

Naneum Ridge to Columbia River



Washington
Department of
**FISH and
WILDLIFE**



WASHINGTON STATE
Natural Resources

DNR & WDFW RECREATION PLAN

RECREATION LAND SUITABILITY



Washington State Department of Natural Resources

DNR HISTORY

- Federal Enabling Act
- State Constitution

Recreation on lands managed by the Department of Natural Resources are governed by the Trust Mandate, the Multiple Use Concept RCW 79.10.120 and agency policies:

PRIMARY

- Generate sustainable revenue over time for the Trust.
- Protect the natural resources and special habitats (i.e. HCP)

SECONDARY

- Provide recreational opportunities where such uses are compatible with trust objectives. Where not compatible (i.e. developed recreation facility) the trust must be compensated.

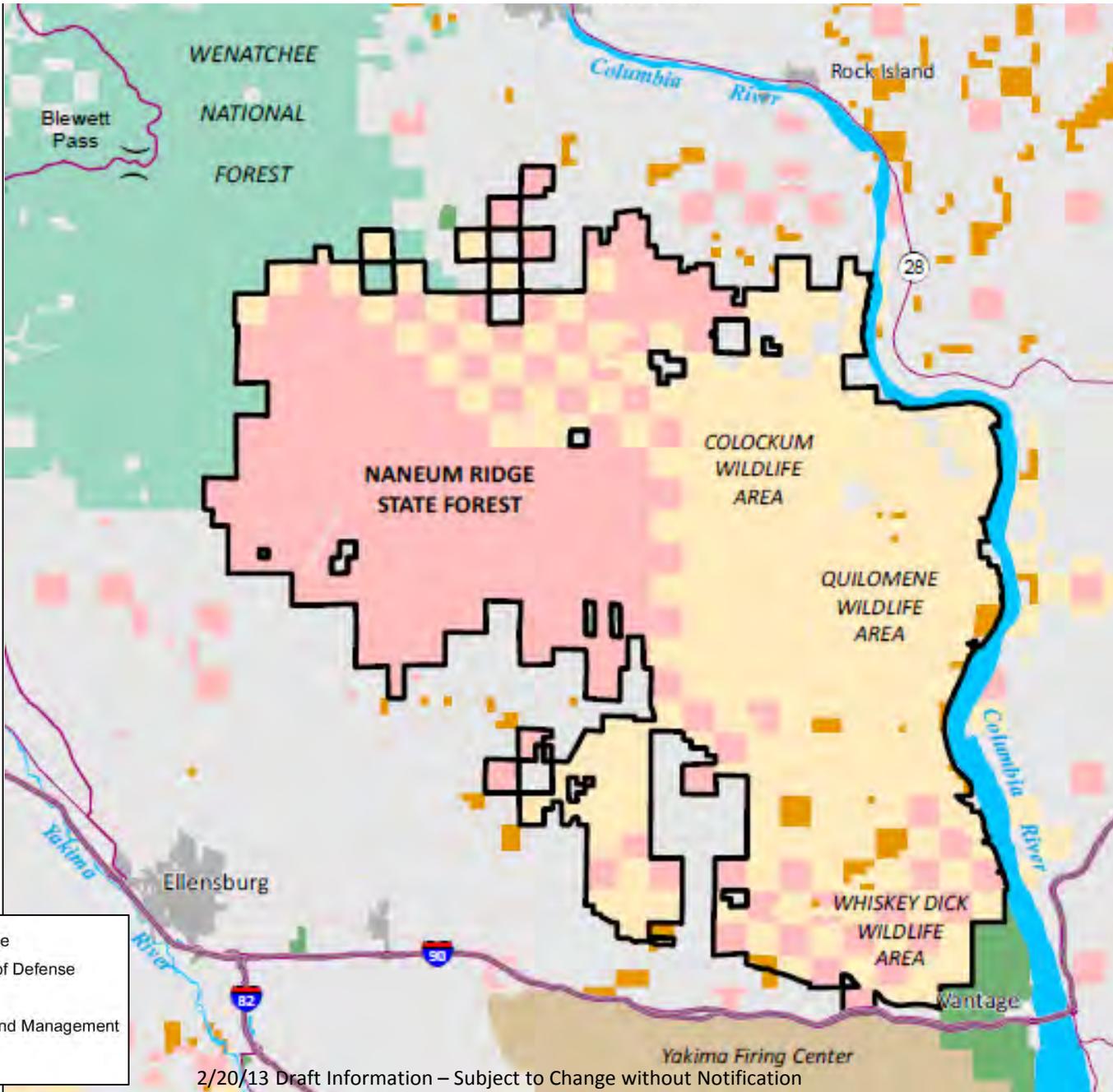
Washington State Department of Fish and Wildlife

Recreation on lands managed by the Department of Fish and Wildlife are governed by RCW 77.04.012, RCW 77.12.880 and agency policies as follows:

- 1. Preserve, protect, perpetuate and manage fish and wildlife habitat in a manner that does not impair the resources**
- 2. Maximize fishing and hunting opportunities**
- 3. Provide wildlife viewing opportunities**
- 4. WDFW can provide non-wildlife-related recreational opportunities using the filter of not impairing fish and wildlife resources**

Naneum Ridge to Columbia River Recreation Plan

Planning Area



Every effort has been made to ensure the accuracy of this map. However, due to changes in ownership and the need to rely on data from outside the agency, the Department of Natural Resources cannot accept responsibility for errors or omissions. Therefore, no warranties accompany this material.

Recreation Planning Area	US Forest Service
DNR-Managed Lands	US Department of Defense
WA Dept of Fish & Wildlife	City Limits
WA State Parks	US Bureau of Land Management

0 1.5 3 6 9 12 Miles

Recreation Land Suitability

*Identify and map areas with long- term considerations
that affect recreation planning*

Biological Criteria

Geology & Soil Criteria

Management Criteria

Overview

1) Overview

- Context Map
- Northern Spotted Owl management Areas
- Leases & Agreements
- Road Access

2) Review management criteria and reference layers individually

3) Suitability matrix

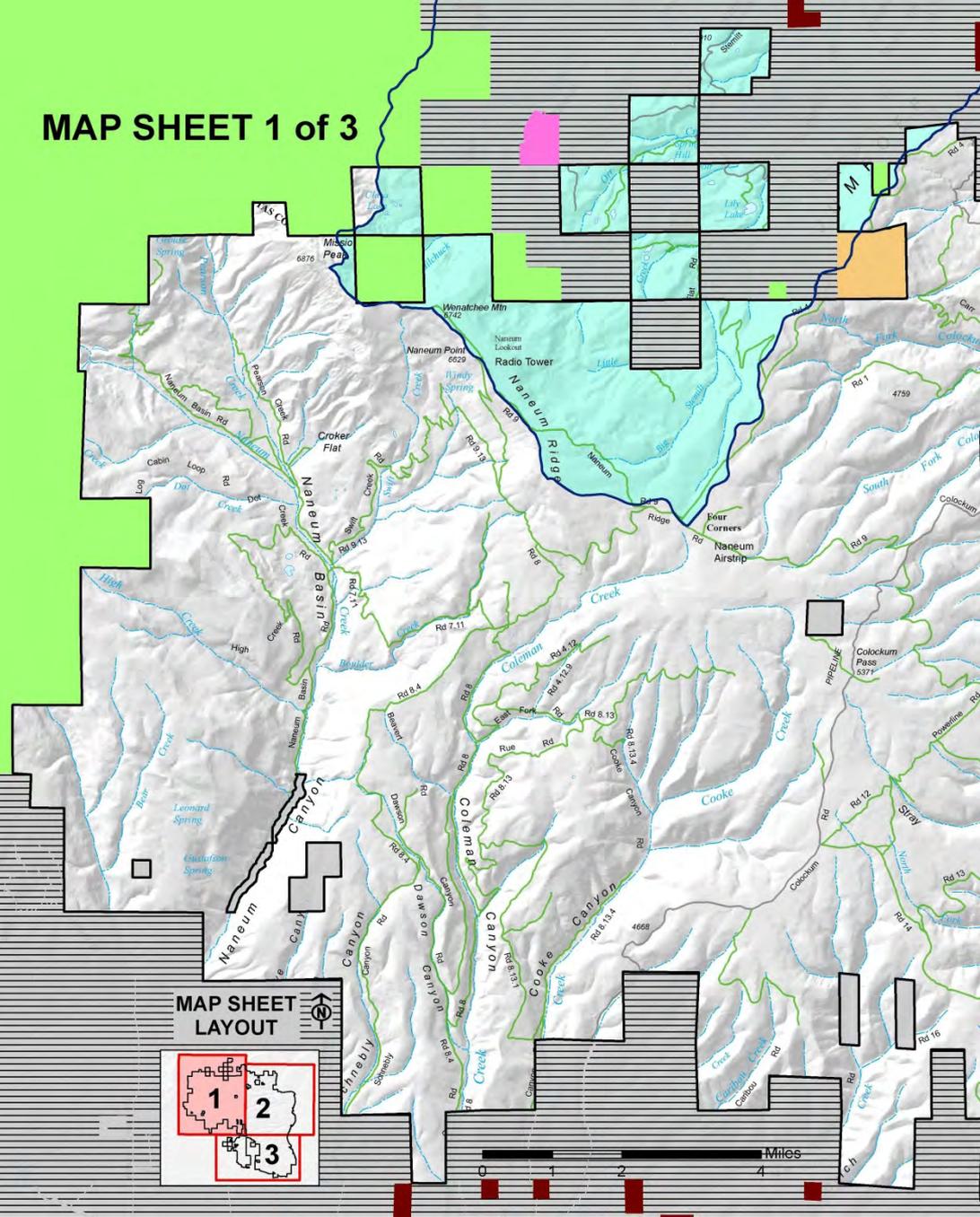
4) Composites of information by type

Naneum Ridge to Columbia River Recreation Plan

Context Map

-  US Forest Service
-  WA State Parks
-  US BLM
-  Residential Land Uses in Kittitas County & Chelan County
-  Stemilt Partnership Watershed Area

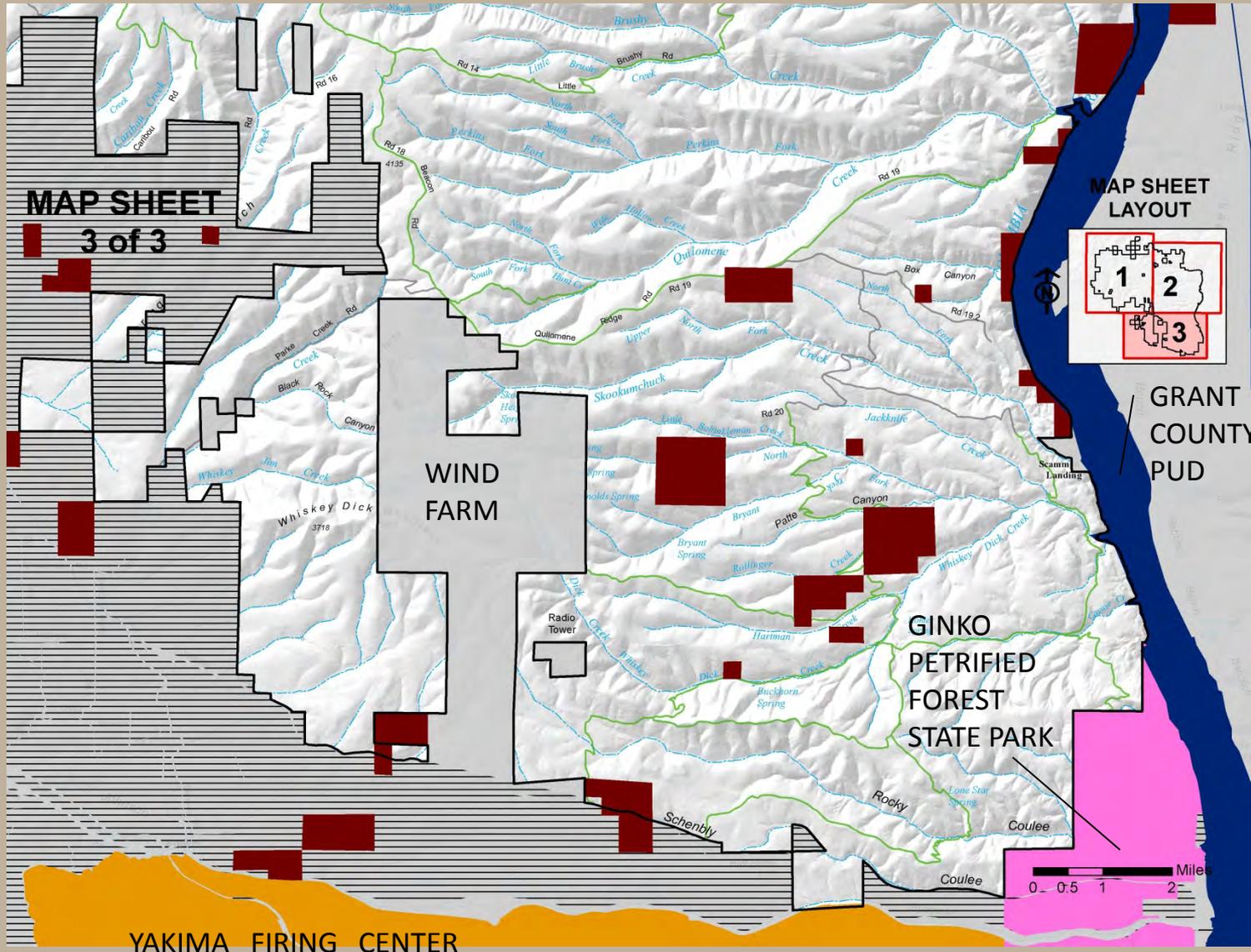
MAP SHEET 1 of 3



Source: Dept. of Health Office of Drinking Water;
Dept. of Ecology SE Region DNR

Naneum Ridge to Columbia River Recreation Plan

Context Map



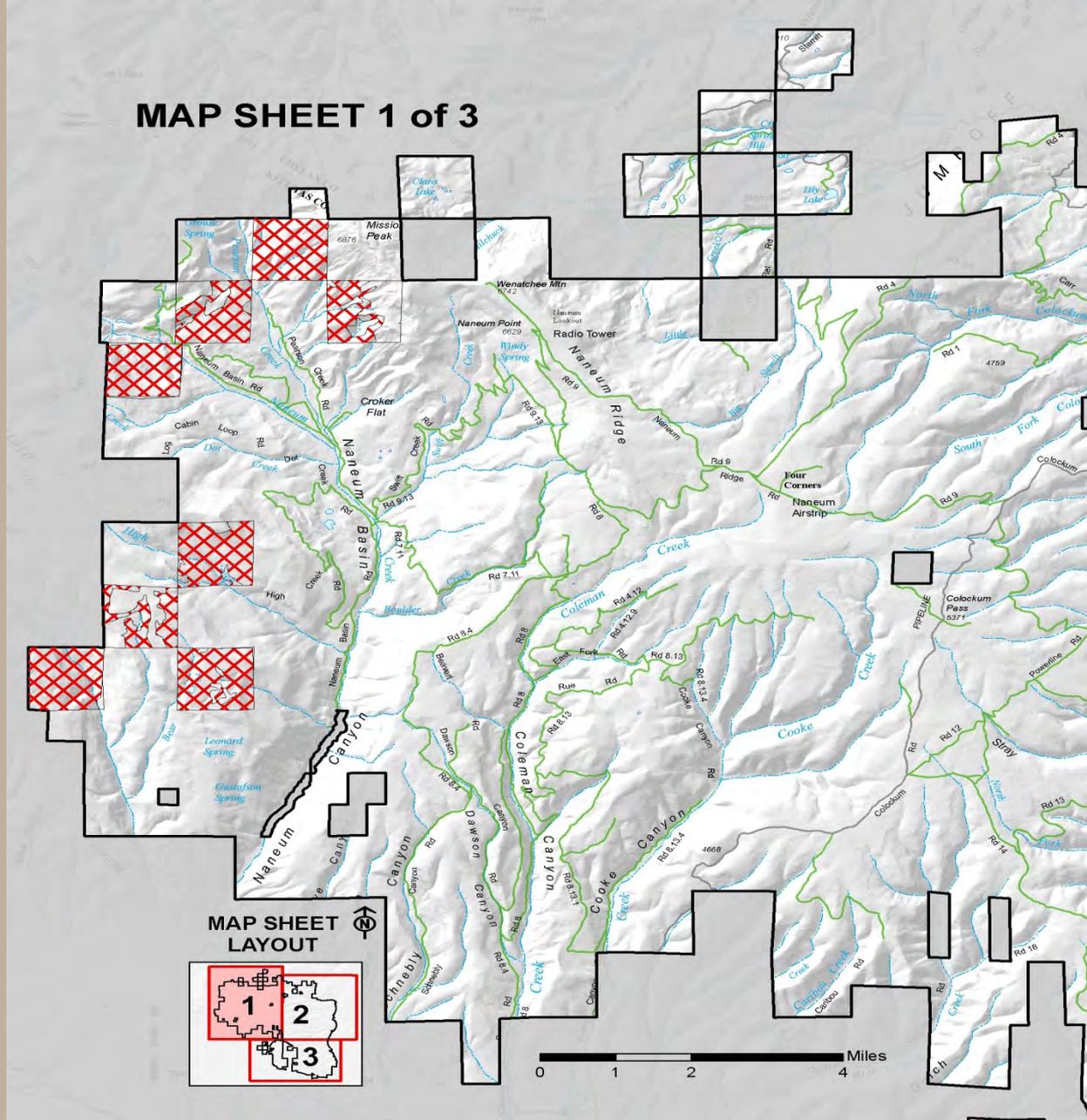
Source: Chelan & Kittitas counties;
DNR ROPA,
DNR SE Region

Naneum Ridge to Columbia River Recreation Plan

Northern Spotted Owl Management Areas

Nesting, Roosting, Foraging
(NRF) Management Areas

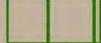
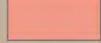
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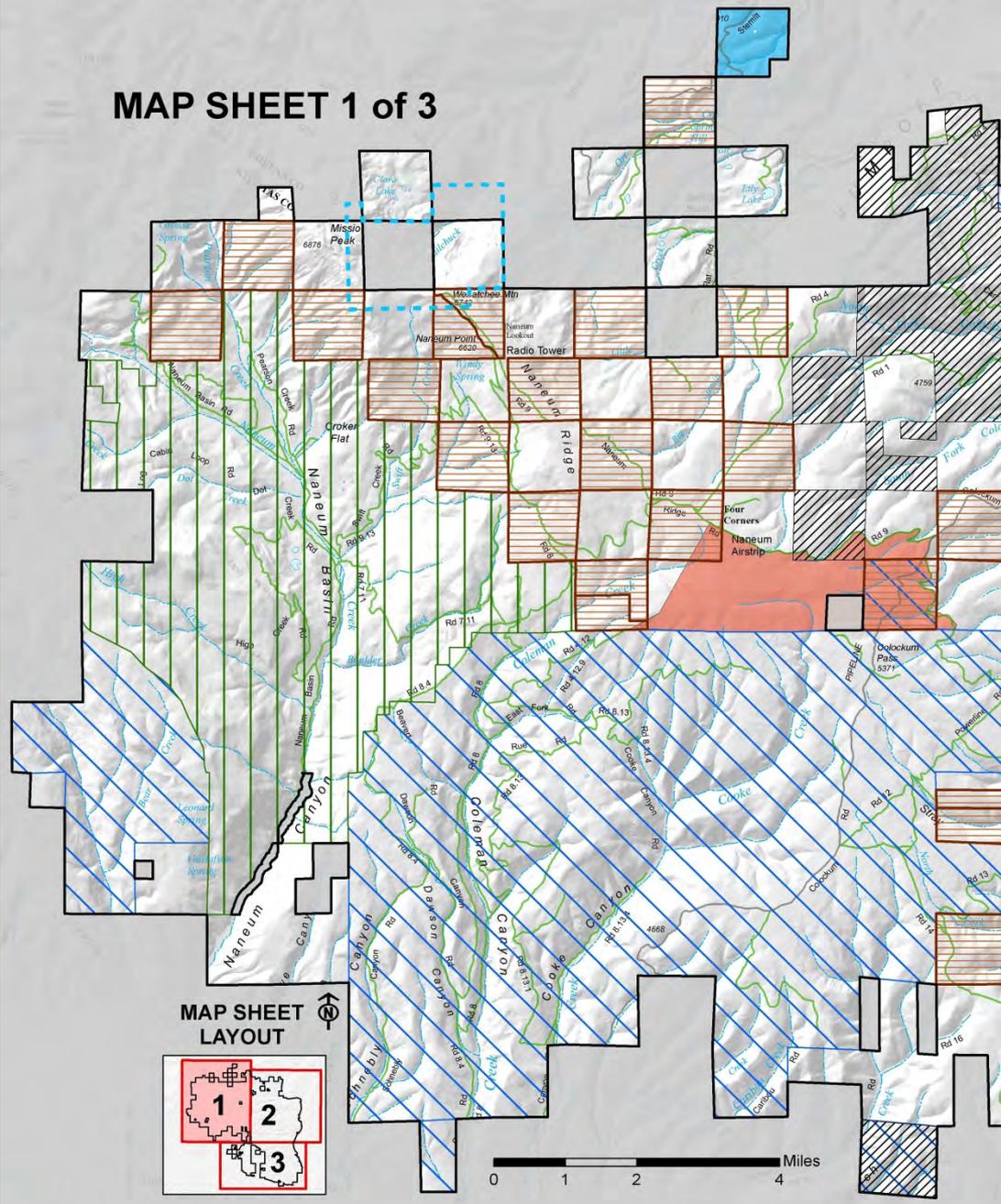
Source: SDE Feature class
ROPA.OWLMGMT

Naneum Ridge to Columbia River Recreation Plan

Leases & Game Reserve

-  Mission Ridge Resort
-  DNR Lease - Special Use
-  DNR Lease - WDFW Habitat
-  DNR Lease - Sheep Grazing Permit Range
-  DNR Lease - Cattle Grazing
-  Arthur Coffin Game Reserve
-  DNR Lease - Irrigated Agriculture (Orchard)

MAP SHEET 1 of 3



Source: DNR SE Region

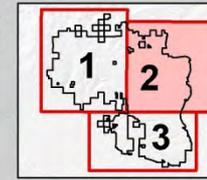
Naneum Ridge to Columbia River Recreation Plan

Leases & Game Reserve

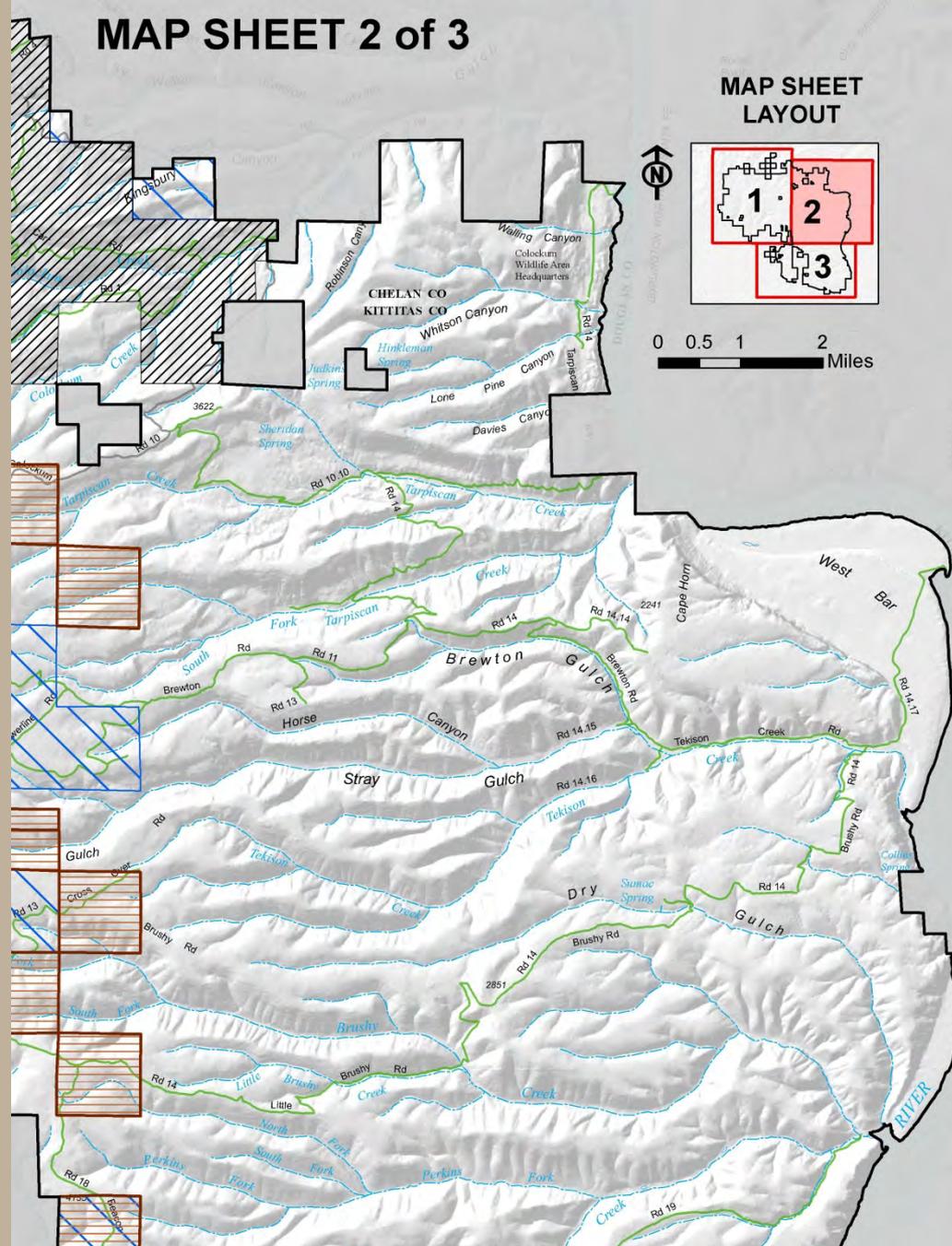
-  DNR Lease - Special Use
-  DNR Lease - WDFW Habitat
-  DNR Lease - Cattle Grazing

MAP SHEET 2 of 3

MAP SHEET LAYOUT

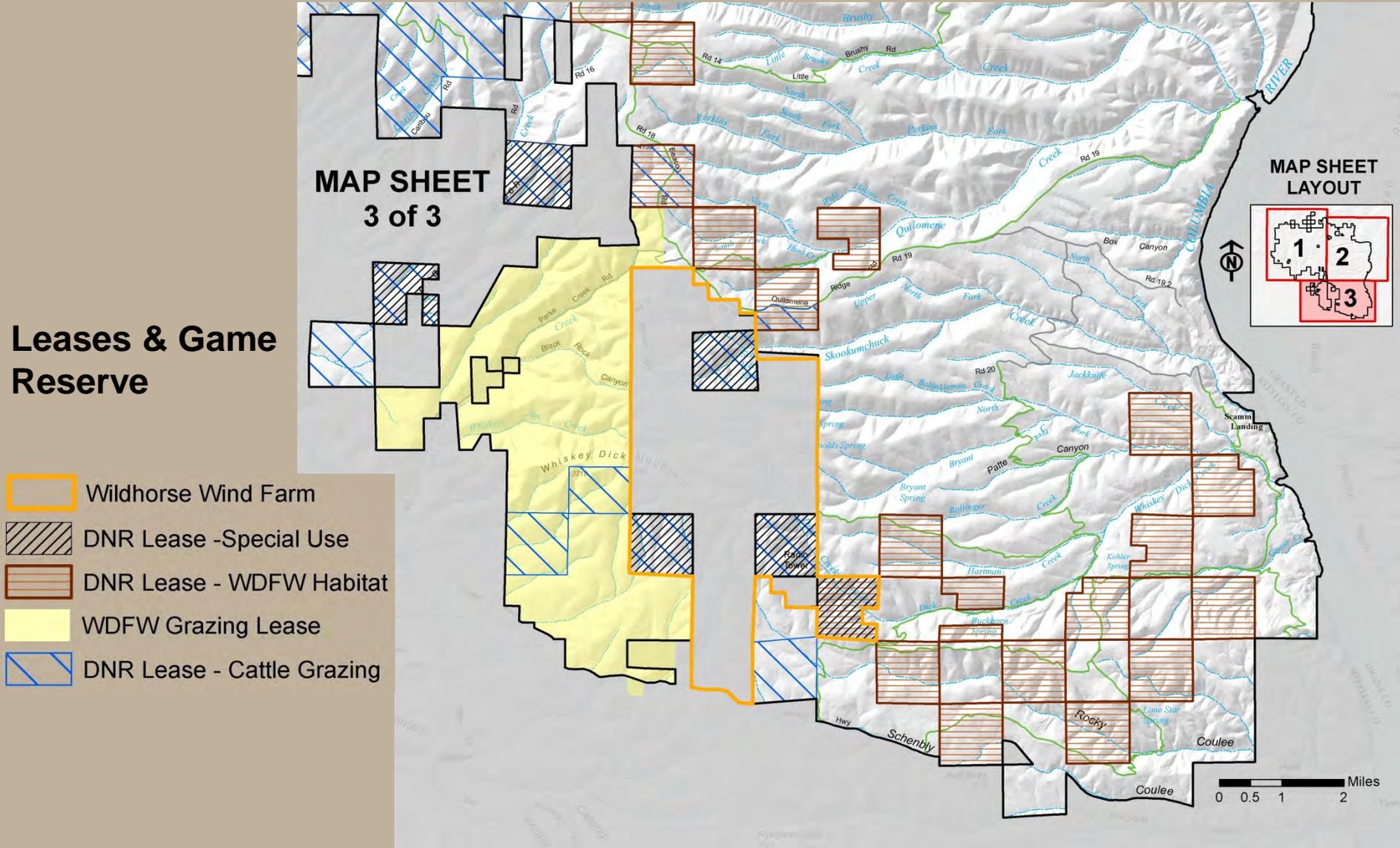


0 0.5 1 2 Miles



Source: DNR SE Region

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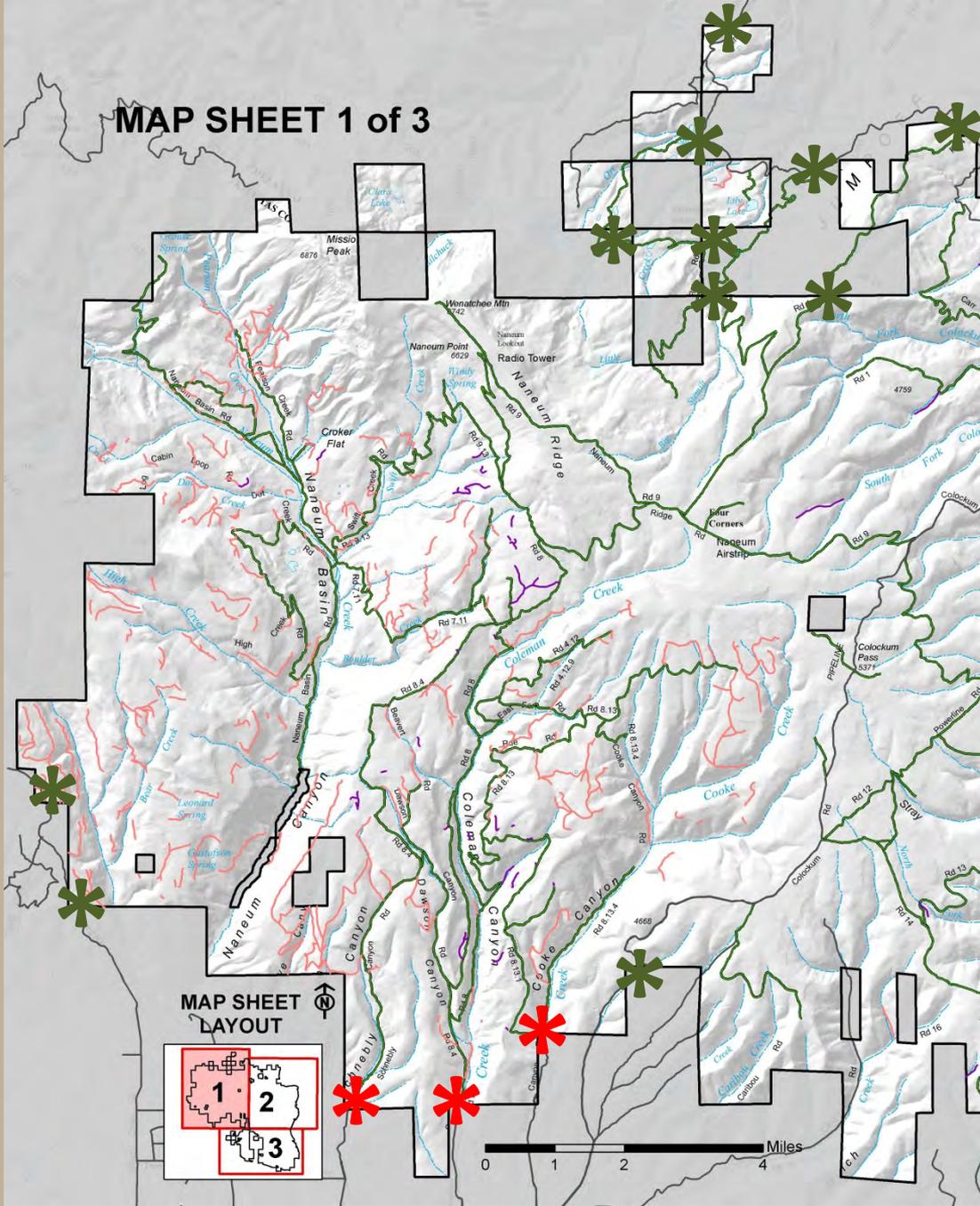


Naneum Ridge to Columbia River Recreation Plan

Roads & Access

- Greendot Road
- County Roads / Access Roads
- DNR RMAP /Completed
- DNR RMAP Planned
- ✱ Existing Public Road Access into Planning Area
- ✱ Existing Road System – Connects Through Private Lands

Source: DNR SE Region

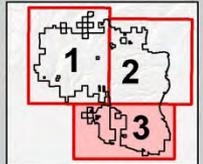


Naneum Ridge to Columbia River Recreation Plan

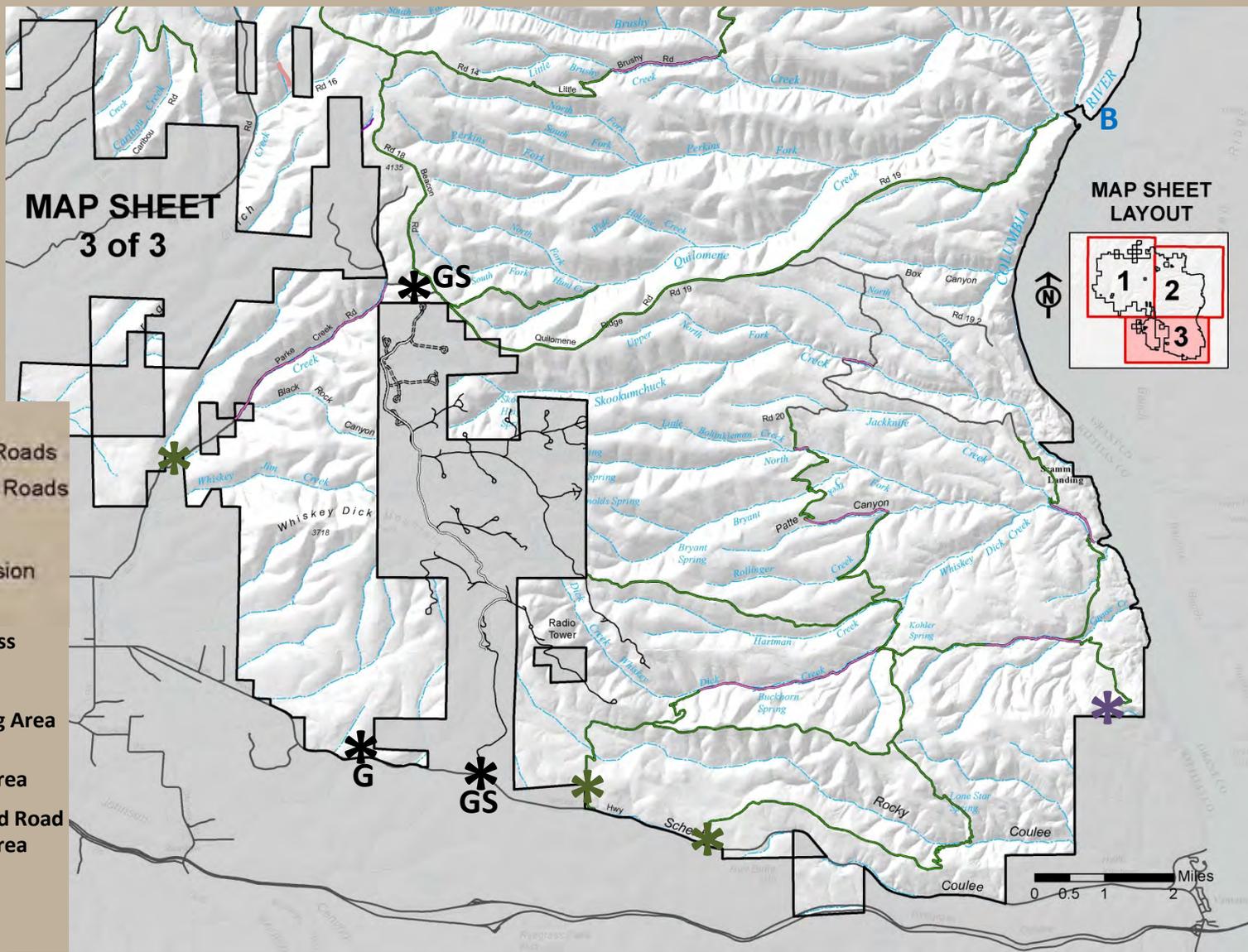
Roads & Access

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MAP SHEET
LAYOUT



-  Greendot Road
-  County Roads / Access Roads
-  WDFW Stream Adjacent Roads
-  Wildhorse Roads
-  Wildhorse Roads Expansion
-  Beacon Ridge Road
-  Existing Public Road Access Into Planning Area
-  Limited Existing Public Road Access Into Planning Area
-  Existing Gated Road Access Into Planning Area
-  Existing Seasonal Gated Road Access Into Planning Area
-  Existing Boat Access



Terms for Management Suitability

Low Suitability= Areas with long-term limiting factors. These primarily include social/political concerns and areas with leases/easements

Moderate Suitability= Areas where less mitigation and potential for impact exists compared to low suitability

Management Criteria*

Communication Sites/Weather Stations

Rock Sources

Utility Easements

Land Adjacent to Other Properties

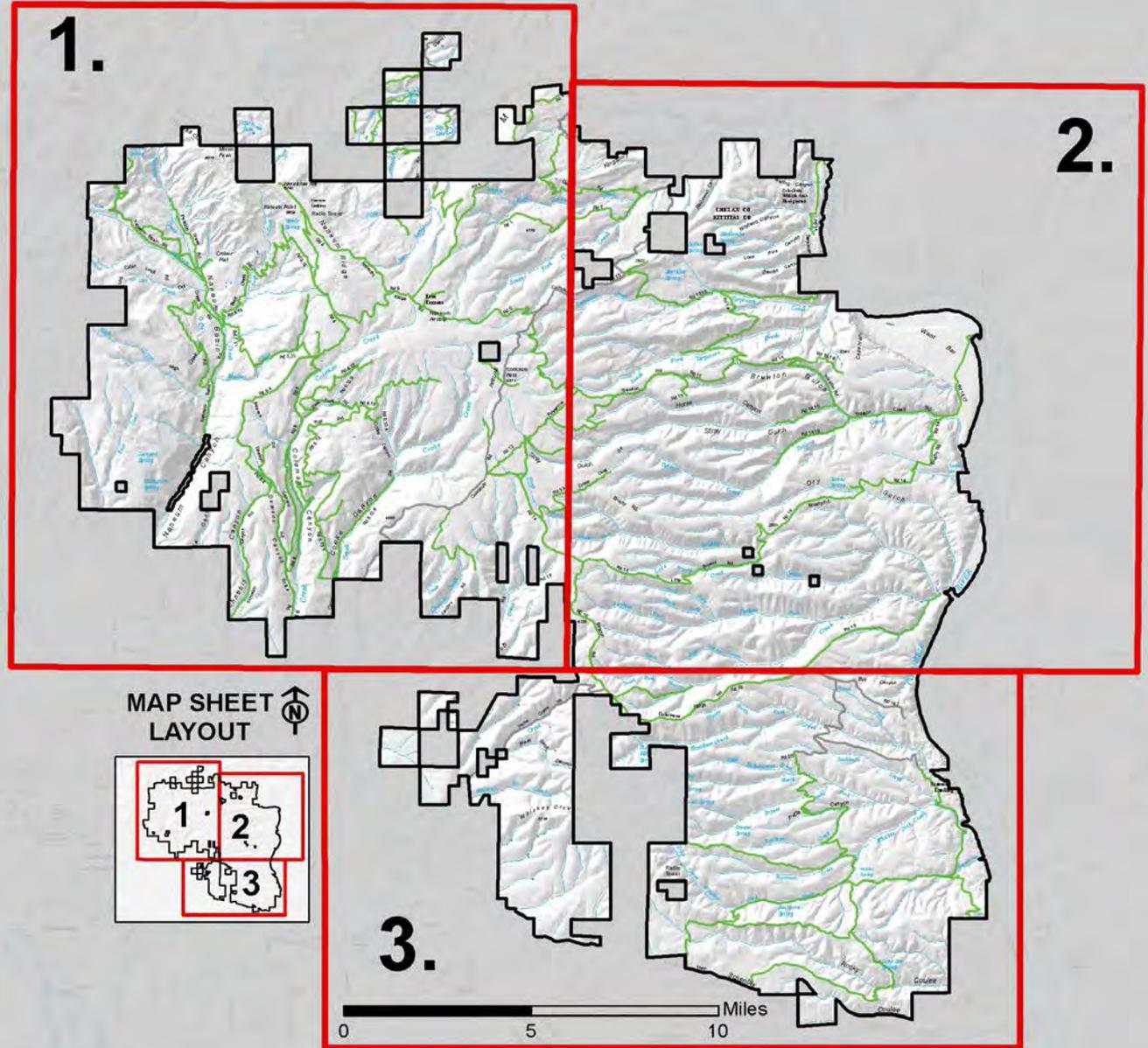
Water Sources

Cultural / Archaeological Resources

**These project-scale considerations are not intended to replace site specific project analysis. This list is based on information available to date.*

Naneum Ridge to Columbia River Recreation Plan

Suitability Map:
Sheet Layout



Communication Sites

Naneum Ridge to Columbia River Recreation Plan

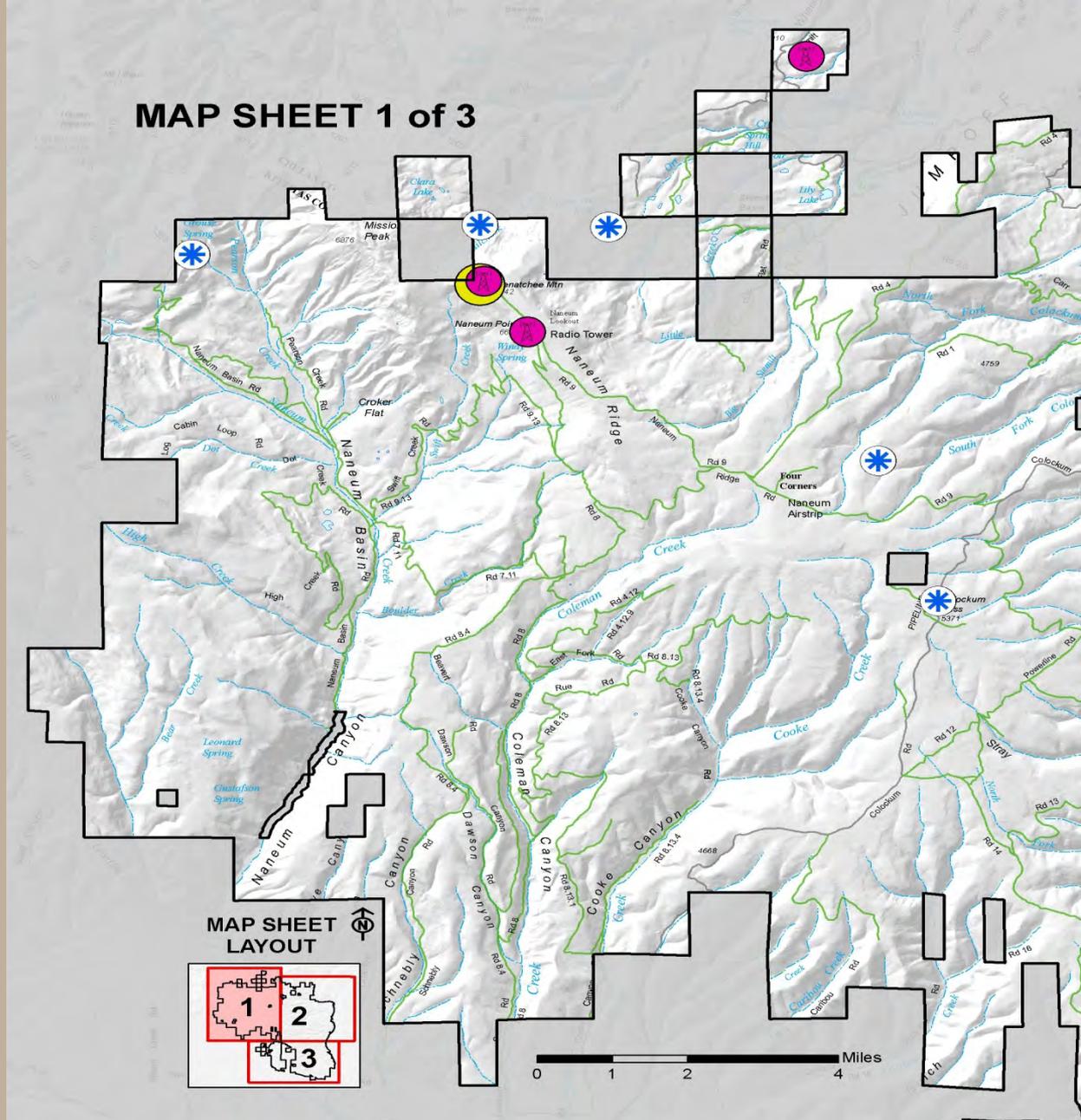
Communication Sites

-  DNR Comm. Sites
-  SNOTEL Sites
-  DNR Radio Sites

No data sheet 2.

Source: DNR SE Region Engineering.

MAP SHEET 1 of 3

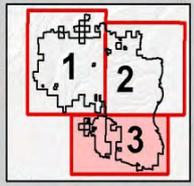


Naneum Ridge to Columbia River Recreation Plan

Communication Sites

MAP SHEET
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MAP SHEET
LAYOUT



No data sheet 2.



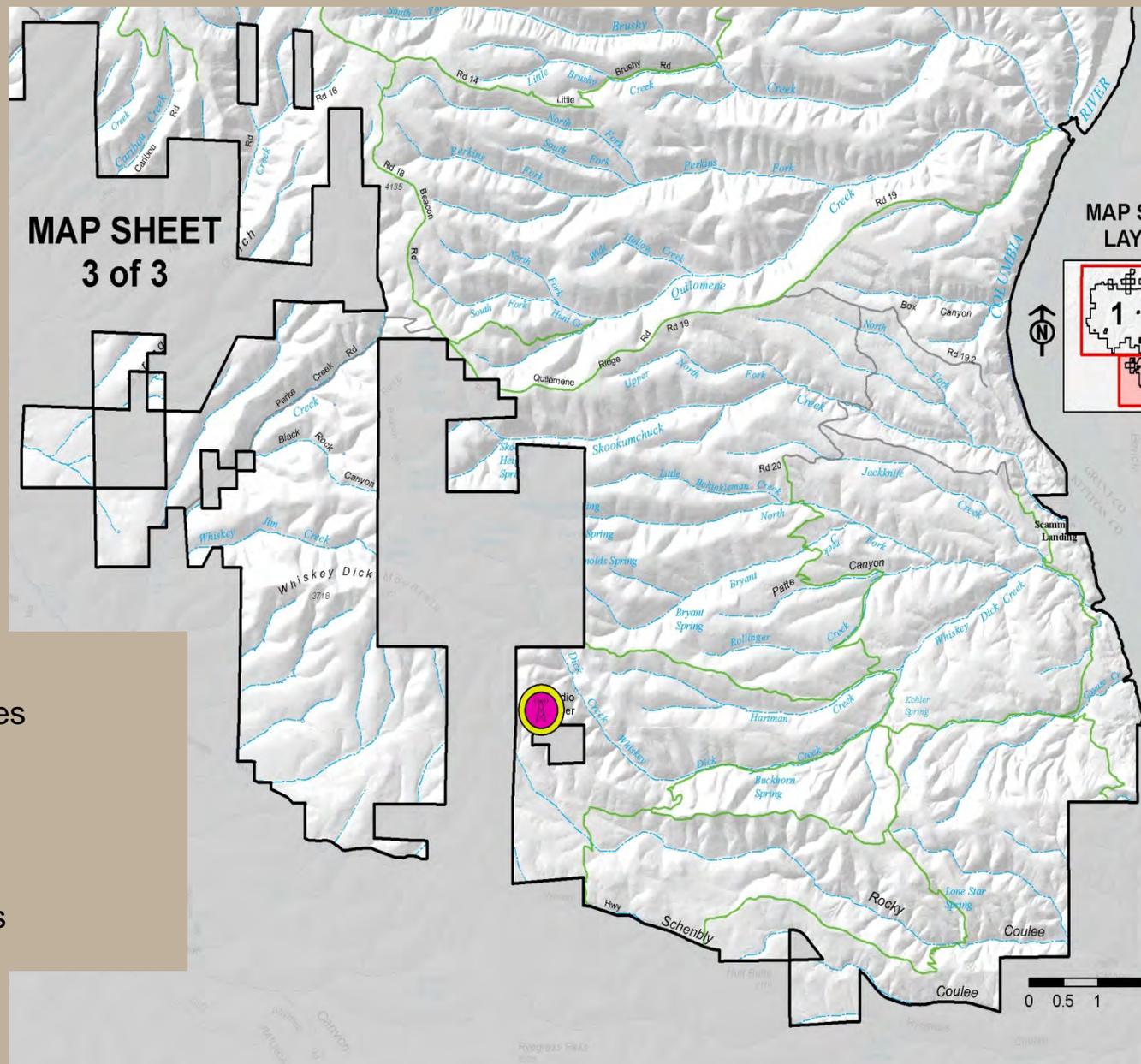
DNR Comm. Sites



SNOTEL Sites



DNR Radio Sites



Rock Sources

Utility Easements

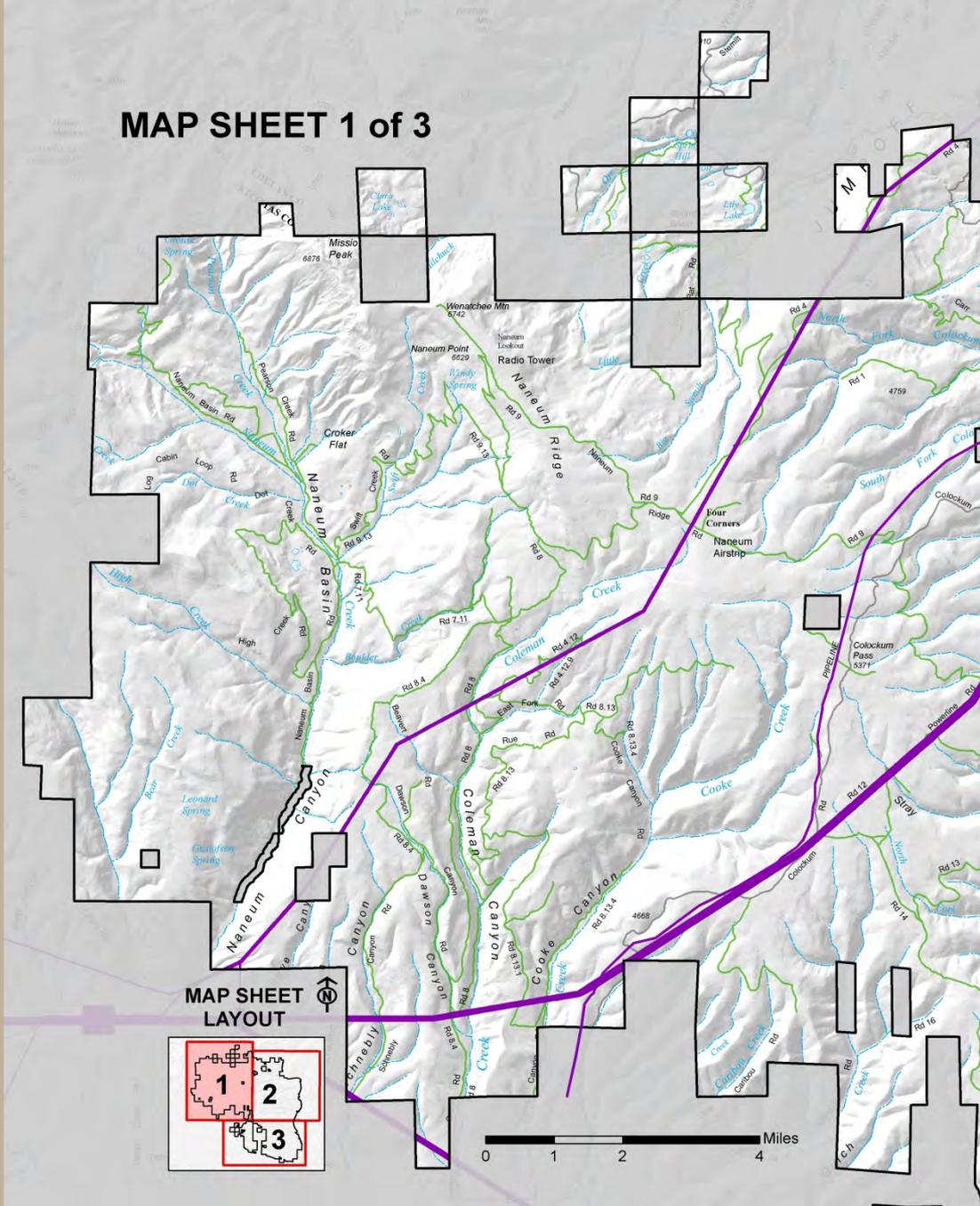
Naneum Ridge to Columbia River Recreation Plan

Utility Easements

 Electrical Transmission Corridors

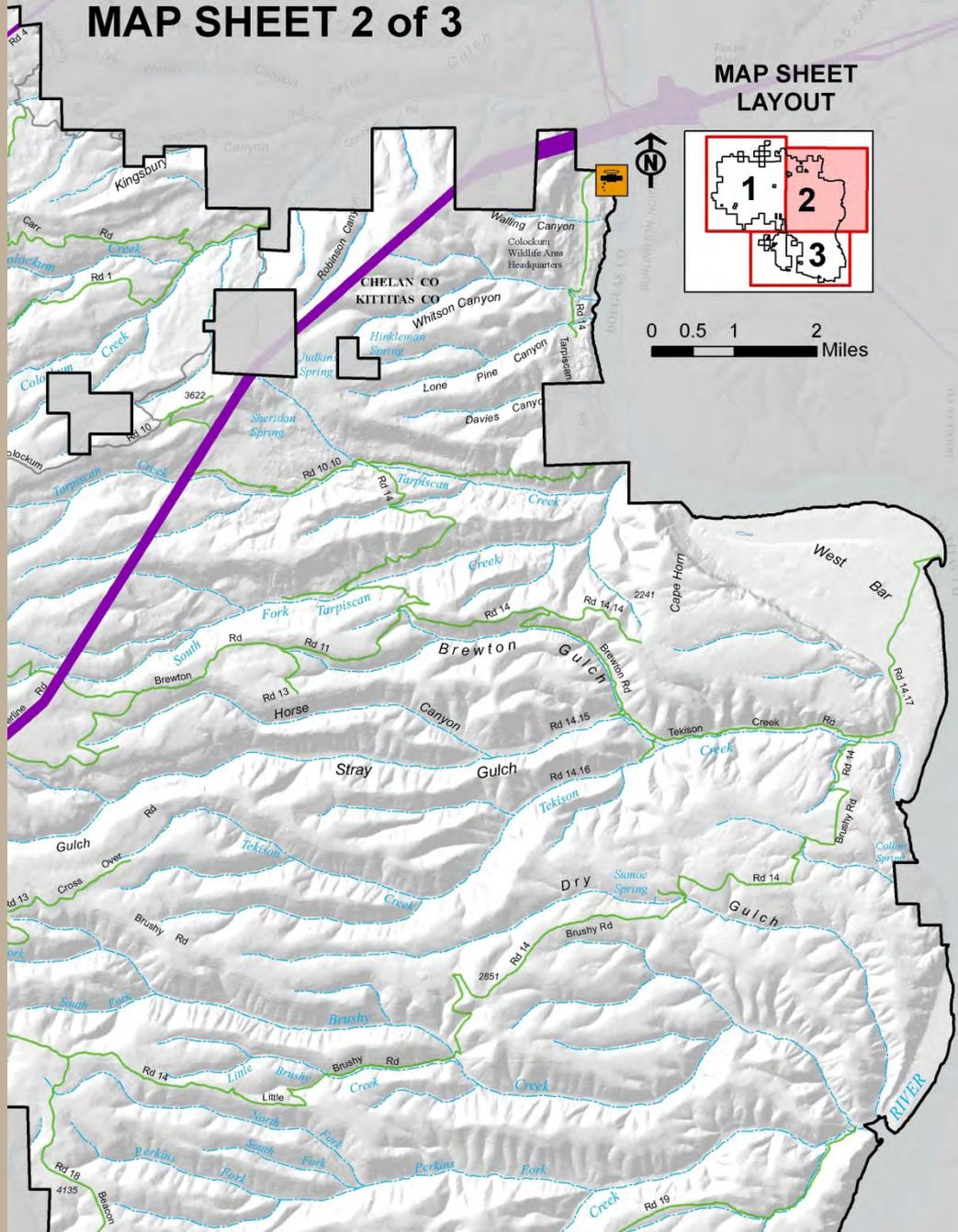
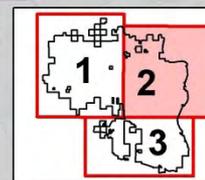
** Obtaining data on buffering requirements*

Source:
BPA - SDE Feature class
SHARED_ENG.BPA_CORRIDORS_WA.
Cascade Natural Gas Facility – SE Region.
Williams Pipeline digitized from 24k topo map..



MAP SHEET 2 of 3

MAP SHEET LAYOUT



Naneum Ridge to Columbia River Recreation Plan

Utility Easements

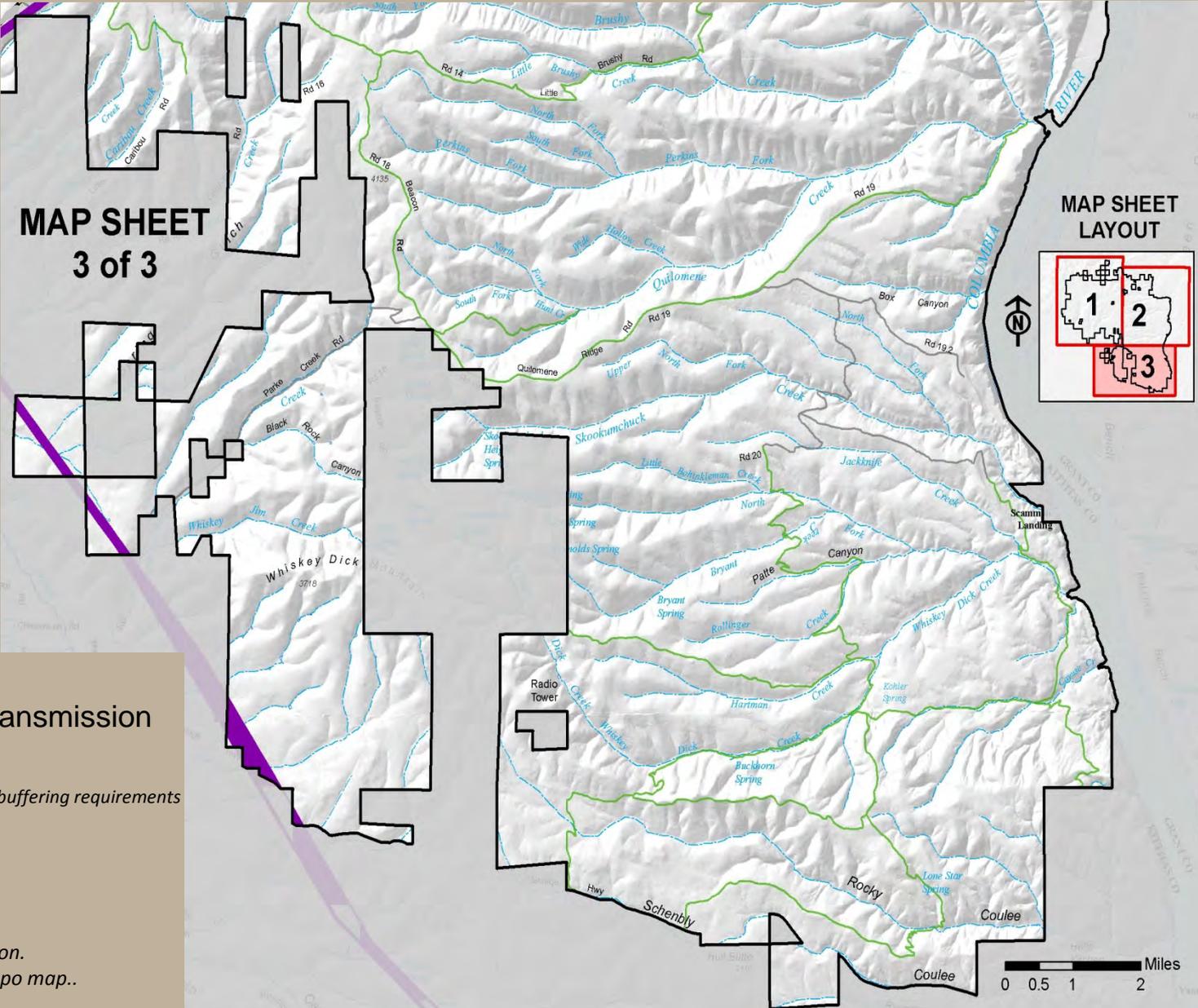
 Electrical Transmission Corridors

* Obtaining data on buffering requirements

Source:
BPA - SDE Feature class
SHARED_ENG.BPA_CORRIDORS_WA.
Cascade Natural Gas Facility – SE Region.
Williams Pipeline digitized from 24k topo map..

Naneum Ridge to Columbia River Recreation Plan

Utility Easements



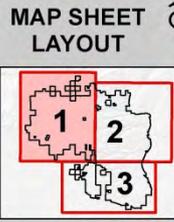
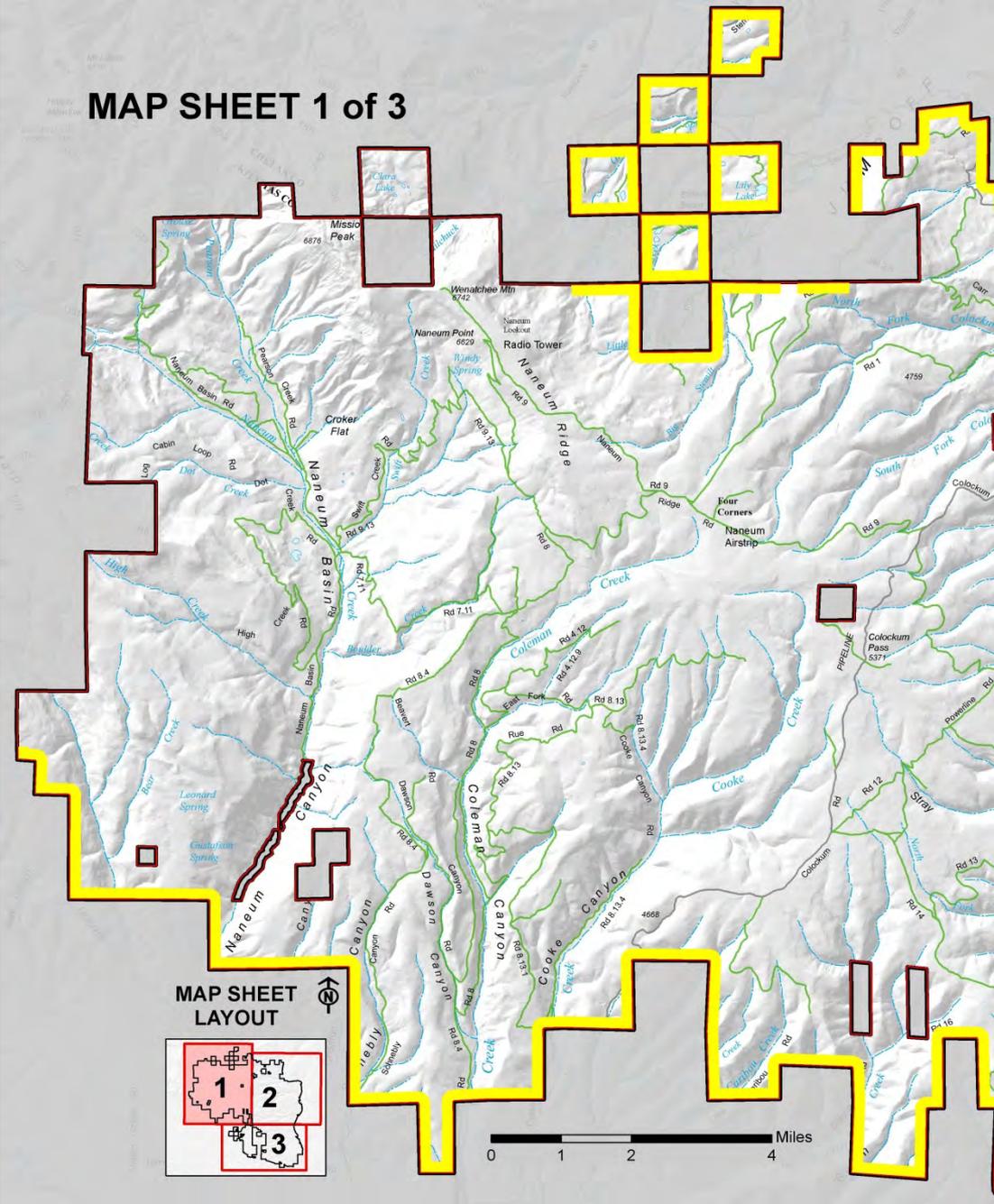
Land Adjacent to Other Properties

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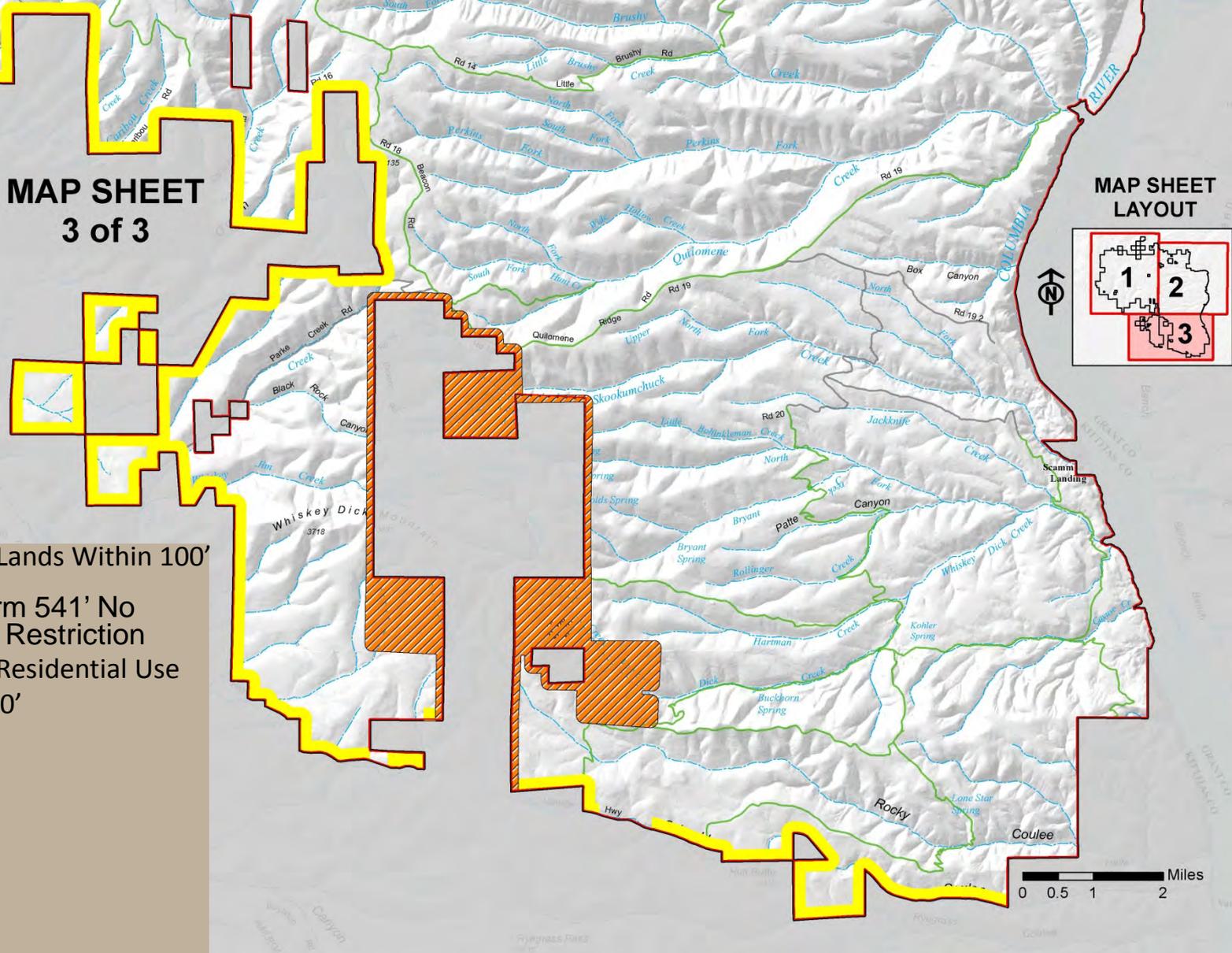
Land Adjacent to Other Properties

- Adjacent Lands Within 100'
- Adjacent Residential Use Within 900'

Source: Chelan & Kittitas counties; DNR ROPA, DNR SE Region



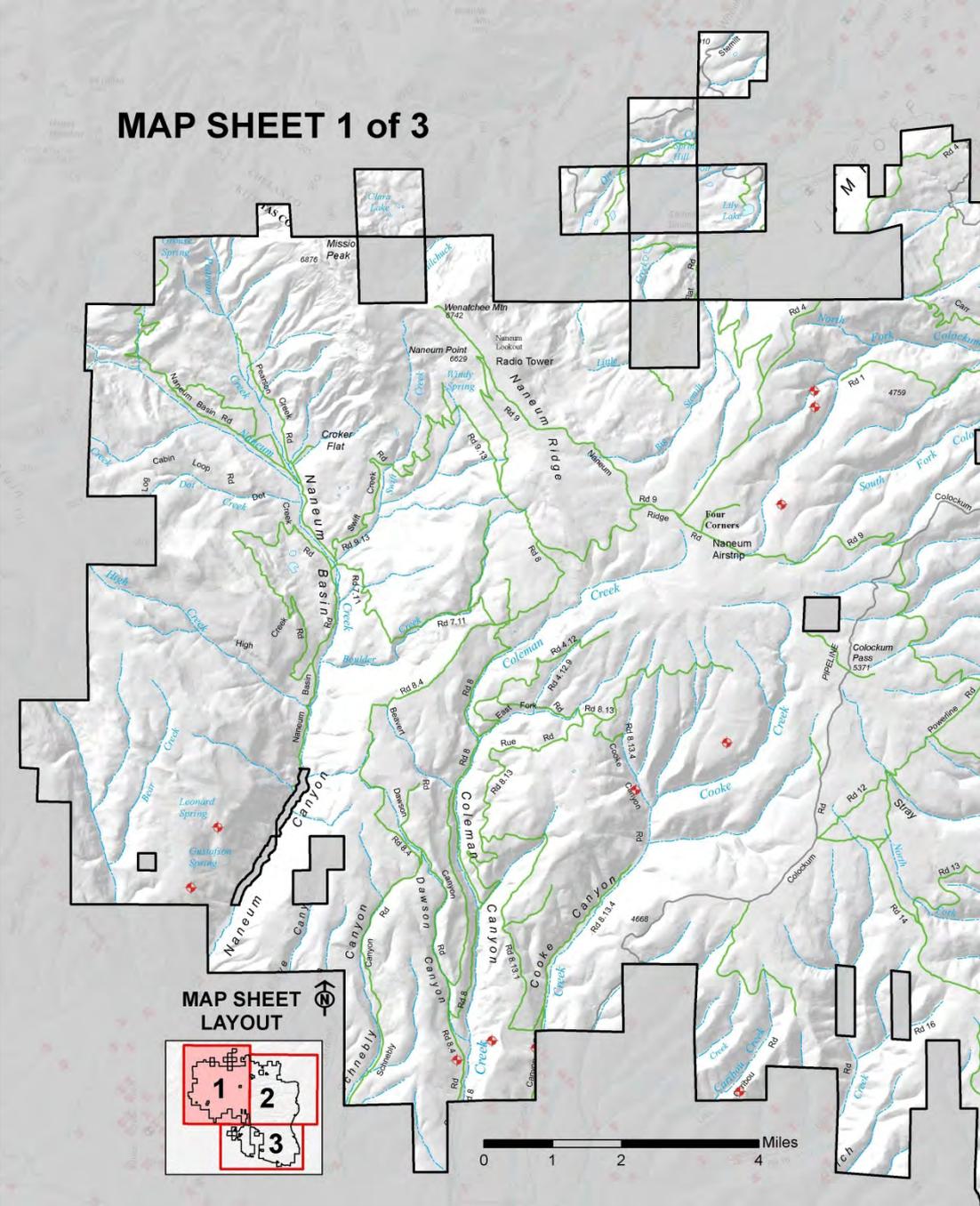
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Water Sources

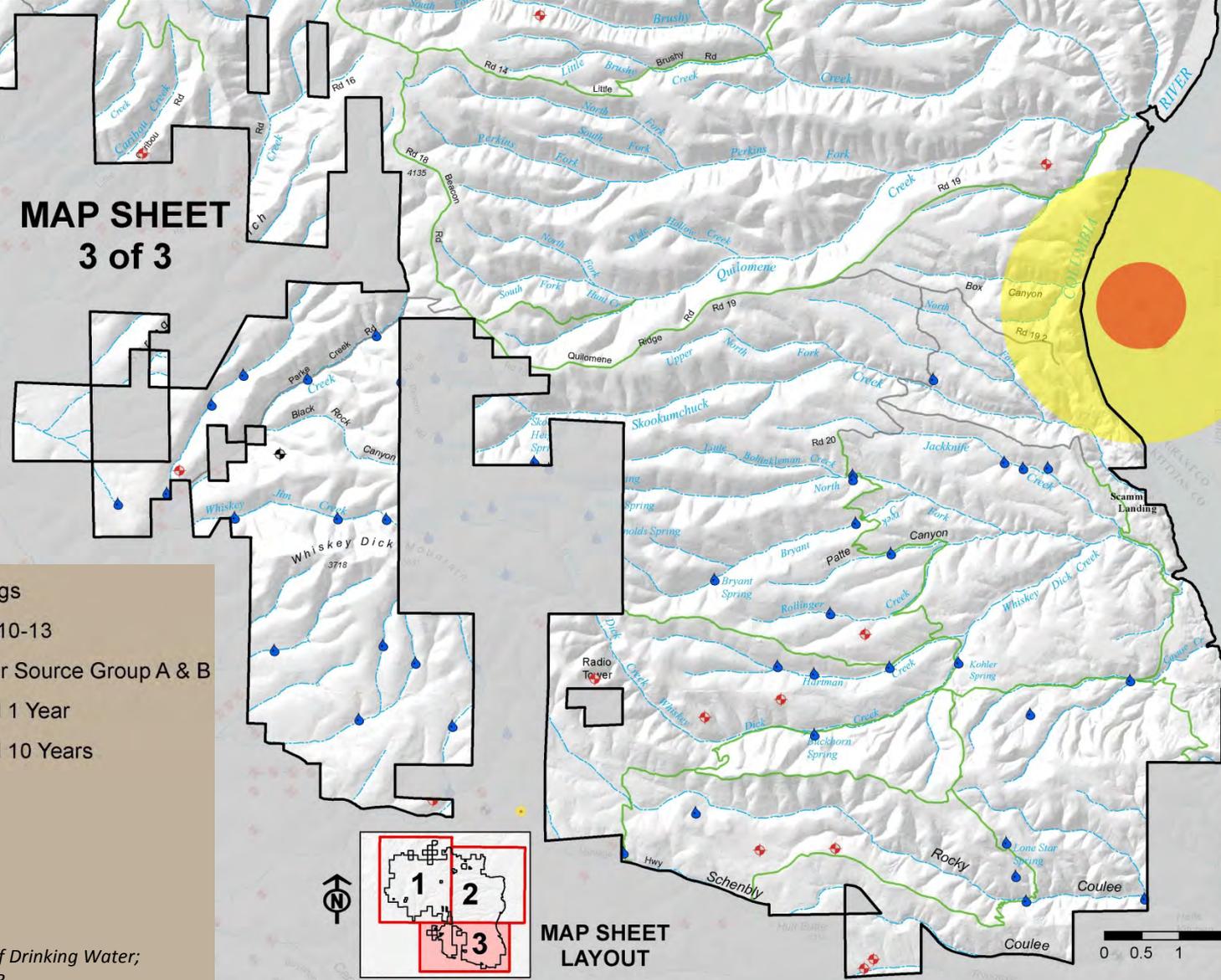
Naneum Ridge to Columbia River Recreation Plan

Water Sources



Source: Dept. of Health Office of Drinking Water;
Dept. of Ecology SE Region DNR

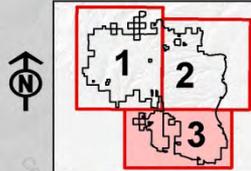
Naneum Ridge to Columbia River Recreation Plan



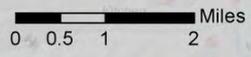
**MAP SHEET
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Water Sources

- Whiskey Dick Springs
- DOE Well Logs 01-10-13
- DOH Drinking Water Source Group A & B
- DOH Time of Travel 1 Year
- DOH Time of Travel 10 Years



**MAP SHEET
LAYOUT**



Source: Dept. of Health Office of Drinking Water;
Dept. of Ecology; SE Region DNR

Criteria also included

Known Cultural / Archaeological Sites

Naneum Ridge to Columbia River Recreation Plan

Suitability Matrix

MANAGEMENT CRITERIA- *Long Term Considerations**

	Recreation Facilities	Recreation Trails
Communication Sites	Low Suitability within 1000'	Low Suitability within 300'
Rock Sources	Not Suitable on or within 1000' ¹	Not Suitable on site and within clearing limits ¹ Low Suitability within 500' ²
Utility Easements ³	Low Suitability within Utility Easements	Low Suitability within Utility Easements
Land Adjacent to Other Properties	Low Suitability within 900' near residential uses for summer; Not suitable for structures within 541' of the Wildhorse Wind Farm; Low Suitability within 100' of adjacent property	Low Suitability for summer motorized trails within 200' near residential uses; Low Suitability within 100' of adjacent property.
Water Sources	Consult with water purveyor for activities planned in these areas.	
Cultural / Archaeological Resources	Project proposals will include consultation with affected Tribes and the Department of Archaeology and Historic Preservation consistent with Executive Order 05-05	

¹ Distance could be reduced if no blasting occurs.

² Could be greater distance depending on terrain and/or road access. These areas need case-by-case evaluations.

³ This information includes broad scale utility easements/leases. Other site-specific leases and easements will be considered and reviewed on a case-by-case basis for each project.

Draft 2/20/13 Subject To Change Without Notification - This matrix is based on information available to date.

* **Winter Not Shown**

What's Next:

Tri - Composites

Recreation Facilities

Recreation Trails

Winter Use

Questions