

Pre-Operations Report

Operation Name: Bobcat Spur

County (%): Tillamook (100%)

Elevation: 433 - 1,804 ft

Legal Description: T1S R7W, Section(s) 20, 21, 29

Tax Code(s): 902

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

Sale Quarter:

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
187	CC	RA-S, DF-S	103	84	18.0	1,512	\$300	\$453,600
567	CC	DF-M, RA-S	100	81	18.0	1,458	\$300	\$437,400
Total		Regeneration	203	165		2,970		
		Partial Cut	0	0		0		
						Gross Value		\$891,000
a. Estimated harvest volume per acre for Unit.						Project Costs		\$176,440
b. Estimated ‘price’ (excluding Project Costs)						Net Value		\$714,560
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
187	32717	M	--	19	373	6	75	28%	18
187	32732	I = 32629	RA,CH	59	137	15	157	41%	23
187	37994	M	RA,DF	59	146	15	172	45%	30
187	38000	I = 30877	DF,RA	59	197	14	202	55%	12
567	32717	M	--	19	373	6	75	28%	2
567	37947	I = 32688	DF,RA	59	98	18	173	42%	6
567	37950	I = 37817	RA,SS	61	85	19	162	39%	14
567	37951	M	DF,WH	23	--	--	--	0%	12
567	37958	I = 30156	DF,RA	61	151	14	159	43%	9
567	37962	M	RA,DF	61	149	15	184	48%	13
567	38001	I = 30352	DF,RA	61	133	16	186	47%	11
567	38006	M	DF,RA	59	196	15	225	59%	13

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, a small portion of Unit 567 was commercially thinned in 2000, the remaining acres, as well as Unit 187, have no record of pre-commercial or commercial thinning.

- Stands 32717 and 37951 show younger stand ages as these areas were harvested in 2003 and 2000, respectively. These are areas that will need to be yarded through for this harvest so are included in the sale boundary, though the majority of the merchantable volume for this sale will come from outside these stands.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre ^a	Down Wood/ Acre ^b	Forest Health		
				SNC	Phellinus	Other ^c
187	32717	0	1293	Yes	--	Sprayed Alder
187	32732	1	21	Yes	--	Sprayed Alder
187	37994	3	40	Yes	--	Sprayed Alder
187	38000	19	834	Yes	--	Sprayed Alder
567	32717	0	1293	Yes	--	Sprayed Alder
567	37947	9	843	Yes	--	--
567	37950	14	77	Yes	--	Sprayed Alder
567	37951	0	770	Yes	--	Sprayed Alder
567	37958	7	367	Yes	--	Sprayed Alder
567	37962	5	230	Yes	--	Sprayed Alder
567	38001	23	83	Yes	--	Sprayed Alder
567	38006	5	65	Yes	--	Sprayed Alder

- 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.)

1. 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

2. Are Surveys for NSO being conducted for any portion of this operation?

☐ No ☒ Density Surveys ☐ Operational Surveys ☐ Combination (Density/Operational)

Notes:

3. 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: Surveys are being conducted for both units in 2023/2024. These surveys will expire on April 01, 2030.

4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant [from ORBIC¹], big game habitat/management, other)?

☒ No ☐ Yes, please describe:

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ^a
187	32717	CSC	GEN	No	18
187	32732	UDS	GEN	No	23
187	37994	UDS	GEN	No	30
187	38000	UDS	GEN	No	12
567	32717	CSC	GEN	No	2
567	37947	UDS	GEN	No	6
567	37950	UDS	GEN	No	14
567	37951	CSC	GEN	No	12
567	37958	UDS	GEN	No	9
567	37962	UDS	GEN	No	13
567	38001	UDS	GEN	No	11
567	38006	UDS	GEN	No	13

- 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
All	CC	--	--	--	--	--

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Area Access	Seasonal Access
	% Cable	% Ground			
187	100	0	44	Simple	Combo
567	100	0	40	Established	All weather

- Haul Route: Bobcat Spur, North Fork Trask.
 - There are no gates on the haul route.
- Haul Route Condition: The North Fork Trask Road is a seasonally restricted road that will need grading and spot rock with project work. Bobcat Spur will need grading and spot rock with project work too. There is an option to haul up to Hembre Ridge Road and out Trask Cutoff. The North Fork Trask Road, Hembre Ridge Road, and Trask Cutoff Road have all been rocked and maintained with recent timber sales.

3. Are easements required for the haul route? ☒ Yes ☐ No

- 311.29509

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	0.64	0.91
Improve, Rock, and/or Maintain	3.25	1.99	1.35	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	1 (R)	6 (NC)	0

a. Salmon Steelhead and Bull Trout (SSBT)

4. Rock Sources for this operation: North Fork Trask Pit, Hembre Ridge Pit, Bobcat Pit, crushed stockpile

5. Are property line surveys required for this operation? ☐ Yes ☒ No

6. Is there planned new road construction planned within RCAs/HCAs? ☒ Yes ☐ No

- New road construction along the edge of RCAs 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

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:

- There is potential for a stream enhancement Project in the North Fork Trask River (Unit 187) and Hembre Creek (Unit 567). Additional desktop and field reviews shall be conducted to determine the best candidates to focus stream enhancement efforts on over this fiscal year. District State Forest staff shall consult with the ODF Aquatic and Riparian Specialist and the local ODFW Habitat Biologist to help determine the feasibility and logistics of the project during sale layout.

VII. SLOPE STABILITY ISSUES:

Table 8. Summary of Slope Stability Assessment

Unit	Harvest Review Complete?	Public Safety Review Complete?	Additional Comment
187	N	Y	
567	N	Y	See road comment

- **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 streams surveys are completed in order to determine if additional protections are required.

VIII. RECREATION RESOURCES:

1. Recreation issues/coordination: ☐ No ☒ Yes, please describe:
 - A segment of the Bobcat Trail exists within sale area #187. The Marketing Unit and Roads Unit will work closely with the Recreation Program during sale layout, contract writing, and sale administration to minimize impact to the recreational trail and mitigate public use safety concerns.

The recreation trail will be temporarily closed when safety hazards are present during timber sale activity and re-opened once sale activity is completed or when safe to do so. Trail segments impacted by road construction will be evaluated for re-route construction post timber harvest. The Recreation Program may perform maintenance upgrades to improve sustainability and improve hydrological disconnection during closure to minimize impact to the public.

IX. HISTORIC AND CULTURAL RESOURCES:

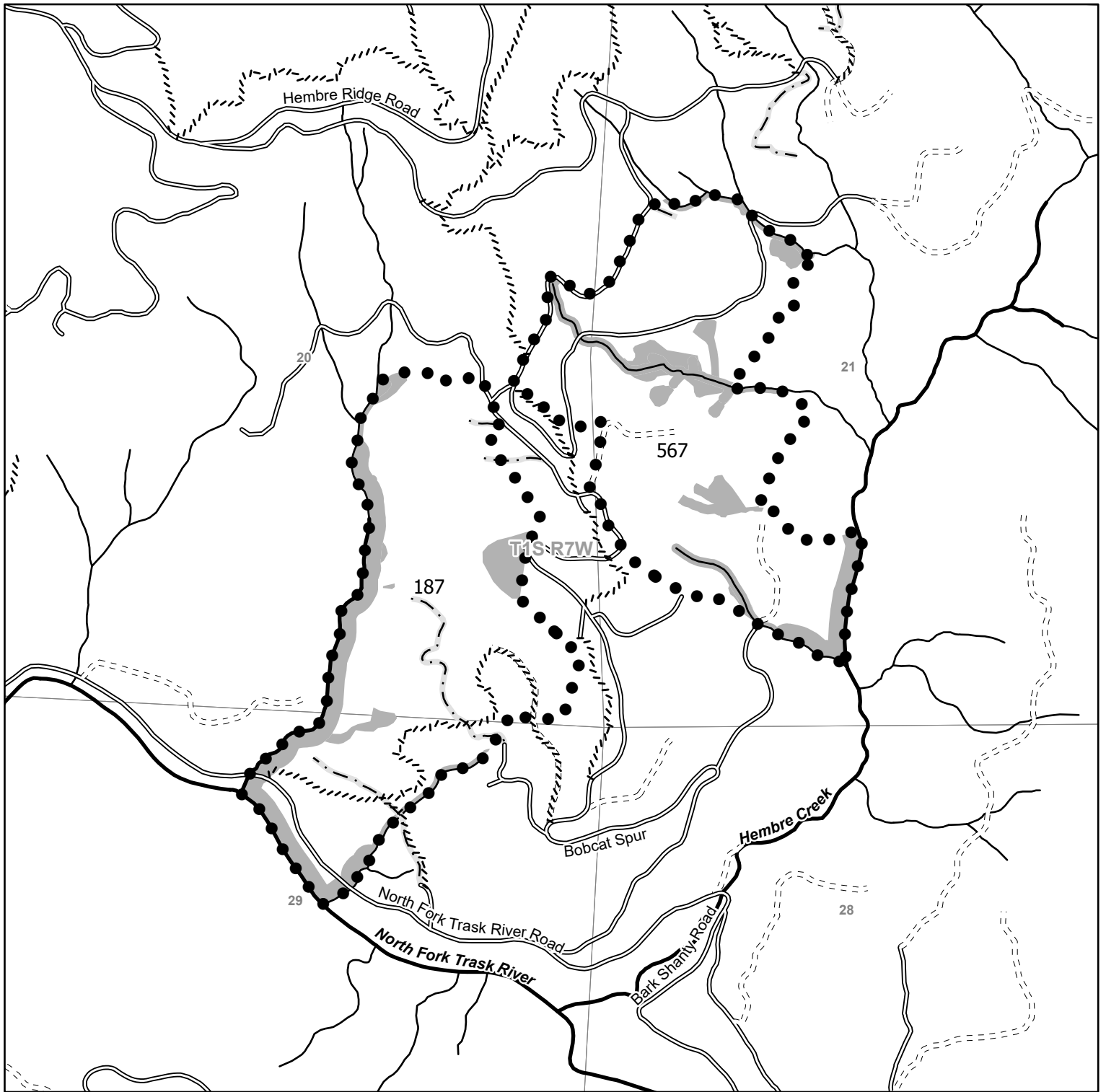
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence?
☒ Yes ☐ No

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,
 - The layer shows that there is an “oust study” present within Unit 187. Additionally, approximately 7 acres of Unit 187 fall within the “County Land Use Resolution” deed (Focused Stewardship). District staff will assess these acres for the appropriate harvest prescription.
2. Are there any other resources present that need additional consideration? ☒ No ☐ Yes, please describe:



Legend

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

FY 2025 - Tillamook District Bobcat Spur Portions of Section(s) 20, 21, 29, T1S, R7W, 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.

Unit 187	84 Acres (CC)
Unit 567	81 Acres (CC)

Total 165 Acres

1:12,000

