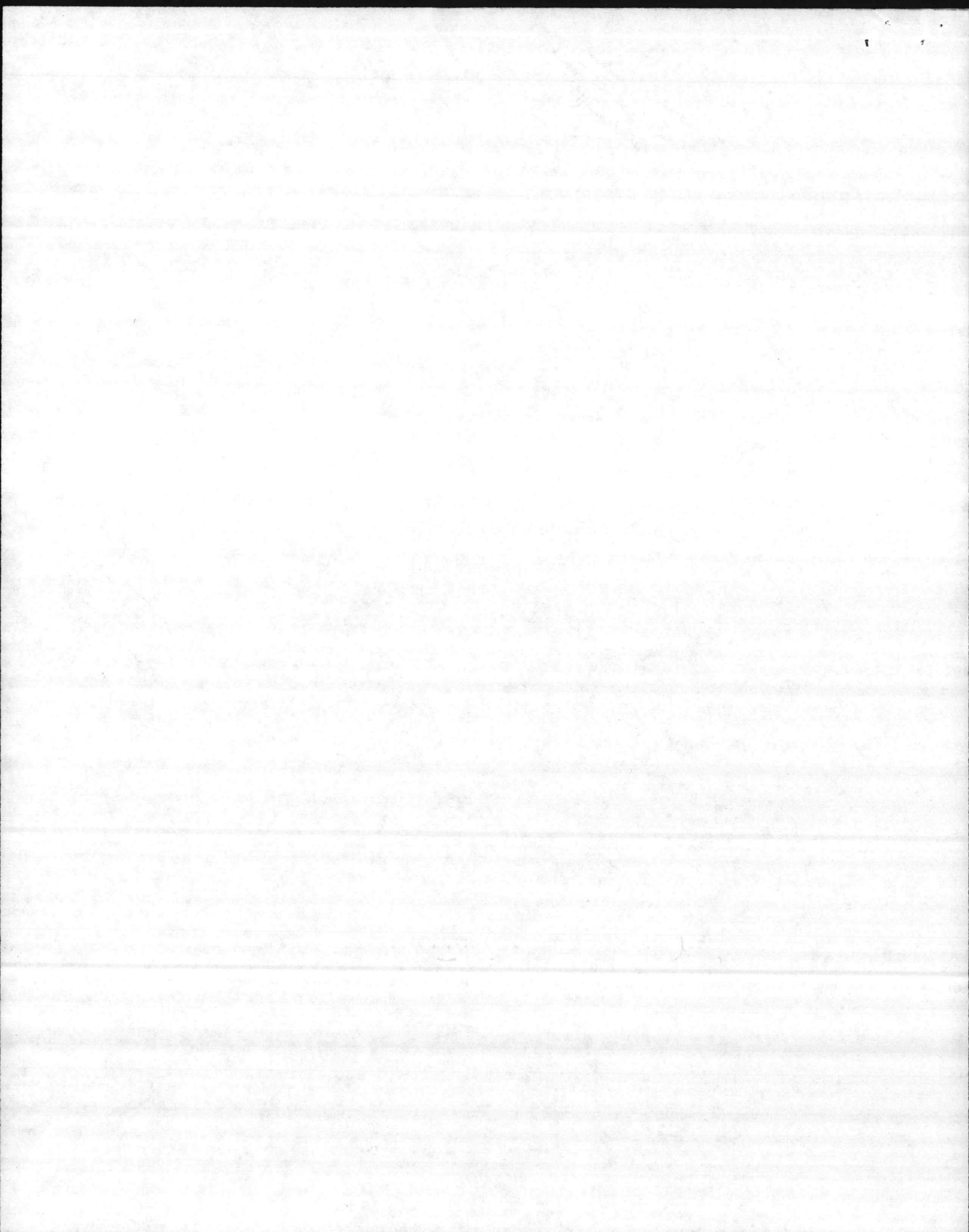


*made minor
changes in Deck
placement*

PROPOSED TREATMENT

COMPARTMENT 18



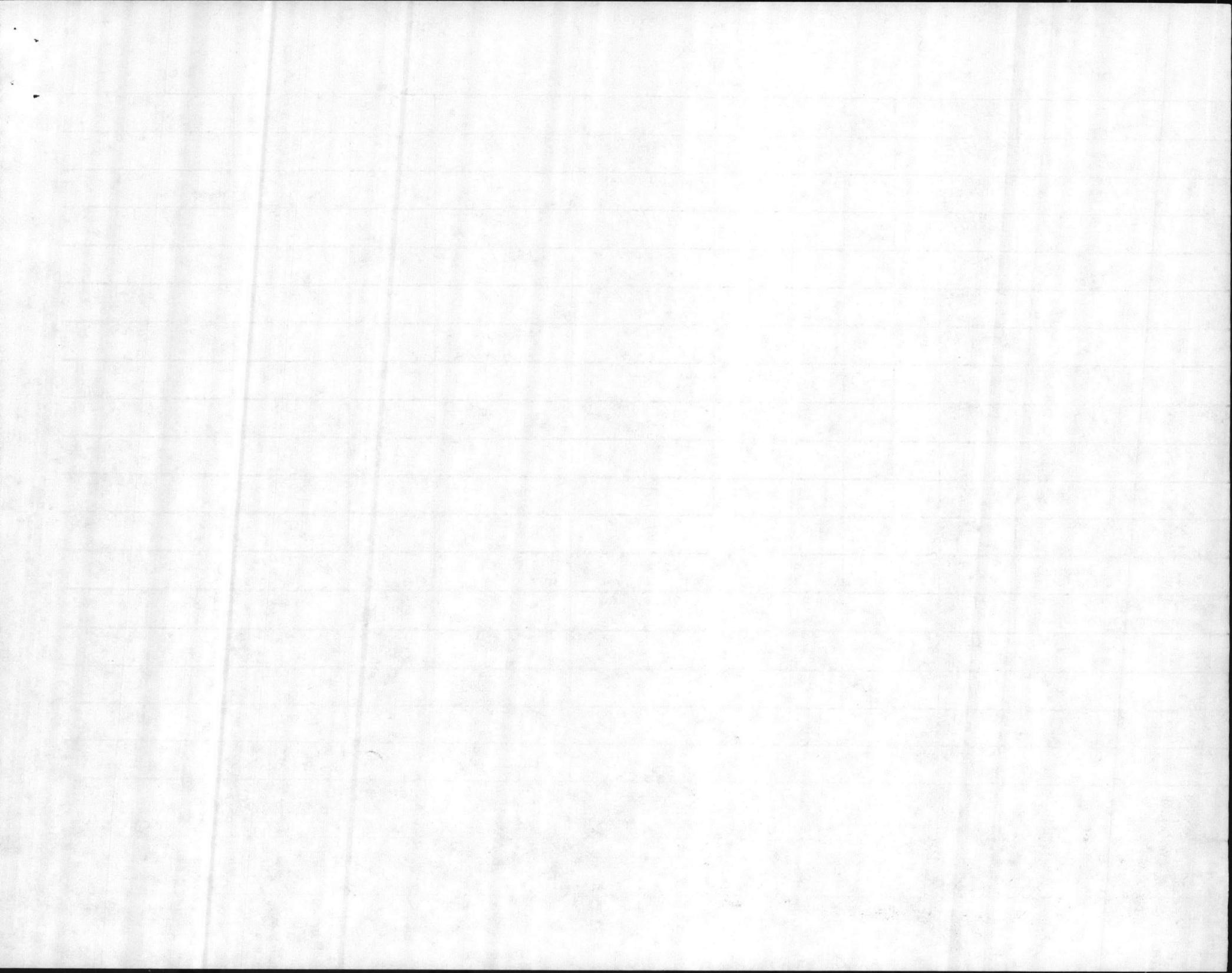
COMPARTMENT SUMMARY

COMPARTMENT NUMBER 19

DATE PRESCRIBED Sept 87

PRESCRIBED BY DBM

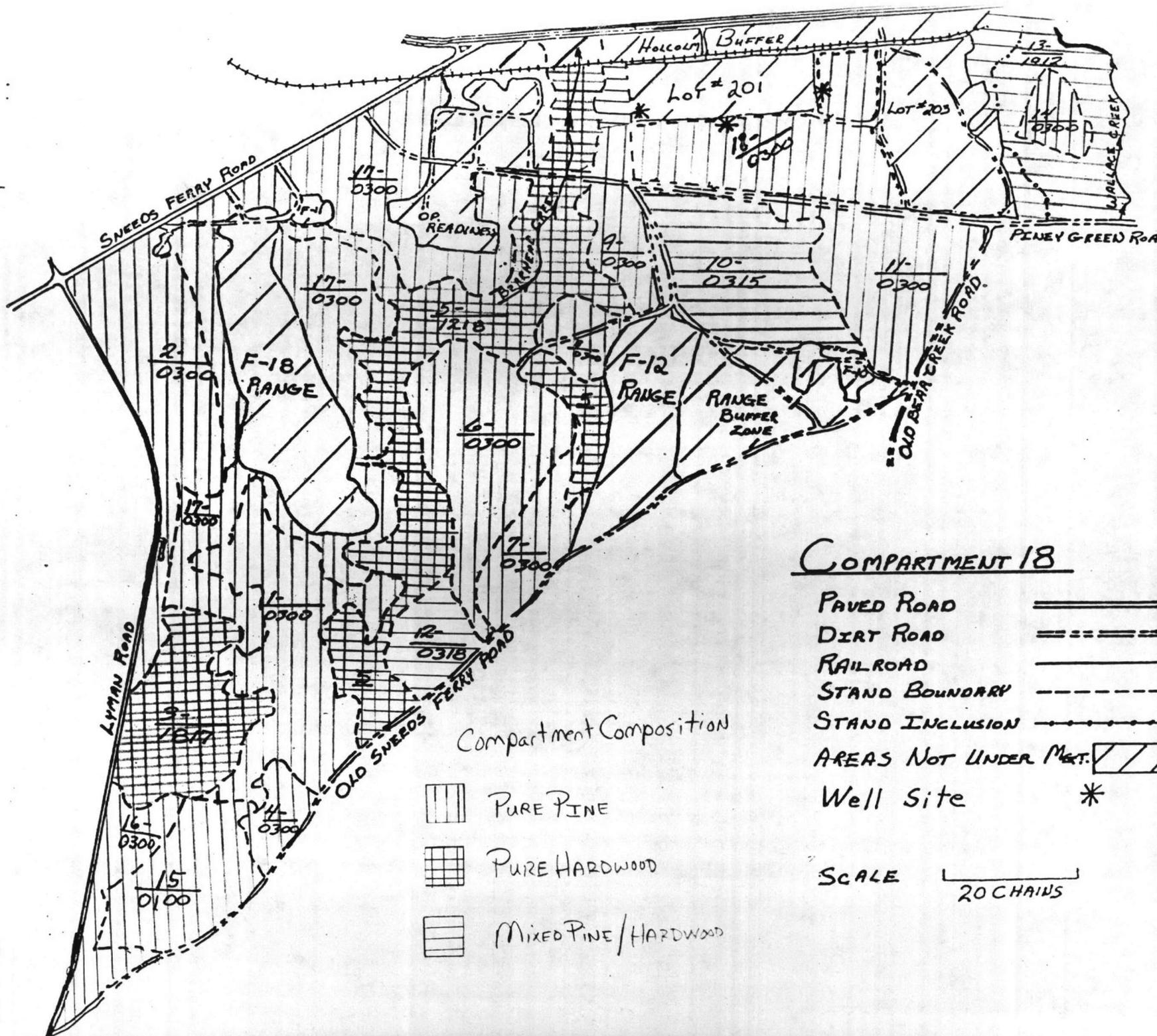
STAND NUMBER AND TYPE	STAND CONDITION CLASS	METHOD OF CUT	OPERABILITY	SITE INDEX & PRODUCTIVITY CLASS	STAND AGE	SILVICULTURAL TREATMENT	BASAL AREA P/T	REMARKS
1- 0300	369	1	17	075/054	58		60/70	
2- 0300	369	2,3	17	075/056	54		75/79	
3- 1817	469	1	27	070/063	56		0/120	
4- 0300	012	1	01	-	11		-	Planted
5- 1218	359	1	27	070/063	64		38/130	Quality mast producing species found throughout
6- 0300	012	1	01	-	11			
7- 0300	369	3	17	076/060	69		90/110	KG, Root rake
8- 0300	012	1	01	-	12			Natural, SPB
9- 0300	369	6,8	17	070/063	45			Protect hardwoods
10- 0315	459	1	14	060/094	77		35/57	New structures throughout
11- 0300	012	1	01	-	9			Planted
12- 0318	369	1	17	100/011	57		70/90	
13- 1912	359	1	27	080/052	75		12/115	
14- 0300	369	6	17	100/011	45		123/123	
15- 0100	369	5	17	070/073	51		85/85	
16- 0300	369	2,3	17	060/094	77		56/56	
17- 0700	369	5,6	17	095/015	44		115/120	
18- 0300	369	6	17	070/063	41		95/95	



TAND ACREAGE

1	67
2	62
3	44
4	10
5	126
6	58
7	21
8	12
9	24
10	55
11	47
12	16
13	45
14	10
15	36
16	23
17	157
18	60
F-18	61
F-11	2
F-12, 9:10	84
Holcomb Buffer, Lots 1,3	115

Total 1135a.



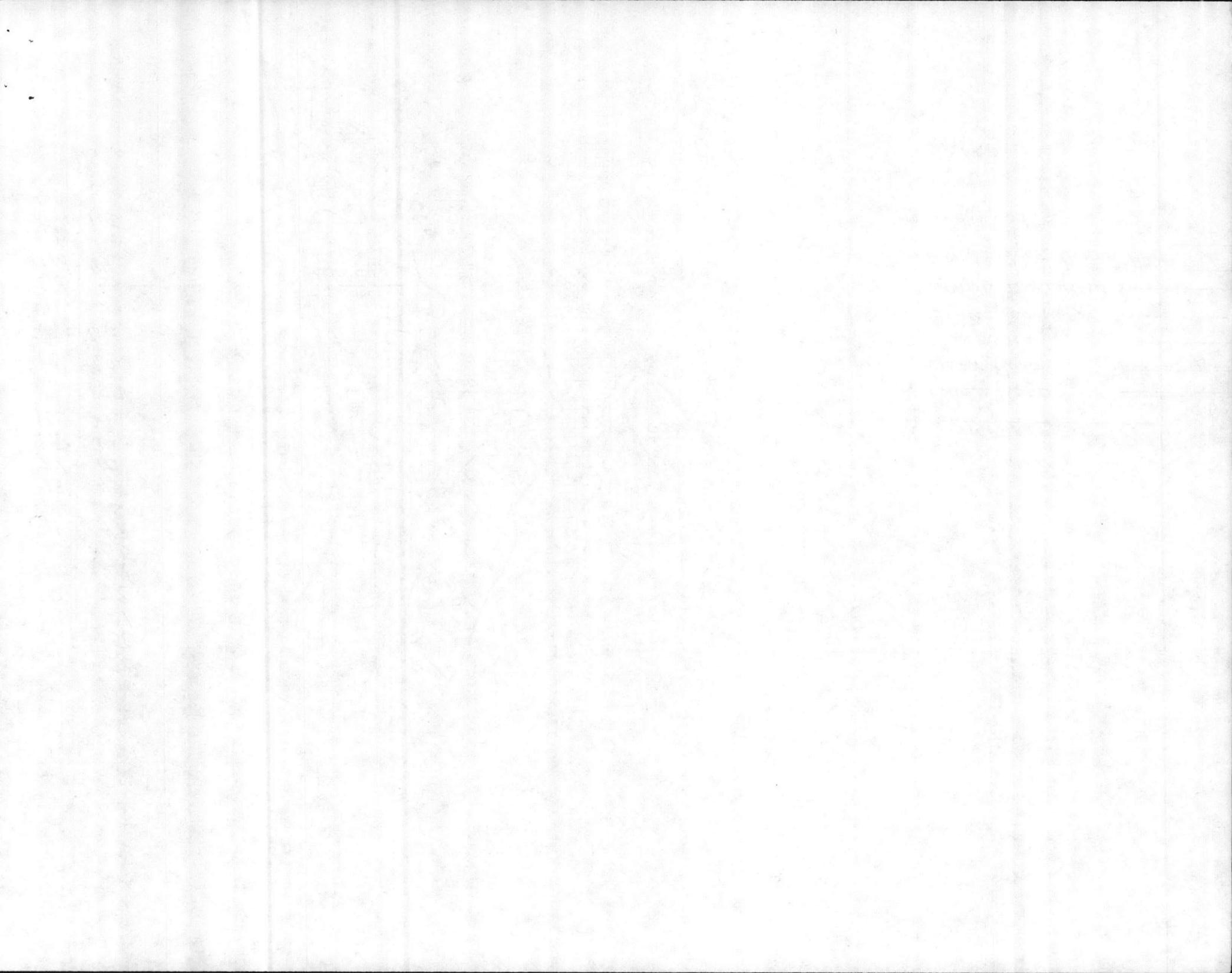
COMPARTMENT 18

- PAVED ROAD
- DIRT ROAD
- RAILROAD
- STAND BOUNDARY
- STAND INCLUSION
- AREAS NOT UNDER M&T.

- Compartment Composition
- PURE PINE
 - PURE HARDWOOD
 - MIXED PINE/HARDWOOD

Well Site *

SCALE
20 CHAINS



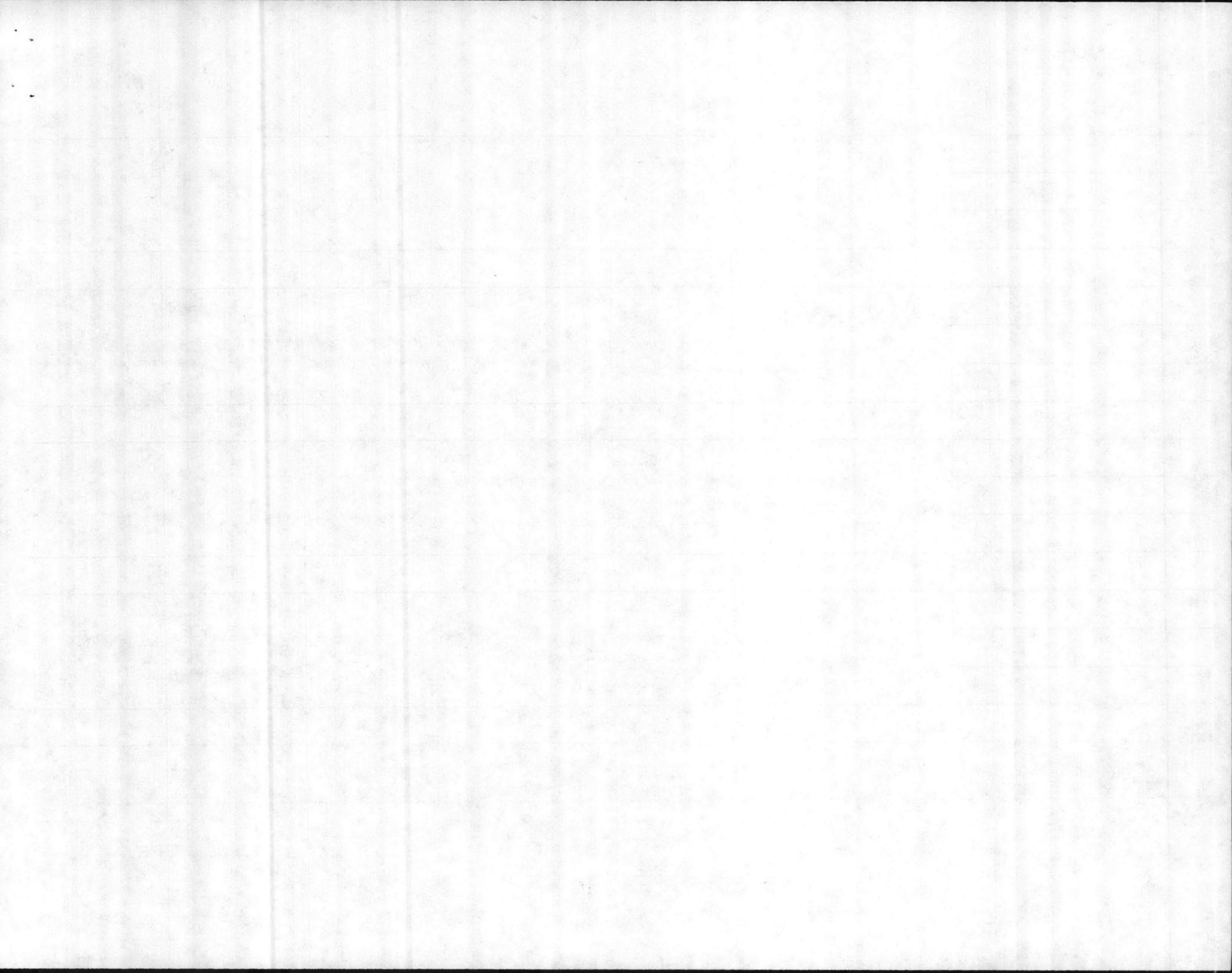
MARKING, HARVESTING, & SILVICULTURAL TREATMENT SUMMARY

COMPARTMENT NUMBER 18

DATE PRESCRIBED Sept 87

PRESCRIBED BY: DBM

STAND NUMBER AND TYPE	TYPE OF HARVEST	YEAR TO BE HARVESTED	CROSS ACRES IN STAND	ACRES TO BE HARVESTED	B.A. DESIRED	APPROXIMATE SPACEING	SILVICULTURAL TREATMENT AND F.Y. PREFORMED
2-0300	Seed Tree	89	62	17	—	75'	
<p>Age 54 BA Pine 75 Total 79 SI 075 This buffer along Lyman Rd. and Sneads Ferry Rd. has evidence of past SPB infestation. Thick underbrush, undesirable understory species, and open areas in the canopy with little regeneration warrant a seed tree cut to establish a fully stocked stand. Easy accessibility. Multiple product; good to high quality. Caution should be used around the Industrial Area. Soils - Onslow loamy fine sand, moderately well drained. Wadington loamy fine sand, poorly drained. No logging problem except in extreme wet weather.</p>							
2-0300	Clearcut	89	62	45	—	—	Regenerate by hand planting.
<p>Age 54 BA Pine 54 Total 65 SI 060 Large open areas in the canopy with little pine regeneration warrant clearcutting. Remove poor quality product and replant with loblolly pine seedlings to utilize all available growing space. Thick underbrush and undesirable hardwood species reduce the chance of a fully stocked stand of pine through natural regeneration. Easy accessibility. Multiple product - poor to fair quality. Soils - Onslow loamy fine sand, moderately well drained. Wadington loamy fine sand, poorly drained. No logging problem except in extreme wet weather.</p>							
7-0300	Seed tree	89	21	21	—	75'	
<p>Age 68 BA Pine 80 total 85 SI 076 This stand has open pockets with dense under brush throughout. Little regeneration found in the open canopy areas. Evidence of past SPB infestation. Accessibility down old Sneads Ferry Rd. Multiple product. Adjacent to F-12 Range - coordinate with Range Control. Soils - Baymeade fine sand - well drained. Onslow loamy fine sand - moderately well drained. No logging problems.</p>							
9-0300	Logtree Thin	89	24	8	75-80	As Needed	
<p>Age 45 BA Total 120 Pine 95 SI 070 Thin to reduce competition and increase vigor of the residual stand. Accessibility down Piney Green Road. Multiple product; fair quality. Soils - Kureb fine sand excessively drained Leon fine sand poorly drained May have rutting problems in extreme wet conditions.</p>							



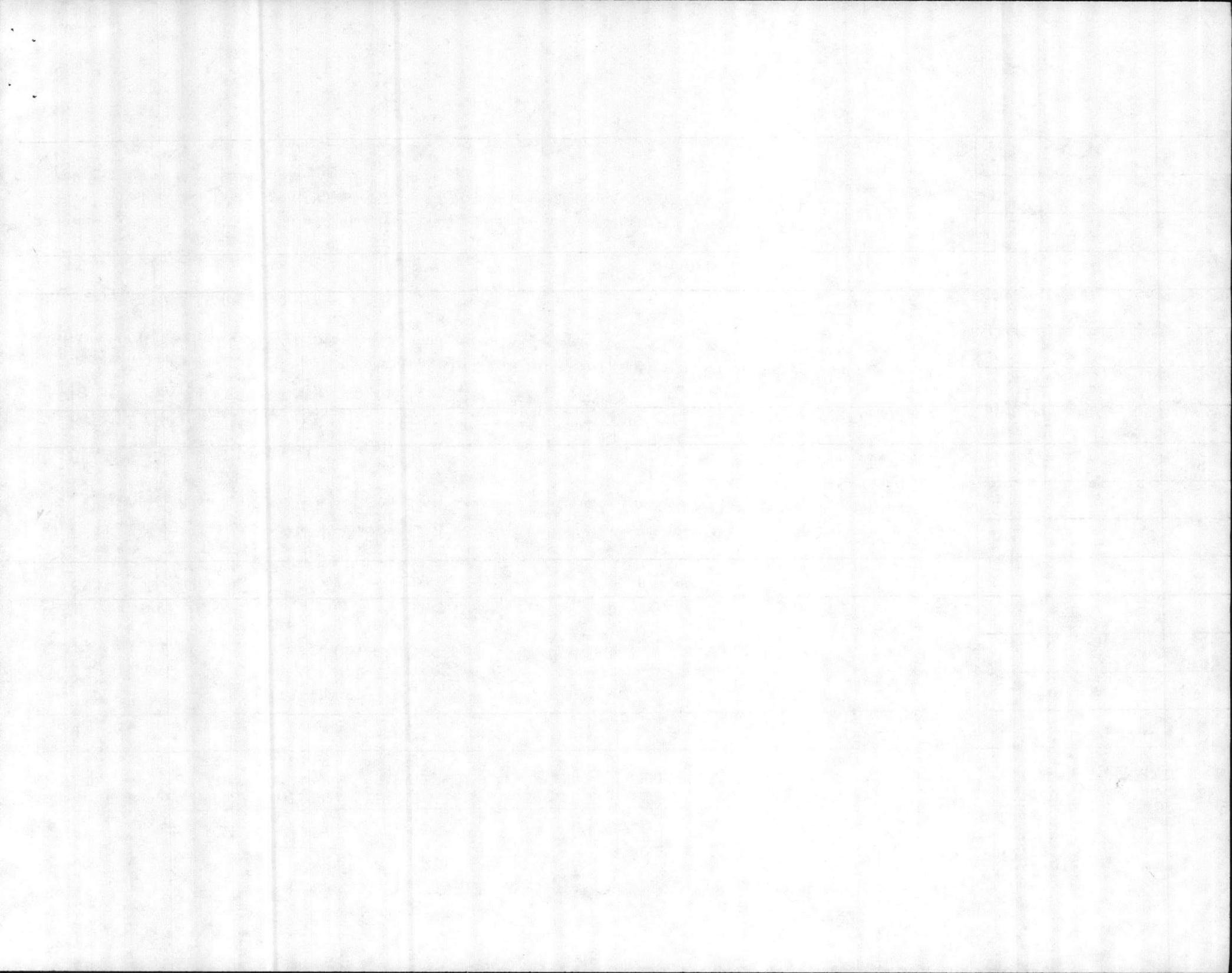
MARKING, HARVESTING, & SILVICULTURAL TREATMENT SUMMARY

 COMPARTMENT NUMBER 18

 DATE PRESCRIBED Sept 87

 PRESCRIBED BY: DBM

STAND NUMBER AND TYPE	TYPE OF HARVEST	YEAR TO BE HARVESTED	CROSS ACRES IN STAND	ACRES TO BE HARVESTED	B.A. DESIRED	APPROXIMATE SPACEING	SILVICULTURAL TREATMENT AND P.Y. PERFORMED
9-0300	Pine Removal	89	24	8	80	As Needed	
Age 45 BA Total 120 pine 30 This is an inclusion in stand 9. This part of the stand has most producing species. Remove the pine to increase vigor of the residual stand. Red and white oaks present. Accessibility down Piney Green Road. Multiple product; high quality. Soils Kureb fine sand Lean fine sand No logging problems.							* Protect the residual hardwood species.
14-0300	Leucosperma Thin	89	10	10	75-80	As Needed	
Age 45 BA Total 125 Pine 123 SI 100 Evidence of past SPB infestation. Thin to increase vigor of the residual stand. Thick pockets of pine found throughout with BA greater than 140. Accessibility through stand 13 to Piney Green Rd. Good quality; multiple products. No logging limitations. Soils - Many loamy fine sand Well drained.							
15-0100	Crown Thin	89	36	36	75-80	As Needed	
Age 51 BA total 95 pine 85 SI 070 Crown thin to reduce overcrowding in high BA (>100 Acres). Stand has several pockets with BA greater than 120 that is not reflected in overall BA. (high quality); multiple product. Easily accessible; No logging limitations. Baymeade - fine sand. Well drained.							* Continual use of logging trails in extreme wet weather may cause large shallow holes with hardpan bottoms - Use caution.
16-0300	Seed Tree	89	23	13	-	75'	
Age 79 BA total 56 pine 56 SI-060 Open areas in canopy with little regeneration. Thick underbrush. Seed tree and site prepare to establish fully stocked stand. Accessibility down Lyman Road And Old Smeads Ferry Road. Multi-product; fair quality. Use caution when logging near Lyman Rd - lot of morning and evening traffic. Soils - Baymeade fine sand Well drained. Murrelle fine sand. Very poorly drained. Caution during extreme wet conditions.							



MARKING, HARVESTING, & SILVICULTURAL TREATMENT SUMMARY

COMPARTMENT NUMBER 19

DATE PRESCRIBED Sept 97

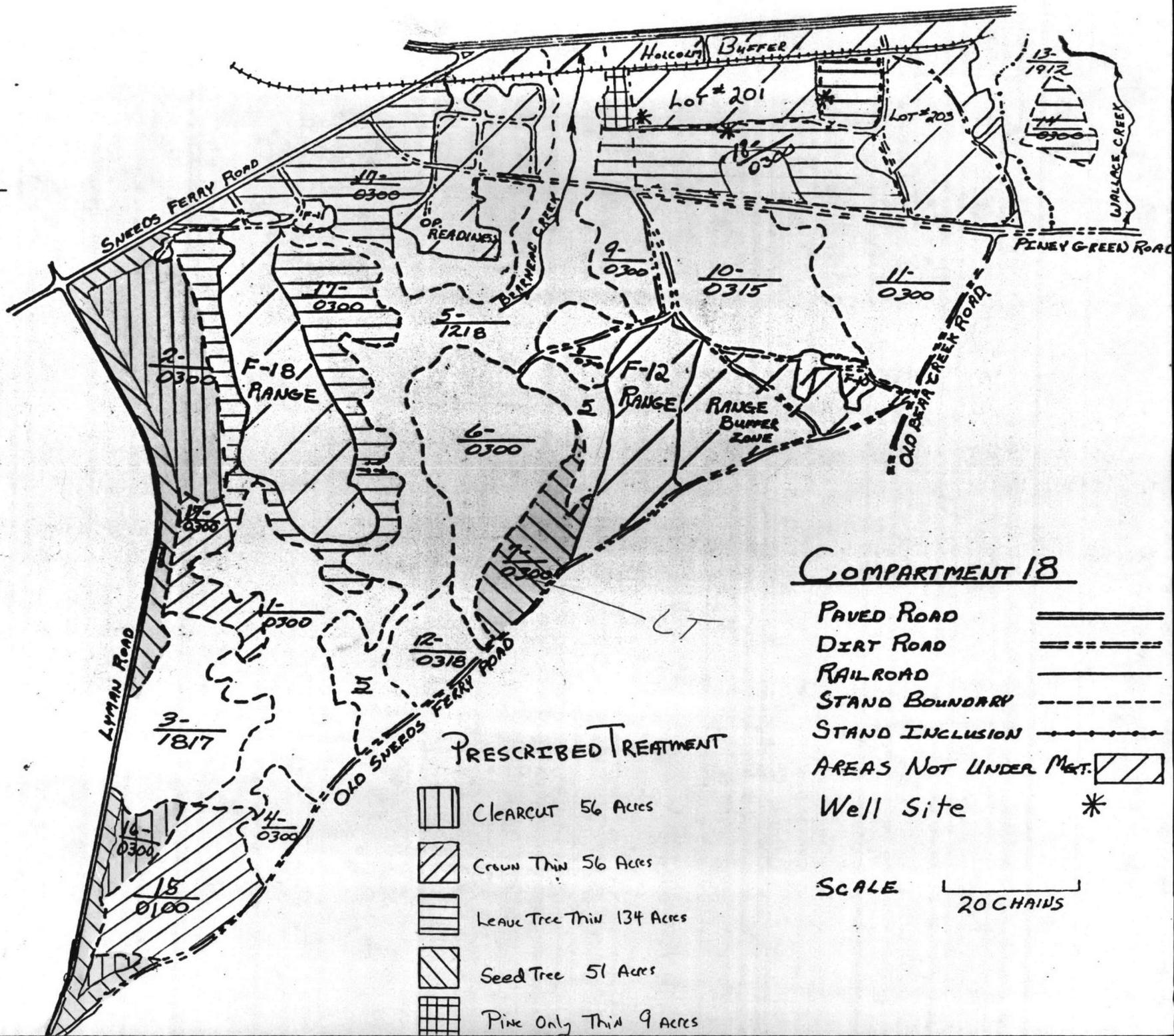
PRESCRIBED BY: DTBM

STAND NUMBER AND TYPE	TYPE OF HARVEST	YEAR TO BE HARVESTED	CROSS ACRES IN STAND	ACRES TO BE HARVESTED	B.A. DESIRED	APPROXIMATE SPACEING	SILVICULTURAL TREATMENT AND F.Y. PERFORMED
16- 0310	Clearcut	99	23	11	—	—	
<p>Age 79 BA pine 56 SI 060. Open areas, little regeneration, thick underbrush. Clearcut and plant with loblolly. Accessibility down Lyman Rd. Multiple product; fair quality. Soils - Baymeade fine sand Well drained. Murville fine sand Very poorly drained. Caution during extreme wet weather.</p>							
17- 0300	Crown thin	99	157	18	80	As Needed	
<p>Age 44 BA total 120 pine 115 SI 095 Thick areas of pine throughout this stand (BA > 130) crown thin to reduce overcrowding and increase growth and vigor of stand. Easy accessibility through stand 2 to Lyman Rd. No logging problems. Soils - Onslow loamy fine sand Moderately well drained Baymeade - fine sand Well drained</p>							
17- 0300	Leave tree thin	99	157	52	80	As Needed	
<p>Age 44 BA total 120 pine 115 SI 095 Surrounds F-18 Range. High quality. Bullet contamination may be a problem in the part of the stand down range. Leave tree thin to reduce risk of SPB infestation. Large old bug spot down range. Increase vigor and growth of stand by thinning. Accessibility through Smeads Ferry Road. Soils - Onslow loamy fine sand Mod. well drained Baymeade fine sand Well drained. No logging problems.</p>							
18- 0300	Leave tree thin	99	60	50	80	As Needed	
<p>Age 41 BA total 95 pine 95 SI 070 Thin to reduce risk of SPB infestation and increase overall vigor of stand. Some parts of the stand have a BA higher than 120. Accessibility through Piny Green Rd. Multiple product / fair quality. Soils - Kureb fine sand Leon fine sand No logging problems.</p>							

* Coordinate with Range
 Control around F-18 RANGE

15
0399

STAND	ACREAGE
1	67
2	62
3	44
4	10
5	126
6	58
7	21
8	12
9	24
10	55
11	47
12	16
13	45
14	10
15	36
16	23
17	157
18	60
F-18	61
F-11	2
F-12, 9:10	84
Holcomb Buffer, Lots 1,3	115
Total	1135a.



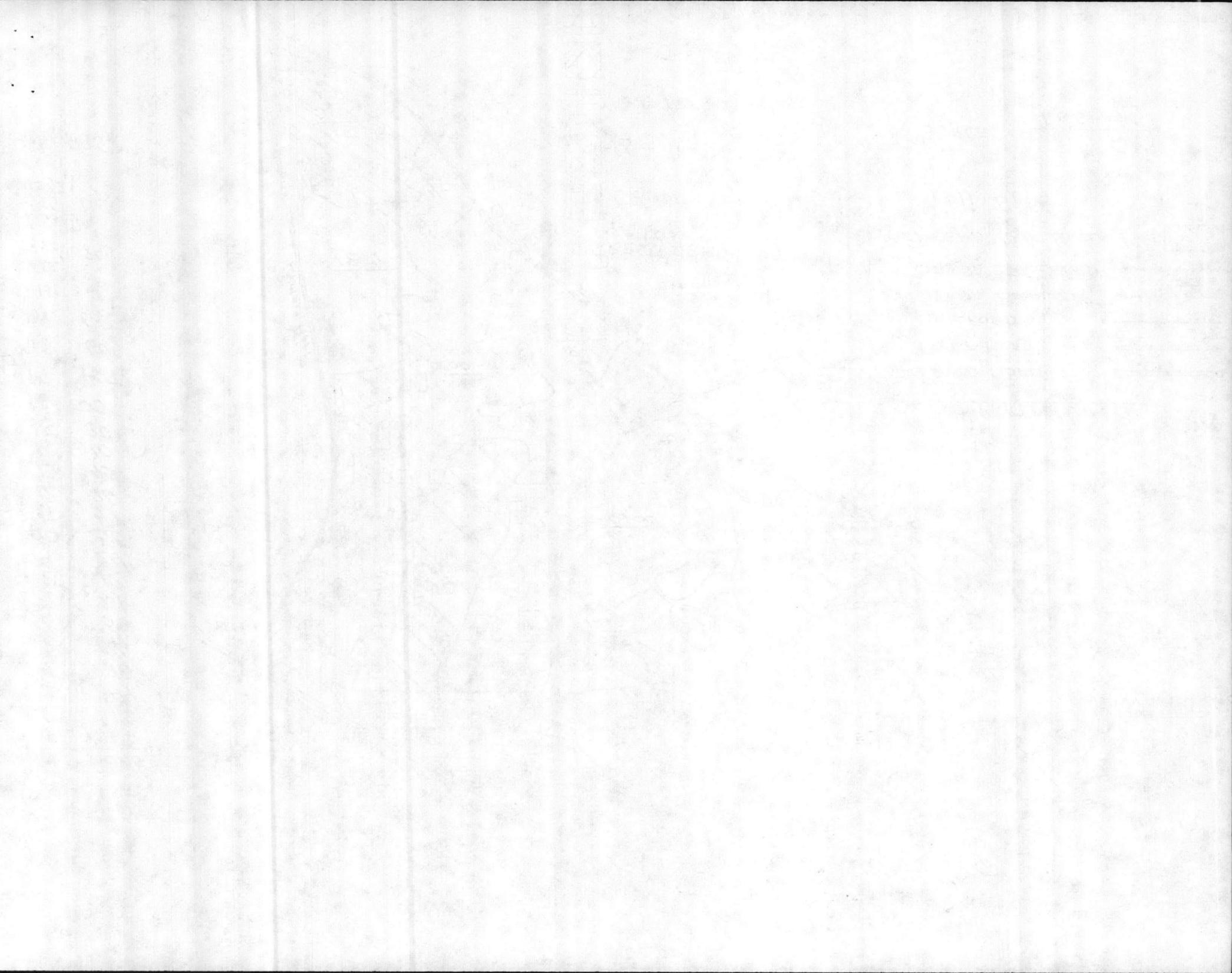
COMPARTMENT 18

PAVED ROAD	====
DIRT ROAD	-----
RAILROAD	-----
STAND BOUNDARY	-----
STAND INCLUSION
AREAS NOT UNDER MGMT.	▨
Well Site	*

PRESCRIBED TREATMENT

▨	Clearcut 56 Acres
▨	Crown Thin 56 Acres
▨	Leave Tree Thin 134 Acres
▨	Seed Tree 51 Acres
▨	Pine Only Thin 9 Acres

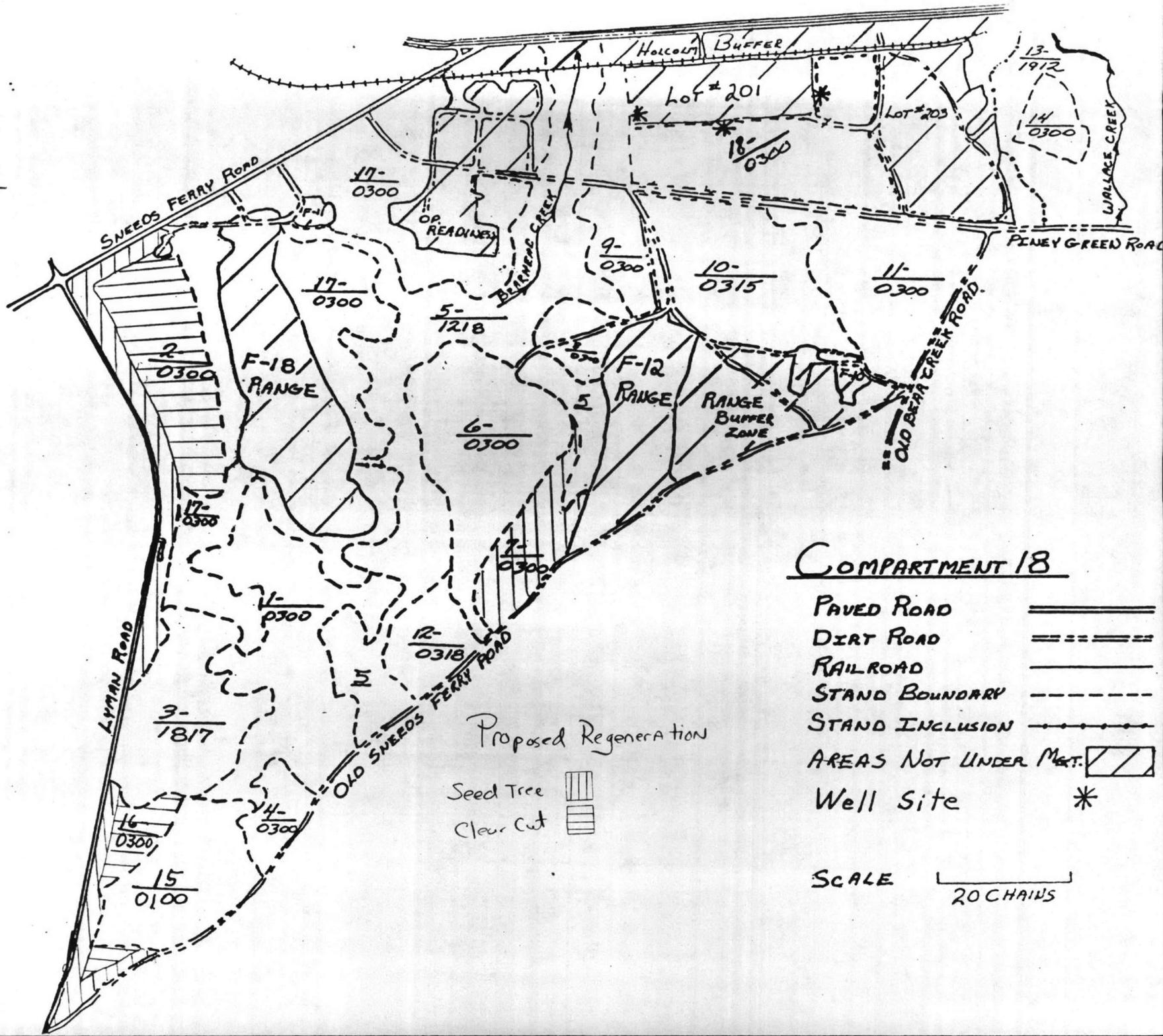
SCALE
20 CHAINS



STAND ACREAGE

1	67
2	62
3	44
4	10
5	126
6	58
7	21
8	12
9	24
10	55
11	47
12	16
13	45
14	10
15	36
16	23
17	157
18	60
F-18	61
F-11	2
F-12, 9:10	84
Holcomb Buffer, Lots 1,3	115

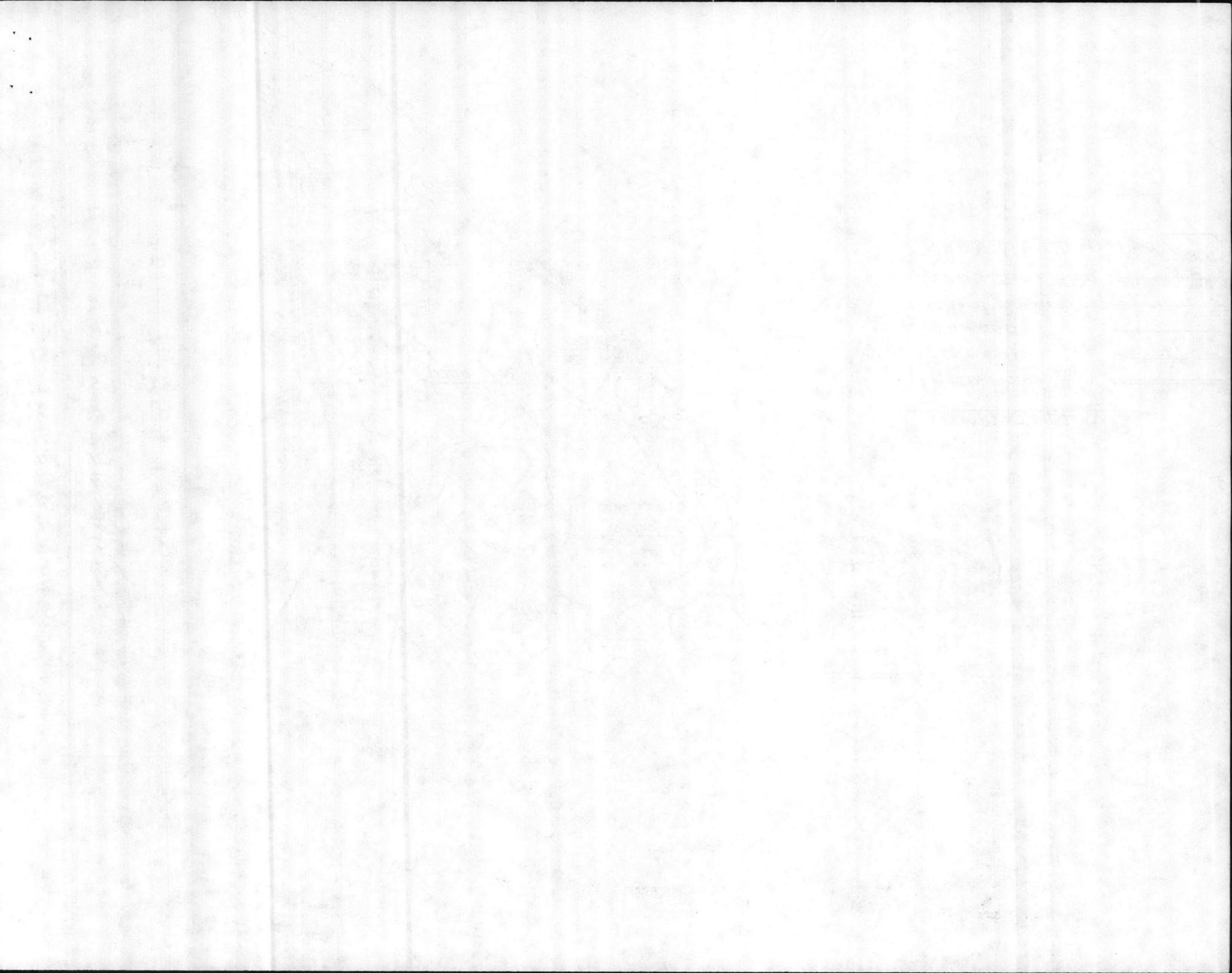
Total 1135a.



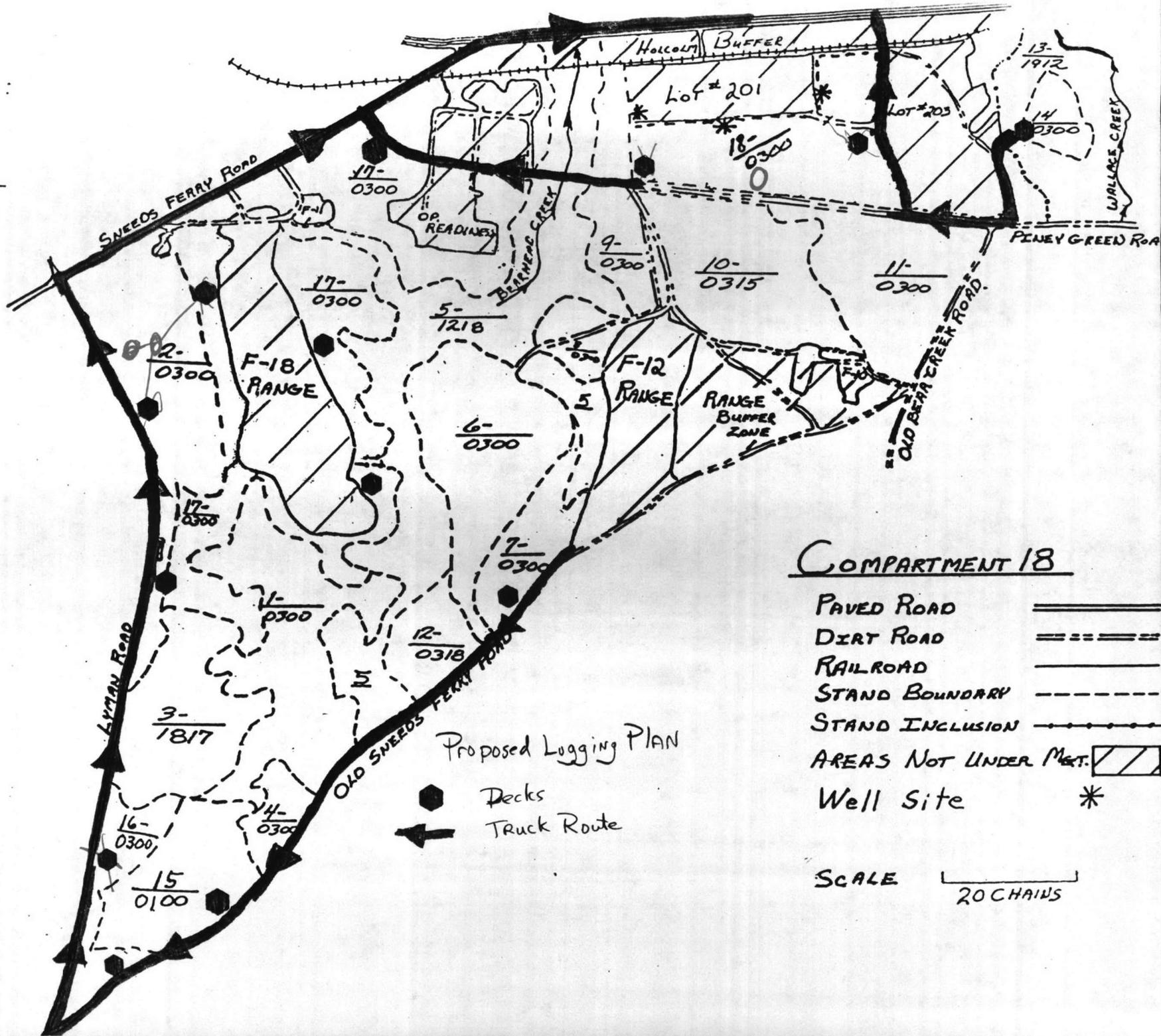
COMPARTMENT 18

PAVED ROAD	=====
DIRT ROAD	-----
RAILROAD	—————
STAND BOUNDARY	- - - - -
STAND INCLUSION	· · · · ·
AREAS NOT UNDER MGMT.	▨
Well Site	*

SCALE 20 CHAINS



STAND	ACREAGE
1	67
2	62
3	44
4	10
5	126
6	58
7	21
8	12
9	24
10	55
11	47
12	16
13	45
14	10
15	36
16	23
17	157
18	60
F-18	61
F-11	2
F-12, 9:10	84
Holcomb Buffer, Lots 1,3	115
Total 1135a.	



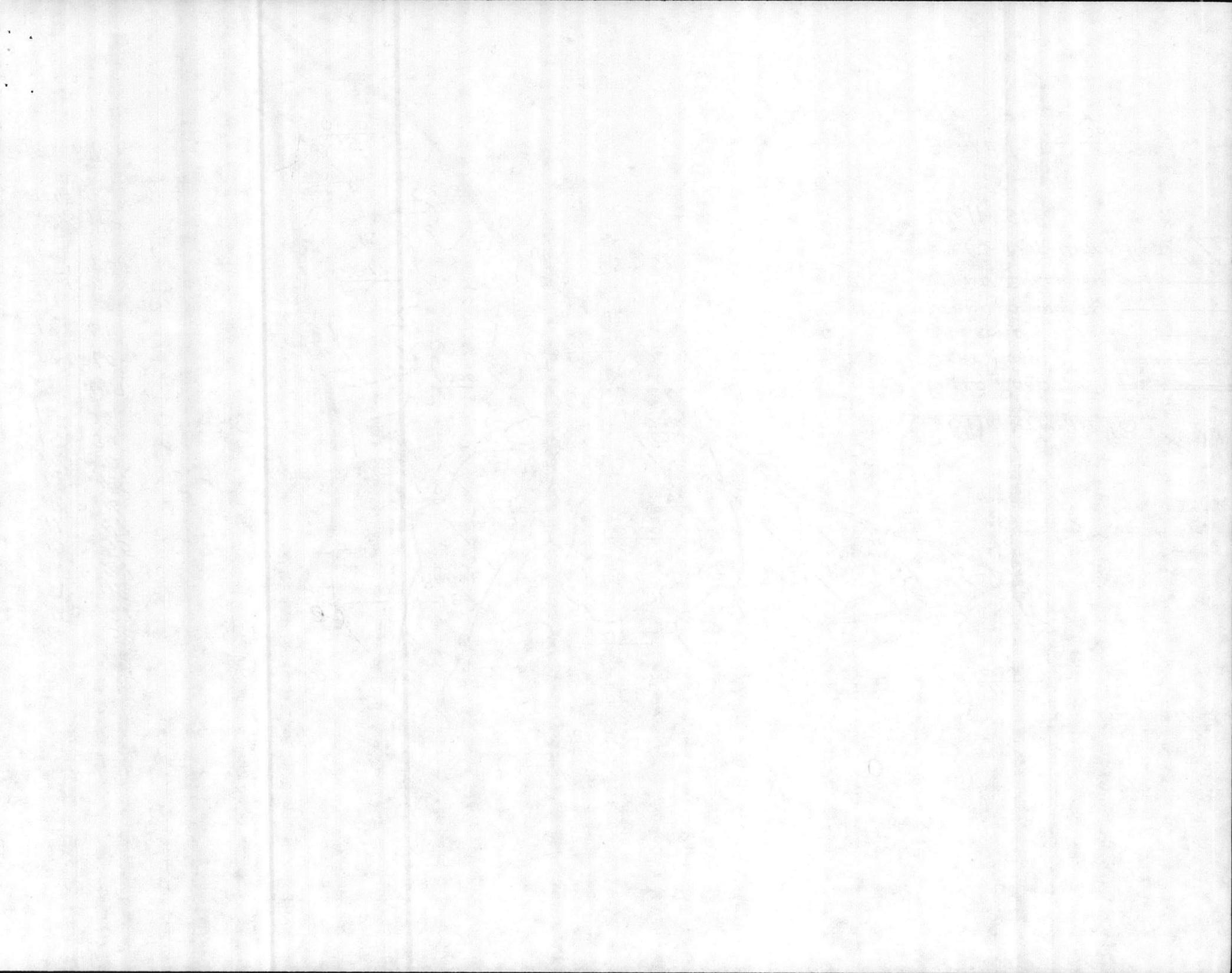
COMPARTMENT 18

- PAVED ROAD
- DIRT ROAD
- RAILROAD
- STAND BOUNDARY
- STAND INCLUSION
- AREAS NOT UNDER M.T.
- Well Site *

Proposed Logging Plan

- Decks
- Truck Route

SCALE
20 CHAINS



WILDLIFE CONSIDERATIONS

COMPARTMENT 18

TURKEY FEATURED

1. Regeneration - Regenerate no more than 15% of a compartment on any 10 year cycle. Seedtree, clearcut, or shelterwood methods are acceptable.

There are 57 acres in regeneration at this time in the 0 - 10 year age class.

Proposed Regeneration

PINE

STAND	ACRES	AGE	TREATMENT
2	17	54	SEEDTREE
2	45	54	CLEARCUT
7	21	68	SEEDTREE
16	13	79	SEEDTREE
16	11	79	CLEARCUT

107 acres

107 acres or 11.6% of the forested area is proposed for regeneration.

2. Hardwood - Retain or develop 20% in Quality Mast Producing Hardwood. (To qualify, 1/2 BA must be in Quality Mast Producing Species).

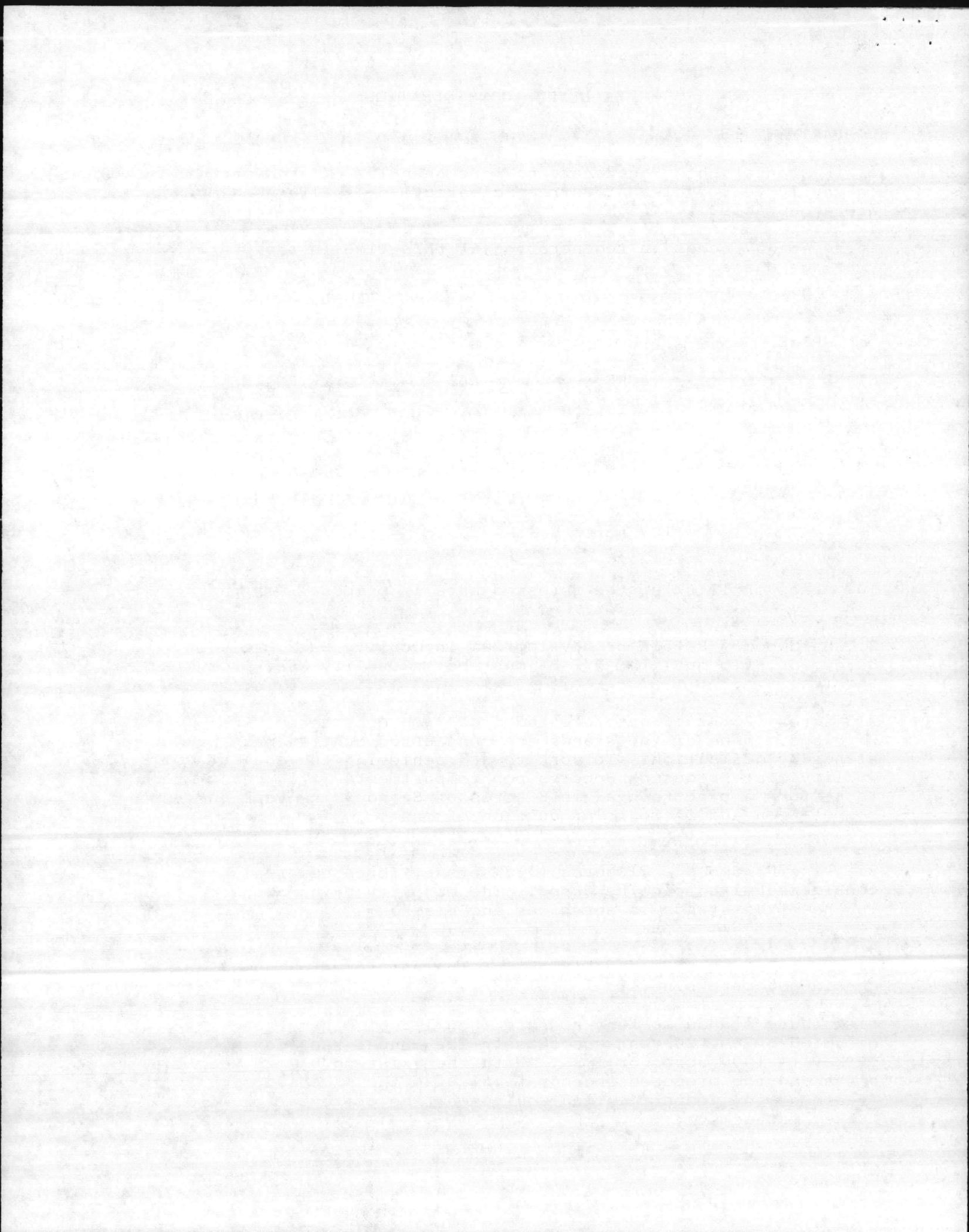
215 acres (23.4% of net forested area) are considered Pure Hardwood. None of the stands are considered quality mast producing stands by definition. To work toward achieving the goal of 20%, Quality Mast Producing Species per compartment, it is recommended to perform a pine removal in 8 acres of Stand 9 in order to reduce competition and increase production of mast.

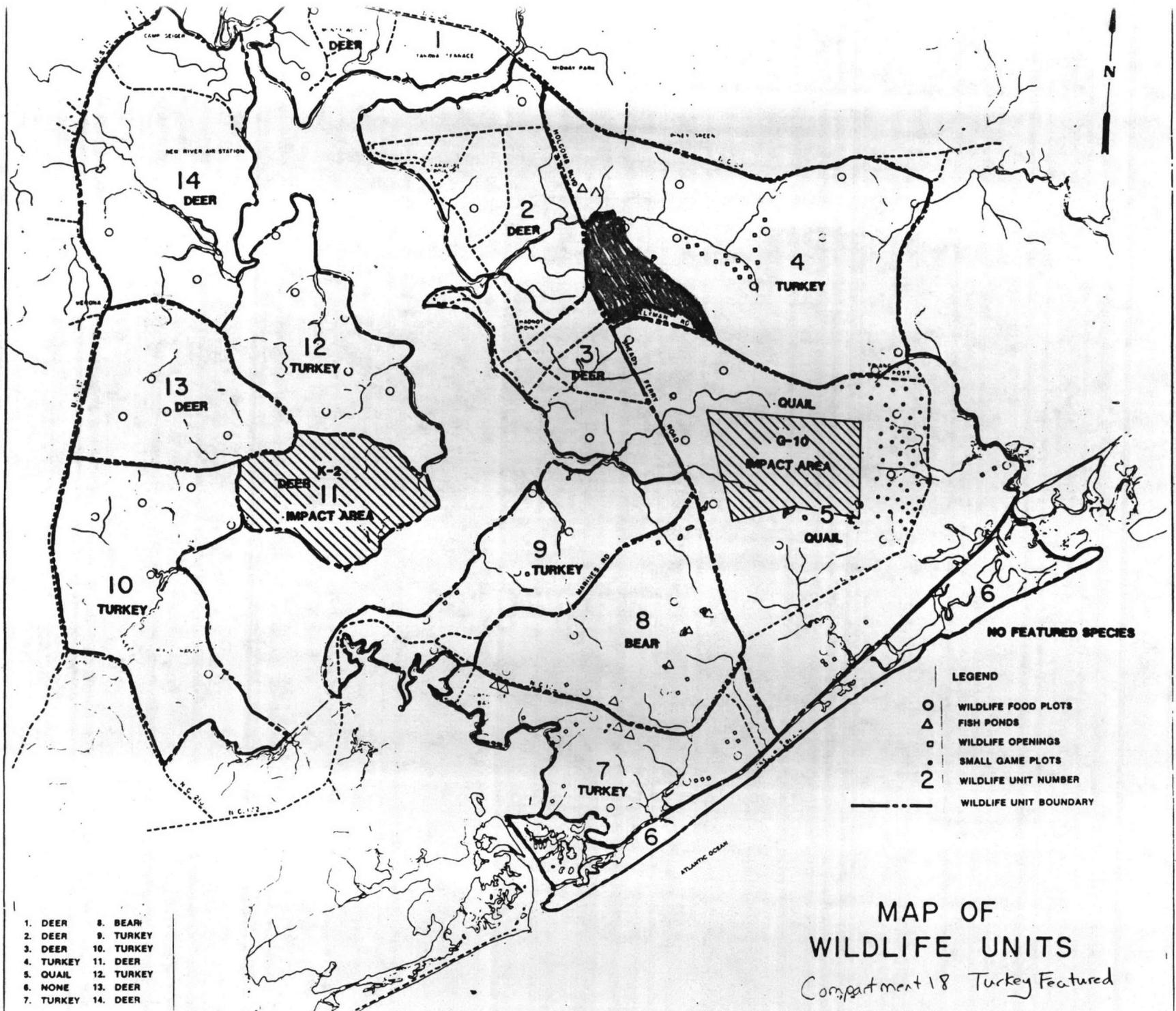
3. Pine/Hardwood - 71 acres (7.7% of net forested area) are considered mixed pine/hardwood. The majority of hardwood species in the mixed stands is scrub oak and blackgum.

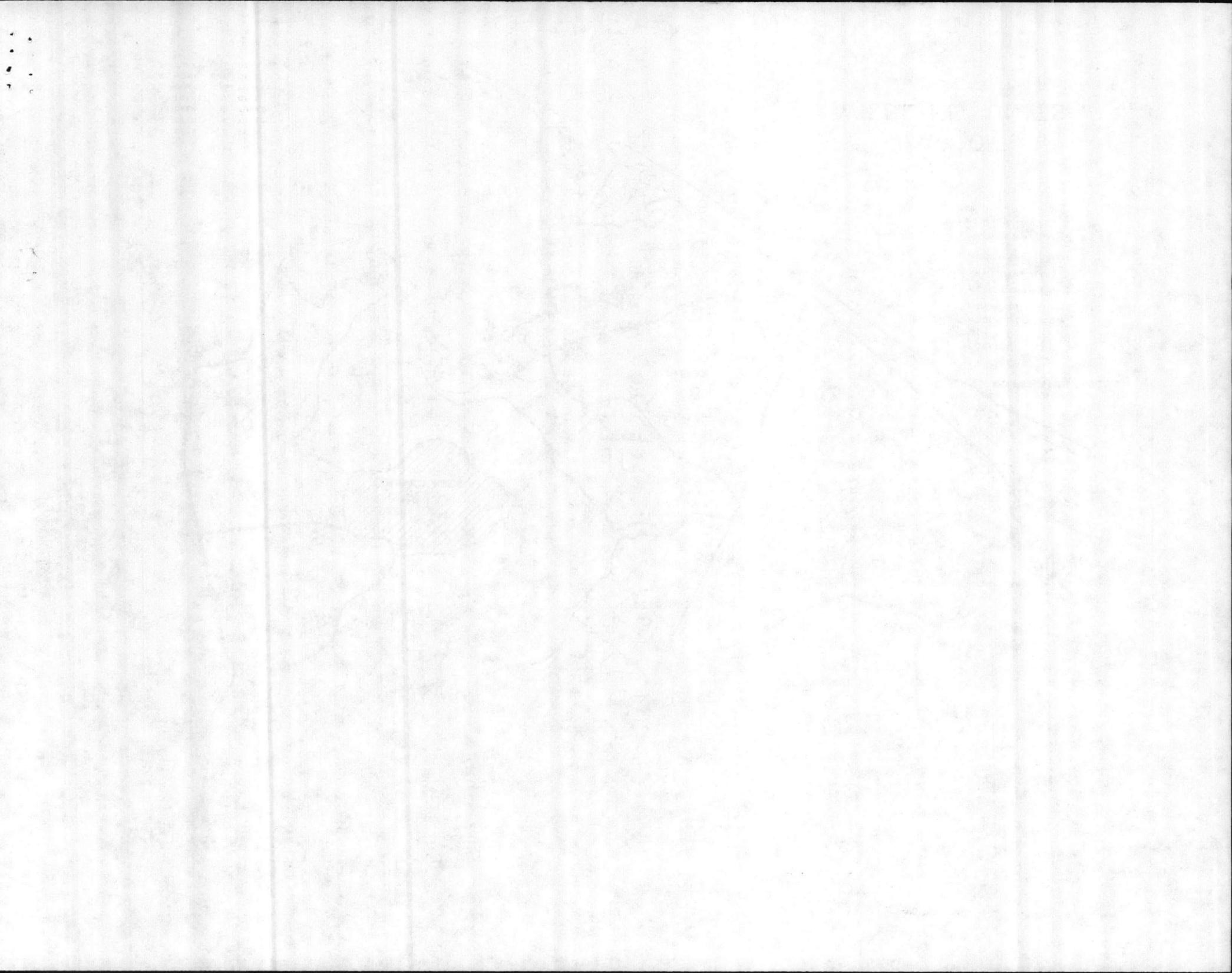
4. Pure Pine - 587 acres (63.9% of the net forested area) are considered pure pine.

Distribute stands so that no more than 1/3 of a home range is occupied by 0 - 20 year age class. The annual range of wild turkey is 1000 acres or less. With the existing 0 - 20 year age class and the proposed regeneration cuts, the proposed silvicultural treatment for Compartment 18 would meet the criteria for wild turkey management.

14%

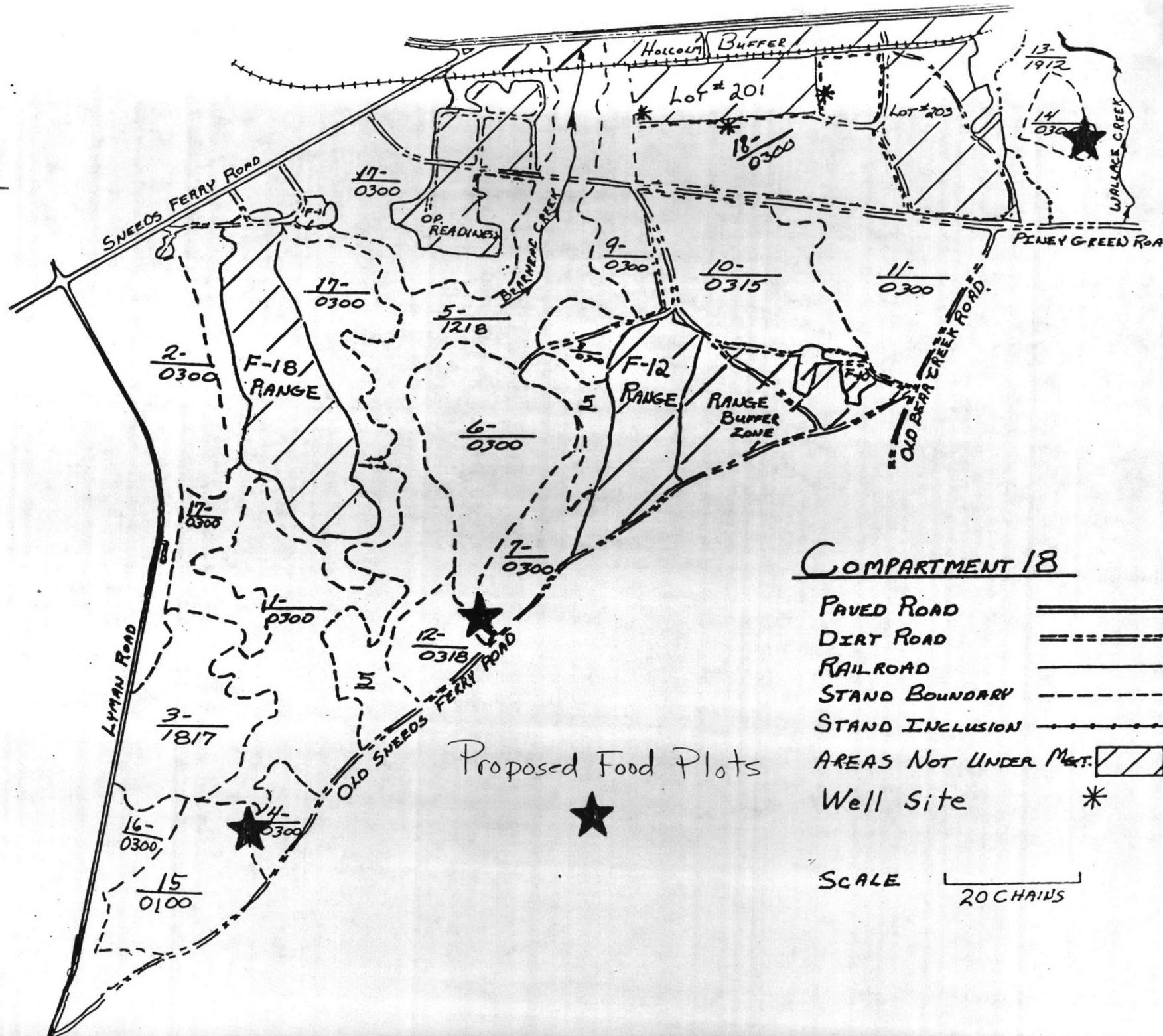






STAND	ACREAGE
1	67
2	62
3	44
4	10
5	126
6	58
7	21
8	12
9	24
10	55
11	47
12	16
13	45
14	10
15	36
16	23
17	157
18	60
F-18	61
F-11	2
F-12, 9:10	84
Hokomb Buffer, Lots 1,3	115

Total 1135a.



COMPARTMENT 18

- PAVED ROAD
- DIRT ROAD
- RAILROAD
- STAND BOUNDARY
- STAND INCLUSION
- AREAS NOT UNDER MGMT.
- Well site

SCALE

