

**STATE OF IDAHO
DEPARTMENT OF LANDS**



PRECOMMERCIAL THINNING, PRUNING, CULL REMOVAL & SLASHING

INVITATION TO BID NO. 21-204

DUE BEFORE 3:00:00 PM PT ON FEBRUARY 26, 2020

IDAHO DEPARTMENT OF LANDS
PRECOMMERCIAL THINNING, PRUNING, CULL REMOVAL & SLASHING
INVITATION TO BID NO. 21-204

Table of Contents

	<u>Page</u>
Invitation to Bid Instructions	3
General Information	5
Schedule of Events	8
Schedule A	9
Draft Contract	10
Project Descriptions and Maps	31
Affidavit of Compliance	133
Bidder Questions	134

**STATE OF IDAHO
DEPARTMENT OF LANDS
INVITATION TO BID 21-204**

**PRECOMMERCIAL THINNING, PRUNING, CULL REMOVAL & SLASHING
RESPONSES DUE BEFORE 3:00:00 PM PT ON FEBRUARY 26, 2020**

The purpose of this Invitation to Bid (ITB) package is to solicit sealed bids for the efficient completion of the PRE-COMMERCIAL THINNING, CULLING & SLASH work outlined in the attached project descriptions and contract documents.

PRE-BID MEETING:

This Invitation to Bid is time sensitive and does not involve a pre-bid meeting. It is to your benefit to immediately review the document and ask questions (if any) as soon as possible.

QUESTIONS:

All questions related to this Invitation to Bid shall be directed to Sherry Groeschl at sgroeschl@idl.idaho.gov. Inquiries shall be in writing and shall reference the appropriate section and paragraph number. Verbal questions will not be accepted. The deadline for receiving questions is **5:00 P.M., PT, on February 10, 2020**. Only questions answered by written amendment are binding. Oral interpretations have no legal effect. Unofficial communication streams are not binding and at the Contractors own risk. Responses to questions received will be posted as an addendum on the IDL website at www.idl.idaho.gov.

INSTRUCTIONS:

The submitting Vendor agrees that its Bid, Quotation or Proposal shall be good and may not be withdrawn for a period of ninety (90) days after the scheduled closing date, unless otherwise identified in the Solicitation. No Bid, Quotation or Proposal will be accepted if marked "price prevailing at time of delivery," "estimated prices," "actual costs to be billed," or similar phrases. After the date and time of closing, no price change will be allowed, unless otherwise stated in the Solicitation. All Bids, Quotations and Proposals must be in U.S. Dollars.

All price bids must be entered on the attached Schedule A. Bids may be entered electronically in the excel version of the Schedule A. Simply enter the PRICE PER UNIT and the Excel sheet will calculate the TOTAL EXTENDED AMOUNT. Then print and sign the form OR print the blank form and enter bids by hand and sign it. The signed Schedule A shall be returned to either the Email or physical address listed below. The right is reserved to accept bids on each item separately or as a whole. IDL reserves the right to award on an all or nothing basis or to accept any portion of a bid or to award multiple contracts if in the best interest of the State. Idaho Department of Lands shall award to the qualified respondent(s) submitting the lowest responsive bid. In the case of math errors, the **PRICE PER UNIT** will be correctly extended and the corrected **TOTAL EXTENDED AMOUNT** will be the basis for award.

ITB DEADLINE AND DELIVERY REQUIREMENTS:

Sealed bids must be received by the Idaho Department of Lands at 3284 West Industrial Loop, Coeur d'Alene Idaho 83815 **before 3:00:00 PM PT on February 26, 2020**. The Department of Lands is not responsible for lost or undelivered bids or for failure of the United States Postal Service or any mail courier service to deliver bids to the Idaho Department of Lands by the bid deadline. The Idaho Department of Lands assumes no responsibility for failure of any electronic submission process, including any computer or other equipment to deliver all or a portion of the Bid at the time, or to the location, required by the Solicitation. The date and time of electronically received bids, to the Idaho Department of Lands email address listed below, will be used to determine if electronically submitted bids were received by the due date and time specified. **Late bids will not be accepted. Fax bids will not be accepted.**

Delivery Address:

Idaho Department of Lands
ATTN: Sherry Groeschl, Senior Buyer
3284 West Industrial Loop
Coeur d'Alene ID 83815

OR

PurchasingITB@idl.idaho.gov

A bid submitted using "Express/Overnight" services must be shipped in a separate sealed inner envelope identified as stated below and enclosed inside the "Express/Overnight" shipping envelope.

Mailed bids are to be mailed in a sealed envelope and are to be marked in the lower left hand corner with the following information:

Sealed Bid For:	ITB 21-204 – PRE-COMMERCIAL THINNING, CULLING & SLASH
Responses due:	Before 3:00:00 PM PT on 2/26/2020

Emailed bids are to be marked in the subject line with the following information:

Sealed Bid For:	ITB 21-204 – PRECOMMERCIAL THINNING, PRUNING, CULL REMOVAL & SLASHING
.	DUE Before 3 PM PT on 2/26/2020

PUBLIC BID OPENING

There will be a public bid opening at the Idaho Department of Lands at 3284 West Industrial Loop, Coeur d'Alene ID 83815 at **3:15:00 P.M. (PT) on 2/26/20**. Participants may attend via IDL's phone conferencing solution in place of attending in person by calling 208-769-1525 and asking to be transferred to Meet Me Extension 5058.

IDAHO DEPARTMENT OF LANDS

STANDARD INFORMATION

ADDENDA

It will be the respondent's responsibility to check for any addenda prior to submitting a bid. In the event it becomes necessary to revise any part of the solicitation documents, addenda will be made available. Information given to a respondent will be available to all other respondents if such information is necessary for purposes of submitting a or if failure to give such information would be prejudicial to uninformed respondents.

BURDEN OF PROOF

ANY VARIATIONS of brand names or deviations from the specifications MUST BE CLEARLY STATED. It shall be the responsibility and burden of the submitting vendor to furnish the State WITH ITS ORIGINAL SUBMISSION sufficient data to determine if the goods or services offered conform to the specifications.

ORAL INFORMATION

The State will not be responsible for any verbal or oral information regarding a bid.

DISQUALIFICATION AND AWARD INFORMATION

The state reserves the right to make reasonable inquiry to determine the responsibility of a contractor. Such requests may include but not be limited to financial statements, credit ratings, statements of experience and past performance, references, etc. Successful contractors must show to the satisfaction of the Idaho Department of Lands that they have sufficient equipment and work crews to complete the work contracted by the time specified. The unreasonable failure of a contractor to promptly supply information in connection with such a request is reason for disqualification. Except as otherwise provided by law, information furnished by the contractor pursuant to this provision may not be disclosed outside the Idaho Department of Lands without prior written consent of the Contractor. Disqualification of a high-ranking contractor may be pursued when their reputation, experience or references are such as to create a doubt about satisfactory job completion or if the bids are considerably below Department estimates and the other bids. The purchasing agent will contact the contractor and request that they disqualify themselves by withdrawing in writing. If the contractor refuses to withdraw, the purchasing agent may notify the contractor in writing or email that the Department will not offer the contractor a contract and proceed with an award to the next responsible contractor.

PARTNERSHIPS

Contractors responding as partners must furnish the Idaho Department of Lands the name of the partnership, names of the partners, and the partnership's federal taxpayer ID number. All payments will be made to the partnership.

INTERNAL REVENUE SERVICES REPORTING REQUIREMENT

IRS rules and regulations require employers to submit a miscellaneous income form (IRS form 1099) for all contractual persons who receive \$600 or more in a calendar year. Incorporated firms are exempt from this reporting requirement. The contractor's taxpayer identification number (Social Security or employer number) must be listed on the signature page of the contract.

PUBLIC RECORDS

The Idaho Public Records Law, Idaho Code Sections 74-101 through 74-126, allows the open inspection and copying of public records. Public records include any writing containing information relating to the conduct or administration of the public's business prepared, owned, used, or retained by a state or local agency regardless of the physical form or character. ALL, OR MOST (there are exceptions), OF THE INFORMATION CONTAINED IN YOUR RESPONSE TO THE STATE'S SOLICITATION WILL BE A PUBLIC RECORD SUBJECT TO DISCLOSURE UNDER THE PUBLIC RECORDS LAW.

WORKERS COMPENSATION INSURANCE

All persons working for the State under any contract of hire, expressed or implied, must be covered by worker's compensation insurance. (Reference Title 72, Idaho Code). Contact the Idaho Industrial Commission with any Worker's Compensation questions.

Any contractor who hires employees to accomplish the contracted work must provide a certificate of worker's compensation insurance.

PREFERENCES

Section 67-2349, Idaho Code, requires application of a preference in determining which contractor submitted the lowest responsible bid. If the contractor who submitted the lowest bid is domiciled in a state which has a preference law that penalizes Idaho domiciled contractors, then the State must apply a preference. The penalty applied to out-of-state contractors competing against Idaho contractors is determined by the penalty applied by the contractor's domiciliary state to its out-of-state contractors.

In determining domicile, the following "rule of thumb" will be used: Corporations – the state in which the corporation is chartered or incorporated; Sole proprietor or partnership – the state in which the permanent headquarters of the business is located.

A contractor domiciled outside the boundaries of the state of Idaho may be considered as an Idaho domiciled contractor provided that there exists for a period of one year preceding the date of the bid a significant Idaho economic presence as defined herein. A significant Idaho economic presence shall consist of the following: (a) That the contractor maintains in Idaho fully staffed offices, or fully staffed sales offices or divisions, or fully staffed sales outlets, or manufacturing facilities, or warehouses or other necessary related property; and (b) if a corporation, that it be registered and licensed to do business in the state of Idaho with the Office of the Secretary of State.

REJECTION OF BIDS AND CANCELLATION OF BID SOLICITATION

Prior to the issuance of a contract, the State shall have the right to accept or reject all or any part of a bid when: (i) it is in the best interests of the State of Idaho; (ii) the bid does not meet the minimum bid specifications; (iii) the bid is not the lowest responsible bid; (iv) a finding is made based upon available evidence that a respondent is not responsible or is otherwise incapable of meeting specifications or providing an assurance of ability to

fulfill contract requirements; or (v) the item offered deviates to a major degree from the specifications, as determined by the State (minor deviations, as determined by the State, may be accepted as substantially meeting the bid requirements of the State of Idaho). Deviations will be considered major when such deviations appear to frustrate the competitive solicitation process or provide a respondent an unfair advantage. Prior to the issuance of a contract, the State shall have the right to reject all bids or to cancel a solicitation or invitation to bid. Cancellation may be for reasons that include but are not limited to: (i) inadequate or ambiguous specifications; (ii) specifications have been revised; (iii) property is no longer required; (iv) there is a change in requirements; (v) all bids are deemed unreasonable or sufficient funds are not available; (vi) bids were not independently arrived at or were submitted in bad faith; (vii) it is determined that all requirements of the solicitation process were not met; (viii) insufficient competition; or (ix) it is in the best interests of the state of Idaho.

AWARD PROCEDURES

For contracts with a total value of \$100,000 or less, the State will email all respondents within five (5) business days following the solicitation closure of its intent to award a contract(s) and the party(ies) to whom the contract(s) will be awarded and will then email a contract award to the successful respondent(s).

For contracts with a total value of more than \$100,000, the State will notify all respondents within five (5) business days following the solicitation closure, by mail and/or email, of its intent to award a contract and the party(ies) to whom the contract will be awarded. After elapse of the five (5) day appeal period, if no appeals are received, the State will award a contract to the successful respondent(s).

Respondents to whom a contract has been awarded will have fourteen (14) calendar days from the mailing date of the award notice to return to the State a signed copy of the contract along with the required certificates of insurance. If the State does not receive such documents within the specified time period, the State may declare, at its sole discretion, that all respondent's rights to the contract are forfeited, and the State may proceed without further delay or notice to award the contract to the next low respondent.

SCHEDULE OF EVENTS

Invitation to Bid Release	January 30, 2020
Pre-bid Meeting -	No Pre-Bid
Deadline for Receipt of Written Inquiries	February 10, 2020
Bid Due Date	Before 3:00 PM PDT on February 26, 2020
Anticipated Intent to Award Date	March 2, 2020
Anticipated Contract Award Date	March 9, 2020

**SCHEDULE A
CONTRACT NO. 21-204
PRECOMMERCIAL THINNING, PRUNING, CULL REMOVAL, & SLASHING**

SUPERVISORY AREA	PROJECT NAME AND NUMBER	TREATMENT TYPE	APPROXIMATE NUMBER OF ACRES	PRICE PER ACRE	TOTAL EXTENDED AMOUNT
Priest Lake	PL Thin 2020 FM # 10-677-112-20	Thinning	267		\$ -
Priest Lake	PL Slashing FY21 FM # 10-675-108-20	Slashing	338		\$ -
Pend Oreille	POL 2020 PCT FM # 20-954-112-20	Thinning	891		\$ -
Pend Oreille	2020 KV Slashing FM # 20-276-108-20	Slashing	248		\$ -
Mica	Mica PCT 2020 FM# 22-197-112-20	Thinning	70		\$ -
St. Joe	2020 St. Joe PCT FM # 30-774-112-20	Thinning	672		\$ -
St. Joe	Pokey Peterson Slashing FM # 30-823-108-20	Slashing	276		\$ -
Ponderosa	2020 Ponderosa Area PCT FM# 41-321-112-20	Thinning	409		\$ -
Clearwater	CLW PCT & CTR 2020 FM# 40-1319-112-20	Cull Tree Removal	40		\$ -
		Cull Tree Removal	23		\$ -
		Thinning	35		\$ -
			98	Total	\$ -
Maggie Creek	The Gambler Thin FM# 42-277-112-20	Thinning	301		\$ -

Any additional work required under this contract but not scheduled will be performed at the rates shown herein. An approved and signed contract modification will be required prior to the starting of additional work.

In the case of math errors, the **PRICE PER ACRE** will be correctly extended and the corrected **TOTAL EXTENDED AMOUNT** will be the basis for award.

Each area project will be evaluated separately. IDL reserves the right to award multiple contracts.

NOTE: The quantities of work to be done under this contract as set forth in Schedule A have been estimated and may not be accurate in any or all particulars. The Contractor understands and agrees that these are reasonable estimates only as determined by a GIS measurement and that the State shall not be responsible for any claim of profits, loss of profit or for damages or because of a difference between the estimated quantities of work to be done and the actual quantities ordered by the State.

My quotes on this solicitation are tendered on the basis that the total number of contracts awarded to me will not exceed _____ Acres.

Company Name	_____	Contractor's Email	_____
Contractor's Name	_____	Contractor's Phone	_____
Mailing Address	_____	Taxpayer ID #	_____

Contractor's Signature	_____	Signed by	_____
Title	_____		

**STATE OF IDAHO
DEPARTMENT OF LANDS**



PRECOMMERCIAL THINNING, PRUNING, CULL REMOVAL & SLASHING

CONTRACT NO. 21-204

(CONTRACTOR NAME)

STATE OF IDAHO
DEPARTMENT OF LANDS

PRECOMMERCIAL THINNING, PRUNING, CULL REMOVAL & SLASHING
CONTRACT NO. 21-204

TABLE OF CONTENTS

Table of Contents

1. Definitions and Terms
2. Representations and Warranties of the Contractor
3. Contract Relationship
4. AntiDiscrimination/Equal Employment Opportunity Clause
5. Contractor Responsibility
6. Registration with Secretary of State
7. Subcontracting
8. State of Idaho Minimum Wage Law
9. Taxes
10. Affidavit of Compliance
11. Licenses, Permits & Fees
12. Save Harmless
13. Officials, Agents and Employees of the State Not Personally Liable
14. Risk of Loss
15. Insurance
16. Assignments
17. Appointment of Representative
18. Prohibited Contracts
19. Governing Law
20. Safety Information
21. Use of the State of Idaho Name
22. Ownership
23. Appropriation by Legislature Required
24. Force Majeure
25. Entire Agreement
26. Contract Termination
27. Performance of the Contractor
28. Modification
29. Public Records
30. Confidential Information
31. Non-Waiver
32. Non-Waiver of Sovereign Immunity
33. Attorney's Fees
34. Trash Cleanup
35. Camping on State Land
36. Fire Prevention Responsibilities
37. Government Regulations
38. Payments and Compliance
39. Contract Period
- Signature Page

Special Provisions – PRECOMMERCIAL THINNING, PRUNING, CULL REMOVAL & SLASHING... Attachment #1

Schedule A Attachment #2

Project Description(s) and Map(s) Attachment #3

Affidavit..... Attachment #4

**STATE OF IDAHO
DEPARTMENT OF LANDS**

**PRECOMMERCIAL THINNING, PRUNING, CULL REMOVAL & SLASHING
CONTRACT NO. 21-204**

THIS CONTRACT is by and between the STATE OF IDAHO, acting through the DEPARTMENT OF LANDS on behalf of the Idaho State Board of Land Commissioners, hereafter referred to as the "STATE," and _____, hereafter referred to as the "CONTRACTOR."

1. DEFINITIONS AND TERMS

- a. Attachments: The attached project description(s), work supplement(s), work agreement(s), exhibit(s), map(s), and other labeled references are a part of this contract and any special terms therein are binding upon all parties.
- b. Contract: This duly executed written agreement between Idaho Department of Lands (IDL) and the Contractor resulting from the solicitation, which shall include these Terms and Conditions, the Statement of Work, the Cost Proposal, and all attachments thereto.
- c. Contracting Officer: The IDL employee with the authority to enter into, administer, modify, and/or terminate this contract, and make related determinations and findings. The Contracting Officer is responsible for handling the contractual relationship with the contractor.
- d. Contracting Officer Representative (COR): The designated Department of Lands representative, *also referred to as the Forester-in-Charge (FIC)*, who will provide daily technical oversight to the contractor and ensure the contractor performs according to the Scope of Work. The COR cannot modify the stated terms of the contract unilaterally or direct the contractor to perform work not specified in the contract. Only the Contracting Officer and the Contractor can do so bilaterally.
- e. Contractor: The individual or business who has been awarded this Agreement to furnish goods or services for a certain price.
- f. Contractor's Representative: The Contractor's representative, authorized in writing to act on the Contractor's behalf and to be present on the area at nearly all times. This person must be able to speak English fluently for satisfactory communication with the Contracting Officer Representative.
- g. Crew: May be one or more individuals performing work under this contract.
- h. Forester-in-Charge (FIC): The designated Department of Lands representative, *also referred to as the Contracting Officer Representative (COR)*, who will provide daily technical oversight to the contractor and ensure the contractor performs according to the Scope of Work. The FIC cannot modify the stated terms of the contract unilaterally or direct the contractor to perform work not specified in the contract. Only the Contracting Officer and the Contractor can do so bilaterally.
- i. Idaho State Department of Lands (IDL): Acceptable and legal reference to the Idaho Department of Lands for the purposes of this contract.
- j. Pre-work Conference: The meeting between the COR and Contractor about specifics of the contract administration.
- k. Property: Goods, services, parts, supplies and equipment, both tangible and intangible, including, but not exclusively, designs, plans, programs, systems, techniques and any rights and interest in such property.
- l. Procurement Manager or Purchasing Agent: The Contracting Officer for IDL.

- m. Scope of Work: Detailed outline of the location, project description, timeline, and deliverables.
- n. Services: Includes services performed, workmanship, and materials furnished or utilized in the performance of services, including any deliverables.
- o. State of Idaho Board of Land Commissioners or Land Board: The State Board of Land Commissioners (Land Board) is comprised of Idaho's Governor, Secretary of State, Attorney General, Superintendent of Public Instruction, and State Controller. The Land Board serve as the trustees for more than 2.4 million acres of state endowment trust lands in Idaho, with the IDL acting as the administrative arm of the Board, carrying out the executive directives necessary to meet the mandated Constitutional charge codified in Article IX Section 8 of the Idaho Constitution. The Land Board also oversees the work of the IDL in its regulatory and assistance duties, and in managing Idaho's public trust lands.
- p. Unit: A distinct area designated on the ground with specified boundaries. For purposes of this Contract, the unit(s) are found in the project description(s) and are shown on the project maps.

2. REPRESENTATIONS AND WARRANTIES OF THE CONTRACTOR

In order to induce the State to execute this Contract and recognizing that the State is relying thereon, the Contractor, by executing this Contract, makes the following express representations to the State:

2.1 The Contractor is fully qualified to act as the Contractor and shall maintain any and all licenses, permits, or other authorizations necessary to perform as the Contractor.

2.2 The Contractor has become familiar with the project sites and the local conditions under which the Contract is to be performed particularly in correlation to the requirements of the Contract.

2.3 The Contractor has received, reviewed, compared, studied and carefully examined all of the documents which make up the Contract documents, including maps and specifications, and any addenda, and has found them in all respects to be complete, accurate, adequate, consistent, coordinated and sufficient to perform the Scope of Work. Such review, comparison, study and examination shall be a warranty that the Contractor believes that the documents are complete and as described except as reported.

2.4 The Contractor warrants that the period of performance is a reasonable period for performing the Work.

2.5 The Contractor warrants to the State that all labor furnished shall be competent to perform the tasks undertaken; materials and equipment furnished under the Contract will be new and of high quality unless otherwise required or permitted by the Contract documents; that the Work will be complete, of high quality and free from defects not inherent in the quality required or permitted; and that the Work will strictly conform to the requirements of the contract documents. Any Work not strictly conforming to these requirements, including substitutions not properly approved and authorized, shall be considered defective. The Contractor's warranty excludes remedy for damage or defect caused by abuse by the State or its representatives, modifications not executed by the Contractor, improper or insufficient maintenance, improper operation, or normal wear and tear and normal usage. If required by the State, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment. This warranty shall survive the completion of the Contract and final payment to the Contractor.

3. CONTRACT RELATIONSHIP

It is distinctly and particularly understood and agreed between the parties that this Contract does not create an employer/employee relationship. Furthermore, the State is in no way associated or

otherwise connected with the performance of any service under this contract on the part of the Contractor or with the employment of labor or the incurring of expenses by the Contractor. Said Contractor is an independent contractor in the performance of each and every part of this Contract, and solely and personally liable for all labor, taxes, insurance, and other expenses, except as specifically stated herein, and for any and all damages in connection with the operation of this Contract, whether it may be for personal injuries or damages of any other kind. The Contractor shall exonerate, indemnify and hold the State harmless from and against and assume full responsibility for payment of all federal, state and local taxes or contributions imposed or required under unemployment insurance, social security, and income tax laws with respect to the Contractor or Contractor's employees engaged in performance under this Contract. The State does not assume liability as an employer.

4. ANTIDISCRIMINATION/EQUAL EMPLOYMENT OPPORTUNITY CLAUSE

Acceptance of this Contract binds the Contractor to the terms and conditions of Section 601, Title VI, Civil Rights Act of 1964 in that "No person in the United States shall, on the grounds of race, color, national origin, or sex, be excluded from participation in, be denied the benefits of, or be subject to discrimination under any program or activity receiving Federal financial assistance." In addition, "No otherwise qualified handicapped individual in the United States shall, solely by reason of his handicap, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance" (Section 504 of the Rehabilitation Act of 1973). Furthermore, for contracts involving federal funds, the applicable provisions and requirements of Executive Order 11246 as amended, Section 402 of the Vietnam Era Veterans Readjustment Assistance Act of 1974, Section 701 of Title VII of the Civil Rights Act of 1964, the Age Discrimination in Employment Act of 1967 (ADEA), 29 USC Sections 621, et seq., the Age Discrimination Act of 1975, Title IX of the Education Amendments of 1972, U.S. Department of Interior regulations at 43 CFR Part 17, and the Americans with Disabilities Action of 1990, are also incorporated into this Contract. The Contractor shall comply with pertinent amendments to such laws made during the term of the Contract and with all federal and state rules and regulations implementing such laws. The Contractor must include this provision in every subcontract relating to purchases by the State to insure that subcontractors and vendors are bound by this provision.

5. CONTRACTOR RESPONSIBILITY

The Contractor shall be required to assume responsibility for production and delivery of all material and services included in this Contract, whether or not the Contractor is the manufacturer or producer of such material or services. Further, the Contractor will be the sole point of contact on contractual matters, including payment of charges resulting from the use or purchase of goods or services.

6. REGISTRATION WITH SECRETARY OF STATE AND SERVICE OF PROCESS

a. Contractor must independently verify whether it is required by Idaho law to register its business entity or assumed business name with the Idaho Secretary of State and, if required to do so, must remain in good standing during the term of this Contract.

b. Regardless of its registration with the Idaho Secretary of State, and in addition to any methods of service allowed by Idaho law, Contractor hereby consents to service of process upon it by registered or certified mail, return receipt requested, at its last known address. Contractor must notify the State in writing of any change of address to which service of process can be made. Service shall be completed upon Contractor's actual receipt of process or upon the State's receipt of the return thereof by the United States Postal Service as refused or undeliverable. Contractor shall have thirty calendar days after completion of service in which to respond.

7. SUBCONTRACTING

Unless otherwise allowed by the State in this Contract, the Contractor shall not, without written

approval from the State, enter into any subcontract relating to the performance of this Contract or any part thereof. Approval by the State of Contractor's request to subcontract or acceptance of or payment for subcontracted work by the State shall not in any way relieve the Contractor of responsibility for the professional and technical accuracy and adequacy of the work. The Contractor shall be and remain liable for all damages to the State caused by negligent performance or non-performance of work under the contract by Contractor's subcontractor or its sub-subcontractor.

8. STATE OF IDAHO MINIMUM WAGE LAW

It will be the responsibility of the Contractor to fully comply with Section 44-1502, Idaho Code, regarding minimum wage.

9. TAXES

If the Contractor is required to pay any taxes incurred as a result of doing business with the State, it shall be solely and absolutely responsible for the payment of those taxes.

10. AFFIDAVIT OF COMPLIANCE

The Contractor, upon completion of the project work, must furnish the State with a notarized affidavit (See Exhibit A) stating that:

- a. At least the minimum Idaho wage was paid.
- b. There was compliance with all labor laws.
- c. All debts incurred as a result of this contract were paid.
- d. Any further claims against the State under this Contract are relinquished, pending payment for services rendered.

11. LICENSES, PERMITS & FEES

The Contractor shall, without additional expense to the State, obtain all required licenses and permits and pay all fees necessary for executing provisions of this Contract unless specifically stated otherwise herein.

12. SAVE HARMLESS

The Contractor shall protect, indemnify, and save the State harmless from and against any damage, cost, or liability including reasonable attorney's fees for any or all injuries to persons, property or claims for damages arising from any acts or omissions of the Contractor, its employees, or subcontractors.

13. OFFICIALS, AGENTS AND EMPLOYEES OF THE STATE NOT PERSONALLY LIABLE

It is agreed by and between the parties hereto that in no event shall any official, officer, employee or agent of the State be in any way personally liable or responsible for any covenant or agreement herein contained whether expressed or implied, nor for any statement, representation or warranty made herein or in any connection with this Contract.

14. RISK OF LOSS

Risk of loss and responsibility and liability for loss or damage will remain with Contractor until final inspection and acceptance when responsibility will pass to the State except as to latent defects, fraud and Contractor's warranty obligations. Such loss, injury or destruction shall not release the Contractor from any obligation under this Contract.

15. INSURANCE

- a. The Contractor shall obtain and retain in force for the duration of this Contract, the following forms of insurance written by an insurance company having a Best's rating of AV or better and be licensed and admitted in Idaho. The Contractor shall furnish the State with a certificate of insurance executed by a duly authorized representative of each insurer, showing compliance with the insurance requirements set forth below. All certificates shall provide for written notice to the State upon cancellation or material change of any insurance referred to therein. All policies shall be endorsed to include the State of Idaho, its departments, agents, officials, and employees as additional insureds and shall protect the Contractor and the State from claims for damages for bodily injury, including accidental death, as well as for claims for property damages, which may arise from operations under this Contract whether such operations be by the Contractor, his employees, subcontractors, agents, or guests. All policies shall contain waiver of subrogation coverage or endorsements. Failure of the State to demand such certificate(s) or other evidence of full compliance with these insurance requirements or failure of the State to identify a deficiency from evidence that is provided shall not be construed as a waiver of Contractor's obligation to maintain such insurance. Failure to maintain the required insurance may result in termination of this Contract. The Contractor shall provide certified copies of all insurance policies required within ten (10) days if requested by the State.

(1) Commercial General Liability Insurance

Contractor shall maintain commercial general liability insurance with a combined single limit of not less than \$1,000,000 each occurrence. The commercial general liability shall be written on an International Organization of Standardization (ISO) occurrence form or a substitute form approved by the Contracting Officer and shall cover liability arising from premises, operations, independent contractors, products-completed operations, personal injury, advertising injury, and liability assumed under an insured contract including the tort liability of another assumed in a business contract.

(2) Automobile Insurance

The Contractor shall maintain automobile liability insurance which shall provide a minimum \$1,000,000 combined single limit per occurrence and shall include coverage for owned, non-owned, and hired automobiles.

(3) Workers Compensation

The Contractor shall maintain worker's compensation insurance in amounts as required by statute in all states in which the Contractor performs work, and employer's liability insurance with a limit of \$100,000 Bodily Injury by Accident each Accident; \$100,000 Bodily Injury by Disease – each employee; and \$500,000 Bodily Injury by Disease – Policy Limit.

- b. By requiring insurance herein, the State does not represent that coverage and limits will necessarily be adequate to protect Contractor and such coverage and limits shall not be deemed as a limitation on Contractor's liability under the indemnities granted to the State in this Contract.
- c. The Contractor shall require all subcontractors utilized in performance of this Contract to provide certificates of insurance to the State evidencing insurance coverage with the required additional insured endorsements as set forth in the preceding paragraphs.

16. ASSIGNMENTS

The Contractor shall not assign a right or delegate a duty under this Contract without the prior written consent of the State.

17. APPOINTMENT OF REPRESENTATIVES

The State shall, at any given time, designate a COR of the operation. The Contractor shall designate an individual, in writing, who shall be responsible for proper compliance with all Contract provisions which apply to the operation and who will be available on the site at all reasonable times for consultation with the COR.

18. PROHIBITED CONTRACTS

No member of the legislature or officer or employee of any branch of the state government shall directly themselves, or by any other person execute, hold or enjoy, in whole or in part, any contract or agreement made or entered into by or on behalf of the State, if made by, through or on behalf of the department in which they are an officer or employee or if made by, through or on behalf of any other department unless the same are made after competitive bids. (Idaho Code Section 67-9230(2)).

19. GOVERNING LAW

This Contract shall be construed in accordance with, and governed by the laws of the State of Idaho. Any action to enforce the provisions of this Contract shall be brought in State district court in Ada County, Boise Idaho. In the event any term of the Contract is held to be invalid or unenforceable by a court, the remaining terms of this Contract will remain in force.

20. SAFETY INFORMATION

The Contractor assumes full responsibility for the safety of his employees, equipment and supplies. All safety training is the responsibility of the Contractor.

All chemicals, equipment and materials proposed and/or used in the performance of this Contract must conform to the standards required by the William-Steiger Occupational Safety and Health Act of 1970. Contractor must furnish all Material Safety Data Sheets (MSDS) for any regulated chemicals, equipment or hazardous materials at the time of delivery.

21. USE OF THE STATE OF IDAHO NAME

Contractor agrees that it will not, prior to, in the course of, or after performance under this contract, use the State's name in any advertising or promotional media as a customer or client of Contractor without the prior written consent of the State.

22. OWNERSHIP

All information furnished to the Contractor for its use pursuant to this Contract shall belong to the State and shall be returned to the State in good order upon completion of the Contract or upon the State's request. All documents, reports, and any other data developed by the Contractor for the State in the performance of this Contract shall become the property of the IDL. The State shall retain exclusive rights of ownership to all work produced by the Contractor under this Contract.

23. APPROPRIATION BY LEGISLATURE REQUIRED

It is understood and agreed that the State is a government entity and this Contract shall in no way or manner be construed so as to bind or obligate the State beyond the term of any particular appropriation of funds by the State's Legislature as may exist from time to time. The State reserves the right to terminate this contract in whole or in part (or any order placed under it) if, in its judgment, the Legislature of the state of Idaho fails, neglects, or refuses to appropriate sufficient funds as may be required for the State to continue such payments. All affected future rights and liabilities of the parties hereto shall thereupon cease within ten (10) calendar days after notice to the Contractor. It is understood and agreed that the State's payments herein provided for shall be paid from Idaho

State Legislative appropriations and, in some instances, direct federal funding.

24. FORCE MAJEURE

Neither party shall be liable or deemed to be in default for any Force Majeure delay in shipment or performance occasioned by unforeseeable causes beyond the control and without the fault or negligence of the parties, including, but not restricted to, acts of God or the public enemy, fires, floods, epidemics, quarantine, restrictions, strikes, freight embargoes, unusually severe weather, provided that in all cases the Contractor shall notify the State promptly in writing of any cause for delay and the State concurs that the delay was beyond the control and without the fault or negligence of the Contractor. If reasonably possible, the Contractor shall make every reasonable effort to complete performance as soon as possible.

25. ENTIRE AGREEMENT

This Contract, with the State's Invitation to Bid, Request for Proposal or Request for Quotation, including any addenda (such deemed incorporated by reference) and the vendor's response, to the extent it is not in conflict with the specifications or the States terms and conditions (such document deemed incorporated by reference), constitute the entire agreement between the parties with respect to the subject matter hereof and shall supersede all previous proposals or quotations, both oral and written, discussions, representations, commitments, and all other communications between the parties. Where terms and conditions specified in the State's documents or the Contractor's response differ from those specifically stated in this Contract, the terms and conditions of this Contract shall apply.

26. CONTRACT TERMINATION

a. TERMINATION FOR CAUSE WITH NOTICE:

1. The occurrence of any of the following events shall be an Event of Default under this Contract:
 - a. A material breach of any term or condition of this Contract; or
 - b. Any representation or warranty by Contractor in response to the Solicitation or in this Contract proves to be untrue or materially misleading; or
 - c. Institution of proceedings under any bankruptcy, insolvency, reorganization or similar law, by or against Contractor, or the appointment of a receiver or similar officer for Contractor or any of its property, which is not vacated or fully stayed within thirty (30) calendar days after the institution or occurrence thereof; or
 - d. Any default specified in another section of this Contract.
2. The State may terminate the Contract (or any order issued pursuant to the Contract) when the Contractor has been provided written notice of default or non-compliance and has failed to cure the default or non-compliance within a reasonable time, not to exceed thirty (30) calendar days. If the Contract is terminated for default or non-compliance, the Contractor will be responsible for any costs resulting from State's placement of a new Contract and any damages incurred by the State, as a result of the default. The State, upon termination for default or non-compliance, reserves the right to take any legal action it may deem necessary including, without limitation, offset of damages against payment due.
3. Upon written notice of default, Contractor shall be in breach of its obligations under this Contract and the State shall have the right to exercise any or all of the following remedies:

- a. Exercise any remedy provided by law or equity;
- b. Terminate this Contract and any related Contracts or portions thereof;
- c. Impose liquidated damages as provided in this Contract;
- d. Suspend Contractor from receiving future bid solicitations;
- e. Suspend Contractor's performance;
- f. Withhold payment until the default is remedied.

b. TERMINATION FOR CAUSE WITHOUT NOTICE

The State shall not be required to provide advance written notice or a cure period and may immediately terminate this Contract in whole or in part for an Event of Default if the State, in its sole discretion, determines that it is reasonably necessary to preserve public safety or prevent immediate public crisis. Time allowed for cure shall not diminish or eliminate Contractor's liability for damages, including liquidated damages to the extent provided for under this Contract.

c. TERMINATION FOR CONVENIENCE

- 1. The State may terminate this Contract for its convenience in whole or in part, if the State determines it is in the State's best interest to do so.
- 2. After receipt of a notice of termination for convenience, and except as directed by the State, the Contractor shall immediately proceed with the following obligations, as applicable, regardless of any delay in determining or adjusting any amounts due under this clause. The Contractor shall:
 - a. Stop work.
 - b. Place no further subcontracts for materials, services, or facilities, except as necessary to complete the continuing portion of the Contract.
 - c. Terminate all subcontracts to the extent they relate to the work terminated.
 - d. Settle all outstanding liabilities and termination settlement proposals arising from the termination of subcontracts.
- 3. Unless otherwise set forth in the Solicitation, if the Contractor and the State fail to agree on the amount to be paid because of the termination for convenience, the State will pay the Contractor the following amounts; provided that in no event will total payments exceed the amount payable to the Contractor if the Contract had been fully performed:
 - a. The Contract price for Deliverables or services accepted by the State and not previously paid for; and
 - b. The total of:
 - i. The reasonable costs incurred in the performance of the work terminated, including initial costs and preparatory expenses allocable thereto, but excluding any cost attributable to

Deliverables or services paid or to be paid;

- ii. The reasonable cost of settling and paying termination settlement proposals under terminated subcontracts that are properly chargeable to the terminated portion of the Contract; and
 - iii. Reasonable storage, transportation, demobilization, unamortized overhead and capital costs, and other costs reasonably incurred by the Contractor in winding down and terminating its work.
4. The Contractor will use generally accepted accounting principles, or accounting principles otherwise agreed to in writing by the parties, and sound business practices in determining all costs claimed, agreed to, or determined under this clause.

d. **TERMINATION FOR FISCAL NECESSITY**

The State is a government entity and it is understood and agreed that the State's payments herein provided for shall be paid from Idaho State Legislative appropriations. The Legislature is under no legal obligation to make appropriations to fulfill this Contract. This Contract shall in no way or manner be construed so as to bind or obligate the State beyond the term of any particular appropriation of funds by the State's Legislature as may exist from time to time. The State reserves the right to terminate this Contract in whole or in part (or any order placed under it) if, in its sole judgment, the Legislature of the State of Idaho fails, neglects, or refuses to appropriate sufficient funds as may be required for the State to continue such payments, or requires any return or "give-back" of funds required for the State to continue payments, or if the Executive Branch mandates any cuts or holdbacks in spending, or if funds are not budgeted or otherwise available, or if the State discontinues or makes a material alteration of the program under which funds were provided. The State shall not be required to transfer funds between accounts in the event that funds are reduced or unavailable. All affected future rights and liabilities of the parties shall thereupon cease within ten (10) calendar days after notice to the Contractor. Further, in the event of non-appropriation, the State shall not be liable for any penalty, expense, or liability, or for general, special, incidental, consequential or other damages resulting therefrom.

27. PERFORMANCE OF THE CONTRACTOR

Failure of the Contractor to commence operations as mutually agreed upon by the Contractor and the State, to maintain the required production rate, to complete operations as prescribed herein, or failure to meet other terms of the contract, shall give the State the right to terminate the Contract. Such termination shall not affect any rights of the State for recovery of damages from any payment for services due Contractor hereinbefore provided for in any action at law or in equity.

28. MODIFICATION

This Contract may not be released, discharged, changed or modified except by an instrument in writing signed by a duly authorized representative of each of the parties.

29. PUBLIC RECORDS

Pursuant to Idaho Code Section 74-101 through 74-126, information or documents received from the Contractor may be open to public inspection and copying unless exempt from disclosure. The Contractor shall clearly designate individual documents as "exempt" on each page of such documents and shall indicate the basis for such exemption. The State will not accept the marking of an entire document as exempt. In addition, the State will not accept a legend or statement on one (1) page that all, or substantially all, of the document is exempt from disclosure. The Contractor

shall indemnify and defend the State against all liability, claims, damages, losses, expenses, actions, attorney fees and suits whatsoever for honoring such a designation or for the Contractor's failure to designate individual documents as exempt. The Contractor's failure to designate as exempt any document or portion of a document that is released by the State shall constitute a complete waiver of any and all claims for damages caused by any such release. If the State receives a request for materials claimed exempt by the Contractor, the Contractor shall provide the legal defense for such claim.

30. CONFIDENTIAL INFORMATION:

Pursuant to this Contract, Contractor may collect, or the State may disclose to Contractor, financial, personnel or other information that the State regards as proprietary, confidential or exempt from disclosure ("Confidential Information"). Confidential Information shall belong solely to the State. Contractor shall use such Confidential Information only in the performance of its services under this Contract and shall not disclose any Confidential Information to any third party, except with the State's prior written consent or under a valid order of a court or governmental agency of competent jurisdiction, and then only upon timely notice to the State. The State may require that Contractor's officers, employees, agents or subcontractors separately agree in writing to the obligations contained in this section or sign a separate confidentiality agreement. Confidential Information shall be returned to the State upon termination of this Contract. The confidentiality obligation contained in this section shall survive termination of this Contract. Confidential Information shall not include data or information that:

- a. Is or was in the possession of Contractor before being furnished by the State, provided that such information or other data is not known by Contractor to be subject to another confidentiality agreement with or other obligation of confidentiality to the State;
- b. Becomes generally available to the public other than as a result of disclosure by Contractor; or
- c. Becomes available to Contractor on a non-confidential basis from a source other than the State, provided that such source is not known by Contractor to be subject to a confidentiality agreement with or other obligation of confidentiality to the State.

31. NON-WAIVER

The failure of any party, at any time, to enforce a provision of this Contract shall in no way constitute a waiver of that provision, nor in any way affect the validity of this Contract, any part hereof, or the right of such party thereafter to enforce each and every provision hereof.

32. NO WAIVER OF SOVEREIGN IMMUNITY

In no event shall this Contract or any act by the State, be a waiver of any form of defense or immunity, whether sovereign immunity, governmental immunity, immunity based on the Eleventh Amendment to the Constitution of the United States or otherwise, from any claim or from the jurisdiction of any court. If a claim must be brought in a federal forum, then it must be brought and adjudicated solely and exclusively within the United States District Court for IDL. This section applies to a claim brought against the State only to the extent Congress has appropriately abrogated the State's sovereign immunity and is not consent by the State to be sued in federal court, or a waiver of any form of immunity, including but not limited to sovereign immunity and immunity based on the Eleventh Amendment to the Constitution of the United States.

33. ATTORNEYS' FEES

In the event suit is brought or an attorney is retained by any party to this Contract to enforce the terms of this Contract or to collect any moneys due hereunder, the prevailing party shall be entitled to recover reimbursement for reasonable attorneys' fees, court costs, costs of investigation and

other related expenses incurred in connection therewith in addition to any other available remedies.

34. TRASH CLEANUP

The Contractor shall be responsible for picking up and properly disposing of all trash generated as a result of this Contract at the end of each day. This includes any camps made by Contractor personnel. Cleanup shall be done to the satisfaction of the COR and shall not affect any rights of the State for the recovery of costs of the cleanup.

35. CAMPING ON STATE LAND

Contractor personnel may, with written approval from the State, camp during the Contract period on State land. Such camping will be at the Contractor's own risk. Any camps will be made according to conditions set forth by the IDL Supervisory Area and be in compliance with State Land Board rules and regulations for fire prevention.

36. FIRE PREVENTION RESPONSIBILITIES

- a. The Contractor will adhere to the State Land Board rules and regulations which set forth fire prevention safety precautions for woods operations. Such rules and regulations are available at any IDL office. These rules and regulations will be outlined during the pre-work conference with the Contractor.
- b. The Contractor shall not build any open fires at any time of the year on the contract area without first obtaining written permission from the State.
- c. Fire spreading through the Contract area which is a result of the Contractor's operation or employees' actions shall be the liability of the Contractor.

37. GOVERNMENT REGULATIONS

The Contractor shall abide by and comply with all laws and regulations of the United States, the State of Idaho including the Forest Practices Act (Title 38, Chapters 1 and 13, Idaho Code), counties or other governmental jurisdictions wherein the work is executed insofar as they affect this contract. The Contractor will make all payments, contributions, remittances, and all reports and statements required under said laws.

Contractor guarantees that all items meet or exceed those requirements and guidelines established by the Occupational Safety and Health Act, Consumer Product Safety Council, Environmental Protection Agency, or other regulatory agencies.

38. PAYMENTS AND COMPLIANCE

Payment(s) shall be made to the Contractor following satisfactory completion of all Contract requirements and as described in the attached project description(s). Payment(s) will be at the rate(s) set forth in Schedule A. Total Contract payments shall not exceed \$ TBD. All payments will be made according to Idaho Code Section 67-2302.

39. CONTRACT PERIOD

This Contract will become effective once signed by all parties. The Contractor and Contracting Officer Representative(s) will discuss the Contract terms, work performance requirements, and tentative work schedule. This Contract shall expire one year from its effective date.

SIGNATURE PAGE

IN WITNESS WHEREOF, the parties have caused this Contract to be executed effective this _____ day of _____, 20___, in Boise, Idaho.

IDAHO DEPARTMENT OF LANDS

CONTRACTOR NAME

By _____

By _____

Title _____

Title _____

Contractor's Social Security
or Employer Number

Taxpayer ID# (TIN)

Contractor's Phone/Contact No.

email if available

DRAFT

ATTACHMENT 1

SPECIAL PROVISIONS PRECOMMERCIAL THINNING, CULL REMOVAL, SLASHING, AND PRUNING

Unless stated otherwise, all work performed shall conform to that commonly used in the forestry profession, the IDL Forest Management Manual, and as directed by the IDL.

1. ADDITIONAL DEFINITIONS AND TERMS

- a. Bearing Tree (B.T.): A painted tree that references the location of the corner monument through distance and azimuth on a tag attached to said tree.
- b. Blister Rust Canker: Lethal blister rust cankers are defined as bole cankers and/or branch cankers located closer than six inches (6") to the main stem.
- c. Branch Collar: The basal enlargement of a branch.
- d. Buffer Zone or Buffer Strip: An untreated leave strip; no treatment (thinning/slashing) required.
- e. Crop Trees: Crop trees (leave trees) are trees to be left and will be the best dominant or co-dominant conifers of good form and vigor and are free from insects and disease.
- f. Diameter Breast Height (DBH): A point on the tree stem 4.5 feet above average ground level.
- g. Hang-ups: Partially severed stems or stems completely severed which are not placed on the ground.
- h. Lift: The height that limbs are pruned in a particular operation.
- i. Mechanical Treatment: The use of power saws, axes, pruning saws, or other approved tools to remove surplus (cut) trees, limbs, and brush.
- j. Pre-suppression Lanes: Fire trails designated in the project description and project map.
- k. Pruning: The severing of all live and dead limbs from the bole of a tree to the specified pruning height.
- l. Pruning Height: Pruning height will be determined from the uphill side of a tree.
- m. Slash: All severed trees, tops, and debris created as a result of the cutting activity.
- n. Surplus Trees: All trees which do not meet contract specifications as per the master contract and attached project description(s), and are required to be cut. Surplus trees includes trees larger than the specified minimum height and are not needed to meet spacing requirements, trees not completely severed from the stump, or cut trees with stumps not cut below the lowest live limb(s), stumps taller than the minimum height, and hang-up trees. In addition, trees that are required to be girdled, but not girdled or not girdled properly, and all hardwood species (trees and shrubs) not cut, if required, are also considered as surplus trees.

2. ITEMS TO BE FURNISHED BY THE CONTRACTOR

The Contractor will furnish all labor, equipment, supervision, transportation, materials and incidentals necessary to satisfactorily complete this contract including all safety equipment required by current laws and regulations.

The Contractor will also provide all bilingual (English and the principal language of the crew members) supervisory personnel as specified below:

- 1 - 6 Crewmen = 1 Thinning Crew Supervisor
- 7 - 11 Crewmen = 2 Thinning Crew Supervisors
- 12 or more Crewmen = 2 Non-thinning Crew Supervisors

3. ITEMS TO BE FURNISHED BY THE STATE

The IDL shall furnish:

- a. A COR to acquaint the Contractor with each unit to be worked and to conduct periodic field inspections.
- b. Copies of administrative maps and project map(s).
- c. Other items as per the project description(s)

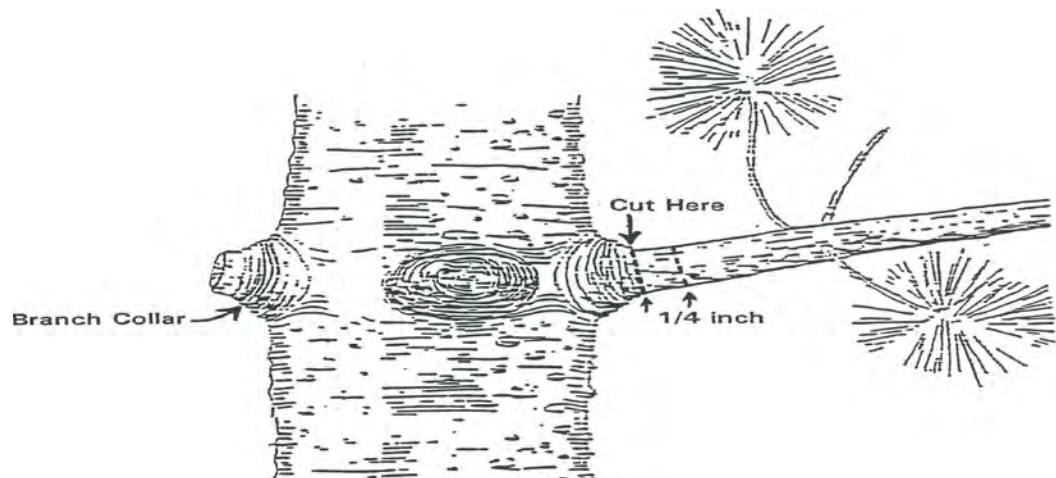
4. LOCATIONS AND ACREAGE DETERMINATION

- a. The unit boundaries, other than for easily identified ground features, have been marked with paint or flagging as per the project description(s).
- b. Acreage as indicated in the project description(s) was measured on the horizontal plane using GIS. Large openings, roads, and buffer zones have been deducted from the gross acreage and are designated as excluded areas on the project map(s).

5. CUTTING REQUIREMENTS

- a. The Contractor will select or reserve the trees based on quality or as specified in the project description or FIC. The Contractor will leave all healthy (disease and insect free), vigorous trees six (6") inches DBH and larger unless otherwise specified in the project description or by the FIC as a living cull described below.
- b. Surplus trees from two feet (2') and taller will be mechanically treated by completely severing the stem below the lowest live limb. "Hang-ups" or partially severed stems will not be allowed. Patches may exist within the project area which possess an unusually high density of vigorous healthy larger stems (6 inches DBH and larger). In these areas, the FIC may direct the contractor to increase the stand density accordingly to preserve these larger stems.
- c. Stump height for thinning size material will not exceed twelve (12) inches as measured from the uphill side of the tree.
- d. Except for crop or leave trees as specified above, mechanically remove the following: (Applies to thinning and cull removal)
 - (1) All whips and other surplus conifer trees to a minimum height as specified in each project description.
 - (2) All hardwood species located within 8 feet of a conifer crop tree which are, in height, within 3 feet to overtopping a crop tree or as directed by the project description or the COR.
 - (3) Leave trees damaged by falling of surplus trees will be felled, or as directed by the forester-in-charge.
 - (4) Trees of poor form and vigor (living culls) to include:
 - i. Trees with signs of insects and/or disease such as conks, western gall rust, or blister rust bole cankers.

- ii. Trees with excessive crooks, forks, leaning, or otherwise damaged from previous logging, including trees with “suckers” which is one where the top had died back and the terminal growth is assured by another limb.
 - iii. Trees with less than twenty-five percent (25%) of total height in live green crown.
 - iv. Trees with a “dry” or dead side.
 - v. Trees with flat tops crowns.
- (5) All animal damaged trees.
- (6) All trees with trunk infections including western white pine trees with lethal blister rust cankers (bole cankers). Western white pine will be selected as a crop tree if it appears to be blister rust resistant and is in vigorous condition.
- (7) Girdling will be permitted where falling of the tree will cause damage to the crop tree(s). Girdle by two continuous saw kerfs no more than 6-inches apart through the cambium layer around the bole of the tree. For safety considerations, cut no more that one-inch (1”) into the wood beyond the cambium layer.
- (8) If branch pruning is done on crop trees to clear a way for cutting non-crop trees using chain saws, prune the branches within one-inch of the bole. Do not cut into the bark on the main bole. If branch pruning of western white pine crop trees for blister rust control is required, procedures will be used as per below (numbers 8 and 10), and the attached project description.
- (9) Pruning operations shall be conducted in a manner that does not cause tree damage. All pruning for white pine blister rust control shall be performed with hand pruners, lopping shears or pruning saws as described in the project description and approved by the COR.
- (10) Cutting down western white pine crop trees which do not have lethal blister rust cankers shall be considered grounds for termination of the contract.
- (11) On western white pine trees to be pruned, all live limbs, dead limbs and needles on the main bole shall be completely severed from the tree. Branches are to be pruned to leave a flat cut surface within one-quarter inch (1/4”) of the branch collar as shown in the below diagram.



- (12) The Contractor will leave all snags if can do so safely. Any other snag falling requirements will be stated in the Project Description or per COR.
- (13) Stream channels shall be kept free of slash, debris, or foreign material as per the Forest Practices Act. Trees shall be felled away from the stream and any material introduced into or over a live stream in the thinning or pruning process will be removed and placed at

least 5 feet horizontal distance from the high water mark.

(14) Mistletoe infected trees

- i. Dwarf mistletoe infected trees will be rated by the following point system. Leave trees < 8 inches dbh will be rated 2 or less, and leave trees > 8 inches dbh will be those with a rating of 3 or less, unless otherwise specified by the forester-in-charge.
- ii. The Six-Class Dwarf Mistletoe Rating System
 - Step 1: - Divide the live crown into thirds.
 - Step 2: - Rate each third separately by the following rating system.
 - 0 = No Visible Infection
 - 1 = Light Infections ($\frac{1}{2}$ or less of total number of branches in the third infected).
 - 2 = Heavy Infection (more than $\frac{1}{2}$ total of branches in the third infected).
 - Step 3: - Add rating of the thirds to obtain A rating for the total tree.
 - Step 4: - Stand values may be obtained by averaging individual tree ratings.

6. THINNING SLASH HAZARD ABATEMENT REQUIREMENTS

- a. Designated roads and skid trails, noted on the project map or as directed by the COR, around and throughout the project area provides access and acts as additional fire trails. The Contractor will remove all slash from running surface of all spur roads and perimeter skid trails. The Contractor will pull this thinning debris back into the unit and / or hand piled, in piles of sufficient size, as designated by the COR, to allow for burning. All felled material in or protruding over the top of cutbanks and at least two feet (2') beyond the fill side on these roads and skid trails will be removed by the Contractor and redistributed within treated area or as directed by the COR or per the Project Description.
- b. All felled material which falls outside the unit boundaries shall be pulled back into the unit(s).
- c. If contractor produces piles, the contractor shall not place them within ten (10) feet from any live green tree or as specified in the Project Description or per COR.
- d. Additional hazard abatement treatments are listed in the attached project description(s) or by the COR.
- e. Slash hazard abatement will be kept current with thinning operations as directed by the COR.
- f. Vehicle access control with locked gates will be maintained.

7. CONTRACT ADMINISTRATION

- a. The COR will administer the contract as required in all specifications.
- b. Disputes between the COR and the Contractor will be resolved by the State.
- c. The COR has the following authority in addition to that delegated in other portions of the contract:
 - (1) Decide questions of fact arising in regard to quality and acceptability of equipment to be used, materials furnished, and all work performed.
 - (2) Make recommendations for payment.

8. INSPECTIONS

The COR will inspect the contract work to determine if treatment is satisfactory. The COR's inspection reports will be furnished to the Contractor by the COR so that any deficiencies may be corrected as contract work progresses.

If the original inspection results are unacceptable to the Contractor on either a completed or partially completed unit, one reinspection of the inspection plots may be requested in writing. The COR and Contract Representative shall together revisit the inspection plots to determine the accuracy of the inspection plots. The results of the second inspection will be used in determining payment. If the second inspection results fall below the acceptable limit, the Contractor shall pay for the cost of reinspection.

9. PAYMENT PROCEDURES

a. Payment shall be made on the satisfactory completion of each project unit as per the master contract, attached project description(s), and COR. Payment to be made at the rate(s) set forth in Schedule A attached hereto.

b. The minimum acceptable standard for satisfactory work is ninety percent (90%). If work falls below ninety percent (90%), the State will inform the Contractor in writing.

(1) If the percent satisfactory is less than ninety percent (90%) due to the cutting of too many crop trees and the unit cannot be reworked, the Contractor will be assessed damages by reducing payment five percent (5%) for each one percent (1%) outside contract standards.

$$* \text{ Percent Reduction} = (90\% - \text{Percent Satisfactory}) \times 5$$

(2) If the percent satisfactory falls below eighty percent (80%) due to the cutting of too many crop trees, there will be no payment for the thinning payment unit. The Contractor will be notified in writing immediately. If unacceptable work continues, the contract will be canceled.

c. Inspection plots will be used to determine the percent satisfactory compliance. Compliance and payment for work performed will be based on the following:

(1) A minimum of two (2) plots for each five (5) acres accomplished will be established for all circular plots. Size of plot will be decided based upon terrain and desired average spacing as stated in the project description or COR.

(2) Acceptable spacing and number of trees per acre as specified in the Project Description for the area is based on the following Per Acre Zone of Acceptance:

PER ACRE ZONE OF ACCEPTANCE
Number of Crop Trees

Spacing	Minimum	Average	Maximum
9' x 9'	480	535	590
10' x 10'	400	435	480
11' x 11'	320	360	400
12' x 12'	260	303	340
13' x 13'	220	258	300
14' x 14'	180	222	260
15' x 15'	160	194	240
16' x 16'	120	170	200
17' x 17'	110	151	180
18' x 18'	105	134	160
19' x 19'	100	121	140
20' x 20'	90	109	120

d. The required number of crop trees per acre must fall between the maximum and minimum listed in the Per Acre Zone of Acceptance as specified by spacing in the project description.

e. The unit is unsatisfactorily treated when sample plots reveal an average of more than one surplus tree per plot and/or when the number of crop trees plus any remaining surplus trees is outside the Per Acre Zone of Acceptance limits for the required spacing.

- f. If work on a unit or part thereof fails to meet contract specifications due to excess trees left, payment will be withheld on the unsatisfactory unit(s). The Contractor shall, at no additional expense to the State, retreat unsatisfactory units or parts thereof. In the event the contract is terminated for unsatisfactory performance, payment will be made for work satisfactorily completed.
- g. Excess or surplus trees must be treated to the satisfaction of the State before work may be performed in any other portion of the unit or units.
- h. Inspection for acceptance of pruning performance and compliance for contract payment will be performed using the following sampling methods:
 - (1) Acceptance of pruned trees will be based on a minimum of three (3) trees per acre within each unit, or as described in the project description.
 - (2) Inspections will be made within the 1/20 or 1/50 acre fixed plots that will be taken for thinning compliance plots.
- i. Payment for acres pruned will be adjusted as follows:
 - (1) If % Satisfactory is greater than or equal to 90%, payment will be made at the full contract price.
 - (2) If % Satisfactory falls below 90%, there will be no payment for the pruning unless the unit can be satisfactorily reworked by the Contractor at no additional expense to the state.
- j. Payment shall be made by unit as each unit is declared satisfactorily completed by the COR. In the event that a unit is not completed and the State elects to terminate this contract, the acreage treated satisfactorily will be traversed by the State, and the cost of such traverse will be deducted from the Contractor's final payment.
- k. Any disputes on project acreage(s) by the Contractor must be submitted to the State in writing during the contract period. The State will traverse the unit(s) in question. If the traverse acreage is within 105 percent of the contract acreage, the Contractor will pay for the cost of the traverse. If the traversed acreage exceeds 105 percent of the contract acreage, the Contractor will be paid on the basis of the traversed acreage, and there will be no charge for the traverse.

10. COMPLIANCE FOR PAYMENT

- a. Acceptance of work to be performed will be based on a series of inspection plots as by the COR. The type and number of inspection plots to determine contract compliance is outlined in the attached project description. At each inspection plot the State will determine and record the following:
 - (1) Total number of trees left.
 - (2) Acceptable (optimum) number of crop trees.
 - (3) Number of acceptable crop trees \geq 6" dbh that the contractor cut.
 - (4) Number of trees left that the contractor should have cut.
 - (5) Number of poor tree species left.
 - (6) Number of poor crop trees left.
 - (7) Number of stumps > 12" in height or cut trees with stumps not cut below the lowest live limb(s).
 - (8) Number of hardwood trees/brush that the contractor should have cut.

- b. The COR will use an inspection form to sum the total number of errors and determine the percent of satisfactory work. The total errors divided by the total number of acceptable (available) crop leave trees within the plots (as described below and the project description), equals the percent unsatisfactory work. One hundred percent (100%) minus the percent unsatisfactory work equals the percent satisfactory work.

* Percent Satisfactory =

$$\frac{\text{Total Number of Errors}}{\text{Acceptable \#Crop Trees}} \times 100 = \% \text{Unsatisfactory}$$

$$100\% - \% \text{Unsatisfactory} = \% \text{Satisfactory}$$

* All percentages will be rounded to the nearest whole percent.

- c. The COR will perform a series of inspection plots to determine the acceptance of the pruning work performed. The type and number of inspection plots to determine contract compliance is outlined in the attached project description. At each inspection plot the State will determine and record the following items:

- (1) Satisfactory pruned trees
- (2) Non-pruned tree(s) that should have been pruned
- (3) Pruned trees with the following deficiencies:
 - i. improper pruning height
 - ii. missed limbs or bole needles
 - iii. stub length too long (includes branch splinters)
 - iv. operational damage to the tree (bole damage)
 - v. basis of payment for pruning:

Upon inspection of all plots for project work, the quality of pruning will be calculated as follows:

* Percent Satisfactory =

$$\frac{\text{Acceptable No. of Trees Pruned}}{\text{Total No. of Trees Which Should Have Been Pruned}} \times 100 = \% \text{ Satisfactory}$$

* All percentages will be rounded to the nearest whole percent.

PROJECT DESCRIPTION

Pre-commercial Thinning

SUPERVISORY AREA: Priest Lake

PROJECT NAME: PL Thin 2020

PROJECT NUMBER: 10-677-112-20

PROJECT ACRES: 267

PROJECT LOCATION:

Unit 1: Is located approximately 15 miles north west of Coolin, Idaho.
Unit 2: Is located approximately 14 miles north west of Coolin, Idaho.
Units 3-5: Are located approximately 12-13 miles south west of Coolin, Idaho.
Units 6-8: Are located approximately 11 miles south west of Coolin, Idaho.

Please see attached map(s) for more specific locations.

AREA HISTORY:

Unit 1: This unit was harvested using a seed tree prescription in 1996 with the Goose Creek timber sale (TS-10-3025).

Unit 2: There is no information on the sale area at this time. It appears to have been cut with a seed tree prescription approximately 24 years ago.

Units 3: 4 & 5: These units were harvested using a seed tree prescription in 1996 with the North Fork Sawlog timber sale (TS-1-2872). These units were burned spring and fall of 1996. In 2008, the overstory was removed with the Mid Bugs Over timber sale (TS-10-3607).

Unit 6 & 8: These units were harvested in 1990 with the Waters Creek Poles timber sale (TS-1-2611). In 1995 these units were harvested with the Waters Creek timber sale (TS-1-2789) using a seed tree prescription. In 2003, these units were harvested with the Easy Water salvage sale (SS-1-0153) removing the overstory.

Unit 7: This unit was harvested using a seed tree prescription in 1995 with the Waters Creek timber sale (TS-1-2789). In 2012 the overstory was harvested with the Mid Overlook OSR timber sale (TS-10-3850).

ACCESS:

Access to the units is over main, secondary and spur roads. Depending on the condition of some spur roads, four-wheel drive vehicles may be necessary. Access to Unit 1 is from Road 2 through a red gate. Access to Unit 2 is from Road 2. Access to Unit 3 is from Road 14 and Spur Road 144. Access to Unit 4 is from Road 14. Access to Unit 5 is from Road 14. Access to Unit 6 is from Road 14. Access to Unit 7 is from Road 14. Access to Unit 8 is from Road 2. See attached maps for more specific access information.

SITE DESCRIPTION:

1. Soils Present: According to the USDA Soil Survey website the following soils are present within the project area:

Bonner silt loam is found on all units.

2. Pathological and Entomological:

Fir engraver and pockets of root rot have led to some mortality in the grand fir throughout the project area.

3. Other Stand Data:

Unit	Aspect	Ave. Slope %	Elevation Low	Elevation High	Habitat Type	10 yr Radial Growth	Ave Age of Dominants
1	W	15	3520	3640	TSHE/CLUN	NA	18
2	Flat	5	3440	3520	TSHE/CLUN	NA	24
3	W	25	3000	3250	TSHE/CLUN	NA	24
4	NW	25	3120	3420	TSHE/CLUN	NA	21
5	NW	30	3380	3640	TSHE/CLUN	NA	20
6	W	25	3085	3480	TSHE/CLUN	NA	32
7	NW	30	3100	3420	TSHE/CLUN	NA	18
8	NW	25	3480	3920	TSHE/CLUN	NA	21

TREATMENT TYPE:

Unit	Treatment	Spacing	Acres	TPA Cut*	% WP in Stand**	Species Preference
1	Thin	9 X 9	22	1519	NA	WL, DF, WP, GF, WH, ES, PP, LP, CE, AF
2	Thin	9 X 9	37	1403	NA	WL, DF, WP, GF, WH, ES, PP, LP, CE, AF
3	Thin	9 X 9	24	1052	NA	CE, DF, WL, WP, GF, WH, ES, PP, LP, AF
4	Thin	9 X 9	19	965	NA	CE, DF, WL, WP, GF, WH, ES, PP, LP, AF
5	Thin	9 X 9	60	2095	NA	CE, DF, WL, WP, GF, WH, ES, PP, LP, AF
6	Thin	9 X 9	44	1398	NA	CE, DF, WL, WP, GF, WH, ES, PP, LP, AF
7	Thin	9 X 9	26	1398	NA	CE, DF, WL, WP, GF, WH, ES, PP, LP, AF
8	Thin	9 X 9	35	2528	NA	CE, DF, WL, WP, GF, WH, ES, PP, LP, AF

Total 267

Treatment by Type

Thin	267
Prune	0
Slash	0
Cull Removal	0
Thin & Prune	0

Species Abbreviations:

AF: subalpine fir	CE: western redcedar
DF: Douglas-fir	ES: Engelmann spruce
GF: grand fir	LP: lodgepole pine
PP: ponderosa pine	WH: western hemlock
WL: western larch	WP: western white pine

*Trees per acre cut are estimates only from plot data. There are large variations of tree densities from large opening with no trees to high-density “thickets” with more cut trees per acre than plot data shows. The contractor should visit sites and make their own estimates.

SPECIAL TECHNICAL SPECIFICATIONS:

A. THINNING:

1. Crop or leave trees are to be dominant or co-dominant conifers selected by the Contractor on the spacing specified above (average 535 trees per acre), or as designated by the forester-in-charge. Spacing may vary by 4 to 5 feet in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.
 - a. The acceptable range for trees per acre is 480 to 590.
 - b. Species preference is listed in the Treatment Type table above for trees of equal height and diameter.

PERIOD OF PERFORMANCE:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the FIC. Contract work shall not begin prior to June 15, 2020. Contract work shall be completed by October 15, 2020.

INSPECTION & COMPLIANCE:

Either a 1/20th acre circular plot (26.3 feet radius horizontal distance) or a 1/50th acre circular plot (16.65 ft. radius horizontal distance) will be used for inspection. Where excessive crop trees are found to be the result of trees over 6 inches DBH which cannot be cut, the Contractor will not be penalized.

PAYMENT:

Invoices for payment will be submitted to the COR. This project will be paid on a per acre basis after acceptable satisfactory completion of the following payment unit:

	<u># of Acres</u>	<u>Units</u>
Payment Unit 1	267	1 - 8

Partial payment for units completed may be approved by the FIC. However, no payment will be processed prior to July 1, 2020, unless otherwise approved by the FIC.

INFORMATION:

Further information will be available by contacting the following address:

Robert Funk
Rfunk@idl.idaho.gov
Idaho Department of Lands
Priest Lake Supervisory Area
Coolin, Idaho 83821
Phone: (208) 443-2516

R 05 W

R 04 W

R 03 W

R 02 W

T 61 N

T 60 N

T 59 N

T 58 N



Project Area

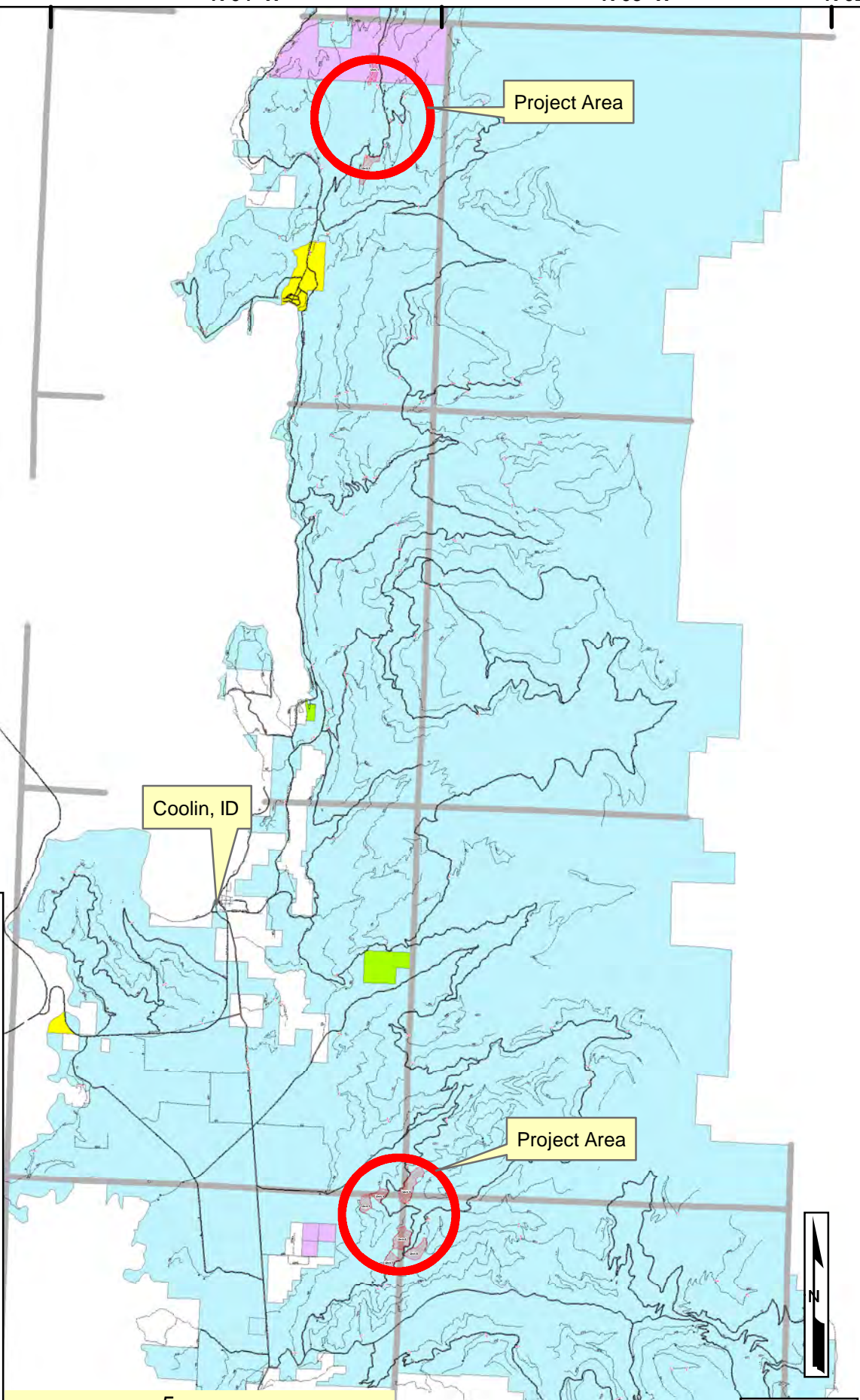


Project Area

Coolin, ID

Legend

- Thinning Unit
- Streams**
 - Class I
 - Class II
- Access Control Structures**
 -
 -
- Roads**
 -
 -
 -
- IDL Ownership Endowment**
 - Public Schools
 - Normal Schools
 - University of Idaho
 - General Fund
 - IDL ITB 21-204
 - State Parks

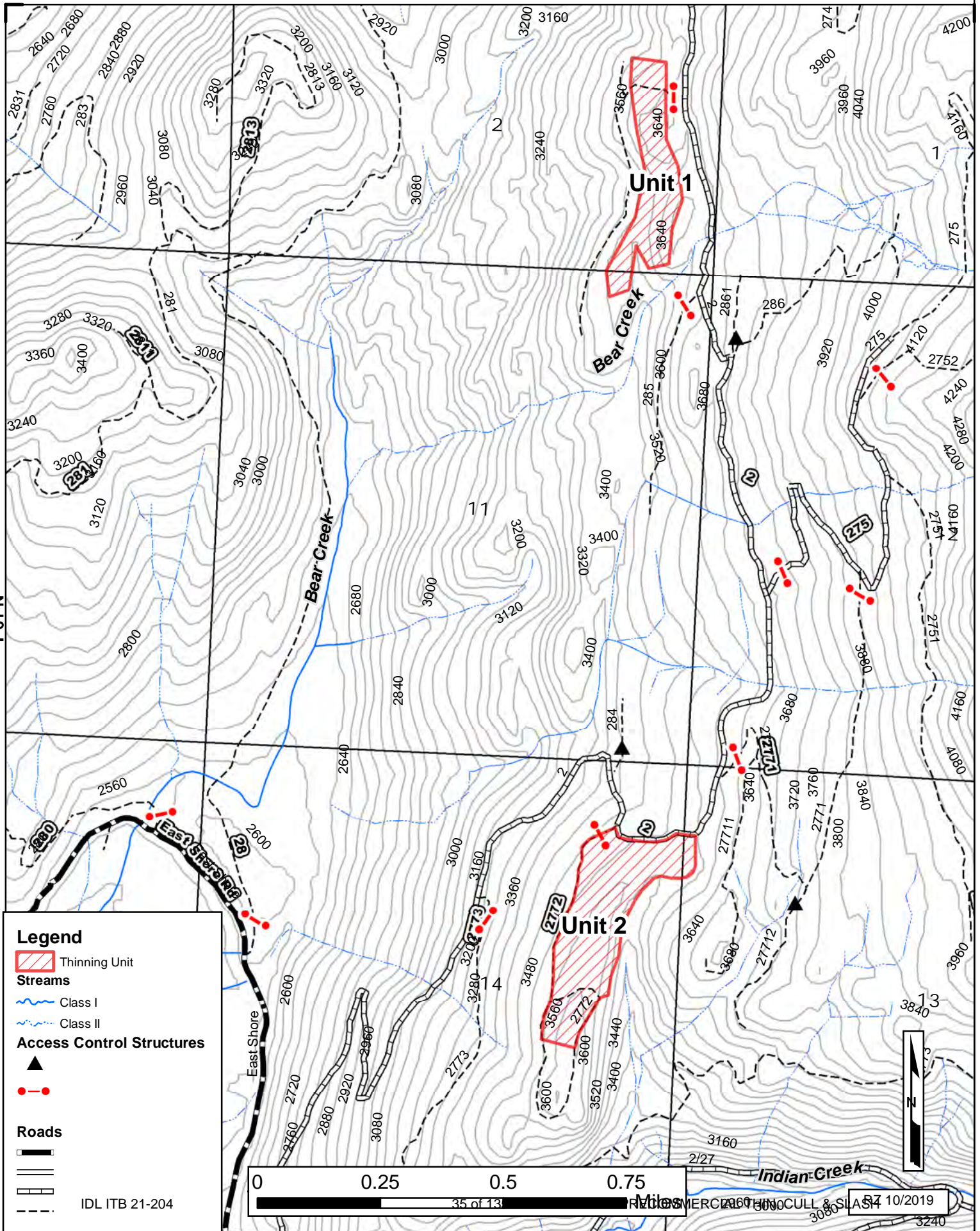


5 34 of 135 Miles



R 04 W

T 61 N



Legend

Thinning Unit

Streams

Class I

Class II

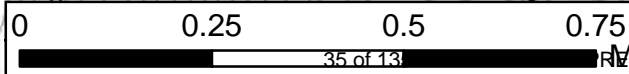
Access Control Structures

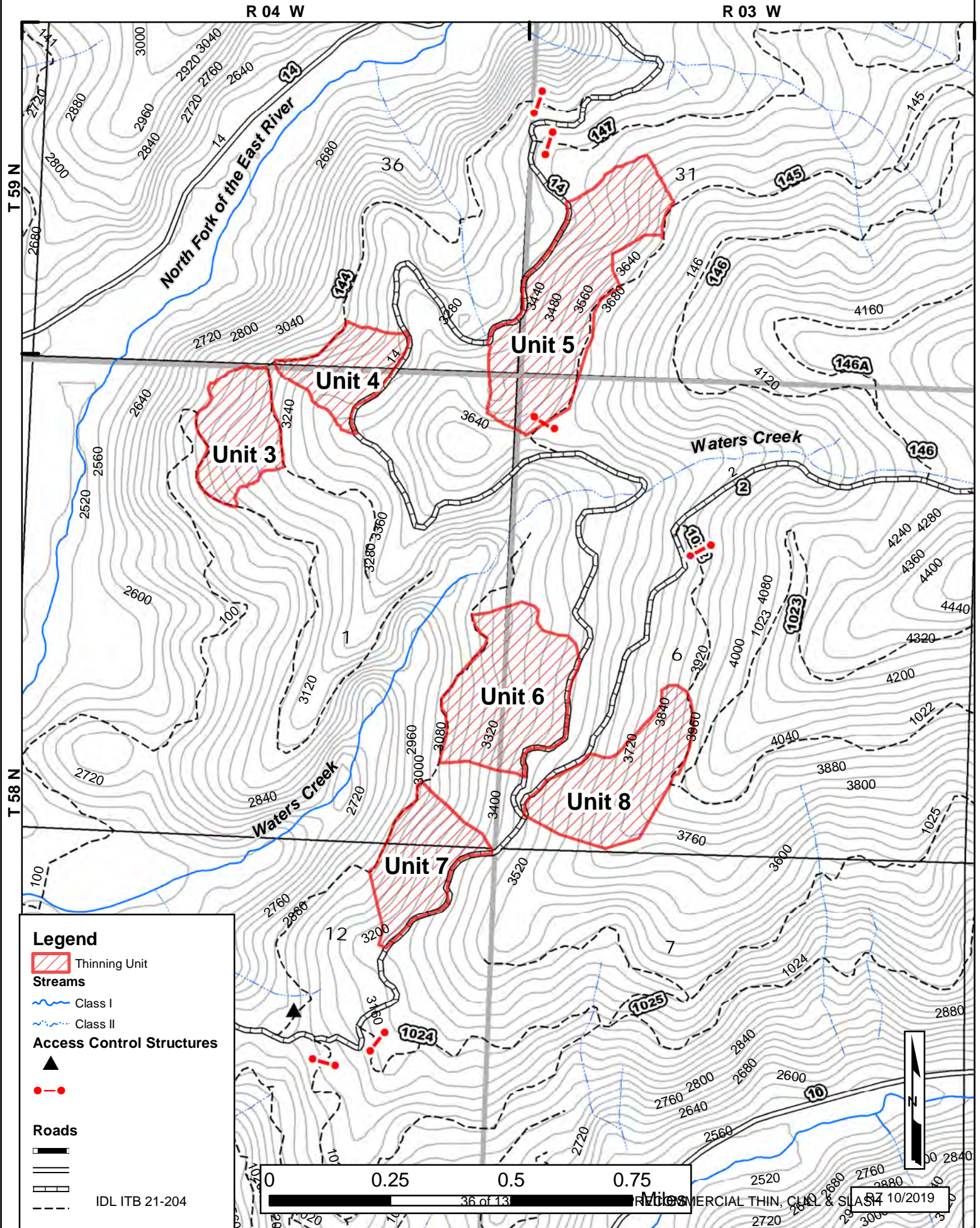
▲

●- - - ●

Roads

IDL ITB 21-204





0 0.25 0.5 0.75 Miles

36 of 131
COMMERCIAL THIN, CML & SLA 5/10/2019

PROJECT DESCRIPTION Slashing

SUPERVISORY AREA: Priest Lake
PROJECT NAME: PL Slashing FY21
PROJECT NUMBER: 10-675-108-20
PROJECT ACRES: 338

PROJECT LOCATION:

The slashing units are located in several drainages within the Priest Lake Supervisory Area. Drainages from north to south: Trapper Creek, Two Mouth Creek, Horton Creek and the South Fork of Hunt Creek. See the attached maps for specific unit locations.

AREA HISTORY:

Unit 1 (151 acres): This unit was clearcut in 2018 with the Mollie Gasp timber sale (TS-10-4138).
 Unit 2 (152 acres): This unit was seedtree harvested in 2018 with the Two Mouth Pieces (TS-10-4177) timber sale.
 Unit 3 (27 acres): This unit was clearcut in 2018 with the Charlie Horton (TS-10-4112) timber sale.
 Unit 4 (8 acres): This unit was clearcut in 2018 with the Camel Hunt (TS-10-4254) timber sale.

ACCESS:

Access to the units is by rocky secondary and native surface spur roads.

SITE DESCRIPTION:

1. Soils Present: Predominantly Priestlake gravelly sandy loam.
2. Pathological and Entomological: None noted.
3. Other Stand Data:

Unit	Aspect	Ave. Slope %	Elevation Low	Elevation High	Habitat Type	10 yr Radial Growth	Ave Age of Dominants
1	SE-W	20	2800	3480	571	NA	NA
2	S-NW	30	2880	4360	523-571	NA	NA
3	NW-W	30	4120	4520	570	NA	NA
4	N	20	3960	4080	571-573	NA	NA

TREATMENT TYPE:

Unit	Treatment	Spacing	Acres	TPA Cut*	Avg. Cut Dia. **	Species Preference
1	Slash	N/A	151	1200	1.8"	N/A
2	Slash	N/A	152	500	1.5"	N/A
3	Slash	N/A	27	100	3.0"	N/A
4	Slash	N/A	8	250	1.0"	N/A

Total 338

Treatment by Type

Thin	0
Prune	0
Slash	338
Cull Removal	0
Thin & Prune	0

Species Abbreviations:

AF: subalpine fir CE: western redcedar
 DF: Douglas-fir ES: Engelmann spruce
 GF: grand fir LP: lodgepole pine
 PP: ponderosa pine WH: western hemlock
 WL: western larch WP: western white pine

*Trees per acre cut are estimates only, contractor should make own estimates.

*Slashing includes clumps of trees needing felling that exceed the overall average.

**Average diameter of cut trees is an estimate only, contractor should make own estimates.

SPECIAL TECHNICAL SPECIFICATIONS:

A. SLASHING

The project area shall be mechanically slashed with chainsaws by felling all live trees (including hardwoods and brush) over one foot (1') in height not marked with a band of orange or blue paint. This shall include live stems which are leaning and over one foot (1') in length. Hardwoods over twelve (12) inches (DBH) will be girdled twice instead of felling as directed by the FIC. Trees slashed will be bucked (cut) in ten (10) feet lengths. Stump heights will be one foot (1') in height or less.

Treatment area boundaries will follow roads and/or will be flagged with orange or pink and black ribbon and/or marked with red bands of paint on trees facing into the area to be slashed.

HAZARD PLAN:

1. Pull slashing debris outside of unit back into the unit as designated by the FIC.
2. Remove slashing debris from driveable road surfaces, ditch lines and placed in the unit as designated by the FIC.
3. Seventy-five acres of Unit 1 will be excavator piled with a FM project following the slashing.
4. Unit 2 (152 acres) will be excavator piled with a FM project following the slashing.

PERIOD OF PERFORMANCE:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the FIC. **The slashing in Unit 2 must be completed by July 15, 2020.** Exceptions must be approved in writing by the FIC.

INSPECTION & COMPLIANCE:

Either a 1/20th acre circular plot (26.3 feet radius horizontal distance) or a 1/50th acre circular plot (16.65 ft. radius horizontal distance) and/or visual estimation by the FIC will be used for inspection.

PAYMENT:

Invoices for payment will be submitted to the COR. Payment on this project will be on a per acre basis following the satisfactory completion of the following payment unit:

	<u># of Acres</u>	<u>Unit</u>
Payment Unit 1	338	1-4

A partial payment may be approved by the FIC. No payment will be processed prior to July 1, 2020. Exceptions must be approved in writing by the FIC.

INFORMATION:

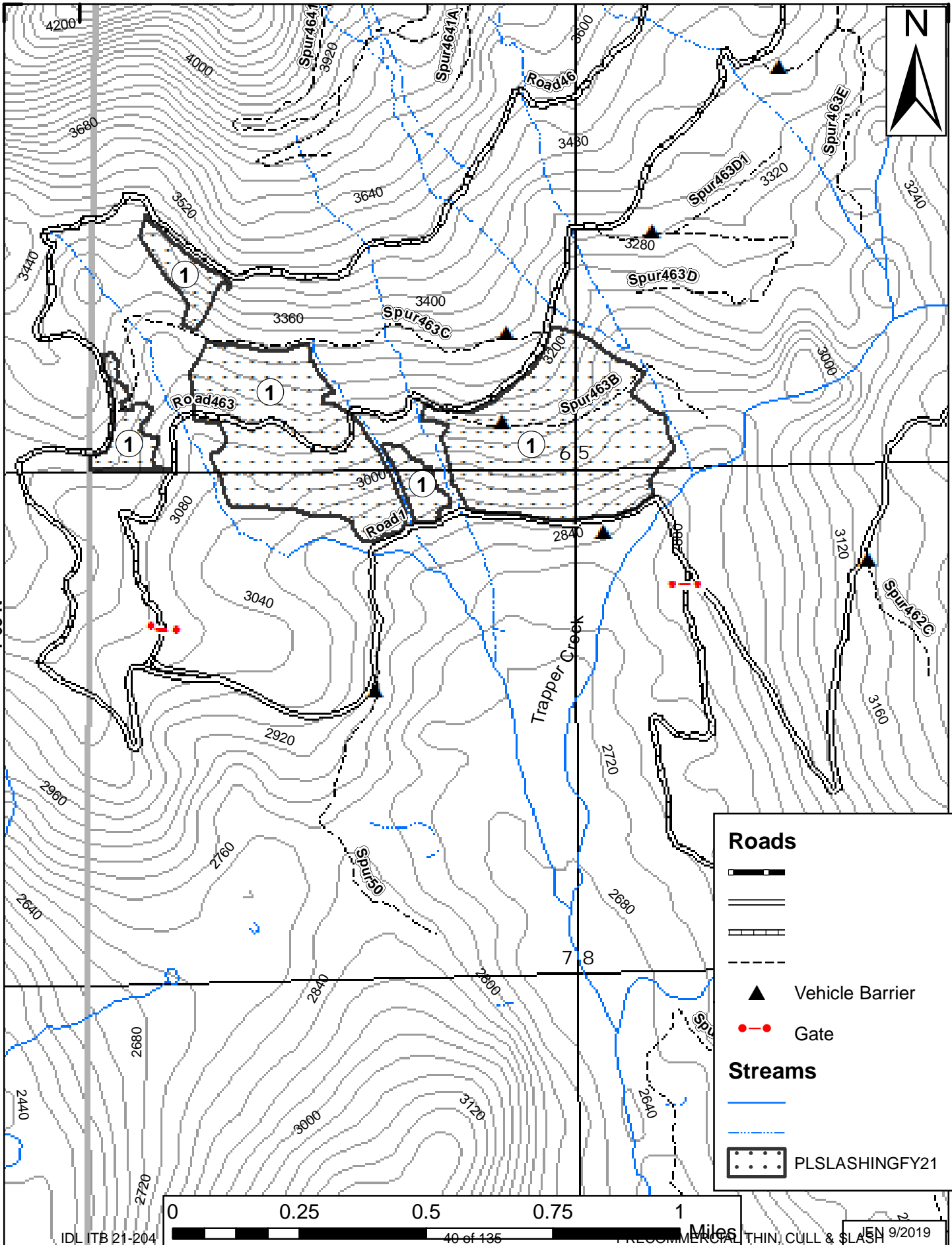
Further information will be available by contacting the following address:

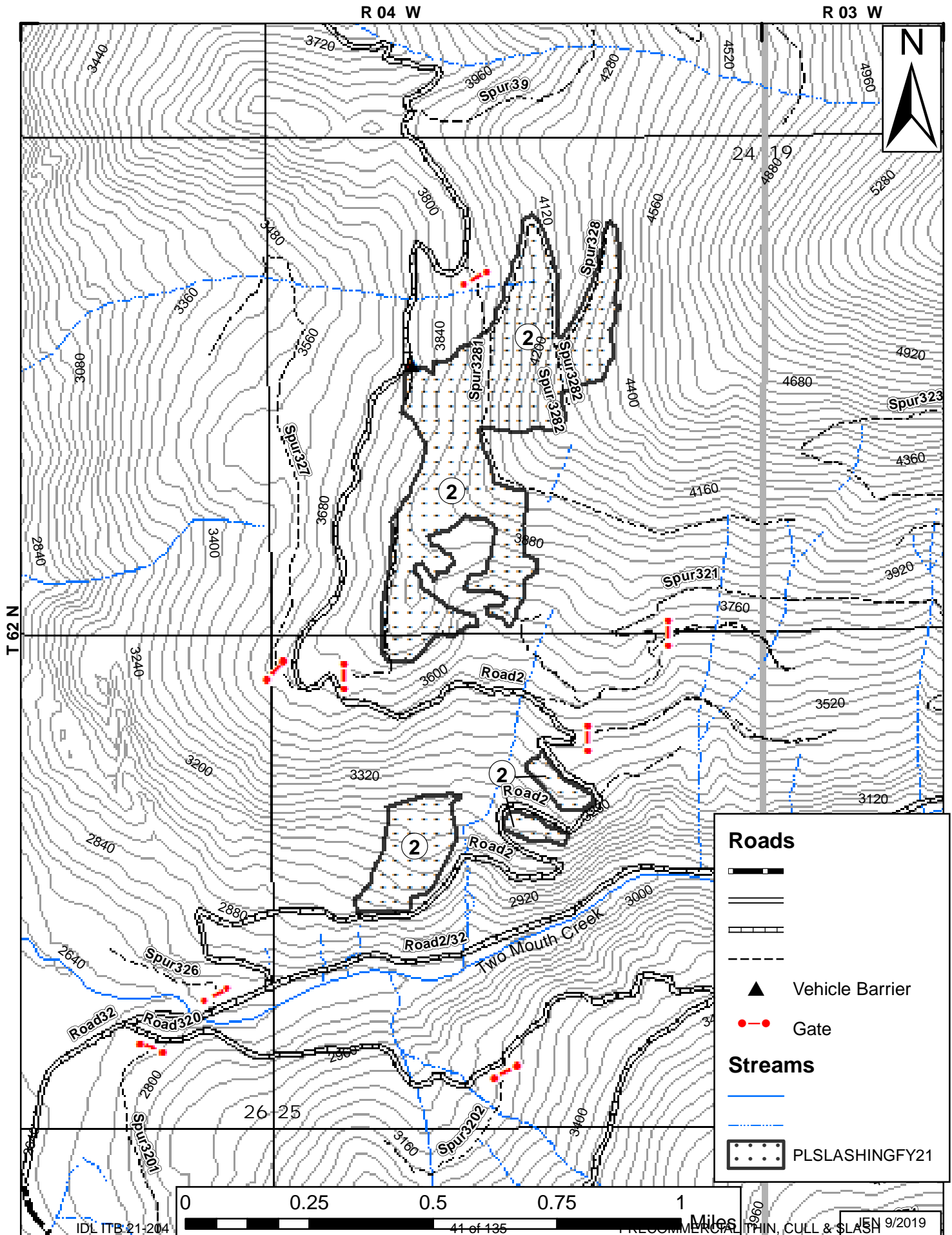
Jim Nolen
jnolen@idl.idaho.gov
Idaho Department of Lands
Priest Lake Supervisory Area
4053 Cavanaugh Bay Road
Coolin, Idaho 83821
Phone: (208) 443-2516

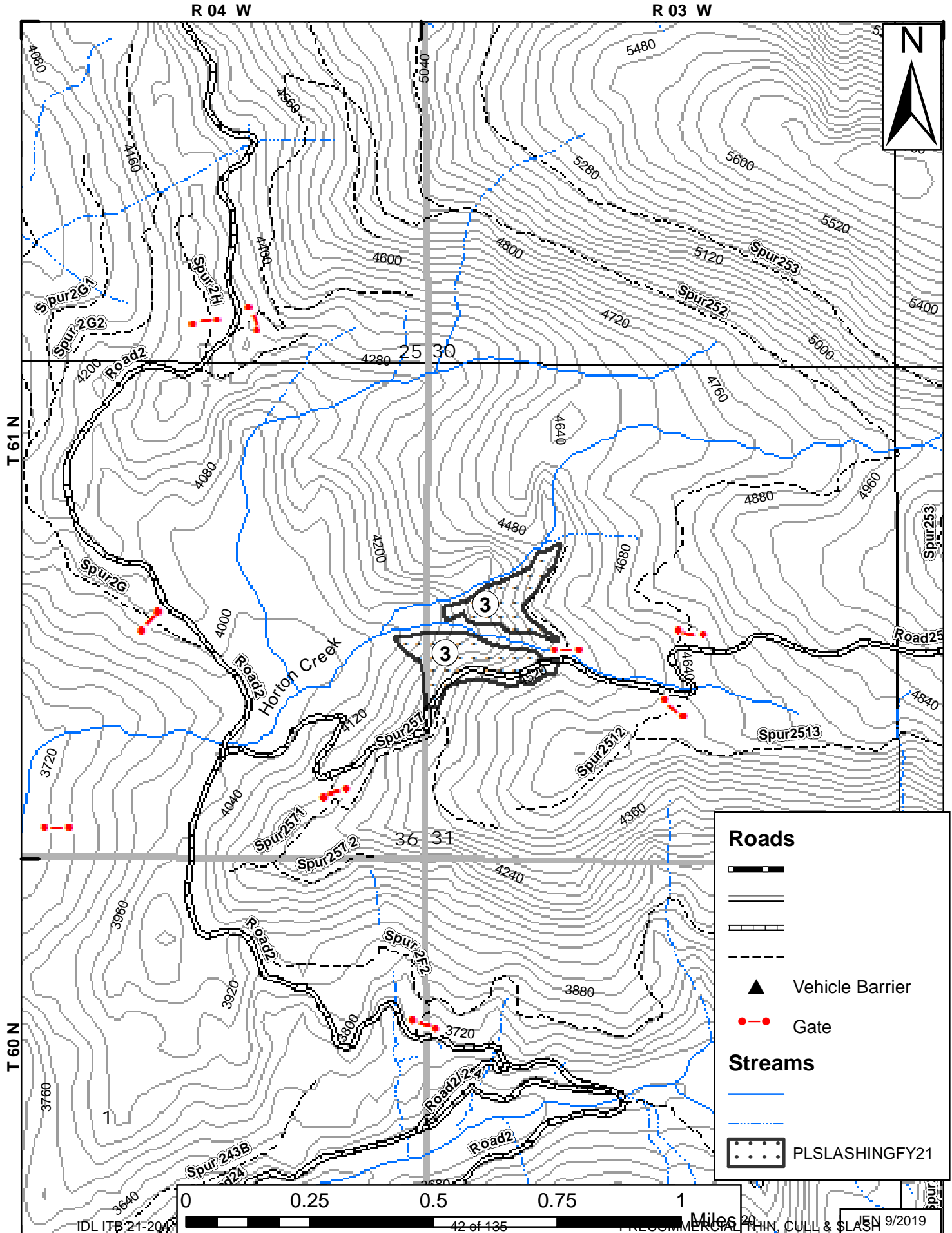
R 05 W

R 04 W

T 63 N

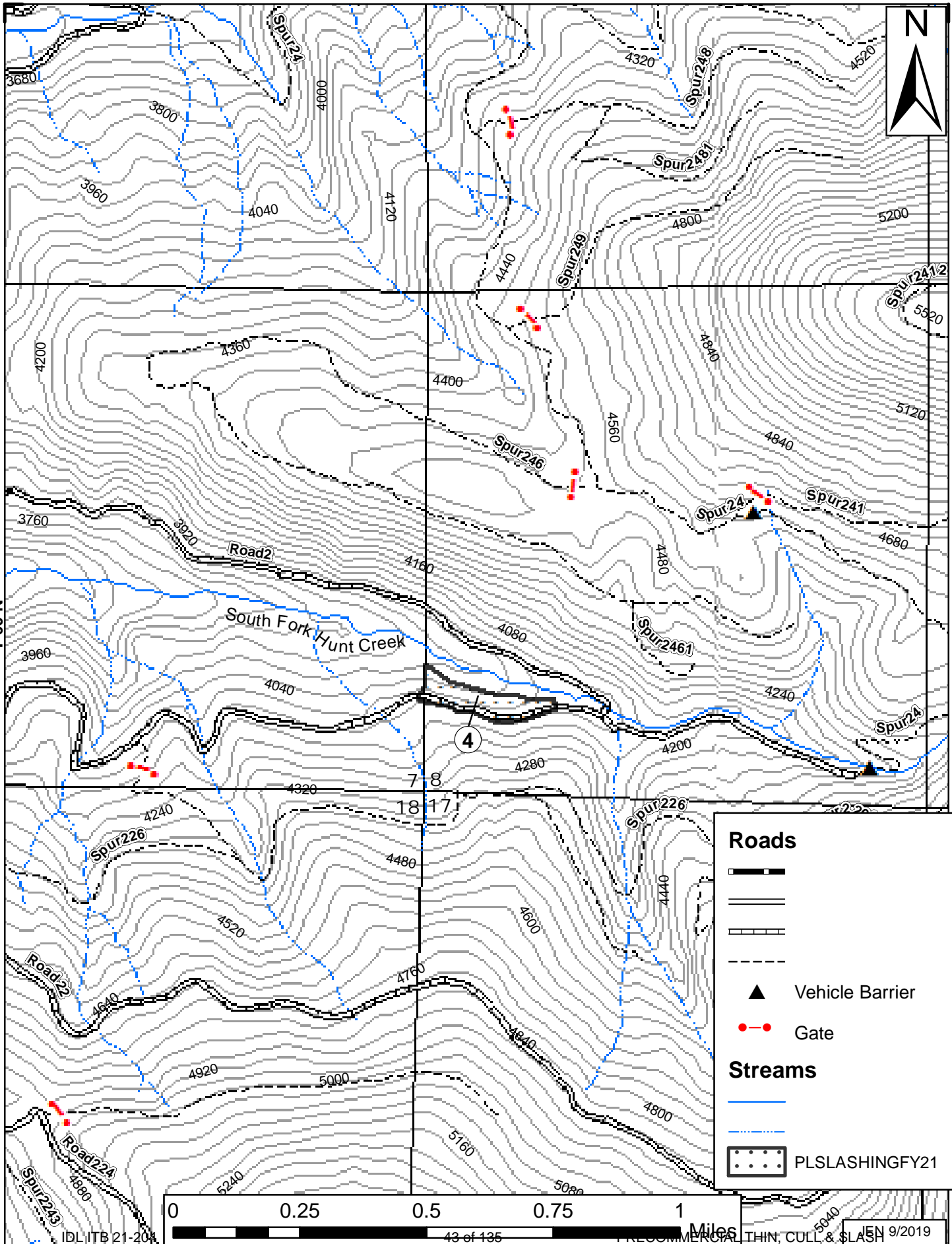






R 03 W

T 60 N



Roads

- (thick solid line)
- (thin solid line)
- (dashed line)

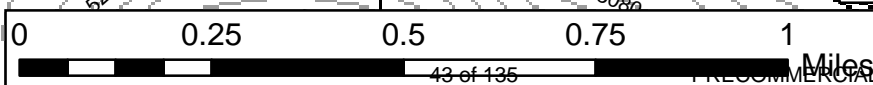
▲ Vehicle Barrier

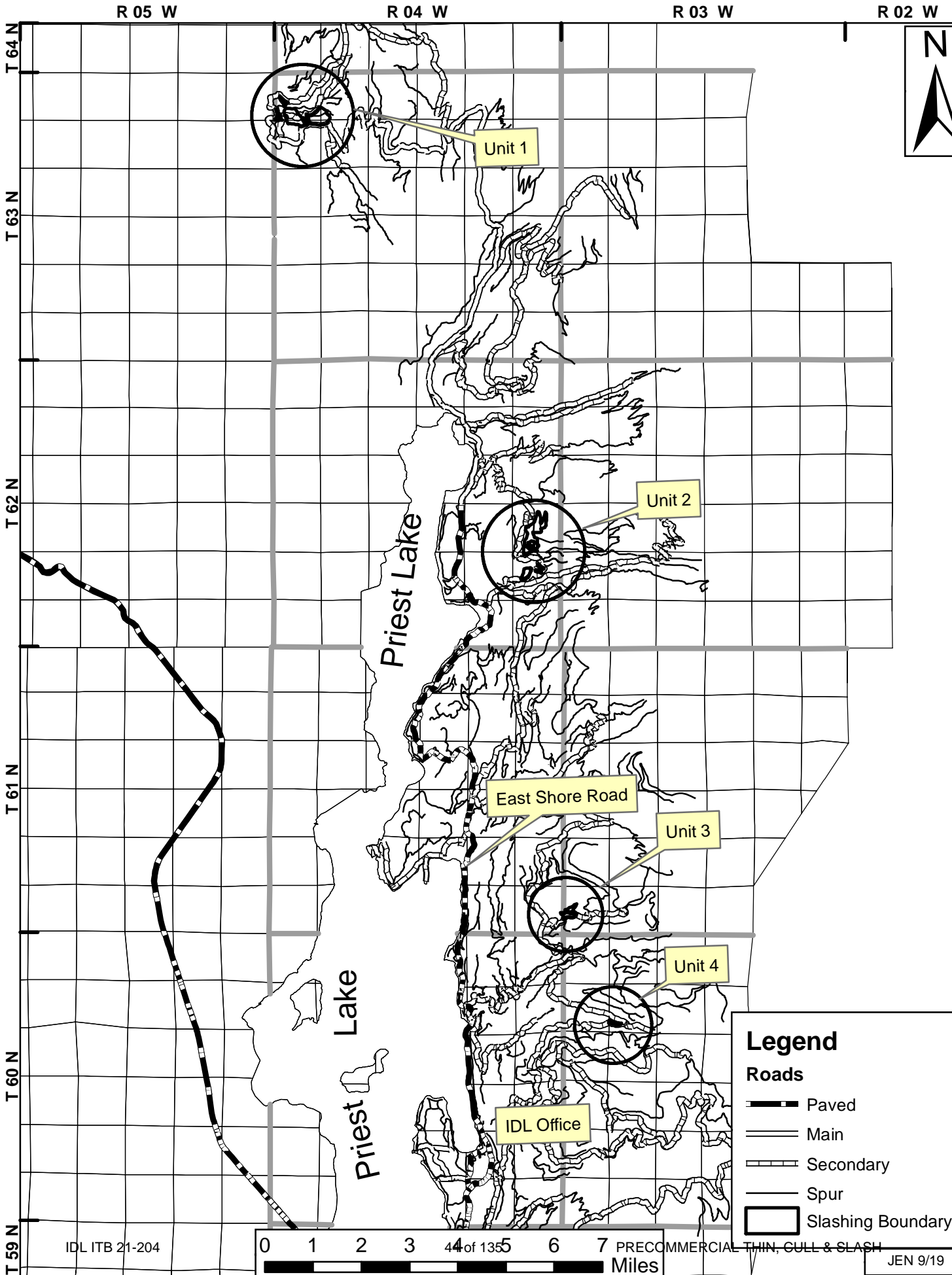
●-● Gate

Streams

- (solid blue line)
- (dashed blue line)

□ PLSLASHINGFY21





**PROJECT DESCRIPTION
PRECOMMERCIAL THINNING**

SUPERVISORY AREA: Pend Oreille Lake

PROJECT NAME: POL 2020 PCT

PROJECT NUMBER: 20-954-112-20

PROJECT ACRES: 891

PROJECT LOCATION:

Prater Gap is located approximately eleven (11) miles northeast of Priest River, ID.

East River is located approximately ten (10) miles north of Priest River, ID.

Foxy Dwarf is located approximately eleven (11) miles north of Priest River, ID.

Wrenco is located approximately seven (7) miles west of Sandpoint, ID.

NH 1-4 are located approximately three (3) miles southeast of Priest River, ID.

Curtis is located approximately five (5) miles northeast of Blanchard, ID.

Gold 1-2 are located approximately thirteen (13) miles northeast of Sandpoint, ID.

Clag 1-2 are located approximately four (4) miles northeast of Spirit Lake, ID.

Diagonal is located approximately three (3) miles northeast of Spirit Lake, ID.

20 Mile Peak is located approximately six (6) miles east of Naples, ID.

Dodge is located approximately four (4) miles west of Naples, ID.

Snow Creek 1-2 are located approximately ten (10) miles west of Bonners Ferry, ID.

20 Mile Creek 1-3 are located approximately five (5) miles east of Naples, ID.

AREA HISTORY:

Prater Gap is a mixture of natural regeneration and planted trees from the 1995 spring planting (2-392-102-95). This area was last logged in 1993 with (Happy Blue, TS-20-2713).

East River is primarily natural regeneration last logged in 2019 with (Flowerbox Direct, DS-20-0466).

Foxy Dwarf is primarily natural regeneration last logged in 2018 with (Big Missile Direct, DS-20-0461).

Wrenco is primarily natural regeneration last logged in 2009 with (Wrenco Direct, DS-20-0427).

NH 1 is a mixture of natural regeneration and planted trees from the 1987 spring planting (2-266-102-87). This area was last logged in 2008 with (First Guide, TS-20-3599).

NH 2 is a mixture of natural regeneration and planted trees from a spring planting in 1996 (2-416-102-96). This area was last logged in 2000 with (Hoobugs, SS-20-0213).

NH 3 is a mixture of natural regeneration and planted trees from a spring planting in 1997 (2-440-102-97). This area was last logged in 2000 with (Hoobugs, SS-20-0213).

NH 4 is a mixture of natural regeneration and planted trees from a spring planting in 1989 (2-298-102-89).

Curtis is primarily natural regeneration from a prescribed burn in 1999 (Curtis 36, 230-97-06). This area was last logged in 2005 with (Curtis Creek, TS-20-3496).

Gold 1 and 2 are a mixture of natural regeneration and planted trees from a spring planting in 2008 (20-654-102-18) and was last logged in 2007 with (Lightning Peak, TS-20-3529).

Clag 1 is a mixture of natural regeneration and planted trees from a spring planting in 1982 (2-160-102-82). This area was last logged in 1972 with (Mountain Music, SS-20-0002).

Clag 2 is primarily natural regeneration and was thinned in 1970 (2-001-111-70). This area was last logged in 2015 with (Clagstone OSR, TS-20-4068).

Diagonal is a mixture of natural regeneration and planted trees. This unit was partially planted in the spring of 1998 (2-450-102-98) followed by another spring planting in 1999 (2-493-102-99).

20 Mile Peak is in lands recently purchased. The stand was established in approximately 2006. The stand is likely entirely natural regeneration. Previous harvest activity is unknown.

Dodge is entirely natural regeneration. The area is rocky with an uneven distribution of trees to be thinned. Hardwood species also occur sporadically throughout the stand. Some of the area was harvested by the Mutiny OSR timber sale (TS-21-3515) in 2007. A portion of this unit has no prior harvest history.

Snow Creek 1 and 2 are in lands recently purchased. Stands were established at approximately the year 2000. It is likely that the stands area mixture of planted and natural regeneration. Bear damage to trees are present in the area. Previous harvest activity is unknown.

20 Mile Creek 1, 2, and 3 are naturally regenerated stands. All of these stands were in 1972. They were then harvested by Wishbone Commercial (TS-2-2921) in 1998. The overstory of these stands were removed in 2018 by the Sandstorm timber sale (TS-20-4233).

ACCESS:

Access to the units is by rocky main haul roads, secondary native surface roads, and native surface spur roads. Depending on the condition of the secondary dirt roads, the Contractor may be required to walk or use ATV's to access some units.

SITE DESCRIPTION:

1. Soils Present: According to the USDA Soil Survey website the following soils are present within the sale area (by unit)

Prater Gap: Vay gravelly silt loam.

East River: Bonner gravelly silt loam and Bonner silt loam.

Foxy Dwarf: Bonner silt loam and Vay-Ardtoo association.

Wrenco: Pend Oreille silt loam.

NH 1: Ardtoo gravelly sandy loam and Vay-Ardtoo association.

NH 2: Treble gravelly sandy loam and Treble Rock outcrop association.

NH 3: Ardtoo gravelly sandy loam, Lenz-Rock outcrop association, Treble-Rock outcrop association, and Vay-Ardtoo association.

NH 4: Vay-Ardtoo association.

Curtis: Melder loam, Vay silt loam, and Vay-Ardtoo association.

Gold 1 and 2: Pend Oreille silt loam.

Clag 1: Bonner gravelly silt loam and Kootenai gravelly silt loam.

Clag 2: Bonner gravelly silt loam and Kootenai-Bonner gravelly silt loams.

Diagonal: Bonner gravelly silt loam, Kootenai gravelly silt loam, and Kootenai-Bonner gravelly silt loams
Snow Creek 1 and 2: Andic Humucepts-Humic Udivitrands-Pearsoncreek families, dense substratum complex, and Redraven-Roman Molly families.

20 Mile Peak: Pend Oreille ashy silt loam and Dodge Creek ashy silt loam.

20 Mile Creek 1-3: Idamont ashy silt loam and Pearsoncreek Highfalls-Newbell families complex.

Dodge: Pend Oreille ashy silt loam, Treble very bouldery-Rock outcrop complex, Pend Oreille Rock outcrop complex, and Idamont ashy silt loam.

2. Other Stand Data:

Unit	Aspect	Ave. Slope%	Elevation Low	Elevation High	Habitat Type	Ave Age of Dominants
Prater Gap	N/NE	40%	3560	3920	TSHE/CLUN	24
East River	Flat	0-5%	2320	2320	TSHE/CLUN	12
Foxy Dwarf	W/SW	7%	2440	2480	TSHE/CLUN	12
Wrenco	W/SW	15%	3160	3360	THSE/CLUN & THPL/CLUN	8
NH 1	N/NE	26%	2960	3200	PSME/PHMA	9
NH 2	E	22%	2680	2840	PSME/PHMA	17
NH 3	E	22%	2640	3000	PSME/PHMA	17
NH 4	NW	31%	2760	3080	PSME/PHMA & TSHE/CLUN	30
Curtis	S	30%	4000	4440	PSME/PHMA & TSHE/CLUN	12
Gold 1	N/S	10%	2800	2880	TSHE/CLUN	11
Gold 2	W	10%	2840	2960	TSHE/CLUN	11
Clag 1	Flat	0-5%	2440	2440	PSME/SYAL & PSME/CARU-ARUV	37
Clag 2	Flat	0-5%	2360	2360	ABGR/LIBO & PSME/CARU-ARUV	37
Diagonal	Flat	0-5%	2440	2440	PSME/CARU-ARUV	20
Snow Creek 1	S	26%	4800	5400	THPL/CLUN	17
Snow creek 2	S	16%	4020	4460	TSHE/CLUN	17
20 Mile Peak	E/NE	14%	4780	4990	ABLA/MEFE	15
20 Mile Creek 1	S/SW	18%	3640	4080	THPL/CLUN	20
20 Mile Creek 2	S/SE	14%	3560	3680	PSME/PHMA & THPL/CLUN	20
20 Mile Creek 3	S	14%	3660	3700	THPL/CLUN	20
Dodge	E/SE	56%	2700	3260	PSME/PHMA & THPL/CLUN	13

TREATMENT TYPE:

NH3	Thin	10 X 10	41	1360	WP, DF, WL, PP, CE, LP, GF, WH, ES, AF
NH4	Thin	10 X 10	24	1650	WP, DF, WL, PP, CE, LP, GF, WH, ES, AF
Curtis	Thin	10 X 10	82	730	WP, DF, WL, PP, CE, LP, GF, WH, ES, AF
Gold1	Thin	10 X 10	22	620	WP, WL, DF, PP, CE, LP, GF, WH, ES, AF
Gold2	Thin	10 X 10	14	1315	WP, WL, DF, PP, CE, LP, GF, WH, ES, AF
Clag1	Thin	9 X 9	68	215	PP, LP, WL, DF, CE, WP, GF, WH, ES, AF
Clag2	Thin	10 X 10	109	1075	PP, LP, WL, DF, CE, WP, GF, WH, ES, AF
Diagonal	Thin	10 X 10	69	885	PP, LP, WL, DF, CE, WP, GF, WH, ES, AF
Snow Creek1	Thin	10 X 10	134	695	WP, DF, WL, PP, CE, LP, GF, WH, ES, AF
Snow Creek2	Thin	10 X 10	13	1216	WP, DF, WL, PP, CE, LP, GF, WH, ES, AF
20Mile Peak	Thin	12 X 12	33	2384	WP, DF, WL, PP, CE, LP, GF, WH, ES, AF
20Mile Creek1	Thin	10 X 10	32	1457	WP, DF, WL, PP, CE, LP, GF, WH, ES, AF
20Mile Crk2&3	Thin	10 X 10	6	1600	WP, DF, WL, PP, CE, LP, GF, WH, ES, AF
Dodge	Thin	10 X 10	104	444	WP, WL, DF, CE, PP, LP, GF, WH, AF, HA

Total 891

Treatment by Type

Thin	891
Prune	0
Slash	0
Cull Removal	0
Thin & Prune	0

Species Abbreviations:

AF: subalpine fir	CE: western redcedar
DF: Douglas-fir	ES: Engelmann spruce
GF: grand fir	LP: lodgepole pine
PP: ponderosa pine	WH: western hemlock
WL: western larch	WP: western white pine

*Trees per acre cut are estimates only, contractor should make own estimates

SPECIAL TECHNICAL SPECIFICATIONS:

A. THINNING:

1. Crop or leave trees are to be dominant or codominant conifers selected by the Contractor on a spacing based on unit description or as designated by the FIC. Spacing may vary by 4 to 5 feet in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased. Species preference is listed in the Treatment Type table above.
2. NH1-4, Snow Creek 1, and Dodge are a mosaic of open and patches of dense regeneration. TPA cut is an average estimate among the total unit area.
3. Cut all hardwood species (e.g. rocky mountain maple, alder, ninebark, etc.) within six feet of a crop tree, and over six feet in height unless otherwise instructed by the FIC.

PERIOD OF PERFORMANCE:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the FIC. Complete all fieldwork by November 30, 2020.

INSPECTION & COMPLIANCE:

Performance will be inspected with either a 1/50th acre circular plot (16.65 ft. radius horizontal distance) or 1/100th acre circular plot (11.78 ft. radius horizontal distance). Where excessive crop trees are found to be the result of trees over six inches DBH, which cannot be cut, the Contractor will not be penalized.

CONTRACT PAYMENT:

Invoices for payment will be submitted to COR. Payment will be made on a per acre basis after acceptable satisfactory completion of each of the following payment units.

	<u># Of Acres</u>	<u>Unit</u>
Payment Unit 1	105	Prater Gap, East River, Foxy Dwarf, Wrenco
Payment Unit 2	182	NH1-4, Curtis
Payment Unit 3	282	Gold 1-2, Clag 1-2, Diagonal
Payment Unit 4	322	Snow Creek 1-2, 20 Mile Peak, 20 Mile creek 1-3, Dodge

Partial payment for units completed may be approved by the FIC. However, no payment will be processed prior to July 1, 2020, unless otherwise approved by the FIC.

INFORMATION:

Further information will be available by contacting the following address:

C.R. Christians or Chad Ramsay
cchristians@idl.idaho.gov
cramsay@idl.idaho.gov
 Idaho Department of Lands
 Pend Oreille Lake Supervisory Area
 2550 Highway 2 West
 Sandpoint, Idaho 83864
 Phone: (208) 263-5104
 Fax: (208) 263-0724

R04W

T57N

T57N

12

Prater Gap

Legend CC 9-25-2019

Roads

- Highway
- County
- Main
- Secondary
- Spur
- Trail

Barrier Type

- Earth Berm
- Gate - closed
- Gate - open
- Thinning
- Endowment Boundary
- Private Land

Stream Type

- Class I Stream
- Class II Stream



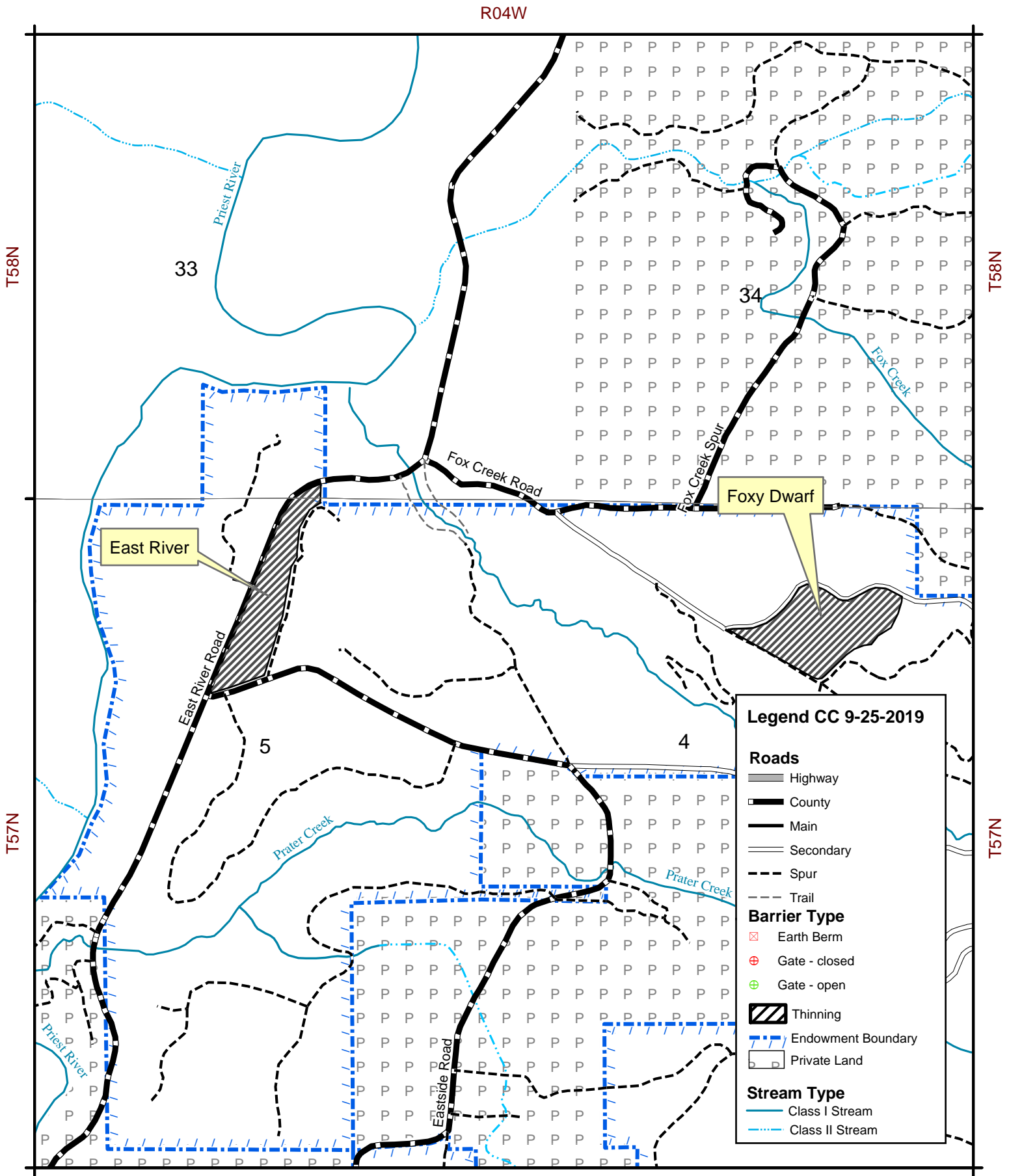
IDL ITB 01-204

0.125

0.25 of 135

PRECOMMERCIAL THINNING





Legend CC 9-25-2019

Roads

- Highway
- County
- Main
- Secondary
- Spur
- Trail

Barrier Type

- Earth Berm
- Gate - closed
- Gate - open
- Thinning
- Endowment Boundary
- Private Land

Stream Type

- Class I Stream
- Class II Stream

R03W

T57N

T57N

16

Wrenco

Smith Creek

Legend CC 9-25-2019

Roads

- Highway
- County
- Main
- Secondary
- Spur
- Trail

Barrier Type

- Earth Berm
- Gate - closed
- Gate - open
- Thinning
- Endowment Boundary
- Private Land

Stream Type

- Class I Stream
- Class II Stream

21

R03W



R05W

T55N

T55N

T55N

T54N

T54N

R05W

T55N

T54N

Legend CC 9-25-2019

Roads

- Highway
- County
- Main
- Secondary
- Spur
- Trail

Barrier Type

- Earth Berm
- Gate - closed
- Gate - open
- Thinning
- Endowment Boundary
- Private Land

Stream Type

- Class I Stream
- Class II Stream

36

Curtis

1



R01E

T58N

T58N

5

4

Gold 1

Gold 2

Legend CC 9-25-2019

Roads

- Highway
- County
- Main
- Secondary
- Spur
- Trail

Barrier Type

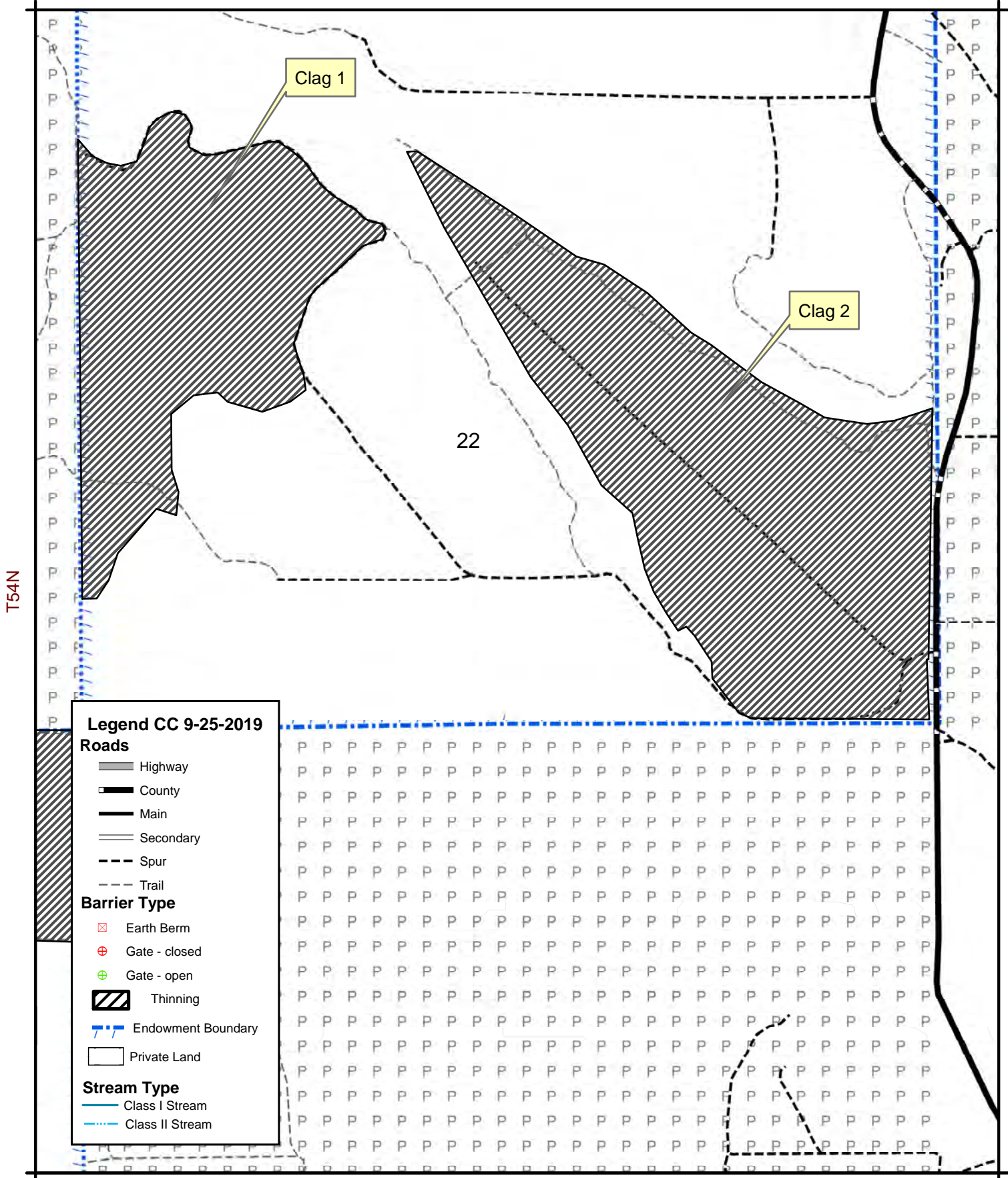
- Earth Berm
- Gate - closed
- Gate - open
- Thinning
- Endowment Boundary
- Private Land

Stream Type

- Class I Stream
- Class II Stream



R04W



R04W



R04W

T54N

T54N

27

Diagonal

28

Legend CC 9-25-2019

Roads

- Highway
- County
- Main
- Secondary
- Spur
- Trail

Barrier Type

- Earth Berm
- Gate - closed
- Gate - open
- Thinning
- Endowment Boundary
- Private Land

Stream Type

- Class I Stream
- Class II Stream



R01E

R02E

T60N

T60N

20Mile Peak

5-2.5-8.2

TwentyMile Peak 5-2.5

TwentyMile Peak

20 Mile Peak Rd: 5-2.5

13

Legend CC 9-25-2019

Roads

- Highway
- County
- Main
- Secondary
- Spur
- Trail

Barrier Type

- Earth Berm
- Gate - closed
- Gate - open
- Thinning
- Endowment Boundary
- Private Land

Stream Type

- Class I Stream
- Class II Stream

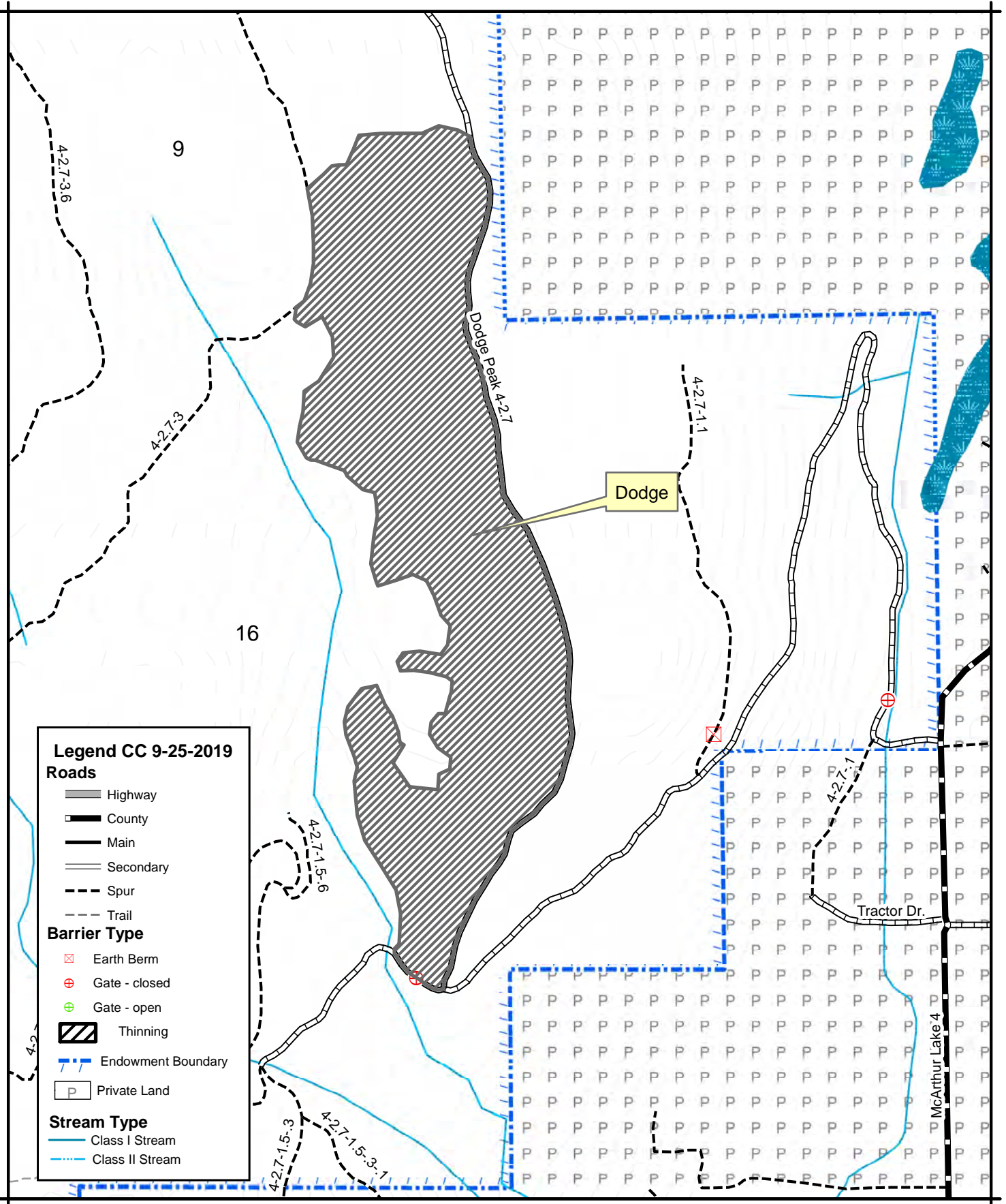


R01W

T60N

T60N

R01W



Legend CC 9-25-2019

Roads

- Highway
- County
- Main
- Secondary
- Spur
- Trail

Barrier Type

- Earth Berm
- Gate - closed
- Gate - open
- Thinning
- Endowment Boundary
- Private Land

Stream Type

- Class I Stream
- Class II Stream



R02W

R01W

T62N

T62N

T61N

T61N

R02W

R01W

Legend CC 9-25-2019

Roads

- Highway
- County
- Main
- Secondary
- Spur
- Trail

Barrier Type

- Earth Berm
- Gate - closed
- Gate - open
- Thinning
- Endowment Boundary
- Private Land

Stream Type

- Class I Stream
- Class II Stream

Snow Creek 1

Snow Creek 2

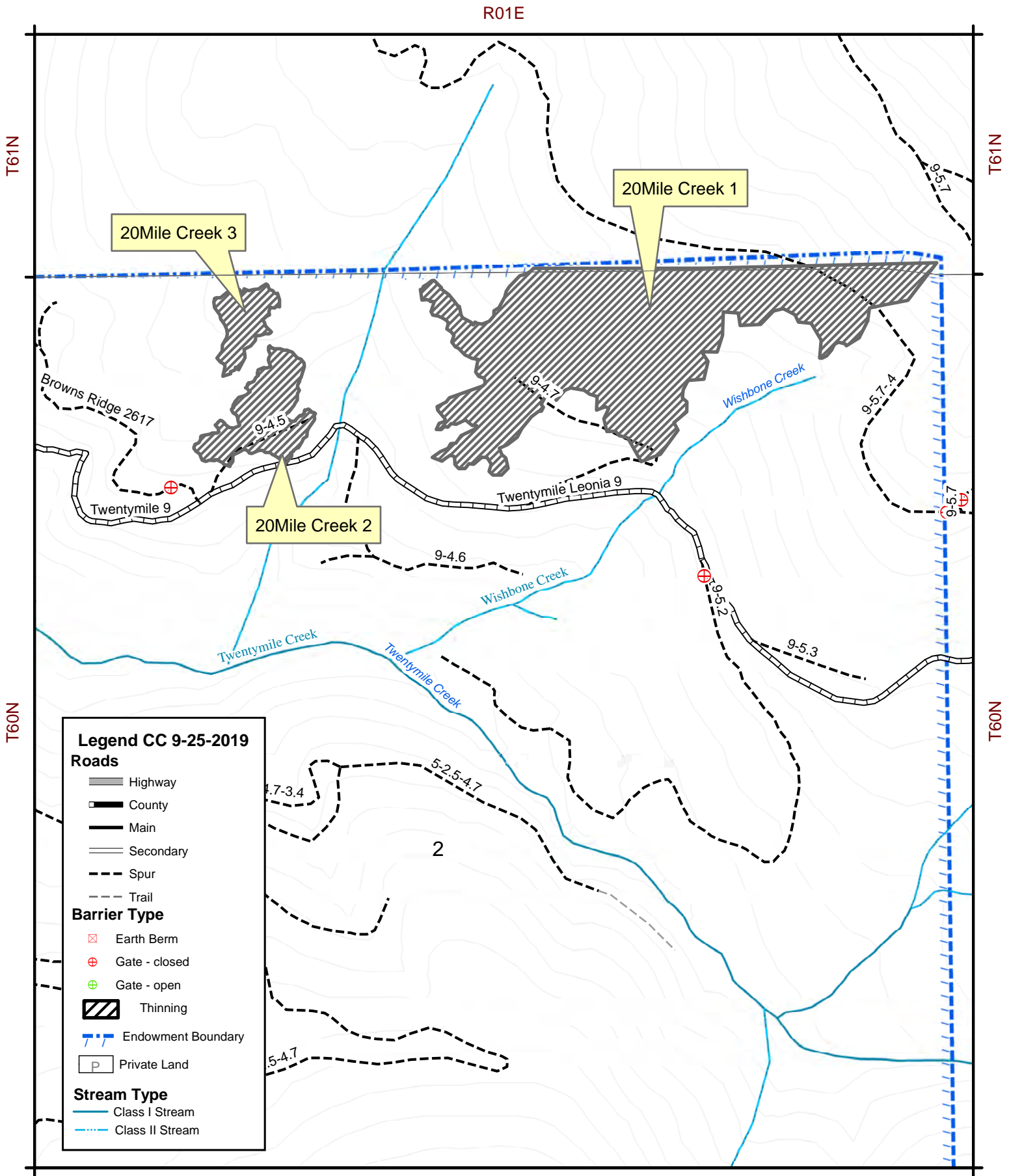
Snow Creek Rd. USFS 402

25

Frost Creek

Snow Creek Snow Creek





Legend CC 9-25-2019

Roads

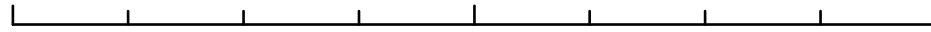
- Highway
- County
- Main
- Secondary
- Spur
- Trail

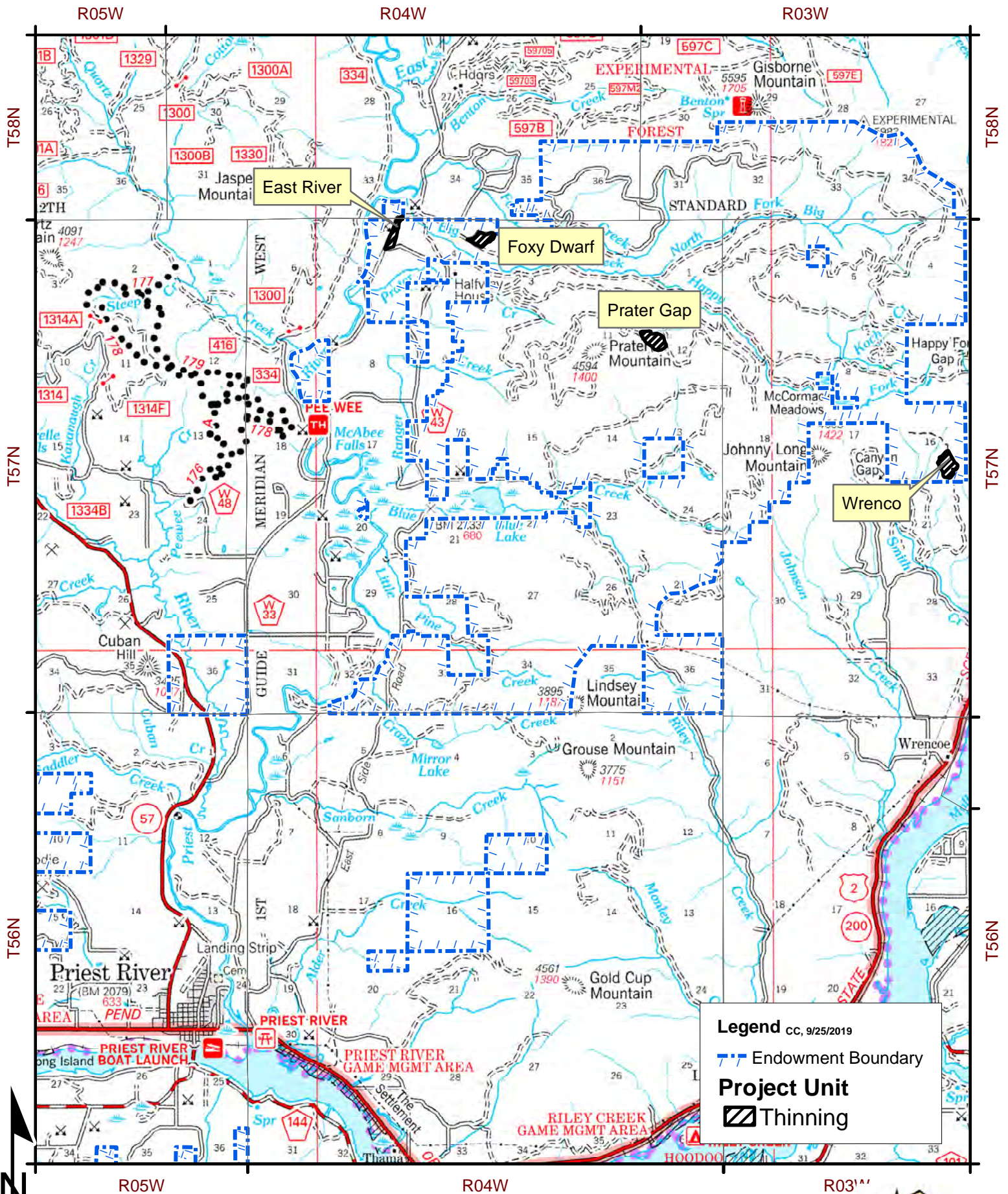
Barrier Type

- Earth Berm
- Gate - closed
- Gate - open
- Thinning
- Endowment Boundary
- Private Land

Stream Type

- Class I Stream
- Class II Stream

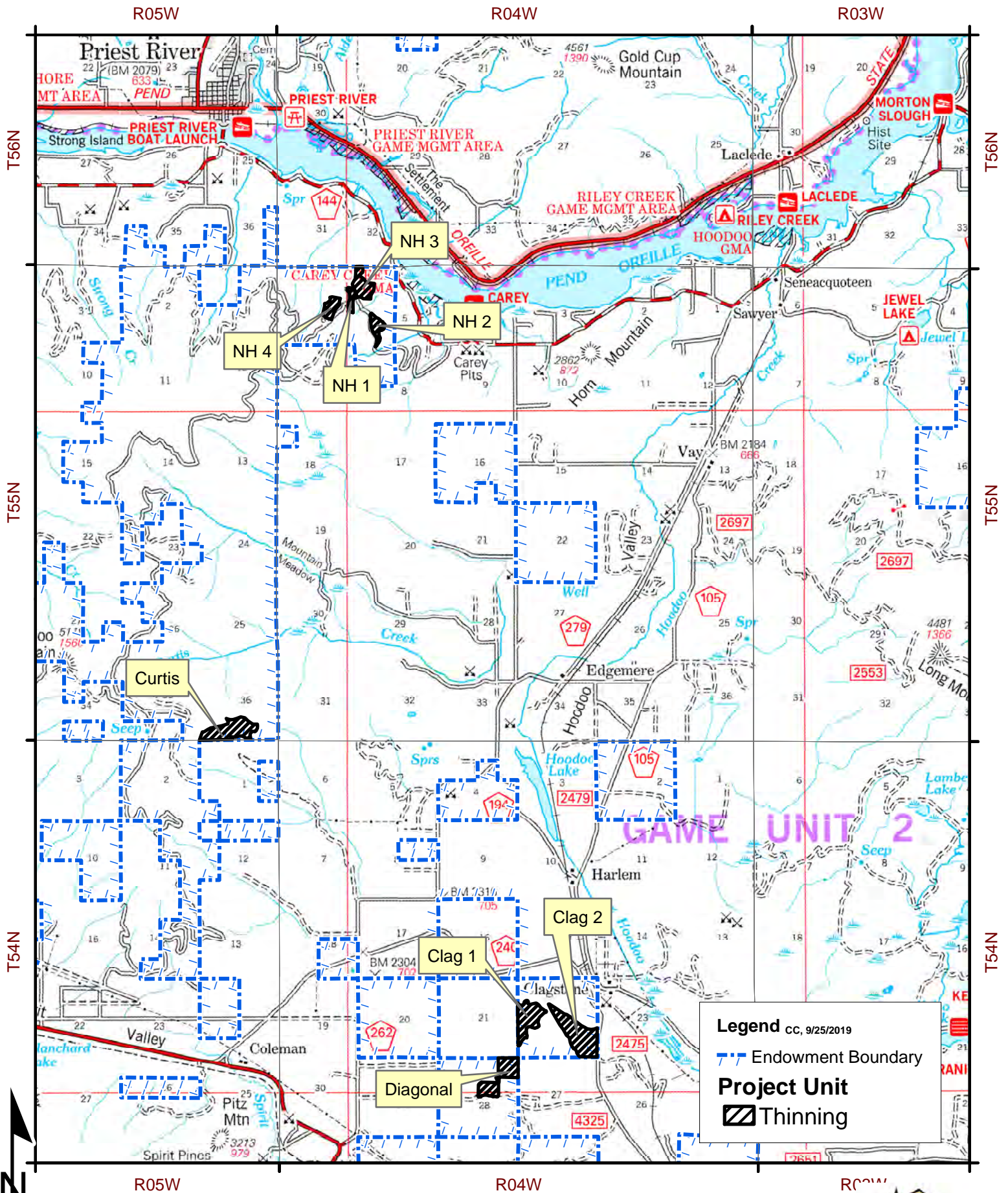




Legend CC, 9/25/2019

- Endowment Boundary
- Project Unit**
- Thinning

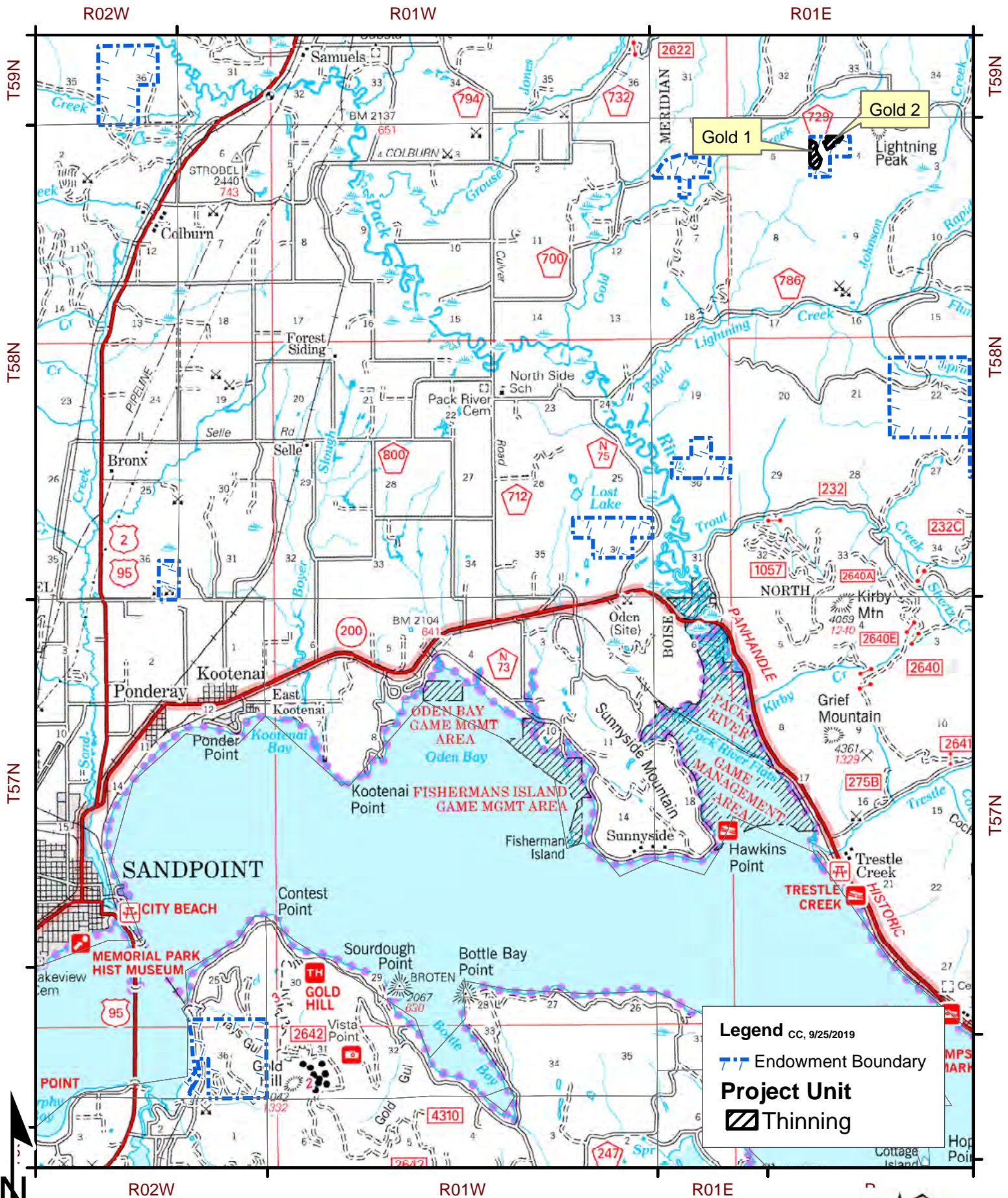




Legend CC, 9/25/2019

- Endowment Boundary
- Project Unit**
- Thinning

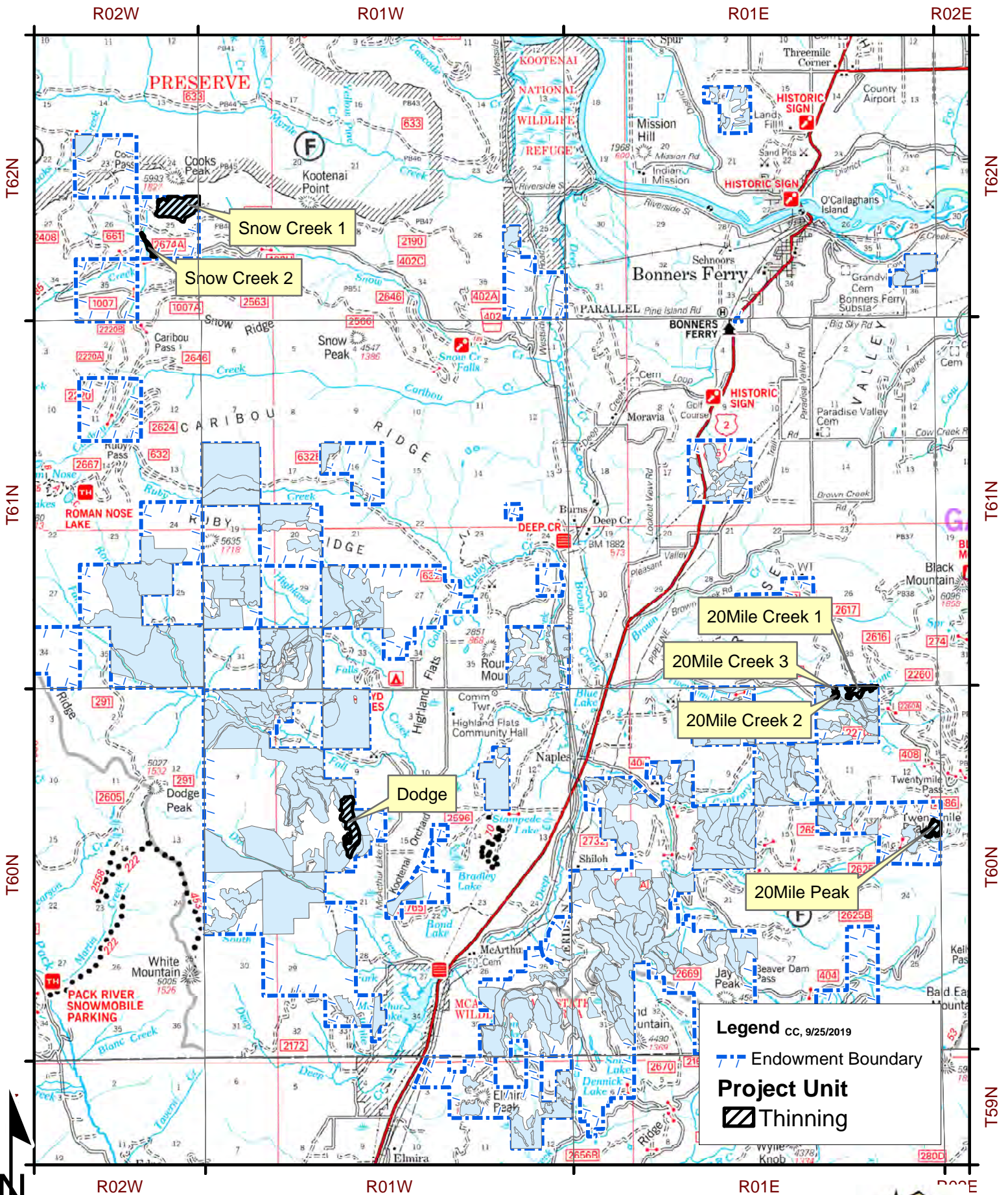




Legend cc, 9/25/2019

- Endowment Boundary
- Project Unit**
- Thinning





PROJECT DESCRIPTION Slashing

SUPERVISORY AREA: Pend Oreille Lake

PROJECT NAME: 2020 KV Slashing

PROJECT NUMBER: 20-276-108-20

PROJECT ACRES: 248

PROJECT LOCATION:

Unit 1 is located 6 miles air miles southwest from Naples, ID up the Dodge Creek drainage. Unit 2 and 3 are located 6 miles southeast from Naples, ID up the Trail Creek drainage. Units 4 and 5 are located 11 air miles west of Bonners Ferry, ID up the Snow Creek drainage. Unit 6 is located 5 air miles south of Naples, ID next to McArthur Lake. Please see attached map(s) for locations.

AREA HISTORY:

All units were part of the land acquisition with Molpus in 2019. All units were harvested in 2018 or 2019 using a clearcut prescription leaving behind sub merchantable, suppressed, and high hardwood component stands.

ACCESS:

Access to the units is by rocked mainhaul roads and secondary native surface roads.

SITE DESCRIPTION:

1. Soils Present: According to the USDA Soil Survey website the following soils are present within the sale area: Unit 1: Caribouridge, warm-Rock outcrop complex and Idamont ashy silt loam. Unit 2 and 3: Myrtle creek ashy sandy loam and Pend Oreille ashy silt loam. Unit 4 and 5: Glaciercreek-Typic Udifluvents-Marblecreek families, complex, granitic alluvial substratum, narrow valley bottoms and toeslopes, Glaciercreek-Humic Udivitrands-Pearsoncreek families, dense substratum complex, glaciated mountain slopes, granitic geology, north aspects, Glaciercreek-Humic Udivitrands-Pearsoncreek families, dense substratum complex, dissected steep glaciated mountain slopes, granitic geology, north aspects. Unit 6: Selle ashy fine sandy loam, Selle-Elmira complex, Pywell muck, unprotected, undrained.
2. Pathological and Entomological: N/A
3. Other Stand Data:

Unit	Aspect	Ave. Slope %	Elevation Low	Elevation High
1	Southeast	25	3800	4280
2	North	25	3760	4120
3	North	25	4520	4800
4	Southeast	20	4600	4960
5	North	20	5080	5240
6	Northeast/Rolling	5	2110	2120

TREATMENT TYPE:

Unit	Treatment	Acres	TPA cut*
1	Slash	31	600
2	Slash	42	400
3	Slash	44	2000
4	Slash	44	800
5	Slash	30	700
6	Slash	57	1200
Total		248	

*Trees per acre cut are estimates only. Contractor should make own estimates

SPECIAL TECHNICAL SPECIFICATIONS:

A. SLASHING

The project area shall be mechanically slashed with chainsaws as specified below. All felled stems shall be bucked into lengths of 16 feet or less.

Unit 1: No hardwoods over 4 inches DBH shall be cut.

Unit 2: All conifers less than 10 inches DBH and hardwoods over three feet (3') in height.

Unit 3: Only hardwoods are to be cut. All living conifers shall be reserved.

Unit 4: All conifers less than 10 inches DBH and hardwoods over three feet (3') in height.

Unit 5: Any living conifer or hardwood over 10 inches DBH shall be reserved.

Unit 6: Any living conifer or hardwood over 8 inches DBH shall be reserved.

All material introduced into or over a live stream by the slashing process will be removed and placed above the normal high water mark.

HAZARD PLAN:

1. The running surface of all spur roads and perimeter skid trails will be kept free of slash. This slashing debris may either be pulled back into the unit or hand piled, in piles of sufficient size, as designated by the FIC, to allow for burning. If piled, piles shall be constructed at least ten (10) feet from any live green trees.

PERIOD OF PERFORMANCE:

Contract work may commence after the Contractor has received a signed copy of the contract and has had a pre-work conference with the FIC. All work shall be completed before September 30th 2020.

INSPECTION & COMPLIANCE:

Either a 1/20th acre circular plot (26.3 feet radius horizontal distance) or a 1/50th acre circular plot (16.65 ft. radius horizontal distance) will be used for inspection.

PAYMENT:

Invoices for payment will be submitted to the COR. This project will be paid on a per acre basis after acceptable satisfactory completion of each of the following payment units:

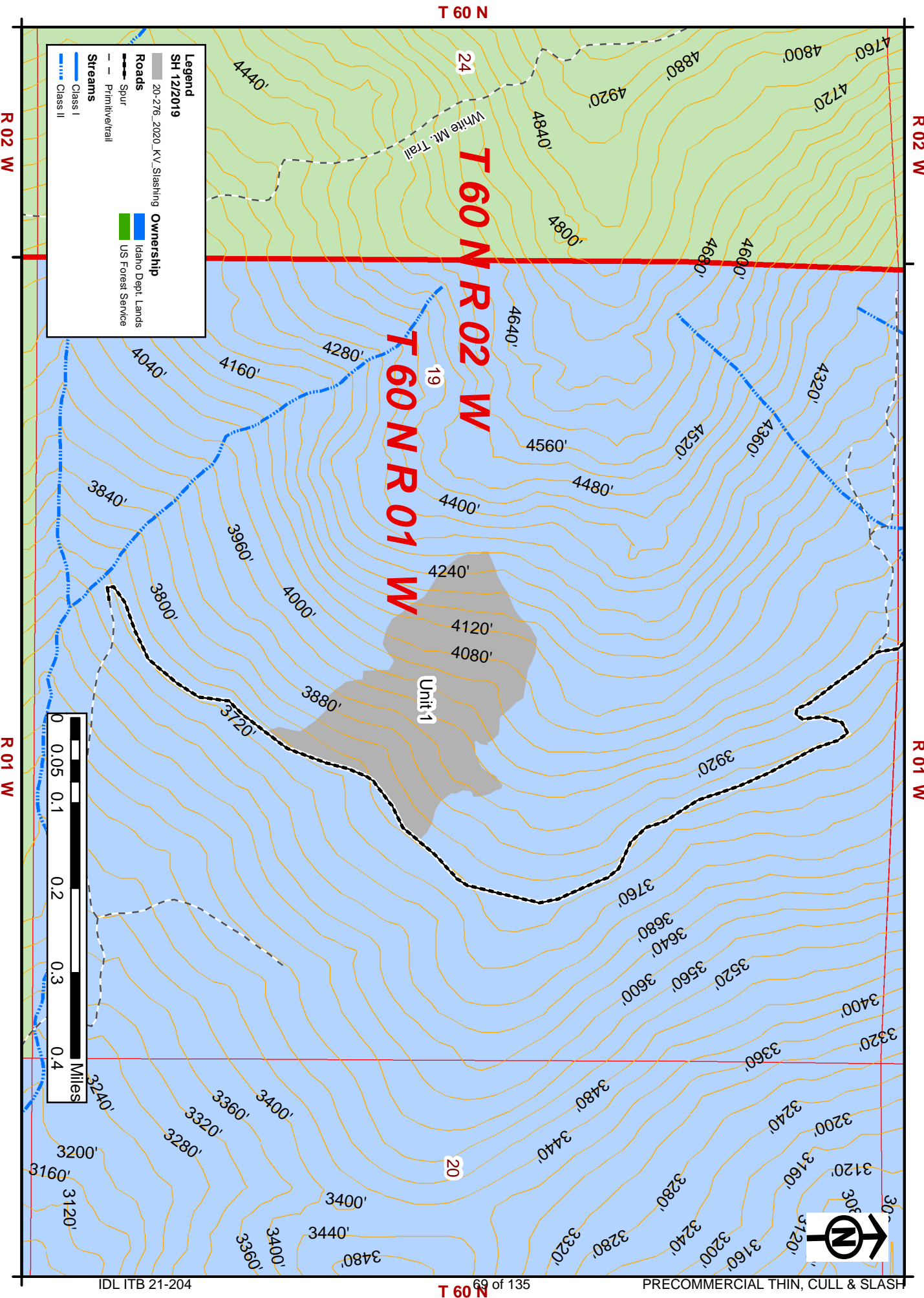
	<u># of Acres</u>	<u>Unit</u>
Payment Unit 1	117	1, 2, 3
Payment Unit 2	131	4, 5, 6

Partial payment for units completed may be approved by the FIC. However, no payment will be processed prior to July 1, 2020, unless otherwise approved by the FIC.

INFORMATION:

Further information will be available by contacting the following address:

Spencer Hanson
Shanson@idl.idaho.gov
Idaho Department of Lands
Pend Oreille Lake Supervisory Area
6327 Main Street
Bonners Ferry, Idaho 83805
Phone: (208) 267-5577



Legend

SH 12/2019

20-276-2020_KV_Slashing

Roads

- Main Road
- - Spur

Streams

- Class I
- - Class II

Ownership

- Green: Idaho Dept. Lands
- Blue: US Forest Service



T 60 N

R 01 E

R 01 E

T 60 N

70 of 135

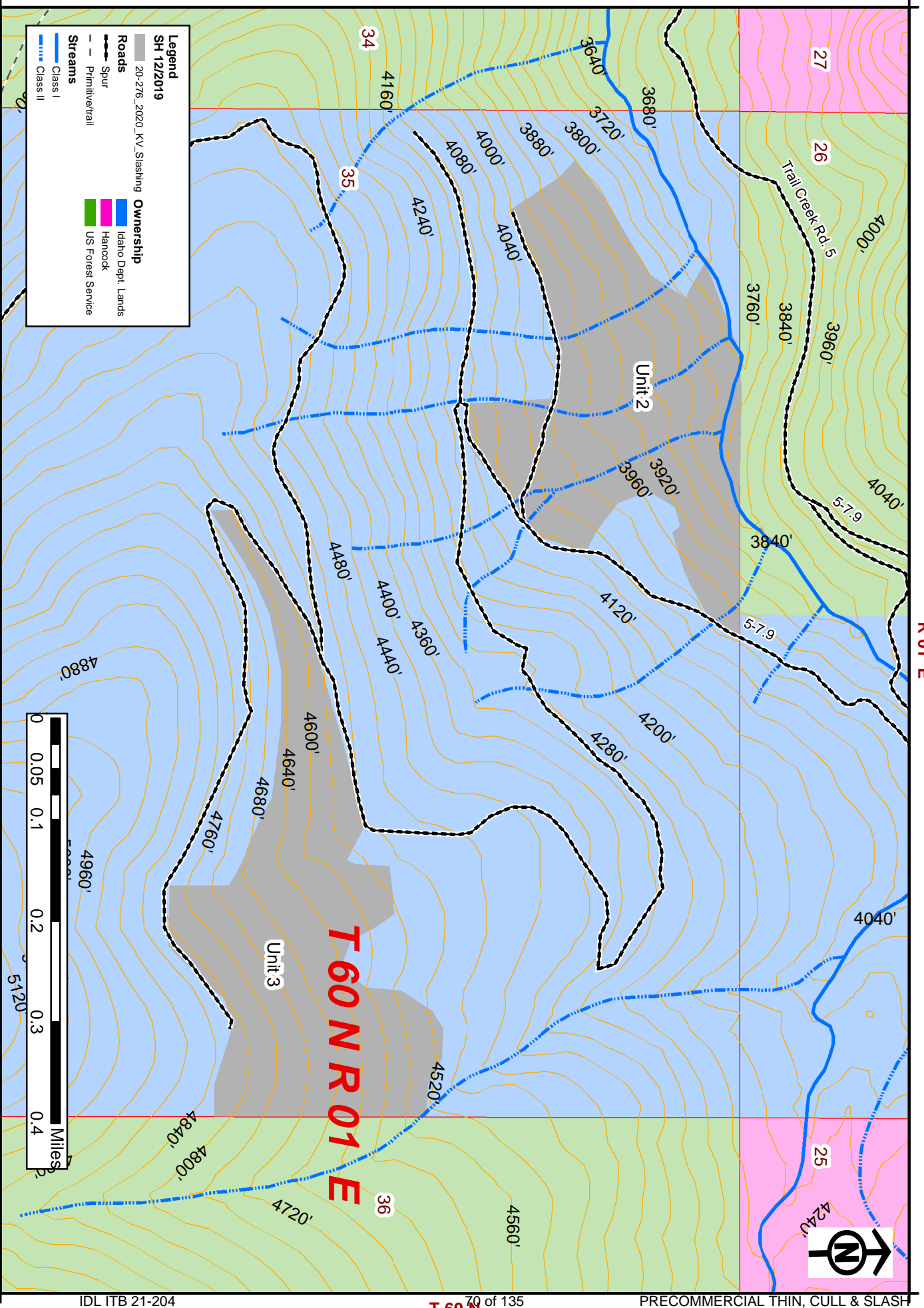
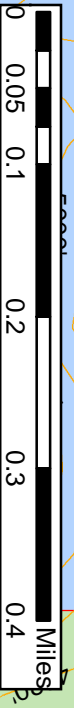
PRECOMMERCIAL THIN, CULL & SLASH

Legend
SH 12/2019

Roads
20-276_2020_KV_Slashing
Idaho Dept. Lands
Hamcock
Spur
Primitive/trail

Streams
Class I
Class II

Ownership
Idaho Dept. Lands
Hamcock
US Forest Service



IDL ITB 21-204

T 62 N

R 02 W

R 01 W

T 62 N R 01 W

T 62 N

Legend
SH 12/2019

20-276-2020_KV_Slashing

Ownership

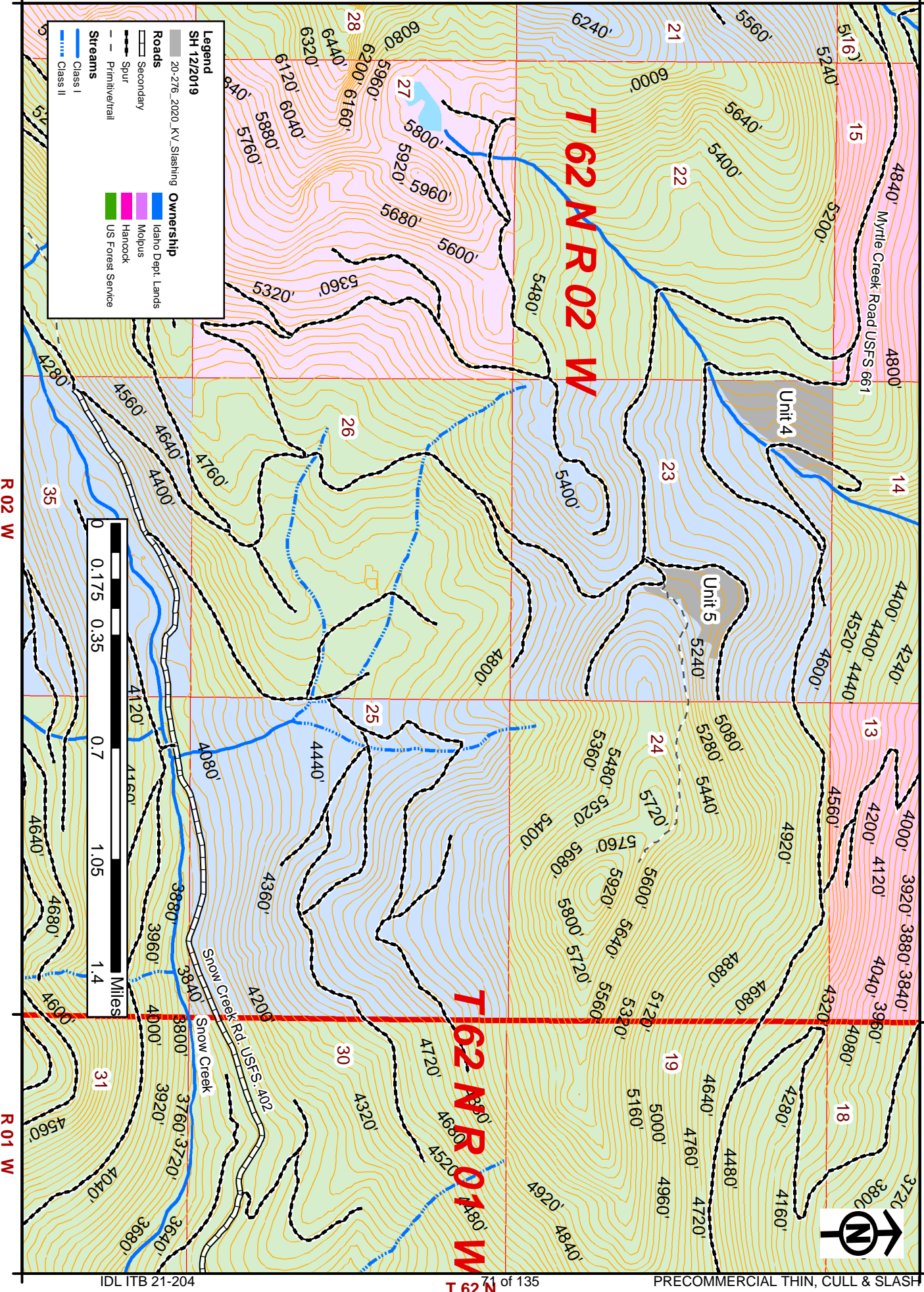
- Idaho Dept. Lands
- Molpus
- Hancock
- US Forest Service

Roads

- Secondary
- Spur
- Primitive/trail

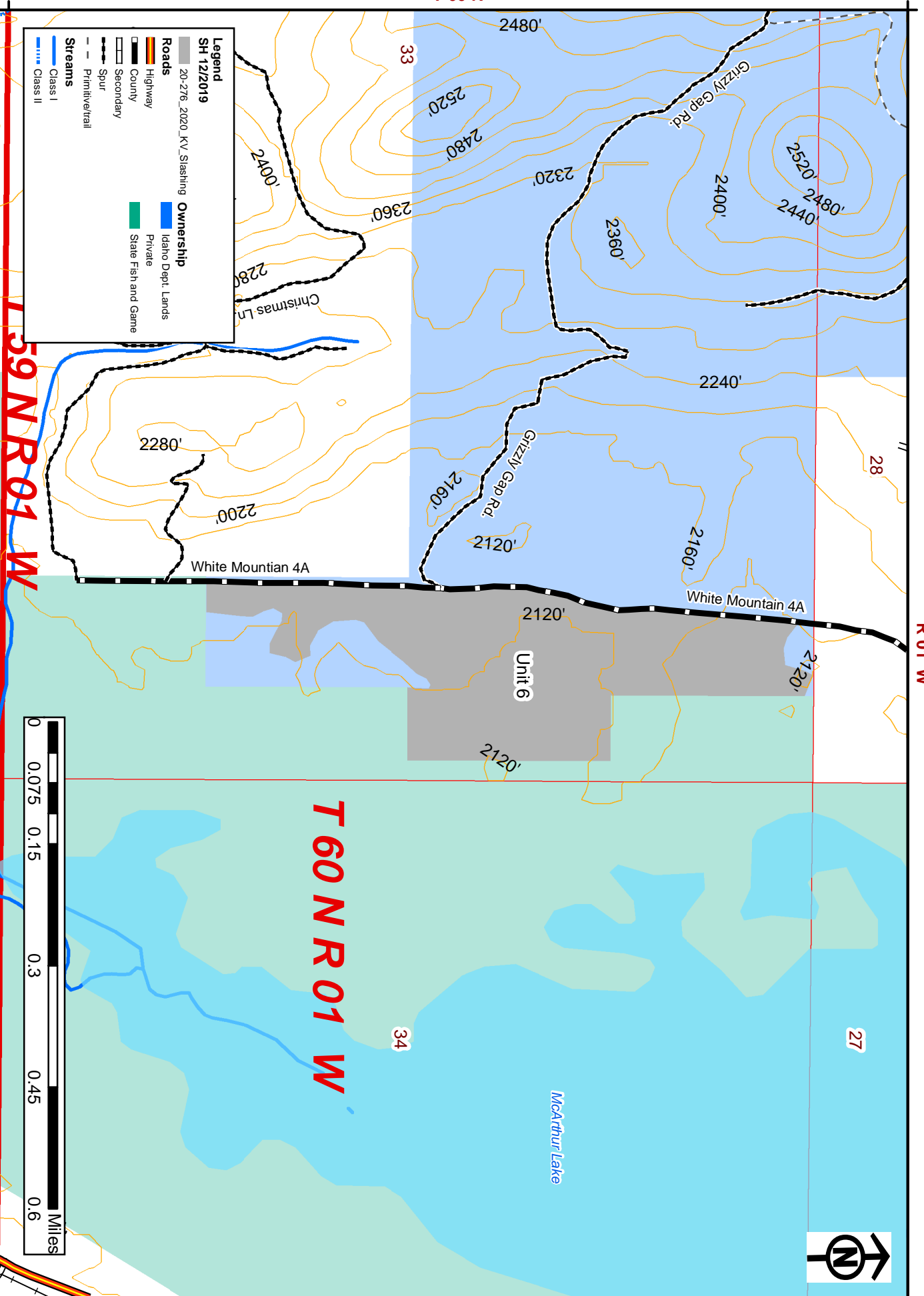
Streams

- Class I
- Class II



T 60 N

T 60 N



Legend
SH 12/2019

Roads

- 20-276_2020_KV_Slashing
- Highway
- County
- Secondary
- Spur
- Primitive/trail

Streams

- Class I
- Class II

Ownership

- Idaho Dept. Lands
- Private
- State Fish and Game



PROJECT DESCRIPTION Precommercial Thinning

SUPERVISORY AREA: MICA
PROJECT NAME: MICA PCT 2020
PROJECT NUMBER: 22-197-112-20
PROJECT ACRES: 70

PROJECT LOCATION:

Unit 1 is located off Signal Point Road, approximately 2 air miles from Post Falls ID.

AREA HISTORY:

Unit 1 The shelterwood was created between 1979-1982 in the Blossom Ridge timber sale (TSC #2257). A second entry occurred in 2009 where the overstory was removed in the Blossom OSR timber sale (TS-22-3726).

ACCESS:

Access to the unit is by Signal Point Road and secondary native surface roads. Depending on the condition of the secondary dirt roads, the Contractor may be required to walk or use ATV's to access some unit.

SITE DESCRIPTION:

1. Soils Present: According to the USDA Soil Survey website the following soils are present within the sale area: Unit 1: Kruse-Ulricher associations which consists of ashy loam and clay loam. The association is moderately deep and well drained the soil is derived from weathered gneiss and schist bedrock.
2. Pathological and Entomological: Root disease is present in most areas. Levels of infection are generally light.
3. Other Stand Data:

Unit	Aspect	Ave. Slope %	Elevation Low	Elevation High	Habitat Type	10 yr Radial Growth	Ave Age of Dominants
1	Northwest	30	2800	3200	PSME/PHMA	0.9	25

TREATMENT TYPE:

Unit	Treatment	Spacing	Acres	TPA Cut*	% WP in Stand**	Species Preference
1	Thin	12 X 12	70	2,839	0%	WL, WP, PP, DF, CE, GF, WH, LP

Total 70

Treatment by Type

Thin	70
Prune	0
Slash	0
Cull Removal	0
Thin & Prune	0

Species Abbreviations:

AF: subalpine fir	CE: western redcedar
DF: Douglas-fir	ES: Engelmann spruce
GF: grand fir	LP: lodgepole pine
PP: ponderosa pine	WH: western hemlock
WL: western larch	WP: western white pine

*Trees per acre cut are estimates only contractor should make own estimates

**Pre-treatment white pine species composition; used to estimate amount of pruning

SPECIAL TECHNICAL SPECIFICATIONS:

A. THINNING:

1. Crop or leave trees are to be dominant or codominant conifers selected by the Contractor. In Unit 1 on a 12-foot by 12-foot spacing basis (average 303 trees per acre), or as designated by the forester-in-charge. Spacing may vary by 4 to 5 feet in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.
 - a. The acceptable range for trees per acre is as follows:
 - i. Unit 1: 260 to 340 TPA
 - b. Species preference is listed in the Treatment Type table above.
2. Tree selection must be based on tree quality. Use of species as selection criteria shall be between trees of relatively equal height and diameter. All crop trees shall be free of insect and disease.

PERIOD OF PERFORMANCE:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the FIC. The Contractor shall complete the fieldwork by May 31, 2021.

INSPECTION & COMPLIANCE:

Either a 1/20th acre circular plot (26.3 feet radius horizontal distance) or a 1/50th acre circular plot (16.65 ft. radius horizontal distance) will be used for inspection. Where excessive crop trees are found to be the result of trees over 6 inches DBH which cannot be cut, the Contractor will not be penalized.

PAYMENT:

Invoices for payment will be submitted to the COR. This project will be paid on a per acre basis after acceptable satisfactory completion of each of the following payment units:

	<u># of Acres</u>	<u>Unit</u>
Payment Unit 1	70	1

Partial payment for units completed may be approved by the FIC. However, no payment will be processed prior to July 1, 2020, unless otherwise approved by the FIC.

INFORMATION:

Further information will be available by contacting the following address:

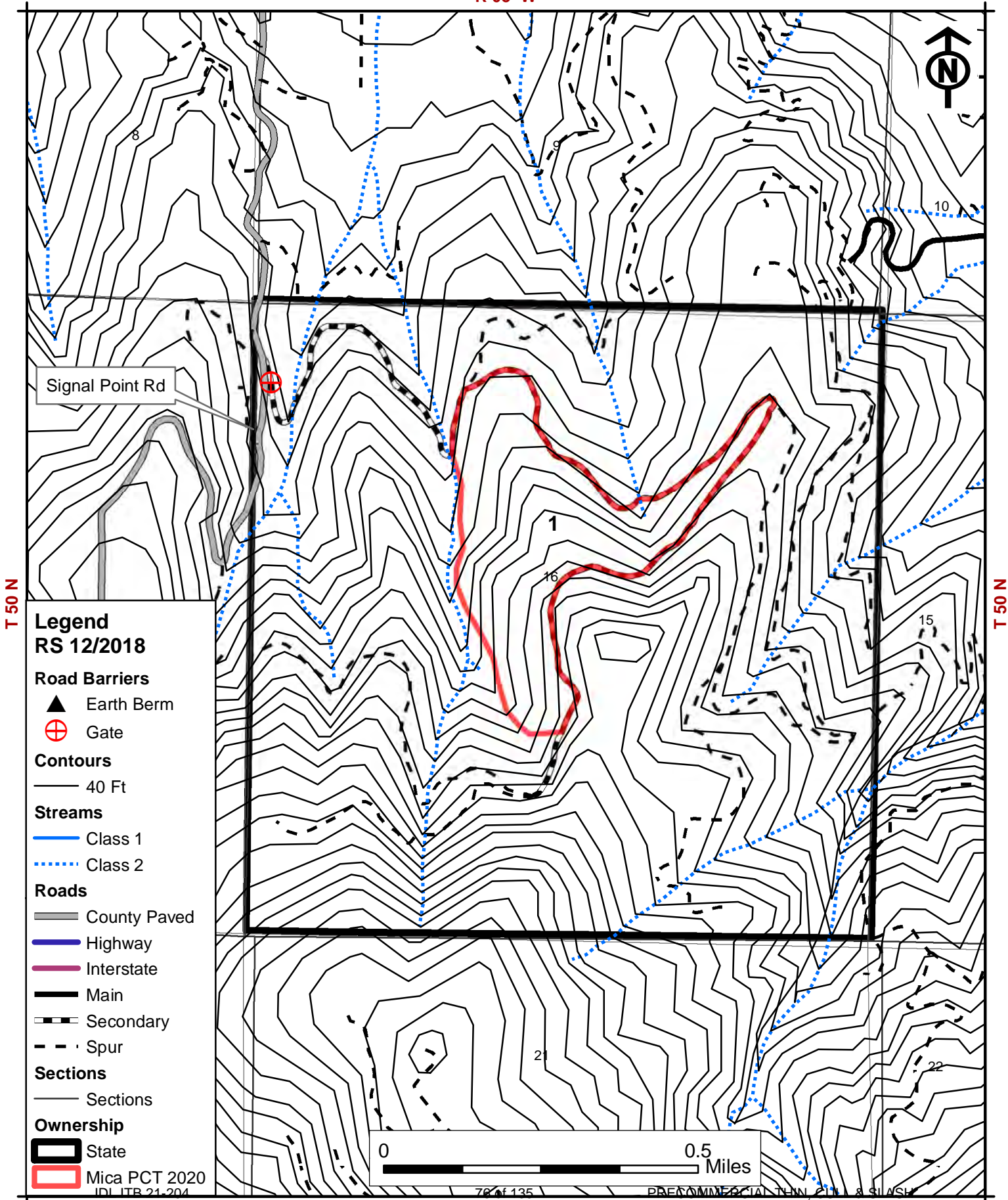
Nick Capobianco, Contract Supervisor
ncapobianco@idl.idaho.gov
Idaho Department of Lands
Mica Supervisory Area
3258 W Industrial Loop
Coeur d'Alene, Id, 83814
Phone (208) 769-1577

Jeanne Bradley, Resource Supervisor
jbradley@idl.idaho.gov
Idaho Department of Lands
Mica Supervisory Area
Cataldo FPD
80 Hilltop Overpass Road
Cataldo, Idaho 83839
Phone: (208) 682-4608
Fax: (208) 682-2991

FM #
22-197-112-20

Mica PCT 2020
Unit 1

R 05 W



Signal Point Rd

Legend
RS 12/2018

Road Barriers

- ▲ Earth Berm
- ⊕ Gate

Contours

- 40 Ft

Streams

- Class 1
- ⋯ Class 2

Roads

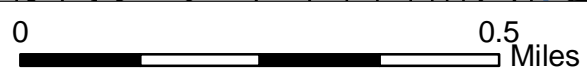
- County Paved
- Highway
- Interstate
- Main
- Secondary
- - Spur

Sections

- Sections

Ownership

- ▭ State
- ▭ Mica PCT 2020



R 05 W

R 05 W

T 51 N

T 51 N

T 50 N

T 50 N



Post Falls, ID

Legend
NHC 12/19

Road Barriers

- ▲ Earth Berm
- ⊕ Gate

Streams

- Class 1
- ⋯ Class 2

Roads

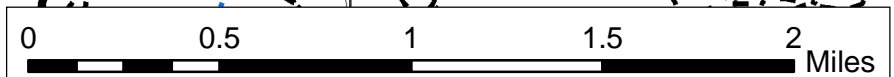
- County Paved
- Interstate
- Highway
- Main
- Secondary
- - - Spur

Sections

- Sections

Ownership

- ▭ State
- ▭ Mica PCT 2020



R 05 W

PROJECT DESCRIPTION

Precommercial Thinning

SUPERVISORY AREA: St Joe Area

PROJECT NAME: 2020 St Joe PCT

PROJECT NUMBER: 30-774-112-20

PROJECT ACRES: 672

PROJECT LOCATION:

This project is widely distributed throughout the St Joe Supervisory Area, including the Floodwood State Forest. Please see attached map(s) for locations.

AREA HISTORY:

Unit 1 Bear Wallow: Regeneration harvests did not occur until the late 1990's, and the overstory wasn't removed till the mid 2000's. Multiple timber entries created an existing stand with a wide range of ages and size classes. This unit was included in the 2019 Floodwood PCT (FM-30-831-112-19) but was never completed.

Unit 2 Curtis Trail: This unit was initially entered in the 1990's for Patch Pole Sale (TS-30-2972) and Trail Creek Pole Sale (TS-30-2729). In 2005, part of the unit was clear-cut harvested under Cedar Trail Sale (TS-30-3321). The lower portion was harvested under the Fish Pole Sale (TS-30-3364) and Patch Sawlog OSR (TS-30-3611). Approximately 14 acres were planted in 2005. This unit was included in the 2019 Floodwood PCT (FM-30-831-112-19) but was never completed.

Unit 3 Lower Scott: This unit was initially entered as a pole sale in the early 1990's and did not appear to create enough of disturbance to initiate regeneration. Trapper Scott OSR (TS-30-3357) removed the overstory. This unit was included in the 2019 Floodwood PCT (FM-30-831-112-19) but was never completed.

Unit 4 Brequito: The lower portion of this unit was harvested in 2013 under No Back OSR (TS-30-3763). The area along the Brequito Mainhaul was harvested under 700 Sawlog OSR (TS-30-3363) in 2007.

Unit 5 Cat Spur: This unit was initially entered for Cat Spur OSR (TS-30-2745) in the early 1990's, and was followed by a shelterwood cut in the Lower Cat Spur Sale (TS-30-3244) in 2005. The shelterwood was removed in 2012 during Slim-Cat OSR (TS-30-3828). This unit has good species diversity.

Unit 6 Coeman Peterson: This unit is newly acquired from the 2018 Molpus land purchase. It has a higher percentage of western red cedar and western larch regeneration, and has the highest estimated TPA out of all the project units.

Unit 7 Upper Bogus: This unit was first entered in 1996 during the Bogus Renfro Pole Sale (TS-30-2976) and the overstory was removed in 2010 during Bogus OSR (TS-30-3735). This unit has a high percentage of western larch and would benefit from a release cut.

Units 8 & 9 Flemming Creek: These units were harvested in 1976, then again via a shelterwood harvest under the Flemming Creek Sale (TS-30-2721) in 1995, followed by the Flemming Creek Salvage (SS-30-0262). The western larch in these units are showing signs of needle cast, likely because of dense growing conditions.

Unit 10 Lotus: This unit was clear-cut in 2002 under the Lotus Point Bugs Sale (TS-30-0470). Roughly 13 acres were thinned under the 2018 Lotus PCT (FM-30-816-112-18), however there were issues with tight spacing, poor crop trees, and high stumps. The unit was not completed.

ACCESS:

Access to the units is by rocky mainhaul roads and secondary native surface roads. Depending on the condition of the secondary dirt roads, the Contractor may be required to walk or use ATV's to access some units.

SITE DESCRIPTION:

1. Pathological and Entomological:

Hypodermella laricis is present on units 7, 8, and 9. There is also root rot common in the area of units 8 and 9, as well as unit 7. There is evidence of a past and more recent *Ips pini* outbreak in Unit 10.

2. Other Stand Data:

Unit	Aspect	Ave. Slope %	Elevation Low	Elevation High	Habitat Type	10 yr Radial Growth	Ave Age of Dominants
1	S	35	2,900'	3,500'	THPL/ASCA	1.3"	20
2	N	55	3,000'	3,400'	THPL/ASCA	1.7"	17
3	NW	55	2,400'	3,200'	THPL/ASCA	1.6"	16
4	NE	35	3,100'	3,400'	THPL/ADPE	1.3"	16
5	NW	31	3,100'	3,700'	TSHE/CLUN	1.7"	20
6	N	27	3,200'	4,000'	THPL/ASCA	1.6"	20
7	N	29	3,600'	4,100'	THPL/ASCA	1.8"	17
8	NE	36	3,800'	4,300'	THSE/CLUN	2"	20
9	NE	40	4,000'	4,400'	THSE/CLUN	1.8"	20
10	SW	38	3,000'	3,500'	ABGR/PHMA	1.8"	16

TREATMENT TYPE:

Unit	Treatment	Spacing	Acres	TPA Cut*	% WP in Stand**	Species Preference
1	Thin	10 X 10	76	3,988	0%	WP, CE, WL, DF, GF, PP, WH, ES, LP, AF
2	Thin	10 X 10	89	3,695	0%	WP, CE, WL, DF, GF, PP, WH, ES, LP, AF
3	Thin	10 X 10	135	3,991	2%	WP, CE, WL, DF, GF, PP, WH, ES, LP, AF
4	Thin	10 X 10	67	2,666	0%	WP, CE, WL, DF, GF, PP, WH, ES, LP, AF
5	Thin	10 X 10	79	3,050	3%	WP, CE, WL, DF, GF, LP, PP, WH, ES, AF
6	Thin	10 X 10	49	6,663	3%	WP, CE, WL, DF, GF, LP, PP, WH, ES, AF
7	Thin	10 X 10	77	5,125	1%	WP, CE, WL, DF, GF, LP, PP, WH, ES, AF
8	Thin	10 X 10	22	3,483	1%	WP, CE, WL, DF, GF, LP, PP, WH, ES, AF
9	Thin	10 X 10	32	4,785	2%	WP, CE, WL, DF, GF, LP, PP, WH, ES, AF
10	Thin	15 X 15	46	200	0%	PP, DF, WL

Total 672

Treatment by Type

Thin	672
Prune	0
Slash	0
Cull Removal	0
Thin & Prune	0

Species Abbreviations:

AF: subalpine fir	CE: western redcedar
DF: Douglas-fir	ES: Engelmann spruce
GF: grand fir	LP: lodgepole pine
PP: ponderosa pine	WH: western hemlock
WL: western larch	WP: western white pine

*Trees per acre cut are estimates only contractor should make own estimates

**Pre-treatment white pine species composition; used to estimate amount of pruning

SPECIAL TECHNICAL SPECIFICATIONS:

A. THINNING:

1. Crop or leave trees are to be dominant or codominant conifers selected by the Contractor on the spacing specified above, or as designated by the forester-in-charge. Spacing may vary by 4 to 5 feet in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.
 - a. The acceptable range for trees per acre is 400 to 480 for 10 x 10 spacing, and 170 to 222 for 15 x 15 spacing.
 - b. Species preference is listed in the Treatment Type table above.
2. Tree selection must be based on tree quality. Use of species as selection criteria shall be between trees of relatively equal height and diameter. All crop trees shall be free of insect and disease.
3. All western white pine of good form without Blister Rust bole cankers will be left to grow in all units. When leaving a white pine, an additional crop tree shall be left as close as possible to the white pine. The white pine shall not be tallied in the inspection reports.
4. All units will be mechanically thinned by felling all surplus trees greater than three feet (3') in height.

PERIOD OF PERFORMANCE:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the FIC. All Units must be completed by October 31st, 2020 or as directed by the COR. No work will be permitted on Unit 10 prior to August 1st, 2020.

INSPECTION & COMPLIANCE:

Either a 1/20th acre circular plot (26.3 feet radius horizontal distance) or a 1/50th acre circular plot (16.65 ft. radius horizontal distance) will be used for inspection. Where excessive crop trees are found to be the result of trees over 6 inches DBH which cannot be cut, the Contractor will not be penalized.

PAYMENT:

Invoices for payment will be submitted to COR. This project will be paid on a per acre basis after acceptable satisfactory completion of each of the following payment units:

	<u># of Acres</u>	<u>Unit</u>
Payment Unit 1	367	1, 2, 3, 4
Payment Unit 2	205	5, 6, 7
Payment Unit 3	54	8 & 9
Payment Unit 4	46	10

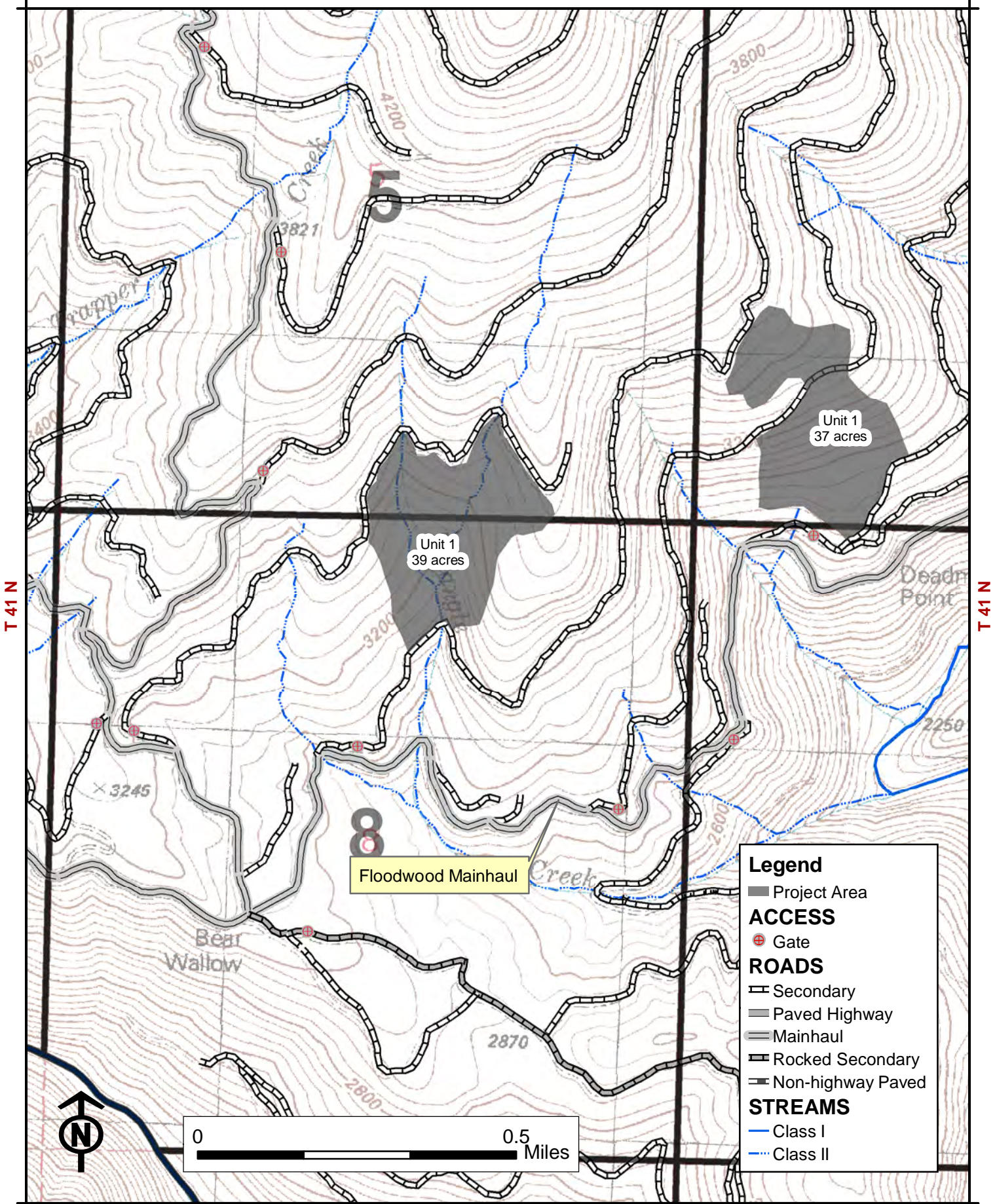
Partial payment for units completed may be approved by the FIC. However, no payment will be processed prior to July 1, 2020, unless otherwise approved by the FIC.

INFORMATION:

Further information will be available by contacting the following address:

Kelsie Grover
kgrover@idl.idaho.gov
 Idaho Department of Lands
 St. Joe Supervisory Area
 1806 Main Avenue
 St. Maries, Idaho 83861
 208-245-4551

R 04 E

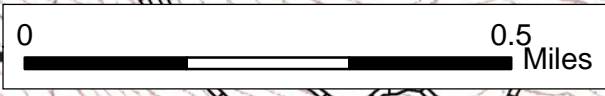


T 41 N

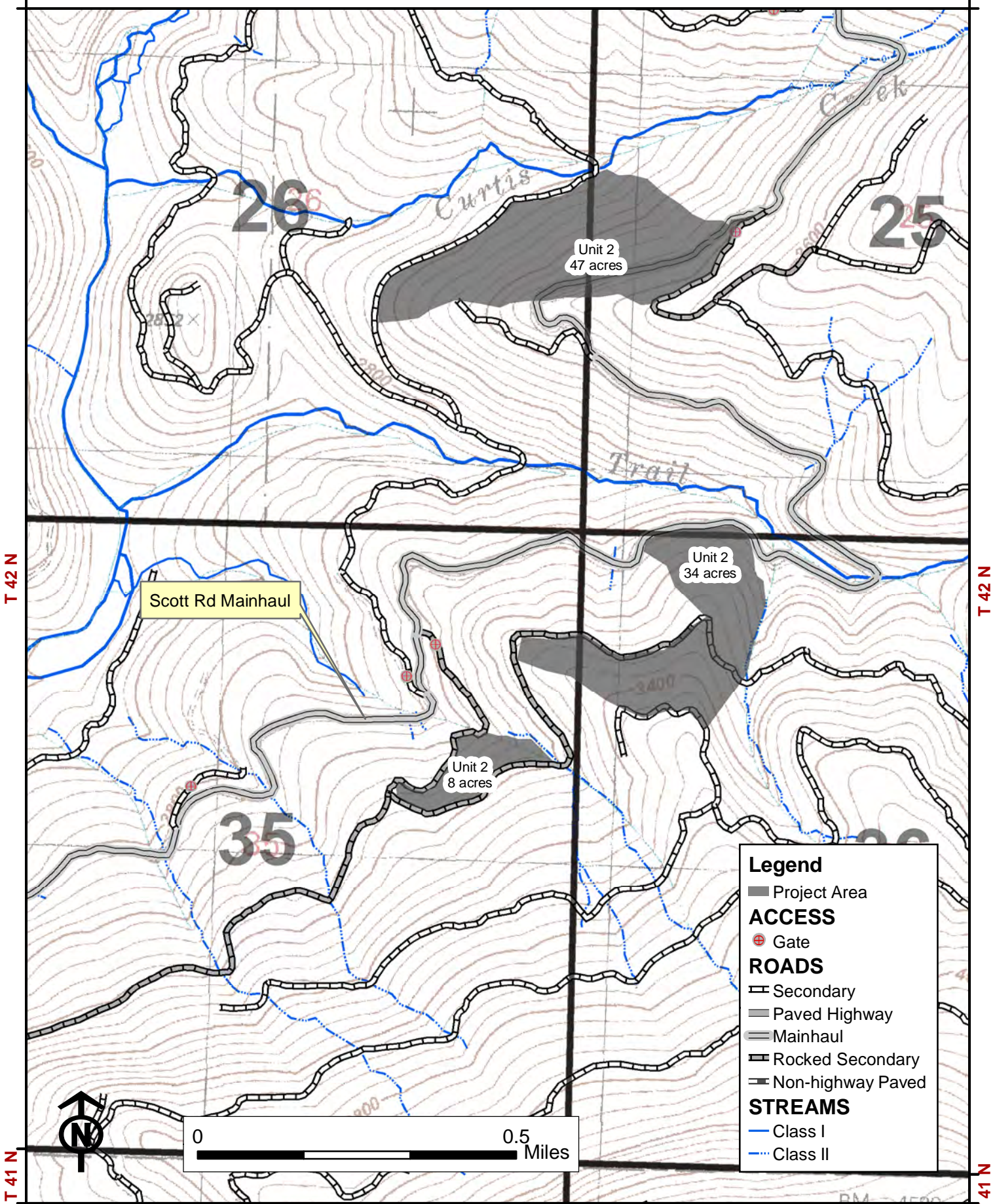
T 41 N

Legend

- Project Area
- ACCESS**
 - Gate
- ROADS**
 - Secondary
 - Paved Highway
 - Mainhaul
 - Rocked Secondary
 - Non-highway Paved
- STREAMS**
 - Class I
 - Class II



R 04 E



T 42 N

T 42 N

T 41 N

T 41 N

R 04 E

T 42 N

T 42 N

T 41 N

T 41 N

Scott Rd Mainhaul

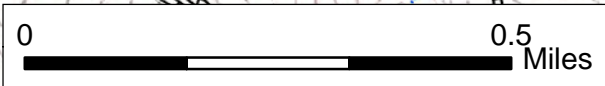
Unit 3
32 acres

Unit 3
103 acres

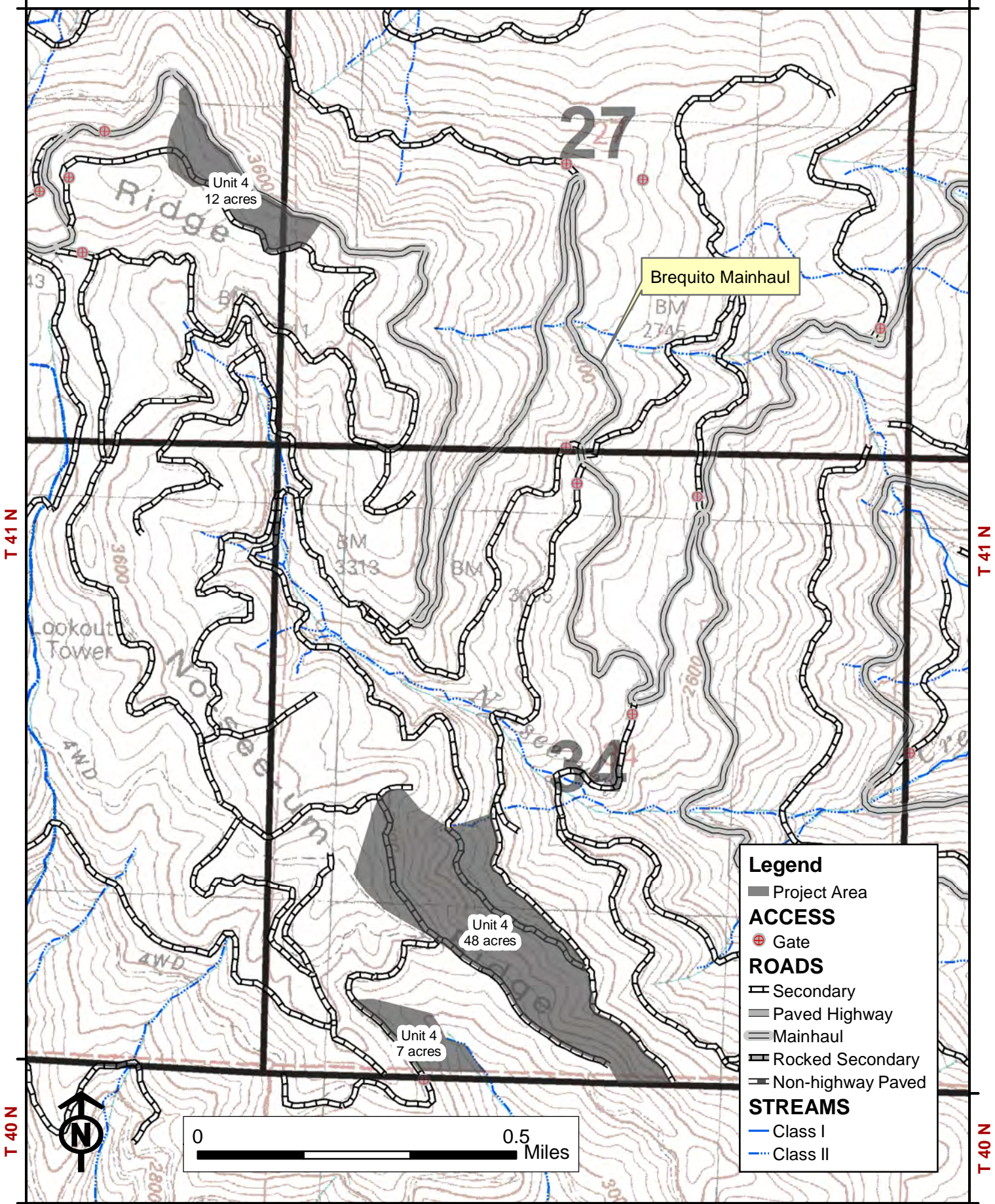
Floodwood
Park

Legend

- Project Area
- ACCESS**
 - Gate
- ROADS**
 - Secondary
 - Paved Highway
 - Mainhaul
 - Rocked Secondary
 - Non-highway Paved
- STREAMS**
 - Class I
 - Class II

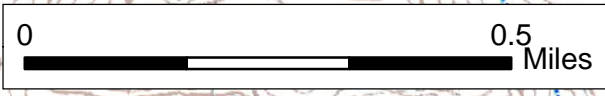


R 04 E

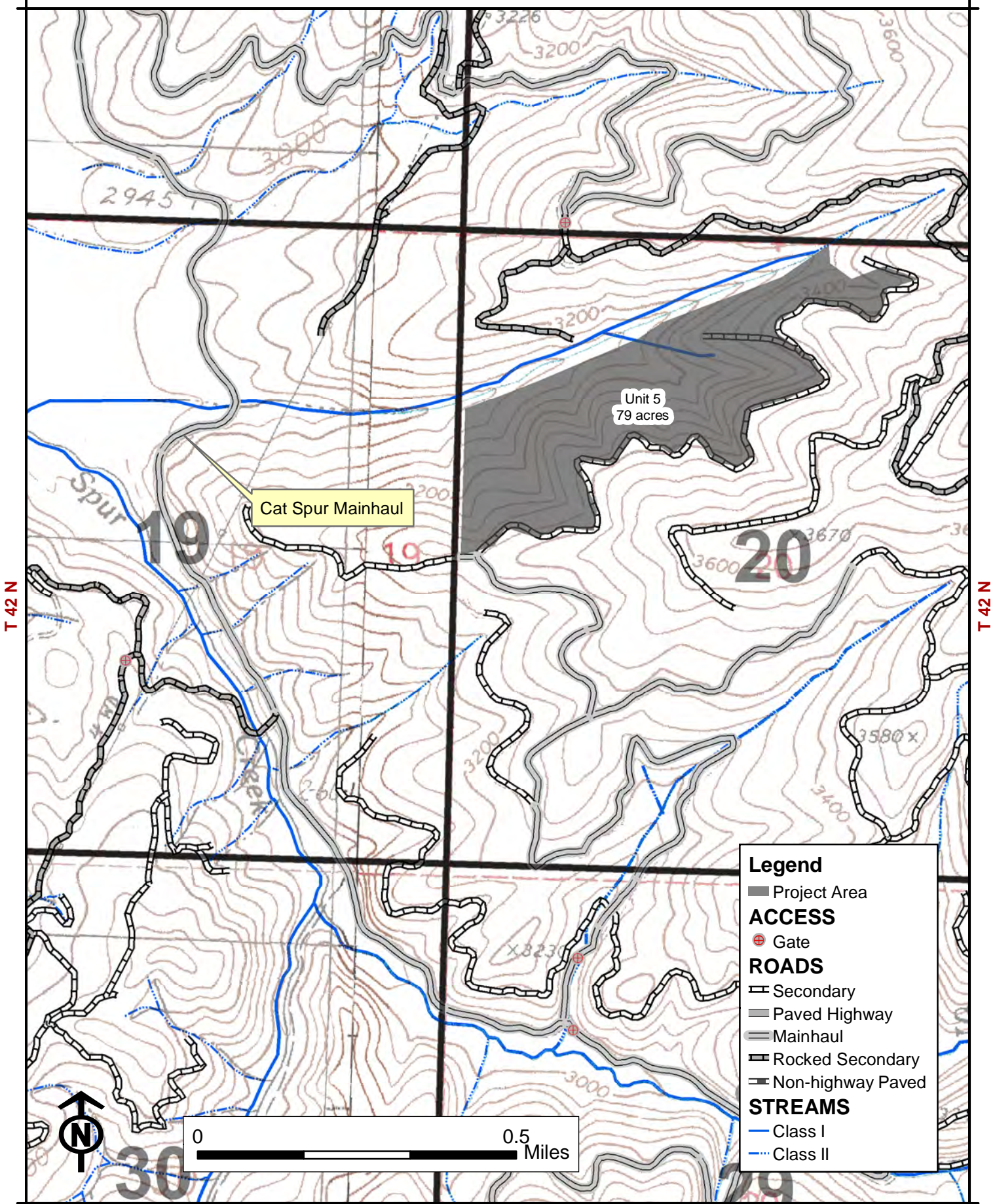


Legend

- Project Area
- ACCESS**
- Gate
- ROADS**
- Secondary
- Paved Highway
- Mainhaul
- Rocked Secondary
- Non-highway Paved
- STREAMS**
- Class I
- Class II



R 02 E

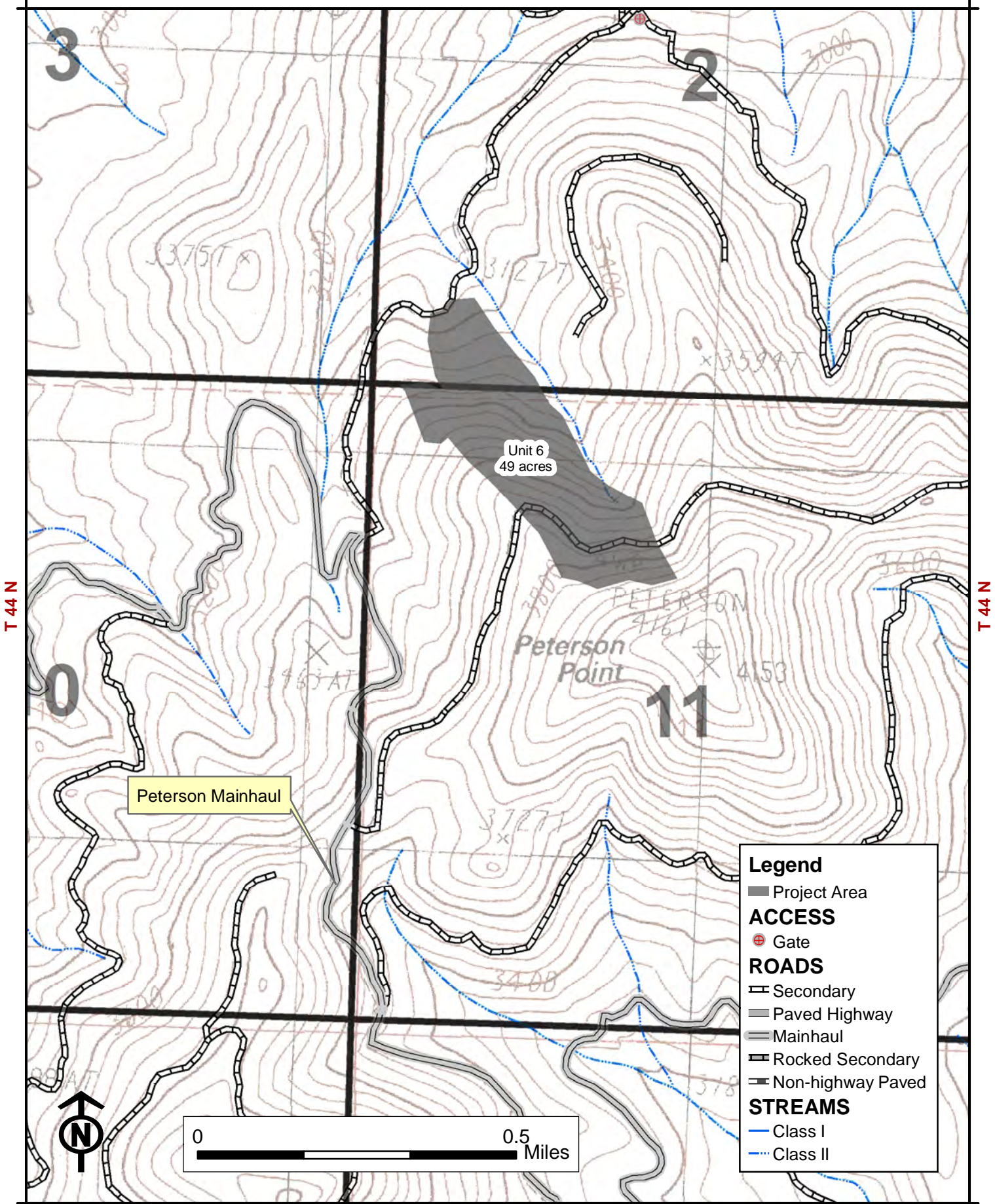


Legend

- Project Area
- ACCESS**
 - Gate
- ROADS**
 - Secondary
 - Paved Highway
 - Mainhaul
 - Rocked Secondary
 - Non-highway Paved
- STREAMS**
 - Class I
 - Class II



R 02 W



Peterson Mainhaul

Unit 6
49 acres

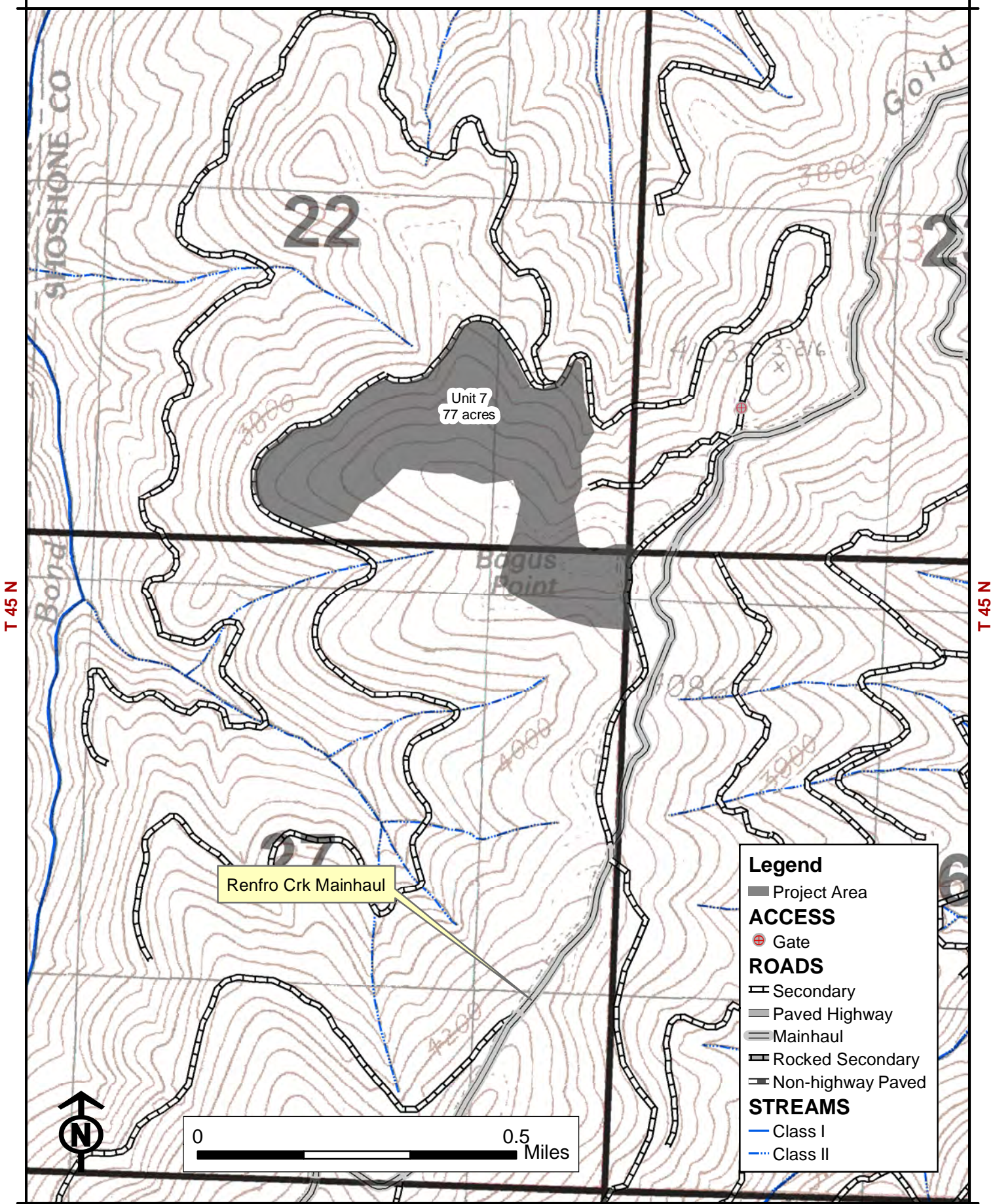
Peterson Point

Legend

- Project Area
- ACCESS**
- Gate
- ROADS**
- Secondary
- Paved Highway
- Mainhaul
- Rocked Secondary
- Non-highway Paved
- STREAMS**
- Class I
- Class II

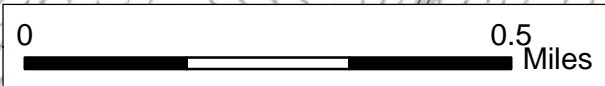


R 01 E



Legend

- Project Area
- ACCESS**
- Gate
- ROADS**
- Secondary
- Paved Highway
- Mainhaul
- Rocked Secondary
- Non-highway Paved
- STREAMS**
- Class I
- Class II



R 04 E

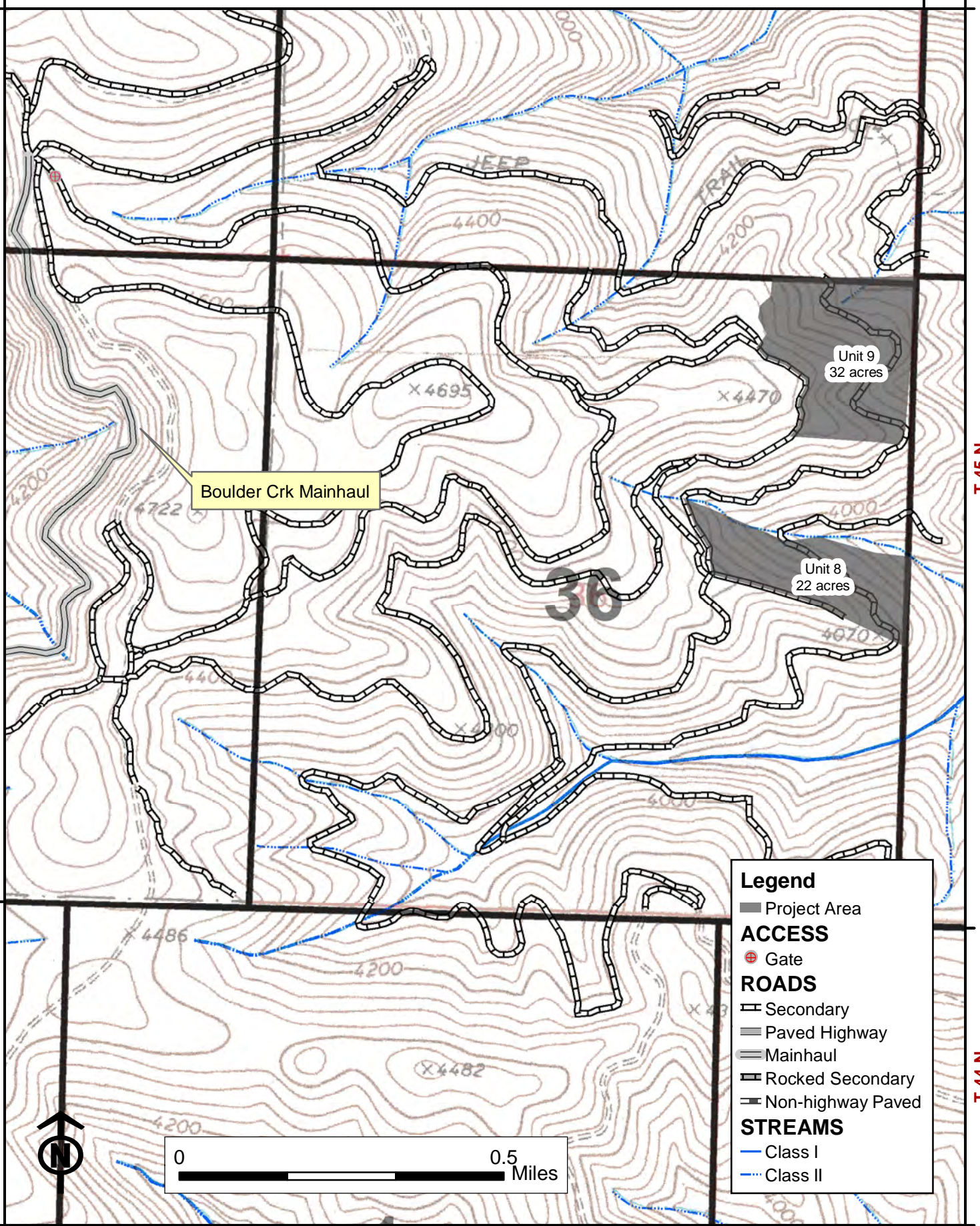
R 05 E

T 45 N

T 45 N

T 44 N

T 44 N



Boulder Crk Mainhaul

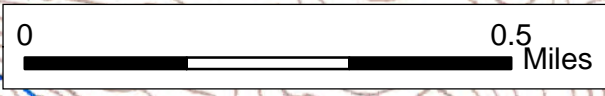
Unit 9
32 acres

Unit 8
22 acres

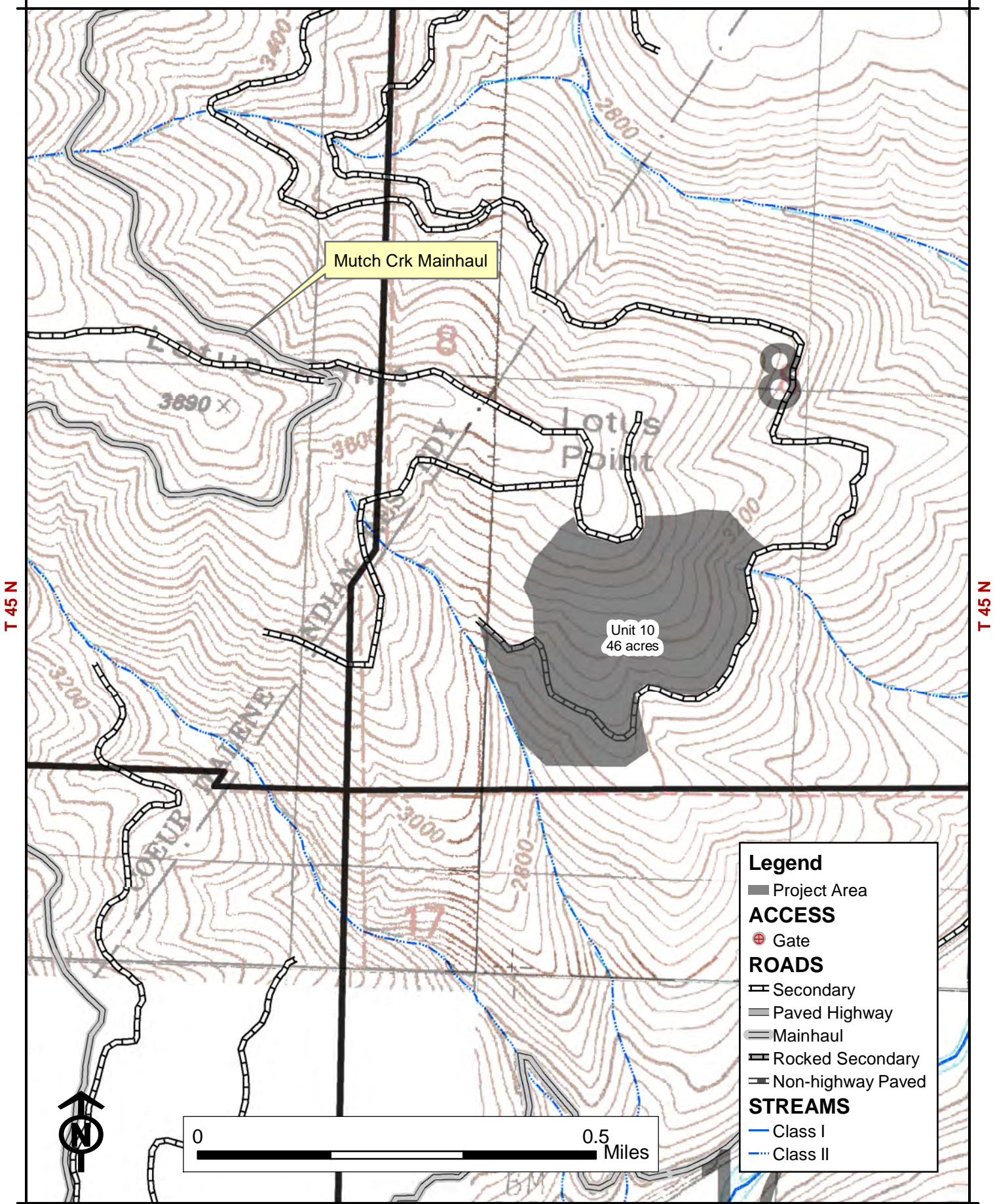
36

Legend

- Project Area
- ACCESS**
- Gate
- ROADS**
- Secondary
- Paved Highway
- Mainhaul
- Rocked Secondary
- Non-highway Paved
- STREAMS**
- Class I
- Class II



R 02 W



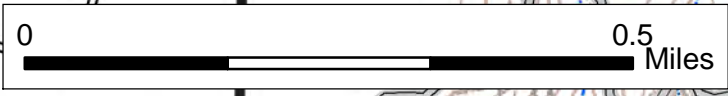
Mutch Crk Mainhaul

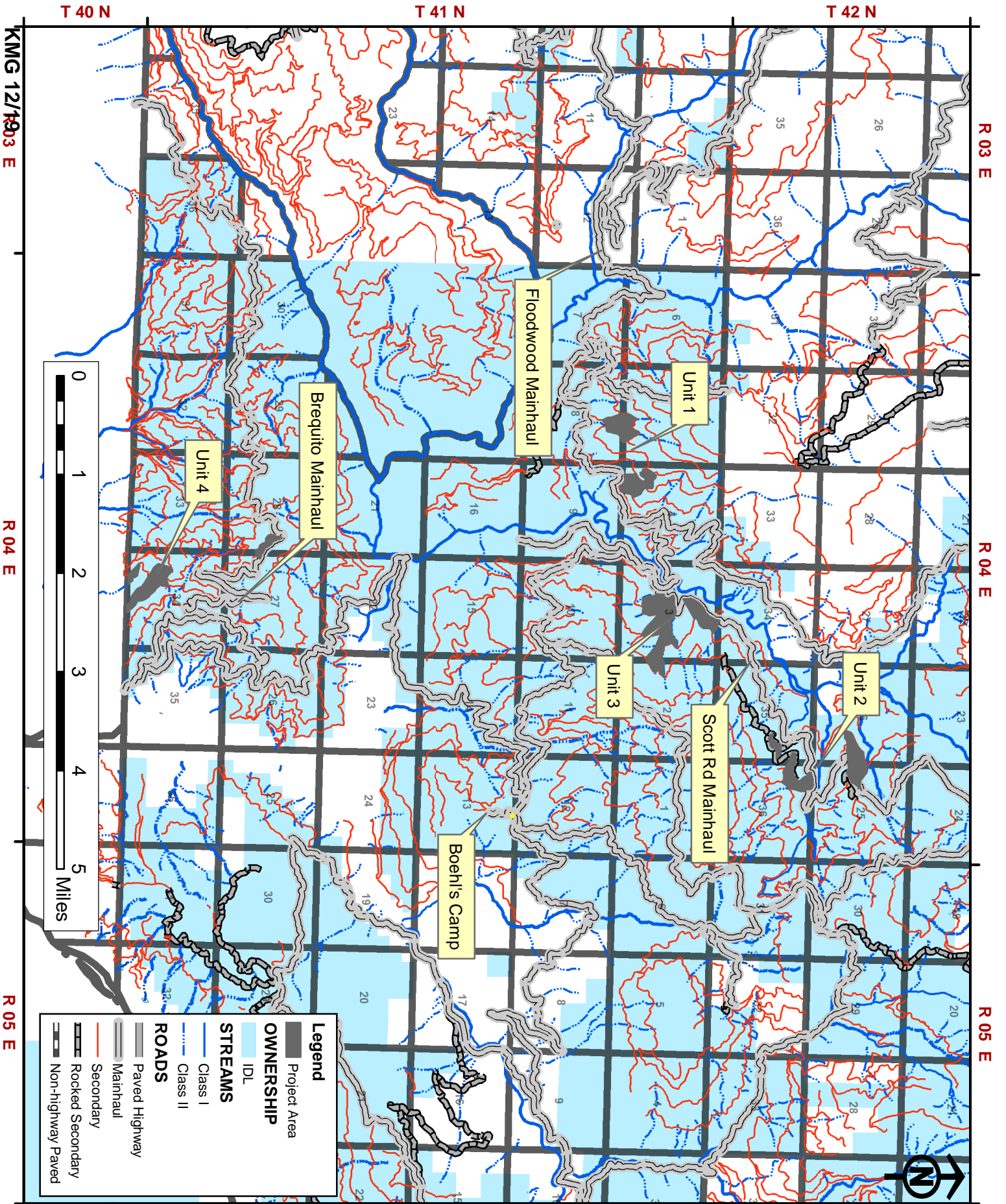
Lotus Point

Unit 10
46 acres

Legend

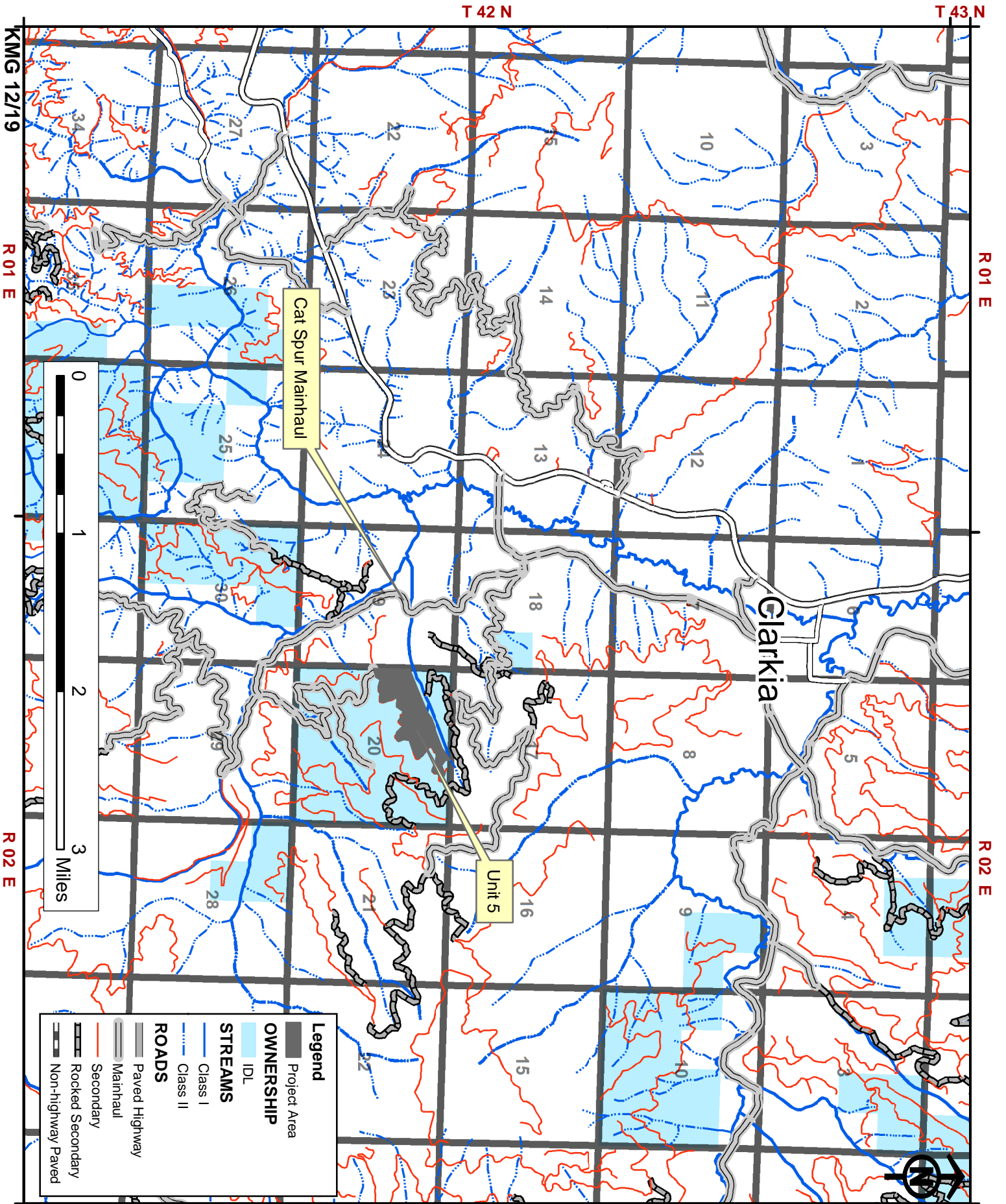
- Project Area
- ACCESS**
- Gate
- ROADS**
- Secondary
- Paved Highway
- Mainhaul
- Rocked Secondary
- Non-highway Paved
- STREAMS**
- Class I
- Class II

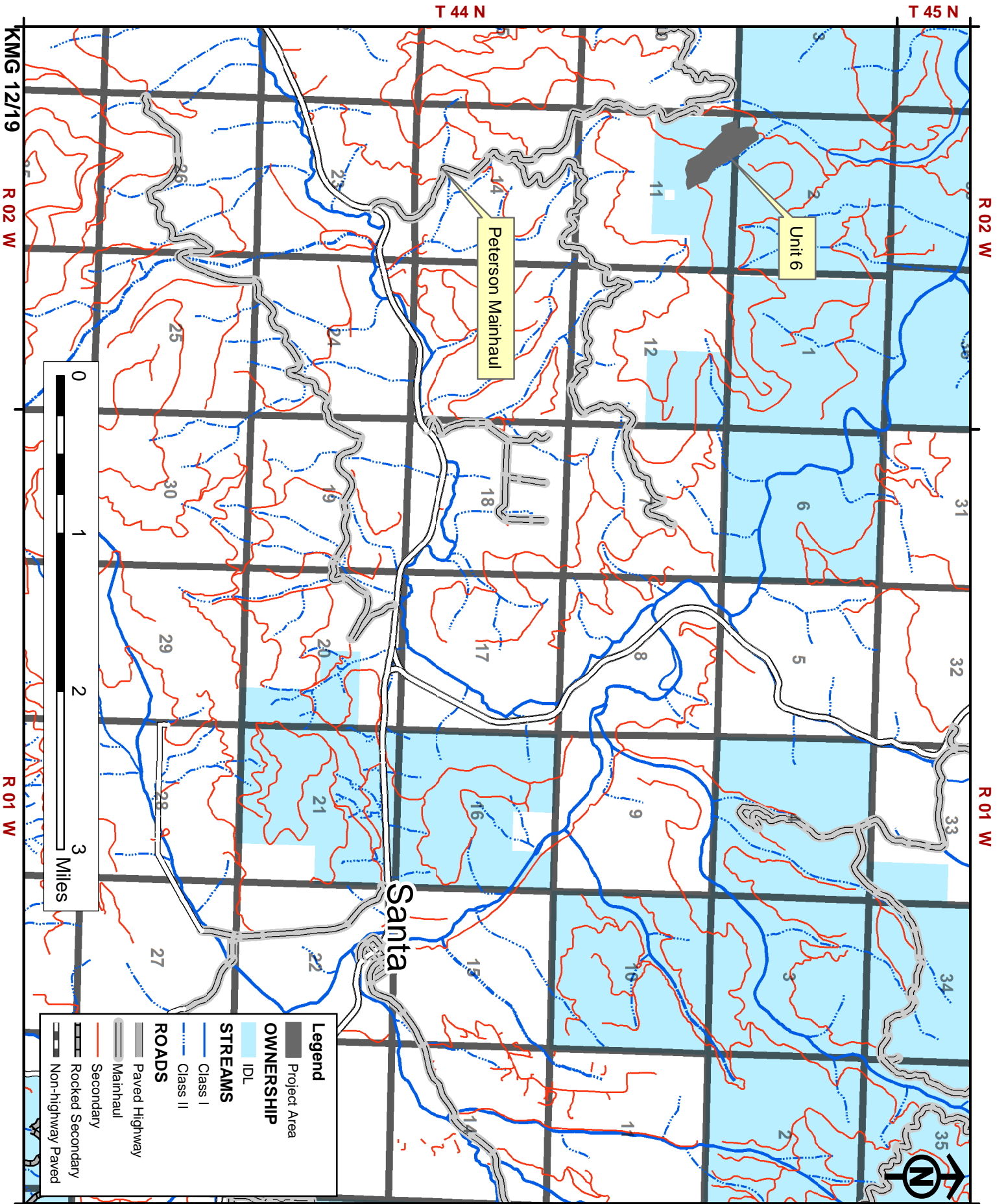




Legend

- Ownership**
 - Project Area
 - IDL
- Streams**
 - Class I
 - Class II
- Roads**
 - Paved Highway
 - Mainhaul
 - Secondary
 - Rocked Secondary
 - Non-highway Paved





KMG 12/19

R 02 W

R 01 W

T 44 N

T 45 N

R 02 W

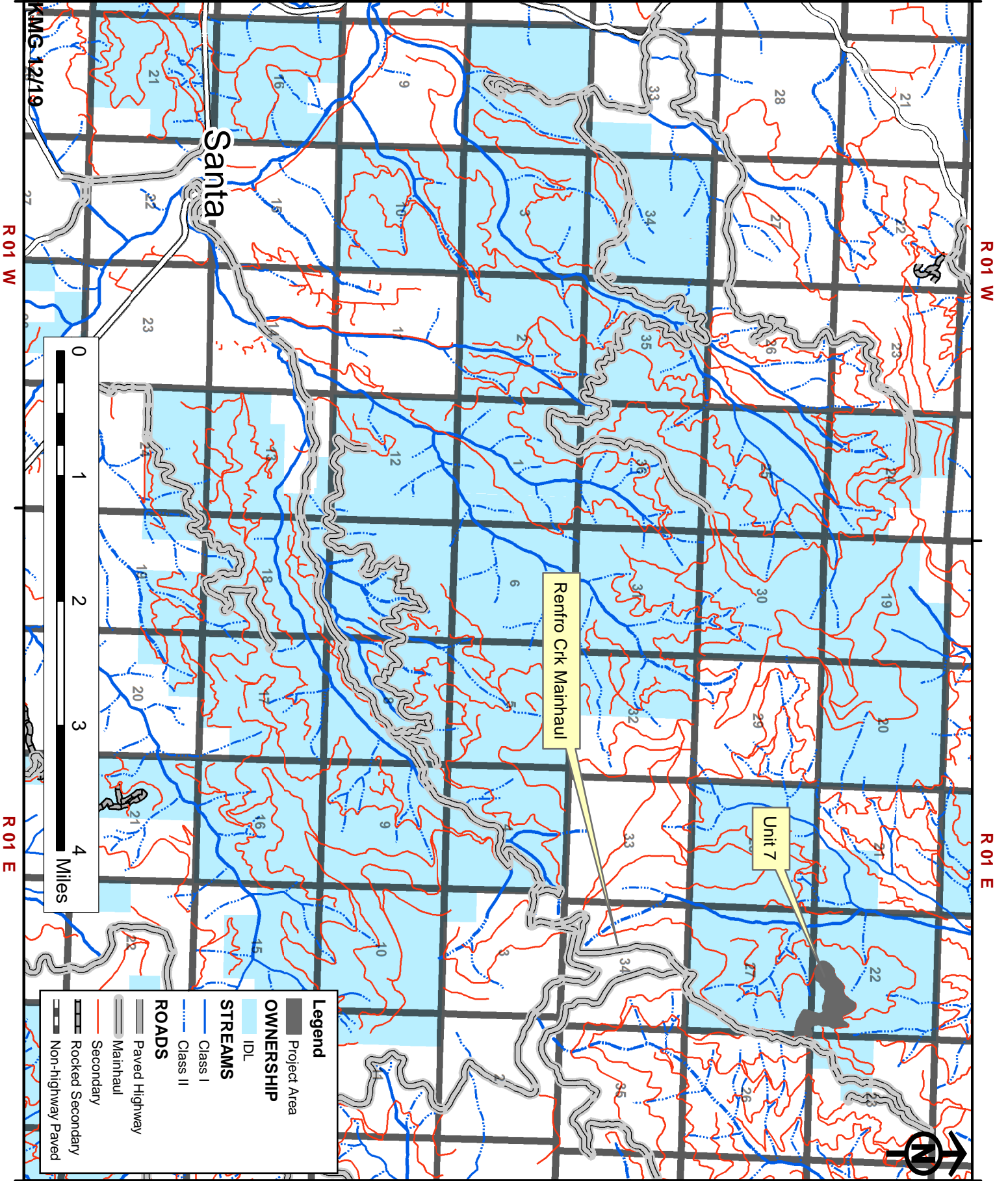
R 01 W

Legend

- Project Area
- OWNERSHIP**
- IDL
- STREAMS**
- Class I
- Class II
- ROADS**
- Paved Highway
- Mainhaul
- Secondary
- Rocked Secondary
- Non-highway Paved

T 44 N

T 45 N

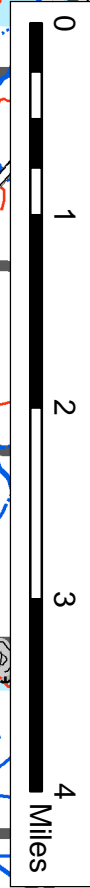


R 01 W

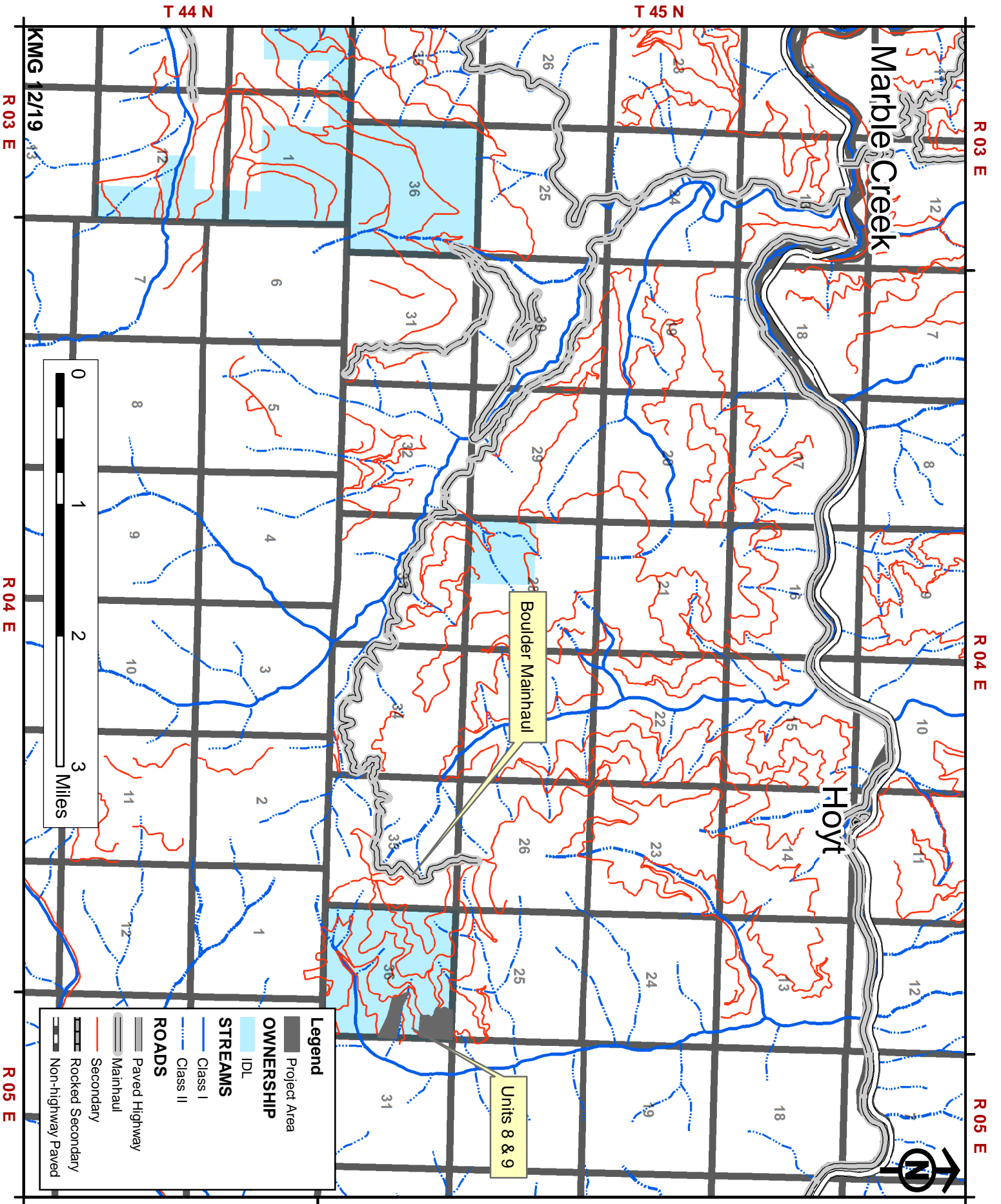
R 01 W

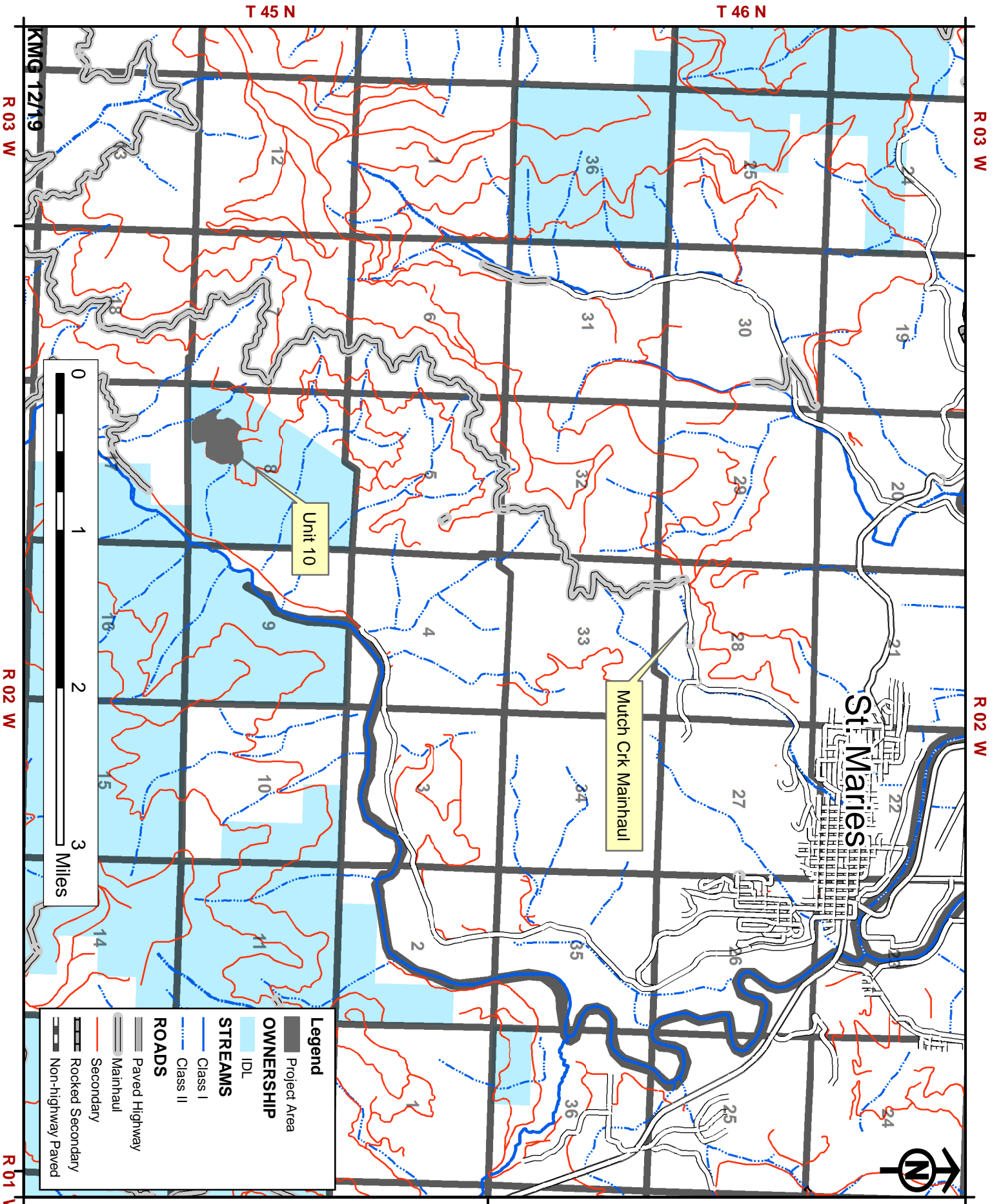
R 01 E

R 01 E



Legend	
	Project Area
OWNERSHIP	
	IDL
STREAMS	
	Class I
	Class II
ROADS	
	Paved Highway
	Mainhaul
	Secondary
	Rocked Secondary
	Non-highway Paved





	Legend
	Project Area
	OWNERSHIP
	IDL
	STREAMS
	Class I
	Class II
	ROADS
	Paved Highway
	Mainhaul
	Secondary
	Rocked Secondary
	Non-highway Paved

PROJECT DESCRIPTION Slashing

SUPERVISORY AREA: St Joe Area

PROJECT NAME: Pokey Peterson Slashing

PROJECT NUMBER: 30-823-108-20

PROJECT ACRES: 276

PROJECT LOCATION:

This project is located within the St. Joe Supervisory Area. Unit 1 is located 4 air miles northwest of Santa, ID. Unit 2 is located approximately 1 air mile north of Santa, ID. Please see attached map(s) for locations.

AREA HISTORY:

Unit 1 Peterson: New land acquired from the Molpus acquisition. This unit was logged and suppressed cedar were left with the intention that they would release. The unit was planted and is filling in with natural regeneration. The cull cedar has not released, and is taking up growing space and nutrients from crop trees.

Unit 2 Pokey Ten: Received a shelterwood harvest in the 2018 Pokey Ten sale (TS30-4199), and suppressed grand fir and western hemlock were left behind. This unit is on a hard south aspect and has pockets of root rot

TREATMENT TYPE:

Unit	Treatment	Spacing	Acres	TPA Cut*	Ave Diameter	Species Preference
1	Slash	N/A	57	121	3.5"	WP, CE, WL, DF, LP, GF
2	Slash	N/A	219	95	2.8"	WP, WL, DF, PP

Total 276

Treatment by Type

Thin	0
Prune	0
Slash	276
Cull Removal	0
Thin & Prune	0

Species Abbreviations:

AF: subalpine fir	CE: western redcedar
DF: Douglas-fir	ES: Engelmann spruce
GF: grand fir	LP: lodgepole pine
PP: ponderosa pine	WH: western hemlock
WL: western larch	WP: western white pine

*Trees per acre cut are estimates only contractor should make own estimates

** In Unit 1 there are small diameter desirable species that should not be cut. In unit 2 a large diameter overstory still exists and should not be cut. This will be gone over in the pre-work meeting on-site.

SPECIAL TECHNICAL SPECIFICATIONS:

Project boundaries are roads or are flagged with pink or blue ribbon.

Subject to the direction and instruction of the contract supervisor, the contractor will be required to adhere to the following:

PERIOD OF PERFORMANCE:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the FIC. All work must be completed by October 1st, 2020. The contract will terminate on November 15th, 2020.

PAYMENT:

Invoices for payment will be submitted to COR. This project will be paid on a per acre basis after acceptable satisfactory completion of each of the following payment units:

	<u># of Acres</u>	<u>Unit</u>
Payment Unit 1	57	1
Payment Unit 2	219	2

Partial payment for units completed may be approved by the FIC. However, no payment will be processed prior to July 1, 2020, unless otherwise approved by the FIC.

INFORMATION:

Further information will be available by contacting the following address:

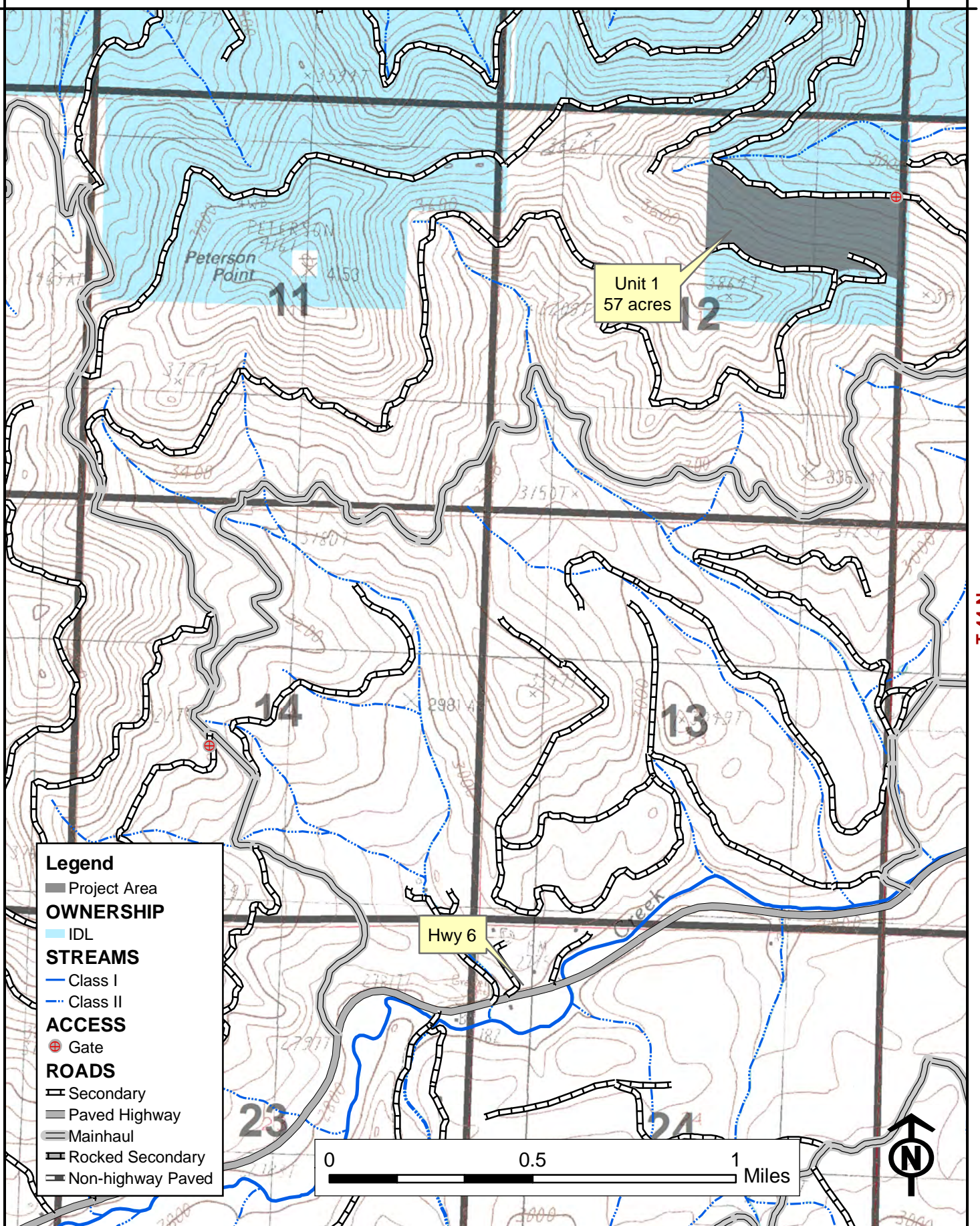
Kelsie Grover
kgrover@idl.idaho.gov
Idaho Department of Lands
St Joe Supervisory Area
St Maries, Idaho 83861
Phone: (208) 245-4551

R 02 W

R 01 W

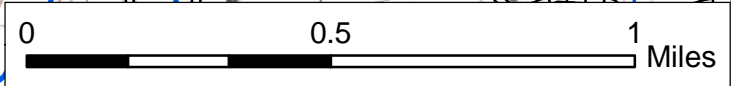
T 44 N

T 44 N



Legend

- Project Area
- OWNERSHIP**
- IDL
- STREAMS**
- Class I
- Class II
- ACCESS**
- Gate
- ROADS**
- Secondary
- Paved Highway
- Mainhaul
- Rocked Secondary
- Non-highway Paved



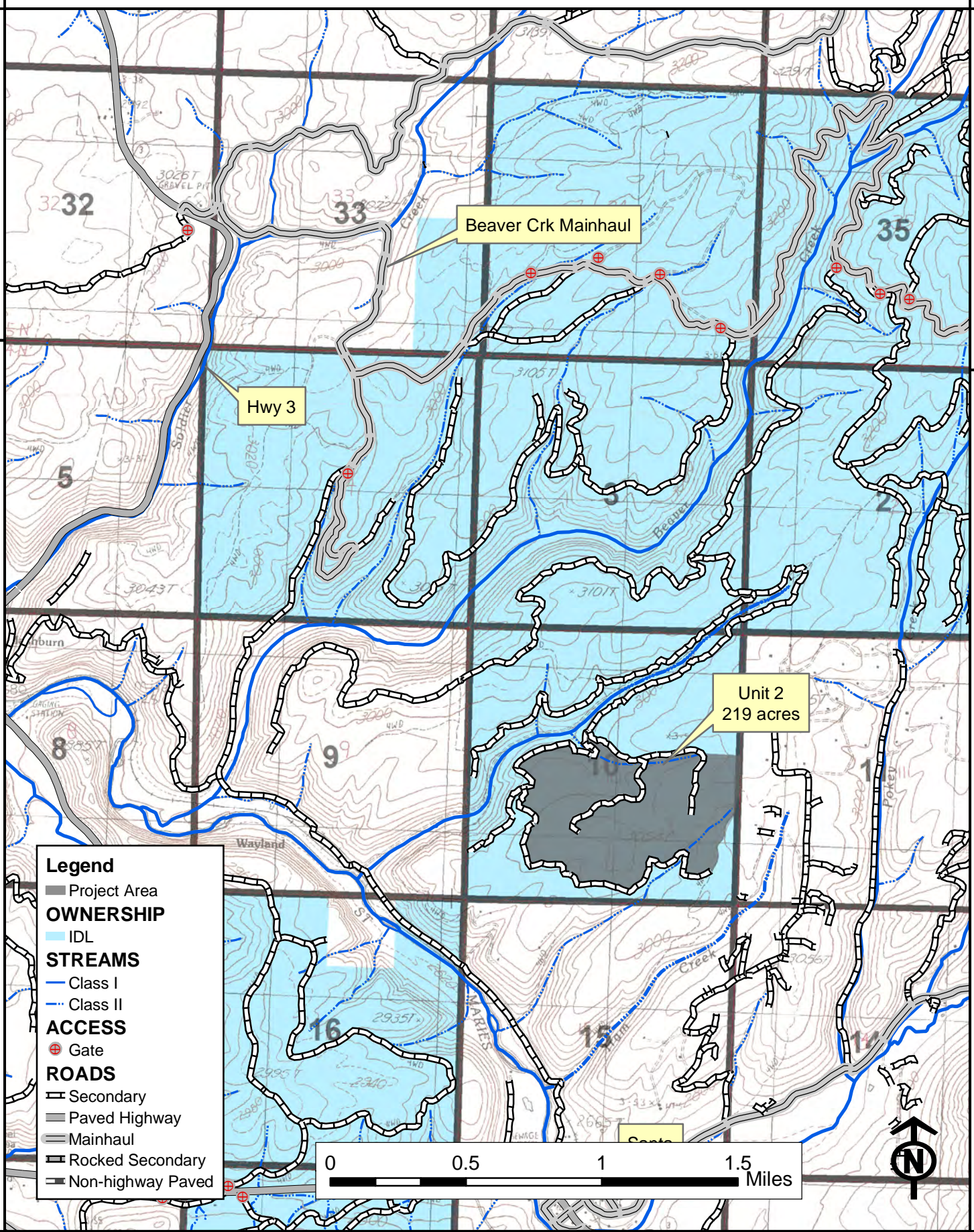
R 01 W

T 45 N

T 45 N

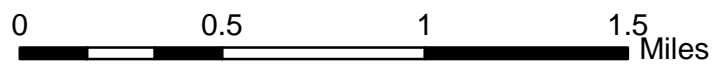
T 44 N

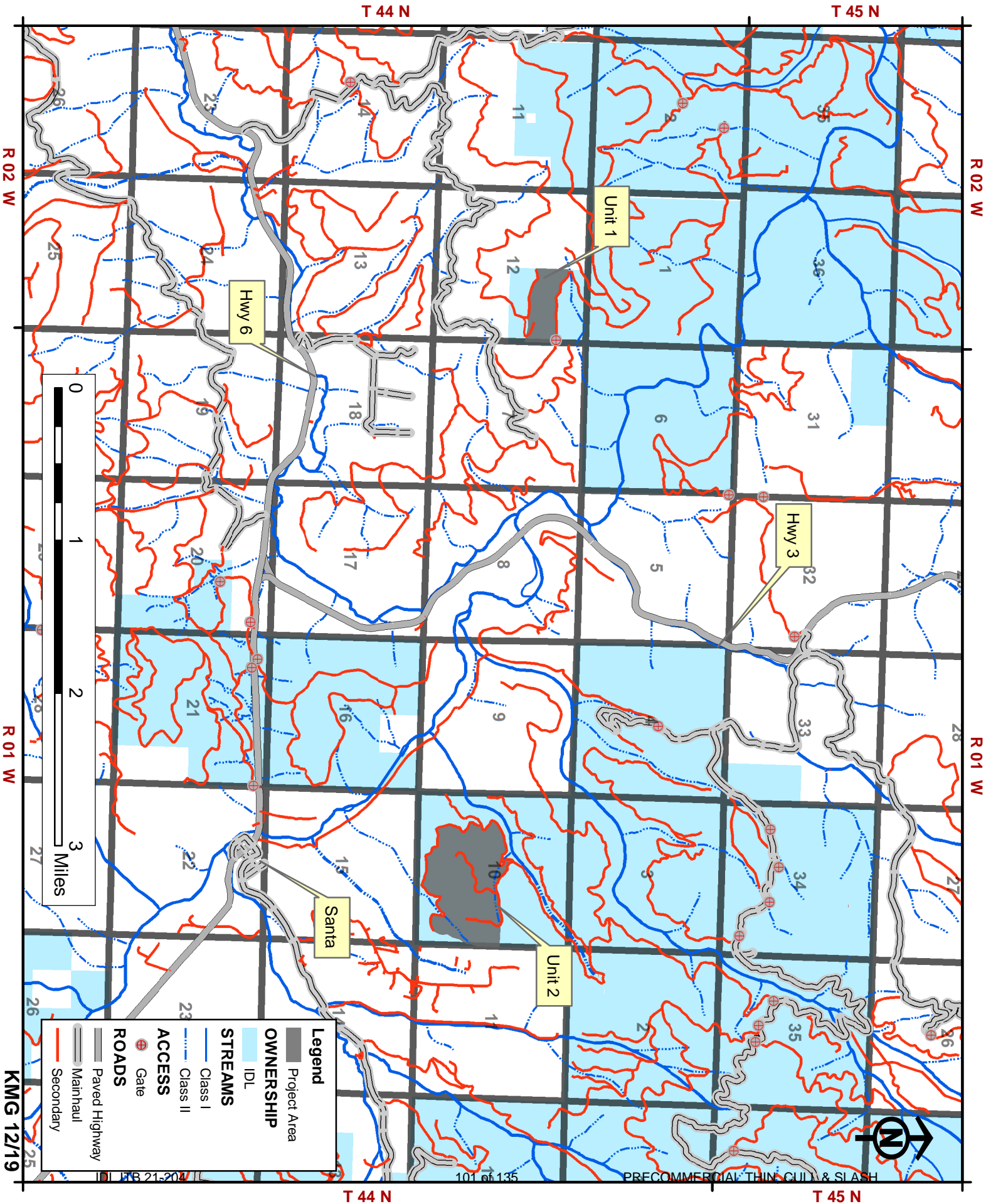
T 44 N



Legend

- Project Area
- OWNERSHIP**
- IDL
- STREAMS**
- Class I
- Class II
- ACCESS**
- Gate
- ROADS**
- Secondary
- Paved Highway
- Mainhaul
- Rocked Secondary
- Non-highway Paved





KMG 12/19

PROJECT DESCRIPTION

Precommercial Thinning

SUPERVISORY AREA: Ponderosa Supervisory Area

PROJECT NAME: 2020 Ponderosa Area PCT

PROJECT NUMBER: 41-321-112-20

PROJECT ACRES: 409

PROJECT LOCATIONS:

Units 1 & 2 are located approximately 2 air miles southeast of Deary, Idaho in the Brush Creek drainage.

Units 3 & 4 are located approximately 7.5 air miles north of Deary, Idaho in the Bonami Creek drainage.

Unit 5 is located approximately 3 air miles north of Deary, Idaho in the Little Sand Creek drainage.

Units 6 & 7 are located approximately 4 air miles southeast of Bovill, Idaho in the Jackson Creek drainage.

Unit 8 is located approximately 8.5 air miles southeast of Elk River, Idaho in the Riswold Creek drainage.

Units 9 & 10 are located approximately 8 air miles southwest of Elk River, Idaho in the Three Bear Creek drainage.

AREA HISTORY:

Unit 1 – Brush Creek (LU 1A):

- 2013 – Lower Brush (DS-41-0169)
- 2010 – Riswold Ridge (TS-41-3627)
- 1999 – Corral Brush Creek (TS-4-2996)

Unit 2 – Brush Creek (LU 1B):

- 2013 – Lower Brush (DS-41-0169)
- 2010 – Riswold Ridge (TS-41-3627)
- 1999 – Corral Brush Creek (TS-4-2996)

Unit 3 – All Over Mica (LU 2):

- 2019 – All Over Mica OSR (TS-41-4154)
- 2007 – Lindley-Bonami Pole (TS-41-3386)

Unit 4 – All Over Mica (LU 1):

- 2019 – All Over Mica OSR (TS-41-4154)
- 2009 – Bonami Pole (TS-41-3798)

Unit 5 – Mica Divide (LU 1):

2019 – All Over Mica OSR (TS-41-4154)
2008 – Mica Divide (TS-41-3499)
2007 – Mica Pole (TS-41-3502)

Unit 6 – Tammy Jackson (LU 5A):

2017 – Tammy Jackson (TS-41-3994)
2008 – Ponderosa Pole (TS-413618)
1999 – Ruby Creek (TS-4-3030)

Unit 7 – Tammy Jackson (LU 5B):

2017 – Tammy Jackson (TS-41-3994)
2008 – Ponderosa Pole (TS-413618)
1999 – Ruby Creek (TS-4-3030)

Unit 8 – Riswold (LU 1):

2010 – Riswold Ridge (TS-41-3627)
2001 – West Riswold Pole (TS-41-3148)
1997 – West Fork Riswold Creek (TS-4-2827)

Unit 9 – Cold Meadow Pole (LU 1):

2016 – Cold Meadow Pole (TS-41-4184)
2014 – Long Meadow (TS-41-3921)
2002 – Long Aldermand (TS-41-3141)

Unit 10 – Cold Meadow Pole (LU 2):

2016 – Cold Meadow Pole (TS-41-4184)
2014 – Long Meadow (TS-41-3921)
2012 – Mason Face (TS-41-3717)

ACCESS:

Access to the units are by rocked main haul roads and secondary native surface roads. Depending on the condition of the secondary dirt roads, the Contractor may be required to walk or use ATV's to access some units.

SITE DESCRIPTION:

1. Soils Present: According to the USDA Soil Survey website the following soils are present within the project area:

Unit 1: Longpen-Agatha-Carlinton complex, Reggear moist-Statemeadow complex and Santa shy silt loam.

Unit 2: Longpen-Agatha-Carlinton complex and Santa ashy silt loam.

Unit 3: Boulder creek-Flewise-Secunda complex, Secunda-Secunda, moist complex, Township cool-Township cool moist complex, and Township-Rock outcrop-Township cool complex.

Unit 4: Boulder creek-Flewise-Secunda complex and Secunda-Secunda, moist complex.

Unit 5: Scand-Grandad complex, Township-Rettig complex, Township cool-Township cool moist complex and Township-Rock outcrop-Township cool complex

Unit 6: Brequito-Lado complex, Noil-Bouldercreek-Rock outcrop complex and Tomodo-Lado complex

Unit 7: Brequito-Lado complex, Tomodo-Lado complex and Brodeer dry-Mushel complex

Unit 8: Norwidge-Threebear complex, Elkridge-Riswold complex, Elkberry-Brodeer-Dworshak complex

Unit 9: Norwidge-Threebear complex, Scand-Scaler complex and Rettig-Township complex

Unit 10: Rettig-Township complex and Scaler ashy silt loam Scand-Scaler complex

2. Pathological and Entomological:

Armillaria is present in a few trees and there is some scolytus activity in standing grand fir culls. White pine blister rust is present.

3. Other Stand Data:

Unit	Aspect	Ave. Slope %	Elevation Low	Elevation High	Habitat Type	10 yr Radial Growth	Ave Age of Dominants
1	N	9	2840	2920	THPL/CLUN	0.5	15
2	NW	6	2840	2920	THPL/CLUN	0.7	18
3	N	10	3920	4680	THPL/CLUN	0.5	17
4	NW	25	3840	4120	THPL/CLUN	0.6	13
5	N	21	4000	4480	THPL/CLUN	0.7	15
6	NE	27	3560	3840	THPL/CLUN	0.6	14
7	E	14	3400	3600	THPL/CLUN	0.9	14
8	E	5	2960	3040	THPL/CLUN	0.8	15
9	E	27	2880	3200	THPL/CLUN	0.8	16
10	E	25	2520	2720	THPL/CLUN	0.6	14

TREATMENT TYPE:

Unit	Treatment	Spacing	Acres	TPA Cut*	% WP in Stand**	Species Preference
1	Thin	12 X 12	19	2,840	2	WP, CE, DF, WL, PP, LP, ES, GF, WH, AF
2	Thin	12 X 12	28	1,320	0	WP, CE, DF, WL, PP, LP, ES, GF, WH, AF
3	Thin	12 X 12	97	2,210	1	WP, CE, WL, DF, ES, PP, LP, GF, WH, AF
4	Thin	12 X 12	12	2,150	2	WP, WL, DF, ES, PP, LP, GF, CE, WH, AF
5	Thin	12 X 12	110	1,860	1	WP, CE, WL, DF, ES, PP, LP, GF, WH, AF
6	Thin	12 X 12	13	2,750	0	WP, CE, WL, DF, PP, ES, LP, GF, WH, AF
7	Thin	12 X 12	48	2,360	0	WP, CE, WL, DF, PP, ES, LP, GF, WH, AF
8	Thin	12 X 12	34	3,000	2	WP, CE, WL, DF, ES, PP, LP, GF, WH, AF
9	Thin	12 X 12	39	3,160	5	WP, CE, WL, DF, ES, PP, LP, GF, WH, AF
10	Thin	12 X 12	9	3,920	0	WP, CE, WL, DF, ES, PP, LP, GF, WH, AF

Total 409

Treatment by Type

Thin	409
Prune	0
Slash	0
Cull Removal	0
Thin & Prune	0

Species Abbreviations:

AF: subalpine fir CE: western redcedar
DF: Douglas-fir ES: Engelmann spruce
GF: grand fir LP: lodgepole pine
PP: ponderosa pine WH: western hemlock

*Trees per acre (TPA) cut are estimates only. The contractors should make their own estimates.

**Pre-treatment white pine species composition.

SPECIAL TECHNICAL SPECIFICATIONS:

A. THINNING:

1. Crop or leave trees are to be dominant or co-dominant conifers selected by the Contractor on a 12-foot by 12-foot spacing basis (average 303 trees per acre) in all units or as designated by the FIC. Spacing may vary by 4 to 5 feet in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.
 - a. The acceptable range for trees per acre is 260 to 340 for 12-foot by 12-foot spacing.
 - b. Species preference is listed in the Treatment Type table above.

2. Boundaries of units to be thinned are identified with orange ribbon and paint.
3. Pacific yew will not be cut in any of the units.
4. All dominant and co-dominant western white pine **without bole cankers** will be left to grow in units 1 -10. When leaving a white pine an additional crop tree shall be left as close as possible to the white pine. The white pine in these units shall not be tallied in the inspection reports.

HAZARD PLAN:

Any constructed hand piles shall be placed at least thirty (30) feet from any live green trees.

PERIOD OF PERFORMANCE:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the COR. The anticipated start date is June 1, 2020. **The period of performance shall end October 31, 2020. Due to the large amount of lodge pole, ponderosa and white pine, the Contractor shall not begin in Units 1, 2, and 4 until after August 15, 2020.**

INSPECTION & COMPLIANCE:

Either a 1/20th acre circular plot (26.3 feet radius horizontal distance) or a 1/50th acre circular plot (16.65 ft. radius horizontal distance) will be used for inspection. Where excessive crop trees are found to be the result of trees over 6 inches DBH which cannot be cut, the Contractor will not be penalized.

PAYMENT:

Invoices for payment will be submitted to COR. This project will be paid on a per acre basis after acceptable satisfactory completion of each of the following payment units:

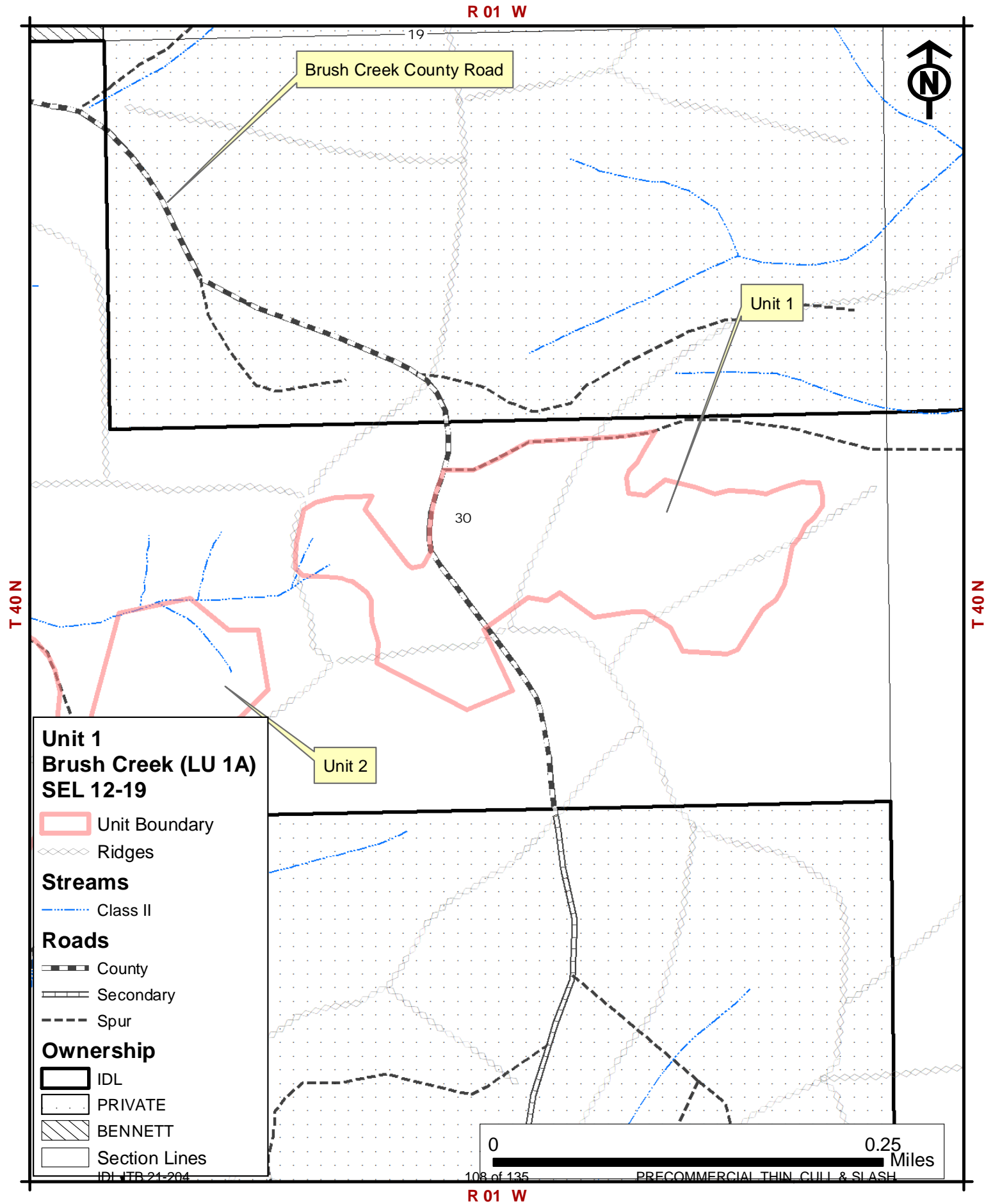
	<u># of Acres</u>	<u>Unit(s)</u>
Payment Unit A	350	3, 5-10
Payment Unit B	59	1,2, & 4

Payments will be made only when a payment unit has been completed. However, no payment will be processed prior to July 1, 2020, unless otherwise approved by the FIC.

INFORMATION:

Further information will be available by contacting the following address.

Nichol King
nking@idl.idaho.gov
Idaho Department of Lands
Ponderosa Supervisory Area
3130 Highway 3
Deary, Idaho 83823
Phone: (208) 877-1121
Fax: (208) 877-1122



Unit 1
Brush Creek (LU 1A)
SEL 12-19

Unit Boundary

Ridges

Streams

Class II

Roads

County

Secondary

Spur

Ownership

IDL

PRIVATE

BENNETT

Section Lines

IDL VTB 21-204



R 01 W

T 40 N

T 40 N



Brush Creek County Road

Unit 1

Unit 2

30

**Unit 2
Brush Creek (LU 1B)
SEL 12-19**

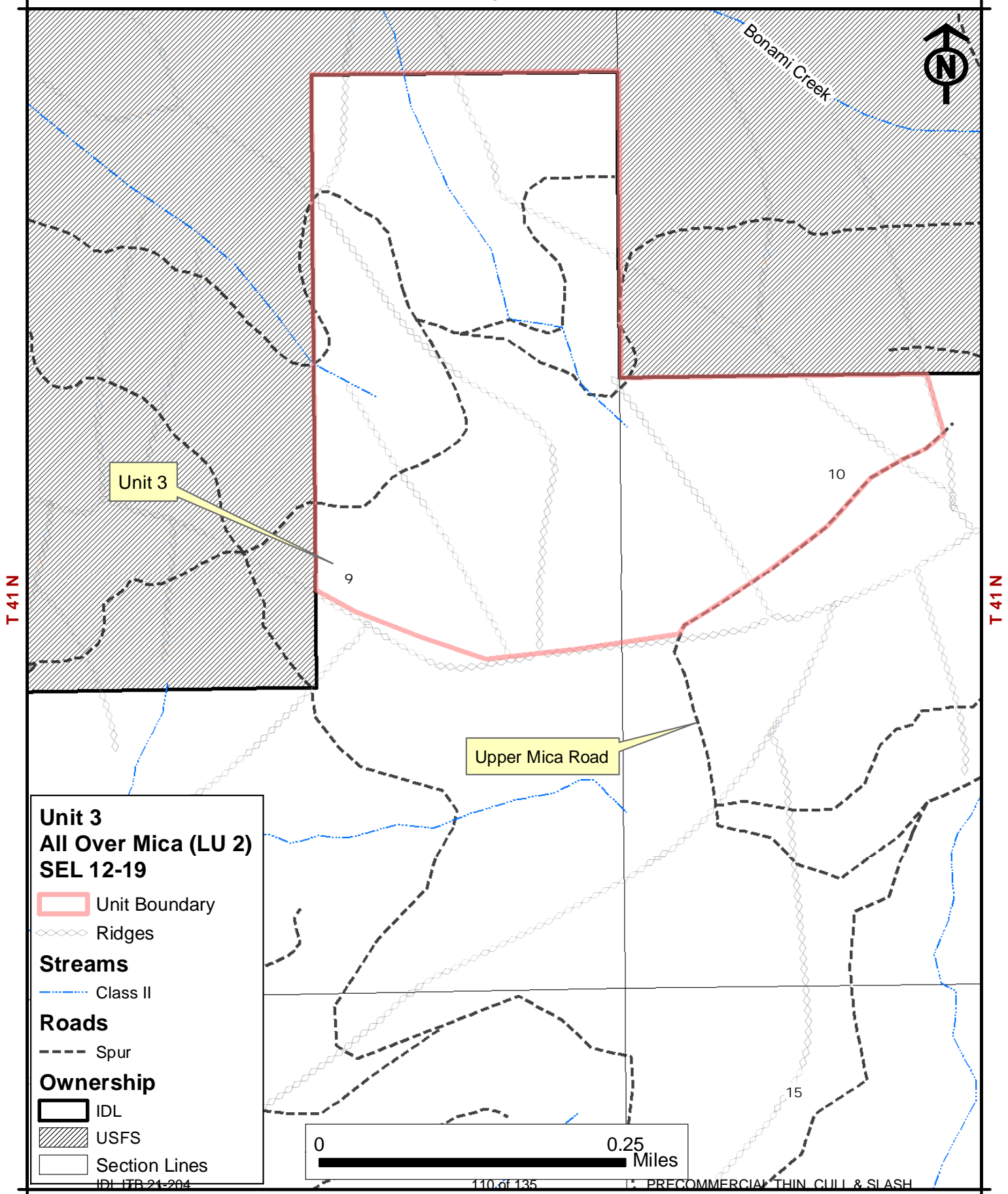
- Unit Boundary
- Ridges
- Streams**
 - Class II
- Roads**
 - County
 - Spur
- Ownership**
 - IDL
 - PRIVATE
 - BENNETT
 - Section Lines

IDL ITR 21-204



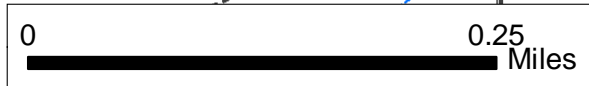
R 01 W

R 02 W

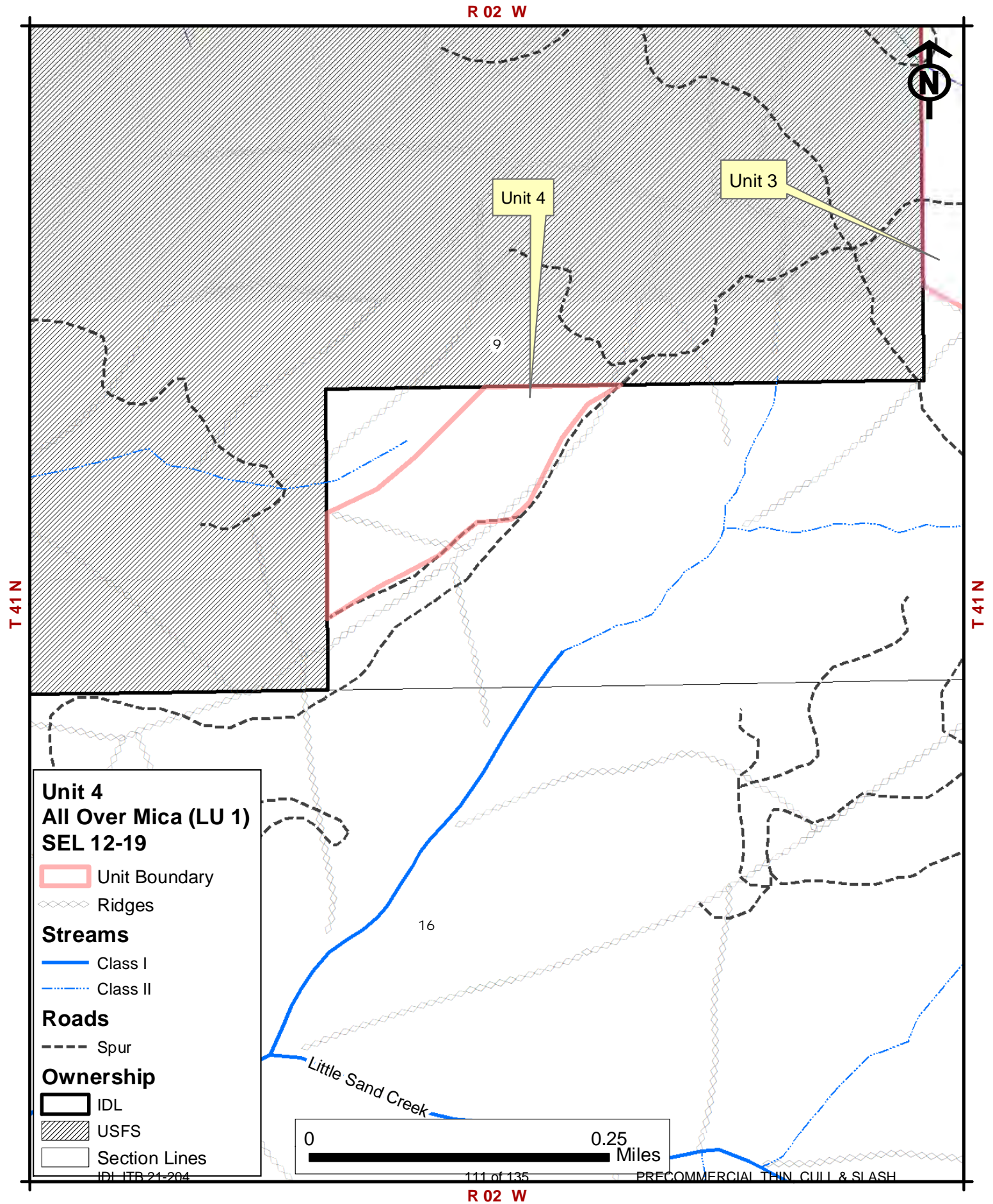


**Unit 3
All Over Mica (LU 2)
SEL 12-19**

- Unit Boundary
- Ridges
- Streams**
 - Class II
- Roads**
 - Spur
- Ownership**
 - IDL
 - USFS
 - Section Lines



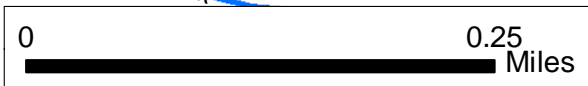
R 02 W



Unit 4
All Over Mica (LU 1)
SEL 12-19

- Unit Boundary
- Ridges
- Streams**
 - Class I
 - Class II
- Roads**
 - Spur
- Ownership**
 - IDL
 - USFS
 - Section Lines

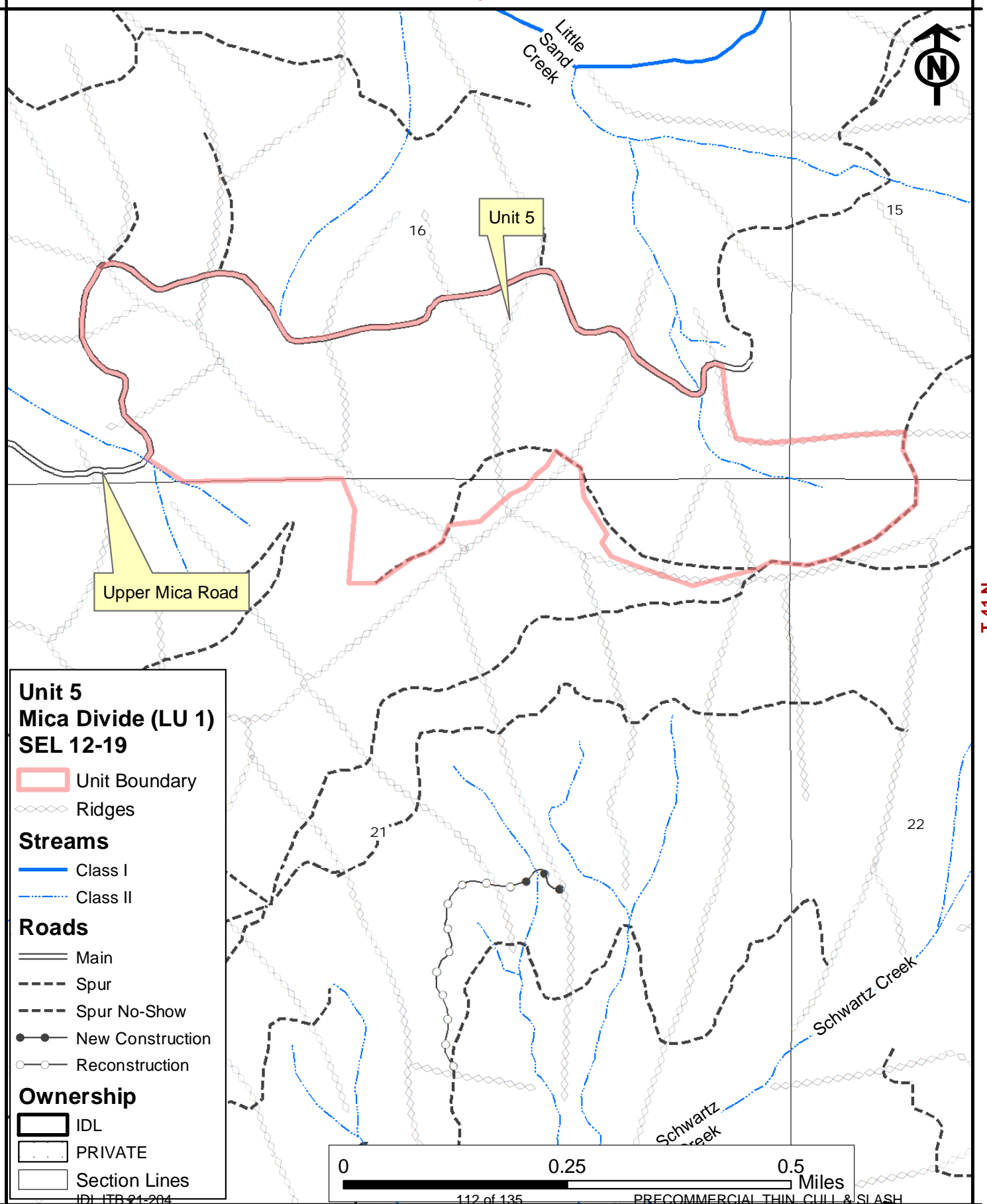
IDL ITR 21-204



R 02 W

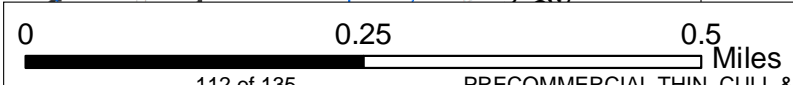
T 41 N

T 41 N

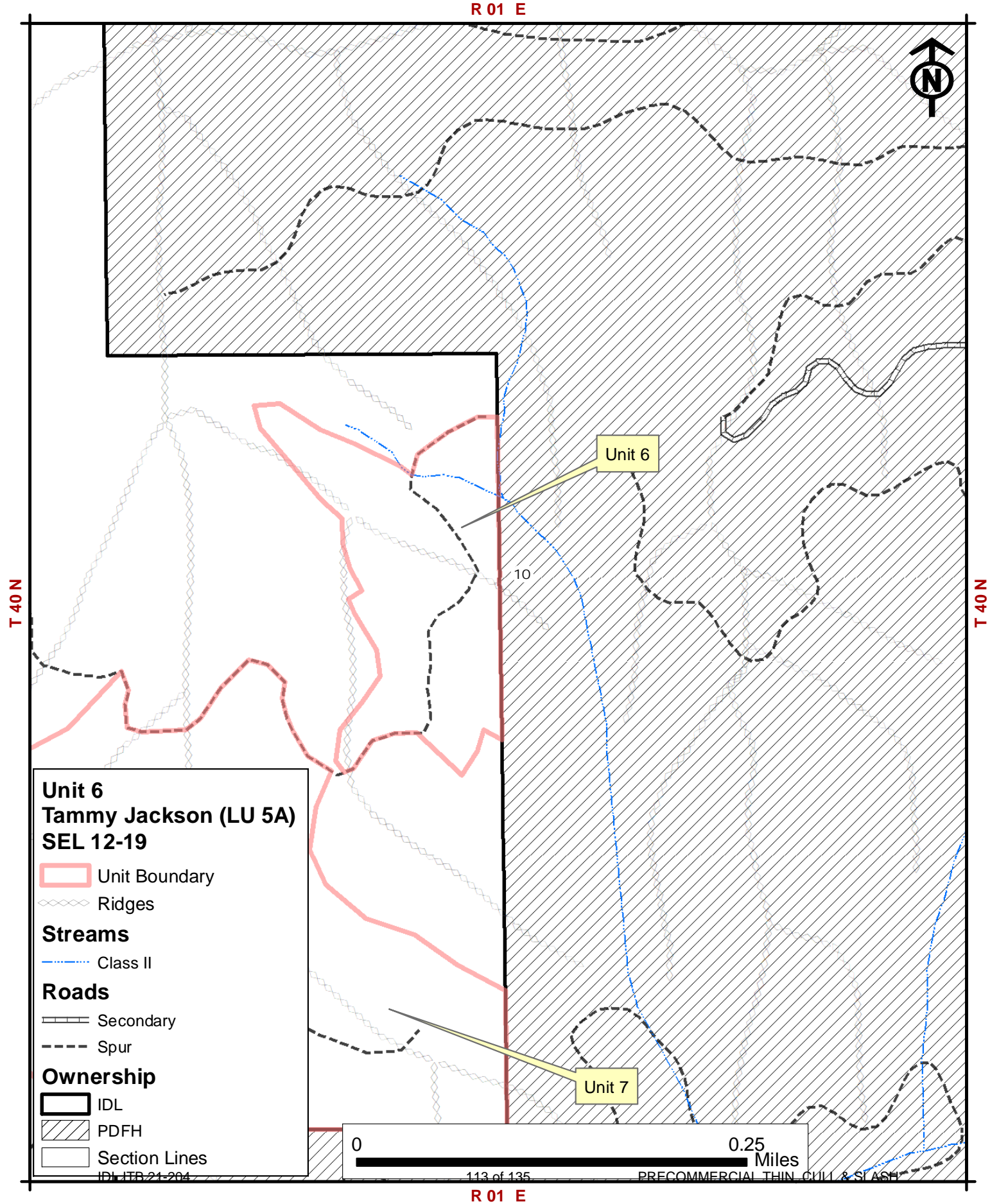


**Unit 5
Mica Divide (LU 1)
SEL 12-19**

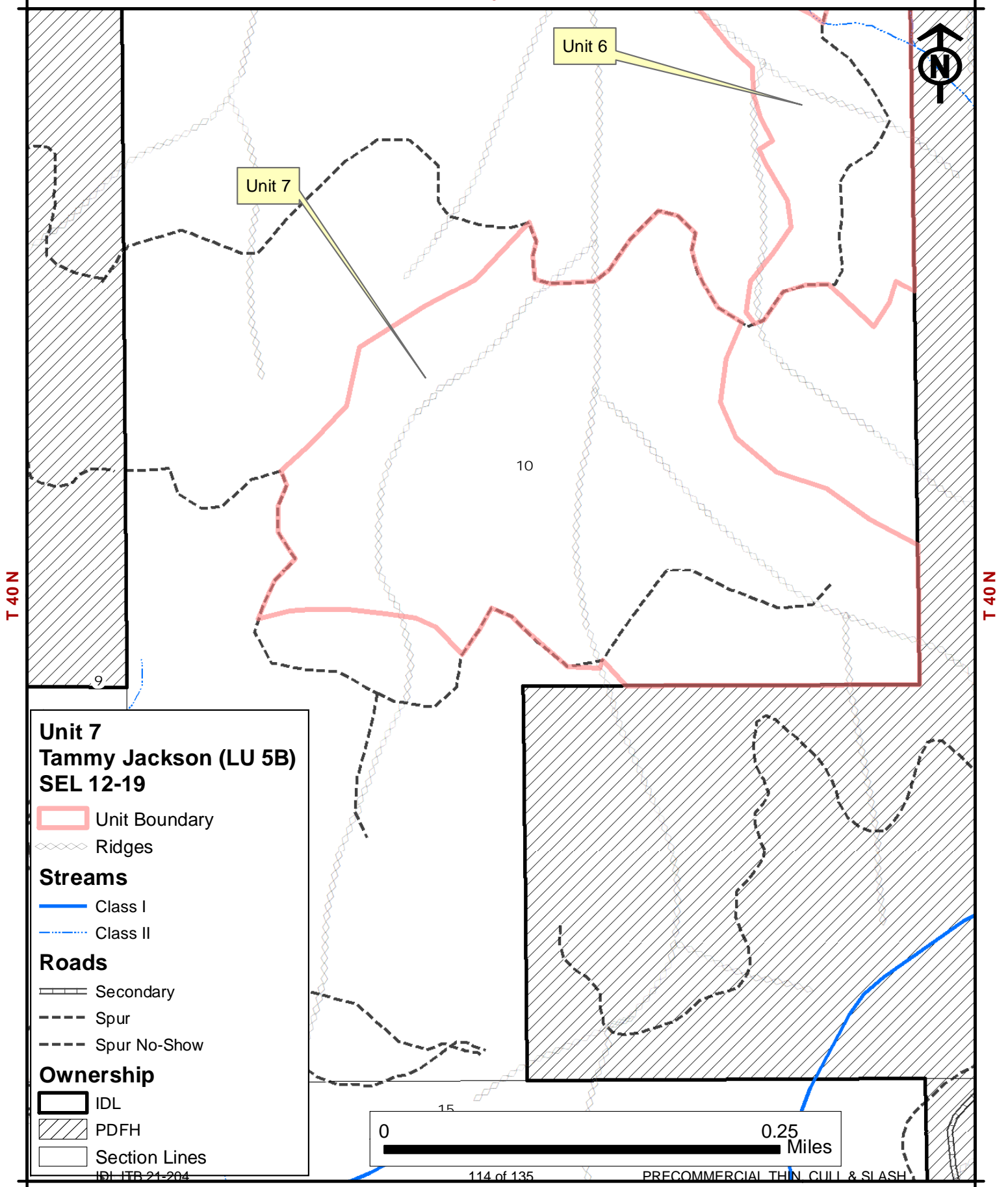
- Unit Boundary
- Ridges
- Streams**
 - Class I
 - Class II
- Roads**
 - Main
 - Spur
 - Spur No-Show
 - New Construction
 - Reconstruction
- Ownership**
 - IDL
 - PRIVATE
 - Section Lines



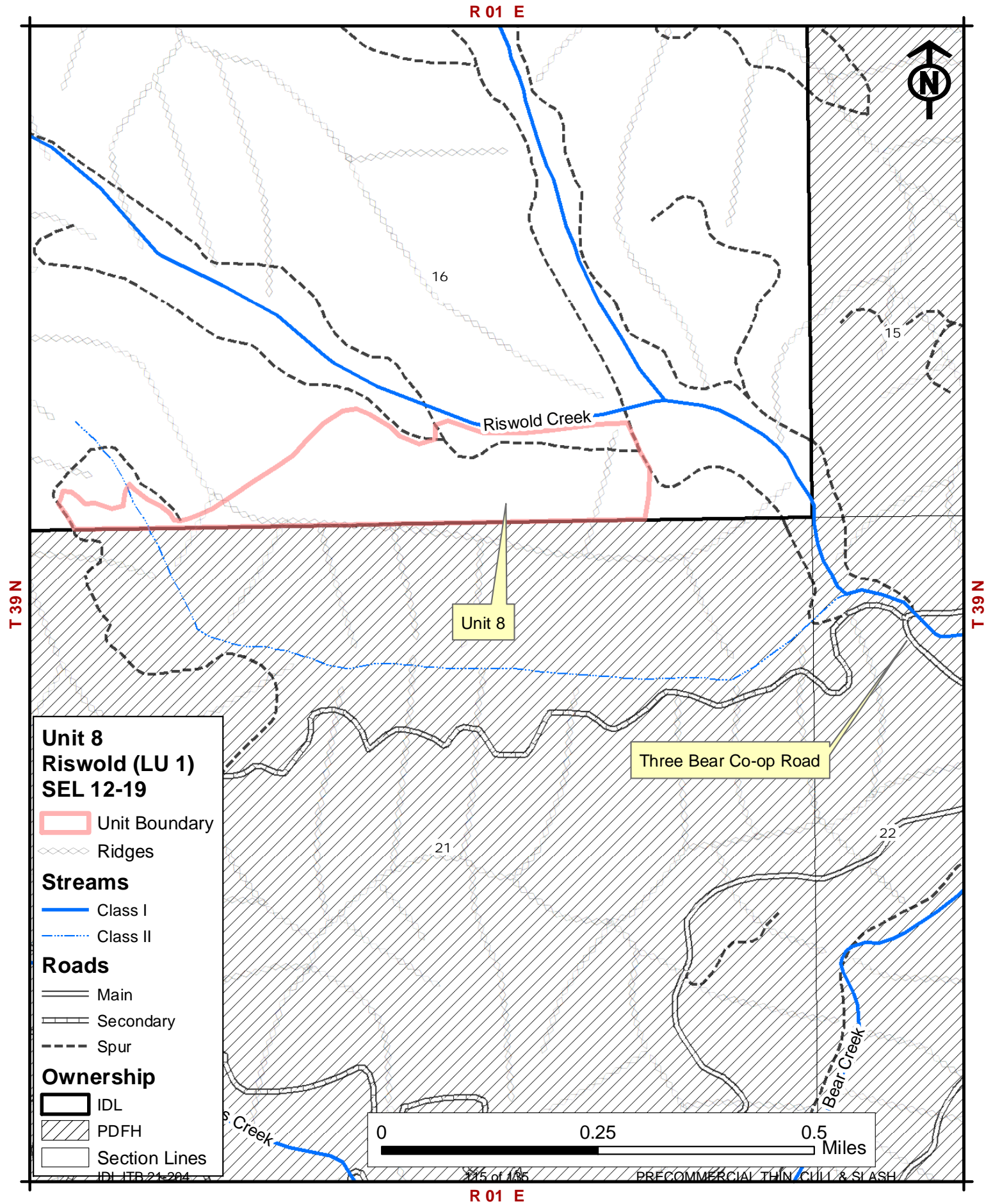
R 02 W



R 01 E

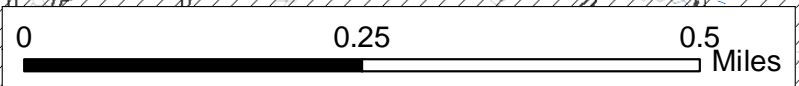


R 01 E

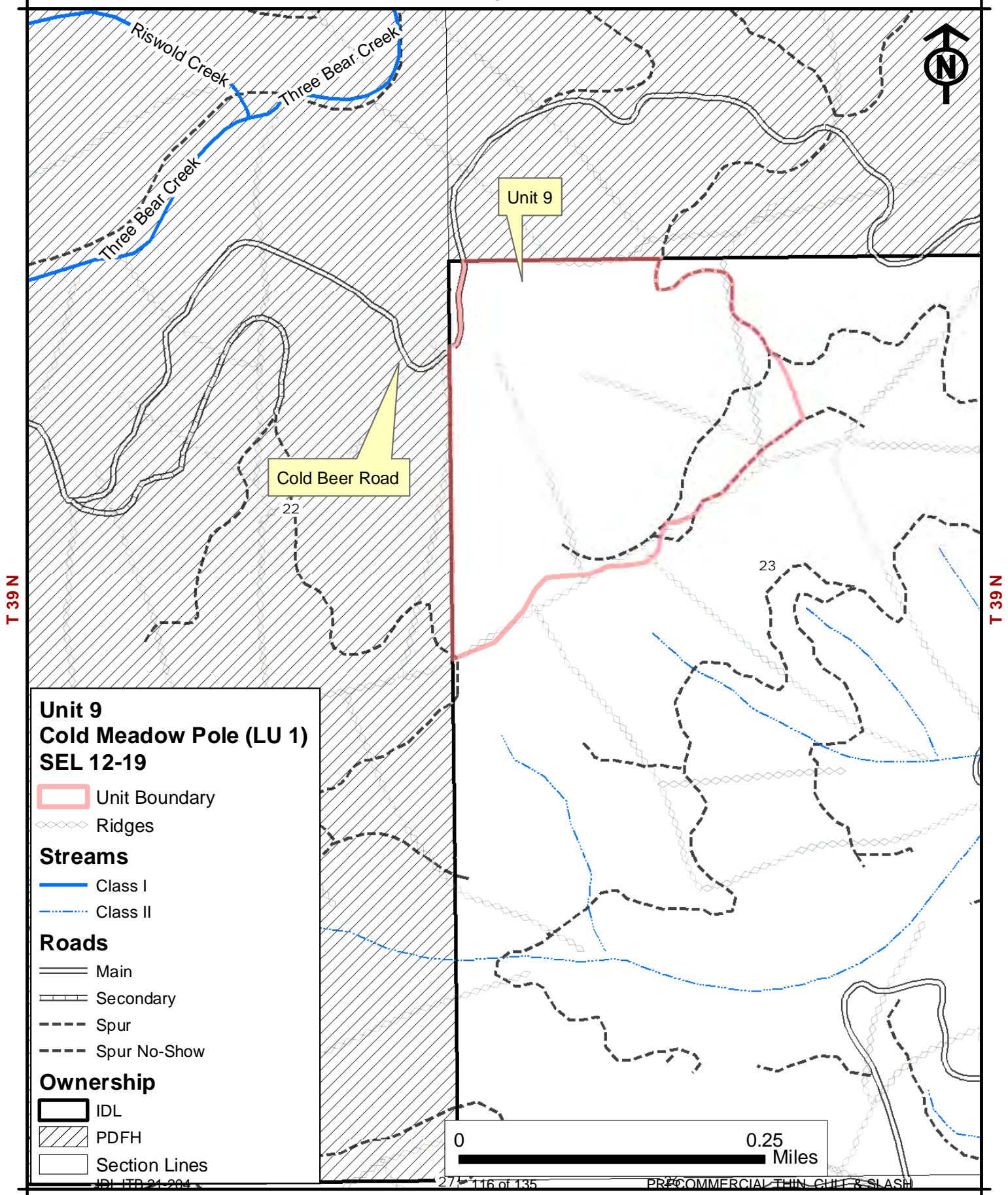


**Unit 8
Riswold (LU 1)
SEL 12-19**

- Unit Boundary
- Ridges
- Streams**
 - Class I
 - Class II
- Roads**
 - Main
 - Secondary
 - Spur
- Ownership**
 - IDL
 - PDFH
 - Section Lines



R 01 E



R 01 E

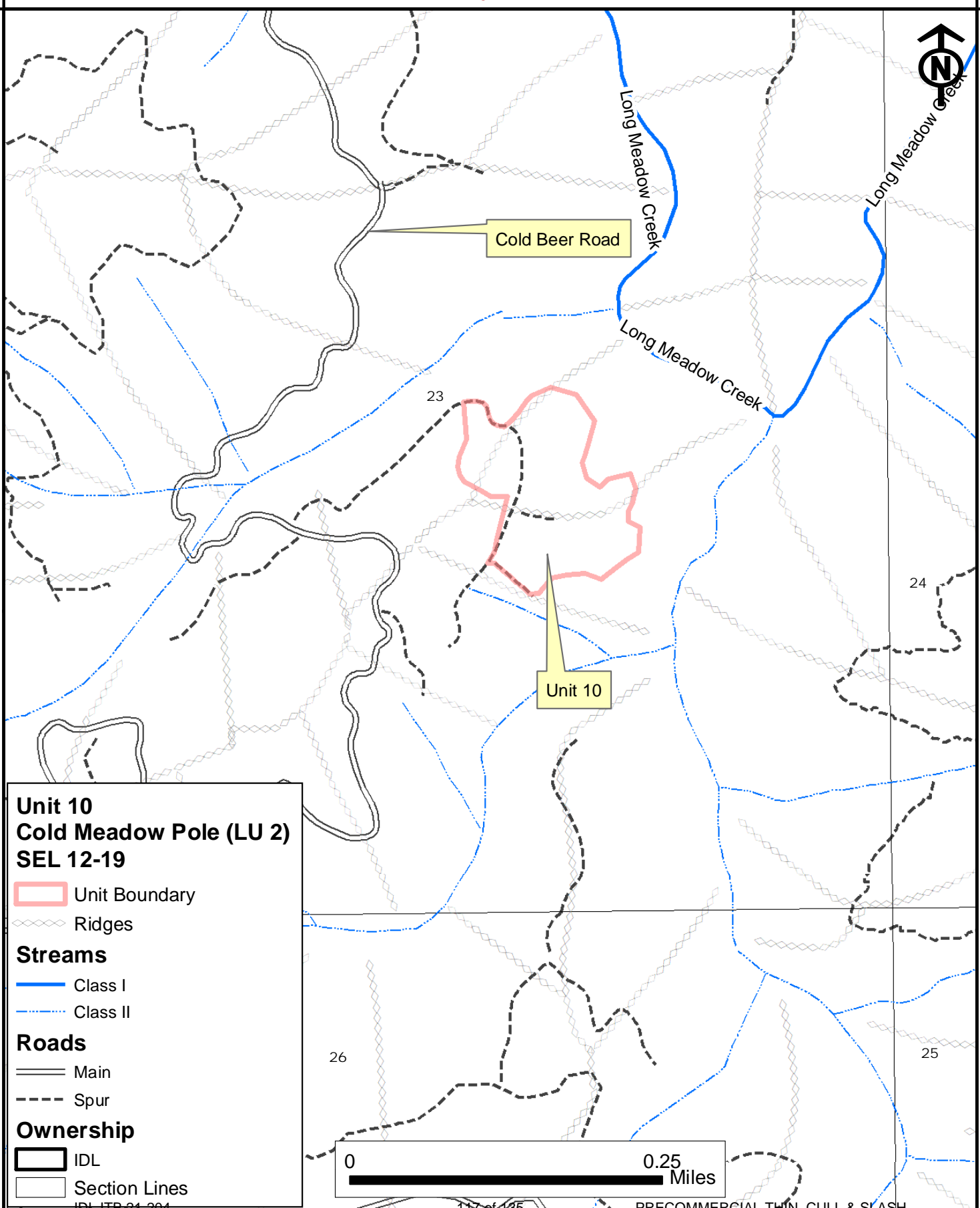
T 39 N

T 39 N

R 01 E

T 39 N

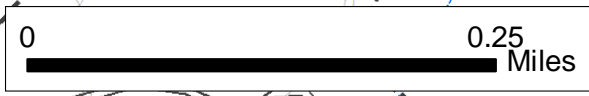
T 39 N



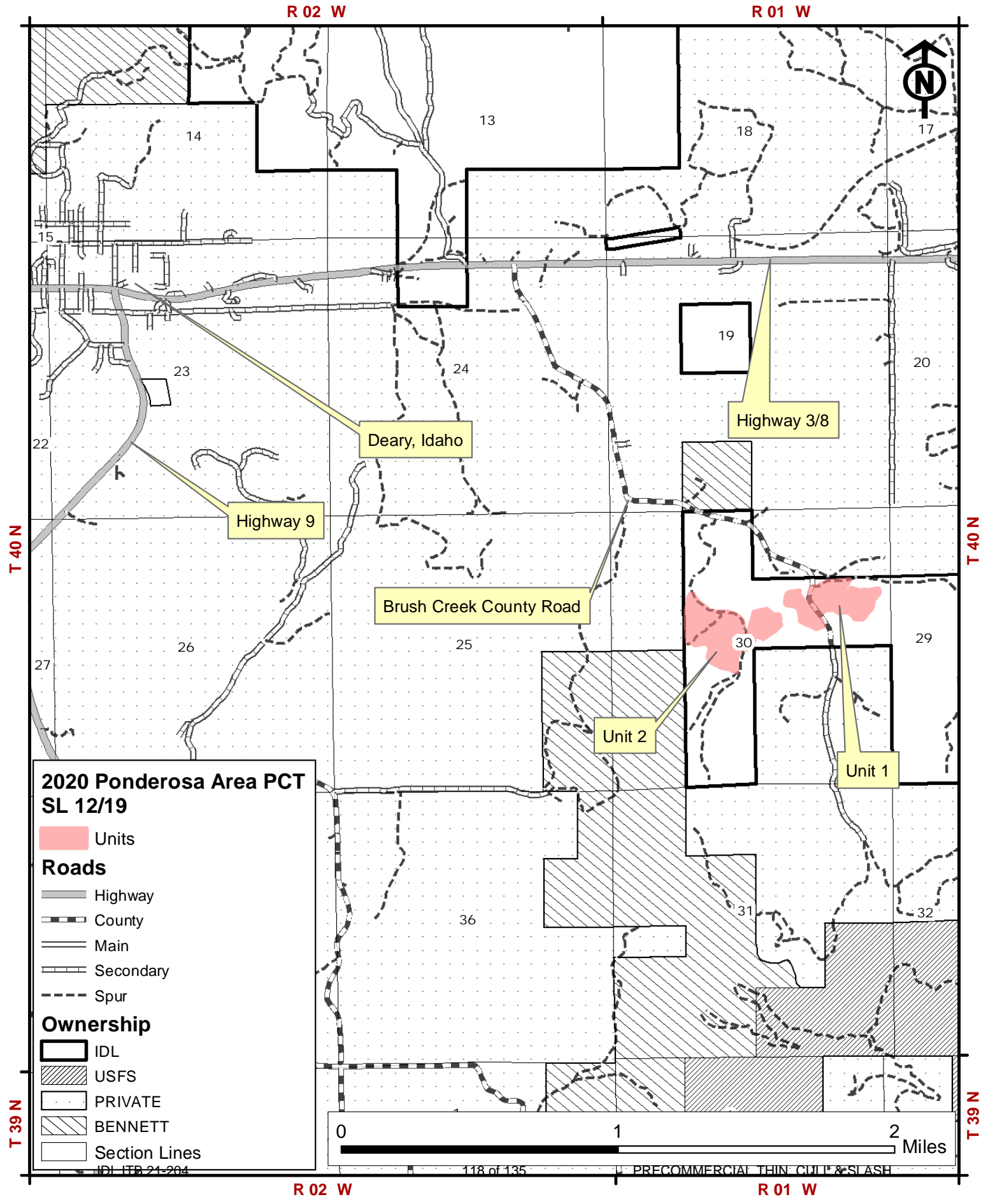
**Unit 10
Cold Meadow Pole (LU 2)
SEL 12-19**

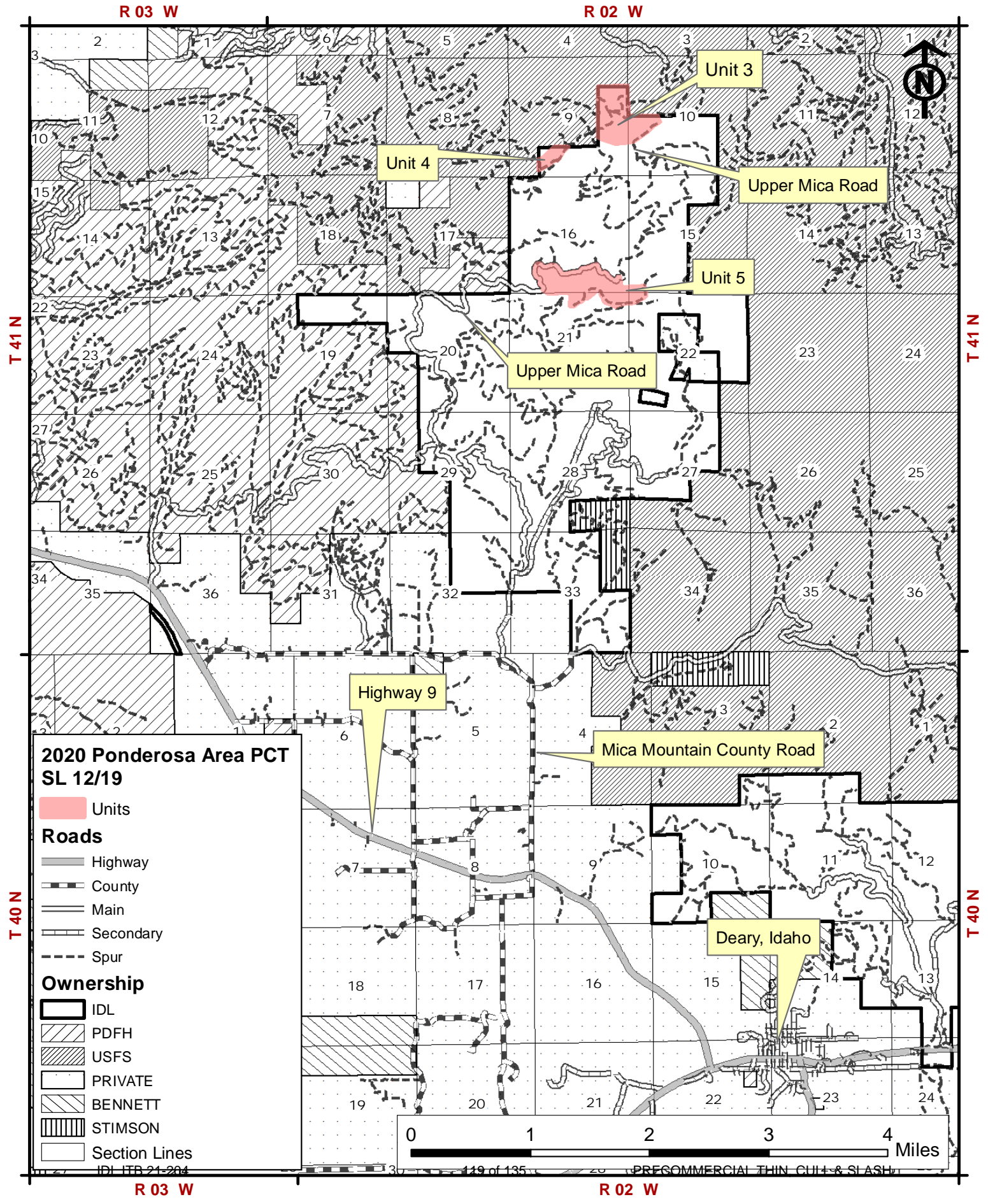
- Unit Boundary
- Ridges
- Streams**
 - Class I
 - Class II
- Roads**
 - Main
 - Spur
- Ownership**
 - IDL
 - Section Lines

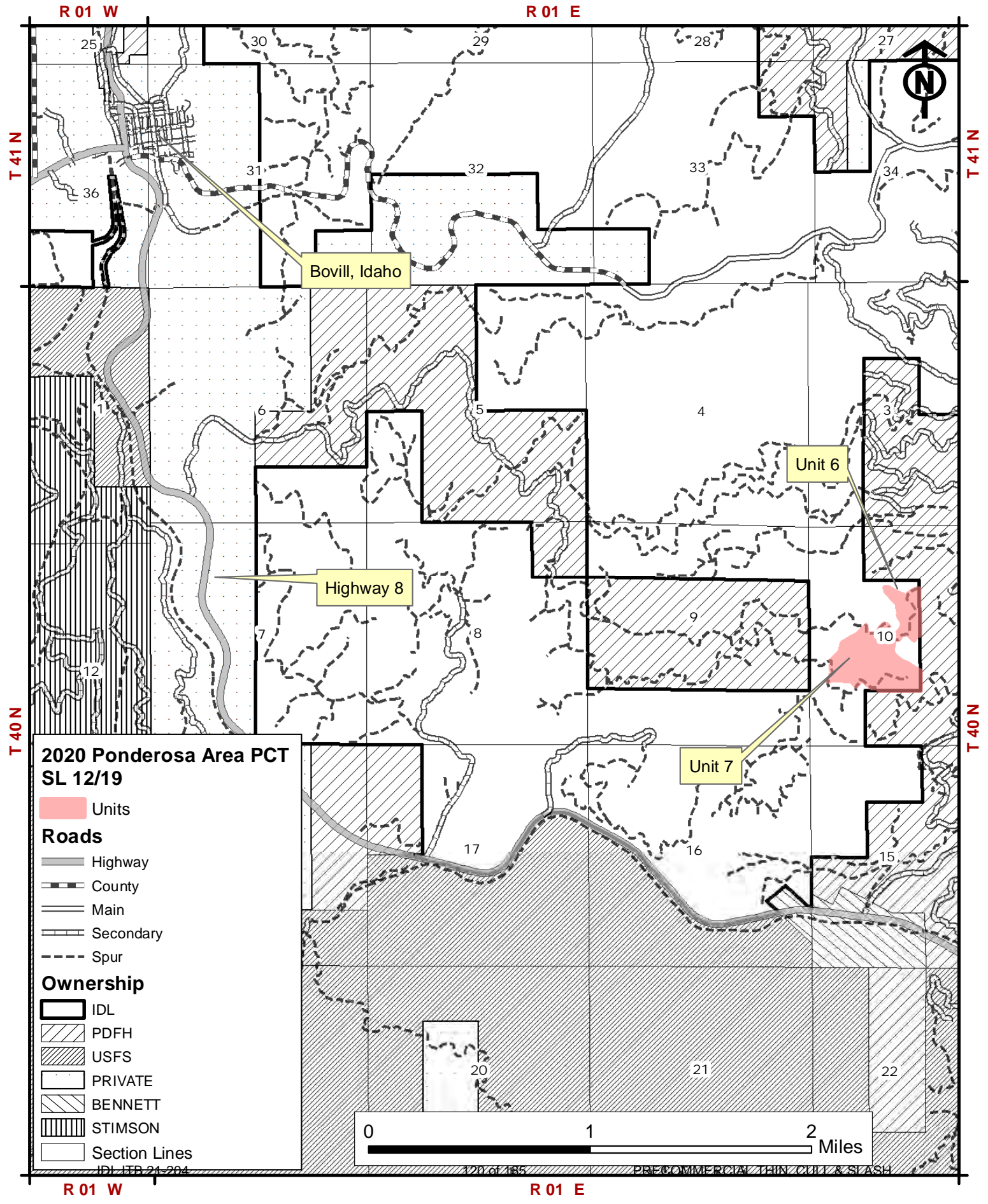
IDL ITR 21-204

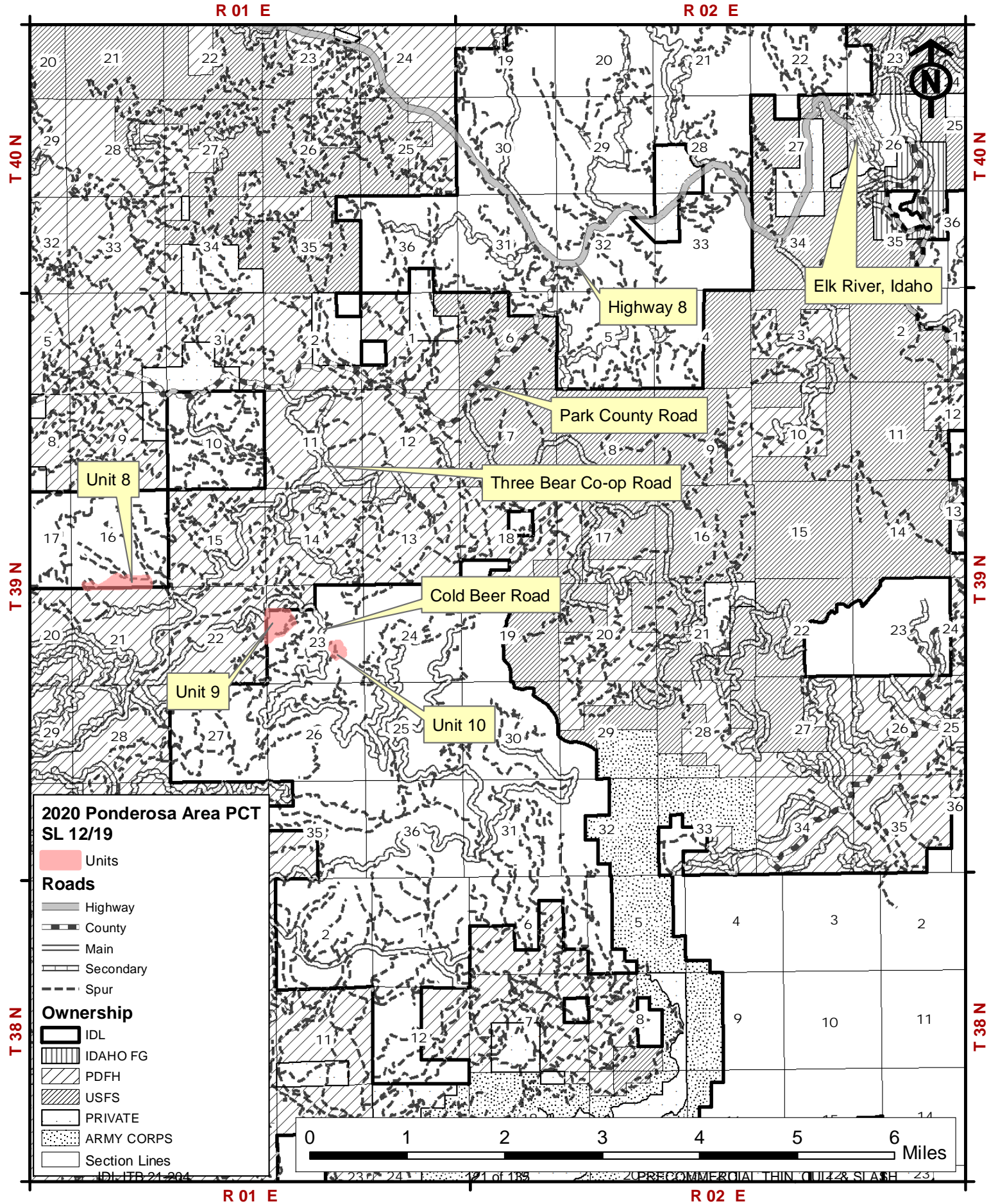


R 01 E









PROJECT DESCRIPTION

Pre-Commercial Thinning

SUPERVISORY AREA: Clearwater

PROJECT NAME: CLW PCT & CTR 2020

PROJECT NUMBER: 40-1319-112-20

PROJECT ACRES: 98

PROJECT LOCATION:

Units 1 - 3 are located within 12 miles Orofino, ID. Please see attached map(s) for locations.

All unit boundaries are marked with blue flagging.

AREA HISTORY:

Unit 1: Marsh Cemetery (CTR /40 Acres):

This area was logged several times during the 1940's and early 1950's, primarily to recover western white pine and western red cedar poles. In (2004), Marsh Cemetery (TS-40-3042) removed 3,980 MBF of mixed species with a seedtree harvest. Last harvest was with Marsh Meadow (TS-40-3901) completed in 2014 that removed some of the remaining seedtrees. This has left an understory dominated by poor quality natural regeneration (primarily suppressed GF & CE) beneath the remaining seedtrees, which are primarily WL & DF. This suppressed material will be removed along with some unmerchantable cull GF & CE > 6" that will need to be girdled or felled. This will open up the understory to give the remaining seedtrees a better chance of producing quality natural regeneration and allowing the existing seral species of established natural regeneration a chance to release.

Unit 2: Marsh Cemetery (CTR /23 Acres):

This area was logged several times during the 1940's and early 1950's, primarily to recover western white pine and western red cedar poles. In (2004), Marsh Cemetery (TS-40-3042) removed 3,980 MBF of mixed species with a seedtree harvest. Final harvest of the remaining seedtrees was with Marsh Meadow (TS-40-3901) completed in 2014. This left a more than adequate stocked stand of mixed natural regeneration that includes poor quality/suppressed GF and CE that will be removed and some unmerchantable cull GF & CE > 6" that will need to be girdled or felled.

Units 3: Marsh Cemetery (PCT/35 Acres):

This area was logged several times during the 1940's and early 1950's, primarily to recover western white pine and western red cedar poles. In (2004), Marsh Cemetery (TS-40-3042) removed 3,980 MBF of mixed species with a seedtree harvest. Final harvest of the remaining seedtrees was with Marsh Meadow (TS-40-3901) completed in 2014. This left a more than adequate stocked stand of good quality mixed natural regeneration that will be thinned to a 10' X10' spacing and some unmerchantable culls > 6" that will need to be girdled or felled.

ACCESS:

Access to the units is by rocky main haul roads and secondary native surface roads. Depending on the condition of the secondary dirt roads being too wet for vehicle use, the Contractor may be required to walk or use ATV's to access parts of the units.

SITE DESCRIPTION:

1. Soils Present: According to the USDA Soil Survey website the following soils are present within the sale area:

Marsh Cemetery: Bandmill-Grangemont and Grangemont-Kauder complexes. These are basalt soils with a moderate (7-14" thick) ash cap. Surface erosion and mass failure are both rated low.

2. Pathological and Entomological:

Some low levels of Douglas-fir root rot and evidence of WP blister rust in unit 3.

3. Other Stand Data:

Unit	Aspect	Ave. Slope %	Elevation Low	Elevation High	Habitat Type	10 yr Radial Growth	Ave Age of Dominants
1	S	20%	3200	3300	ABGR/CLUN		
2	N	20%	3200	3300	ABGR/CLUN		
3	W	20%	3200	3300	ABGR/CLUN	1.3	17

TREATMENT TYPE:

Unit	Treatment	Spacing	Acres	TPA Cut*	% WP in Stand**	Species Preference
1	CTR		40	950		
2	CTR		23	1,925		
3	THIN	10' X 10'	35	2,655	3%	WL, DF, WP, LP, PP,GF,CE

Total 98

Treatment by Type

Thin	35
Prune	0
Slash	0
Cull Removal	63
Thin & Prune	0

Species Abbreviations

AF: subalpine fir	CE: western redcedar
DF: Douglas-fir	ES: Englemann spruce
GF: grand fir	LP: lodgepole pine
PP: ponderosa pine	WH: western hemlock
WL: western larch	WP: western white pine

*Trees per acre cut are estimates only contractor should make own estimates

**Pre-treatment white pine species composition; used to estimate amount of pruning

SPECIAL TECHNICAL SPECIFICATIONS:

CULL TREE REMOVAL/CTR (Units 1 & 2):

1. All GF & CE > 2' in height and < 6" DBH will be cut.

THINNING/PCT (Unit 3):

1. Crop or leave trees are to be dominant or codominant conifers selected by the Contractor on a 10-foot by 10-foot spacing basis (average 435 trees per acre) in unit 3, or as designated by the State (Forester-in-charge). Spacing may vary by 4 to 5 feet in order to select the most desirable trees; however, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.
 - a. The acceptable range for trees per acre is 400 to 460 in unit 3.
 - b. Species preference is listed in the Treatment Type table above.
2. Tree selection must be based on tree quality. Use of species as selection criteria shall be between trees of relatively equal height and diameter. All crop trees shall be free of insect and disease.

PERIOD OF PERFORMANCE:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the FIC. Project work shall be completed by November 31, 2020.

INSPECTION & COMPLIANCE:

Either a 1/20th acre circular plot (26.3 feet radius horizontal distance) or a 1/50th acre circular plot (16.65 ft. radius horizontal distance) will be used for inspection. Where excessive crop trees are found to be the result of trees over 6 inches DBH which cannot be cut, the Contractor will not be penalized.

PAYMENT:

Invoices for payment will be submitted to COR. This project will be paid on a per acre basis after acceptable satisfactory completion of each of the following payment units:

	<u># of Acres</u>	<u>Units</u>
Payment Unit 1	98	1 - 3

Partial payment for units completed may be approved by the State (Forester-in-charge). However, no payment will be processed prior to July 1, 2020, unless otherwise approved by the State (FIC).

INFORMATION:

Further information will be available by contacting the following address:

John Farbo
jfarbo@idl.idaho.gov
Idaho Department of Lands
Clearwater Supervisory Area
10230 Hwy. 12
Orofino, Idaho 83544
Phone: (208) 476-4587

T 37 N

R 03 E

R 03 E

R 04 E

R 04 E

LEGEND

- Marsh_Cemetery_PCT & CTR_Bdry
- Roads**
 - Paved
 - Gravel
 - Improved Partial Surface
 - Secondary
 - Spur
- STREAMS**
 - Class I
 - Class II
- OWNER**
 - IDL
 - Private

JTF 11/19

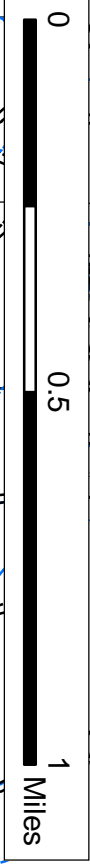
Grangemont Rd.
To Orofino

Unit 1 (CTR)
40 Acres

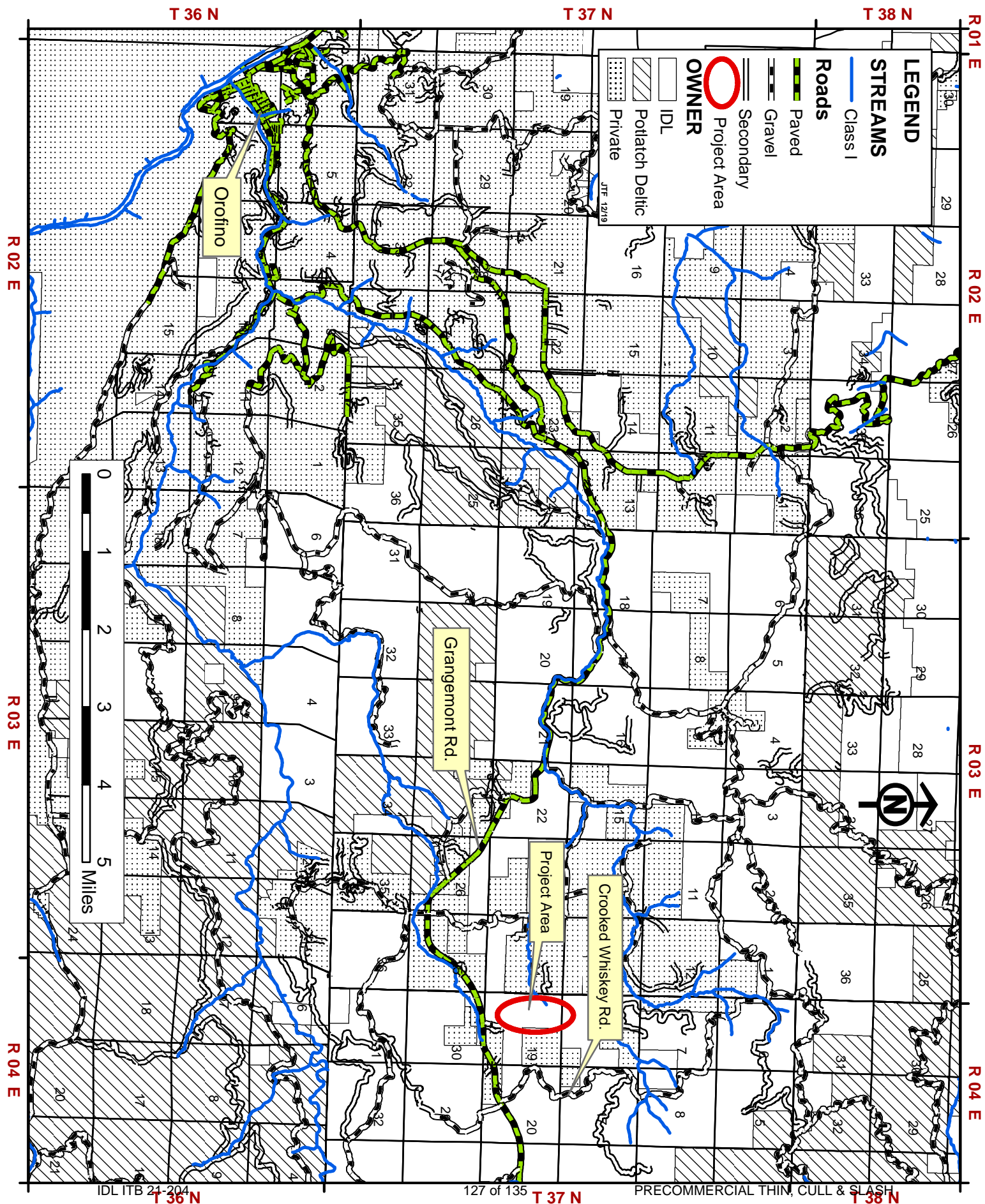
Unit 2 (CTR)
23 Acres

Unit 3 (PCT)
35 Acres

Crooked Whiskey Rd.



VICINITY MAP



PROJECT DESCRIPTION Precommercial Thinning

SUPERVISORY AREA: Maggie Creek

PROJECT NAME: The Gambler Thin

PROJECT NUMBER: 42-277-112-20

PROJECT ACRES: 301

PROJECT LOCATION:

This project is located 8.5 miles from Weippe, Idaho. Please see attached map(s) for locations.

AREA HISTORY:

Units 1 & 2 were part of the Bullwinkle OSR timber sale (TS424287) that was completed in 2018. There are many skid trails throughout the units that will not require thinning. These units were naturally regenerated, and vary in stem density significantly across the units.

Unit 3 was part of the Southern Rock timber sale (TS423473) that was completed in 2008. This Unit has since naturally regenerated alongside the semi-successful plantation that was planted in 2010.

ACCESS:

Access to the units is by rocky mainhaul roads and secondary native surface roads. Depending on the condition of the secondary dirt roads, the Contractor may be required to walk or use ATV's to access some units.

SITE DESCRIPTION:

1. Soils Present: According to the USDA Soil Survey website the following soils are present within the sale area:

Keeler- Lado Complex, Brequito Mushel Complex, Elkridge-Riswold complex, Grangemont- Kauder complex

2. Pathological and Entomological:

Armillaria is present in a few trees and there is some scolytus activity in standing grand fir culls.

3. Other Stand Data:

Unit	Aspect	Ave. Slope %	Elevation Low	Elevation High	Habitat Type	10 yr Radial Growth	Ave Age of Dominants
1	All	35	3280	3560	ABGR/ASCA	1.2	11
2	West	20	3200	3360	ABGR/ASCA	1.5	9
3	N & E	20	3240	3360	ABGR/ASCA	1.6	10

TREATMENT TYPE:

Unit	Treatment	Spacing	Acres	TPA Cut*	% WP in Stand**	Species Preference
1	Thin	14 X 14	192	1592	0%	CE, WL, DF, LP, GF, PP, WP
2	Thin	16 X 16	35	1768	0%	CE, WL, DF,PP, LP, GF, WP
3	Thin	14 X 14	74	769	4%	CE, WL, DF, GF, LP, PP, WP

Total 301

Treatment by Type

Thin	301
Prune	0
Slash	0
Cull Removal	0
Thin & Prune	0

Species Abbreviations:

AF: subalpine fir	CE: western redcedar
DF: Douglas-fir	ES: Engelmann spruce
GF: grand fir	LP: lodgepole pine
PP: ponderosa pine	WH: western hemlock
WL: western larch	WP: western white pine

*Trees per acre cut are estimates only contractor should make own estimates

**Pre-treatment white pine species composition; used to estimate amount of pruning

SPECIAL TECHNICAL SPECIFICATIONS:

A. THINNING:

1. Crop or leave trees are to be dominant or codominant conifers selected by the Contractor on the spacing specified above, or as designated by the forester-in-charge. Spacing may vary by 4 to 5 feet in order to select the most desirable trees. However, spacing control, using the original guidelines, will be maintained whenever possible. The number of trees per acre will not be materially increased or decreased.
 - a. The acceptable range for trees per acre in **units 1 & 3** is 170 to 270.
 - b. The acceptable range for trees per acre in **unit 2** is 140 to 200.
 - c. Species preference is listed in the Treatment Type table above.
2. Tree selection must be based on tree quality. Use of species as selection criteria shall be between trees of relatively equal height and diameter. All crop trees shall be free of insect and disease.

PERIOD OF PERFORMANCE:

Contract work may commence after the contractor has received a signed copy of the contract and has had a pre-work conference with the FIC. The contractor shall complete all fieldwork by October 1, 2020.

INSPECTION & COMPLIANCE:

Either a 1/20th acre circular plot (26.3 feet radius horizontal distance) or a 1/50th acre circular plot (16.65 ft. radius horizontal distance) will be used for inspection. Where excessive crop trees are found to be the result of trees over 6 inches DBH which cannot be cut, the Contractor will not be penalized.

PAYMENT:

Invoices for payment will be submitted to COR. This project will be paid on a per acre basis after acceptable satisfactory completion of each of the following payment units:

of Acres

Unit

Payment Unit 1

301

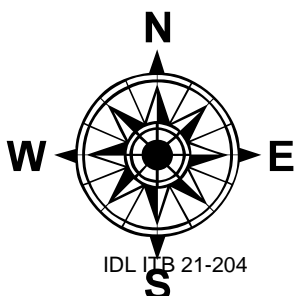
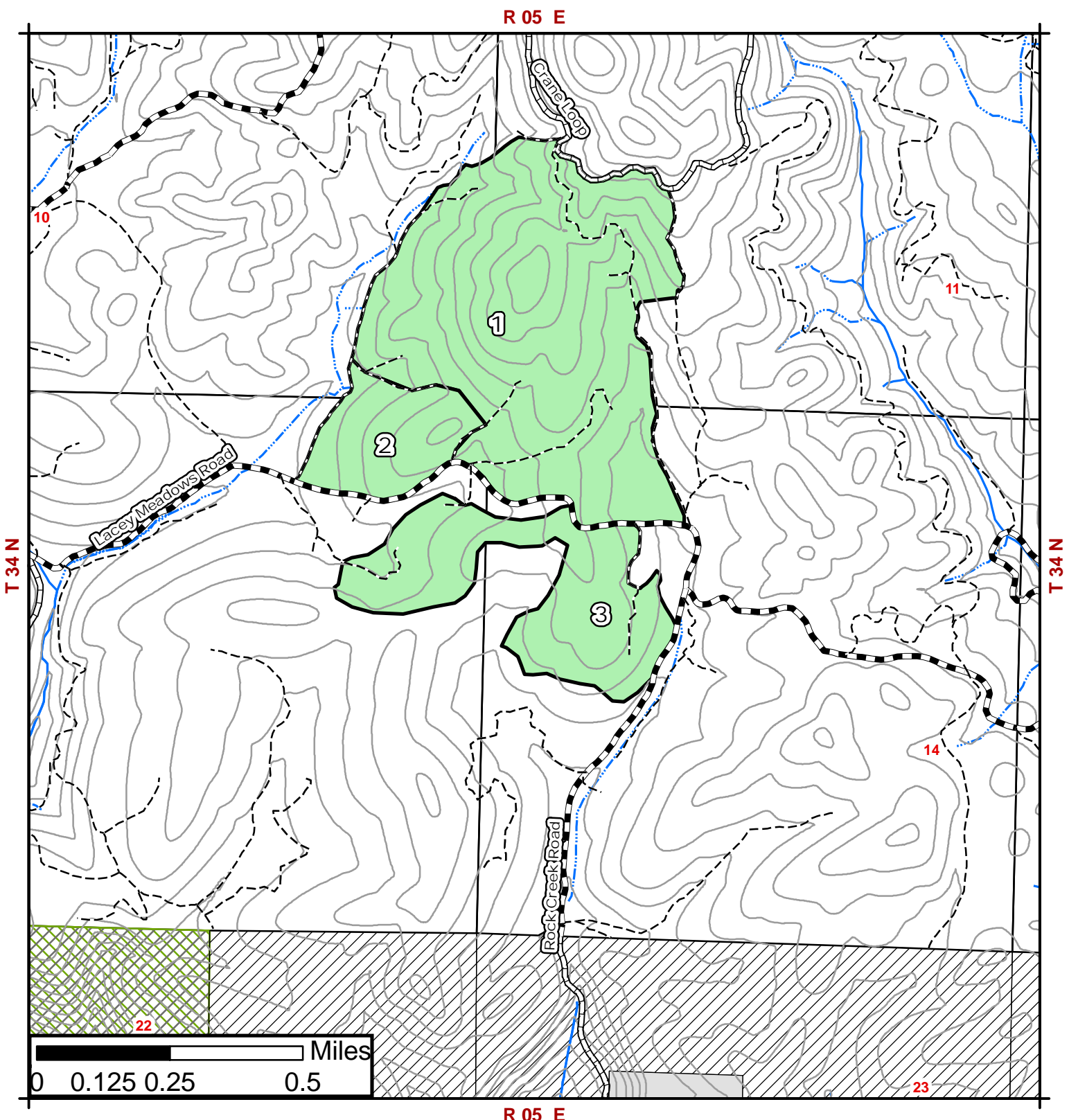
ALL

Partial payment for units completed may be approved by the FIC. However, no payment will be processed prior to July 1, 2020, unless otherwise approved by the FIC.

INFORMATION:

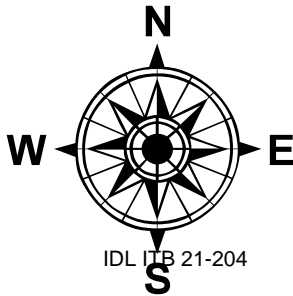
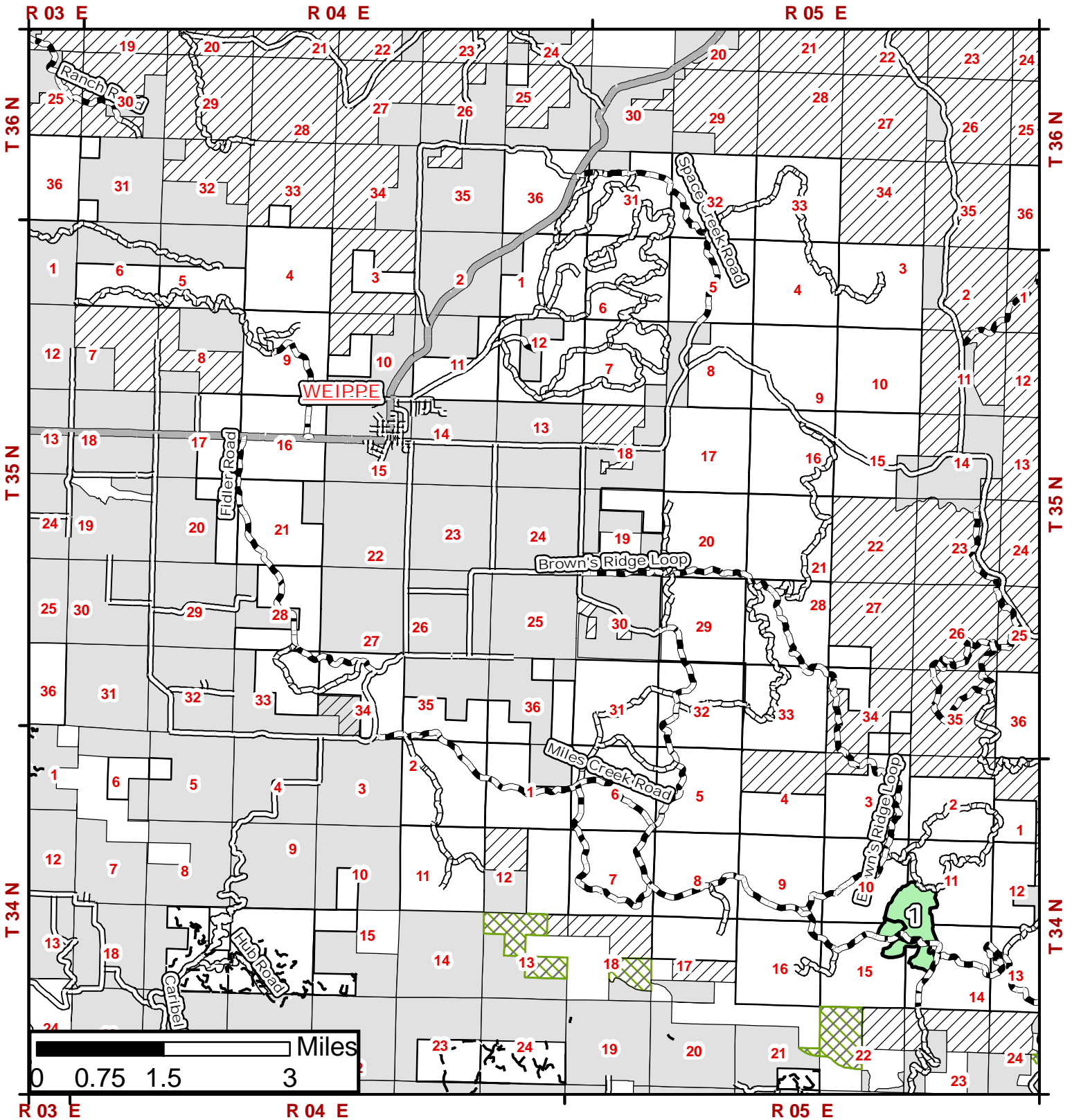
Further information will be available by contacting the following address:

Mitch Reggear
mreggear@idl.idaho.gov
Idaho Department of Lands
Maggie Creek Supervisory Area
913 3rd Street
Kamiah, Idaho 83536
Phone: (208) 935-2141



Management Area
Weippe

Legend MHR 10/19	
Thinning Units	Roads
Thin	Highway
40' Contour	Main
Streams	County
1	Secondary
PRECOMMERCIAL THIN, CULL & SLASH	Spur
	Ownership
	State
	Private
	US Forest Service
	Potlatch



Management Area
Weippe

Legend MHR 10/19		Thinning Units	Roads	Ownership	
	Thin		Highway		State
	Main		County		Private
	Secondary				US Forest Service
	Potlatch				

ATTACHMENT 4
AFFIDAVIT OF COMPLIANCE
TO BE SUBMITTED WITH FINAL INVOICE

STATE OF)
) ss.
COUNTY OF)

TO: IDAHO DEPARTMENT OF LANDS

In conjunction with contract number (21-204), project number (_____)

I, (_____), of (_____), do state that I:

- a) paid minimum wage;
- b) complied, to the best of my knowledge, with all labor laws;
- c) paid all debts incurred as a result of this contract; and
- d) relinquish any further claims against the State of Idaho under this contract, pending final payment for contract services rendered.

Affiant

Subscribed and sworn to me before this _____ day of _____ 20__.

Notary Public in and for _____

Residing at _____

My commission expires on _____

**PRECOMMERCIAL THINNING, PRUNING, CULL REMOVAL & SLASHING
ITB 21-204
ATTACHMENT 2-BIDDER QUESTIONS**

PLEASE DO NOT IDENTIFY YOUR NAME OR YOUR COMPANY'S NAME OR PRODUCT NAMES OF INTELLECTUAL PROPERTY IN YOUR QUESTIONS.

ADD ROWS BY HITTING THE TAB KEY WHILE WITHIN THE TABLE AND WITHIN THE FINAL ROW.

The following instructions must be followed when submitting questions using the question format on the following page.

1. DO NOT CHANGE THE FORMAT OR FONT. Do not bold your questions or change the color of the font.
2. Enter the solicitation section number that the question is for in the "Solicitation Section" field (column 2). If the question is a general question not related to a specific section, enter "General" in column 2. If the question is in regards to an IDL Contract Term or Condition, state the clause number in column 2. If the question is in regard to an attachment, enter the attachment identifier in column 2, and the attachment page number in column 3.
3. Do not enter text in the "Response" field (column 5). This is for the IDL's responses only.
4. Once completed, this form is to be e-mailed per the instructions in the solicitation. The e-mail subject line is to state the solicitation number followed by "Questions."

	Solicitation Section	Page #	Question	Response
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				