

State of Alaska  
Department of Natural Resources  
Division of Forestry  
*Southeast Area*



**Draft Forest Land Use Plan  
Coffman Cove  
SSE 1336-K**

**December, 2016**

# Table of Contents

1

I. Introduction.....	4
A. Legal description .....	5
B. Operational Period.....	5
C. Timber Disposal .....	5
D. Objectives and Summary.....	5
II. Affected Land Owners/Jurisdictions .....	6
A. State.....	6
B. Other Land Ownership .....	6
III. Harvest Methods, Silvicultural Actions, and Management of Non-timber Resources .....	6
A. Timber Stand Description and History .....	6
B. Timber Harvest Activities .....	7
C. Site Preparation .....	7
D. Reforestation: .....	7
E. Slash Abatement.....	8
F. Timber Harvest—Surface Water Protection:.....	9
G. Wildlife Habitat:.....	9
H. Cultural and Historical Resource Protection: .....	10
I. Other Resources Affected by Timber Harvest and Management.....	10
IV. Roads and Crossing Structures.....	10
A. Road Design, Construction, and Maintenance:.....	10
B. Side Slopes / Mass Wasting: .....	12
C. Crossing Structures:.....	13
D. Road Closure: .....	15
E. Material Extraction: .....	15
F. Other Resources Affected by-Roads or Material Extraction: .....	16
V. Approvals .....	17

Appendix A: Coffman Cove Timber Sale Maps ..... 18  
Appendix B: Supporting Information..... 19  
Appendix C: ..... 20  
Appendix D: Appeal Statues and Regulations ..... 21  
Appendix E: Public Comment..... 22

## I. Introduction

Project File Number: SSE-1336-K

Division of Forestry Office: Southeast  
Area Forester: Greg Staunton  
Forest Practices Geographic Region (AS 41.17.950): Region I

This Forest Land Use Plan (FLUP) covers proposed forest operations on approximately 430 acres of state lands on Prince of Wales (POW) Island, approximately one (1) mile south of the City of Coffman Cove. It is intended to provide the best available information regarding the proposed harvest of timber, and management of other non-timber uses in compliance with AS 38.05.112 and AS 41.17.060. The FLUP must be adopted by the Department of Natural Resources (DNR) before the proposed activity can occur.

This FLUP does not determine whether or not to access and sell timber within the timber sale area, nor the method of sale. Those decisions have been made previously in the August 31, 2016 Best Interest Finding and are not appealable under this FLUP.

The Final Best Interest Finding (BIF) and decision for the Coffman Cove Timber Sale may be found at: <https://aws.state.ak.us/OnlinePublicNotices/Notices/View.aspx?id=182689>.

A request was made to the Commissioner of Natural Resources to reconsider the BIF on September 20, 2016. The Commissioner did not grant the reconsideration request; approval of the best interest finding became final agency action as of September 30, 2016.

[ X ] This Draft Forest Land Use Plan is for a Coffman Cove Timber Sale, SSE 1336-K which has been determined to be in the best interest of the state pursuant to AS 38.05.035 (e) and 38.05.945.

[ ] This Draft Forest Land Use Plan is for timber sale(s) for which a Preliminary Best Interest Finding is currently out for review. A final best interest finding must be completed prior to adoptions of a final FLUP pursuant to AS 38.05.035 (e) and 38.05.945;

[ ] This Draft Forest Land Use Plan is for timber to be harvested that does not require a final finding pursuant to 38.05.035 (e) and notification under 38.05.945.

A draft of this FLUP was distributed to the Department of Fish & Game (ADF&G) and the Department of Environmental Conservation (DEC) for their review and comments relevant to the consistency of this proposed project with the statutes governing forest land use plans (AS 38.05.112) and the requirements of the Alaska Forest Resources & Practices Act (AS 41.17) and its regulations (11 AAC 95).

The public and agencies are invited to comment on specific requirements for harvest, access, and reforestation operations in this draft FLUP. The decision on whether or not to offer timber for sale is made through the best interest finding process, and is not subject to review under the FLUP. Objections or comments pertaining to the draft FLUP must be received in writing to the DOF Southeast Area Forester's Office by **January 9, 2017** in order to ensure consideration for review. Comments should be mailed to the State of Alaska, Division of Forestry, 2417 Tongass

Avenue, Suite 213, Ketchikan, AK 99901 or by email to greg.staunton@alaska.gov. For more information, you may contact Greg Staunton, Southeast Area Forester, 907-225-3070. To be eligible to appeal the final decision, a person must have provided written comment by midnight of **January 9, 2017 in order for their comments to be considered during preparation of the final FLUP.**

Other Documents are referenced in this FLUP. This timber sale is designed to be consistent with the management intent of the following documents:

Alaska Forest Resources & Practices Act and Regulations (FRPA)

Southeast State Forest Management Plan

Prince of Wales Island Area Plan

The administrative record for this sale is maintained at the Division of Forestry's Southeast Office filed as SSE-1336-K.

### ***A. Legal description***

The timber sale area is found within sections 1, 2, 3, 4, 9, 10, 11, and 12 of T 68 S, R 81 E and Section 7 of T 68 S R 82 E, Copper River Meridian. The sale area is found within the Petersburg A-3 and Craig D-3 USGS quadrangle maps. See attached map titled Appendix A, SSE-1336-K Coffman Cove Timber Sale Area Map.

### ***B. Operational Period***

**Estimated Start Date: January, 2017**

**Estimated Completion: Three years or less from the start date.**

### ***C. Timber Disposal***

Timber will be sold and will have a contract administrated by the State

Timber will be available to the public; permits obtained by the public will be issued by the State.

Other

### ***D. Objectives and Summary***

The management objectives for the proposed timber sales are:

1. To follow the Alaska Department of Natural Resources' (ADNR) constitutional mandate to encourage the development of the State's renewable resources, making them available for maximum use consistent with the public interest,
2. To help the State's economy by providing royalties to the State in the form of Stumpage receipts, an infusion to the State's economy through wages, purchases, jobs, and business, and
3. To help the local economy of the communities within southern Southeast Alaska by creating additional jobs in Southeast Alaska due to the combination of road building, logging, trucking and potentially milling.

## II. Affected Land Owners/Jurisdictions

Activity on ownership:	Access Easement	Harvest	Written Representative Approval
<b>A. State</b>			
<input checked="" type="checkbox"/> Southeast State Forest	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Other state land managed by DNR (GU)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> University of Alaska	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Mental Health Trust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> School Trust	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>B. Other Land Ownership</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Land Owner: \_\_\_\_\_

Land Owner Representative: \_\_\_\_\_

## III. Harvest Methods, Silvicultural Actions, and Management of Non-timber Resources

Forest operations will be designed to:

- Protect fish habitat and water quality in compliance with the best management practices in 11 AAC 95.260-.370,
- Manage for the other land uses and activities identified in AS 41.17.060 and the Best Interest Finding for this timber sale, and
- Ensure prompt reforestation and maintenance of site productivity in compliance with AS 41.17.060(c) and 11 AAC 95 .375-.390.

Harvest and Silvicultural Methods:

The silvicultural actions are described in the BIF, and no additional prescription was written or is necessary.

A silvicultural prescription has been written and is attached to this document in Appendix B

### A. Timber Stand Description and History

The proposed harvest area has the characteristics of mature old growth and occasional commercial second growth. The stands are dominated by a red cedar-based timber type. The timber identified is generally short. Both old growth and second growth are composed of western red cedar, western hemlock, Sitka spruce and occasional yellow cedar. The second growth in the identified harvest units is generally at the edges of the units and incidental to the old growth harvest. Second growth forests adjacent to the proposed harvest area exhibit indications of productive site conditions and are between 15 and 60 years old. Some of the bordering areas have evidence of selective harvest and occasional blow down.

## ***B. Timber Harvest Activities***

Timber Harvest Activities are displayed in Table 1.

**Table 1. Timber Harvest Activities**

<b>Unit ID</b>	<b>Acres</b>	<b>Topography</b>	<b>Silvicultural Action</b>	<b>Logging Method</b>
1	48	Irregular Complex Slopes	Clear-cut	Shovel (½)and high lead
2	28	Irregular Complex Slopes	Clear-cut	Shovel
7	30	Irregular Complex Slopes	Patch cut/ selective	Shovel
8	85	Irregular Complex Slopes	Clear-cut	Shovel
9	23	Irregular Complex Slopes	Clear-cut	Shovel
11	57	Irregular Complex Slopes	Clear-cut	Shovel
16	93	Irregular Complex Slopes	Clear-cut	Shovel
17	51	Irregular Complex Slopes	Clear-cut	Shovel
18	15	Irregular Complex Slopes	Clear-cut	Shovel
Total	430			

## ***C. Site Preparation***

Site preparation will not be necessary. There is either sufficient residual stocking, or because there will be sufficient soil disturbance by logging to forego scarification.

Site preparation will be implemented and described in Table 2:

**Table 2. Site Preparation**

<b>Unit</b>	<b>Acres</b>	<b>Site Preparation Method</b>	<b>Date of Completion</b>
All Units	430	Disturbance by harvest yarding.	End of harvest activity.

## ***D. Reforestation:***

Clear-cut with natural regeneration.

Partial Harvest:

Region I: leaving more than 50% live basal area (11 AAC 95(b)(3))

Region II/III: Relying on residual trees to result in a stocking level that meets standards of 11 AAC 95.375 (b 4). Stocking levels will be calculated subject to the methods below:

**Table 3. Stocking Level Requirements**

Average DBH (Diameter at breast height)	Residual Trees (Trees / acre)	Minimum Stocking Standard(Trees/ acre)	Percent Stocking
> 9"		120	%
6" to 8"		170	%
1" to 5"		200	%
Total Residual Stocking			%

Seedlings Required:

Percentage Under stocked = 100 – Total Residual Stocking %

Percentage Under stocked = 100 – \_\_\_\_\_% = \_\_\_\_\_%

Seedlings/ Acre Required = Percentage Understocked/100 x 450

Seedlings/ Acre Required = \_\_\_\_\_% /100 x 450 = \_\_\_\_\_

Natural regeneration

List species: western hemlock, Sitka spruce, western red cedar, Alaska yellow cedar

Coppice

List species:

Artificial regeneration

Seeding-source of seed (general vicinity location of seed source)

\_\_\_\_\_

Planting: Date of proposed planting: \_\_\_\_\_

Source of seedlings (location of seed source): \_\_

**E. Slash Abatement**

Potential for insect infestations caused by slash accumulations exists. Slash abatement for controlling infestations will be implemented as required by 11AAC 95.370.

Lop and scatter slash; accumulations will be kept to less than 2 feet in height.

Slash will be disposed of by the operator  Slash will be disposed by the State

Other - method of slash disposal:  removal off site  crushing or grinding  burning

Burn permits necessary from DOF and DEC to be acquired.

The operator will contact the Division of Forestry local area office prior to ignition of debris.

**F. Timber Harvest—Surface Water Protection:**

- There are no streams or lakes abutting or within a harvest unit.
- Known surface waters and protection measures are described in Table 4 below.  
*Locations are included in the operational maps in the Appendices*

**Table 4. Protection for Known Surface Waters**

Unit	Waterbody Name	AS 41.17.950 Classification	ADF&G AWC #	Required Riparian Protection	Site-specific actions to minimize impacts on riparian area
1	unnamed	Surface/ water quality	none	none	
1	unnamed	Surface/ water quality	none	none	
7	unnamed	Surface/ water quality	none	none	
8	unnamed	Surface/ water quality	none	none	
8	unnamed	Surface/ water quality	none	none	
8	unnamed	Anadromous	106-30-10150	100 foot retention	FRPA BMPs
9	unnamed	Surface/ water quality	none	none	
11	Coffman Creek	Anadromous	106-30-10160	100 foot no entry	FRPA BMPs
16	unnamed	Surface/ water quality	none	none	
16	unnamed	Surface/ water quality	none	none	
16	Sweetwater Lake	Anadromous	106-30-10670-2004-0020	300 foot no entry	FRPA BMPs

FRPA-BMP= Forest Resources and Practices Act- Best Management Practices

Surface waters listed above were reviewed by the Department of Fish and Game:

- During the timber sale planning process
- During the agency review conducted for the Best Interest Finding for this sale
- During the drafting of this Forest Land Use Plan
- Stream Crossings (Title 16) Permits are needed per ADF&G Division of Habitat

Surface waters listed above were reviewed by the Department of Environmental Conservation:

- During the timber sale planning process
- During the agency review conducted for the Best Interest Finding for this sale
- During the drafting of this Forest Land Use Plan

Non-classified surface waters are subject to applicable BMPs in 11 AAC 95.

**G. Wildlife Habitat:**

- Wildlife species and allowances for their important habitats were addressed in writing by the Department of Fish & Game during the Best Interest Finding review.

Wildlife species and allowances for their important habitats were addressed in writing by the Department of Fish & Game during the drafting of this Forest Land Use Plan.

Silvicultural practices to be applied to minimize impacts to wildlife habitat or wildlife management:

Timber retention - concentrations of timber surrounding harvest units, or interspersed within harvest units to provide cover.

Snag Retention- snags or isolated trees left for cavity nesting species.

Large Woody Debris – concentrations of downed timber or logging debris interspersed within harvest units to provide cover left on site.

Other actions

***H. Cultural and Historical Resource Protection:***

This project was reviewed by the State Historic and Preservation Office (SHPO).

No artifacts have been reported within the project area(s).

Known or likely sites have been identified and a mitigation plan is in place. (Describe the mitigation actions.)

***I. Other Resources Affected by Timber Harvest and Management***

There are other resources and areas of concern besides surface water, fish habitat, and wildlife habitat that may be affected. Mitigation actions were addressed in the Best Interest Finding.

**Table 5. Other Affected Resources/ Areas of Concern.**

Impacted Resource	Reviewing Agency	Impact/ Mitigation Actions
Visual	DOF	Change in vegetation, no mitigation planned.

There are no affected resources or areas of concern other than surface water, fish habitat, and wildlife habitat, which are addressed in this Forest Land Use Plan.

**IV. Roads and Crossing Structures**

***A. Road Design, Construction, and Maintenance:***

Roads will be designed, constructed, and maintained to prevent significant adverse impacts on water quality and fish habitat (AS 41.17.060(b) (5)), and site productivity (AS 41.17.060(c) (5)).

Roads will comply with the best management practices in the Forest Resources and Practices Regulations (11 AAC 95.285 – 95.335). Roads or other means required for the access and removal of this timber from the harvest area(s) or unit(s) are listed in Table 6.

**Table 6. Road Construction and Use**

Road ID	Harvest Unit	Stations	Road Type	Maximum Grade	Constructed by	Maintained by
A	1	1+28	Spur	14%	Purchaser	Purchaser
B	1	2+24	Spur	14%	Purchaser	Purchaser
C	1	2+27	Spur	14%	Purchaser	Purchaser
D	1	1+69	Spur	14%	Purchaser	Purchaser
E	2	11+27	Spur	10%	Purchaser	Purchaser
F10	7A-D	31+50	Spur	10%	Purchaser	State
F11	7A	3+25	Spur	18%	Purchaser	State
J	8	36+19	Spur	14%	Purchaser	Purchaser
K	8	5+27	Spur	9%	Purchaser	Purchaser
L	8	7+65	Spur	12%	Purchaser	Purchaser
M2	9	11+47	Spur	12%	Purchaser	Purchaser
O	11	8+58	Spur	12%	Purchaser	Purchaser
R	16	30+66	Spur	17%	Purchaser	Purchaser
S	16	14+29	Spur	12%	Purchaser	Purchaser
X	17	28+20	Spur	12%	Purchaser	Purchaser
Y	18	17+81	Spur	12%	Purchaser	Purchaser

*\*Note: Roads must be less than 20% grade per 8 AAC 61.1060 Additional Logging Standards*

During the planning process for the timber sale the City of Coffman Cove communicated its concern for the integrity of their municipal water supply located in the Chum Creek watershed. None of the units in this FLUP are within the watershed. Timber from Units 1 and 2 are planned to be hauled on the existing FDR 3030300 as well as the rock necessary for the construction of Spur “E” located outside of the watershed.

FDR 3030300 traverses the watershed in several locations. The road is currently in good condition; minor maintenance is proposed in several locations to reestablish the road crown through grading. Crowning of the road is a typical maintenance practice used to

shed water from a road surface prior to the accumulation of surface flow or puddling. This maintenance standard reduces the migration of fines off the road and subsequently into surface waters. Ditches and culvert settling basins may also require minimal cleaning.

Some fines will find their way to surface water adjacent to the road as a by-product of the road maintenance and as well as from surface degradation of the road from truck traffic. Erosion control measures will be employed as applicable around culverts and ditches to minimize the migration of fines to surface waters that contribute to the watershed. Methods to be implemented are check dams in the ditch line, wattles at the culvert inlets and any areas prone to raveling and the reestablishment of vegetation on any exposed erodible soil material from maintenance operations. The measures proposed are economically implementable and standard practice in the construction industry.

***B. Side Slopes / Mass Wasting:***

For slopes over 50%, identify indicators of unstable areas (landslide scars, jack-strawed trees, gullied or dissected slopes, high density of streams or zero-order basins, or evidence of soil creep). Attach location specific road design that potentially mitigates identified areas of unstable soils.

Maximum percent side slopes: 45%

There are no slopes >45%

There are no indicators of unstable areas where roads will be constructed

Indicators of unstable areas were identified and will be mitigated by actions indicated below.

Full benching will be constructed to help ensure slope stability

Full benching is not required for roads in this project

End hauling will be implemented to help ensure slope stability

End hauling is not necessary for roads in this project.

Are you removing or replacing drainage structures?       YES       NO

General Erosion Control:

grass seeding       erosion control mats       wattle       Other: Water bars

not applicable

**C. Crossing Structures:**

[ ] No crossing structures are needed within the project area.

[X] Crossing structures will be placed along access roads as described in the table below:

**Table 7. Required Drainage and Crossing Structures on Known Surface Waters**

Road	Mile / Station	Diameter Culvert	Bridge Type: -Log Stringer -Fabricated -Ice	AS 41.17.950 Stream Classification	Fish & Game AWC Number	Duration of crossing structure in place
A	0+29	18		Surface/ water quality	None	Road life
E	0+49	36		Surface/ water quality	None	Road life
F10	27+50	24		Surface/ water quality		
J	10+72	24		Surface/ water quality	None	Road life
J	14+52	18		Surface/ water quality	None	Road life
J	16+94	18		Surface/ water quality	None	Road life
J	21+30	24		Surface/ water quality	None	Road life
J	28+47	24		Surface/ water quality	None	Road life
L	1+10	18		Surface/ water quality	None	Road life
L	3+02	18		Surface/ water quality	None	Road life
L	3+97	18		Surface/ water quality	None	Road life
R	4+62	36		Surface/ water quality	None	Road life
R	8+50	18		Surface/ water quality	None	Road life
S	4+70	18		Surface/ water quality	None	Road life

X	0+25	24		Surface/ water quality	None	Road life
X	9+59	24		Surface/ water quality	None	Road life
X	15+69	24		Surface/ water quality	None	Road life
X	17+61	24		Surface/ water quality	None	Road life
X	23+43		20' Log Stringer Bridge	Surface/ water quality	None	Road life
Y	2+30	36		Surface/ water quality	None	Road life
Y	7+47	36		Surface/ water quality	None	Road life

***D. Road Closure:***

Roads constructed for the timber sale that are left open will be subject to maintenance standards under 11 AAC 95. 315. Otherwise, roads constructed for the timber sale will be closed, subject to standards under 11 AAC 95.320.

**Table 8. Road Closures**

Road ID	Unit	Type	Estimated Closure Date	Projected Road Use after Timber Harvest
A	1	All Season	End of harvest	none
E	2	All Season	End of harvest	none
F10	7 C & 7D	All Season	End of harvest	none
J	8	All Season	End of harvest	Thinning
K	8	All Season	End of harvest	none
L	8	All Season	End of harvest	none
M2	9	All Season	End of harvest	none
O	11	All Season	End of harvest	none
R	16	All Season	End of harvest	none
S	16	All Season	End of harvest	none
X	17	All Season	End of harvest	Thinning
Y	18	All Season	End of harvest	Thinning

***E. Material Extraction:***

- There will be no material extraction sites in the project area.
- Material extraction and associated overburden disposal will be located outside of riparian areas and muskegs. Material extraction and disposal will be located as shown on the operation map, in a manner that prevents runoff from entering surface waters.
- Other: Material extraction and associated overburden disposal will be located outside of riparian areas and muskegs. Material extraction and disposal locations will be selected by the

purchaser and approved prior to operation by the Division of Forestry.

***F. Other Resources Affected by-Roads or Material Extraction:***

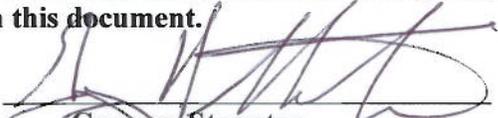
List resources other than water, habitat or cultural resources potentially impacted by road construction, and indicate how impacts will be mitigated. Other affected resources could be, but are not limited to mining claims, scenic areas, recreational trails, etc.

**Table 9. Other Affected Resources**

Impacted Resource	Reviewing Agency	Impact/ Mitigation Actions
none	none	none

## V. Approvals

**This Draft Forest Land Use Plan has been reviewed by the Division of Forestry and provides the information necessary for public and by agency review of the project described in this document.**

  
Gregory Staunton  
Area Forester

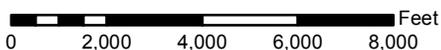
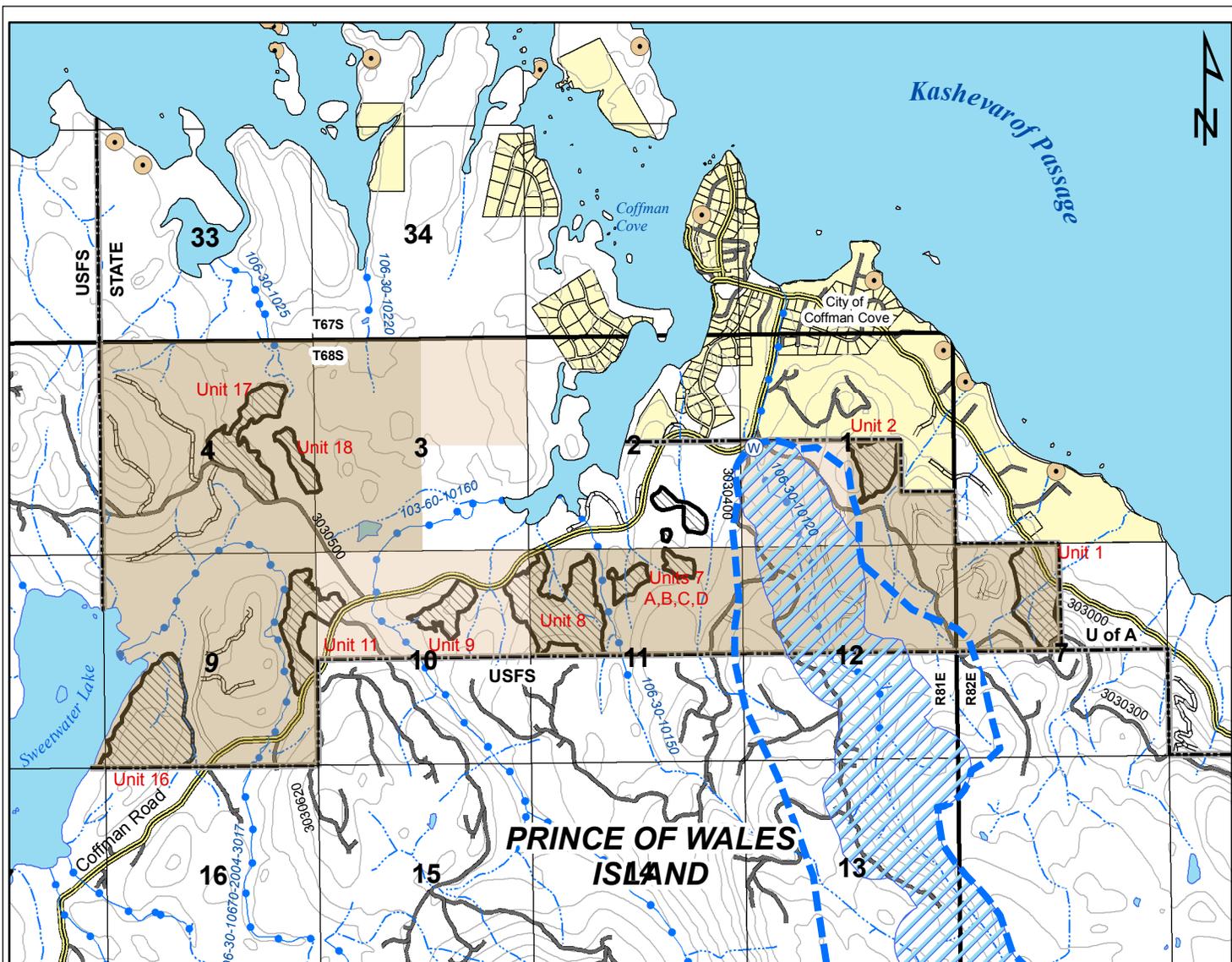
12/06/2016  
Date

If you have any questions, please contact the Southeast Area Office at (907) 225-3070 or e-mail [greg.staunton@alaska.gov](mailto:greg.staunton@alaska.gov).

## **Appendix A: Coffman Cove Timber Sale Maps**

Appendix A1 Coffman Cove Area Map (1 page)

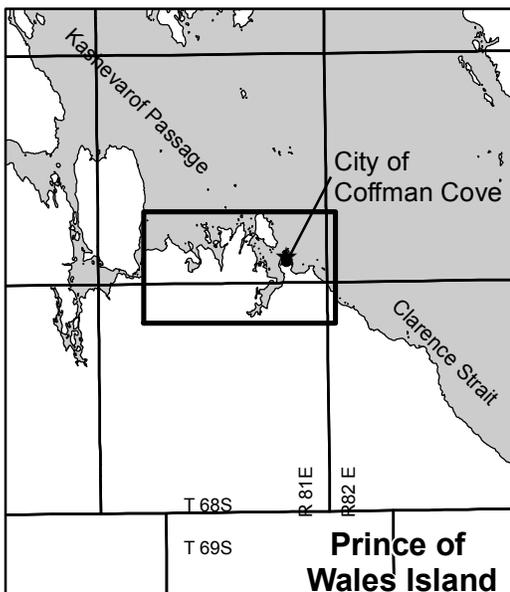
Appendix A2 Coffman Cove Unit Maps (8 pages)



1 inch = 4,000 feet

T68S, R81E & R82E C.R.M

Contour Interval 100 FT.



Vicinity Map

1 inch = 5 miles



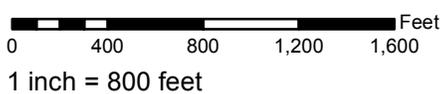
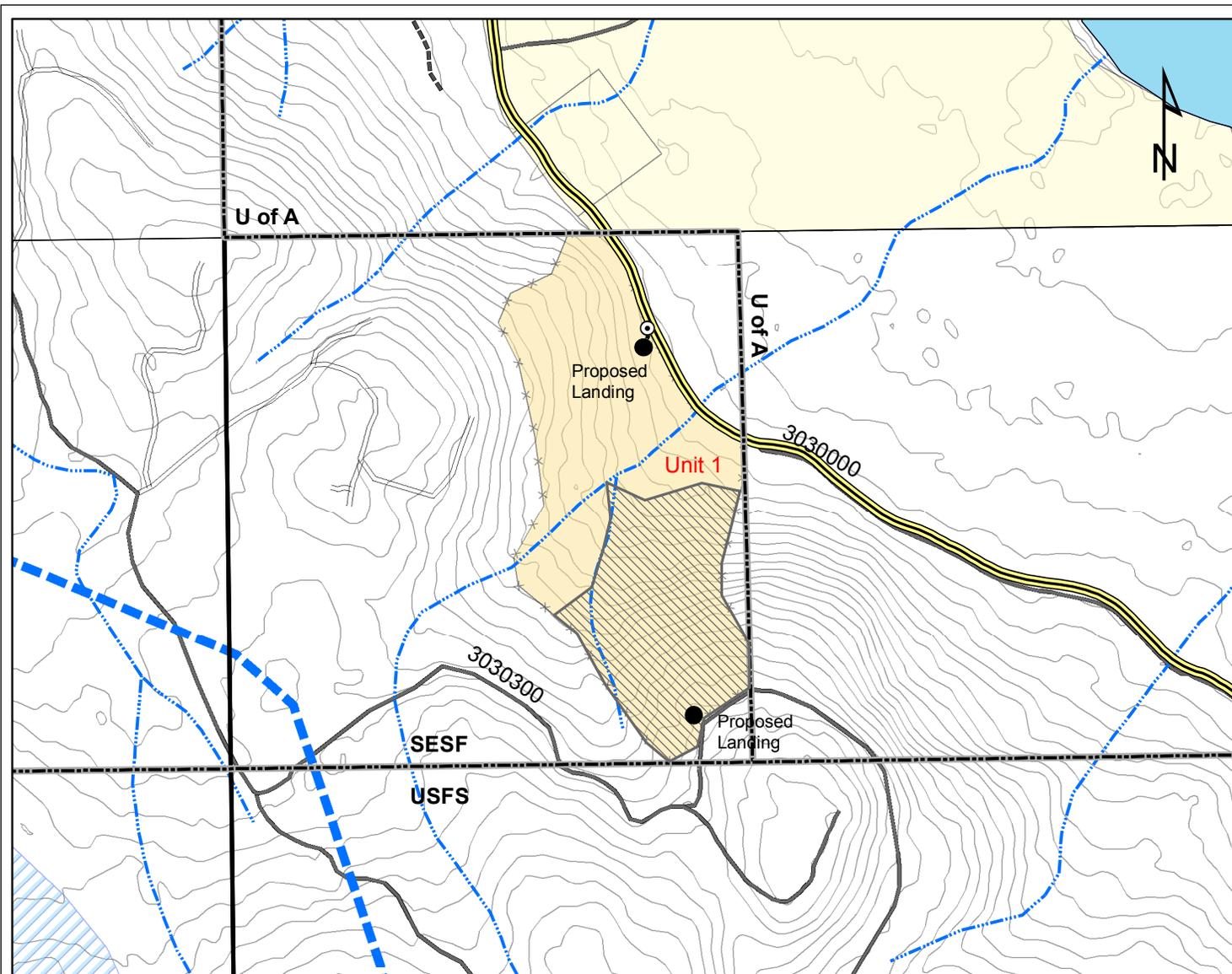
**ATTACHMENT A1  
SSE-1336K  
COFFMAN COVE  
TIMBER SALE,  
AREA MAP**



**DIVISION OF FORESTRY**

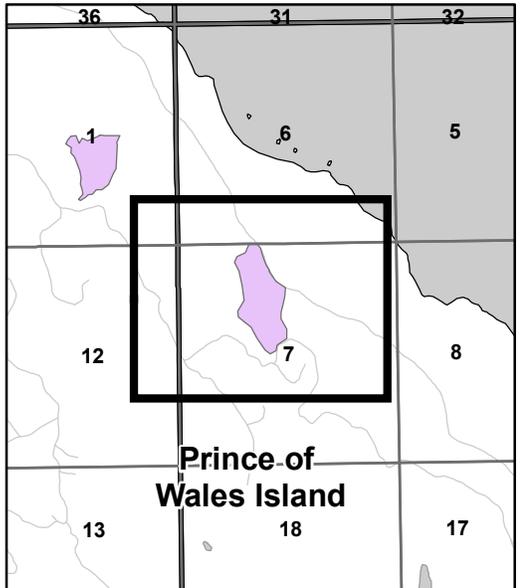
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GS



**T68S, R82E C.R.M**

Contour Interval = 25 feet



**Vicinity Map** 1 in = 1 miles

**Legend**

- Proposed Units
- Cable Log
- ADEC Zone A (1000 Buffer)
- ADEC Zone C (Chum Creek Watershed)
- Subdivisions
- Previous State Pre-com. Thinning
- Major Road
- Proposed Forest Road
- Proposed DMLW ROW
- Property Line

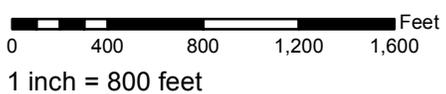
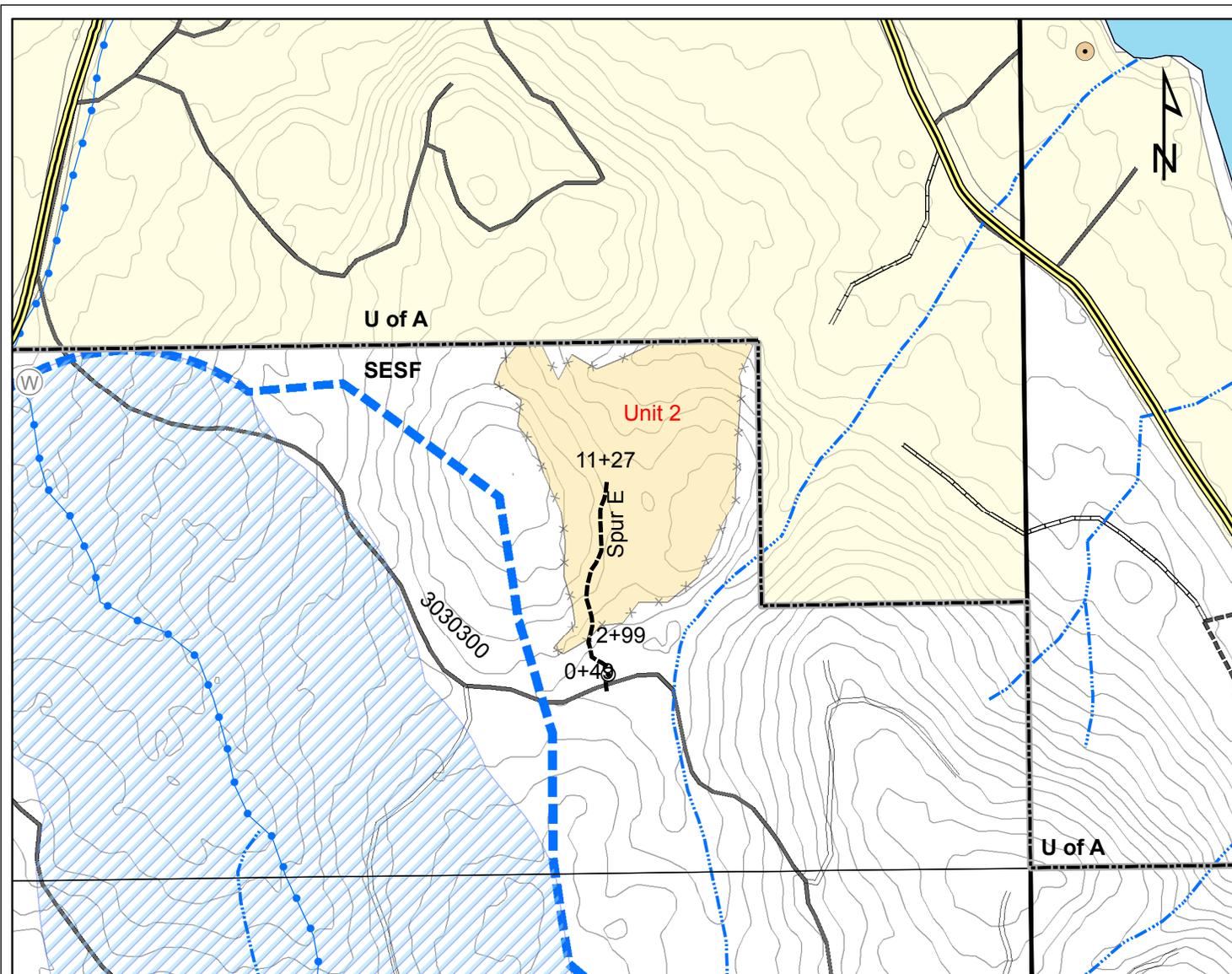
**Existing Roads**

- Active Forest and Local
- Closed
- Inactive Forest
- Anadromous Stream
- Water Quality Stream
- Drinking Water Intake
- Drainage Structures
- Eagle Nest

**ATTACHMENT A2  
SSE-1336K  
COFFMAN COVE  
TIMBER SALE  
UNIT  
1**

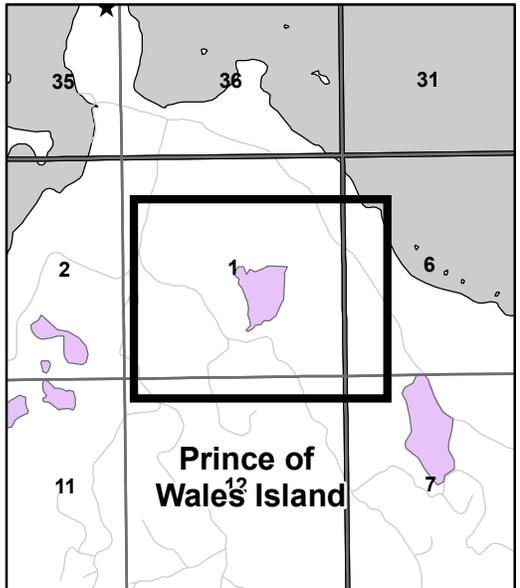


**DIVISION OF FORESTRY**



**T68S, R82E C.R.M**

Contour Interval = 25 feet



**Vicinity Map** 1 in = 1 miles

**Legend**

- Proposed Units
- Cable Log
- ADEC Zone A (1000 Buffer)
- ADEC Zone C (Chum Creek Watershed)
- Subdivisions
- Previous State Pre-com. Thinning
- Major Road
- Proposed Forest Road
- Proposed DMLW ROW
- Property Line

**Existing Roads**

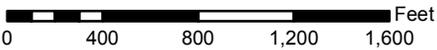
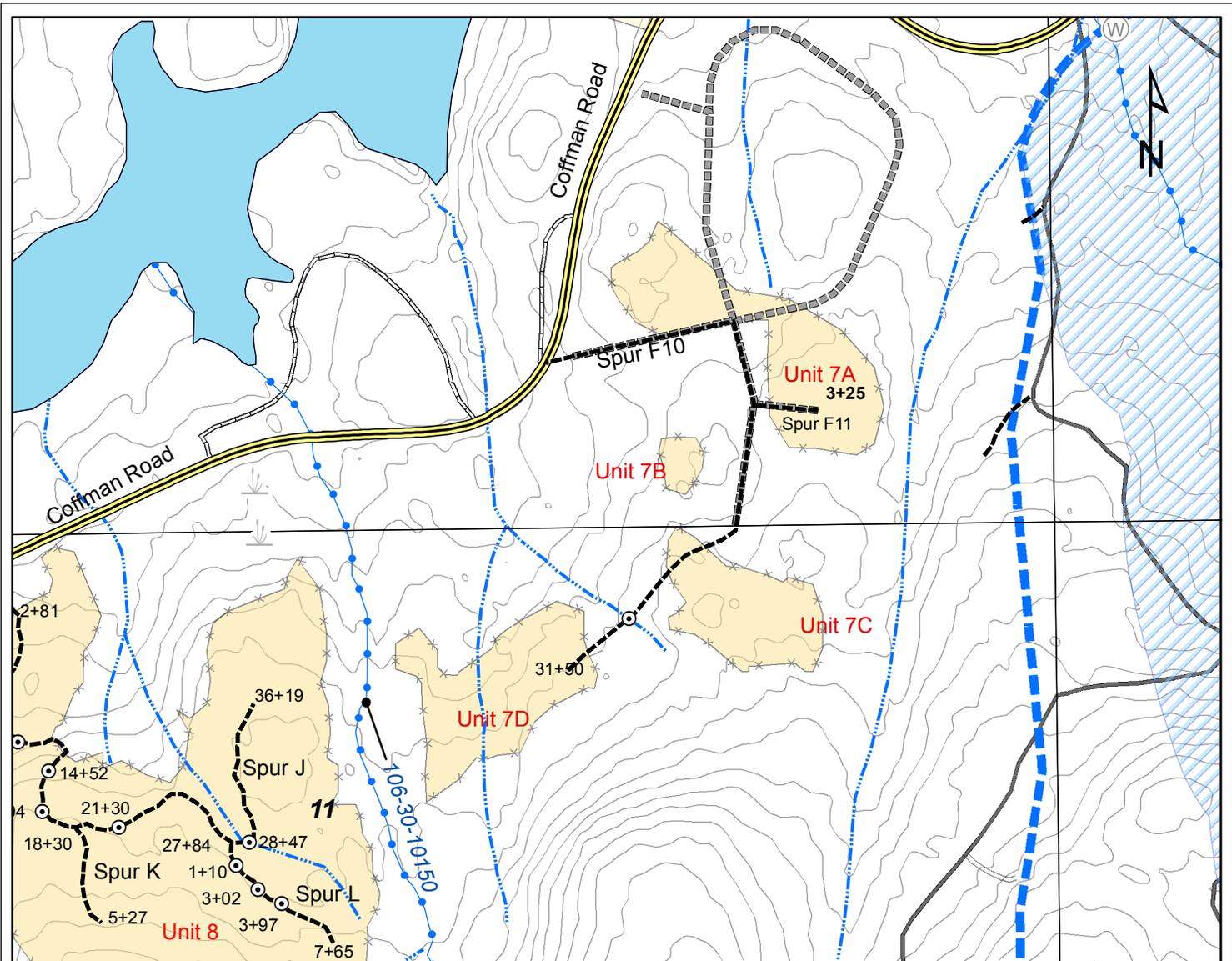
- Active Forest and Local
- Closed
- Inactive Forest
- Anadromous Stream
- Water Quality Stream

- Drinking Water Intake
- Drainage Structures
- Eagle Nest

**ATTACHMENT A2  
SSE-1336K  
COFFMAN COVE  
TIMBER SALE  
UNIT  
2**



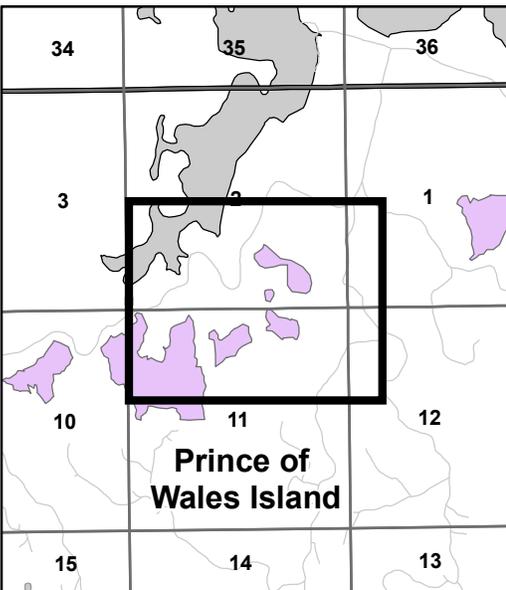
**DIVISION OF FORESTRY**



1 inch = 800 feet

**T68S, R82E C.R.M**

Contour Interval = 25 feet



**Vicinity Map**

1 in = 1 miles

**Legend**

- Proposed Units
- Cable Log
- ADEC Zone A (1000 Buffer)
- ADEC Zone C (Chum Creek Watershed)
- Subdivisions
- Previous State Pre-com. Thinning
- Major Road
- Proposed Forest Road
- Proposed DMLW ROW
- Property Line
- Existing Roads**
- Active Forest and Local
- Closed
- Inactive Forest
- Anadromous Stream
- Water Quality Stream
- Drinking Water Intake
- Drainage Structures
- Eagle Nest

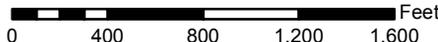
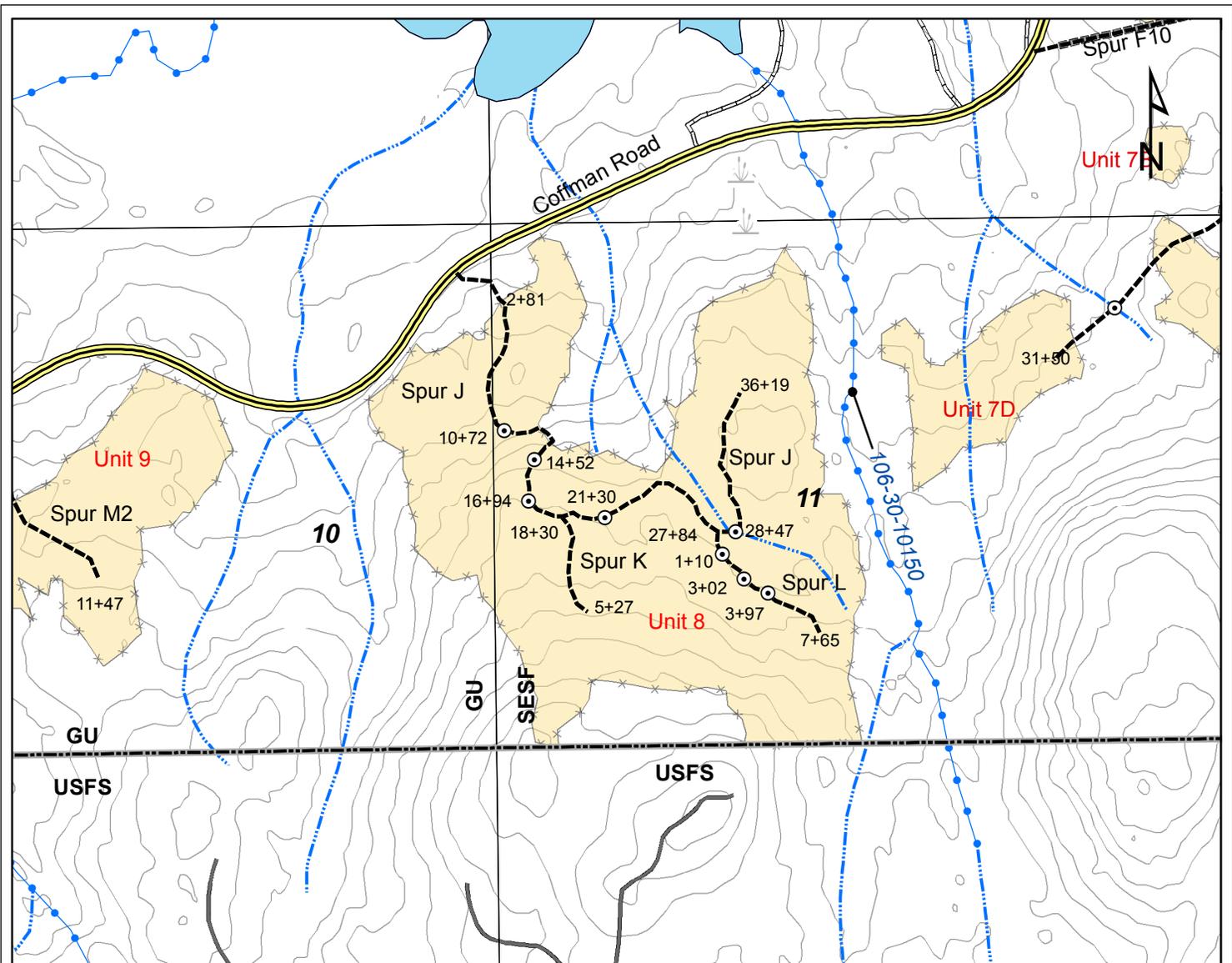
**ATTACHMENT A2  
SSE-1336K  
COFFMAN COVE  
TIMBER SALE  
UNIT  
7**



**DIVISION OF FORESTRY**

Date: 12/6/2016

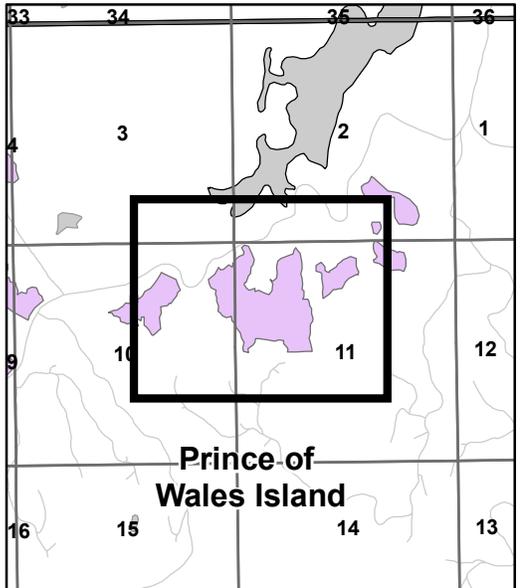
GS



1 inch = 800 feet

T68S, R82E C.R.M

Contour Interval = 25 feet



Vicinity Map

1 in = 1 miles

**Legend**

- Proposed Units
- Cable Log
- ADEC Zone A (1000 Buffer)
- ADEC Zone C (Chum Creek Watershed)
- Subdivisions
- Previous State Pre-com. Thinning
- Major Road
- Proposed Forest Road
- Proposed DMLW ROW
- Property Line

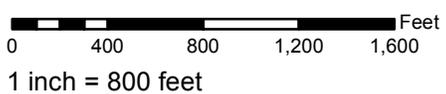
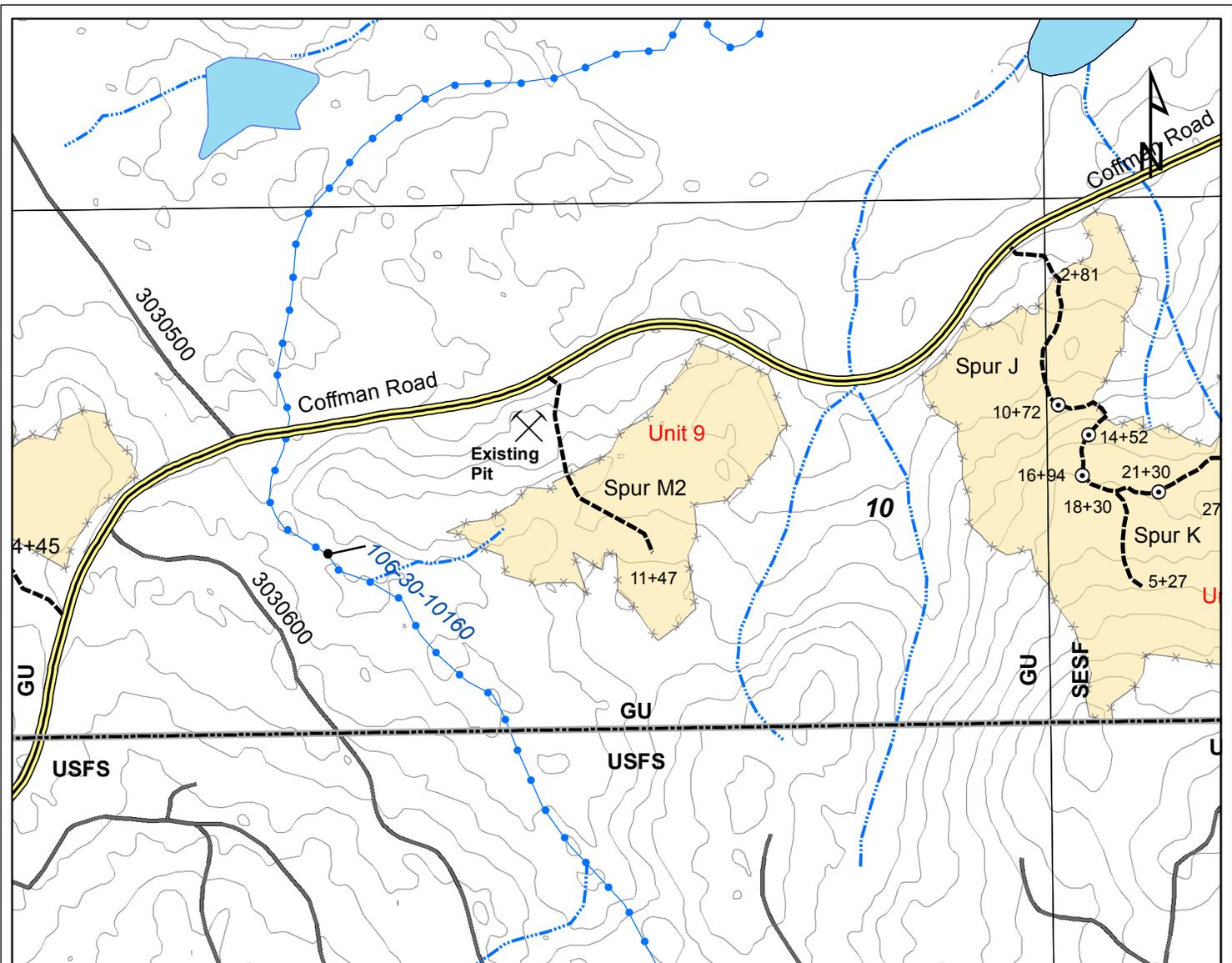
**Existing Roads**

- Active Forest and Local
- Closed
- Inactive Forest
- Anadromous Stream
- Water Quality Stream
- Drinking Water Intake
- Drainage Structures
- Eagle Nest

**ATTACHMENT A2  
SSE-1336K  
COFFMAN COVE  
TIMBER SALE  
UNIT  
8**

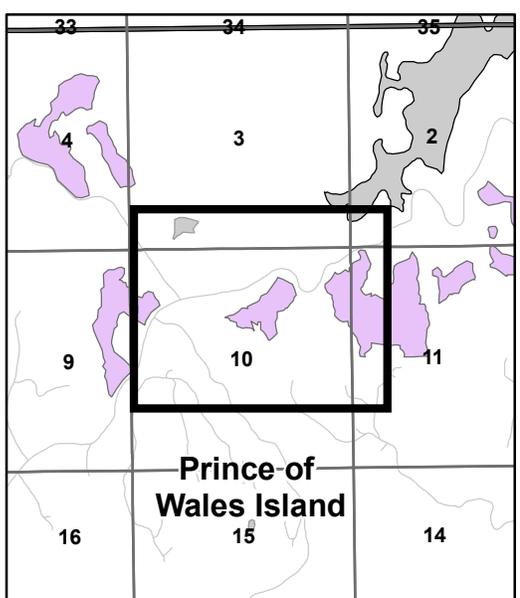


**DIVISION OF FORESTRY**



**T68S, R82E C.R.M**

Contour Interval = 25 feet



**Vicinity Map** 1 in = 1 miles

**Legend**

- Proposed Units
- Cable Log
- ADEC Zone A (1000 Buffer)
- ADEC Zone C (Chum Creek Watershed)
- Subdivisions
- Previous State Pre-com. Thinning
- Major Road
- Proposed Forest Road
- Proposed DMLW ROW
- Property Line

**Existing Roads**

- Active Forest and Local
- Closed
- Inactive Forest
- Anadromous Stream
- Water Quality Stream

- Drinking Water Intake
- Drainage Structures
- Eagle Nest

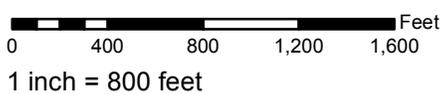
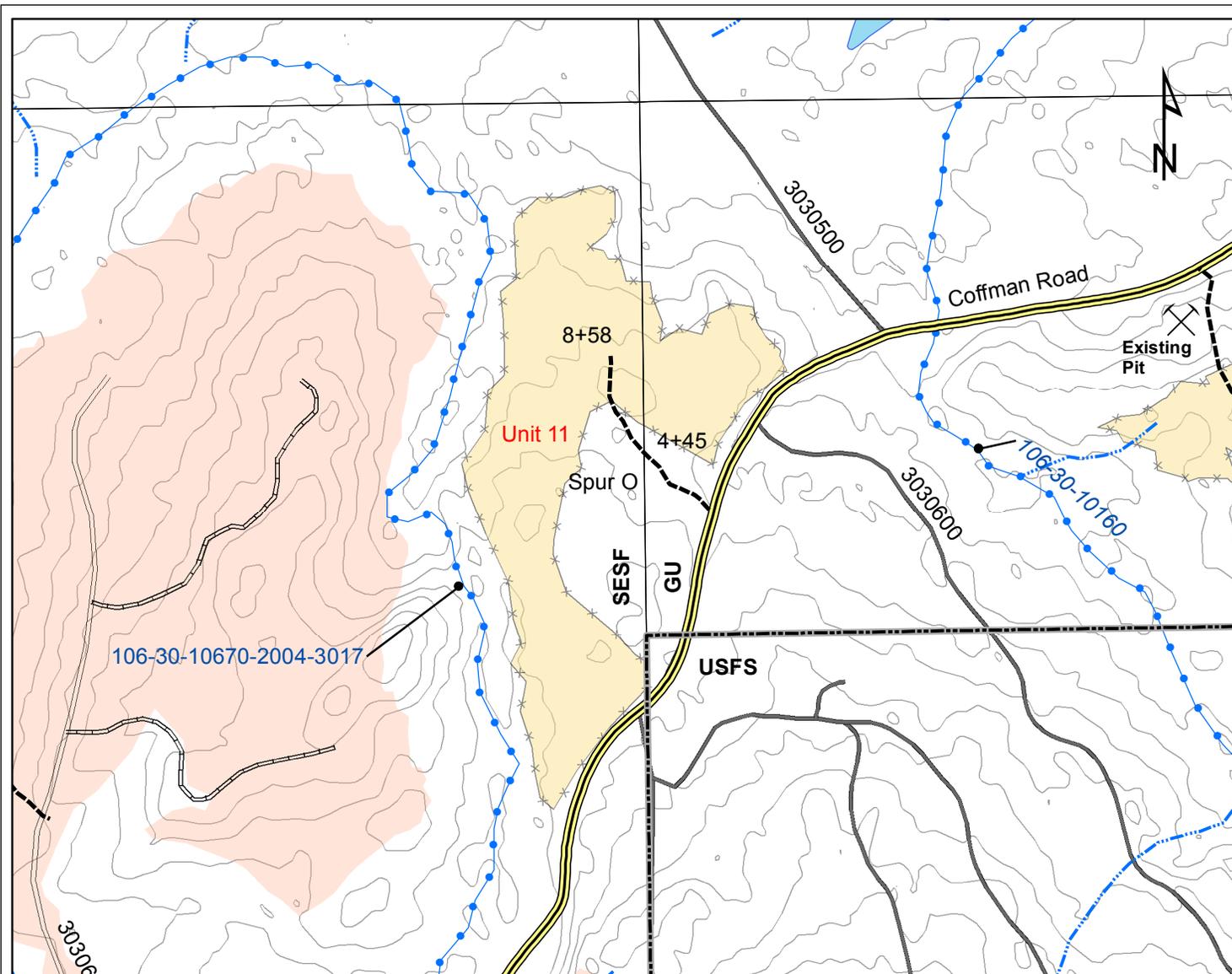
**ATTACHMENT A2  
SSE-1336K  
COFFMAN COVE  
TIMBER SALE  
UNIT  
9**



**DIVISION OF FORESTRY**

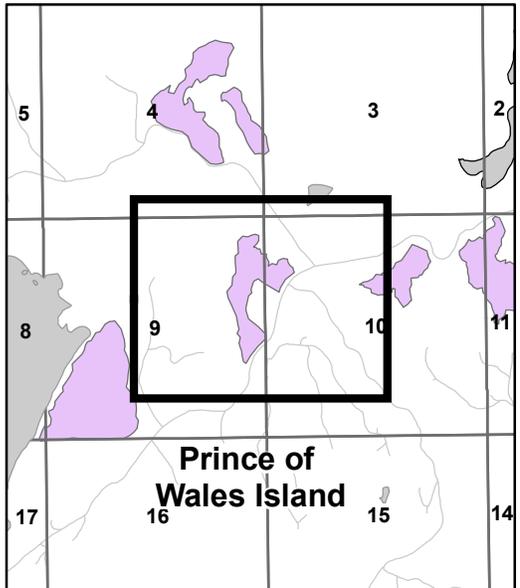
Date: 12/6/2016

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**T68S, R82E C.R.M**

Contour Interval = 25 feet



**Vicinity Map** 1 in = 1 miles

**Legend**

- Proposed Units
- Cable Log
- ADEC Zone A (1000 Buffer)
- ADEC Zone C (Chum Creek Watershed)
- Subdivisions
- Previous State Pre-com. Thinning
- Major Road
- Proposed Forest Road
- Proposed DMLW ROW
- Property Line

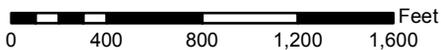
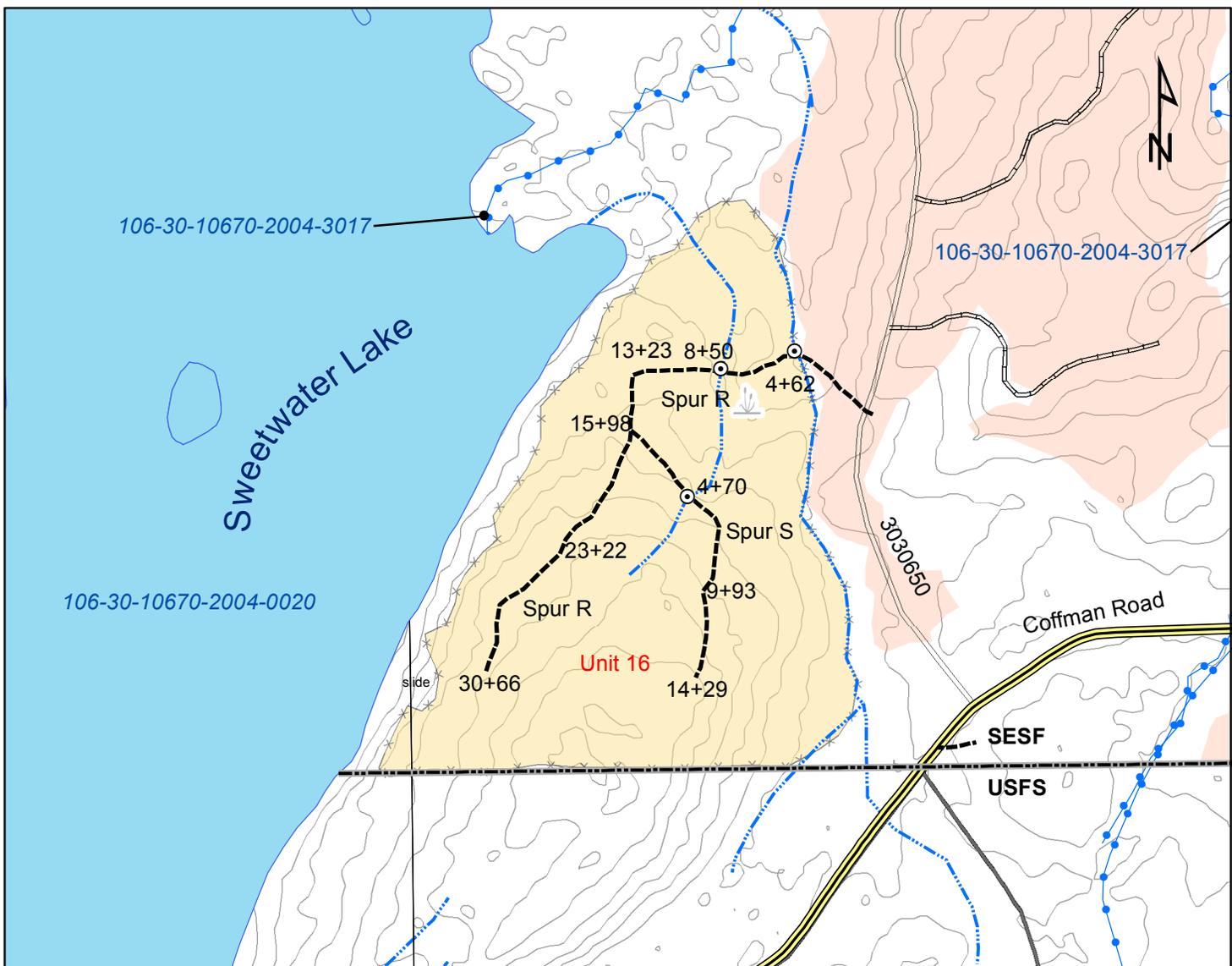
**Existing Roads**

- Active Forest and Local
- Closed
- Inactive Forest
- Anadromous Stream
- Water Quality Stream
- Drinking Water Intake
- Drainage Structures
- Eagle Nest

**ATTACHMENT A2  
SSE-1336K  
COFFMAN COVE  
TIMBER SALE  
UNIT  
11**



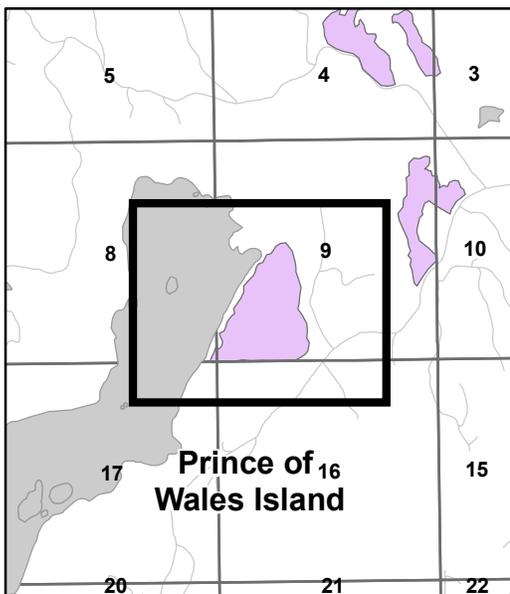
**DIVISION OF FORESTRY**



1 inch = 800 feet

**T68S, R82E C.R.M**

Contour Interval = 25 feet



**Vicinity Map**

1 in = 1 miles

**Legend**

- Proposed Units
- Cable Log
- ADEC Zone A (1000 Buffer)
- ADEC Zone C (Chum Creek Watershed)
- Subdivisions
- Previous State Pre-com. Thinning
- Major Road
- Proposed Forest Road
- Proposed DMLW ROW
- Property Line
- Existing Roads**
- Active Forest and Local
- Closed
- Inactive Forest
- Anadromous Stream
- Water Quality Stream
- Drinking Water Intake
- Drainage Structures
- Eagle Nest

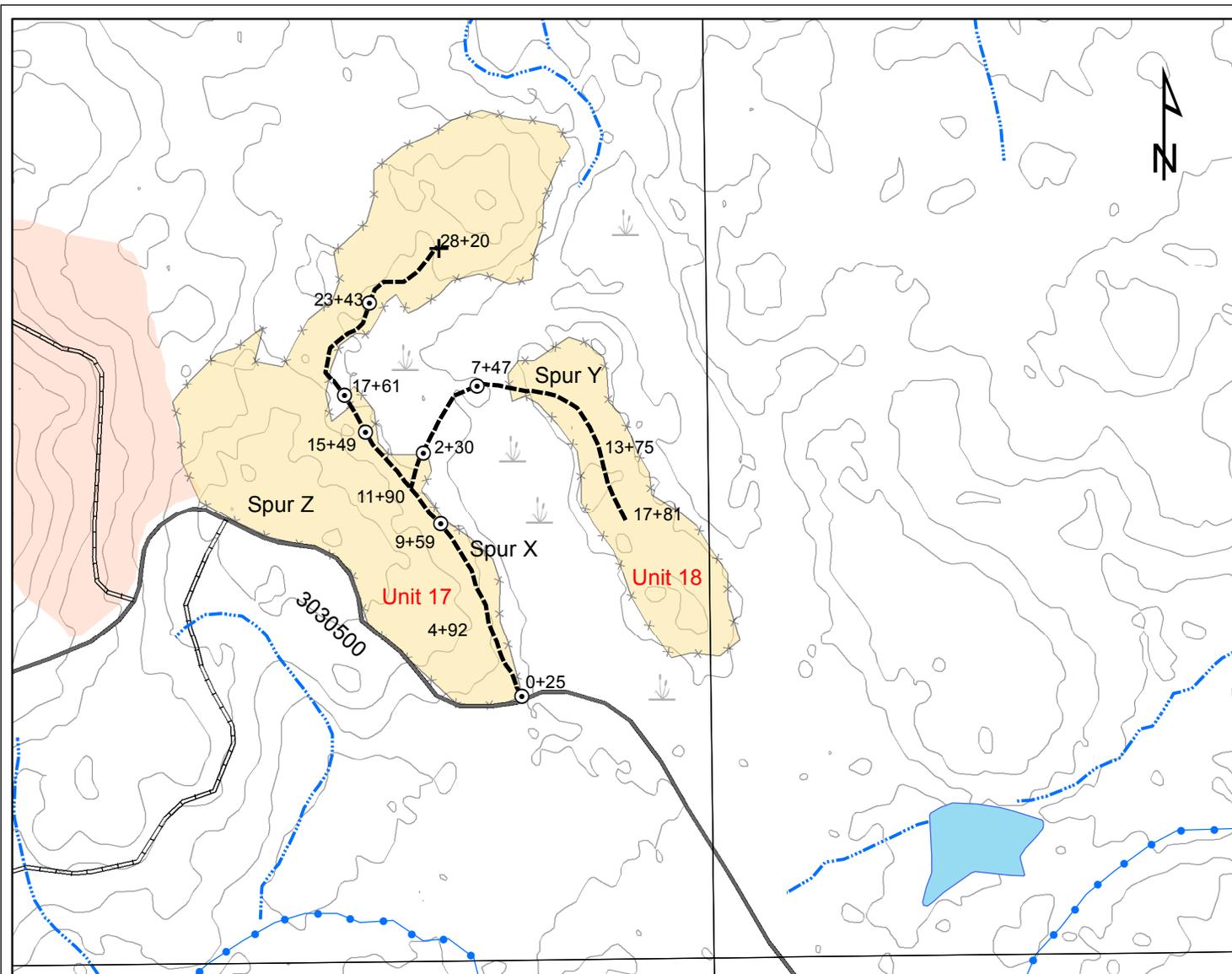
**ATTACHMENT A2  
SSE-1336K  
COFFMAN COVE  
TIMBER SALE  
UNIT  
16**



**DIVISION OF FORESTRY**

Date: 12/6/2016

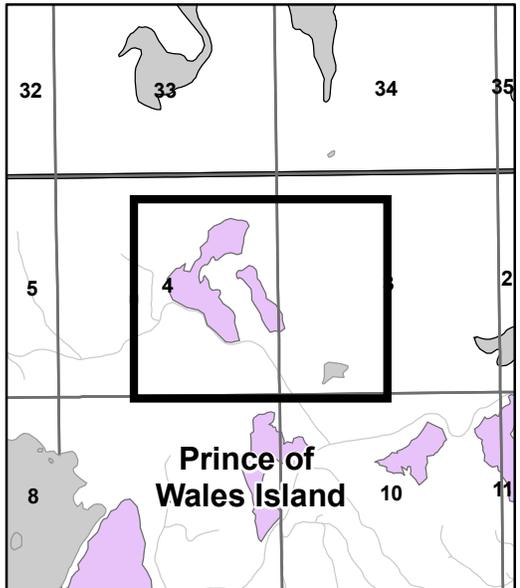
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**T68S, R82E C.R.M**

Contour Interval = 25 feet

**ATTACHMENT A2  
SSE-1336K  
COFFMAN COVE  
TIMBER SALE  
UNIT  
17 and 18**



**Vicinity Map** 1 in = 1 miles

**Legend**

- Proposed Units
- Cable Log
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- Subdivisions
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- Major Road
- Proposed Forest Road
- Proposed DMLW ROW
- Property Line

**Existing Roads**

- Active Forest and Local
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- Anadromous Stream
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- Drinking Water Intake
- Drainage Structures
- Eagle Nest



**DIVISION OF FORESTRY**

## **Appendix B: Supporting Information**

Note: Silvicultural and stand information has been described in the previously published BIF.

### **Alaska Forest Practices and Regulations.**

<http://forestry.alaska.gov/forestpractices>

### **Forest Road and Bridge Standards.**

[http://forestry.alaska.gov/Assets/uploads/DNRPublic/forestry/pdfs/resources/forest\\_road\\_standard\\_design\\_20151231.pdf](http://forestry.alaska.gov/Assets/uploads/DNRPublic/forestry/pdfs/resources/forest_road_standard_design_20151231.pdf)

[http://forestry.alaska.gov/Assets/uploads/DNRPublic/forestry/pdfs/resources/forest\\_bridge\\_standard\\_design\\_20150128.pdf](http://forestry.alaska.gov/Assets/uploads/DNRPublic/forestry/pdfs/resources/forest_bridge_standard_design_20150128.pdf)

No ADFG Fish way permits are required.

**Appendix C:**

(Reserved)

## **Appendix D: Appeal Statues and Regulations**

(Reserved)

## **Appendix E: Public Comment**

(Reserved)