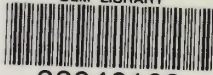


BLM LIBRARY



88046163

**ENVIRONMENTAL ASSESSMENT RECORD
FOR THE**

***LIEU
SELECTION AREAS
IN
IDAHO***



U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



HD
243
.12
I334
1978

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
IDAHO STATE OFFICE

Bureau of Land Management
Library
Denver Service Center

BLM LIBRARY
RS 150A BLDG. 50
DENVER FEDERAL CENTER
P.O. BOX 25047
DENVER, CO 80225

ID88046163

LIEU

~~.74~~

~~EAR~~

HD

243

.I2

F334

1978

STATE LIEU SELECTION EAR

BLM LIBRARY
RS 150A BLDG. 50
DENVER FEDERAL CENTER
P.O. BOX 25047
DENVER, CO 80225

TABLE OF CONTENTS

Introduction 1

Proposed Action and Alternatives 1-4

Description of the Existing Environment 4-13

Analysis of the Proposed Action and Alternatives 14-22

Mitigating Measures 22

Residual Impacts 22

Irreversible and Irrecoverable Commitment of Resources 22

Persons, Groups and Government Agencies Consulted 23

Intensity of Public Interest 23

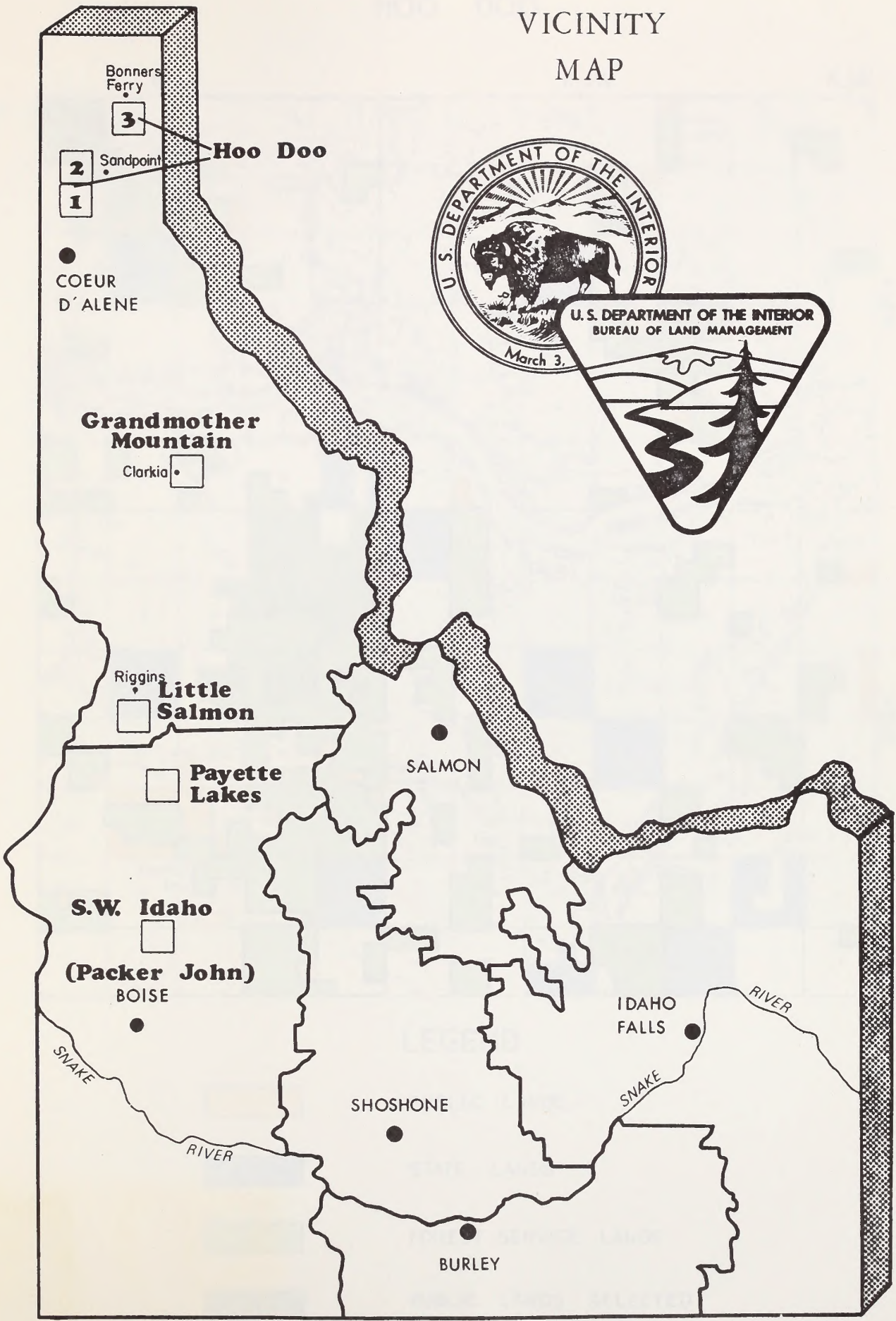
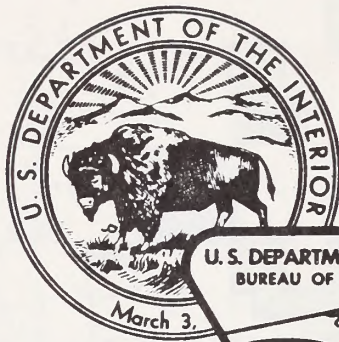
Participating Staff 23-24

References 25-26

Appendices

- Appendix A
- Appendix B
- Appendix C
- Appendix D
- Appendix E

VICINITY MAP



Bonnors Ferry

3

2 Sandpoint

1

Hoo Doo

COEUR
D'ALENE

Grandmother
Mountain

Clarkia

Riggins
Little
Salmon

Payette
Lakes

S.W. Idaho
(Packer John)
BOISE

SALMON

SHOSHONE

BURLEY

IDAHO
FALLS

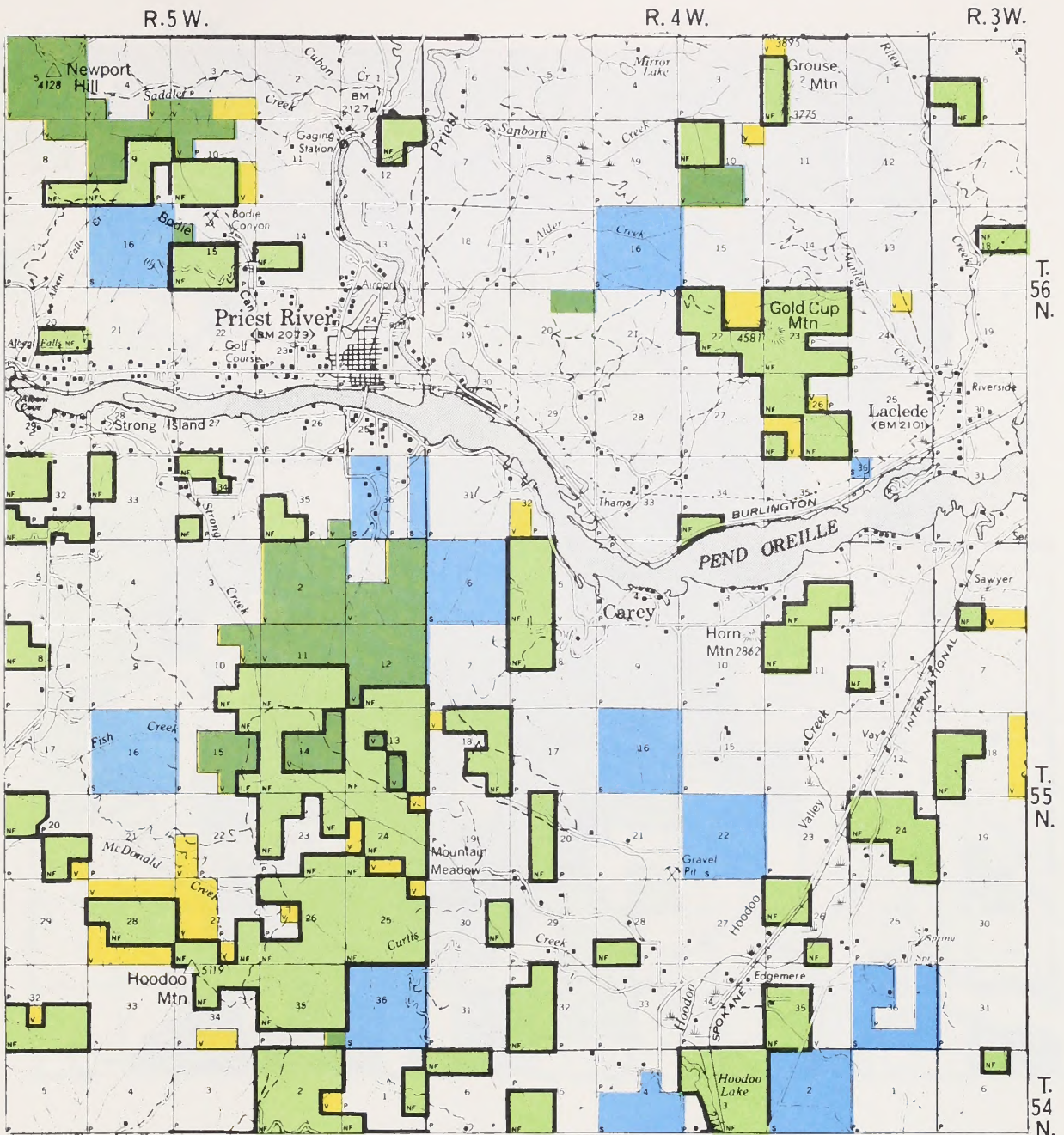
SNAKE

RIVER

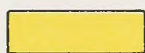
SNAKE

RIVER

HOO DOO



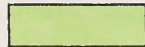
LEGEND



PUBLIC LANDS



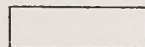
STATE LANDS



FOREST SERVICE LANDS



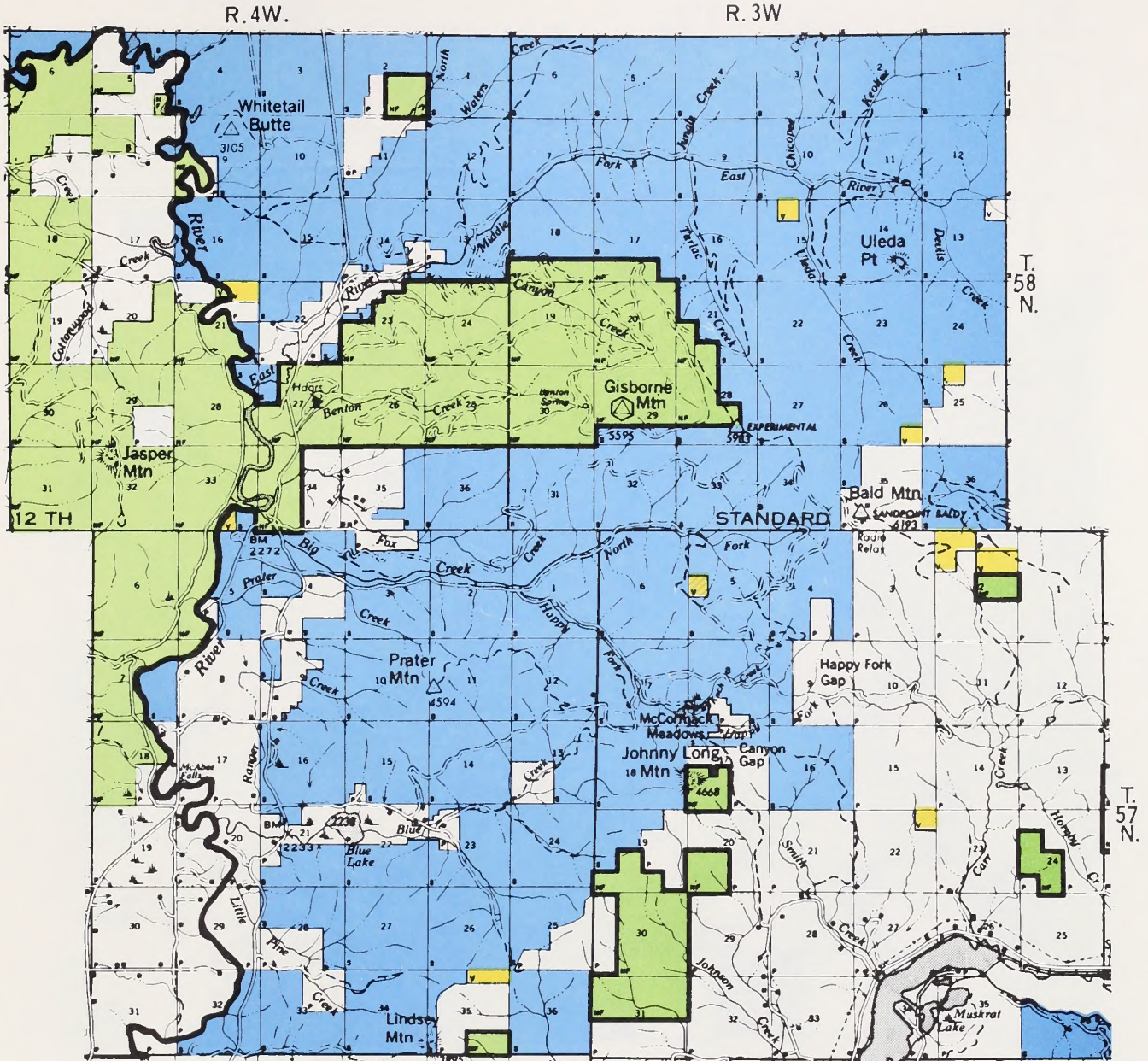
PUBLIC LANDS SELECTED



PRIVATE LANDS

HOO DOO

2 OF 3



LEGEND



PUBLIC LANDS



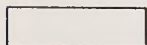
STATE LANDS



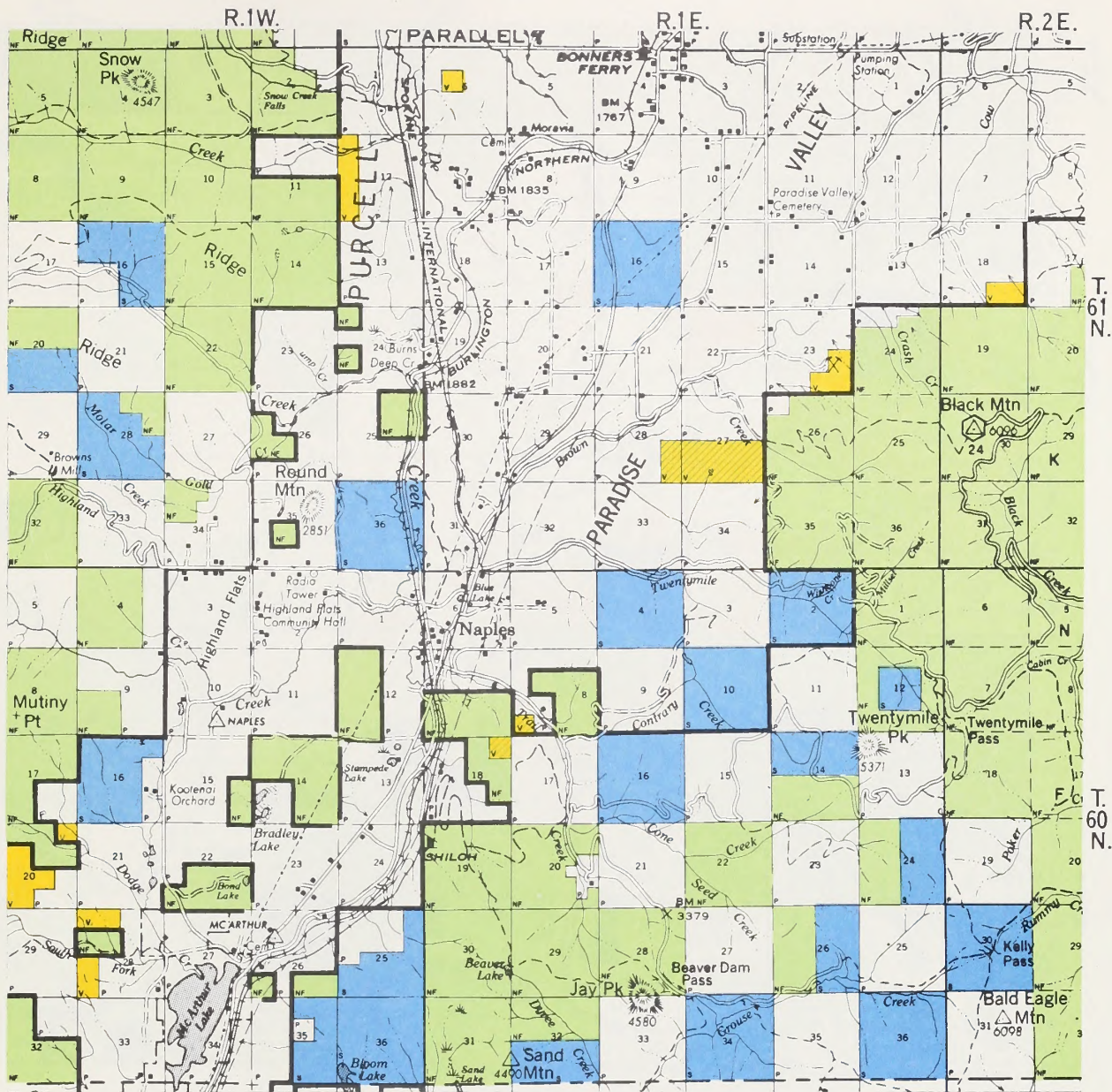
FOREST SERVICE LANDS



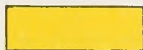
PUBLIC LANDS SELECTED



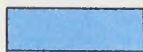
PRIVATE LANDS



LEGEND



PUBLIC LANDS



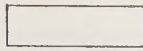
STATE LANDS



FOREST SERVICE LANDS



PUBLIC LANDS SELECTED



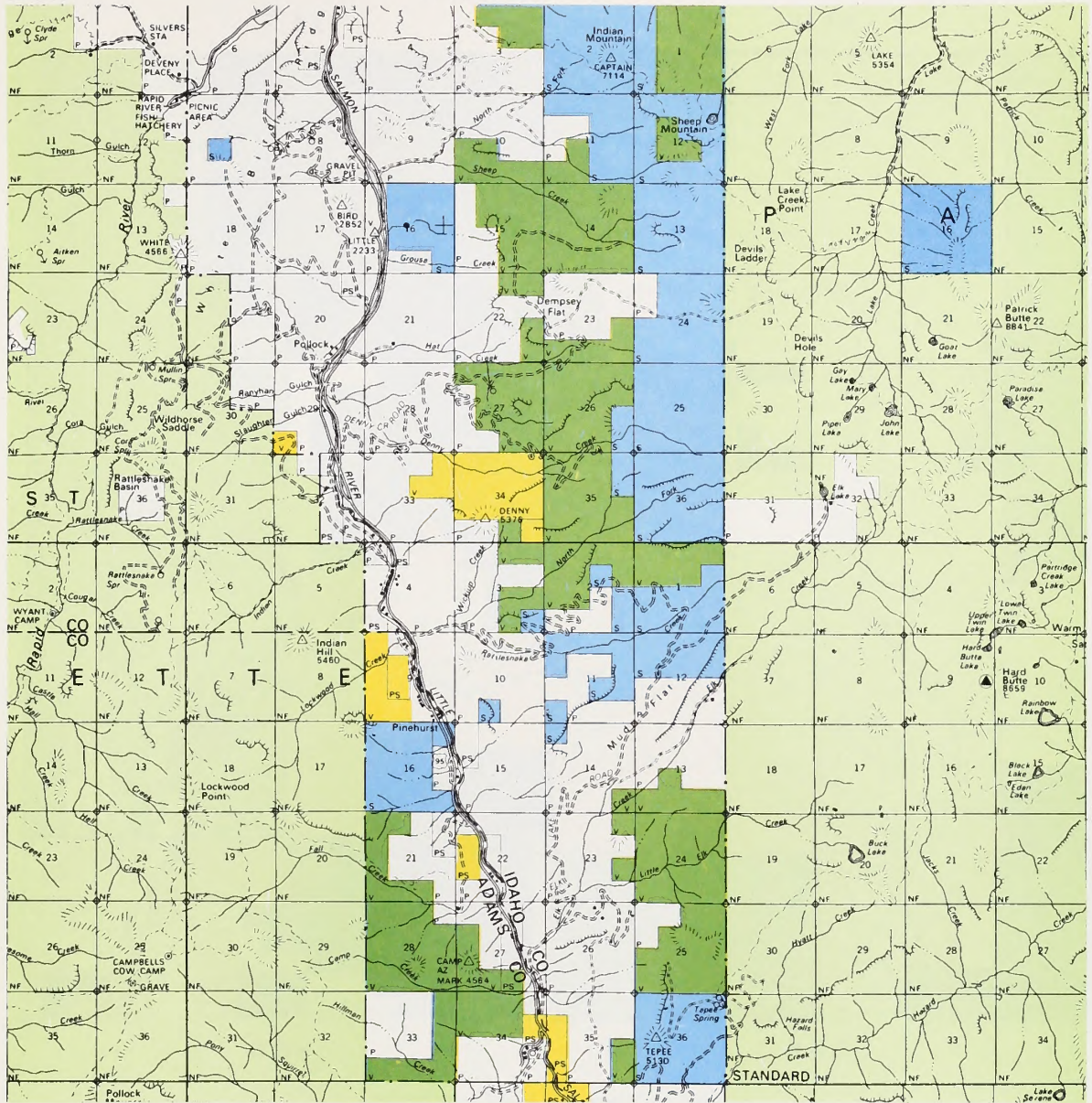
PRIVATE LANDS

LITTLE SALMON

R.1.W.

R.1.E.

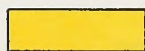
R.2.E.



T. 23 N.

T. 22 N.

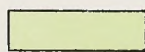
LEGEND



PUBLIC LANDS



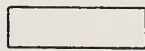
STATE LANDS



FOREST SERVICE LANDS

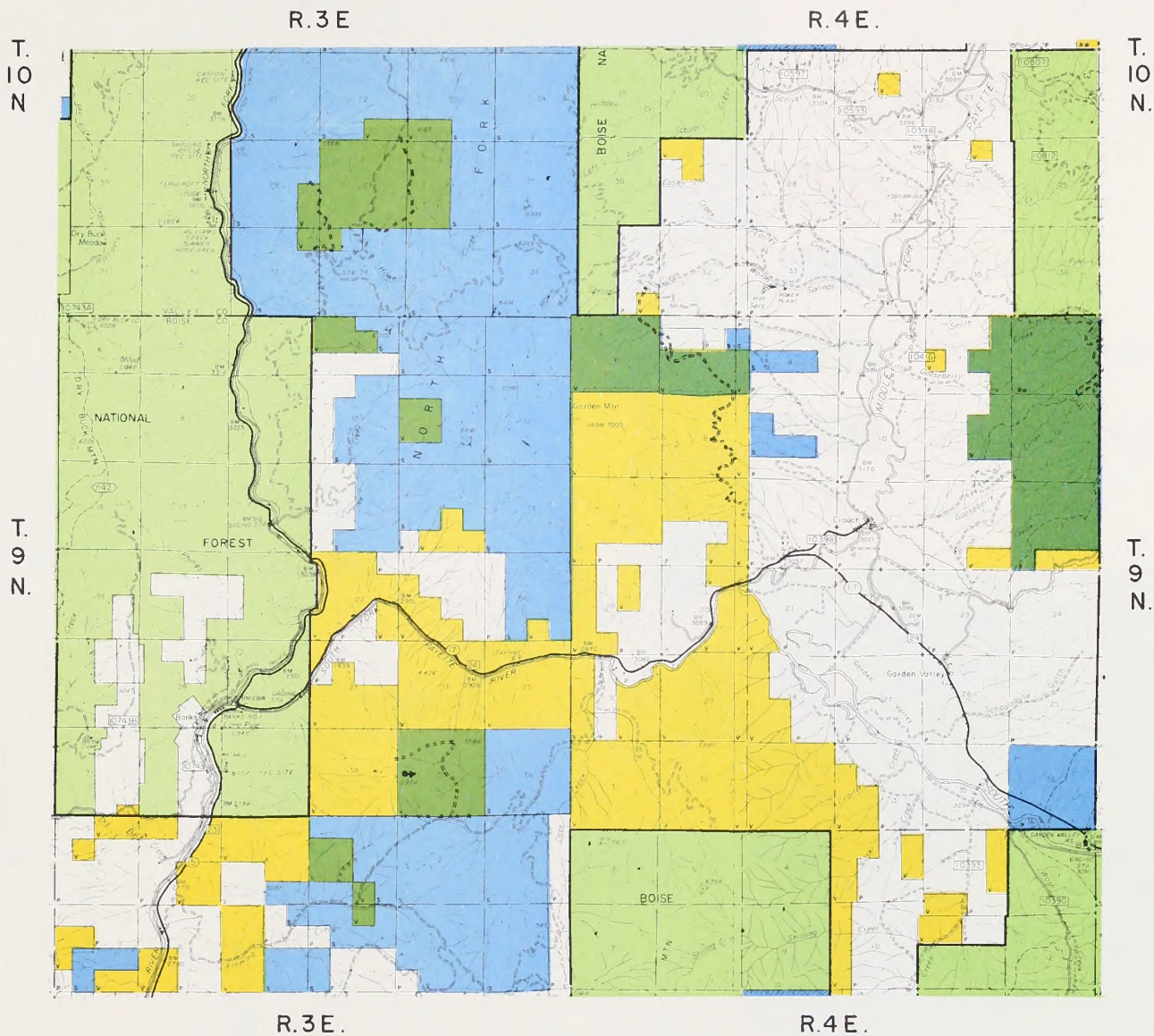


PUBLIC LANDS SELECTED




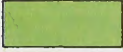



PRIVATE LANDS

S.W. IDAHO (PACKER JOHN)

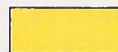
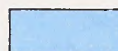
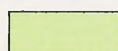




LEGEND

-  PUBLIC LANDS
-  STATE LANDS
-  FOREST SERVICE LANDS
-  PUBLIC LANDS SELECTED
-  PRIVATE LANDS

PAYETTE LAKES

LEGEND

-  PUBLIC LANDS
-  STATE LANDS
-  FOREST SERVICE LANDS
-  PUBLIC LANDS SELECTED
-  PRIVATE LANDS

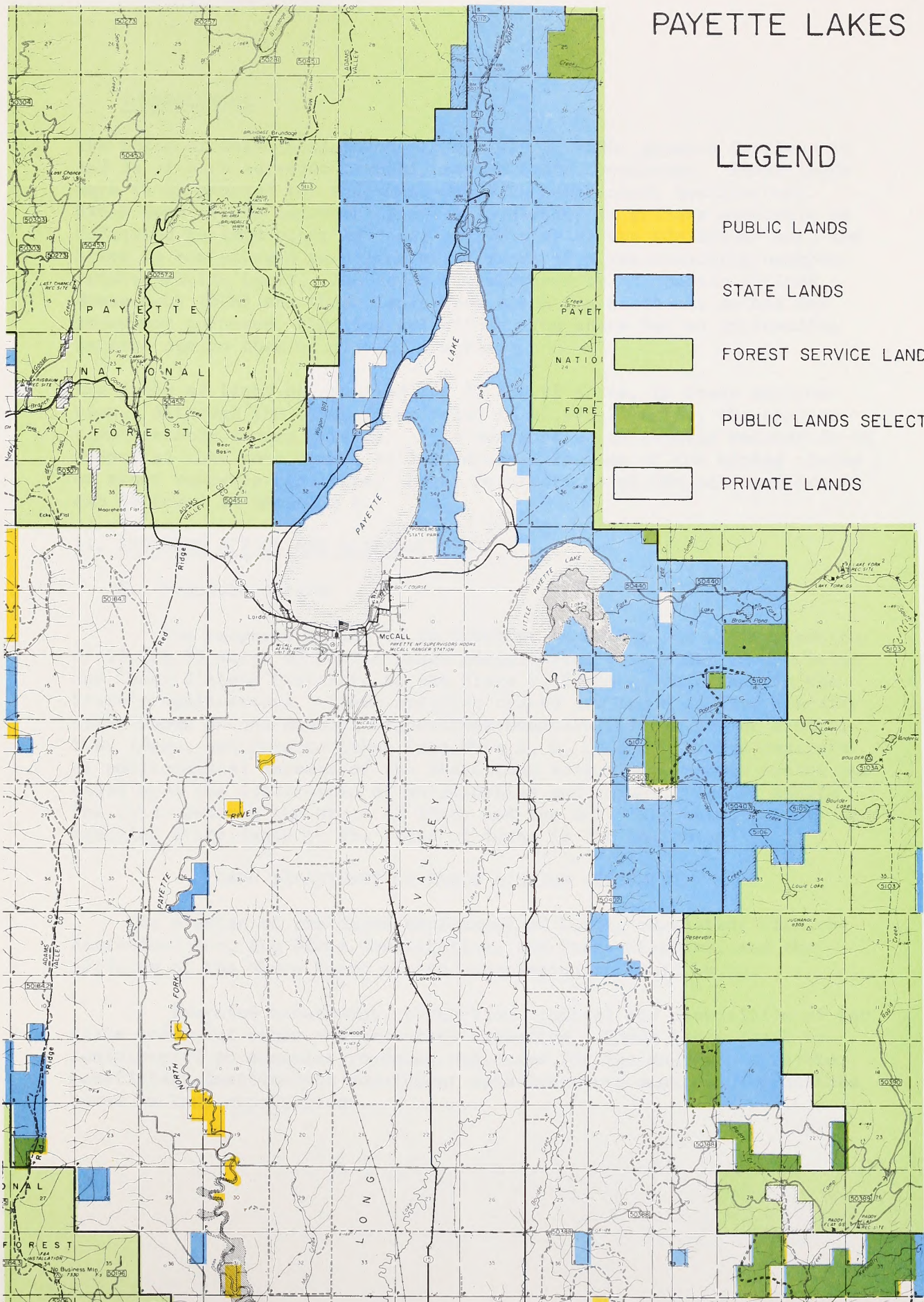
T. 19 N.

T. 18 N.

T. 17 N.

T. 18 N.

T. 17 N.



I. INTRODUCTION

The State of Idaho Admissions Act of July 3, 1890, granted Sections 16 and 36 of each surveyed township to the State Government. These lands were to be managed for endowment funds to beneficiary institutions. Since some of the endowment lands were already in private ownership or dedicated to some other land use at the time of the Admissions Act, the State is now allowed to select equal lands from the remaining unappropriated Public Lands. The lands administered by the Bureau of Land Management (BLM) are those lands from which the State may select for endowment purposes, the lieu selection. The state has an outstanding balance due to them of 27,073.74 acres.

The State of Idaho has applied for 27,226.99 acres, in their application. Although the State is entitled to 27,073.74 acres, the applications include excess acreage. This was done intentionally because it is suspected that some tracts will be dropped because of the mining claims or other resource conflicts. Legal descriptions of the selected tracts can be found in Appendix A.

II. PROPOSED ACTION AND ALTERNATIVES

A. Proposed Action

The proposed action is to transfer ownership and administration of 27,226.99 acres of Public Lands administered by the BLM in the Boise and Coeur d'Alene Districts to the State of Idaho as described in the State's applications. These selected tracts are found in five specific areas known as the Hoodoo, Grandmother Mountain, Little Salmon Blocks, S.W. Idaho, and Payette Lakes (see Maps A, B, C, and D). The analysis of environmental impacts of the State Lieu Selection proposed action was based upon the differences of philosophies and capabilities to manage the lands between the State of Idaho and the BLM. The basic policy for managing State lands by the State of Idaho is the following:

IDAHO DEPARTMENT OF LANDS MISSION STATEMENT

The mission of the Idaho Department of Lands, consistent with the Admissions Act, the State Constitution, the State Statutes, and the policies of the State Board of Land Commissioners shall be to:

1. Exercise management, protection, control and disposition of the state endowment lands and resources therefrom. These lands shall be administered to maximize revenues over time for the endowments to the beneficiary institutions consistent with long-term management practices based on land capabilities.

2. Perform all regulatory functions in an unobtrusive, fair and impartial fashion. Primary emphasis shall be placed on preventing or avoiding harm to, abuse of, or loss of lands and resources, and shall be based upon educational and cooperative programs with the public whenever possible.

3. Provide technical assistance, research support and other cooperative services to the citizens of Idaho and governmental entities. Information shall be practical, relative and clear to enhance beneficial management and utilization of lands and resources, and shall be dispensed in an equitable and impartial manner.

It is the policy of the State Department of Lands to administer lands acquired through indemnity selections as follows:

1. Reserve from sale and set aside as state forests, land chiefly valuable for forestry, reforestation, recreation, and watershed protection.

2. Make available the multiple use of all forest land.

3. Control or extinguish fires on forest land.

4. Promote and protect the growth of new forests on lands chiefly for that purpose.

5. Harvest forest and range crops to prevent destruction of the resources and promote wildlife habitat, aquatic habitat, and protect watersheds.

The basic policy for managing Public Lands by the BLM is in the Declaration of Policy of the Federal Land Policy and Management Act 1976 and is as follows:

Declaration of Policy

Sec. 102. (a) The Congress declares that it is the policy of the United States that --

(1) The Public Lands be retained in Federal ownership, unless a result of the land use planning procedure provided for in the Act, it is determined that disposal of a particular parcel will serve the national interest;

(2) The national interest will be best realized if the Public Lands and their resources are periodically and systematically inventoried and their present and future use is projected through a land use planning process coordinated with other Federal and State planning efforts;

(3) Public Lands not previously designated for any specific use and all existing classification of Public Lands that were affected by executive action or statute before the date of enactment of the Act be reviewed in accordance with the provisions of this Act;

(4) The Congress exercised its constitutional authority to withdraw or otherwise designate or dedicate Federal lands for specified purposes and that Congress delineate the extent to which the Executive may withdraw lands without legislative action;

(5) In administering Public Land statutes and exercising discretionary authority granted by them, the Secretary be required to establish comprehensive rules and regulations after considering the views of the general public; and to structure adjudication procedures to assure adequate third party participation, objective administrative review of initial decisions, and expeditious decisionmaking;

(6) Judicial review of Public Land adjudication decisions be provided by law;

(7) Goals and objectives be established by law guidelines for Public Land use planning, and that management be on the basis of multiple use and sustained yield unless otherwise specified by law;

(8) The Public Lands be managed in a manner that will protect the quality of scientific, scenic, historical, ecological, environmental, air and atmosphere, water resource, and archaeological values; that, where appropriate, will preserve and protect certain Public Lands in their natural condition; that will provide food and habitat for fish and wildlife and domestic animals; and that will provide for outdoor recreation and human occupancy and use;

(9) The United States receive fair market value of the use of the Public Lands and their resources unless otherwise provided for by statute;

(10) Uniform procedures for any disposal of Public Land, acquisition of non-Federal land for public purposes, and the exchange of such lands be established by statute, requiring each disposal, acquisition, and exchange to be consistent with the prescribed mission of the department or agency involved, and reserving to the Congress review of disposals in excess of a specified acreage;

(11) Regulations and plans for the protection of Public Land areas of critical environmental concern be promptly developed;

(12) The Public Lands be managed in a manner which recognizes the Nation's need for domestic sources of minerals, food, timber, and fiber from the Public Lands including implementation of the Mining and Minerals Policy Act of 1970 (84 Stat. 1876, 30 U.S.C. 21a) as it pertains to the Public Lands; and

(13) The Federal Government should, on a basis equitable to both Federal and local taxpayer, provide for payments to compensate States and local governments for burdens created as a result of the immunity of Federal lands from State and local taxation.

Sec. 102. (b) The policies of this Act shall become effective only as specific statutory authority for their implementation is enacted by this Act or by subsequent legislation and shall then be construed as supplemental to and not in derogation of the purposes for which Public Lands are administered under other provisions of law.

Philosophical differences drawn from the Idaho Department of Lands' Mission Statement and the BLM Declaration of Policy, were analyzed in relation to environmental impacts.

Differences in capabilities to manage the land were analyzed from a directory of personnel in the Coeur d'Alene and Boise District Offices and Idaho State Office, (see Appendixes B and C respectively).

B. Alternatives

No Action

No additional alternatives to the proposed action were offered.

III. DESCRIPTION OF THE EXISTING ENVIRONMENT

Due to the scattered nature of the land involved in the proposed action coupled with the size of parcels a specific description by parcel is not practical. There are only a few generalizations that can be made for all the parcels included. All the lands are timbered and are highly productive for the growth of timber. All the parcels provide wildlife habitat for many wildlife species. More specific description on wildlife follows but only species deemed most important to man are listed.

The following is a description of the environment by major areas which were identified in the proposed action.

<u>Air</u>	<u>Elevation</u>	<u>Slopes</u>	<u>Bed Rock</u>	<u>Precipitation</u>
<u>Hoodoo Area</u>	Clean & Clear 2,400 to 4,700 ft.	Generally 30-60%	Mainly metamorphosed sedimentary rock	20 to 60 inches
<u>Grandmother Mountain</u>	Clean & Clear 3,000 to 6,000 ft.	Generally 30-60%	Mainly metamorphosed sedimentary rock	20 to 60 inches
<u>Little Salmon</u>	Clean & Clear 3,000 to 6,800 ft.	Generally 30-60%	Metamorphosed sed- imentary and volcanic rock	20 to 60 inches
<u>S.W. Idaho</u>	Clean & Clear 3,500 to 6,000 ft.	0-80%	Generally granites	15 to 30 inches
<u>Payette Lakes</u>	Clean & Clear 5,000 to 6,600 ft.	0-70%	Basalts and granites	30 to 35 inches

<u>Recent Runoff</u>	<u>Soil Depth</u>	<u>Soil Texture</u>	<u>Erosion Hazard</u>	<u>Slump Hazard</u> (from road building)
<u>Hoodoo Area</u> Approximately 25% mostly in spring	Shallow to deep	Gravelly and stony loam	Moderate	Majority of area high
<u>Grandmother Mountain</u> Approximately 25% mostly in spring	Shallow to deep	Great variation	Moderate	Moderate
<u>Little Salmon</u> Approximately 25% mostly in spring	Shallow to deep	Great variation	High	High
<u>S.W. Idaho</u> Moderate runoff in spring	20 to 60 inches	Surface and sub- surface coarse loams	Moderate to high	Moderate to high
<u>Payette Lakes</u> Approximately 15% in spring	20 inches to 6 feet	Surface - loams and sandy loams Subsoils - silty loams and gravelly to stony silt loams	Low to moderate	Low to moderate

Vegetation
Habitat Type Classification (Additional Vegetative Information
Daubenmire, 1968 is located in Appendix D)

Hoodoo Area

Grand Fir/Pachistima
Western Red Cedar/Pachistima

Grandmother Mountain

Western Hemlock/Pachistima

Little Salmon

Sub-Alpine Fir/Beargrass Ponderosa Pine/Bluebunch Wheatgrass
Grand Fir/Queencup Bead Lily
Douglas Fir/Ninebark

S.W. Idaho

Grand Fir/Spirea Sub-Alpine Fir/Arnica Sub-Alpine Fir/Tall Huckleberry
Grand Fir/Mountain Maple Sub-Alpine Fir/Twistedstalk Douglas Fir/Elk Sedge
Grand Fir/Twin Flower Douglas Fir/Mountain Maple Ponderosa Pine/Agropyron
Grand Fir/Tall Huckleberry Douglas Fir/Ninebark Ponderosa Pine/Bitterbrush
Spicatum

Payette Lakes

Douglas Fir/Elk Sedge Sub-Alpine Fir/Beargrass
Sub-Alpine Fir/Tall Huckleberry Sub-Alpine Fir/Elk Sedge
Sub-Alpine Fir/Dwarf Huckleberry
Sub-Alpine Fir/White Spirea

(These species are candidates for such status by the Federal Government through the Office of Endangered Species.)

Species proposed for the Threatened and Endangered Plant list

Hoodoo Area

None known or expected to exist on subject land

Proposed endangered plant species found in Bonner County are Steironema laevigatum Howell, Syn. S. ciliatum and Tofieldia glutinosa, var. Absona. Both plants are riparian species, found in most meadows, near ponds, streambanks and bog edges.

Grandmother Mountain

None known or expected to exist on subject land

Proposed threatened: Synthyris platycarpa, Gail & Pennel. Found in openings and beneath cedar, grand and subalpine fir climax overstory.

Proposed endangered: Cardamine constancei Deitl.

Corydalis caseana Gray. Found in riparian zones - cedar-hemlock forests. 3000'-5000' elevation zones.

Calamagrostis tweedyi, associated with elk sedge or subalpine fir. Waldsteinia idahoensis Piper, common in subalpine, grand fir and cedar forest zones.

Little Salmon

None known or expected to exist on subject land

Proposed threatened: Trifolium plumosum Dougl. var. amplifolium Martin.

Proposed endangered: Primula cusickiana Gray. Found in grassy meadows or sagebrush, grass covers. Silene spauldingii Wats. Found in pacific grass and shrub communities.

Halimolobos perplexa var. perplexa, common in ponderosa pine zones.

(These species are candidates for such status by the Federal Government through the Office of Endangered Species.)

Species proposed for the Threatened and Endangered Plant list

S.W. Idaho

None known or expected to exist on subject land

Proposed threatened: Chaenactis evermanii Greene. Varies from open Douglas-fir/elk sedge communities to white bark pine/sub-alpine fir communities on shifting granitic talus. Chaenactis evermanii Greene, see (E) for habitat.

Payette Lakes

None known or expected to exist on subject land

Proposed threatened: Calomogrostis Tweedyi (Scribu). Found in sub-alpine fir zone on timbered slopes with elk sedge.

<u>Animal Terrestrial</u>	<u>Animals Aquatic</u>	<u>Threatened and Endangered Animals</u>	<u>Sensitive Species (Sensitive Species defined in Impact Sect</u>
<u>Hoodoo Area</u>	Excellent white tail deer habitat (year round). Elk and Ruffed grouse habitat.	North Fork of Curtis Creek - little or no fish habitat on the subject land.	None known or expected to exist on subject land. Peeble's shrew, Pigmy shrew, Canada lynx, Montana quail Boreal chickadee, Bobcat, wood frog could occur on subject land.
<u>Grandmother Mountain</u>	Elk habitat (year round). Mule deer and white tail deer habitat.	Gold Creek - cutthroat trout Placer Creek - excellent trout habitat for rearing and residential populations. Flewsie Creek, Gramp Creek, Two Bit Creek and Merry Creek may provide habitat for fish.	None known or expected to exist on subject land. same as above
<u>Little Salmon</u>	Elk and deer habitat (year round).	Little Elk Creek - Rainbow and steelhead trout. Fall Creek - Pacific giant salamander sited on subject land. Camp Creek, North Fork of Rattle-snake, Denny Creek, Grouse Creek, Hat Creek, Hailey Creek and Sheep Creek may provide habitat on subject land.	None known or expected to exist on subject land. same as above
<u>S.W. Idaho</u>	Mule deer and Elk habitat (mainly summer). Habitat for Franklin, Ruffed, and Blue grouse plus snowshoe hare.	Main Gooseberry Creek has rainbow trout population. Intermittent streams may be spawning areas for South Fork and Middle Fork of Payette Rivers.	None known or expected to exist on subject land. same as above
<u>Payette Lakes</u>	Elk and mule deer habitat (spring, summer and fall). Forest grouse habitat. Ospreys (possible nesting).	Brook and rainbow trout in perennial streams. River otter.	None known or expected to exist on subject land. same as above

	<u>Visual Quality</u>	<u>Current Recreational Use Made on the Land</u>	<u>Cultural Resources Estimated Potential (Additional information in Appendix E)</u>	<u>Wilderness Potential</u>	<u>Licensed Grazing Use on the Areas</u>
<u>Hoodoo Area</u>	Common to the area. Fall season highest quality.	Moderate--ORV use, cross-country skiing, firewood cutting, hiking, snowmobiling, and hunting.	Cabin of unknown age. Values associated with mining.	None	None
<u>Grandmother Mountain</u>	Common to the area.	Moderate--hunting, hiking, cross-country skiing, ORV use, snowmobiling, fishing.	Moderate potential for sites.	2320 acres adjacent to National Forest Rare II area.	None
<u>Little Salmon</u>	Common to the area.	Moderate--hunting, hiking, ORV use, rock hounding.	High potential for sites.	1560 acres adjacent to National Forest Rare II area.	7 grazing leases for a total of National Forest 918 AUMs.
<u>S.W. Idaho</u>	Common to the area.	Low use--hunting, firewood gathering, fishing and sight-seeing.	Low potential for sites.	None	11 grazing operations for a total of 1131 AUMs.
<u>Payette Lakes</u>	Common to the area.	Low use--sight-seeing, fishing and hunting.	Low potential for sites.	800 acres adjacent to National Forest Rare II area, No. 4-455.	1 grazing operation for a total of 17 AUMs.

Mining Claims

Improvements on the Land and
Cost for Legal Access to the Land

Roads 10.36 miles, \$222,980 value
Easement acquisition cost, \$3300

Grandmother Mountain

Roads 11.36 miles, \$174,275 value
Easement acquisition cost, \$7685
Campground development, \$20,000

Little Salmon

Roads 11.90 miles, \$162,900 value
Easement acquisition, \$13,502

S.W. Idaho

Roads 34.4 miles, \$145,496
Slash and erosion control, \$26,480
Seeding 350 acres, \$1174
Tree planting 20 acres, \$566

Mining claims on 220 acres.

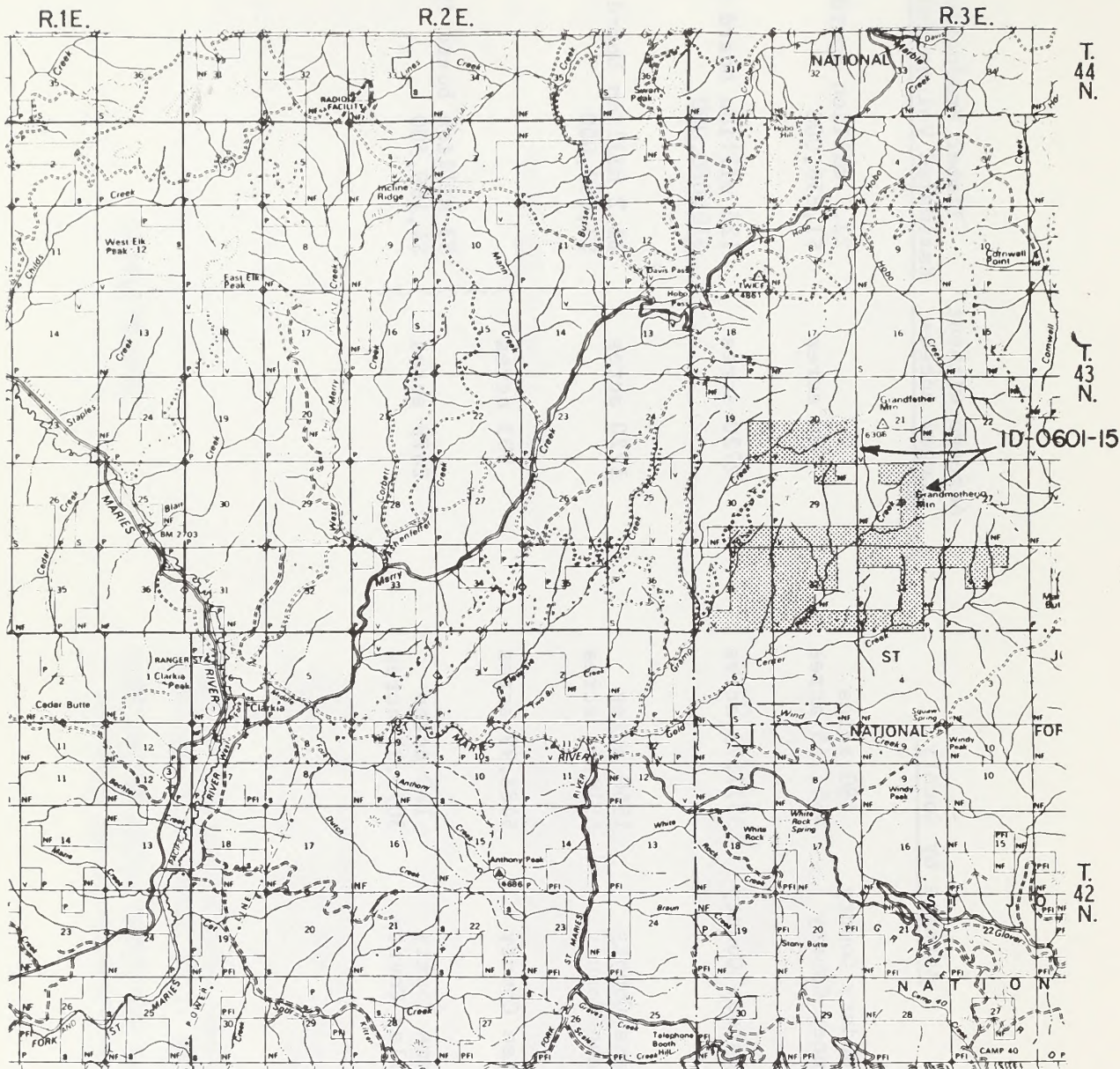
Payette Lakes

Roads 50.1 miles, \$267,429 value
Fences 1 mile, \$1000
Slash and erosion control, \$61,703
Spring development 1, \$1000
Tree planting 690 acres, \$7952
Contouring 600 acres, \$3704

Several mining claims present.

	<u>Acres by County</u>		<u>Acres without Legal Access</u>	<u>Timber Production Estimated Volume and Value</u>
<u>Hoodoo Area</u>	Boundary County	480 acres	680 acres	22.7 million board ft. \$1,816,000
	Bonner County	4601.65 acres		
<u>Grandmother Mountain</u>	Shoshone County	5377.73 acres	2720 acres	126 million board ft. \$10,080,000
<u>Little Salmon</u>	Adams County	1560 acres	1720 acres	61.2 million board ft. \$3,060,000
	Idaho County	6518.47 acres		
<u>S.W. Idaho</u>	Boise County	5488.99 acres	903 acres	
<u>Payette Lakes</u>	Adams County	120 acres	2479 acres	83 million board ft. \$4,160,500
	Valley County	3079.93 acres		

GRANDMOTHER MOUNTAIN



ROADLESS AREAS WITH APPARENT
WILDERNESS CHARACTERISTICS

R. 2 E.

R. 3 E.

PAYETTE LAKES

← ID-0110-01

ROADLESS AREAS WITH APPARENT WILDERNESS CHARACTERISTICS



← ID-0110-02

← ID-0110-03

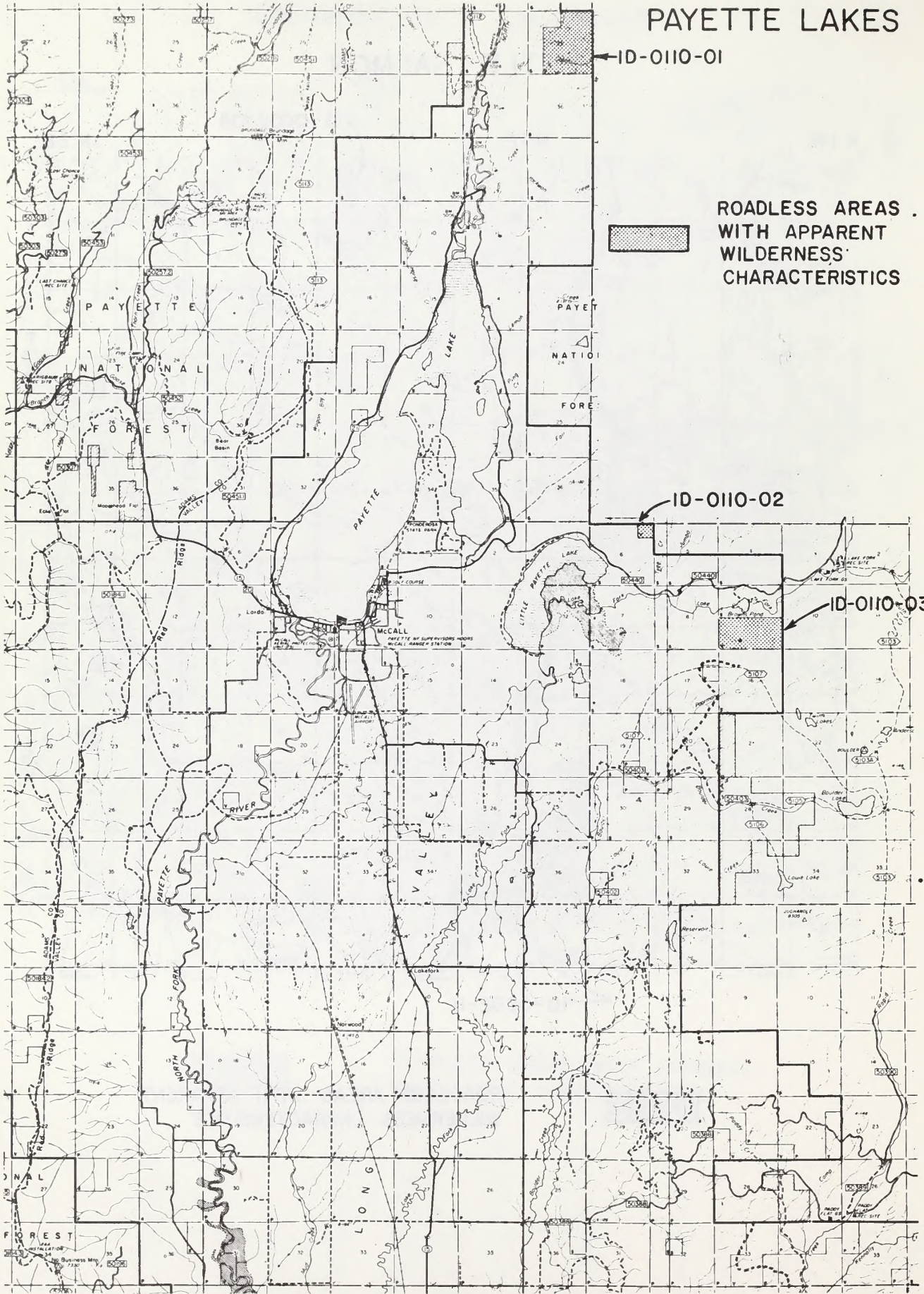
T. 19 N.

T. 18 N.

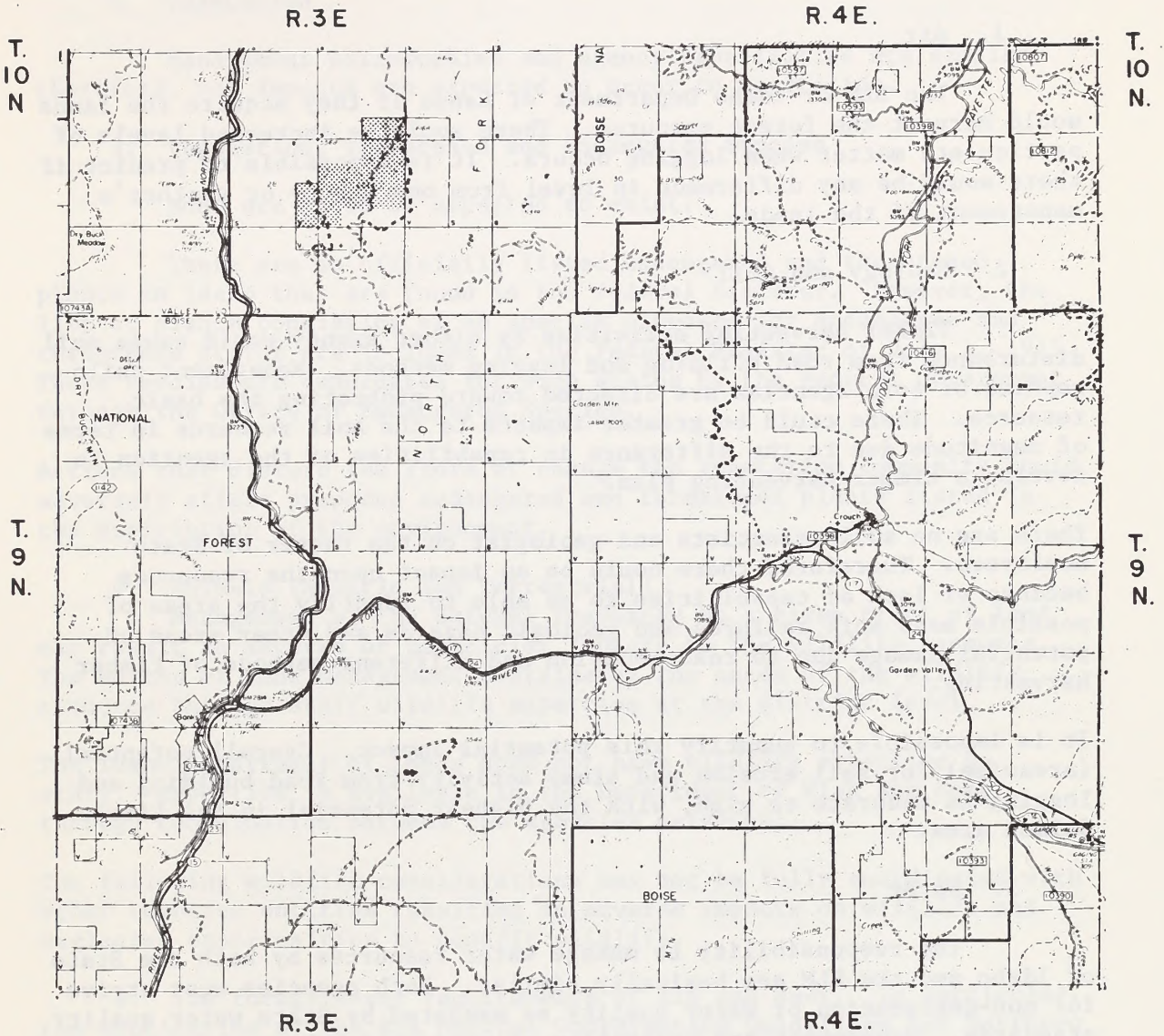
T. 18 N.

T. 17 N.

T. 17 N.



S.W. IDAHO (PACKER JOHN)



PUBLIC LANDS ENCUMBERED
WITH MINING CLAIMS

IV. ANALYSIS OF THE PROPOSED ACTION AND ALTERNATIVES

A. Proposed Action

1. Air

The BLM or Idaho Department of Lands if they acquire the lands would harvest the forest resource. There would be increased levels of particulate matter when logging occurs. It is impossible to predict if there would be any difference in level from one agency or another's management of the lands.

2. Geology and Soil

Timber harvesting activities by either agency would cause soil disturbance from road building and logging methods. Management philosophies of both agencies are directed toward protecting the basic resource. There could be greater impacts to the soil resource in terms of magnitude due to the difference in capabilities of the agencies to develop a timber harvesting plan.

There are no soil scientists and geologist on the roster of State Employees. Therefore, there could be an impact upon the resources because of lack of capabilities to be able to identify the areas of possible mass soil failures and geologic hazards and other areas of potential damage due to road location and different methods of timber harvesting.

It is impossible to quantify this potential impact. Overall potential (areawise) for soil erosion and slump activity from road building and logging is moderate to high, with the highest potential in the Little Salmon area.

3. Water

The responsibility to manage water resources by both the State of Idaho and the BLM are basically similar. Both agencies must strive for non-degradation of water quality as mandated by State water quality standards. Management and protection of watershed values are inherent to the mission of both the State of Idaho and the BLM.

The lack of hydrologic personnel to provide management with water resource management information is the biggest difference between the two agencies. The area offices attached to the State Department of Lands lack capabilities to provide hydrologic expertise when inventorying and reviewing proposed activities. The Coeur d'Alene District Office, BLM, which administers the Hoodoo, Grandmother, and Little Salmon areas, has a hydrologist within the Division of Resource Management who provides hydrologic reviews for all major BLM actions on the district.

It is impossible to predict if additional impacts would occur nor quantify potential impacts to the water resource.

4. Vegetation

Management philosophies and agency capabilities are similar therefore, not impacts are expected to occur to vegetation.

5. Vegetation, Threatened and Endangered Species

None are known or expected to exist.

There are no officially listed endangered and threatened plants in Idaho that are found in the Federal Register. However, the list of plants consisting of 68 species proposed for endangered and threatened status are included in the Federal Register of July 1, 1975. These species are candidates for such status by the Federal Government through the Office of Endangered Species.

Actions that disturb the flora or change the vegetation community could adversely affect proposed endangered and threatened plants listed in the description of the environment.

6. Animals (Aquatic and Terrestrial)

Management of the natural resources on a given tract of land may result in adverse or beneficial impacts to the wildlife resource. The Bureau of Land Management coordinates the needs of the wildlife resource through staff wildlife expertise at the district level.

The Idaho Department of Lands does not have wildlife expertise on staff. Expertise is available in the Department of Fish and Game through coordination between the agencies personnel.

The following wildlife considerations may not be fully coordinated with other resource entities resulting in adverse impacts on wildlife and neglected opportunities to benefit wildlife.

a. The forage:cover requirements of elk and deer. In particular, the application of the Elk Habitat Coordination Guidelines for Northern Idaho.

b. The habitat requirements of cavity dwelling birds and mammals. The need exists for a definitive snag management program.

c. The protection and preservation of riparian zones.

d. The evaluation of natural unique habitats (e.g., talus slides) which are the habitat to limited distribution species (e.g., the pika).

e. The protection of the streams and existing resident fishery or rearing habitat. The enhancement of habitat in streams where such opportunities exist.

7. Animals Threatened and Endangered

None are known or expected to exist.

However, several sensitive species occur on one or several of the areas. Sensitive species are: Preble's shrew, Canada lynx, bobcat, boreal chickadee, wood frog, pygmy shrew, mountain quail, osprey, and river otter.

Sensitive Animals - Animals classified by the BLM and Idaho Fish and Game Department are those:

-- not yet officially listed but which are undergoing a status review or are proposed for listing according to Federal Register notices published by the Secretary of the Interior or the Secretary of Commerce, or according to comparable State documents published by State officials;

-- whose populations are consistently small and widely dispersed, or whose ranges are restricted to a few localities, such that any appreciable reduction in numbers, habitat availability, or habitat condition might lead toward extinction; and

-- whose numbers are declining so rapidly that official listing may become necessary as a conservation measure. Declines may be the cause of one or more of several factors including: destruction, modification, or curtailment of the species' habitat or range; overutilization for commercial, sporting, scientific, or educational purposes; disease or predation; the inadequacy of existing regulatory mechanisms; and/or other natural or manmade factors adversely affecting the species' continued existence.

Any actions that would adversely affect the habitat of sensitive species could displace or cause the loss of sensitive species.

8. Recreation

Both the Idaho State Department of Lands and the Bureau of Land Management are charged with recognizing the recreational values. Both agencies are directed to protect and enhance the recreational values of lands under their respective jurisdiction.

No impacts are predicted on the recreational resource. However, since the Idaho Department of Lands is not a recreational agency, the Gold Center Creek campground constructed on public land in the Grandmother area could deteriorate, resulting in loss of visual and recreational quality within the area.

9. Cultural Resources

Legislation mandated Federal agencies to inventory and evaluate all cultural resources that may be adversely impacted prior to any land transfer out of Federal ownership. Thus, it is Bureau policy to inventory, evaluate, plan for and manage cultural resources on lands administered by the Bureau and in areas of Bureau responsibility.

The objectives of the Bureau's cultural resource management program are:

a. Protect and preserve representative samples of the full array of cultural resources for the benefit of scientific and socio-cultural use by present and future generations.

b. Insure that cultural resources are given full consideration in all land-use planning and management decisions.

c. Manage cultural resources so that scientific and socio-cultural values are not diminished, but rather maintained and enhanced.

d. Insure that the Bureau's undertakings avoid inadvertent damage to cultural resources, both Federal and non-Federal.

The Bureau receives authorization to manage cultural resources from 19 pieces of legislation.

Some of the responsibilities and requirements of Federal agencies derived from the legislation are as follows:

a. Inventory lands for cultural resources

Historic Sites Act of 1935
National Historic Preservation Act of October 25, 1966
Executive Order 11593
Federal Land Policy and Management Act of 1976

b. Evaluate cultural resources for significance.

Executive Order 11593

c. Nominate sites that meet criteria of significance to the National Register of Historic Places.

Executive Order 11593
Procedures of the Advisory Council on Historic Preservation

d. Preserve the quality of cultural resources.

Federal Land Policy and Management Act of 1976

e. Evaluate all Bureau and Bureau sanctioned actions with regards to possible adverse impacts toward cultural resources.

Procedures of the Advisory Council on Historic Preservation

f. Allow for formal review by the Advisory Council on Historic Preservation through the State Historic Preservation Officer.

National Historic Preservation Act of 1966

Procedures of the Advisory Council on Historic Preservation

The State's authority for cultural resource management stems from the State Antiquities Act. Highlights of this legislation follow:

a. Preservation of historical site and monuments S.L. 1967, ch. 142, compiled herein as Sec. 67-4114--67-4118.

1. The governor is authorized to designate historic sites upon the recommendation of the Idaho State Historical Society.

2. Sites will be marked and markers will be maintained.

3. Markers must have approval of the Idaho Historical Society.

4. Penalties for violation of this act.

b. Protection of archaeological and vertebrate paleontological sites and resources S.L. 1963, ch. 181 compiled herein as Sec. 67-4119--67-4122.

1. Permit is needed for excavation of a designated site.

2. No person shall remove artifacts without approval of the board of trustees of the Idaho State Historical Society.

3. Penalties for violation of this act.

With present legislation and policy, the State of Idaho does not have the authority to manage the cultural resources on endowment lands in the same manner as the Bureau is required by law.

As it is Bureau policy that the Bureau protects and manages the cultural resources under its jurisdiction or control, and avoids inadvertent loss or destruction of cultural resources, the Bureau normally would be required (under the above mentioned Federal legislation) to inventory and evaluate those resources on the selected lands before the subject lands can be transferred to the State of Idaho. Failure to do so would result in non-compliance with the various Federal laws and Bureau directives concerning cultural resources and their proper management.

If, as a result of a cultural resource survey and inventory, significant (relative importance, determined by its socio-cultural and/or scientific

value) resources are located, those resources are subject, under the provisions of Section 106 of the National Historic Preservation Act of 1966, to review and comment by the Advisory Council. The Advisory Council must be afforded an opportunity to comment on Federal, Federally assisted, or Federally licensed undertakings which may affect properties listed in or eligible for listing in the National Register of Historic Places. These procedures are directed by NHPA, Section 106, to be taken into account prior to the undertaking of the herein proposed action by the Bureau.

10. Wilderness

A team of trained evaluators have examined the subject lands and have identified those tracts which have apparent wilderness characteristics. These are those tracts which are comprised of at least 5,000 acres of contiguous public land or which are adjacent to the U.S. Forest Service RARE II areas.

Acreage involved that would not be available for the further consideration of wilderness values and use is as follows:

Grandmother Mountain	2,320 acres
Little Salmon	1,560 "
Payette Lakes	800 "
	<u>4,680 acres</u>

11. Livestock Grazing Use

Livestock are licensed on the public land as follows:

Hoodoo	None
Grandmother Mountain	None
Little Salmon	918 AUMs
S.W. Idaho	1,131 AUMs
Payette Lakes	17 AUMs
Total	<u>2,166 AUMs</u>

BLM collects \$1.51 an AUM for annual grazing fees. This would total \$3270.66 annual income no longer available to the Federal Government. The State of Idaho would increase their annual income from indemnity land by approximately the same amount.

12. Timber Production and Value

Timber production and value on the land parcels involved is estimated to be as follows:

	<u>Million Board Feet</u>	<u>Dollars</u>
Hoodoo	22.7	1,816,000
Grandmother Mountain	126.0	10,080,000
Little Salmon	61.2	3,060,000
Payette Lakes and S.W. Idaho	<u>83.0</u>	<u>4,160,500</u>
	292.9	19,116,500

The annual allowable cut that could be expected on these lands is 7.44 million board feet. This would approximate \$528,000 annual income no longer available to the U.S. Treasury. The State of Idaho could increase their annual income from indemnity land by approximately the same amount.

13. Improvements on the Public Lands in the Proposed Action
Plus Costs for Legal Access to Portions of the Land

	<u>Improvement Value</u>	<u>Easement Costs</u>
Hoodoo	\$222,980	\$ 3,300
Grandmother Mountain	\$194,275	\$ 7,685
Little Salmon	\$162,900	\$13,502
S.W. Idaho	\$173,714	
Payette Lakes	<u>\$342,788</u>	
	1,096,657	<u>\$24,487</u>

These investments of Federal lands would be transferred to the State of Idaho.

14. Mining Claims

Any mining claims located on the lands prior to the filing of the lieu selection applications will be considered as valid existing rights.

Unpatented mining claims must be examined to determine whether or not they contain valuable mineral deposits. This is an involved time consuming process.

If the claims are found to contain valuable mineral deposits the lands involved could not be patented to the State of Idaho. The affected subdivisions would have to be rejected or relinquished from the applications.

If found not to have mineral value, contest action must be undertaken. A hearing is held before an administrative judge. If the contest ruling is in favor of the Government the mining claimant has right of appeal to the IBLA. If the claimant receives an unfavorable ruling he can appeal to Federal District Court, and upward. These actions could lead to from 4 to 12 years completing the process.

The resulting impact is to the Idaho State Department of Lands and would be a delay in receiving title to the land plus loss of income from the land while the process of mining claim violating determination is made and rejection process followed.

Mining claims occur on primarily 220 acres within the S.W. Idaho area.

15. Acreage by County

Seven counties in the State of Idaho would not receive payment in lieu of taxes for the acreage involved in the proposed action as follows:

Boundary County	480	acres
Bonner County	4,601.65	acres
Shoshone County	5,377.73	acres
Adams County	1,680	acres
Idaho County	6,528.47	acres
Boise County	5,488.99	acres
Valley County	3,079.93	acres

In lieu of taxes payment ranges from 10¢ to 75¢ per acre.

16. Legal Access

Another impact resulting from the title transfer to the State, will be loss of public access to the subject tracts for recreational purposes. The State of Idaho does not acquire legal access rights for the general public when obtaining easements or permits over private lands to conduct administrative management of their lands. If no legal access exists at the time the land title changes to the State, then it is doubtful that the general public will have future access to the subject lands.

Present Acreage Without Legal Access is:

Hoodoo	680	acres
Grandmother Mountain	2,720	acres
Little Salmon	1,720	acres
S.W. Idaho	903	acres
Payette Lakes	<u>2,479</u>	acres
	8,502	acres

B. Alternative

No Action

Impacts from the proposed action would not occur. The State of Idaho would still have an outstanding lieu selection of 27,073.74 acres. Income from the lands within the proposed action would not accrue to the State of Idaho. Probable income is estimated to be as follows:

Grazing Leases	\$ 3,270
Timber Sales	\$ <u>186,950</u>
Total	\$ 190,220

V. MITIGATING MEASURES

Cultural Resources

Representatives from BLM and the State of Idaho agreed to negotiate a Memorandum of Agreement whereby the State of Idaho would assume the management responsibilities of the cultural resources on the subject lands. This Memorandum of Agreement must insure that the State of Idaho will fulfill all responsibilities and requirements that the Bureau has toward cultural resources as required by law.

If such an agreement is reached prior to the land transfer, then the State Historic Preservation Officer will issue a Statement of no adverse effect toward cultural resources as a result of the proposed action. If a Memorandum of Agreement is not established, then an inventory and evaluation of all cultural resources on the subject land will be made.

If, as a result of a cultural resource survey and inventory, significant (relative importance, determined by its socio-cultural and/or scientific value) resources are located, those resources are subject, under the provisions of Section 106 of the National Historic Preservation Act of 1966, to review and comment by the Advisory Council. The Advisory Council must be afforded an opportunity to comment on Federal, Federally assisted, or Federally licensed undertakings which may affect properties listed in or eligible for listing in the National Register of Historic Places. These procedures are directed by the NHPA, Section 106, to be taken into account prior to the undertaking of the herein proposed action by the Bureau.

Wilderness

A. The State of Idaho could withdraw the 4,680 acres from their applications.

B. If the State does not wish to withdraw these lands from their application, an accelerated study would be made on the tracts to determine if they fulfill criteria established by Congress in Section 2 (c) of the Wilderness Act be designated as wilderness. If the tracts meet the criteria they will be retained in Federal ownership and designated for this use.

VI. RESIDUAL IMPACTS

Impacts would remain the same as identified in Section IV on all resources and resource values except for the following:

Cultural Resources and Wilderness - Mitigation identified would assure protection of the cultural and wilderness resources.

VII. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENT OF RESOURCES

The permanent transfer of 27,073.74 acres from Federal ownership to State ownership.

VIII PERSONS, GROUPS, AND GOVERNMENT AGENCIES CONSULTED

United States Forest Service
Intermountain Region, R-4

United States Forest Service
Payette National Forest

United States Forest Service
Boise National Forest

United States Forest Service
Panhandle National Forest

United States Fish and Wildlife Service
Ecological Services

Idaho State Department of Lands
Southwest Area Office

Idaho State Department of Lands
Pend Oreille Lake Area Office

Department of Fish and Game
State of Idaho

Department of Parks and Recreation
State of Idaho

State Historic Preservation Officer
University of Idaho

IX. INTENSITY OF PUBLIC INTEREST

Comments obtained during the BLM land planning process in 1974-75 in the Coeur d'Alene District indicated that the public favored approving state lieu selections in general, but recommended retaining the Hoodoo and Grandmother Mountain area in Federal ownership.

To date, several articles on State Lieu Selection Lands have appeared in the Idaho Statesman. We have received no public contacts concerning the issue and we feel that the overall, the public has small interest in the proposal.

X. PARTICIPATING STAFF

The Environmental Assessment Record on the Idaho State lieu selected lands was prepared by an interdisciplinary team composed of the following individuals:

Coeur d'Alene District

Joe Zimmer	District Manager
Wayne Zinne	Chief, Division of Resources Resource Management
Jerry Kidd	Team Coordinator
Paul Baker	Engineering and Transportation Analyst
Larcie Brnett	Archaeological Analyst
Craig Johnson	Grazing Analyst
Jerry Kidd	Recreation Analyst
Terry Kincaid	Recreation Analyst
Joe Lint	Wildlife Analyst
Clarence Munk	Lands Analyst
Steve Sagstad	Hydrological Analyst
Gus Vitolins	Forestry Analyst
Vern Webb	Soil Analyst

Boise District

Harold D. Sherrets	Cascade Area Manager
Gary Hall	Cascade Area Realty Specialist
Chuck Hopson	Cascade Area Forester
Tom Seiner	Cascade Area Range Conservationist
Alan Sands	Staff Wildlife Biologist
Wally Meyer	Staff Outdoor Recreation Planner
Max MacFarlane	Staff Range Specialist
Dan Lechefsky	Staff Wilderness Specialist
Larry Hanlon	Staff Forester
Inez Graetzer	Staff Environmental Coordinator
Terry Anstett	Jarbidge Resource Area Geologist

Idaho State Office

Harold E. Isaacson	Branch Chief, Environmental Coordination
Robert Korfhage	Wildlife Biologist

REFERENCES

- Arnold, John F., Land Systems Inventory McCall Planning Unit - 707 pages, U.S.D.I., Bureau of Land Management, Boise District, Boise, Idaho. 1977.
- Arnold, John F., Land Systems Inventory McCall Planning Unit - Field Review U.S.D.I., Bureau of Land Management, Boise, Idaho, to be published in 1978.
- Boreson, Keo E., Archaeological Reconnaissance of Timber Sales and Land Exchanges in Idaho Panhandle National Forests 1975-1976. University of Idaho Anthropological Research Manuscript Series No. 36, 1977.
- Butler, B. Robert, A Guide to Understanding Idaho Archaeology. Pocatello. Idaho State University Museum, 1968.
- Daubenmire, R. and Daubenmire, J. B., Forest Vegetation of Eastern Washington and Northern Idaho. Washington Agriculture Experimental Station Technical Bulletin 60, 104 p., illustrations, 1968.
- Henderson, D. M. et al., Endangered and Treated Plants of Idaho. Bulletin No. 21, College of Forestry, Wildlife and Range Sciences, University of Idaho, 1977.
- Marshall, Al, Ethnobotony of the Nez Perce.
- Pacific Northwest River Basin Commission, Climatological Handbook Columbia Basin States - Precipitation. Meteorology Committee, 1969.
- Payette National Forest, Soil-Hydrologic Reconnaissance, New Meadows Ranger District, 1973.
- Peebles, John J., Report of History Subproject: A Methodology Study to Develop Criteria for Wild and Scenic Rivers, Moscow, 1971.
- Ray, Verne F., Cultural Relations in the Plateau of Northwestern America. Publication of the Frederick Webb Hodge University Publication Fund, Vol. 3, 1939.
- Rice, R. M., J. S. Rothacker and W. F. Megahan, Erosional Consequences of Timber Harvesting and an Appraisal. National Symposium on Wetlands in Transition. pp. 321-329, 1972.

- Ringe, R. R., J. R. Lukens, P. D. Hiebert, and W. D. Horton, Survey of Streams in the Emerald Empire and Cottonwood Resource Areas of Idaho, Idaho Cooperative Fishery Research Unit, University of Idaho, Moscow, 1978.
- Schwede, Madge, The Relationship of Aboriginal Nex Perce Settlement Patterns to Physical Environment and Generalized Distribution of Food Resources. Northwest Anthropological Research Notes 4(2), 129-136, 1970.
- Spinden, H. J., The Nez Perce Indians, American Anthropological Association Memoirs, Vol. 2, 1908.
- Steele, Robert, Robert D. Phister, Ryker A. Russell, and Jay A. Kittams, Forest Habitat Types of Central Idaho - 191 pages, U.S.D.A., U.S. Forest Service, Intermountain Forest and Range Experiment Station, Boise, Idaho, June 1975.
- Swanson, Earl H., Jr., Utaztekan Prehistory. Occasional Papers of The Idaho State University Museum, No. 22, 1968.
- Swanton, John R., Indian Tribes of North America, Bureau of American Ethnology Bulletin 145, 1953.
- Teit, James A., The Shalishan Tribes of the Western Plateaus, Annual Report of the Bureau of American Ethnology 45:295-396, 1930.
- Walker, Deward E., American Indians of Idaho. Anthropological Monographs of the University of Idaho, No. 2, Moscow, 1973.
- Wertz, W. A. and John F. Arnold, Descriptions of Sections and Sub-sections of That Portion of the Northern Rocky Mountain Physiographic Containing the Idaho Batholith. 342 pages. Appendix B of the Idaho Batholith Source Book, U.S.D.A., U.S. Forest Service, Inter-Mountain Region, Ogden, Utah, 1975.

APPENDICES

EXEMPT LAND ACQUISITION LIST

SW, TRS BLOCK

LEGAL DESCRIPTION AND ACRES

Seq.	Trp.	Trm.	Subdivision	Acres
10	SW	4W	Lots 3,4, NWSE1, E1SW1	249.43
20			N1NE1	81.00
1	SW	SW	Lots 1,2,3,6,7, SWNE1, SW1, WISE1	434.01
2			All	838.96
10			N1NE1, SE1NE1	129.00
11			N1	320.00
12			Lots 1,2,3, N1NE1, NW1, N1SW1, SW1SW1, NWSE1	499.48
13			SE1SW1, WISE1	170.00
14			NE1SW1, SE1SW1, SE1NW1, NE1SW1, NWSE1	260.00
15			S1NE1, SE1SW1, NE1SW1, N1NE1, NWSE1	280.00
25			SE1SE1	40.00
3	SW	SW	E1SW1	80.00
4			SW1SW1, SE1SE1	80.00
5			All	657.24
6			N1NE1	80.00
7			N1NE1, NW1, N1SW1	320.00
10			N1NE1, N1NW1, SW1SW1	150.00
12			SW1SW1	40.00
20			SE1SE1	40.00
3	SW	SW	Lot 3	40.00
23	SW	4W	Lot 7	22.30
6	SW	1E	SW1SW1	40.00
18	SW	1E	N1NE1	40.00
23	SW	1E	S1	320.00
24	SW	1E	E1 SE1	40.00
TOTAL ACRES				5,081.85

LIEU LAND SELECTION LIST

HOO DOO BLOCK

LEGAL DESCRIPTION AND ACREAGE

Sec.	Twp.	Rge.	Subdivision	Acreege
10	56N	4W	Lots 3,4, $W\frac{1}{2}SE\frac{1}{4}$, $E\frac{1}{2}SW\frac{1}{4}$	249.45
20			$N\frac{1}{2}NE\frac{1}{4}$	80.00
1	55N	5W	Lots 1,2,5,6,7, $SW\frac{1}{4}NE\frac{1}{4}$, $SW\frac{1}{4}$, $W\frac{1}{2}SE\frac{1}{4}$	454.01
2			All	638.96
10			$N\frac{1}{2}NE\frac{1}{4}$, $SE\frac{1}{4}NE\frac{1}{4}$	120.00
11			$N\frac{1}{2}$	320.00
12			Lots 1,2,3, $W\frac{1}{2}NE\frac{1}{4}$, $NW\frac{1}{4}$, $N\frac{1}{2}SW\frac{1}{4}$, $SW\frac{1}{4}SW\frac{1}{4}$, $NW\frac{1}{4}SE\frac{1}{4}$	499.49
13			$SE\frac{1}{4}NW\frac{1}{4}$, $W\frac{1}{2}SE\frac{1}{4}$	120.00
14			$NE\frac{1}{4}NE\frac{1}{4}$, $S\frac{1}{2}NE\frac{1}{4}$, $SE\frac{1}{4}NW\frac{1}{4}$, $NE\frac{1}{4}SW\frac{1}{4}$, $N\frac{1}{2}SE\frac{1}{4}$	280.00
15			$S\frac{1}{2}NE\frac{1}{4}$, $SE\frac{1}{4}NW\frac{1}{4}$, $NE\frac{1}{4}SW\frac{1}{4}$, $N\frac{1}{2}SE\frac{1}{4}$, $SW\frac{1}{4}SE\frac{1}{4}$	280.00
35			$SE\frac{1}{4}SE\frac{1}{4}$	40.00
3	56N	5W	$S\frac{1}{2}SW\frac{1}{4}$	80.00
4			$SW\frac{1}{4}SW\frac{1}{4}$, $SE\frac{1}{4}SE\frac{1}{4}$	80.00
5			All	657.24
8			$N\frac{1}{2}NE\frac{1}{4}$	80.00
9			$N\frac{1}{2}NE\frac{1}{4}$, $NW\frac{1}{4}$, $N\frac{1}{2}SW\frac{1}{4}$	320.00
10			$NW\frac{1}{4}NE\frac{1}{4}$, $N\frac{1}{2}NW\frac{1}{4}$, $SW\frac{1}{4}NW\frac{1}{4}$	160.00
15			$SW\frac{1}{4}NW\frac{1}{4}$	40.00
35			$SE\frac{1}{4}SE\frac{1}{4}$	40.00
5	57N	3W	Lot 5	40.00
33	58N	4W	Lot 7	22.50
8	60N	1E	$SW\frac{1}{4}SW\frac{1}{4}$	40.00
18	60N	1E	$NE\frac{1}{4}NE\frac{1}{4}$	40.00
27	61N	1E	$S\frac{1}{2}$	320.00
28	61N	1E	$E\frac{1}{2}SE\frac{1}{4}$	80.00

TOTAL ACREAGE

5,081.65

GRANDMOTHER MOUNTAIN

LEGAL DESCRIPTION AND ACREAGE

Sec.	Twp.	Rge.	Subdivision	Acreage
12	43N	1E	S $\frac{1}{2}$	320.00
14			NE $\frac{1}{4}$ NE $\frac{1}{4}$	40.00
10	43N	2E	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40.00
12			S $\frac{1}{2}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$	120.00
13			N $\frac{1}{2}$ N $\frac{1}{2}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$	200.00
14			N $\frac{1}{2}$ NE $\frac{1}{4}$	80.00
15			SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$	80.00
18			E $\frac{1}{2}$, Lot 1	350.01
20			NW $\frac{1}{4}$ NW $\frac{1}{4}$	40.00
25			NE $\frac{1}{4}$ NE $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$	120.00
28			S $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$	120.00
33			E $\frac{1}{2}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$	200.00
34			S $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$	240.00
35			S $\frac{1}{2}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$	440.00
19	43N	3E	E $\frac{1}{2}$ SE $\frac{1}{4}$	80.00
20			S $\frac{1}{2}$	320.00
28			W $\frac{1}{2}$ E $\frac{1}{2}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$	280.00
29			NW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ S $\frac{1}{2}$	200.00
30			S $\frac{1}{2}$ SE $\frac{1}{4}$	80.00
31			E $\frac{1}{2}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$	360.00
32			W $\frac{1}{2}$, W $\frac{1}{2}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$	480.00
33			N $\frac{1}{2}$ N $\frac{1}{2}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$	360.00
34			NW $\frac{1}{4}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$	160.00
14	42N	1E	SW $\frac{1}{4}$ SW $\frac{1}{4}$	40.00
1	42N	2E	E $\frac{1}{2}$ SE $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$	160.00
3			Lots 1, 2, SW $\frac{1}{4}$ NE $\frac{1}{4}$	134.34
4			Lots 2,3	93.38
11			E $\frac{1}{2}$ NW $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$	160.00
12			SW $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$	80.00
			TOTAL ACREAGE:	<u>5,377.73</u>

LITTLE SALMON
LEGAL DESCRIPTION AND ACREAGE

Sec.	Twp.	Rge.	Subdivision	Acreege
1	23N	1E	Lots 1,2,3, S $\frac{1}{2}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$	480.18
3			Lots 1,2,3, S $\frac{1}{2}$ NE $\frac{1}{4}$	200.27
10			SW $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$	240.00
11			NE $\frac{1}{4}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$	120.00
12			SE $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$	120.00
14			All	640.00
15			E $\frac{1}{2}$, E $\frac{1}{2}$ NW $\frac{1}{4}$	400.00
22			N $\frac{1}{2}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$	160.00
23			NE $\frac{1}{4}$ SE $\frac{1}{4}$, S $\frac{1}{2}$ S $\frac{1}{2}$	200.00
26			N $\frac{1}{2}$, SW $\frac{1}{4}$ W $\frac{1}{2}$ SE $\frac{1}{4}$	560.00
27			E $\frac{1}{2}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$	480.00
34			SW $\frac{1}{4}$ SE $\frac{1}{4}$	40.00
35			W $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$, S $\frac{1}{2}$	560.00
1	22N	1E	Lots 1,2,3,4, SW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$	279.20
2			Lots 1,2,3,4 SE $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$	359.04
3			Lots 1,2 N $\frac{1}{2}$ SE $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$	199.78
13			NE $\frac{1}{4}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ S $\frac{1}{2}$	200.00
14			SE $\frac{1}{4}$ SE $\frac{1}{4}$	40.00
23			NE $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$	80.00
24			N $\frac{1}{2}$, N $\frac{1}{2}$ S $\frac{1}{2}$, S $\frac{1}{2}$ SE $\frac{1}{4}$	560.00
25			E $\frac{1}{2}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$	520.00
35			E $\frac{1}{2}$ SE $\frac{1}{4}$	80.00
21			N $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$	280.00
27			SW $\frac{1}{4}$ NW $\frac{1}{4}$, W $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$	160.00
28			SE $\frac{1}{4}$ NE $\frac{1}{4}$, W $\frac{1}{2}$ NE $\frac{1}{4}$, W $\frac{1}{2}$, SE $\frac{1}{4}$	600.00
33			E $\frac{1}{2}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$, S $\frac{1}{2}$ S $\frac{1}{2}$	280.00
34			W $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$	<u>240.00</u>
TOTAL ACREAGE				8,078.69

PAYETTE LAKES

I-14355

LEGAL DESCRIPTION AND ACREAGE

Sec.	Twp.	Rge.	Subdivision	Acreage
22	17N	2E	N $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$	120.00
17	17N	4E	E $\frac{1}{2}$	320.00
21	17N	4E	S $\frac{1}{2}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$	240.00
22	17N	4E	SE $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$, E $\frac{1}{2}$ SE $\frac{1}{4}$	160.00
33	17N	4E	NE $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$	320.00
34	17N	4E	SE $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$	360.00
35	17N	4E	NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$	520.00
6	18N	4E	LOT 1	39.93 •
9	18N	4E	S $\frac{1}{2}$	320.00 •
17	18N	4E	SE $\frac{1}{4}$ NE $\frac{1}{4}$	40.00
19	18N	4E	E $\frac{1}{2}$ E $\frac{1}{2}$	160.00
20	18N	4E	W $\frac{1}{2}$ W $\frac{1}{2}$	160.00
25	20N	3E	E $\frac{1}{2}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$	<u>440.00 •</u>
TOTAL ACREAGE:				3,199.93

SOUTHWEST IDAHO

I-14356

LEGAL DESCRIPTION AND ACREAGE

Sec.	Twp.	Rge.	Subdivision	Acreage
3	8N	3E	SW $\frac{1}{4}$ SE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$	200.00
10	8N	3E	NW $\frac{1}{4}$ NE $\frac{1}{4}$	40.00
3	9N	3E	Lots 3, 4, N $\frac{1}{2}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$	171.25
11	9N	3E	S $\frac{1}{2}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$	160.00
35	9N	3E	All	622.75
1	9N	4E	LOTS 1,2,3,4, S $\frac{1}{2}$ N $\frac{1}{2}$, S $\frac{1}{2}$	570.24
2	9N	4E	SE $\frac{1}{4}$ NE $\frac{1}{4}$, Lot 1, N $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$	181.65
5	9N	4E	S $\frac{1}{2}$	320.00
6	9N	4E	All	581.70
11	9N	4E	NE $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$	200.00
12	9N	4E	All	640.00
13	9N	4E	N $\frac{1}{2}$, N $\frac{1}{2}$ N $\frac{1}{2}$, Lot 4	521.40
22	10N	3E	S $\frac{1}{2}$ SE $\frac{1}{4}$	80.00
23	10N	3E	S $\frac{1}{2}$ SW $\frac{1}{4}$	80.00
26	10N	3E	W $\frac{1}{2}$	320.00
27	10N	3E	All	640.00
28	10N	3E	E $\frac{1}{2}$ SE $\frac{1}{4}$	80.00
33	10N	3E	NE $\frac{1}{4}$ NE $\frac{1}{4}$	40.00
34	10N	3E	NW $\frac{1}{4}$ NW $\frac{1}{4}$	<u>40.00</u>
TOTAL ACREAGE:				5,488.99

LIST OF MEMBERS FOR 1991
MEMBERSHIP OF LEAS

1991 LEAS - EXECUTIVE OFFICE
1000 1st St., Suite 200, Lincoln, Nebraska 68502
Professional Hours: Monday - Friday, 9:00 AM - 5:00 PM

APPENDIX B

(Phone)

MEMBERS
MORAN, Gordon R.
MORAN, Paul E.
MORAN, Paul R.
MORAN, Paul R.
MORAN, Paul R.
MORAN, Paul R.
MORAN, Paul R.
MORAN, Paul R.
MORAN, Paul R.
MORAN, Paul R.

Director
Assistant Director
Secretary
Executive Director
Administrative Secretary
Administrative Secretary
Administrative Secretary
Administrative Secretary
Administrative Secretary
Administrative Secretary

LEAS MEMBERS
MORAN, Paul R.
MORAN, Paul R.
MORAN, Paul R.
MORAN, Paul R.
MORAN, Paul R.
MORAN, Paul R.
MORAN, Paul R.
MORAN, Paul R.
MORAN, Paul R.
MORAN, Paul R.

Chief Financial Officer
Accountant
Accountant
Accountant
Accountant
Accountant
Accountant
Accountant
Accountant
Accountant

LEAS MEMBERS

LEAS MEMBERS

MORAN, Paul R.
MORAN, Paul R.
MORAN, Paul R.

Executive Director
Executive Director
Executive Director

LIST OF PERSONNEL FOR STATE
DEPARTMENT OF LANDS

STATE STAFF - DIRECTOR'S OFFICE
Room 121, State Capitol Building, Boise, Idaho 83720
 (Switchboard Phone Number: 384-3280)

EXECUTIVE

TROMBLEY, Gordon C.
 GILLETTE, Jack E.
 KISABETH, Fred A.
 KEMPTHORNE, Dirk A.
 BROGAN, John B.
 BALDWIN, Frances G.
 SHEA, Carol J.
 TUDEHOPE, Marlys J.

(Phone)
 384-3284
 384-3282
 384-2864
 384-3283
 384-2598
 384-2269
 384-2598
 384-3280
 384-3280

Director
 Assistant Director
 Deputy Assistant Director
 Executive Assistant to Director
 Administrative Assistant
 Administrative Secretary
 Land Board Secretary
 Senior Secretary
 Secretary & Receptionist

FISCAL SECTION

BESS, Edward J.
 STEPHENSON, Paul J.
 STEWART, Mary J.
 JACKSON, Tillie M.
 BAXTER, Terri
 WILKERSON, Ruby A.
 HO, Susan L.

384-2278
 384-2278
 384-2839
 384-2839
 384-2839
 384-2839
 384-2839

Chief Fiscal Officer
 Accountant/Auditor
 Accountant I
 Accounting Technician
 Account Clerk II
 Account Clerk I
 Account Clerk I

SUPPORT SERVICES GROUP

PAYROLL & PERSONNEL

WINKLE, Alan H.
 PISTEY, Joan A.
 REESER, Dianne

384-3171
 384-3669
 384-3669

Personnel Director
 Payroll & Personnel Clerk
 Senior Clerk

PLANNING - (801 Capitol Blvd.)

THALDORF, Lynn H. 384-3837

Natural Resource Planner

PROPERTY & PURCHASING

HANCOCK, James E. 384-2532
KISCHKO, Fredda 384-2532
MARKEL, Duff 384-2532

Property & Purchasing Officer
Senior Clerk
Property & Purchasing Aide

TECHNICAL SERVICES - (801 Capitol Blvd.)

MILLER, Ray A. 384-3816
GRUEHAGEN, David J. 384-3864
MOORE, Jimmie A. 384-3958
LAWRENCE, Dallas D. 384-3958
MYERS, Felicity N. 384-3864
SEDLACEK, Marty 384-3116

Supervisor, Technical Services
Forest Inventory Specialist
Map Coordinator
Senior Draftsman
Records Technician
Secretary

FOREST PRODUCTIVITY STUDY - PNRC. - (801 Capitol Blvd.)

OLSON, Kurt N. 384-3117
CARLSON, Jay K. 384-3864
384-3116

Supervisor, Forest Productivity
Forest Productivity Analyst
Secretary

DIVISION OF FOREST RESOURCES

BUREAU OF FOREST FIRE PROTECTION - (801 Capitol Blvd.)

CLAASSEN, Maria L. 384-3117
384-3116

Program Director, Keep Idaho Green
Secretary

DIVISION OF LANDS AND RANGE

TIDWELL, David P. 384-3688

Administrator, Division of Lands & Range

BUREAU OF LANDS

MITCHELL, Willard J. 384-2934
McNARIE, Donald F. 384-2944
VANDERHOEF, Bonnie B. 384-2854
BUCKMASTER, Ann R. 384-2944

Chief, Bureau of Lands
Land Records Specialist
Easements Clerk & Receptionist
Land Sales Clerk

LAND EXCHANGE SECTION

EVAN, Joseph M.
SHAPP, Robert L.

384-2933
384-2419

Supervisor, Land Exchange
Rangeland Exchange Specialist
(801 Capitol Blvd.)

BUREAU OF RANGE MANAGEMENT

HOBBS, Donald E.
PETERS, Virginia
RIBEIRO, Katherine I.

384-3310
384-3246
384-3246

Chief, Bureau of Range Management
Lease Clerk
Senior Clerk

DIVISION OF EARTH RESOURCES

MALEY, Terry S.
HARRIS, Patricia A.

384-3568
384-3689

Administrator, Division of Earth Resources
Secretary

BUREAU OF MINERALS

ZIEROLD, Arthur D.
MIDDLEMIST, Edward S.
BROWN, Sandra J.

384-3569
384-3610
384-3617
384-3609

Chief, Bureau of Minerals & Energy
Mineral Resource Specialist
Mineral Resource Specialist
Secretary

BUREAU OF NAVIGABLE WATERS

SCRIBNER, William A.

384-3567

Chief, Bureau of Navigable Waters

BUREAU OF MINES AND GEOLOGY - (University of Idaho, Moscow, Idaho 83843)

MILLER, Maynard M.	805-6785	Chief, Bureau of Mines & Geology
SAVAGE, Carleton M.	895-7991	Associate Chief
SHOWLES, Charles R..	805-6785	Supervisory Geologist
BERNETT, Earl H.	805-7991	Supervisory Geologist
	885-7991	Supervisory Geologist
<u>BORNICHSEN, Bill</u>	805-7991	Senior Geologist
KEELY, Joseph F., Jr.	805-7991	Chemist I
STEWART, Roger C.	885-7991	Geologic Publications Editor
GASTON, Mary P.	885-7991	Geology Aide .
FREL, Sandra K.	885-7991	Secretary
HAARR, Julie	805-7991	Senior Clerk
PRATT, Marilyn K.	885-7991	Clerk

SOIL CONSERVATION COMMISSION - (801 Capitol Blvd.)

SCOTT, Doyle L.	384-3865	Administrative Officer
FAUDE, Wayne R.	384-3709	Resource Conservationist
COX, Lynann	384-2148	Secretary

WATER QUALITY STUDY - (801 Capitol Blvd.)

HOLSTINE, Leland L.	384-2445	Water Quality Coordinator
PRESSLEY, Debbie	384-2445	Senior Clerk

STATE STAFF - COEUR D'ALENE FIELD HEADQUARTERS, Phone 664-2171
P. O. Box 670 (701 River Avenue), Coeur d'Alene, Idaho . 83814

DIVISION OF FOREST RESOURCES

JONES, Donald D.
MAUCK, Virginia E.
FRITZ, JoAnne
HAYRES, Nancy K.

Administrator, Division of Forest Resources
Account Clerk II
Secretary
Secretary

BUREAU OF TIMBER MANAGEMENT

CLARK, Walter R.
ROBINS, Irene M.

Chief, Bureau of Timber Management
Timber Sale Clerk

FOREST MANAGEMENT PLANNING SECTION

WEADICK, Mark E.
MEIER, Marcena M.

Supervisor, Forest Management Planning
Senior Clerk

RECREATION SECTION

VANDENBERG, Marvin G.

Supervisor, Recreation Section

SCALING SECTION

JOHNSON, LeRoy H.

Supervisor, Scaling Section

MURPHY, Matilda O.

Senior Scaler
Scaling Clerk

BUREAU OF PRIVATE FORESTRY

ALMAS, Dewey P.
LIVINGSTON, R. Ladd
SCHWARDT, John W.
JOHNSON, Rex S.
BECKMAN, David P.

Chief, Bureau of Private Forestry
Forest Entomologist
Forest Pathologist
Forest Products Utilization Forester
Entomology Technician

BUREAU OF FOREST FIRE PROTECTION - Phone 664-2171

CRUMB, John E.

Chief, Bureau of Forest Fire Protection

HAZARD MANAGEMENT SECTION

LEWIS, Norman F.

Supervisor, Hazard Management Section
Hazard Management Compliance Specialist
Hazard Management Clerk & Receptionist

EDWARDS, Evelyn M.

SUPPORT SERVICES GROUP

MAINTENANCE OPERATIONS SECTION

McCLOSKEY, William E.
DAETWEILER, James W.
COX, Marjorie

Supervisor, Maintenance Operations
Equipment Operator-Construction
Cutodian I

6

EQUIPMENT REPAIR SHOP - (Industrial Park) Phone 664-3368

COOPER, Neil V.
MARSH, Arthur L.
TALE, Maurice M.

Shop Foreman
Mechanic
Body & Fender Mechanic

WAREHOUSE - (Industrial Park)

Phone 667-8522

CROOKS, M. Jerrell
PETERS, Albert C.
WOMBLE, Valerie

Warehouse Manager
Construction Foreman
Senior Clerk

DIVISION OF EARTH RESOURCES - Phone 664-2171

BUREAU OF NAVIGABLE WATERS

KILER, Keith J.
PARKER, Rodney A.

Stream & Lakebed Specialist
Stream & Lakebed Specialist

STATE SUPERVISORY AREA OFFICES

PRIEST LAKE AREA OFFICE, Phone 443-2516
ROUTE 1, Box 284, Coolin, Idaho 83821

GILL, C. Dexter
WAISAMEN, Peter B.
GREERE, Raymond L.
PALIK, John R.
SHAVER, John R.
WALDEMARSON, Jack L.
PARKER, Robert D.
SMITH, Earl O., Jr.
GORWICK, Vincent D.
BROHN, Richard L.
BENNER, Elissa R.

Area Supervisor
Asst. Area Supervisor, Forest Management
Asst. Area Supervisor, Fire Control
Administrative Assistant
Senior Forester
Senior Forester, Forest Improvement Program
Resource Technician, Forest Improvement
Asst. Forest Warden/Pilot
Mechanic
Equipment Operator-Construction
Senior Clerk

PEND OREILLE LAKE AREA OFFICE, Phone 263-5104
P. O. Box 909 (Hwy 200 at Westwood), Sandpoint, Idaho 83864

REEB, Michael C.
FRYBERG, Lawrence W.
SPICKELMIRE, Lowell F.
EDSTROM, Dale C.
JAINSON, Roger C.
CLARK, Dennis D.
SIMM, William E.
PHILLIPS, Harry G.
CHICKS, Dohnee E.

Area Supervisor
Asst. Area Supervisor, Forest Management
Asst. Area Supervisor, Fire Control
Woodland Forester
Senior Forester
Senior Forester, Forest Improvement Program
Resource Technician, Forest Improvement
Equipment Operator-Construction
Secretary

PEND OREILLE LAKE FOREST PROTECTIVE DISTRICT OFFICE, Phone 263-5104
P. O. Box 909 (Hwy 200 at Westwood), Sandpoint, Idaho 83864

JORDAN, Willis D.
BAKKEH, Douglas E.

Forest Warden
Assistant Forest Warden

KOOTENAI VALLEY FOREST PROTECTIVE DISTRICT OFFICE, Phone 267-2714
Route 1, Bonners Ferry, Idaho 83805

CADNUM, James K.
HAAS, William F.
WALLACE, Larry R.

Woodland Forester
Forest Warden
Assistant Forest Warden

MICA FOREST PROTECTIVE DISTRICT OFFICE, Phone 664-8197
Route 1, Box 243, Coeur d'Alene, Idaho 83814

HOLLINGSWORTH, Alan L.
ZYSK, John W.
SCHMIDT, Terry J.

Woodland Forester
Forest Warden
Assistant Forest Warden

ST. JOE AREA OFFICE, Phone 245-4551
1806 Main Avenue, St. Maries, Idaho 83861

JOHNSON, Dean W.
WIGGINS, Winston A.
COWIN, William A.
THORNTON, James D.
GOODWIN, W. Wilson
HAY, John A.
McCALDEN, Larry D.
LITZ, Ronald A.
FURMAN, Richard F.
DAVIDEK, William M.
SERBONICH, William J.
WOODRING, David E.
DAVIS, Thomas L.
FAULEY, Howard F.
MOORE, Beverly A.
BRADBURY, Margaret A.

Area Supervisor
Asst. Area Supervisor, Forest Management
Asst. Area Supervisor, Fire Control
Woodland Forester
Woodland Forester
Forestland Exchange Specialist
Senior Forester
Senior Forester, Forest Improvement Program
Senior Forester, Forest Improvement Program
Forester
Forester
Forester
Forester
Equipment Operator-Construction
Secretary
Senior Clerk

WEST ST. JOE FOREST PROTECTIVE DISTRICT OFFICE, Phone 245-4551
1806 Main Avenue, St. Maries, Idaho 83861

SNYDER, Richard L.
GRAY, James R.
SLACK, Arlo W.

Forest Warden
Assistant Forest Warden
Resource Technician-Slash

CATALDO FOREST PROTECTIVE DISTRICT OFFICE, Phone 682-2433
P. O. Box 219, Kingston, Idaho 83839
(Located on Access Road Between Cataldo & Kingston)

STAM, Joseph C.
BURKE, Robert L.

Forest Warden
Assistant Forest Warden

CLEARWATER AREA OFFICE, Phone 476-4587
Route 1, Box 169-A, Orofino, Idaho 83544
(Adjacent to National Guard Armory on Highway 12)

ALDRICH, Cecil L.
STOCKTON, Donald R.
PRESTON, John E.
CRAFT, Roland E.
CARR, Alvin E.
EICHERT, Joseph P.
KEAFER, Sheldon W.
REA, Kenneth N.
SHARDIC, Lawrence J.
HECKER, Albert C.
ROBERTS, John P.
HANNA, Michael
HASZ, David D.
SHIPLETT, Brian D.
WALLACE, Richard A.
UNDERDOWN, James J.
HECK, Jan M.
McPHERSON, Kathy A.

Area Supervisor
Asst. Area Supervisor, Forest Management
Asst. Area Supervisor, Fire Control
Woodland Forester
Land & Range Specialist
Senior Forester, Forest Improvement Program
Senior Forester, Forest Improvement Program
Senior Forester
Senior Forester
Forester
Forester
Forester
Resource Technician
Assistant Forest Warden
Equipment Operator-Construction
Mechanic
Secretary
Senior Clerk

CRAIG MOUNTAIN FOREST PROTECTIVE DISTRICT OFFICE, Phone 924-5622
P. O. Box 66 (010 Lorahama), Craigmont, Idaho 83523

LILLEHAUG, John A.
SPEKKER, Vern G.
MATHISON, Ralph C.

Woodland Forester
Forest Warden
Assistant Forest Warden

MAGGIE CREEK FOREST PROTECTIVE DISTRICT OFFICE, Phone 935-2141
P. O. Box 396 (Maple Avenue at 1st Street), Kamiah, Idaho 83536

BOVEY, Richard
SMITH, Marlon M.

Forest Warden
Assistant Forest Warden

KENDRICK FOREST PROTECTIVE DISTRICT OFFICE, Phone 289-4711
P. O. Box 188 (R.R. Avenue at 9th Street), Kendrick, Idaho 83537

NOREN, Nolan H.
BENJAMIN, Richard V.
KECHTER, Roger D.

Senior Forester
Forest Warden
Assistant Forest Warden

TROY WOODLAND FORESTER OFFICE, Phone 835-2321
P. O. Box 303, Troy, Idaho 83871

RICKERD, James W.

Woodland Forester

PAYETTE LAKES AREA OFFICE, Phone 534-7125
P. O. Box 951, McCall, Idaho 83538
(Pine Street, Across from Payette Lakes Lumber Yard)

PETZAK, William J.
PARKER, John K.
ALLEK, Michael R.
ALDRICH, Donald R.
TAYLOR, Bryce D.
DYER, Roy C.
PERRY, Lorena L.

Area Supervisor
Asst. Area Supervisor, Forest Management
Woodland Forester
Senior Forester, Forest Improvement Program
Senior Range Manager
Forester
Senior Clerk

SOUTHWESTERN IDAHO AREA ICE, Phone 384-3488
8355 West State Street, Boise, Idaho 83702

ATKINSON, Alan G.
HORN, Richard L.
BILADEAU, Jay G.
HALL, Max L.
MURDOCK, Lowell S.
CARROLL, Michael H.
HILL, Phillip W.
BRUNA, John A.
DULHANTY, Phillip E.
TARTER, Edward J.
MARTIN, Dale E.

PHILLIPS, Sharon L.

Area Supervisor
Asst. Area Supervisor, Forest Management
Asst. Area Supervisor, Range Management
Senior Range Manager
Senior Range Manager
Senior Scaler
Senior Forester, Forest Improvement Program
Forester
Resource Technician, Forest Improvement
Forest Warden
Assistant Forest Warden
Mechanic.
Secretary

SOUTH CENTRAL IDAHO AREA OFFICE, Phone 934-5606
P. O. Box 149 (Former T. B. Hospital, South Plain), Gooding, Idaho 83330

KESTIE, Howard K.
HOWELL, Linda
GILLER, Walter J.
MORGAN, DeAnn

Area Supervisor
Range Manager
Range Technician
Senior Clerk

EASTERN IDAHO AREA OFFICE, Phone 523-5398
Route 1, Box 400 (Beeches Corner), Idaho Falls, Idaho 83401

BEHEDICK, Lorris D.
HERSLEY, Darrell F.
WOOD, James B.
SHARP, Merlin F.
PAGE, Dennis L.
KELSEY, Steve E.
WHITTAKER, Perry A.
SALIHAS, Frederick
KIDD, George L.
RHODES, Donald E.
OELS, James J.
HUMERICK, Marsha L.
LITTLETON, Kathy

Area Supervisor
Asst. Area Supervisor, Forest Management
Asst. Area Supervisor, Range Management
Senior Range Manager
Senior Forester, Forest Improvement Program
Appraiser II
Range Manager
Range Manager
Resource Technician
Forest Warden
Assistant Forest Warden
Secretary
Senior Clerk

STATE BOARD OF SCALING PRACTICES, Phone 746-3396
517 Thain Road, Lewiston, Idaho 83501

GOTZ, Henry J.
BAUER, Ernest H.
BRADBURY, Melvin M.
WALN, Loraine D.

Executive Director
Check Scaler
Check Scaler
Secretary

CLEARWATER-POTLATCH TIMBER PROTECTIVE ASSOCIATION, Phone 476-5612
P. O. Box 546, Orofino, Idaho 83544

KOPPANG, Milton O.

Chief Fire Warden

SOUTHERN IDAHO TIMBER PROTECTIVE ASSOCIATION, Phone 634-2268
P. O. Box 1003, McCall, Idaho 83638

KIRK, Robert J.

Fire Warden

T. B. HOSPITAL FACILITY, Phone 934-5606
P. O. Box 149 (South Main), Gooding, Idaho 83330

MILLER, John W.
ALLRED, Paul O.
STEVENS, Edwin L.
BEERLY, Jerry L.
BOLTON, Jon F.

Maintenance Foreman
Bldg. Maintenance Man II
Heating Plant Operator
Bldg. Maintenance Man I
Bldg. Maintenance Man I

Department of Personnel

Office of Labor Relations

1000 State Office
1000 State Office
1000 State Office

Telephone
2000-1000
2000-1000

Position	Name	Salary
Chief of Office	William L. ...	\$1200
Asst. Chief of Office	...	\$1100
Secretary	...	\$1000
Chief Clerk	...	\$900

Division of Planning and Developmental Services

Division Chief	...	\$1300
Secretary	...	\$1000

Office of Educational Services

Executive Dir. Sec.	...	\$1500
Asst. Dir. Sec.	...	\$1400
Administrative Development	...	\$1300
Administrative Development	...	\$1200
Administrative Development	...	\$1100
Administrative Development	...	\$1000
Administrative Development	...	\$900
Administrative Development	...	\$800

Office of Planning and Development

Executive Dir. Sec.	...	\$1400
Asst. Dir. Sec.	...	\$1300
Administrative Development	...	\$1200
Administrative Development	...	\$1100

Public Affairs Staff

Chief	...	\$1300
Asst. Chief	...	\$1200
Secretary	...	\$1100
Chief Clerk	...	\$1000

Administrative Staff

Chief	...	\$1200
Secretary	...	\$1100
Chief Clerk	...	\$1000
Chief Clerk	...	\$900
Administrative Development	...	\$800
Administrative Development	...	\$700

APPENDIX C

DIRECTORY OF PERSONNEL

BUREAU OF LAND MANAGEMENT
 Idaho State Office
 Box 042 - Federal Building
 550 W. Fort Street
 Boise, Idaho 83724

Telephone:
 Commercial: 208/38 -....
 FTS: 55 -....

<u>POSITION</u>	<u>NAME</u>	<u>EXT.</u>
<u>State Director's Office</u>		
State Director	William L. Mathews	41401
Assoc. State Director	Larry L. Woodard	41402
Secretary	Rosemary M. Saunders	41402
Clerk Steno	Linda Muffley	41402
<u>Division of Planning and Environmental Coordination</u>		
Division Chief	Vacant	--
Secretary	Kathryn E. Miller	41578
<u>Branch of Environmental Coordination</u>		
Supervisory Env. Spec.	Harold E. Isaacson	41513
Writer Editor	Michael A. Sawyers	41819
Environmental Coordinator	Jimmie A. Buxton	41767
Environmental Coordinator	John F. Rice	41683
Wildlife Management Biologist	Robert C. Korfhage	41795
Range Conservationist	Earl (Gary) Carson	41795
Range Conservationist	Kenneth R. McAdams	41616
Archaeologist	Ross A. Flayharty	41616
Clerk Typist	Roberta L. Thompson	41578
<u>Branch of Planning Coordination</u>		
Program Analysis Officer	Richard M. Huff	41491
Regional Economist	Douglas B. Stone	41553
Natural Resource Spec.	Donald L. Watson	41492
Natural Resource Spec.	Deane H. Zeller	41818
Clerk Typist	Vacant	41578
<u>Public Affairs Staff</u>		
Chief	Frederick T. Cook	41770
Environmental Spec.	Richard Lingenfelter	41771
Writer-Editor Trainee	Kris V. Long	41915
Clerk Steno	Cheryl M. Konst	41406
Clerk Typist	Patricia A. Claymiller	41406
<u>Division of Resources</u>		
Chief	Rex D. Colton	41484
Secretary	Margaret Leaman	41405
Clerk Steno	Judy Canning	41405
Clerk Steno	Rosie Marsh	41405
Fisheries Biologist	Cari L. Armour	41892
Mining Engineer	Edgar D. Barnes	41470

Division of Resources
(Continued)

<u>POSITION</u>	<u>NAME</u>	<u>EXT.</u>
Outdoor Rec. Planner	Richard A. Goler	41432
Archaeologist	Richard R. Harrison	41424
Range Conservationist	Jens C. Jensen	41482
Landscape Architect	David A. Kissei	41891
Forester	Merton E. Lombard	41860
Natural Resource Spec.	William T. Mabutt	41425
Wilderness Coordinator	George H. Weiskercher	41748
Soil Scientist	Gary A. Madenford	41447
Wildlife Management Biol.	Lanny O. Wilson	41498
Realty Specialist	J. Dave Brunner	41426

Division of Technical Services

Chief	Lorin J. Welker	41407
Secretary	Alice M. Morache	41407
Sup. Criminal Investig.	A. Daniel Hughes	41570
Chief, Appraiser	Vacant	41897
Appraiser	Dave E. Holman	41898
Appraiser	Paul Dearstyne	41330
Appraiser	Kenneth Irons	41320
Appraiser	Kenneth Wood	41390
Clerk Typist	Stephanie Hargrove	41898
Chief, Communications	John R. Barkdull	41655
Chief, Fire Control	Donald B. Snyders	41446
Fire Control Officer	Charles E. Bate	41483
Range Technician	Lois Edmunds	41483
Chief, Engineering	Lowell C. Dahl	41350
Agric. Engineer	C. Ronald Streng	41879
Engineering Tech.	Gary L. Stevens	41878
Chief, Cadastral Survey	Joseph S. Gawron	41438
Land Surveyor	Donald N. Duren	41448
Land Surveyor	Gerald Hochstrasser	41448
Land Surveyor	Pete Oswald	41448
Land Surveyor	Ronald Brown	41448
Land Surveying Tech.	Patricia A. Webb	41448
Chief, L&M Operations	Vincent S. Strobel	41417
Realty Specialist	William E. Ireland	41597
Land Law Examiner	Eugene E. Babin	41437
Land Law Examiner	Vacant	41413
Land Law Examiner	Ordeen H. Yeary	41471
Land Law Examiner	Rita C. Fortin	41864
Mining Engineer	Alvan B. Brunelle	41481
Geologist	Thomas Woodward	41823
Clerk Steno	Joann H. Bradley	41417
Clerk	Linda Reichert	41417
Clerk Typist	Cheryl Rapp	41407
Chief, Cartographic	Philip J. Marshall	41430
Cartographic Tech.	Charles J. Hall	41448
Cartographic Aid	Kenneth W. Dehlin	41430
Cartographic Tech.	Barbara Edney	41430
Cartographic Aid	David Hannans	41430
Cartographic Aid	Clerence Ouelette	41430
Cartographic Aid	Laurie Anderson	41430

POSITION

NAME

EXT.

Division of Management Services

Chief	J. Richard Rowley	41422
Chief, Adm. Management	Walter C. Hankins	41408
Program Analyst	Douglas S. Bond	41654
Safety Officer	Charles L. Bryant	41431
Chief, Records & Data	Rose Gastell	41400
Secretary	Rosemary L. Transue	41434
Management Spec. (Trainee)	Judith A. Shindle	41435
Personnel Clerk	Sandra K. Courtney	41472
Clerk Steno	Nadine Williamson	41434
Procurement Assistant	F. Sharlene Sheirbon	41418
Procurement Clerk	Doris Chadek	41418
Accts. Maint. Clerk	Kay G. Freeman	41416
Legal Clerk	Victoria McCollough	41416
Legal Clerk	Emma Green	41416
Clerk	Michael Barnes	41416
Public Contact Spec.	Willa H. Neff	41415
Records Specialist	Nicholas G. Kleng	41129
Legal Clerk	Sharron L. Derooin	41143
Legal Clerk	Josephine Anderson	41130
Cartographic Tech.	Karrie J. Garth	41129
Management Assistant	Jeanne I. Pollock	41436
Records Manager	Shirley A. Fisher	41436
Mail & Xerox Clerk	Richard McCoy	41473
Employee Dev. Specialist	Patti Brunner	41828
Procurement Analyst	William F. Price	41890
Property Clerk	Steve Lewis	41923
Clerk Typist	Rosemary Brady	41428
Legal Clerk	Pamela Ann Wood	41143
Legal Clerk	Gloria Dahlin	41723

COEUR D'ALENE DISTRICT OFFICE
P.O. Box 1889
1808 North Third Street
Coeur d'Alene, Idaho 83814

Telephone: Area Code 208
FTS: 442-9356
Comm: 667-2561
Ext. 356

<u>POSITION</u>	<u>NAME</u>	<u>EXT.</u>
<u>Office of District Manager</u>		
District Manager	Martin J. Zimmer	356
<u>Division of Administration</u>		
Administ. Officer	James W. Hamilton	356
Clerk Steno	Pearl E. Lee	356
Clerk Typist	Sheryl Webb	356
Mail & File Clerk	Kathryn Prather	356
Procurement Clerk	Betty Jackson	356
Clerk Steno	Vacant	
<u>Division of Resources</u>		
Chief	Wayne Zinne	356
Forester	Augusts (Gus) Vitolins	356
Natural Res. Spec.	Jerry L. Kidd	356
Realty Spec.	Clarence R. Munk	356
Wildlife Biologist	Joseph Lint	356
Hydrologist	Steven R. Sagstad	356
Archaeologist	Larcie D. Burnett	356
Civil Eng. Tech.	Leon C. Evans	356
Recreation Maint.	Mark L. Sweeney	356
Engineering Tech.	Paul H. Baker	356
Clerk (Forestry)	Nancy L. Ledridge	356
Soil Scientist	Vernon S. Webb	356
Geologist	Dave Williams	356
<u>Emerald Empire Resource Area</u>		
Area Manager	Lynn C. Sheldon	356
Forester	Richard C. Prather	356
Forester	Allan D. Fonken	356
Realty Spec.	Robert W. Olson	356
Forester	Ralph M. Cornwall	356
Wildlife Biologist	Brent D. Frazier	356
Forester	Laurence M. Kaiser	356
Forestry Tech.	Gordon Harnasch	356
Engineering Tech.	Richard G. Visintalner	356
Forestry Tech.	Michael Stimak	356

POSITION

NAME

EXT.

Cottonwood Resource Area Headquarters

Area Manager	Richard D. Harms	962-3245
Forester	Duane M. Edvenson	962-3245
Forester	Gerry L. Armitage	962-3245
River Ranger	Terry L. Kincaid	962-3245
Range Conserv.	Craig A. Johnson	962-3245
Range Tech.	Cliff Powers	962-3245
Area Clerk	Jaqueline L. Ripley	962-3245

BOISE DISTRICT OFFICE
230 Collins Road
Boise, Idaho 83702

Telephone:
FTS: 554-1582
Comm: 384-1582

POSITION

NAME

Office of District Manager

District Manager	Dean D. Bibles
Asst. District Manager	James Gabettas
Pub. Information Spec.	Michele D. Hudson

Division of Administration

Admn. Officer	Thomas K. Frandsen
Supv. Mgmt. Asst.	Kathryn A. Burrell
Legal Clerk	Julia M. Cannon
Clerk Typist	Ruth A. Dodge
Clerk Typist	Brenda J. Fralish
Purchasing Agent	Ora M. Huey
Mechanic	James H. Hutchins
Clerk Typist	Patricia H. Lewis
Clerk Typist	Annetta M. Lockard
Warehouseman	John L. Nordstrom
Warehouseman	Lloyd G. Richie
Mechanic	James H. Ross
Personnel Clerk	Barbara J. Teigen
Mail-File Clerk	Claudia E. Thorpe
Mechanic	W.E. Ward

Division of Operations

Sup. Nat Resc Spec	Henry Hammersmark
Electronics Tech	James L. Bishop
Engineering Tech	Juan A. Callao
Fire Control Officer	Clyde E. Gochnour
Engineering Tech	Tommy L. Hammack
Range Technician	Benjamin A. Haubrich
Civil Engineer	George D. House
Civil Engr. Tech.	Charles N. Priest
Maintenance Tech	Raymond W. Rhoades
Electronics Tech	Kenneth B. Wall
Asst. Fire Control Offr	Boyd Yee

POSITION

NAME

Division of Resource Management

Sup Nat Resc Spec	Alan B. Tripp
Nat Resc Spec	Raymond K. Jorgensen
Asst Rapt Res Biol	Albert R. Bammann
Range Conservationist	James E. Clark
Range Conservationist	Dana C. Danzer
Range Conservationist	Alice B. Doremus
Realty Specialist	Merle N. Good
Environmental Spec	Inez S. Graetzer
Forester	Lawrence F. Hanlon
Wildlife Biol.	Mark A. Hilliard
Raptor Resc Biol	Michael D. Kochert
Nat Resc Spec	Max P. Macfarlane
Outdoor Rec Planner	Walter H., Meyer, Jr.
Wildf Mgmt Biol	Michael L. Rath
Range Conservationist	Richard F. Roberts
Soil Scientist	Robert D. Roudabush
Wildf Biologist	Alan R. Sands
Fishery Biol.	Deborah C. Stefan
Archaeologist	Margaret L. Wyatt

Cascade Resource Area

Area Manager	Harold D. Sherrets
Forestry Tech	Weldon Bruegman
Realty Spec.	Gary L. Hall
Forester	Roger C. Hopson
Range Conservationist	Thomas L. Selner
Range Conservationist	David M. Thomas
Forester	William W. Yeager
Range Tech	Eugene G. Decker

BOISE DISTRICT ANNEX
2056 Commerce Avenue
Boise, Idaho 83705

Telephone: FTS: 554-1290
Comm: 384-1290

POSITION

NAME

Division of Administration
(Assigned to Annex)

Clerk	Joan L. Harris
Clerk Typist	Esther M. Joslin
Clerk Typist	Sharon J. Stewart

Bruneau Resource Area

Area Manager	Robert D. Rhelner, Jr.
Realty Specialist	Peter T. Cizmich, Jr.
Nat Resource Spec	Federick R. Jackson
Realty Specialist	John E. Jorenby
Wildf Mgmt Biol	Douglas A. Smithy
Range Technicain	Ralph E. Thompson
Nat Resc Spec.	Stanley L. Voshell

Jarblidge Resource Area

Area Manager	Robert C. Mitchell
Geologist	Terrance F. Anstett
Range Conservationist	Frank L. Bachman
Range Conservationist	Jerry D. Harryman
Realty Specialist	Allan H. Hoag
Realty Specialist	Richard H. Prange
Range Technician	Champ C. Ramsey, Jr.

Owyhee Resource Area

Area Manager	Oscar E. Anderson
Realty Specialist	Charles L. Boyer
Nat Resc. Spec.	Rhett V. Durfee
Range Conservationist	John V. Mount
Range Conservationist	Robert O. Stanger
Range Technician	John E. Whitley

Cultural Resource Information

The cultural resources within the selected lands are diverse and only partially inventoried. They reflect a variety of land use activities by several distinct groups. The recorded archaeological and historical sites, potential areas for additional sites and a brief description of the past land use activities comprise the existing environment for cultural resources.

Hoodoo

While some studies have been made of early man in northern Idaho (Butler 1968, Swanson 1968), the majority of the knowledge about the Indian groups stems from ethnographic reports. Consequently, the settlement distributions in northern Idaho for the Indian groups are described for the period just prior to Euro-American settlement. The subject land in the Hoodoo area fall within the Kalispel cultural area as delineated by Ray (1936). The Kalispel are salish speaking Indians and are linguistically grouped with the Chewelah, Upper Spokane and Middle Spokane. Ray further defines the Kalispel as part of the Northeastern Interior Salish cultural group. It should be noted that while the Kalispel shared a common dialect and cultural characteristics, they were not politically structured into a tribe. Instead, the Kalispel were segregated into several autonomoun village groups. The name Kalispel is from the Calispel lake camas grounds (Ray 1926:121).

Walker (1973) and Teit (1917) describe the subsistence pattern of the Kalispel as seasonal with a combination of hunting, fishing and gathering activities. Transportation was by foot or canoe with only a limited use of horses. Winter villages were generally located along waterways.

There were several important trails in the Idaho panhandle. One later became known as the Wild Horse Trail. This trail linked the Walla Walla area with the Wild Horse area in Canada. Peterson noted that the trail went up the Hoodoo Valley and along the north side of the Pend d'Oreille River (Boreson 1977).

While there are Kalispel village sites noted in the Idaho State Survey File, no aboriginal sites are recorded on the subject lands. There was prehistoric use of the area and some cultural resources may be anticipated on the subject lands. However, no systematic survey of the land has been made for indications of prehistoric quarries, campsites, or other archaeological sites.

The first Euro-American known to travel in the vicinity was David Thompson in 1809 (Boreson 1977:20). Until the 1860's only a few fur traders and homesteaders lived in the Kalispel country.

The placer mining in the Boulder Creek area in the 1860's attracted miners to the Idaho panhandle. Miners from the Walla Walla area used the Wild Horse Trail. By 1894, ore was being transported south via the Northern Railroad and wagon roads.

The early General Land Office survey of the area indicated a well defined transportation network of trails and wagon roads by 1910. The lakes and rivers were also important means of travel to the early settlers, fur trappers and miners. Several cabins and home-sites were noted on the original survey plats. In Section 34, T. 56N., R. 5W., a trash dump dating from around 1910 to 1930 is indicated as a potential site in the Idaho State Site Survey Records. Two historic sites, 10BR82 and 10BR84, are located in Section 35, T. 55N., R. 5W. very near the subject lands. A cabin, historic dump, several wooden structures and the remains of a railroad boxcar remain; however, their present condition is unknown.

While no historic sites are listed on the Idaho State Site Survey Record for the selected lands field reconnaissance by BLM employees indicated at least two potential sites. A cabin of unknown age is located in Section 2, T. 55N., R. 5W. Several prospecting pits and other artifacts associated with mining are located in Section 27, T. 61N., R. 1E. These potential sites should be recorded and evaluated for significance.

Grandmother Mountain

The subject lands in the Grandmother Mountain and Little Salmon River areas fall within the Nez Perce culture group. The Nez Perce are affiliated linguistically with the Sahaptin Stock. Geographically, the Nez Perce were located between the Plateau and Plains cultural regions and ethnographically exhibited characteristics of both. While the Nez Perce were organized into generally autonomous villages, there was some political solidarity especially during war times. The Nez Perce recognized a tribal council and war chief. (Marshall 1976, Spinden 1908, Swanton 1953, Walker 1973).

The Nez Perce subsistence pattern was seasonal with dependence on both salmon and bison. Camas roots were another important food source. Winter villages were generally located on waterways and many are identified in Schwede (1970).

An important Indian trail in the Grandmother area was the Clarkia-Montana trail. Boreson (1977:12) describes the numerous names this trail was referred to on the early maps and GLO plats. The trail linked Clarkia and St. Maries areas with De Borgia and Moose City. It was first used by the Indians and later by miners. Parts of the trail pass through the subject land in Section 28, 32 and 33, of T. 43N., R. 3E. The trail is noted on maps at the University of Idaho. A portion of the trail system is being nominated to the National Register of Trails in conjunction with the Forest Service.

Euro-American influx into the Grandmother Mountain area followed the general pattern of other parts of northern Idaho; occasional homesteaders, miners, and then loggers. Several cabins are shown on the 1905 GLO plats for the area. Grandmother Mountain was originally designated as Grand Meadow Mountain.

During the early 1900's, extensive logging was done in the Marble Creek drainage just north of the subject lands. The Forest Service has recorded many associated sites and has designated the area as an Historical District. Eligible sites will be nominated to the National Register of Historic Places.

A cabin is located on the subject lands in Section 18, T. 43N., R. 2E. It appears to be associated with fur trapping or a lone settler rather than the extensive logging activities. Another cabin (site 10SE181) is located in Section 11, T. 42N., R. 2E. and may be the only remaining structure of the Gold Center Townsite. A logging camp (10SE150) is located in Section 7, T. 4 N., R. 3E. and a corral in Section 27 of the same township. The subject lands have not been systematically surveyed; however, there is a high probability that additional sites associated with the early logging activities remain. Such sites, when inventoried, should be evaluated with respect to the Marble Creek Historical District.

Little Salmon

The subject lands in the Little Salmon area have not been surveyed for cultural resources. Several sites are recorded on the Idaho State Site Survey Record that are located in the vicinity of the subject lands. 101D45 and 101D46 are located in Section 29, T. 24N., R. 1E. and 101D47 is located in Section 9, T. 22N., R. 1E. Although no historical sites are recorded for the subject lands, several cabins, trails and roads were indicated on the early GLO surveys. Peebles (1971) wrote a comprehensive synopsis of the history of the Salmon River Basin. From his and other works referenced previously, it appears that there is a high probability of sites on the subject lands.

BLM LIBRARY
Rm 150A BLDG. 50
DENVER FEDERAL CENTER
P.O. BOX 25047
DENVER, CO 80225

