Pre-Operations Report

Operation Name: Quarrytown
Tax Code(s): 901, 902
County (%): Tillamook (100%)
BOF%: 100% **CSL%:** 0%
Elevation: 1,201 - 2,372 ft
Sale Quarter: 3
Legal Description: T1S R7W, Section(s) 33, 34; T2S R7W, Section(s) 2, 3, 4

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
547	CC	DF-M, RA-S	65	61	26.0	1,586	$415	$658,190
569	CC	DF-M, RA-S	130	114	26.0	2,964	$415	$1,230,060
571	CC	DF-S, RA-S	116	104	26.0	2,704	$415	$1,122,160
682	CC	DF-M, RA-S	65	44	26.0	1,144	$415	$474,760
Total		Regeneration	375	323		8,398		
		Partial Cut	0	0		0		
						Gross Value		$3,485,170
a. Estimated harvest volume per acre for Unit.						Project Costs		$301,300
b. Estimated 'price' (excluding Project Costs)						Net Value		$3,183,870
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]
547	35463	I = 35460	DF,RA	59	108	18	189	46%	35
547	35465	I = 35444	DF,RA	59	168	14	189	50%	7
547	36213	I = 35511	DF,RA	59	109	17	164	41%	19
569	32500	M	DF,RA	54	111	16	160	40%	57
569	32501	M	DF,WH	54	72	18	132	32%	9
569	35529	I = 35608	DF,RA	55	146	15	179	47%	6
569	35530	I = 35526	DF,RA	55	108	18	189	46%	5
569	35536	M	RA,DF	54	188	15	219	58%	36
569	38558	M	RA,DF	54	156	16	221	56%	2
571	32277	M	DF,RA	54	124	15	152	40%	92
571	36252	M	RA,DF	71	179	14	193	52%	12
682	32432	M	DF,RA	69	64	20	131	31%	3
682	32446	I = 38012	DF,RA	69	130	16	171	44%	2
682	35630	M	DF,RA	58	92	19	181	43%	39

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, and portions of all four sale areas were commercially thinned between 2002 and 2004.

Table 3. Additional Stand Information

Unit	Stand ID	Snags/ Acre[a]	Down Wood/ Acre[b]	Forest Health		
				SNC	Phellinus	Other[c]
547	35463	16	116	Yes	--	Scotch Broom
547	35465	10	599	Yes	--	Scotch Broom
547	36213	10	168	Yes	--	Scotch Broom
569	32500	21	110	Yes	--	Scotch Broom
569	32501	10	641	Yes	--	Scotch Broom
569	35529	5	1224	Yes	--	Scotch Broom
569	35530	16	116	Yes	--	Scotch Broom
569	35536	8	82	Yes	--	Scotch Broom
569	38558	9	277	Yes	--	Scotch Broom
571	32277	14	78	Yes	--	Scotch Broom
571	36252	8	123	Yes	--	Scotch Broom
682	32432	5	134	Yes	--	Scotch Broom
682	32446	9	48	Yes	--	Scotch Broom
682	35630	17	98	Yes	--	Scotch Broom

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 request the Biological Survey Tracking Form (BSTF) from the ODF Wildlife Biologist prior to sale layout in order to ensure all T&E related information is complete and understood.

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:
4. Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant?
   ☒ No ☐ Yes, please describe:

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future[b]	Net Acres[a]	Inside of HCA Acres
547	35463	UDS	GEN	35	0
547	35465	UDS	GEN	7	0
547	36213	UDS	GEN	19	0
569	32500	UDS	GEN	57	0
569	32501	LYR	GEN	9	0
569	35529	UDS	GEN	6	0
569	35530	UDS	GEN	5	0
569	35536	UDS	GEN	36	0
569	38558	UDS	GEN	2	0
571	32277	UDS	GEN	92	0
571	36252	UDS	GEN	12	0
682	32432	UDS	GEN	3	0
682	32446	UDS	GEN	2	0
682	35630	UDS	GEN	39	0

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.

b. While desired future condition complex (Layered -LYR and Older Forest Structure – OFS) is mapped, targets for Regeneration, Closed Single Canopy and Understory stands are not. These stand types are typically referred to as General (GEN) when discussing desired future condition.

Table 5. Harvest Prescriptions

Unit	Harvest Type	Harvest Species	Residual (Partial Cut & HCA only)			
			Species	TPA	BA	% SDI
All	CC	DF, RA	--	--	--	--

- **Leave Tree Considerations:** Foresters will work with Wildlife Biologist during sale layout. The following should be considered when determining final leave tree arrangements.
    - Stand Characteristics: Prioritize larger diameter trees within each unit as part of the retention strategy.

Table 6. Reforestation

Unit	Planting Species Mix (%)*	TPA*	Considerations (ex. Elevation, SNC, Aspect, Animal Damage)
547	80 DF /20 WH	400	North Slope, High Elevation
569	75 DF / 20 WH / 5 NF	400	North face, gentle slopes
571	80 DF / 15 WH / 5 GF	400	South face, high likelihood of shallow or rocky soils.
682	90 DF / 5 WH / 5 NF	400	Southwest aspect, narrow harvest fingers will be a challenge for aerial site prep.

*These are estimates for planning purposes and will be adjusted as needed based on site conditions during implementation.

- **Reforestation Considerations:**
  - Aspect will play a role in this sale since there are some hard south facing slopes in some units.
  - Unit 571 will be the highest risk of a challenging stand establishment due to its aspect, steep slopes and potential for rocky soils in the ancient slide feature.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 7. Harvest System and Access Summary

Unit	Harvest System		Slope (%)	Unit Access	Seasonal Access
	% Cable	% Ground			
547	100	0	35	Simple	All Weather
569	100	0	42	Simple	All Weather
571	100	0	32	Simple	Combo
682	100	0	33	Simple	Combo

1. Haul Route: North Fork Trask, Bark Shanty, Township.
2. Haul Route Condition: The North Fork Trask, Bark Shanty, Township are all in need of minor spot patching and grading.
3. Are easements required for the haul route? ☐ No ☒ Yes
   - #311.29509 with Tillamook County at the start of the North Fork Trask.

Table 8. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	1.38	0.24
Improve, Rock, and/or Maintain	3.57	6.04	0.88	0
Vacate	0	0	0	0
Stream Crossings: install on existing road (IE)/replace on existing road (R)/install on new construction road (NC)				
Type F - SSBT[a]	0	0	0	0
Type F – Non-SSBT	0	0	0	0
Type N	0	0	4(NC)	1(NC)

a. Salmon Steelhead and Bull Trout (SSBT)

- Opportunities to vacate or block new or existing roads and/or spurs will be considered during sale layout.

4. Rock Sources for this operation: Cruiser Creek Pit, Rim Rock Pit.
5. Are property line surveys required for this operation? ☒ No ☐ Yes
6. Is there planned new road construction planned within RCAs/HCAs? ☐ No ☒ Yes

- New road construction within RCA and 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.: ☐ No ☒ Yes
     - There are streams within the sale that require additional review. Buffers shown on the map indicate where it is believed streams are located. These streams will be located, verified for 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 domestic points of diversion identified in the Oregon Water Resource Department's water rights information search GIS database located downstream within 3,000 feet of the harvest operation?

   ☒ No ☐ Yes, describe protection measures:
4. Are there any unregistered or unknown status domestic points of diversion that have been identified within the harvest operation? ☒ No ☐ Yes, please describe:
5. Is there a Stream Enhancement Project planned? ☒ No ☐ Yes, please describe:

VII. SLOPE STABILITY ISSUES:

Table 9. Summary of Slope Stability Assessment

Unit	Harvest Review Complete	Public Safety Review Complete
547	Y	Y
569	Y	Y
571	Y	Y
682	Y	Y

- **Geotech Review:** Initial geotechnical reviews have been completed and those findings have been incorporated into No Harvest buffers. Additional consultation with Geotechnical Specialists will be done during sale layout as needed.

VIII.RECREATION RESOURCES:

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

- Segments of Township Trail, Rimrock Trail, and Shantytown Trail exist within the sale boundaries. 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 trails and mitigate public use safety concerns.

- The recreation trails 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:

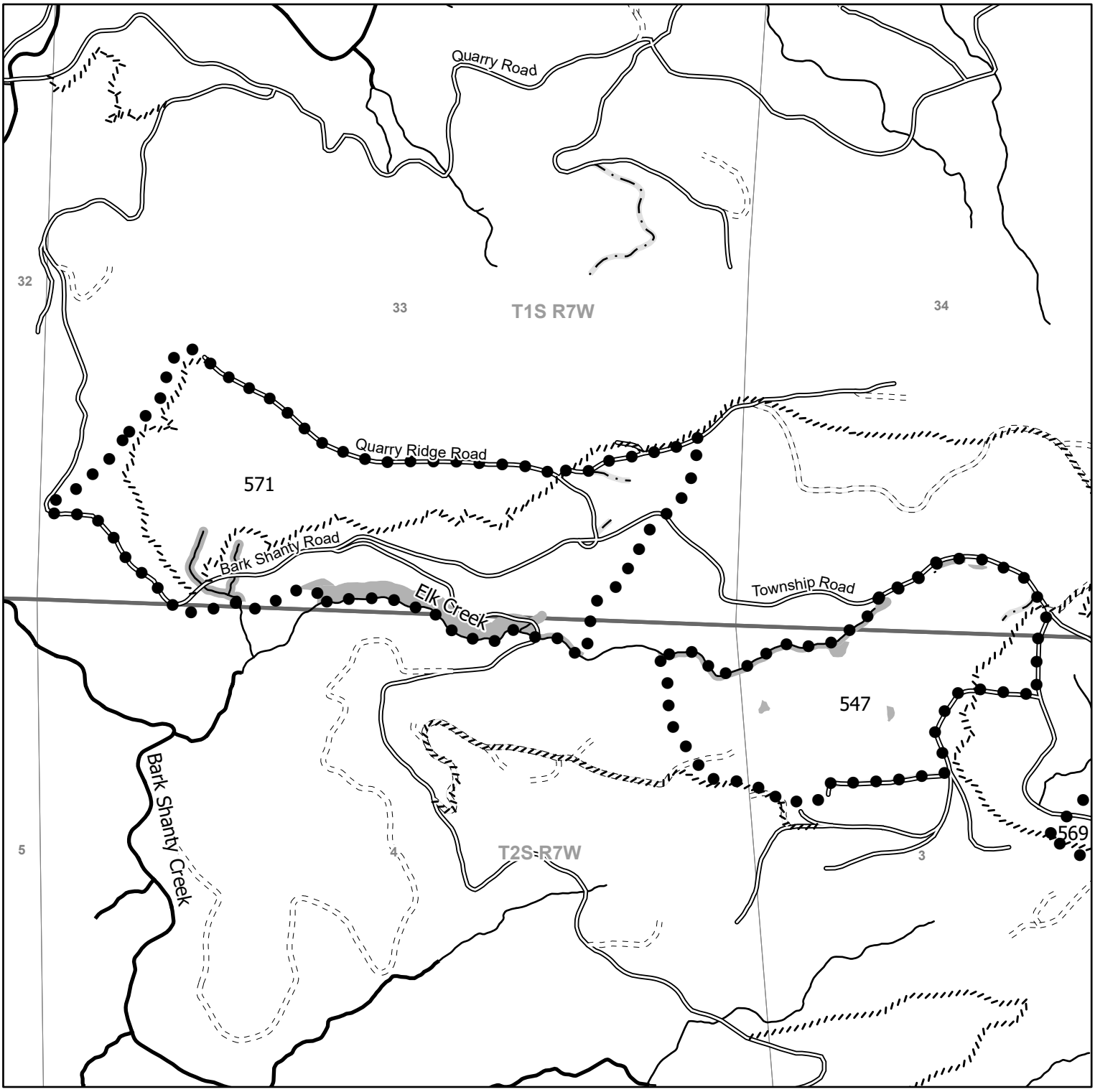
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence? ☐ No ☒Yes

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, please describe:
2. Are there any other resources present that need additional consideration? ☒ No ☐ Yes, please describe:



Legend

- Sale Boundary
- Surfaced
- Unsurfaced
- Ownership Boundary
- Perennial Fish
- Perennial Non-Fish
- New Road Construction
- Recreation Trails
- No Harvest Area
- No Harvest - Existing Road; New Construction

FY 2027 - Tillamook District
Quarrytown
Portions of Section(s) 33, 34, T1S, R7 & 2, 3, 4, T2S, R7W, W.M.
Tillamook County

State Forest Division
1/7/2026

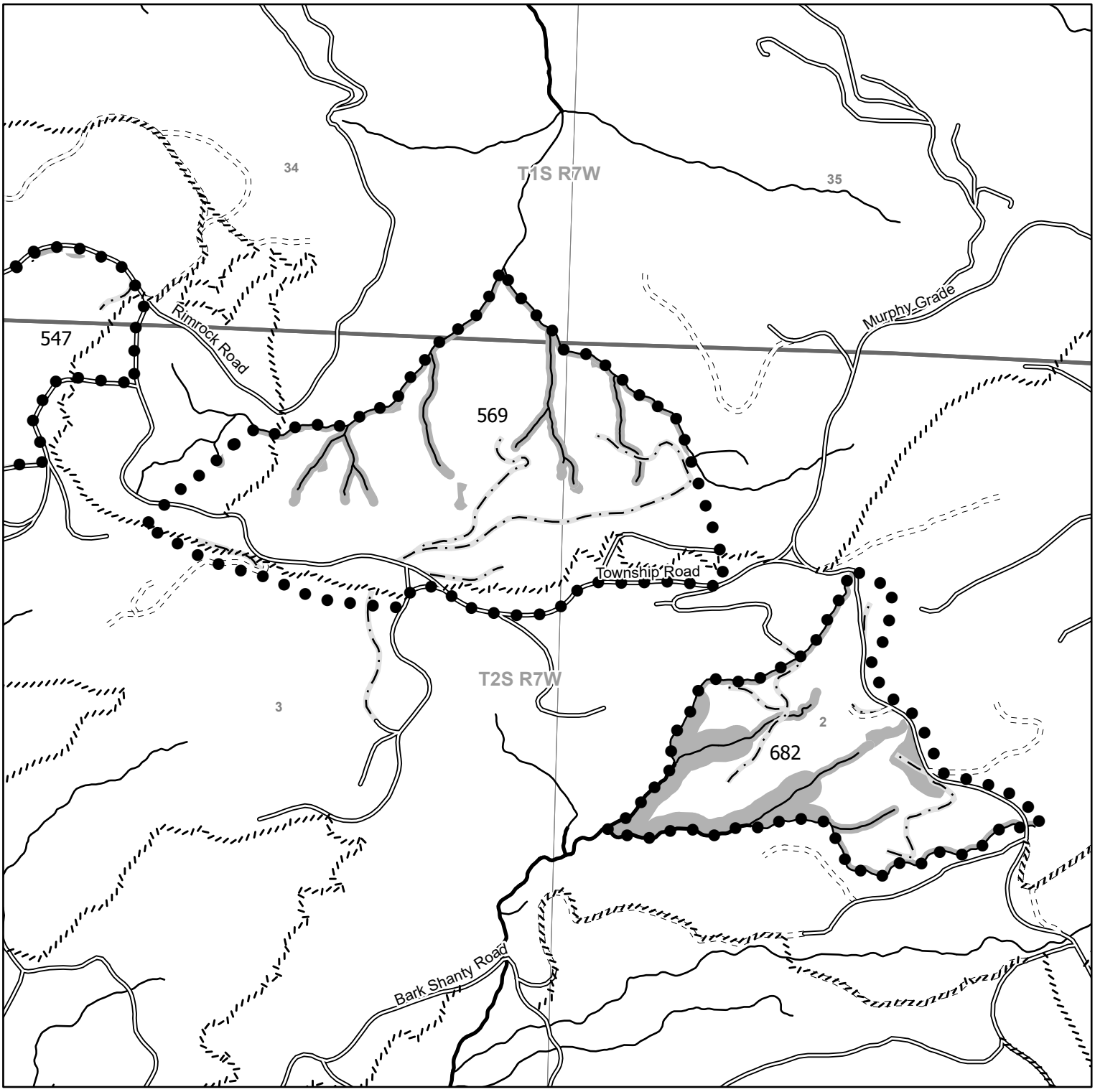
This product is for informational use and may not have been prepared for or be suitable for legal, engineering or survey purposes. Variations may exist between and among data sets in use by the Department of Forestry. This map was developed using the Statewide Flow Line layer layer.

1:12,000

1,000 500 0 1,000 Feet

Unit 547	61	Acres (CC)
Unit 569	114	Acres (CC)
Unit 571	104	Acres (CC)
Unit 682	44	Acres (CC)
Total	323	Acres

N



Legend

- Sale Boundary
- Surfaced
- Unsurfaced
- Ownership Boundary
- Perennial Fish
- Perennial Non-Fish
- New Road Construction
- No Harvest Area
- No Harvest - Existing Road; New Construction

FY 2027 - Tillamook District
Quarrytown
Portions of Section(s) 33, 34, T1S, R7 & 2, 3, 4, T2S, R7W, W.M.
Tillamook County

State Forest Division
1/7/2026

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 Flow Line layer layer.

1:12,000

1,000 500 0 1,000 Feet

Unit 547	61	Acres (CC)
Unit 569	114	Acres (CC)
Unit 571	104	Acres (CC)
Unit 682	44	Acres (CC)

Total 323 Acres

N