Historic Landmarks (NHL)
- Museums
- Historic forts
- Wyoming cities and towns
- Historic Trails
- Dams
- Interstate Highways
- Local or county roads
- State highways
- U.S. highways
- Scenic byways and backways

Unique and Irreplaceable Designation Resolution No. I January 25, 1974

The initial designation of restricted areas shall include but shall not be limited to those places which are now or hereafter included in the Wyoming Recreation Commission Inventory of Historical Places, the U.S. Department of the Interior National Register of Historical Places, national and state parks, national and state wildlife refuges, National System of Trails, the National Wilderness Preservation System, the Wild and Scenic Rivers System, National and State Recreation areas, monuments, forts, museums, ranger stations, petroglyph sites, dams, depots, and any area which may adversely affect a publicly owned park, or sites and places listed by the University of Wyoming Department of Archaeology, the Wyoming Recreation Commission and the Wyoming Archives and Historical Department.

This designation shall also include sites and places identified by mining permit applicants within the proposed development area as having more than local interest and importance as a restricted area.

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DATA SOURCES FOR UNIQUE LANDS

Tim Sprague, Wyoming State Geological Survey: Unique Lands dataset (except for Adobe Town), Museums, Historic Forts, National Historic Landmarks, Surrounding States, Wyoming Scenic Byways and Backways, State Historic Sites not already listed in the National Historic Landmark Program

Premier Data Services: PLSS - Quarter-Quarter Section Level for Wyoming at 1:24,000 (Used to digitize parts of the Unique Lands dataset)

U.S. Census Bureau / Wyoming Water Resources Lab: 1:100,000-scale roads

U.S. Department of the Interior, Bureau of Land Management, Lander and Rawlins Field Offices: Subdivision portions of the Unique Lands dataset, Continental Divide Trail, OCTB 1:24,000 Township and Range, 1:24,000 Surface Ownership

U.S. Geological Survey Center for Earth Resource Observation and Science (EROS), National Aeronautics and Space Administration (NASA), National Geospatial-Intelligence Agency (NGA), ESRI: SRTM (Shaded Relief (North/West)

DATA SOURCES CONTINUED

U.S. Geological Survey National Hydrography Dataset/Wyoming State Geological Survey: Lakes, rivers and streams (See Wyoming State Geological Survey Map Series 91)

Wyoming Department of Environmental Quality/Environmental Quality Commission: Legal descriptions used in digitizing the Unique Lands dataset

Wyoming Geographic Information Science Center: Cities, Counties (1:100,000), Dams, Roads, Historic Trails (derived from trailshd), Wyoming Land Management (derived datasets - Wild and Scenic Rivers, National Park Service Lands, National Recreation Areas, National Wildlife Refuges, Wyoming Fish & Game Wildlife Habitat Management Areas) Continental Divide, Wyoming Scenic Byways and Backways, National Historic Landmarks, Wyoming State Parks

Wyoming Geographic Information Science Center / Wyoming State Historic Preservation Office: Monuments and Markers

Rare or Uncommon Areas Legend

- Rare and Uncommon Lands
- Historic Trails
- Lakes
- Local Roads
- State Highway
- Streams
- River

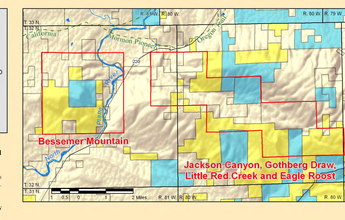
Surface Ownership
- BLM Land
- State Land
- Private Land

Rare or Uncommon Designation of Jackson Canyon, Little Red Creek, Gothberg Draw, and Eagle Roost - August 8, 1978

Sections 7, 16, 17, 18, 20, 21, 22, 23, 25, 26 and 27, T32N, R80W and Sections 12 and 13, T32N in Natrona County commonly known as Jackson Canyon, Little Red Creek, Gothberg Draw, and Eagle Roost

Rare or Uncommon Designation of Bessemer Mountain - July 1994

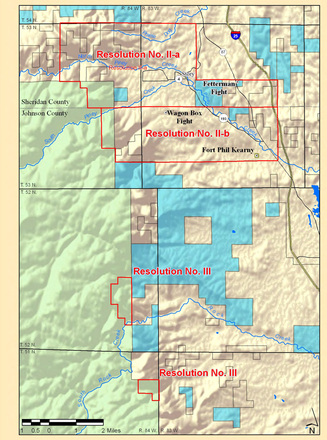
Sections 8, 9, 10, 15, 16, 17, 20, 21, and 22 of T32N, R81W, 6th PM, Natrona County



Rare or Uncommon Designation of a Portion of Section 36, T29N, R87W November 25, 2002

That area of Section 36 lying north and west of the Highway 220 easement as very rare or uncommon and as having particular historical value. The legal description for the Highway 220 easement is as follows:

All that portion of the SW1/4 NW1/4 SE1/4NW1/4 NE1/4 of Section 36, T29N, R87 W. of the 6th P. M., Wyoming, lying between parallel right of way lines 300 feet apart, being 150 feet on each side when measured at right angles or radically to the following described survey line of highway; said parallel right of way lines extending to and terminating at the legal boundaries of said Section 36. Beginning at a point on the west boundary of said Section 36 from which the Southwest corner thereof bears S 0° 02.5' E. a distance of 830.6 feet; thence S. 71 ° 32' E. a distance of 264.0 feet to the point of beginning of a 1° 00' circular curve to the left, the radius of which is 5 729.9 feet; thence along said curve through a central angle of 38° 50' a distance of 3 883.3 feet to the point of ending of said curve; thence 31 ° 42' 42' E. a distance of 2,369.8 feet, more or less, to a point on the north boundary of said Section 36 from which the northeast corner thereof bears S. 89° 11.5' E. a distance of 723.1 feet.



Resolutions II & III Legend

- Unique and Irreplaceable Lands
- National Historic Landmarks
- Historic Forts
- County Line
- Lakes
- Rivers & Streams
- Local Roads
- Interstates

Surface Ownership
- Forest Service Land
- State Land
- Private Land

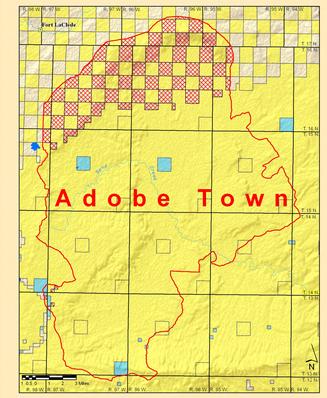
Unique and Irreplaceable Designation, Resolution No. II October 25, 1974

a. All of Section 14; NE1/4 NE1/4 Section 15, all of Section 1, 2, 3, 10, 11, 12 and 13, in T55N, R84W, and all of Sections 5, 6, 7, 8, 14, 15, 16, 17 and 18 in T54N, R83W of Sheridan County for a total of approximately 10, 920 acres, and,

b. The E1/2 Section 23, NE1/4 Section 26, all of Sections 24 and 25 in T53N, R84W, and all of Sections 19, 20, 21, 22, 23, 26, 27, 28, 29 and 30 in T53N, R83W of Johnson County for a total of approximately 8,160 acres.

Unique and Irreplaceable Designation, Resolution No. III October 25, 197 4

The S1/2 NE1/4, E1/2 SW1/4, SE1/4 Section 25, NE1/4, NW1/4 NW1/4, N1/2 SE1/4, SE1/4 SE1/4, Section 26 in T52N, R84W, and NE1/4, E1/2 NW1/4, NE1/4 SE1/4 Section 12 in T51N, R84W of Johnson County for a total of approximately 920 acres.



Adobe Town Area Legend

Surface Ownership
- BLM Land
- State
- Private

- Adobe Town designation boundary
- Adobe Town private land (undesignated)
- Historic Forts
- Streams
- Lakes

The area proposed for designation is described as follows:

Bounded by roads and pipelines, as follows: T17N R97W: Sec. 30 S1/2 T17N R96W: Sec. 22 SE1/3; Sec. 24 SW1/3; Sec. 28 SE1/2; Sec. 32 E2/3; and Sec. 26, 34, & 36 T17N R97W: Sec. 30 SW1/2; Sec. 32 SW1/2 T16N R97W: Sec. 8 SE1/8; Sec. 18 SE1/3; Sec. 25 S1/2; Sec. 27 SE1/4 SE1/4; Sec. 33 SE1/4 & Sec. 2, 10, 12, 14, 16, 20, 22, 24, 26, 28, 30, 32, 34, 35, and 36 T16N R96W: Sec. 29 P.L.; Sec. 27 SE T9 & Sec. 2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 25, 26, 28, 30, 31, 32, 33, 34, 35, & 36 T15N R95W: Sec. 8 W1/3; Sec. 20 W1/3; Sec. 19 SE1/8; Sec. 29 W1/3; Sec. 29 SE1/3; Sec. 28 SW1/3; Sec. 33 N1/2 & Sec. 6, 18, 30, 31, & 32 T15N R96W: Sec. 2 E1/2; Sec. 13 SE1/2; Sec. 24 NW1/4, NE1/4, SE1/4; Sec. 25 E1/3; Sec. 36 E1/3 T15N R97W: Sec. 5 SE1/4, E1/2 of SW1/4, Sec. 7 NE1/4, SW1/4, SE1/4 & Sec. 1, 2, 3, 4, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, & 36 T15N R95W: Sec. 4 SW7/8; Sec. 3 SE1/2; Sec. 2 SW1/8; Sec. 11 SW2/3; Sec. 13 SW1/4; Sec. 14 NW1/8, SE1/8; Sec. 15 NW7/8; Sec. 22 NW7/8; Sec. 23 SE2/3; Sec. 24 SW2/3; Sec. 25 all but NE1/4SE1/4 & Sec. 5, 6, 7, 8, 9, 10, 16, 17, 18, 19, 20, 21, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, and 36 T15N R94W: Sec. 30 SW1/4SW1/4 & Sec. 31 T14N R94W: Sec. 6 SW1/4 T14N R95W: Sec. 1 NW7/8; Sec. 10 NW2/3; Sec. 11 S1/3; Sec. 12 N1/4 SW1/4 W1/4, SW1/4NW1/4 NE1/4SW1/4; Sec. 16 SW1/3; Sec. 17 S7/8 W7/8 & Sec. 2, 3, 4, 5, 6, 7, 8, 9 & 18 T14N R96W: Sec. 24 NW1/8; Sec. 25 NW1/8; Sec. 27 N1/3 & W1/4 Sec. 34 W1/2 & Sec. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 28, 29, 30, 31, 32, 33, T14N R97W: Sec. 18 NE¼, Sec. 19 NE1/4NE1/4 & Sec. 20 SE2/3; Sec. 29 NE1/3; Sec. 31 E1/2 except the SE1/4SW1/4 & SW1/4SE1/4; Sec. 32 SE¼ & Sec. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 21, 22, 23, 24, 25, 26, 27, 28, 33, 34, 35, 36 T14N R98W: Sec. 1 E1/3; Sec. 12 E2/3; Sec. 13 NE1/3; Sec. 36 all T13N R98W: Sec. 1 NE1/4SE1/4, E1/2 of SE1/4; Sec. 12 NE1/4NE1/4, T13N R97W: Sec. 6 all but SE1/4SW1/4; Sec. 7 E1/2, NE1/4SW1/4, S1/2 of NE1/4, NE1/4SW1/4, Sec. 18 E1/2; Sec. 19 NE1/4NE1/4, NE1/4SE1/4; Sec. 20 NE1/4; Sec. 32 NE1/3; Sec. 33 N2/3; Sec. 34 all but SW1/4SW1/4 & Sec. 1, 2, 3, 4, 5, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 20, 21, 22, 23, 24, 25, 26, 27, 28, 33, 36, T13N R96W: Sec. 3 W1/2; Sec. 10 E1/2; Sec. 15 NW1/4; Sec. 16 S1/2; Sec. 17 all but SE1/4SE1/4; Sec. 20 W½, Sec. 29 W1/3, Sec. 31 all but SW1/4SW1/4; Sec. 32 S5/8 E3/8 & Sec. 4, 5, 6, 7, 8, 9, 18, 19, and 30. T12N R96W: Sec. 5 S1/4; Sec. 6 S1/2; & T12N R97W: Sec. 1 N7/8 W1/4; Sec. 2 N1/3, Sec. 3 NE1/4. All of T15N R96W

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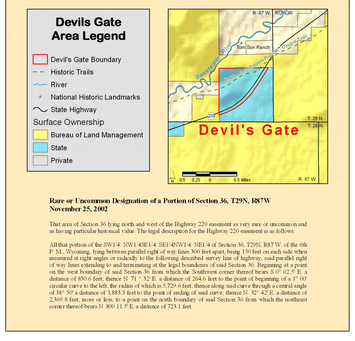

Devils Gate Area Legend

- Devil's Gate Boundary
- Historic Trails
- River
- National Historic Landmarks
- State Highway

Surface Ownership
- Bureau of Land Management
- State
- Private