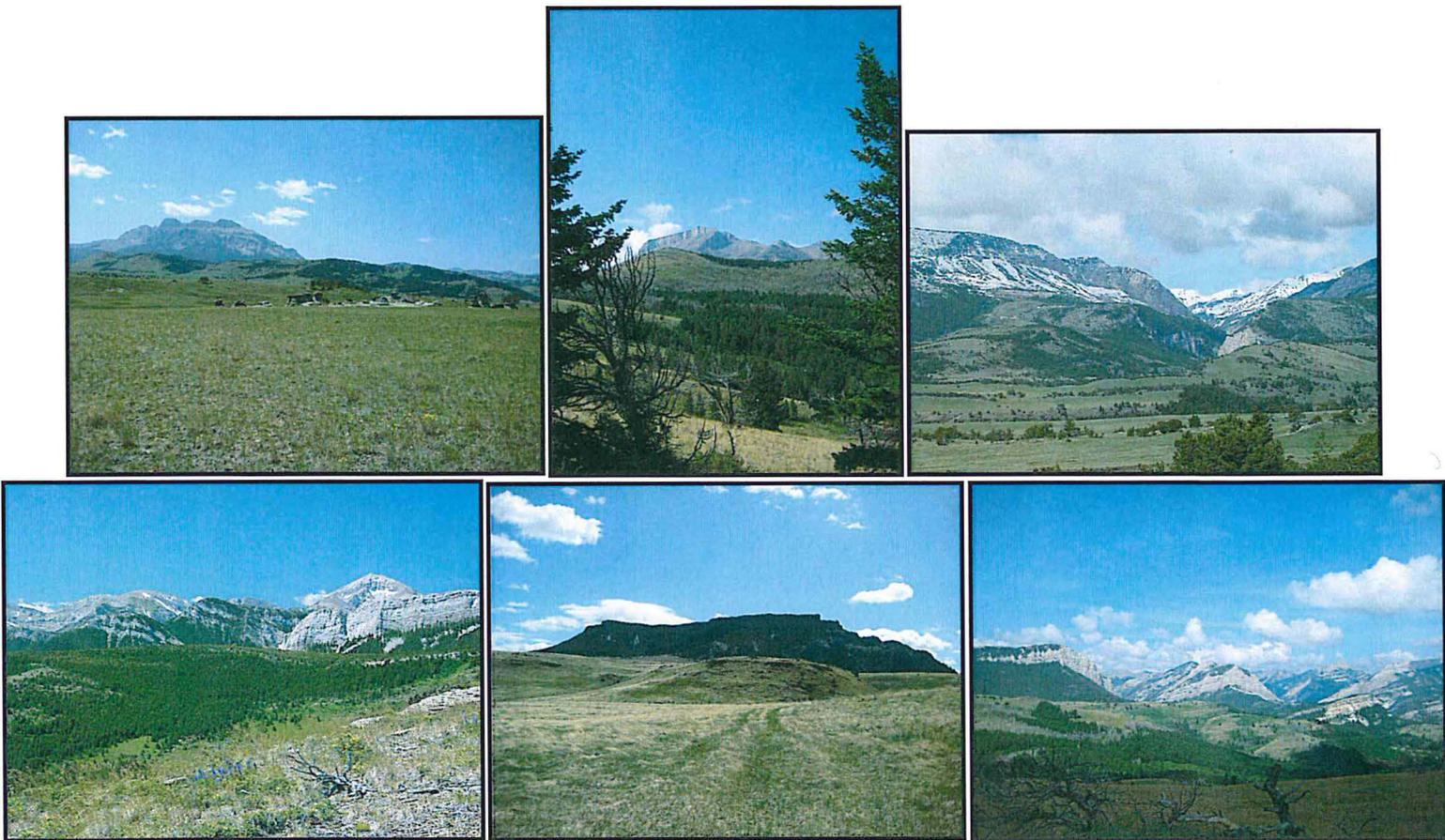




Lewistown Field Office
Resource Management Plan Revision
and Environmental Impact Statement

**AREAS OF CRITICAL ENVIRONMENTAL
CONCERN**

Report on the Application of the Relevance and Importance Criteria



January 2015

**Lewistown Field Office
Resource Management Plan (RMP) Revision
and Environmental Impact Statement (EIS)**

**AREAS OF CRITICAL ENVIRONMENTAL CONCERN
(ACEC)**

**Report on the Application of the Relevance and Importance
Criteria**

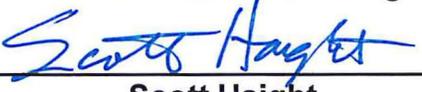
January 2015

Prepared by:

**United States Department of the Interior
Bureau of Land Management
Lewistown Field Office**

Approval: 
**Geoff Beyersdorf
Lewistown Field Manager**

Date: 5/29/2015

Approval: 
**Scott Haight
Butte Field Manager**

Date: 12/09/2015

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ACRONYMS AND ABBREVIATIONS

ACEC	area of critical environmental concern
BLM	United States Department of the Interior, Bureau of Land Management
CFR	Code of Federal Regulations
EIS	environmental impact statement
FLPMA	Federal Land Policy and Management Act
LFO	Lewistown Field Office
NCA	national conservation area
NCDE	Northern Continental Divide Ecosystem
ONA	outstanding natural area
RMP	resource management plan
RNA	research natural area
SRMA	special recreation management area
USC	United States Code
VRI	visual resource inventory
WCT	westslope cutthroat trout

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SUMMARY

As part of the United States Department of the Interior, Bureau of Land Management (BLM), Lewistown Field Office (LFO) Resource Management Plan (RMP) revision and Environmental Impact Statement (EIS), the LFO Interdisciplinary Team analyzed whether proposed areas of critical environmental concern (ACECs) met the relevance and importance criteria. The Interdisciplinary Team analyzed 3 new ACECs (internally proposed), 4 existing ACECs, and 4 existing outstanding natural areas (ONAs) (**Figure 1**, Proposed ACECs) and found that 10 met the relevance and importance criteria, totaling 32,008 acres (**Table 1**, Proposed ACECs Found to Meet the Relevance and Importance Criteria; **Figure 2**, ACECs Recommended for Analysis in the Draft RMP). Note that expansions of existing and proposed ACECs are counted as one ACEC in the above totals. One proposed ACEC, Black Butte, will not be considered for ACEC designation; although it met the relevance criteria, the importance criteria were determined to be more localized.

The areas found to meet both the relevance and importance criteria will be identified as potential ACECs and will be fully considered for designation and management in the RMP (BLM Manual 1613.2.21). For the one area found not to meet the importance criteria, “the management prescriptions which are eventually established in the plan for such areas shall reflect consideration of the identified values.” See **Appendix A** for maps of the areas.

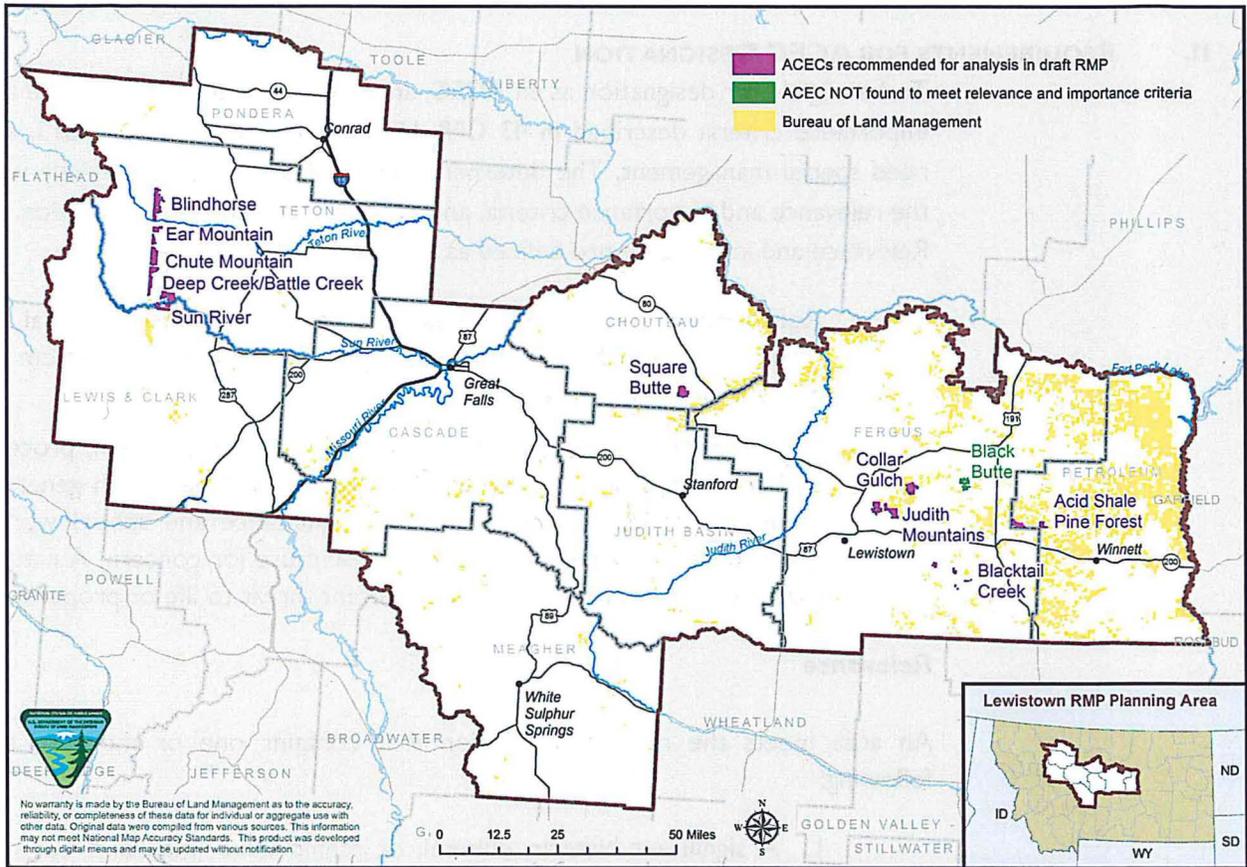
This report was completed in January 2015.

I. INTRODUCTION

As part of the process for developing the Lewistown RMP revision and EIS, the LFO interdisciplinary team reviewed all BLM-managed lands in the planning area to determine whether any areas should be considered for designation as ACECs. The Federal Land Policy and Management Act (FLPMA) requires that priority shall be given to the designation and protection of ACECs. These areas are defined in FLPMA Section 103(a) (43 United States Code [USC] 1702) and in 43 Code of Federal Regulations (CFR) 1601.0-5(a) as “areas within the public lands where special management attention is required (when such areas are developed or used or where no development is required) to protect and prevent irreparable damage to important historic, cultural, or scenic values; fish and wildlife resources or other natural systems or processes; or to protect life and safety from natural hazards.” The following analysis and the resultant findings for ACEC relevance and importance criteria has been performed pursuant to FLPMA Section 202(c)(3) (43 USC 1712), 43 CFR 1610.7-2, and BLM Manual 1613, *Areas of Critical Environmental Concern*.

Figure I Proposed ACECs

Acid Shale-Pine Forest
Blacktail Creek
Black Butte
Blind Horse
Chute Mountain
Collar Gulch
Deep Creek/Battle Creek
Ear Mountain
Judith Mountains Scenic
Square Butte
Sun River



II. REQUIREMENTS FOR ACEC DESIGNATION

To be eligible for designation as an ACEC, an area must meet the relevance and importance criteria described in 43 CFR 1610.7-2 and BLM Manual 1613, and need special management. The determinations in this report deal strictly with the relevance and importance criteria, and not special management attention. Relevance and importance are defined as follows:

Relevance: There shall be present a significant historic, cultural, or scenic value, a fish or wildlife resource or other natural system or process, or natural hazard.

Importance: The above described value, resource, system, process, or hazard shall have substantial significance and value, which generally requires qualities of more than local significance and special worth, consequence, meaning, distinctiveness, or cause for concern. A natural hazard can be important if it is a significant threat to life or property.

Relevance

An area meets the relevance criterion if it contains one or more of the following:

1. A significant historic, cultural, or scenic value (including, but not limited to, rare or sensitive archeological resources and religious or cultural resources important to Native Americans).
2. A fish and wildlife resource (including, but not limited to, habitat for endangered, sensitive, or threatened species or habitat essential for maintaining species diversity).
3. A natural process or system (including, but not limited to, endangered, sensitive, or threatened plant species; rare, endemic, or relic plants or plant communities that are terrestrial, aquatic, or riparian; or rare geological features).
4. Natural hazards (including, but not limited to, areas of avalanche, dangerous flooding, landslides, unstable soils, seismic activity, or dangerous cliffs). A hazard caused by human action might meet the relevance criteria if it is determined through the resource management planning process to have become part of a natural process.

Importance

An area meets the importance criterion if it meets one or more of the following:

Has more than locally significant qualities that give it special worth, consequence, meaning, distinctiveness, or cause for concern, especially compared to any similar resource.

1. Has qualities or circumstances that make it fragile, sensitive, rare, irreplaceable, exemplary, unique, endangered, threatened, or vulnerable to adverse change.
2. Has been recognized as warranting protection to satisfy national priority concerns or to carry out the mandates of FLPMA.
3. Has qualities that warrant highlighting to satisfy public or management concerns about safety and public welfare.
5. Poses a significant threat to human life and safety or to property.

**Table I
Proposed ACECs Found to Meet the
Relevance and Importance Criteria**

ACEC	Acres
Acid Shale-Pine Forest (existing)	2,674
Blacktail Creek (staff proposed)	1,227
Blind Horse (existing)	4,927
Chute Mountain (existing ONA)	3,206
Collar Gulch (existing and staff proposed)	2,707
Deep Creek/Battle Creek (existing ONA)	3,075
Ear Mountain (existing ONA)	1,792
Judith Mountains Scenic (existing and staff proposed)	4,765
Square Butte (existing)	2,754
Sun River (staff proposed)	4,881
Total	32,008

Figure 2 ACECs Recommended for Analysis in the Draft RMP

Acid Shale-Pine Forest
Blacktail Creek
Blind Horse
Chute Mountain
Collar Gulch
Deep Creek/Battle Creek
Ear Mountain
Judith Mountains Scenic
Square Butte
Sun River

III. SPECIAL MANAGEMENT ATTENTION

Special management attention refers to “management prescriptions developed during preparation of an RMP or amendment expressly to protect the important and relevant values of an area from the potential effects of actions permitted by the RMP, including proposed actions deemed to be in conformance with the terms, conditions, and decisions of the RMP.” Thus, these are management measures that would not be necessary and prescribed if the relevant and important values were not present.

A management prescription is considered to be special if it is unique to the area involved and includes terms and conditions specifically to protect the values occurring within the area. The BLM Manual 1613 includes the following guidance on incorporating management prescriptions for potential ACECs into appropriate alternatives:

During the formulation of alternatives, management prescriptions for potential ACECs are fully developed. Management prescriptions will generally vary across the plan alternatives. If there is no controversy or issues raised regarding the management of a potential ACEC, it may not be necessary to develop a range of management alternatives. In other words, management prescriptions may not vary significantly across alternatives. A potential ACEC (or portion thereof) must be shown as recommended for designation in any or all alternatives in the Draft RMP in which special management attention is prescribed to protect the resource or to minimize hazard to human life and safety. Because special management attention must be prescribed in at least one plan alternative, each potential ACEC will appear as a recommended ACEC in at least one plan alternative. Designation is based on whether or not a potential ACEC requires special management attention in the selected plan alternative (i.e., preferred alternative).

IV. EVALUATION PROCESS

In compiling a list of areas to be analyzed in this report, the BLM Interdisciplinary Team followed the guidance set forth in BLM Manual 1613 and considered:

1. Existing ACECs;
2. Areas recommended for ACEC consideration (internal and external nominations);
3. Areas identified through inventory and monitoring; and
4. Adjacent designations of other federal and state agencies.

Proposed ACECs may be nominated by BLM staff, other agencies, or members of the public at any time. During the RMP revision scoping process, the LFO solicited nominations and comments from the public and other agencies. A map

of special designation areas was displayed at the scoping meetings and made available on the RMP website at <http://www.blm.gov/ngld>.

The BLM staff reviewed information from BLM inventories; the Montana Natural Heritage Program (MNHP), United States Fish and Wildlife Service (FWS), and the Montana Fish, Wildlife and Parks (MFWP) species of concern data; and other reports to ensure that all potentially relevant and important values within the planning area were considered.

Maps of the 11 proposed ACECs are included in **Appendix A**. One proposed ACEC, Black Butte, will not be considered for designation. The remaining 10 ACECs recommended for analysis were found to meet the relevance and importance criteria. The size and management prescriptions for each ACEC may vary by alternative to reflect a balance between the goals and objectives of the alternative and values being protected (BLM Manual 1613.2.22.B.1-2). **Table 2**, Relevance and Importance Criteria Evaluation for Existing and Proposed ACECs, summarizes the proposed ACECs evaluated, the values assessed, and whether the criteria were met (including supporting information).

Table 2
Relevance and Importance Criteria Evaluation for Existing and Proposed ACECs

Name of ACEC Existing or Proposed	Values Assessed	Relevance Criteria <i>see Section II for Relevance Criterion</i>	Importance Criteria <i>see Section II for Importance Criterion</i>	Carried Forward for Analysis?	Comments	1984 (Headwaters) or 1994 (Judith) RMP Acres	Proposed Acres ¹ includes acres from 1984 or 1994 RMPs	Acres Carried Forward ¹
Acid Shale-Pine Forest Existing	Plant Communities	3	1 and 2	Yes	Area contains a rare and endemic plant community. It is comprised of Volberg (Dilts) soils which give rise to a unique flora characterized by ponderosa pine, horizontal juniper, sun sedge, and prairie sandreed. Briggs Coulee and War Horse contain the largest, best developed and most diverse example of acid shale pines on BLM lands.	2,463 (Briggs Coulee – 1,646 acres and War Horse – 817 acres)	2,674	2,674
	Soils	3	1 and 2					
Black Butte	Cultural	1	1	No	Black Butte was the site of the first of seven visions of Bull Lodge, a Gros Ventre spiritual leader. It is a prominent historic landmark for the local communities in Central Montana and serves as a visual backdrop on the Montana landscape. It has a VRI rating of Class II. The area contains stone circles associated with a perennial spring. The documented	0	1,917	0
	Historic	1	2					

Table 2
Relevance and Importance Criteria Evaluation for Existing and Proposed ACECs

Name of ACEC Existing or Proposed	Values Assessed	Relevance Criteria <i>see Section II for Relevance Criterion</i>	Importance Criteria <i>see Section II for Importance Criterion</i>	Carried Forward for Analysis?	Comments	1984 (Headwaters) or 1994 (Judith) RMP Acres	Proposed Acres ¹ includes acres from 1984 or 1994 RMPs	Acres Carried Forward ¹
					Black Butte properties remain in nearly-pristine condition and most retain archaeological integrity. Although the area meets the Relevance criterion, the Importance criterion is more localized; consequently, Black Butte should not be considered an ACEC.			
Blacktail Creek New - Staff Proposed	Paleontology	3	1 and 3	Yes	The Bear Gulch Limestone of the Heath Formation exhibits extraordinary fossils with exceptional preservation in this area. Approximately 130 species of fish, arthropods, sponges, starfish, conulariids, worms, and other soft-bodied organisms, and shells of brachiopods, bryozoans, and molluscs have been found here.	0	1,227	1,227

Table 2
Relevance and Importance Criteria Evaluation for Existing and Proposed ACECs

Name of ACEC Existing or Proposed	Values Assessed	Relevance Criteria <i>see Section II for Relevance Criterion</i>	Importance Criteria <i>see Section II for Importance Criterion</i>	Carried Forward for Analysis?	Comments	1984 (Headwaters) or 1994 (Judith) RMP Acres	Proposed Acres ¹ includes acres from 1984 or 1994 RMPs	Acres Carried Forward ¹
Blind Horse Existing	Scenic	1	2	Yes	The area is a unified, geologic, and ecosystem area where the eastern slopes of the Rocky Mountains meet the plains, known as the Rocky Mountain Front. It is an important geologic feature that affects the weather in North America. It has a high wilderness quality and the scenic rating is a high A due to steep, mountainous terrain, major limestone outcrops, cliffs, various water sources, and mixed vegetation with minimal cultural modifications. Blind Horse is currently designated as an ONA to protect the wildlife habitat, scenery, and other surface resources from disturbance. It is also managed to maintain visual resource inventory (VRI) Class I guidelines to retain the existing character of the	4,927	4,927	4,927
	Geologic Features	1 and 3	1 and 2					
	Wildlife	2	1					

Table 2
Relevance and Importance Criteria Evaluation for Existing and Proposed ACECs

Name of ACEC Existing or Proposed	Values Assessed	Relevance Criteria <i>see Section II for Relevance Criterion</i>	Importance Criteria <i>see Section II for Importance Criterion</i>	Carried Forward for Analysis?	Comments	1984 (Headwaters) or 1994 (Judith) RMP Acres	Proposed Acres ¹ includes acres from 1984 or 1994 RMPs	Acres Carried Forward ¹
Chute Mountain Existing	Scenic	1	2	Yes	<p>landscape. It is within the Northern Continental Divide Ecosystem (NCDE) Grizzly Bear Recovery Zone. Other wildlife species inhabiting the area include: elk, bighorn sheep, lynx, mountain lion, raptors and upland birds.</p> <p>The area is a unified, geologic, and ecosystem area where the eastern slopes of the Rocky Mountains meet the plains, known as the Rocky Mountain Front. It is an important geologic feature that affects the weather in North America. It has a high wilderness quality and the scenic rating is a high A due to steep, mountainous terrain, major limestone outcrops, cliffs, various water sources, and mixed vegetation with minimal cultural modifications. Blind Horse is currently designated</p>	3,205	3,206	3,206
	Geologic Features	1 and 3	1 and 2					
	Wildlife	2	1					

Table 2
Relevance and Importance Criteria Evaluation for Existing and Proposed ACECs

Name of ACEC Existing or Proposed	Values Assessed	Relevance Criteria <i>see Section II for Relevance Criterion</i>	Importance Criteria <i>see Section II for Importance Criterion</i>	Carried Forward for Analysis?	Comments	1984 (Headwaters) or 1994 (Judith) RMP Acres	Proposed Acres ¹ includes acres from 1984 or 1994 RMPs	Acres Carried Forward ¹
					as an ONA to protect the wildlife habitat, scenery, and other surface resources from disturbance. It is also managed to maintain visual resource inventory (VRI) Class I guidelines to retain the existing character of the landscape. It is also within the Northern Continental Divide Ecosystem (NCDE) Grizzly Bear Recovery Zone. Other wildlife species inhabiting the area include: elk, bighorn sheep, lynx, mountain lion, raptors and upland birds.			
Collar Gulch Existing/Proposed Expansion	Fisheries (westslope cutthroat trout)	2	1 and 2	Yes	Collar Gulch is mountain stream habitat which contains a genetically pure strain of westslope cutthroat trout (WCT), a BLM sensitive species. Also included in the ACEC is the Tate-Poetter Cave which	1,618	2,707	2,707
	Wildlife (Townsend's big-eared bats)	2	2					
	Geologic Features (cave)	2 and 3	2					

Table 2
Relevance and Importance Criteria Evaluation for Existing and Proposed ACECs

Name of ACEC Existing or Proposed	Values Assessed	Relevance Criteria <i>see Section II for Relevance Criterion</i>	Importance Criteria <i>see Section II for Importance Criterion</i>	Carried Forward for Analysis?	Comments	1984 (Headwaters) or 1994 (Judith) RMP Acres	Proposed Acres ¹ includes acres from 1984 or 1994 RMPs	Acres Carried Forward ¹
					<p>possesses significant biologic, geologic, educational/scientific, and recreational cave resources. The cave contains a winter bat hibernaculum for Townsend's big-eared bats, a BLM sensitive species. Expansion of the area is recommended to include the remaining lands within the Collar Gulch Watershed as well as the Chicago Gulch Watershed since this area is being considered for introduction of another population of WCT.</p>			
Deep Creek/Battle Creek Existing	Scenic Geologic Features Wildlife	1 1 and 3 2	2 1 and 2 1	Yes	The area is a unified, geologic, and ecosystem area where the eastern slopes of the Rocky Mountains meet the plains, known as the Rocky Mountain Front. It is an important geologic feature	3,086	3,075	3,075

Table 2
Relevance and Importance Criteria Evaluation for Existing and Proposed ACECs

Name of ACEC Existing or Proposed	Values Assessed	Relevance Criteria <i>see Section II for Relevance Criterion</i>	Importance Criteria <i>see Section II for Importance Criterion</i>	Carried Forward for Analysis?	Comments	1984 (Headwaters) or 1994 (Judith) RMP Acres	Proposed Acres ¹ includes acres from 1984 or 1994 RMPs	Acres Carried Forward ¹
					<p>that affects the weather in North America. It has a high wilderness quality and the scenic rating is a high A due to steep, mountainous terrain, major limestone outcrops, cliffs, various water sources, and mixed vegetation with minimal cultural modifications. Blind Horse is currently designated as an ONA to protect the wildlife habitat, scenery, and other surface resources from disturbance. It is also managed to maintain visual resource inventory (VRI) Class I guidelines to retain the existing character of the landscape. It is also within the Northern Continental Divide Ecosystem (NCDE) Grizzly Bear Recovery Zone. Other wildlife species inhabiting the area include: elk, bighorn sheep, lynx,</p>			

Table 2
Relevance and Importance Criteria Evaluation for Existing and Proposed ACECs

Name of ACEC Existing or Proposed	Values Assessed	Relevance Criteria <i>see Section II for Relevance Criterion</i>	Importance Criteria <i>see Section II for Importance Criterion</i>	Carried Forward for Analysis?	Comments	1984 (Headwaters) or 1994 (Judith) RMP Acres	Proposed Acres ¹ includes acres from 1984 or 1994 RMPs	Acres Carried Forward ¹
					mountain lion, raptors and upland birds.			
Ear Mountain Existing	Scenic	1	2	Yes	The area is a unified, geologic, and ecosystem area where the eastern slopes of the Rocky Mountains meet the plains, known as the Rocky Mountain Front. It is an important geologic feature that affects the weather in North America. It has a high wilderness quality and the scenic rating is a high A due to steep, mountainous terrain, major limestone outcrops, cliffs, various water sources, and mixed vegetation with minimal cultural modifications. Ear Mountain is currently designated as an ONA to protect the wildlife habitat, scenery, and other surface resources from disturbance. It is also managed to maintain visual resource inventory	1,869	1,792	1,792
	Geologic Features	1 and 3	1 and 2					
	Wildlife	2	1					

Table 2
Relevance and Importance Criteria Evaluation for Existing and Proposed ACECs

Name of ACEC Existing or Proposed	Values Assessed	Relevance Criteria <i>see Section II for Relevance Criterion</i>	Importance Criteria <i>see Section II for Importance Criterion</i>	Carried Forward for Analysis?	Comments	1984 (Headwaters) or 1994 (Judith) RMP Acres	Proposed Acres ¹ includes acres from 1984 or 1994 RMPs	Acres Carried Forward ¹
					(VRI) Class I guidelines to retain the existing character of the landscape. It is also within the Northern Continental Divide Ecosystem (NCDE) Grizzly Bear Recovery Zone. Other wildlife species inhabiting the area include: elk, bighorn sheep, lynx, mountain lion, raptors and upland birds.			
Judith Mountains Scenic Existing/Proposed Expansion	Scenic Geologic Features (cave)	1 2	1 and 2 2	Yes	The Judith Mountains Scenic area contains regionally-significant scenic values. It has a Scenic Quality rating of Class B, a High Sensitivity Level Rating, and a VRI rating of Class II. It is one of the few forested mountain islands in the Great Plains Physiographic Region. This area was designated as an ACEC in the 1994 Judith Resource Area RMP; however, an additional area,	3,702	4,765* * Expansion of Judith Mountains Scenic ACEC proposed to include Crystal Cave	4,765

Table 2
Relevance and Importance Criteria Evaluation for Existing and Proposed ACECs

Name of ACEC Existing or Proposed	Values Assessed	Relevance Criteria <i>see Section II for Relevance Criterion</i>	Importance Criteria <i>see Section II for Importance Criterion</i>	Carried Forward for Analysis?	Comments	1984 (Headwaters) or 1994 (Judith) RMP Acres	Proposed Acres ¹ includes acres from 1984 or 1994 RMPs	Acres Carried Forward ¹
					which includes the Crystal Cave, also meets the relevance and importance criteria for protection as an ACEC.			
Square Butte Existing	Cultural	1	1, 2, and 3	Yes	The documented Square Butte properties retain artifacts diagnostic of human occupations spanning at least 9,000 years of prehistory. Its cultural properties are in nearly-pristine condition and most retain archaeological integrity. Nearly all prehistoric site types common to Central Montana, including habitations, industrial sites, and ritual properties, are represented at Square Butte. It is exceptionally rare for an area of its size to retain such a large number, density, and diversity of cultural properties. It also is home to a mountain goat population	1,947	2,754	2,754
	Geologic Features	3	1 and 2					
	Scenic	1	3					
	Wildlife	2	1					

Table 2
Relevance and Importance Criteria Evaluation for Existing and Proposed ACECs

Name of ACEC Existing or Proposed	Values Assessed	Relevance Criteria <i>see Section II for Relevance Criterion</i>	Importance Criteria <i>see Section II for Importance Criterion</i>	Carried Forward for Analysis?	Comments	1984 (Headwaters) or 1994 (Judith) RMP Acres	Proposed Acres ¹ includes acres from 1984 or 1994 RMPs	Acres Carried Forward ¹
Sun River	Scenic	1	1, 2, and 3	Yes	<p>that was first transplanted from the Gates of the Mountains area in 1943. Square Butte contains rare geologic features. The butte is a prominent historic landmark. It possesses high scenic qualities and has been given a VRI rating of Class I, a designation that only 2 percent of the planning area has achieved.</p> <p>The area provides the foreground setting against which the Rocky Mountain Front sharply rises to the west. It is the only consolidated, public land portion of the mixed-grass prairie portion of the prairie/mountain interface. The BLM's 2014 VRI assigned it a scenic quality rating of 'A' which is attributed to the magnitude and diversity of landforms. The area is</p>	0	4,881	4,881
<i>New – Staff</i>	Cultural	1	1, 2, and 3					
<i>Proposed</i>	Paleontology	1	3					
	Wildlife	2						

Table 2
Relevance and Importance Criteria Evaluation for Existing and Proposed ACECs

Name of ACEC Existing or Proposed	Values Assessed	Relevance Criteria <i>see Section II for Relevance Criterion</i>	Importance Criteria <i>see Section II for Importance Criterion</i>	Carried Forward for Analysis?	Comments	1984 (Headwaters) or 1994 (Judith) RMP Acres	Proposed Acres ¹ includes acres from 1984 or 1994 RMPs	Acres Carried Forward ¹
					<p>predominantly in VRI Class III with some portions in Class II. The unit includes numerous special areas and is used for a wide variety of purposes. The region has cultural significance due to preservation of a high number of known paleontology localities that include plants, invertebrates, crocodiles, and dinosaur body fossils, eggs, and track. Past cultural resource inventory of the Sun River drainage has revealed stone circles, rock cairns, and alignments scattered across the landscape. The area is part of the Blackfeet aboriginal homelands. The Sun River area is located within the Priority Conservation Area in the NCDE Draft Grizzly Bear Conservation Strategy where</p>			

Table 2
Relevance and Importance Criteria Evaluation for Existing and Proposed ACECs

Name of ACEC Existing or Proposed	Values Assessed	Relevance Criteria <i>see Section II for Relevance Criterion</i>	Importance Criteria <i>see Section II for Importance Criterion</i>	Carried Forward for Analysis?	Comments	1984 (Headwaters) or 1994 (Judith) RMP Acres	Proposed Acres ¹ includes acres from 1984 or 1994 RMPs	Acres Carried Forward ¹
					the most conservative habitat protections would apply. This portion of the Sun River contains a substantial sport trout fishery, in addition to the presence of fluvial arctic grayling that were re-introduced in the Sun River headwaters.			

V. LIST OF PREPARERS

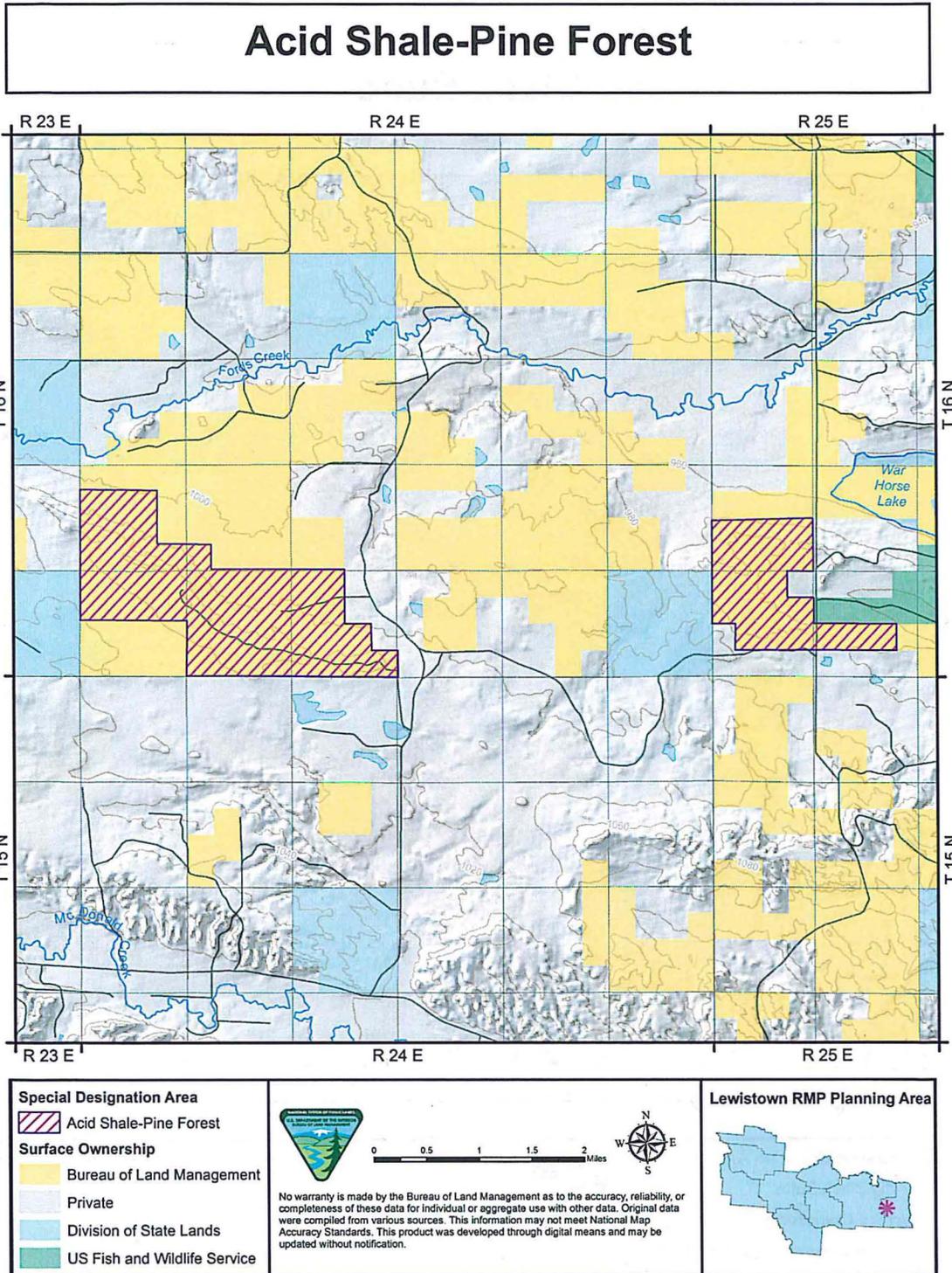
Table 3
List of Preparers

Name	Role/Responsibility
<i>Bureau of Land Management – Lewistown Field Office</i>	
Geoff Beyersdorf	Field Manager
Dan Brunkhorst	RMP/EIS Project Manager
Kelly McGill	Outdoor Recreation Planner
Chad Krause	Hydrologist
Matt Comer	Wildlife Biologist
Monica Ketcham	Fisheries Biologist
Chris Rye	Geologist
Greg Liggett	Paleontologist
Zane Fulbright	Archaeologist
Robert Thompson	Rangeland Management Specialist
Rich Byron	Forester
Wendy Velman	Physical Scientist
Karly DeMars	Fire Management Specialist
Deb Tucek	Realty Specialist
Steve Smith	Weed Coordinator
Hilary Rigby/Eva Karau	GIS Specialist
Betty Westburg	Technical Writer/Editor
<i>Contractor – Environmental Management and Planning Solutions, Inc.</i>	
Chad Ricklefs	Project Management
Kate Krebs	Project Management
Marcia Rickey	GIS Specialist

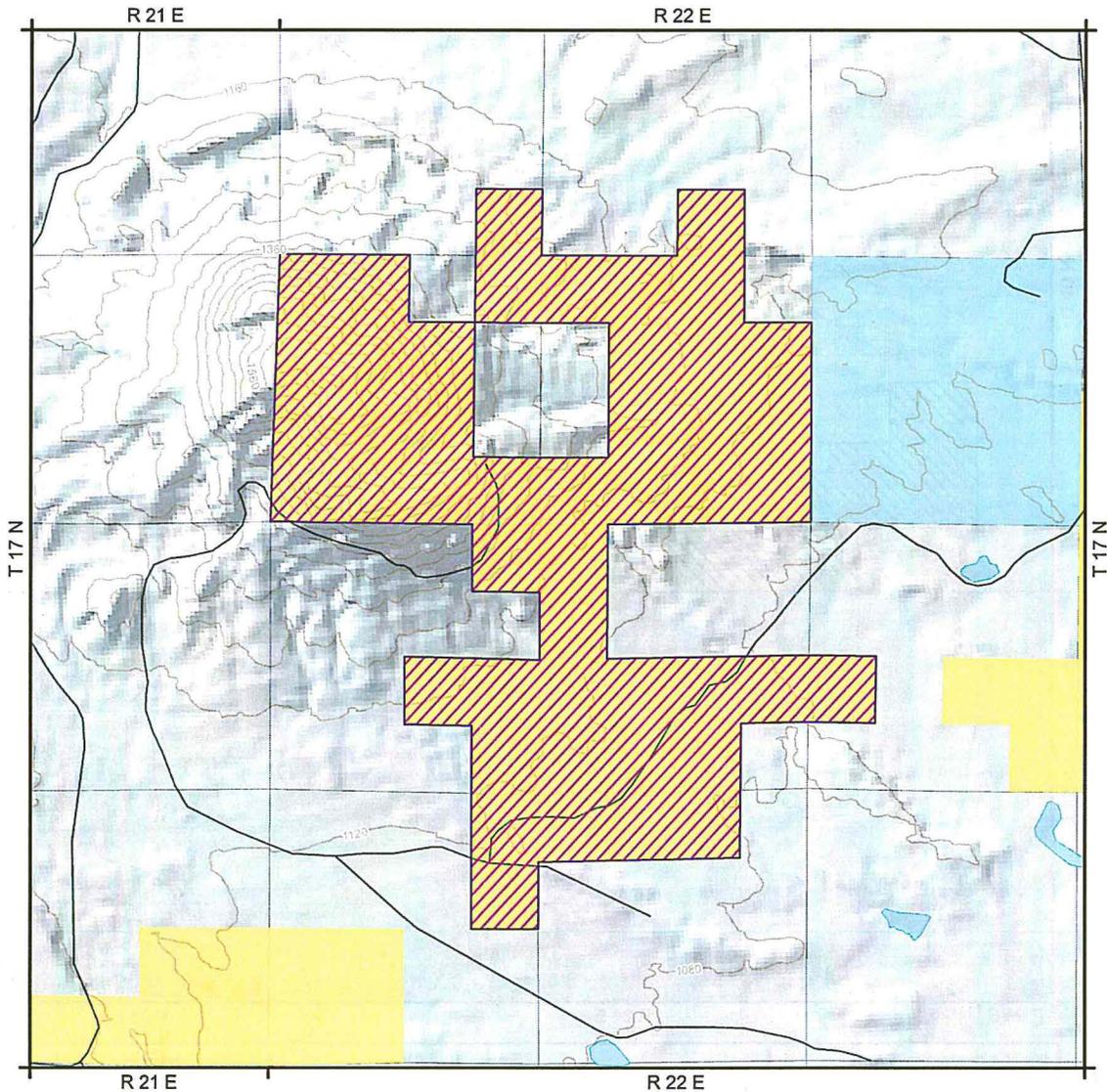
Appendix A

Maps

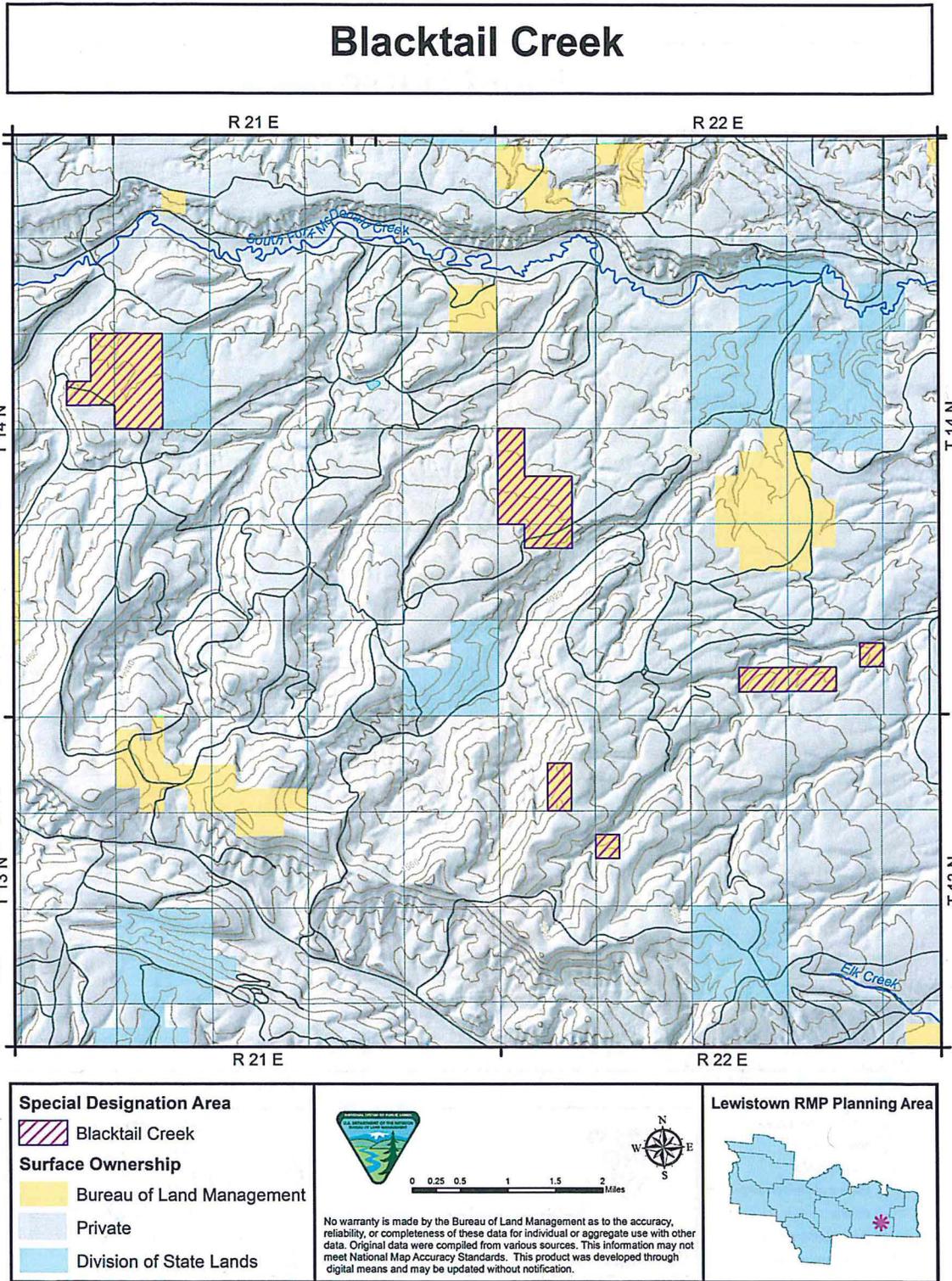
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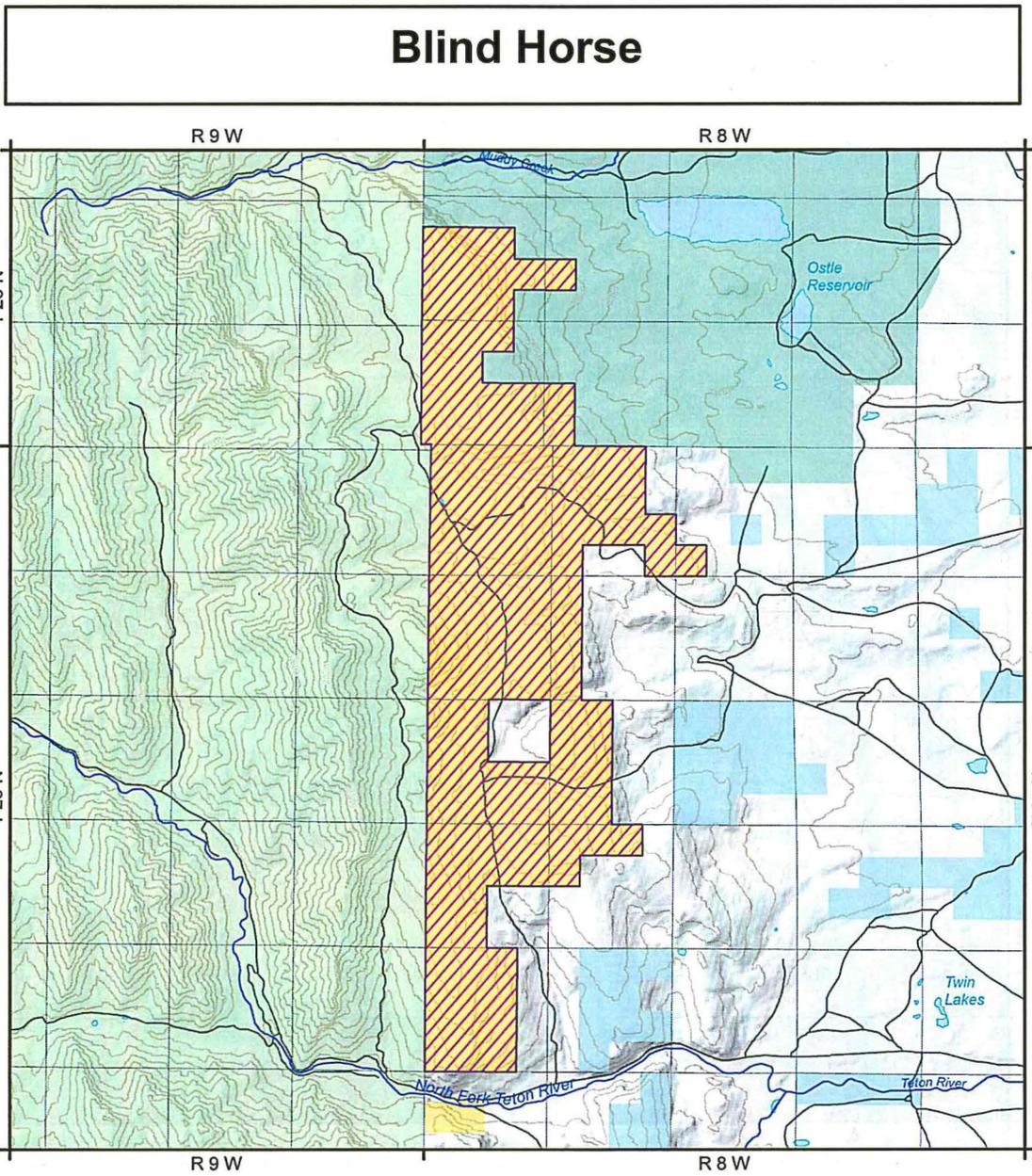


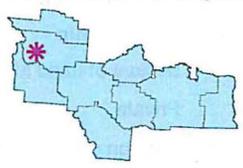
Black Butte



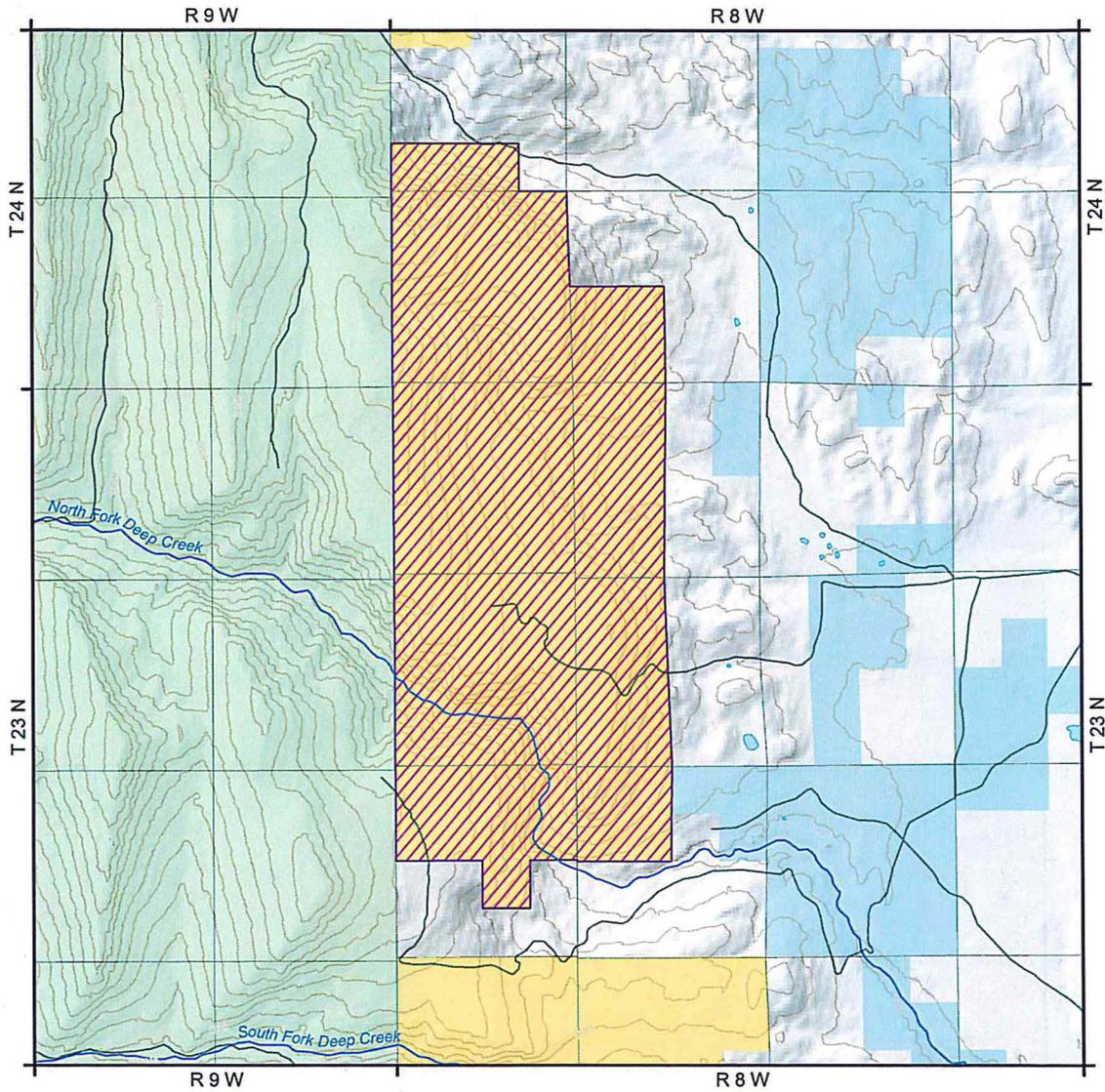
<p>Special Designation Area</p> <p> Black Butte</p> <p>Surface Ownership</p> <p> Bureau of Land Management</p> <p> Private</p> <p> Division of State Lands</p>	 	<p>Lewistown RMP Planning Area</p>
<p>No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed through digital means and may be updated without notification.</p>		





<p>Special Designation Area</p> <p> Blind Horse</p> <p>Surface Ownership</p> <p> Bureau of Land Management</p> <p> Private</p> <p> Division of State Lands</p> <p> State Fish and Wildlife</p> <p> US Forest Service</p>	   <p>No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed through digital means and may be updated without notification.</p>	<p>Lewistown RMP Planning Area</p> 
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Chute Mountain



Special Designation Area

- Chute Mountain

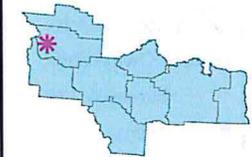
Surface Ownership

- Bureau of Land Management
- Private
- Division of State Lands
- US Forest Service

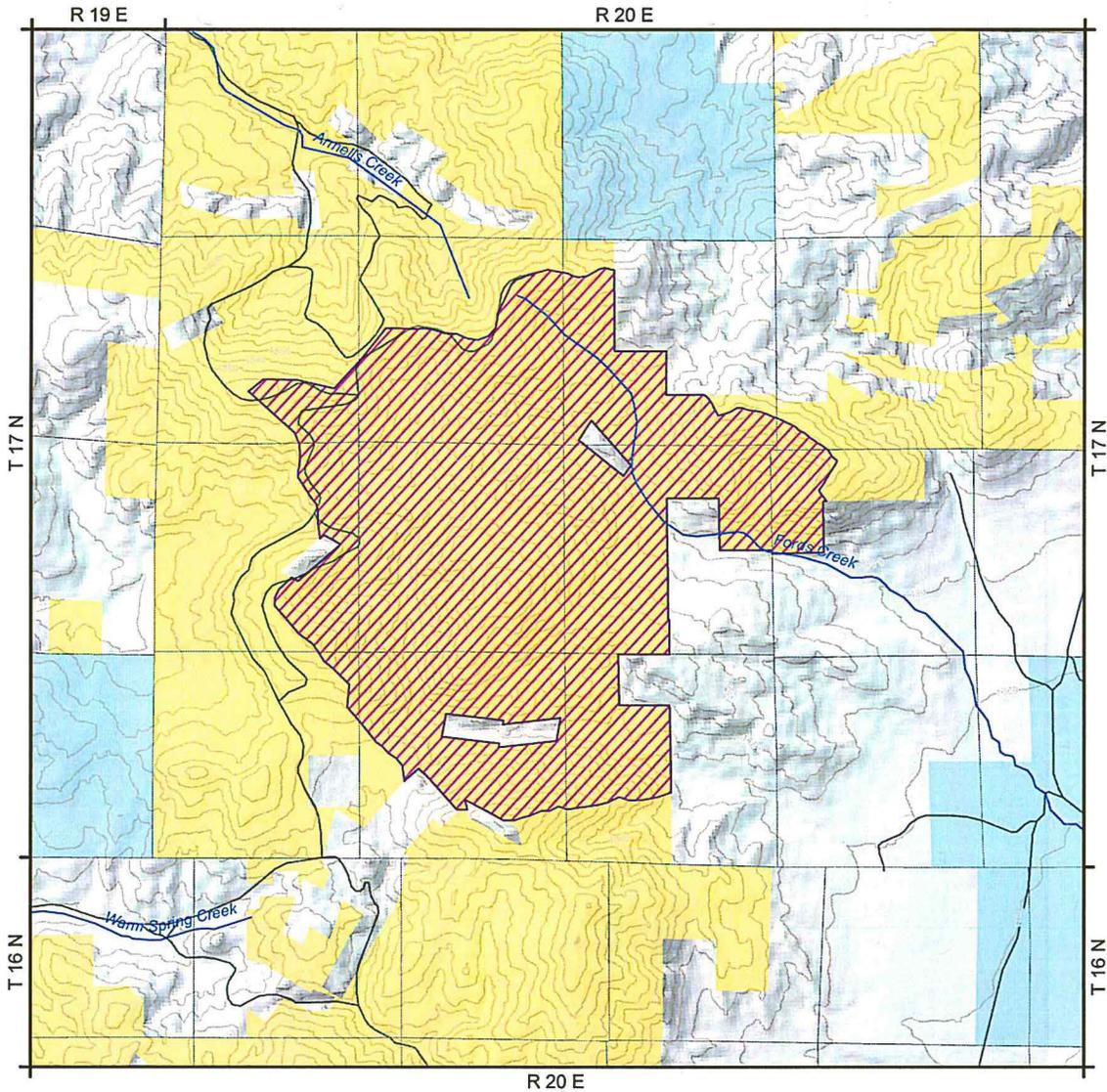


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Lewistown RMP Planning Area



Collar Gulch



Special Designation Area

- Collar Gulch

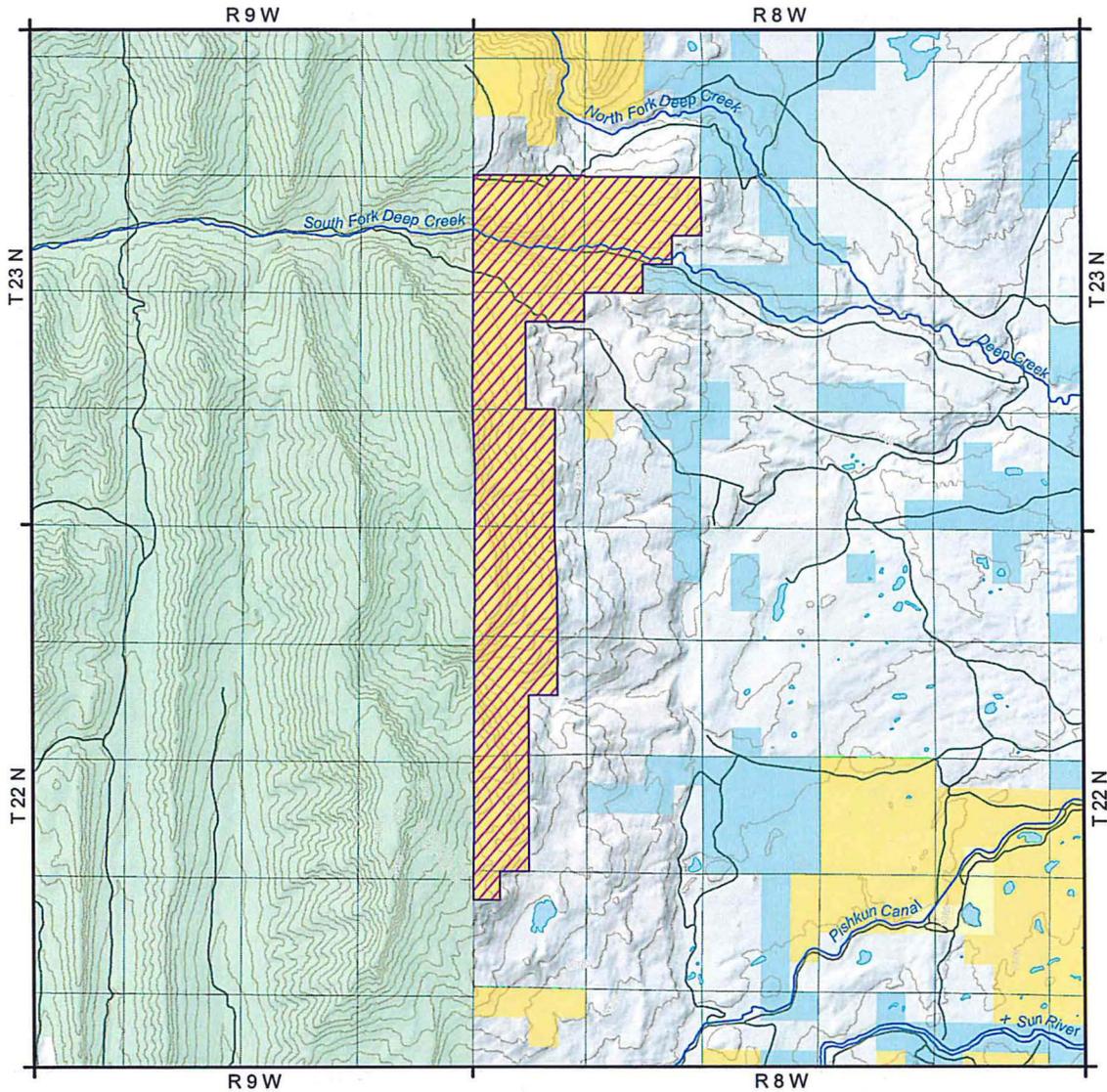
Surface Ownership

- Bureau of Land Management
- Private
- Division of State Lands

No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed through digital means and may be updated without notification.

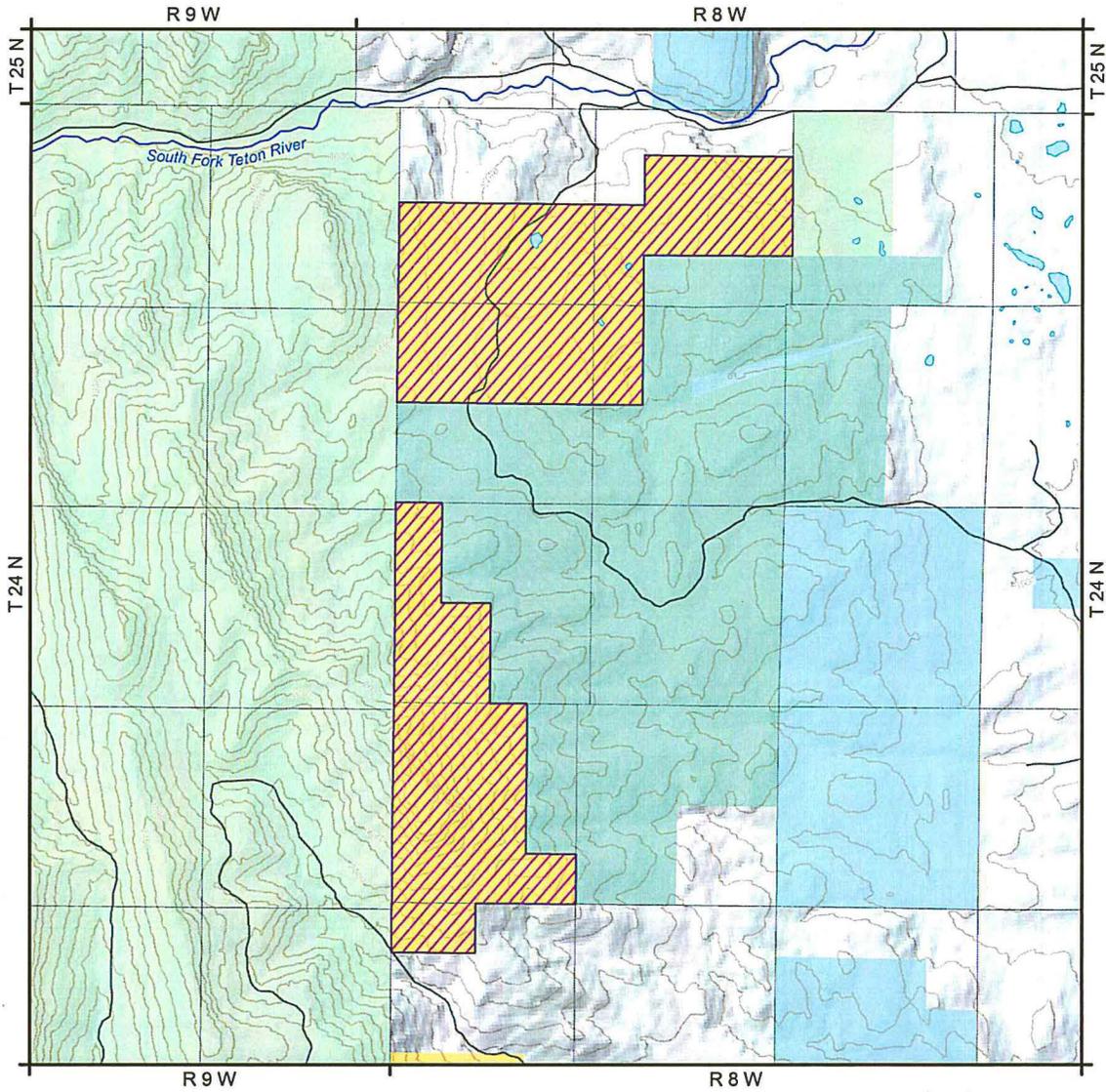
Lewistown RMP Planning Area

Deep Creek/Battle Creek



<p>Special Designation Area</p> <p> Deep Creek/Battle Creek</p> <p>Surface Ownership</p> <p> Bureau of Land Management</p> <p> Bureau of Reclamation</p> <p> Private</p> <p> Division of State Lands</p> <p> US Forest Service</p>	 	<p>Lewistown RMP Planning Area</p>
<p>No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed through digital means and may be updated without notification.</p>		

Ear Mountain



Special Designation Area
 Ear Mountain

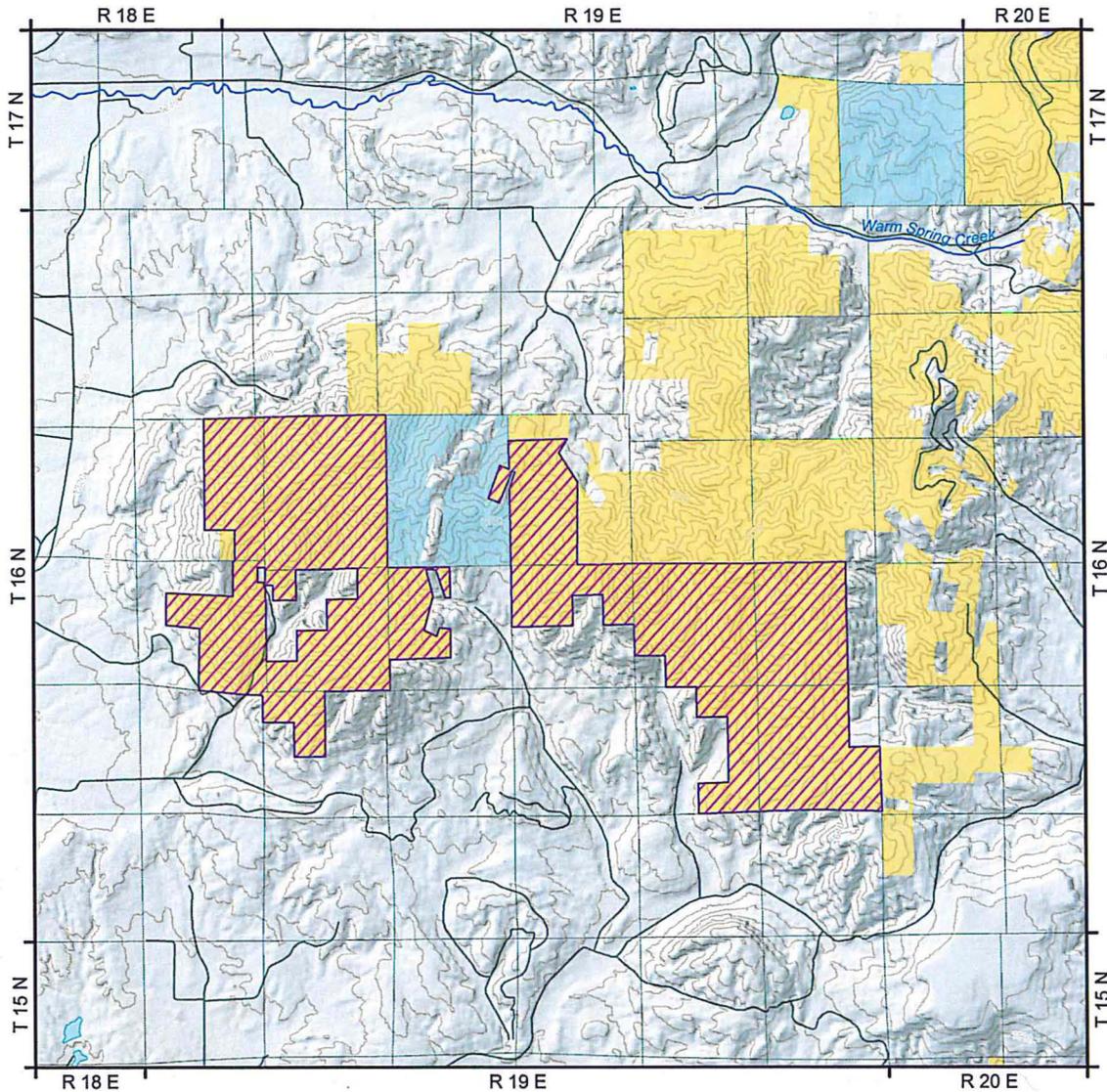
Surface Ownership

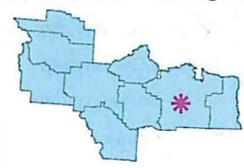
- Bureau of Land Management
- Private
- Division of State Lands
- State Fish and Wildlife
- US Forest Service

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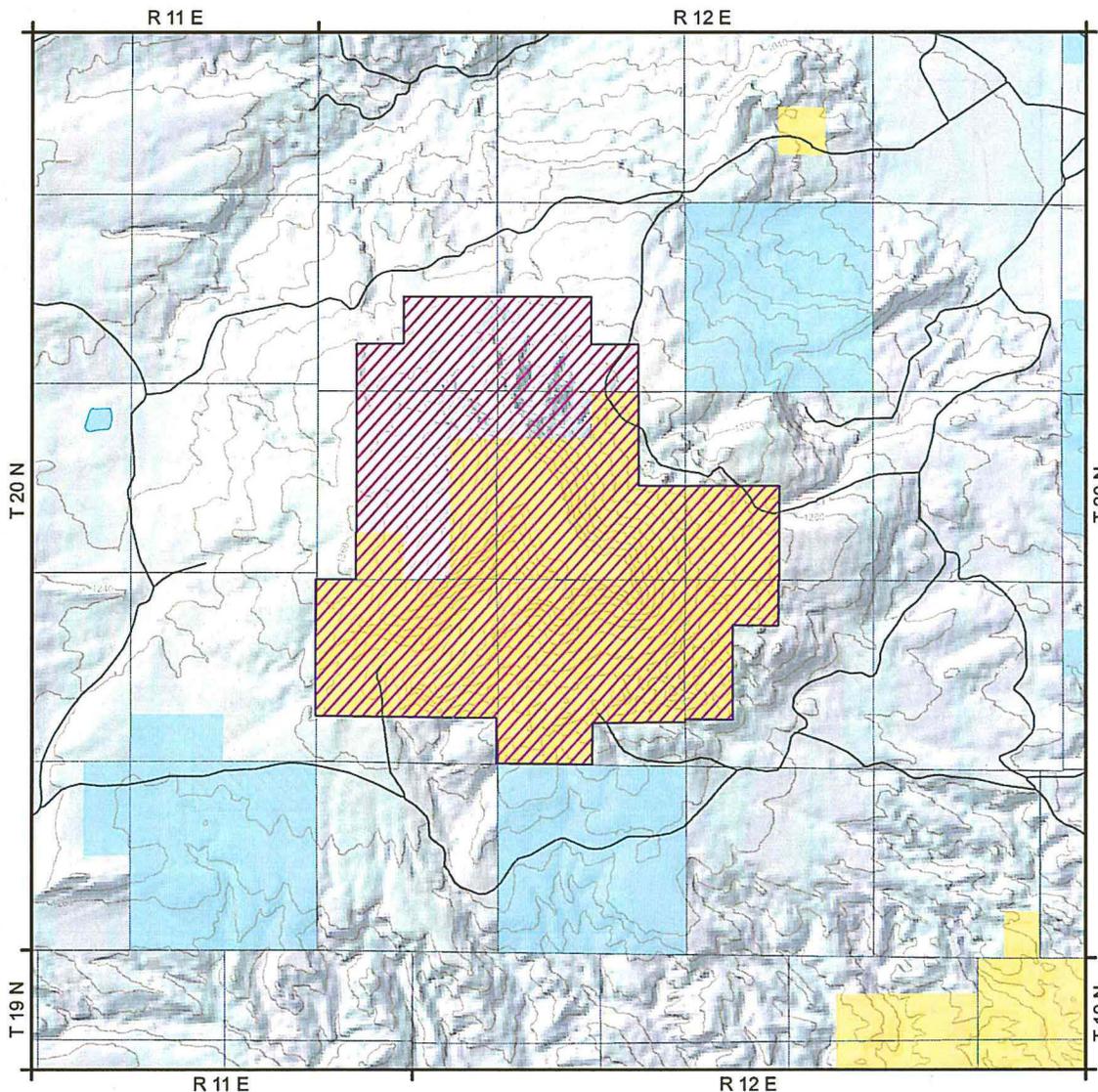
Lewistown RMP Planning Area

Judith Mountains



<p>Special Designation Area</p> <p> Judith Mountains</p> <p>Surface Ownership</p> <p> Bureau of Land Management</p> <p> Private</p> <p> Division of State Lands</p>	   <p>No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed through digital means and may be updated without notification.</p>	<p>Lewistown RMP Planning Area</p> 
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Square Butte



Special Designation Area

Square Butte

Surface Ownership

Bureau of Land Management

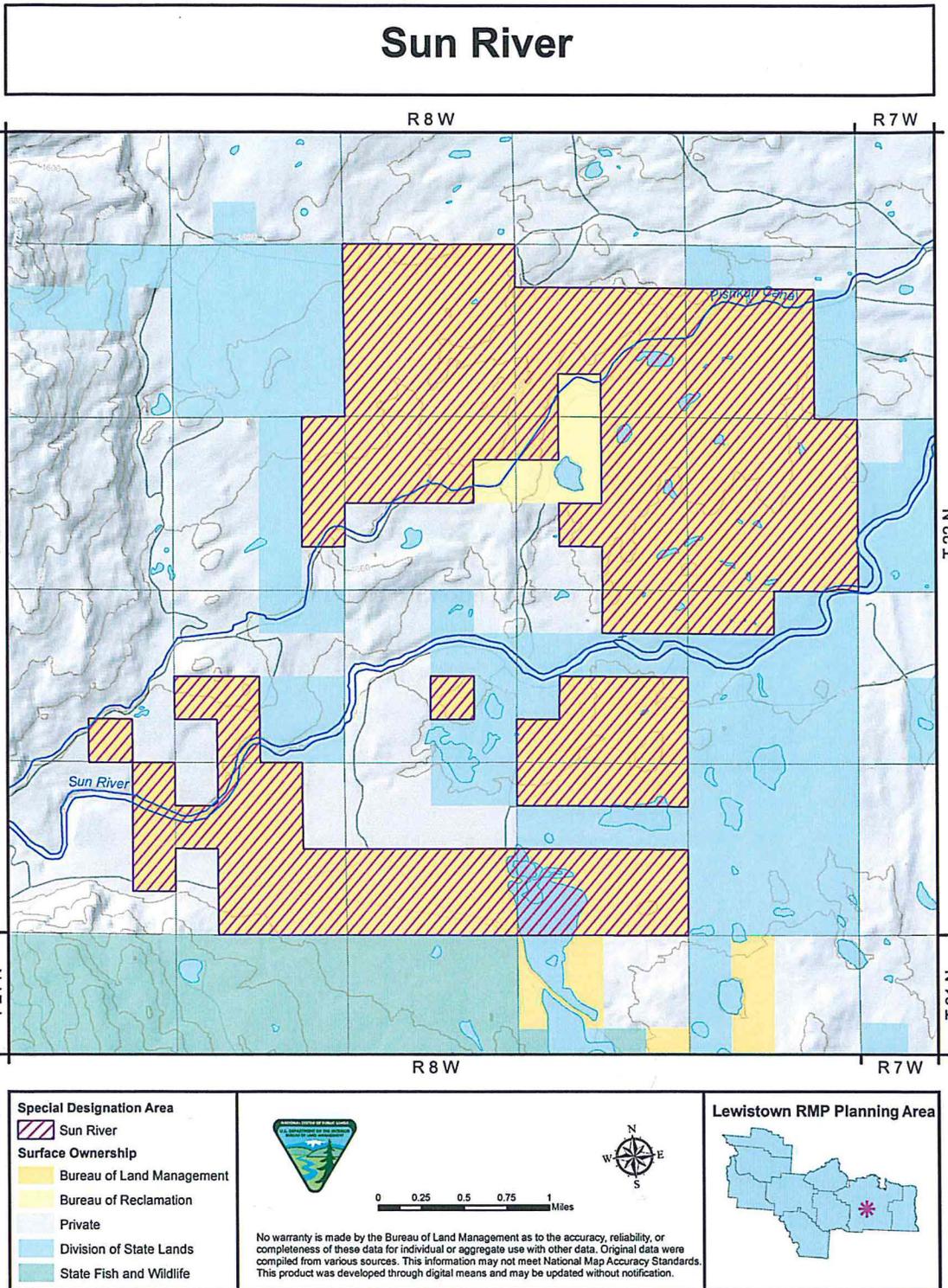
Private

Division of State Lands

0 0.25 0.5 0.75 1 Miles

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