

Pre-Operations Report

Operation Name: Tin Pants
County (%): Tillamook (100%)
Elevation: 734 - 3,002 ft

Tax Code(s): 5600, 5601
BOF%: 100 **CSL%:** 0
Sale Quarter: 4

Legal Description: T2N R8W, Section(s) 2, 3, 10, 11, 12, 13, 14; T3N R8W, Section(s) 35

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
202	CC	DF-S, RA-S	151	114	22.0	2,508	\$318	\$797,544
211	CC	RA-S, DF-M	136	108	23.0	2,484	\$318	\$789,912
425	CC	DF-S, WH-S	144	118	23.0	2,714	\$318	\$863,052
510	CC	DF-M, WH-M	87	77	23.0	1,771	\$318	\$563,178
Total		Regeneration	517	416		9,477		
		Partial Cut	0	0		0		
							Gross Value	\$3,013,686
a. Estimated harvest volume per acre for Unit.							Project Costs	\$917,000
b. Estimated ‘price’ (excluding Project Costs)							Net Value	\$2,096,686
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
202	30872	I = 31310	RA,DF	56	199	14	202	55%	52
202	30874	I = 30587	DF,RA	56	182	14	192	52%	25
202	32760	M	DF,WH	56	45	20	103	24%	21
202	32957	I = 30834	DF,RA	56	165	15	198	52%	16
211	30846	I = 31359	RA,DF	72	150	16	202	52%	27
211	30847	I = 35131	RA,WH	72	192	14	203	54%	64
211	30848	I = 30847	RA,WH	72	192	14	203	54%	11
211	30851	M	RA,DF	54	161	14	182	48%	6
425	30758	M	DF,WH	54	401	10	203	63%	11
425	30759	I = 38519	WH,RA	56	356	12	274	78%	21
425	30829	I = 37103	RA,DF	68	206	13	200	54%	29
425	30833	I = 30758	DF,WH	56	401	10	203	63%	42
425	30834	M	DF,RA	56	165	15	198	52%	14
510	30829	I = 37103	RA,DF	68	206	13	200	54%	6

510	30832	I = 30758	DF,WH	56	401	10	203	63%	3
510	30870	I = 35608	DF,RA	56	146	15	179	47%	16
510	32760	M	DF,WH	56	45	20	103	24%	52

- 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 Units 202 and 510 were commercially thinned in 2008. Units 211 and 425 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
202	30872	22	183	Yes	--	--
202	30874	11	719	Yes	--	Sprayed Alder
202	32760	14	49	Yes	--	--
202	32957	20	819	Yes	--	--
211	30846	29	167	Yes	--	--
211	30847	12	89	Yes	--	Sprayed Alder
211	30848	12	89	Yes	--	Sprayed Alder
211	30851	30	56	Yes	--	--
425	30758	25	60	Yes	--	--
425	30759	12	216	Yes	--	--
425	30829	13	511	Yes	--	--
425	30833	25	60	Yes	--	--
425	30834	20	819	Yes	--	--
510	30829	13	511	Yes	--	--
510	30832	25	60	Yes	--	--
510	30870	5	1224	Yes	--	--
510	32760	14	49	Yes	--	--

- 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)

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: Unit 202 is being surveyed in 2023/2024. These surveys will expire on 04/01/2030.

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

☐ No ☒ Yes, please describe: The SOC layers indicate the potential presence of Purple Martin (Units 202/211/425/510) and Queen-of-the-forest (Units 202/211/510). For Purple Martin, leaving extra snags with a focus on grouping snags, and potential snag creation depending on what is available in the stand will support breeding habitat creation. Consult the ODF Wildlife Biologist assigned to the District for snag strategies prior to layout.

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

Unit	Stand ID	Current	Desired Future	Inside of HCA	Net Acres ^a
202	30872	UDS	GEN	No	52
202	30874	UDS	GEN	No	25
202	32760	UDS	GEN	No	21
202	32957	UDS	GEN	No	16
211	30846	UDS	GEN	No	27
211	30847	UDS	GEN	No	64
211	30848	UDS	GEN	No	11
211	30851	UDS	GEN	No	6
425	30758	UDS	GEN	No	11
425	30759	UDS	GEN	No	21
425	30829	UDS	GEN	No	29
425	30833	UDS	GEN	No	42
425	30834	UDS	GEN	No	14
510	30829	UDS	GEN	No	6
510	30832	UDS	GEN	No	3
510	30870	UDS	GEN	No	16
510	32760	UDS	GEN	No	52

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			
202	100	0	64	Verified	All Weather
211	100	0	47	Verified	All Weather
425	100	0	52	Verified	All Weather
510	100	0	59	Verified	All Weather

- Haul Route: Tin Shack Road, Cook Creek Road.
 - There are no gates on the haul route.
- Haul Route Condition: The haul route is in overall good condition with the exception of the portion of the road damaged in the 2015 winter storms. The damaged portion of Cook Creek Road will be repaired under a separate contract relocating the road uphill and away from the stream. Timber Sale project work will include replacement of a partial fish barrier and culvert with a bridge on a small unnamed Type F stream tributary of Cook Creek. See Section XI for additional information.
- Are easements required for the haul route? ☒ Yes ☐ No
 - Cook Creek Road through Oregon State Parks (311.29046).

Table 7. Transportation Management Summary (Miles)

Activity	Mainline	Collector	Rocked Spur	Dirt Spur
Construct	0	0	1.72	0.07
Improve, Rock, and/or Maintain	8.63	4.92	1.02	0
Vacate	0	0	0	0
Stream Crossings to install existing (IE)/replace (R)/new construction (NC)				
Type F - SSBT ^a	1 (R)	0	0	0
Type F – Non-SSBT	0	0	0	0
Type N	0	0	2 (NC)	0

a. Salmon Steelhead and Bull Trout (SSBT)

Bridge installation on a small type F unnamed tributary of Cook Creek replaces a 36 inch galvanized culvert. Bridge design and installation to be completed by timber sale purchaser.

- Rock Sources for this operation: Pits on Cook Creek for crushed and onsite rock for all other.
- Are property line surveys required for this operation? ☐ Yes ☒ No
- Is there planned new road construction planned within RCAs/HCAs? ☒ Yes ☐ No

- New road construction along the edge of 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: Cook Creek/Lower
 - Within the designated Aquatic Anchor no harvest stream buffers will be extended out to 50 feet when regeneration harvesting near small perennial, debris flow-prone, and high-energy non-fish streams as outlined in the State Forest Division Species of Concern Policy. These additional buffers are already incorporated into the sale buffers and are shown on the map. If additional information on streams is found during sale layout the buffers will be adjusted as required.
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 opportunity in Cook Creek (Unit 211). Additional 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
202	N	Y	See road and harvest recommendations
211	N	Y	See recommendations
425	N	Y	See harvest recommendations. Reconstruct through headwall need field review, if needed.
510	N	Y	See harvest and road recommendations

- **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:

IX. HISTORIC AND CULTURAL RESOURCES:

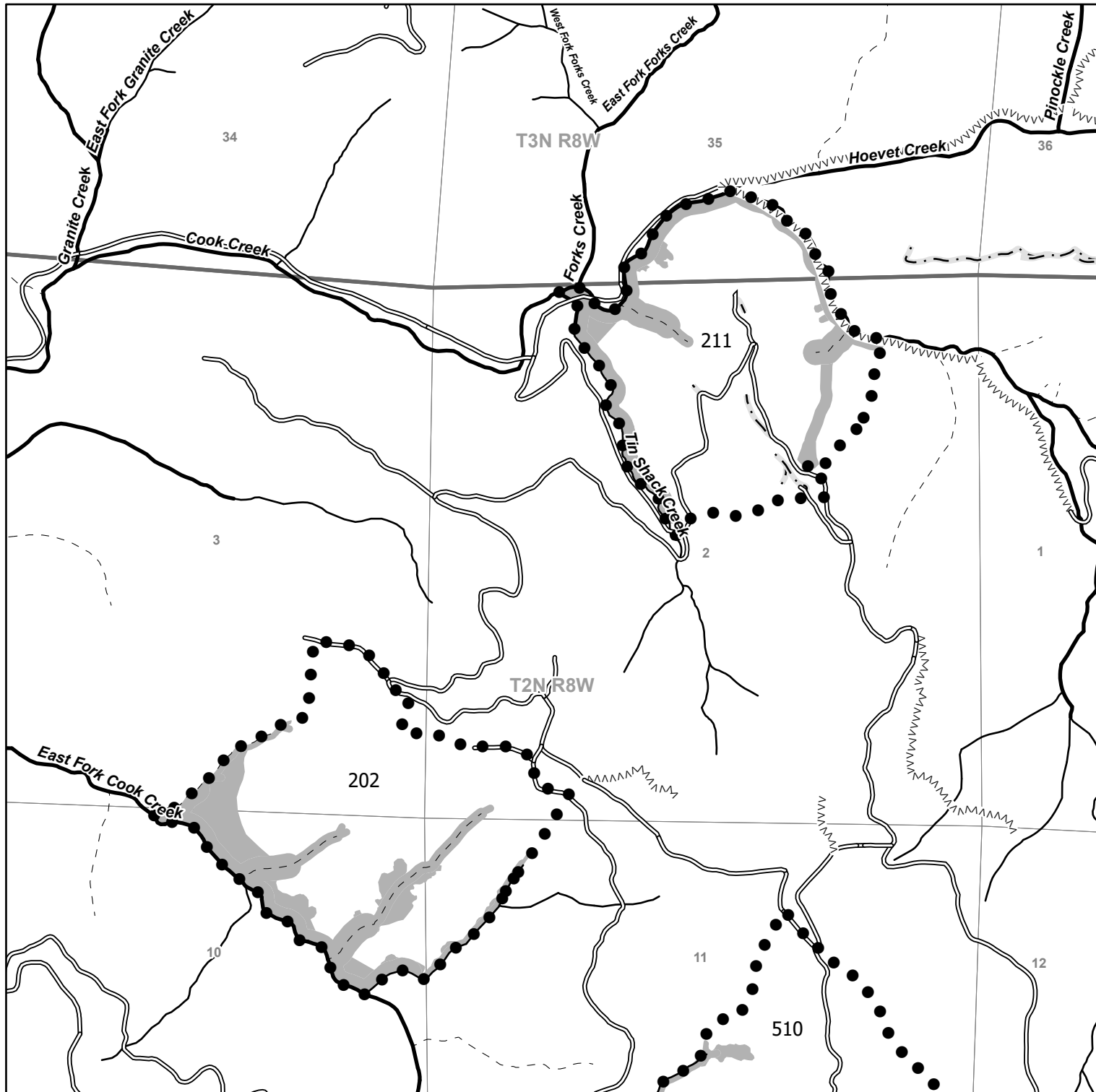
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence?
☒ Yes ☐ No

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:
- The Oregon Department of Forestry has awarded a Work Order Contract to relocate the damaged portion of Cook Creek Road in Tillamook County and will restore access to the basin. Access will be restored no later than the end of October 2025 when the Work Order Contract expires.



Legend

- ● Sale Boundary
- Paved
- Surfaced
- - - Unsurfaced
- vvvvv Abandoned or vacated
- - - 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

Tin Pants

**Portions of Section(s) 35, T3N, R8W & 2, 3, 10, 11, 12, 13, 14, T2N, 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.

1:15,800

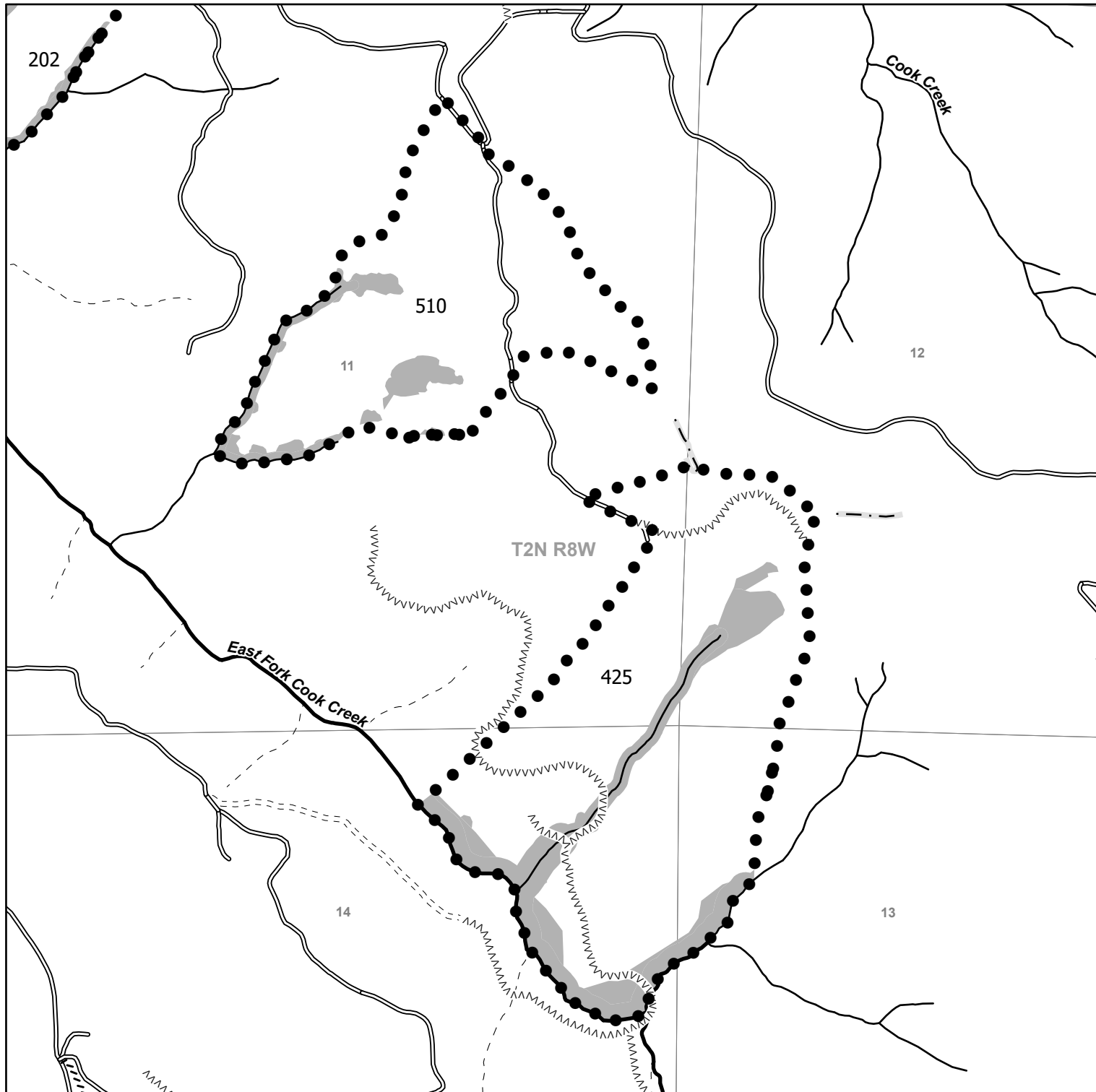
1,000 500 0 1,000 Feet



Unit 202	114	Acres (CC)
Unit 211	108	Acres (CC)
Unit 425	118	Acres (CC)
Unit 510	77	Acres (CC)

Total 416 Acres





- Legend**
- Sale Boundary
 - //// Recreation Trails
 - Paved
 - Surfaced
 - - - Unsurfaced
 - vvvv Abandoned or vacated
 - New Road Construction
 - Perennial Fish Stream
 - Perennial Nonfish Stream
 - - - Unknown Streams
 - No Harvest Area
 - No Harvest - Existing Road; New Construction
 - Ownership Boundary

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Portions of Section(s) 35, T3N, R8W & 2, 3, 10, 11, 12, 13, 14, T2N, R7W, W.M.
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