

Pre-Operations Report

Operation Name: Coast Range South

County (%): Tillamook (100%)

Elevation: 1,284 - 2,447 ft

Legal Description: T2S R8W, Section(s) 35; T3S R8W, Section(s) 1, 2

Tax Code(s): 800

BOF%: 100 **CSL%:** 0

Sale Quarter: 2

I. VOLUME AND VALUE SUMMARY

Table 1. Types, Acres, and Value

Unit	Harvest Type	Anticipated Product ^c	Gross Acres	Net Acres	MBF/ Acre ^a	MBF/ Unit ^a	\$/MBF ^b	\$/Unit
883	PC	DF-M, RA-S	88	84	8.0	672	\$300	\$201,600
884	PC	DF-M, RA-S	28	24	8.0	192	\$300	\$57,600
885	PC	DF-M, RA-S	123	108	8.0	864	\$300	\$259,200
Total		Regeneration	0	0		0		
		Partial Cut	240	216		1,728		
						Gross Value		\$518,400
a. Estimated harvest volume per acre for Unit.						Project Costs		\$265,000
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$253,400
c. Anticipated Product (AA-B-C) – AA) SLI species code of the bid species, B) Size Class (S – small [average DBH < 15], M – medium [average DBH 15 to 23], L – large (average DBH > 23]), C) Special Product (P – Premium, H – Hardwood)								

II. CURRENT STAND CONDITION:

Table 2. Stand Inventory Information

Unit	Stand ID	Measured/Imputed ^a	Species	Age	TPA	DBH	BA	SDI	Net Acres ^b
883	37415	I = 35526	DF,RA	61	108	18	189	46%	8
883	37534	I = 37542	DF,RA	56	161	16	221	56%	8
883	37535	M	DF,RA	56	98	19	191	45%	6
883	37586	M	DF,RA	56	114	16	167	42%	46
883	37587	M	DF,RA	56	92	18	159	39%	16
884	32687	M	DF,RA	55	138	16	203	51%	17
884	37590	M	RA,DF	61	175	14	193	51%	6
885	37420	I = 37447	DF, RA	66	137	17	215	53%	6
885	37588	I = 37418	RA,RC	55	189	15	242	63%	2
885	37589	I = 37719	DF,RA	55	138	17	204	51%	67
885	37648	I = 37587	DF,RA	55	92	18	159	39%	22
885	37649	I = 31509	RA,DF	55	155	16	204	52%	11

a. Identify the source of stand inventory information. Use the following codes: M = Measured SLI data, I = Imputed SLI data, P = Pre-Cruise Plots, O = other (if other, describe below).

b. Net Acres have been rounded to the nearest whole acre in this table. Stand that comprise less than one acre of a harvest unit are not reported in this table, so the total "Net Acres" per unit in this table may not equal the total "Net Acres" per unit in table 1.

- These stands were planted but have no record of pre-commercial or commercial thinning.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre ^a	Down Wood/ Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
883	37415	16	116	--	--	--
883	37534	8	89	--	--	--
883	37535	9	984	--	--	--
883	37586	7	27	--	--	--
883	37587	9	973	--	--	--
884	32687	16	467	--	--	Sprayed Alder
884	37590	14	45	--	--	Sprayed Alder
885	37420	11	195	--	--	--
885	37588	20	138	--	--	--
885	37589	12	704	--	--	--
885	37648	9	973	--	--	--
885	37649	11	196	--	--	--

- a. Identify the number of hard snags per acre (decay classes 1 and 2)
b. Identify the cubic feet per acre of hard down wood (decay classes 1 and 2)
c. Describe "Other" forest health issue.

III. WILDLIFE AND T&E SPECIES CONSIDERATIONS:

Foresters need to read the Biological Survey Tracking Form (BSTF) prior to sale layout in order to ensure all T&E related information is understood. (Consult the ODF Wildlife Biologist assigned to the District for the BSTF.)

- A portion of the operation is within (Check all that apply):
☐ TAS ☒ NSO Circle or Home Range, or Baseline or Elevated Baseline Thiessen (BA required)
• ☐ MMMA (BA required) ☐ None There has been no recent activity within this circle, and risk is "low." District should allow 60 days for the final BA prior to sending contract to Salem.
- Are Surveys for NSO being conducted for any portion of this operation?
☐ No ☒ Density Surveys ☐ Operational Surveys ☐ Combination (Density/Operational)

Notes:

- Are Surveys for MM being conducted for any portion of this operation?
☒ Yes (in progress/completed) ☐ No (Not habitat) ☐ N/A (outside of MM survey zone)
Notes: Unit 885 was surveyed for marbled murrelets in 2021/2022. These surveys expire on 04/01/2028.
- Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant [from ORBIC¹], big game habitat/management, other)?
☐ No ☒ Yes, please describe: The ORBIC layers indicates the potential presence of the keeled jumping-slug (*Hemphillia burringtoni*) and Tillamook westernslug (*Hesperarion mariae*) within 1/4 mile of Unit 883. District will consult the ODF Wildlife Biologist prior to sale layout.

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ^a
883	37415	UDS	GEN	Yes	8
883	37534	UDS	GEN	Yes	8
883	37535	UDS	GEN	Yes	6
883	37586	LYR	GEN	Yes	46
883	37587	UDS	GEN	Yes	16
884	32687	UDS	GEN	Yes	17
884	37590	UDS	GEN	Yes	6
885	37420	UDS	GEN	Yes	6
885	37588	LYR	GEN	Yes	2
885	37589	UDS	GEN	Yes	67
885	37648	UDS	GEN	Yes	22
885	37649	UDS	GEN	Yes	11

a. Net Acres have been rounded to the nearest whole acre in this table. Stand that comprise less than one acre of a harvest unit are not reported in this table, so the total “Net Acres” per unit in this table may not equal the total “Net Acres” per unit in table 1.

Table 5. Partial Cut & HCA Prescriptions (Complete only for Partial Cut and HCA Harvests)

Unit	Harvest Type	Harvest Species	Residual			
			Species	TPA	BA	% SDI
883	PC	DF, RA	Mixed	90-120	140-160	30-35
884	PC	DF, RA	Mixed	90-120	140-160	30-35
885	PC	DF, RA	Mixed	90-120	140-160	30-35

- All of the units are planned healthy conifer first entry moderate thinnings within the Habitat Conservation Areas. The intent of thinning within these areas is to promote habitat by thinning out the dense structure allowing more light to reach the forest floor. This will help maintain growth and enhance limb and crown structure of the dominant cohort and foster natural recruitment of minor tree and understory species. It will also improve trajectories for understory development, compositional diversity, and canopy layering ultimately aiding in the development of higher quality suitable habitat and mature forest connectivity. Prescriptions may incorporate a mix of gap-cuts, areas of untreated stands, and variable density thinning prescriptions. Residual tree selection will emphasize preserving the trees of good form and vigor with the largest diameter and height. Minor species will be evaluated to reserve based on the composition of the stand and the amount of diversity present. Downed woody debris needs will be considered in harvest prescription to benefit both the keeled jumping-slug and Tillamook western slug. District staff will work with their assigned ODF Wildlife Biologist during sale layout.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Area Access	Seasonal Access
	% Cable	% Ground			
883	100	0	46	Simple	Dry Weather Only
884	100	0	32	Simple	Dry Weather Only
885	100	0	43	Simple	All Weather

- Haul Route: Grindstone, Coast Moon Tie, Coast Range South (Upper), South Fork Trask.
 - There are no gates on the haul route.
- Haul Route Condition: Most of the haul routes will need minor maintenance for this sale. The upper part of Coast Range South Road will receive a lift of rock.
- Are easements required for the haul route? ☒ Yes ☐ No
 - Easement 311.29395 from BLM for Coast Moon Tie and the upper part of Coast Range South. Easement 311.29246 for South Fork Trask. A right-of-way permit from BLM is required for the spur for Unit 885.

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.49	1.73
Improve, Rock, and/or Maintain	8.50	5.27	0.13	0
Vacate	0	0	0	0
Stream Crossings to install existing (IE)/replace (R)/new construction (NC)				
Type F - SSBT ^a	0	0	0	0
Type F – Non-SSBT	0	0	0	0
Type N	0	0	0	0

a. Salmon Steelhead and Bull Trout (SSBT)

- Rock Sources for this operation: Coast Moon Pit (Sec2 T3SR8W), South Fork Trask stockpile (Sec12 T2SR8W), High Face Pit stockpile (Sec4 T3SR7W).
- Are property line surveys required for this operation? ☐ Yes ☒ No
 - The property line to the south boundary of Unit 885 was surveyed and blazed by BLM.
- Is there planned new road construction planned within RCAs/HCAs? ☒ Yes ☐ No
 - New road construction within HCAs will only occur when other alternatives are not operationally or economically feasible. Planned new road construction will be evaluated as it is further refined during sale layout.

VI. AQUATIC RESOURCES:

1. Do any streams require additional review for the following?
 - Fish presence ☒ No ☐ Yes
 - Perennial/Seasonal: ☒ No ☐ Yes
 - H.E.R./P.D.F.T: ☐ No ☒ Yes
 - Several unknown streams may exist within the sale. Buffers shown on the map indicate where it is believed streams are located. Unknown streams will be verified for fish presence, permanence, and/or type of seasonal stream during sale layout and Geotech review and buffered as required.
2. Is a portion of the operation within an Aquatic Anchor? ☒ No ☐ Yes, name:
3. Are any Points of Diversion (Domestic Water) located downstream within 3,000 feet of Operations? ☒ No ☐ Yes, describe protection measures:
4. Is there a Stream Enhancement Project planned? ☒ No ☐ Yes, please describe:

VII. SLOPE STABILITY ISSUES:

Table 8. Summary of Slope Stability Assessment

Unit	Harvest Review Complete?	Public Safety Review Complete?	Additional Comment
883	N	Y	--
884	N	Y	--
885	N	Y	--

Geotech Review: Initial geotechnical reviews have been completed and those findings have been incorporated into No Harvest buffers. Some slope protections are dependent on stream surveys that have not yet been completed. Consultation with the Geotechnical Specialist is required during sale layout as stream surveys are completed in order to determine if additional protections are required.

VIII. RECREATION RESOURCES:

1. Recreation issues/coordination: ☒ No ☐ Yes, please describe:

IX. HISTORIC AND CULTURAL RESOURCES:

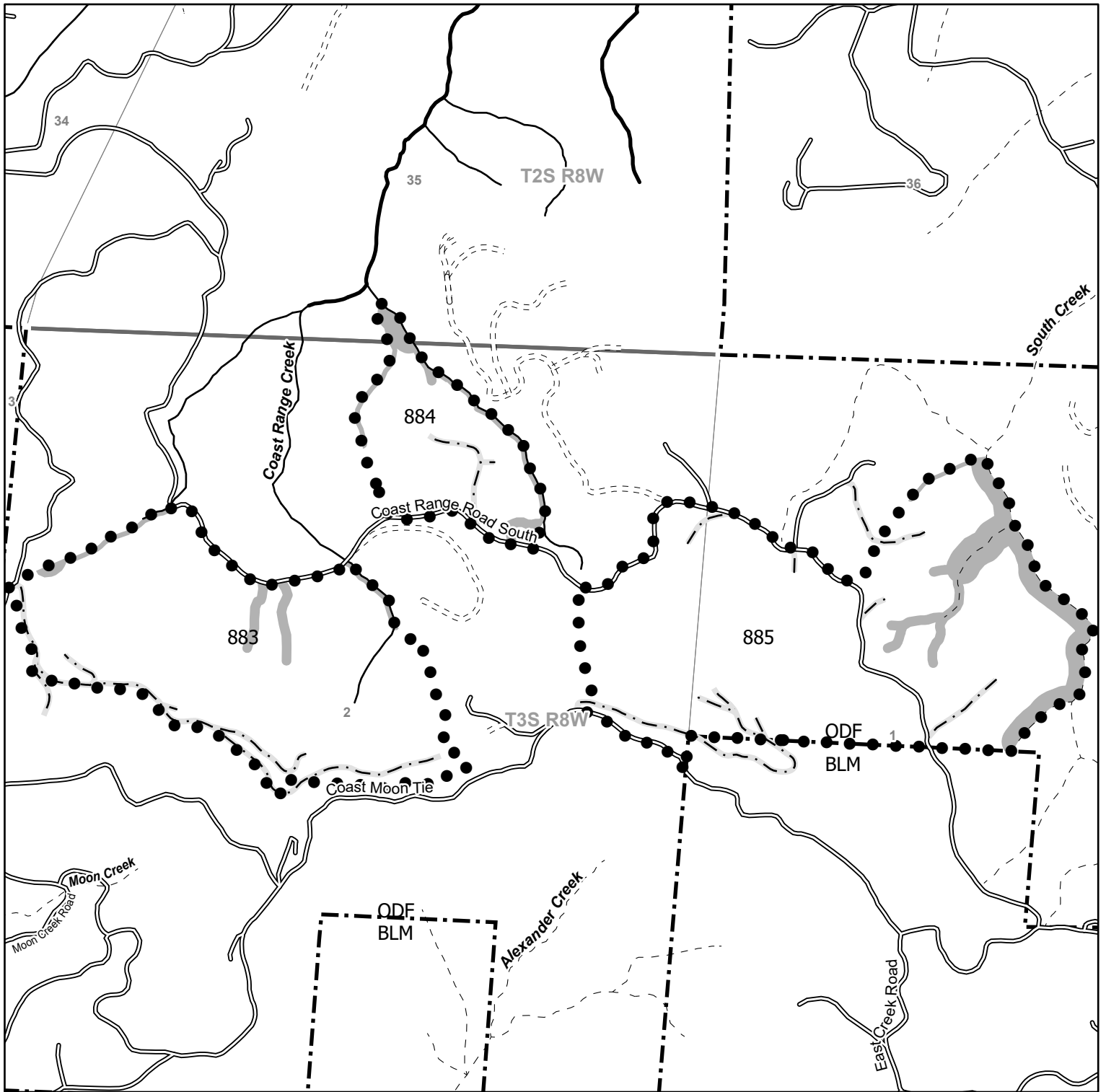
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence?
☒ Yes ☐ No

X. SCENIC RESOURCES:

1. Are there scenic resources in the vicinity of this operation that need additional consideration? ☒ No ☐ Yes, please describe:

XI. OTHER RESOURCE CONSIDERATIONS:

1. Has a review of the FLMCS layer determined that any resources not mentioned in the report above need additional planning? ☒ No ☐ Yes, describe below
2. Are there any other resources present that need additional consideration? ☐ No ☒ Yes, please describe: This timber sale is adjacent to BLM ownership.



Legend

- ● Sale Boundary
- Surfaced
- - - Unsurfaced
- - - New Road Construction
- Perennial Fish Stream
- Perennial Nonfish Stream
- - - Unknown Streams
- No Harvest Area
- No Harvest - Existing Road; New Construction
- - - Ownership Boundary

FY 2025 - Tillamook District Coast Range South Portions of Section(s) 1, 2, T3S, R8W, W.M. Tillamook County

State Forest Division
02/16/2024

This product is for informational use and may not have been prepared for or be suitable for legal, engineering or survey purposes. Variations may exist between and among data sets in use by the Department of Forestry.

This map was developed using the Statewide Stream layer layer.

1:12,000

1,000 500 0 1,000 Feet



Unit 883	84	Acres (PC)
Unit 884	24	Acres (PC)
Unit 885	108	Acres (PC)

Total 216 Acres

