

# Pre-Operations Report

**Operation Name:** Winslow  
**County:** Clatsop  
**Management Basin:** Buster

**Table 1. Operation Areas, Types and Acres**

Area	Type of Operation	Gross Acres	Net Acres
1	MC	71	67
2	MC	37	35
3	MC	58	55
Total	Modified Clearcut	166	157

## **I. PHYSICAL DESCRIPTION OF OPERATION AREA:**

The sale is located on the gentle side-slopes along Winslow Road on and below several ridges that divide Deep Creek and the unnamed tributaries to the West. Area 1 is located off of Deep Creek Road west of Buster Creek Road. Area 2 is to the west of Area 1 off of Deep Creek 30 Spur. Area 3 is located west of the Buster Camp Junction on Green Mountain 10 Spur. The sale is underlain by sedimentary rocks of the informal Sager Creek Formation, the Keasey Formation and the Cowlitz Formation.

## **II. CURRENT STAND CONDITION:**

Area 1 - The current stand is generally 65 years old and is composed primarily of medium to large Douglas-fir with scattered red alder and mixed conifer. The stand is categorized as Understory (UDS) structure with a stand density index of 43.

Area 2 - The current stand is generally 70 years old and is composed primarily of Douglas-fir with small patches of red alder and scattered mixed conifer. The stand is categorized as an Understory structure with a stand density index of 63.

Area 3 - The current stands are generally 65 years old and are composed primarily of Douglas-fir and red alder with scattered mixed conifer. The stand is categorized as an Closed Single Canopy (CSC) structure with a stand density index between 60 and 70.

Understory development consists primarily of salal, Oregon grape, sword fern, and huckleberry.

**Table 2. Stand Inventory Information**

Area	Prescription	Stand ID	Species	Age	DBH	BA	TPA	SDI	Acres <sup>2</sup>
1	MC	24557	DF	46	21	336	131	75	67
		Target <sup>3</sup>	DF,WH,WRC				5		67
2	MC	24013	DF	70	21	278	111	63	35
		Target <sup>3</sup>	DF,WH,WRC				5		35
3	MC	24006	DF,WH	64	11	245	364	72	20
		24011	DF,WH	64	11	245	364	72	35
		Target <sup>3</sup>	DF,WH,WRC				5		55

1 The source of stand inventory information is OSCUR and SLI from 2002. Age shown is as of 2006.

2 The acres are based on GIS and exclude roads, streams buffers, reserve areas, etc.

3 The Target identifies expected stand characteristics (DBH, BA, TPA and SDI) after harvesting has been completed.

### **III. DESIRED STAND CONDITION/VISION:**

All areas will be clearcut. These areas do not have a complex desired future condition. The stands will be planted with a mixture of conifer species. It is anticipated that some natural regeneration of western hemlock and red alder will also occur. A pre-commercial thinning is anticipated at 12 to 17 years when crowns close followed by a commercial thinning at 30 to 40 years of age to ensure continued growth. At age 45 to 50 the stand will be evaluated for either additional thinning or regeneration harvest.

**Table 3. Stand Structure Information**

Area	Stand ID	Current	Post Harvest <sup>1</sup>	Desired Future	Acres
1	24557	UDS	GEN	GEN	67
2	24013	UDS	GEN	GEN	35
3	24011	CSC	GEN	GEN	35
	24006	CSC	GEN	GEN	20

1 The stand is expected to develop into this condition in the five to ten years after this operation is completed.

### **IV. PROPOSED MANAGEMENT PRESCRIPTION:**

All areas are designated for modified clearcuts. Five to seven of the largest conifer trees per acre will be left to provide a source for natural regeneration and future downed wood and snags in these areas.

*Snags:* In all harvesting activities, all existing snags will be retained unless deemed to be safety hazards. It is anticipated that additional snags will develop during harvesting activities by leaving, topping or girdling damaged rub trees, tail lift trees, and/or intermediate support trees (FMP, "Landscape Management Strategy 3c. Snags", pages 4-53 and 4-54). In addition, some snag creation will occur post-harvest in all three sale areas.

*Green Trees:* A combination of methods will be implemented to achieve the green tree retention requirements such as green tree retention areas, stream buffers, and trees scattered across the sale areas (FMP, page 4-53, Paragraph 2). Minor species found may be reserved from cutting; further consideration of those species will be taken during sale layout.

*Downed wood:* Pre-harvest downed wood debris levels are anticipated to be below 600cuft/ac. Efforts will be made to leave as much downed wood that is created from the harvest activities within the unit. This will be accomplished through topping trees and bucking out cull sections within the unit. During all harvesting activities, all existing down woody debris will be retained.

It is also anticipated that natural snag and down wood recruitment will occur post harvest over time due to natural occurrences.

*Site preparation:* Site preparation will be provided mainly by ground based harvesting and some cable settings. Seedlings will be planted at 300 trees per acre with a mixture of Douglas-fir, western hemlock, and western red cedar. Tree protection measures will be provided to all species except western hemlock. Mountain Beaver trapping may need to be conducted prior to planting. Prescription of herbicide application and slash manipulation will be evaluated at the time of sale preparation.

**V. ESTIMATED TIMBER AND REVENUE INFORMATION:**

**Table 4. Timber and Revenue**

Ownership		Sale Type	
BOF	CSL	Cash	Recovery
100%	%	<input type="checkbox"/>	X
Planned Quarter		Alt.	

	Conifer	Hardwood	Total
Net Volume (MBF)	6,000	0	7,800
Stumpage Value (\$/MBF)	\$350	\$300	
Estimated Gross Value	\$2,100,000	\$0	\$2,100,000
		Project Costs:	\$127,000
		Estimated Net Value:	\$1,973,000

**VI. Harvesting and Access Considerations:**

Access to the harvest site will be Highway 202 to East Sager Creek Road to Deep Creek Road. Deep Creek Road and Sale Access spurs will require improvement for adequate hauling surface. In addition, roadside brushing will be required from Area 3 to Buster Creek Road for safe hauling conditions.

The sale will have cable-yarding settings as well as ground yarding areas. These areas were determined from analysis of the terrain and landing locations. Existing roads will be utilized as much as possible for logging the sale areas.

**Table 5. Transportation Planning Summary (Miles).**

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construction	0.0	0.0	0.8	0.5
Improvement	0.0	3.1	0.0	0.0
Maintenance	11.0	2.1	0.8	0.0
Close/Block	0.0	0.0	0.0	0.0
Vacating	0.0	0.0	0.0	0.5

**VII. AQUATIC RESOURCES AND WATER QUALITY:**

*Type F and Domestic Use Streams:* The headwaters of Deep Creek, a medium Type F stream are located adjacent to the west and southwest of the Area 1 boundary for a distance of approximately 2,500 feet. A small Type F tributary of Deep Creek is adjacent to the east of the Area 1 boundary for a distance of approximately 1,500 feet. Deep Creek is adjacent to Area 3 on the north and west boundary for 3,500 feet and has a Type F tributary adjacent to the southern boundary for 1,100 feet.

*Aquatic Resource Protection:* For all areas, full log suspension is required when cable yarding over streams. No ground-based logging equipment operation is allowed within the stream bank zone. No stream crossings are anticipated during road construction. To protect water quality during active operations, a variety of methods will be used to prevent sediment from entering live streams. These methods range from use of hay bales in road ditches, to “ditch-outs” away from streams, to complete shutdown of logging and hauling.

*Type N Streams:* There are small perennial Type N streams within all sale areas.

In addition all streams will be examined to determine stream type and classification during sale layout, and then the specific riparian management area strategies required in the FMP will be implemented. The FMP riparian management area strategies that will be implemented are found in the FMP, Appendix J, “Management Standards for Aquatic and Riparian Areas”, pages J-1 through J-16.

There may be an opportunity to perform stream enhancement work in Deep Creek. Further assessment and collaboration will be done with ODFW biologists and the Jewell Unit Forester. If any in-stream work is done with this sale, then it will be conducted during in-stream periods established by ODFW.

#### **VIII. T&E SPECIES CONSIDERATIONS:**

All sale areas were surveyed to protocol for northern spotted owls in 2006 with no detections and will be surveyed in 2007

The ODF Northwest Area Biologist determined that none of the sale areas contained suitable habitat for Marbled Murrelets.

This sale area was checked against district knowledge for any listed plant location. The sale area was also checked against the Oregon Natural Heritage Program (OHNP) database of known listed plant locations. No listed plant records were identified with the sale area.

#### **IX. SLOPE STABILITY AND GEOTECHNICAL ISSUES:**

Area 2 has one small band of steep slopes just below the ridgeline near the upper boundary on the southwest side. No other steep slopes appear in the sale areas. The initial risk assessment by the geotechnical specialist for the sale is low. A field visit by the geotechnical specialist is not expected to be needed, but will be consulted during sale layout if slope stability concerns are encountered.

**X. RECREATION RESOURCES:**

This area receives little use, most likely hunting and dispersed camping. The Clatsop State Forest Recreation Plan does not list any specific activities for this portion of the basin.

**XI. CULTURAL RESOURCES:**

No known cultural resources are within or adjacent to the operation.

**XII. SCENIC RESOURCES:**

The sale areas are not visible from any county or state highway.

**XIII. OTHER RESOURCE CONSIDERATIONS:**

The eastern boundary of Area 2 borders private property. Blazes will need to be found and remarked.

**XIV. LAND MANAGEMENT CLASSIFICATION SUMMARY:**

The lands in this timber sale are all classified "General" management.

**FY 2008  
Winslow**

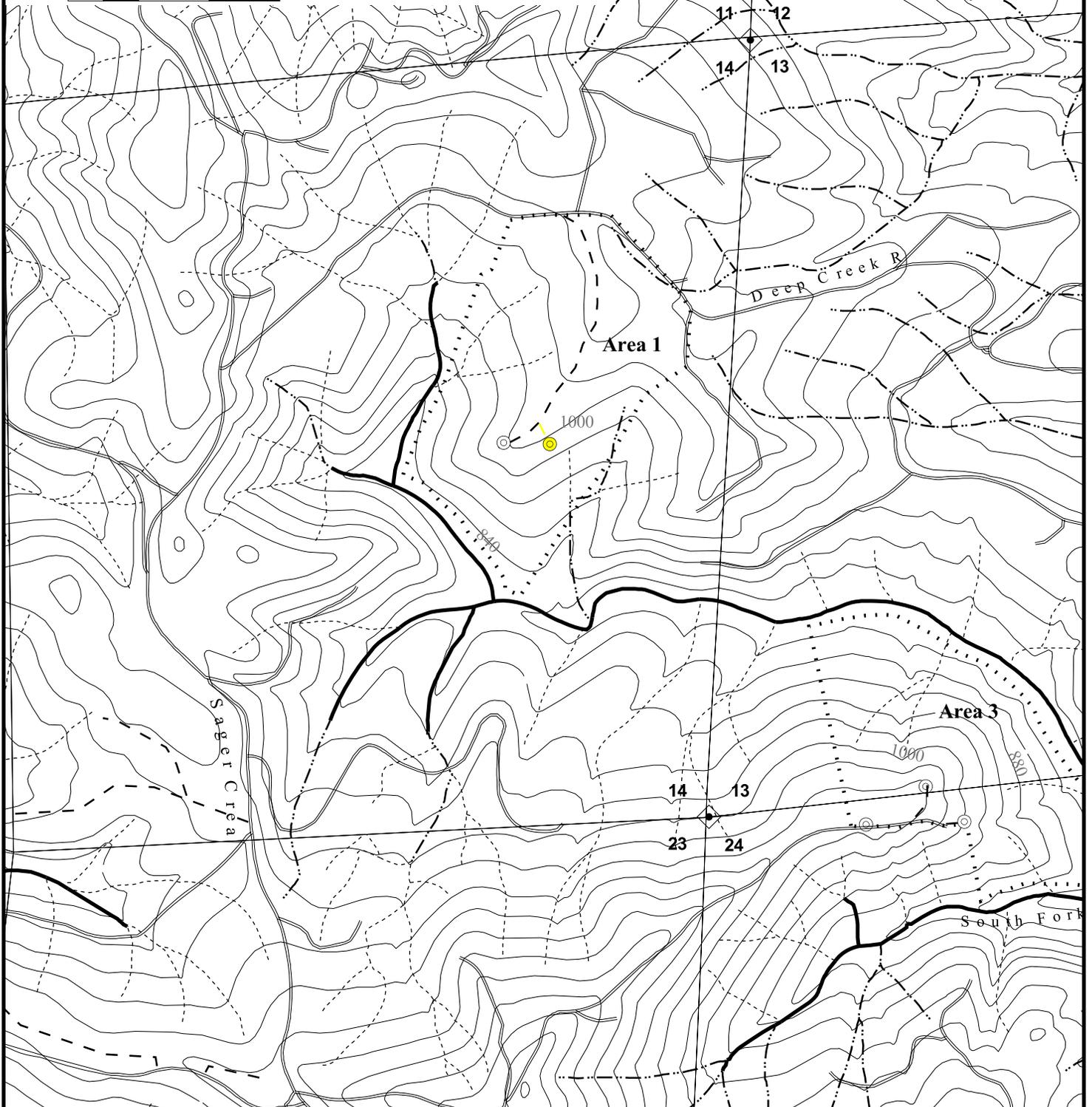
Portions of Sections 13, 14 & 24,  
T5N, R6W, W.M., Clatsop County, OR

Approximate Net Acreage	
MC Acres	PC Acres
Area 1 (MC) -	67
Area 2 (MC) -	35
Area 3 (MC) -	55
Total =	157
Total Sale Acres =	157



- LEGEND**
- Fish Stream
  - Non-fish Stream
  - Unknown Stream
  - Ownership Boundary
  - Roads**
  - Gravel
  - Paved
  - Vacated
  - New Road Construction
  - New Landing Construction
  - Timber Sale Boundary
  - 40ft. Contour lines

Map A: Topography



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Winslow

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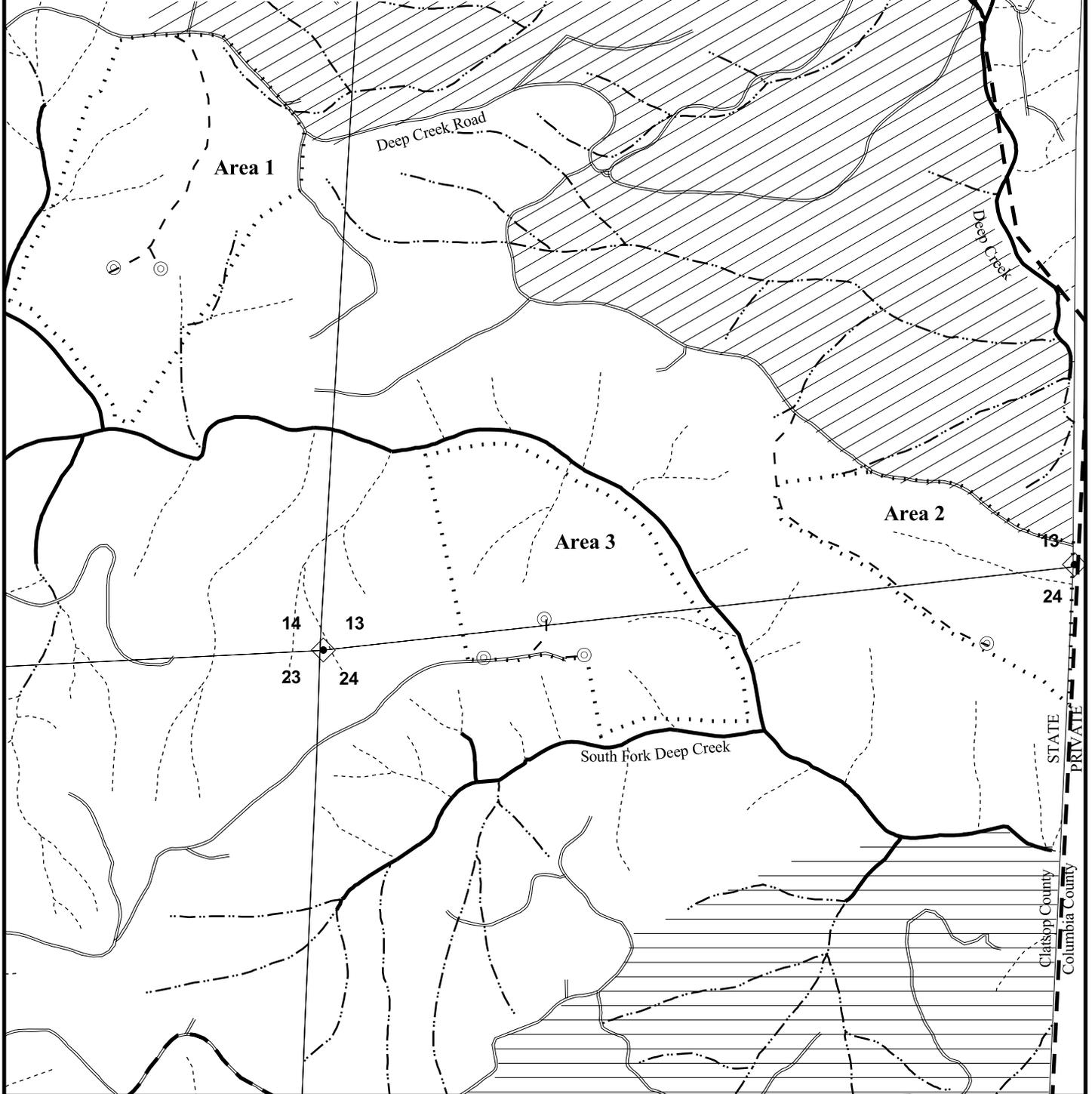


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  - Gravel
  - Paved
  - Vacated
  - New Road Construction
  - New Landing Construction
  - Timber Sale Boundary
  - Desired Future Conditions**
  - Layered
  - Older Forest Structure

Map B: Desired Future Conditions



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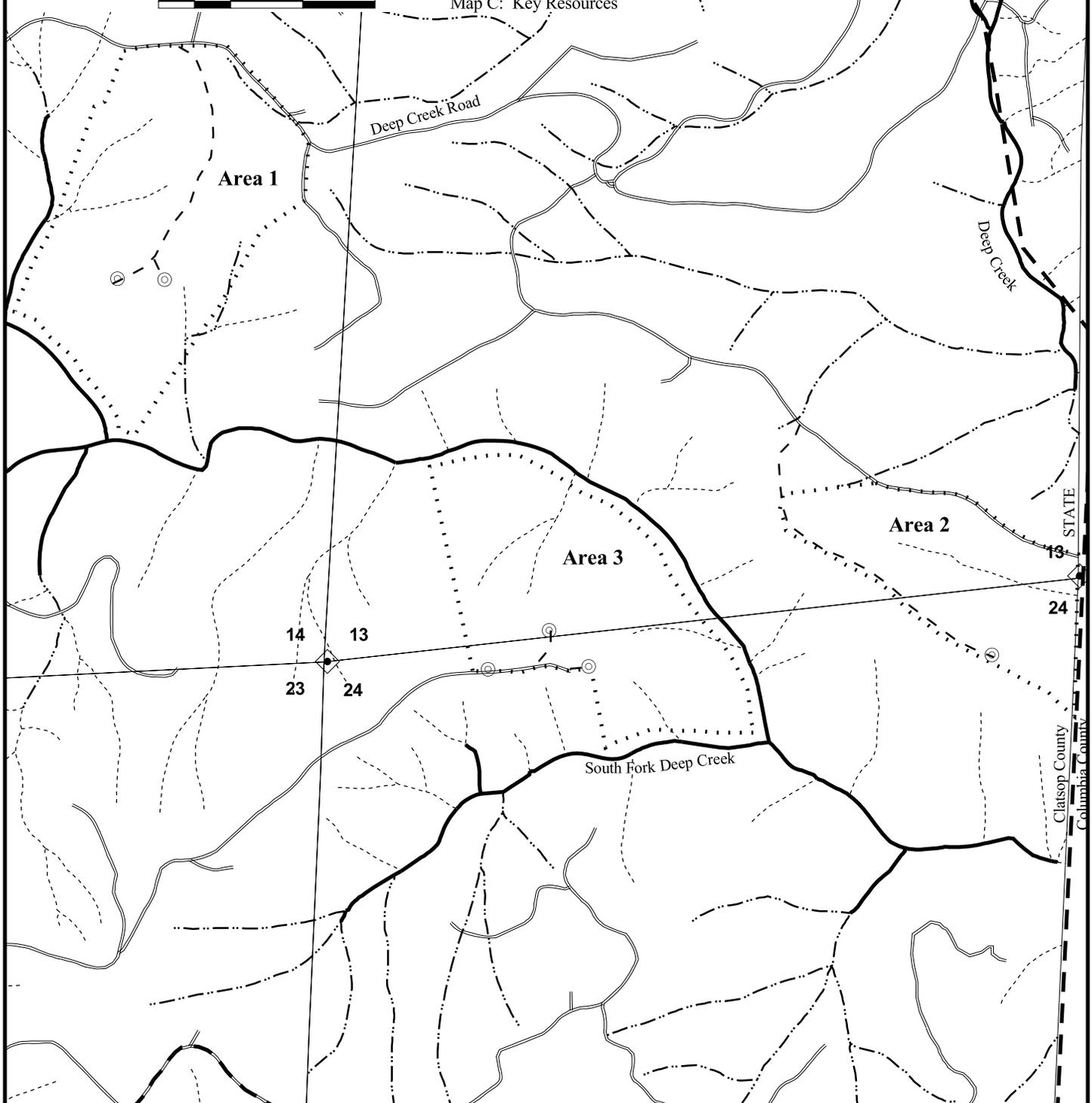
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Map C: Key Resources



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13

13

24

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24

Clatsop County  
Columbia County

STATE