Rge 21 | Rge 20 | Rge 19 | Rge 18 | Rge 17 | Rge 16

Twp 60

Twp 59

Twp 58

**20 YEAR HARVEST PLAN**

**PINE SYU (FMU W8)**
- SEQUENCED
- SILVASYM2 -Run 183 (Conifer AAC: 75500m$^3$/YR)
- AOP BLOCKS SCHEDULED

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**Figure 3.12**

- NET LANDBASE
- NET LANDBASE EXCLUSION
- CLEAR CUT
- PARTIAL CUT
- PROPOSED CUTBLOCKS

STANDS SCHEDULED FOR HARVEST
- YEARS 1-10
- YEARS 11-20

N W E S

SCALE 1 : 80,000

ANC FMA

*COMPARTMENTS WITHIN ANC FMA*

SUSTAINED YIELD UNITS

LITTLE SMOKY
FOOTHILLS
BIRLAND
PINE

Map Production: Silvacom Ltd.
Map Date: July 19, 2001
Silvacom Ref: F-057
Map File: ../f-057/cut_maps/w8_cut/CUT_183

SILVACOM LTD.

Alberta Newsprint Company

**20 YEAR HARVEST PLAN**

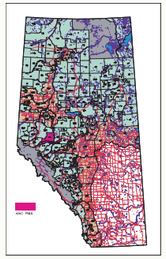
**BERLAND SYU (FMU E6)**
- NON-SEQUENCED
- SILVASYM2 -Run 186 (Conifer AAC: 41000m $^3$/YR)
- AOP BLOCKS SCHEDULED

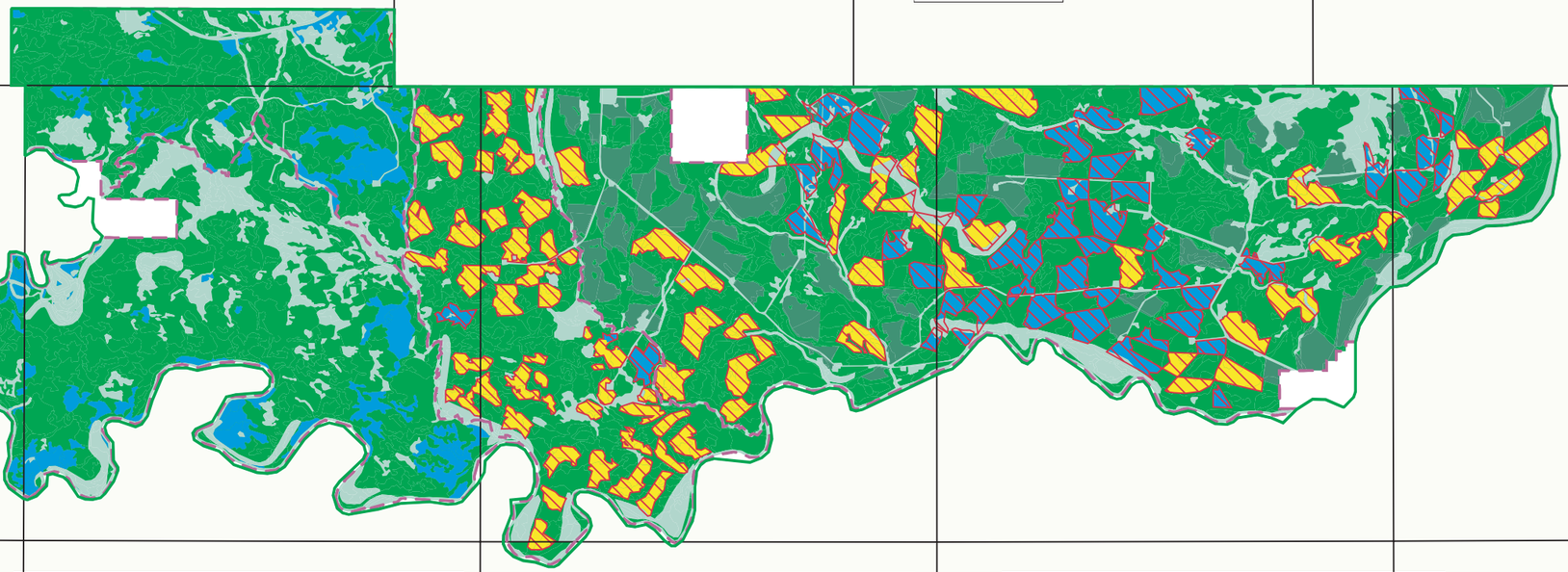
**Figure 3.13**

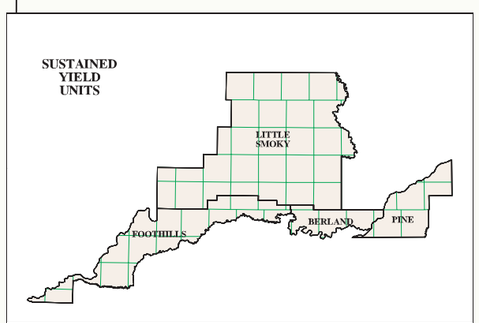
SCALE 1 : 80,000

Rge 22 | Rge 21 | Rge 20 | Rge 19

Twp 59 | Twp 58 | Twp 57








NET LANDBASE

NET LANDBASE EXCLUSION

CLEAR CUT

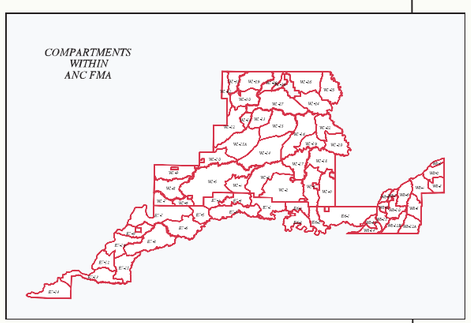
PARTIAL CUT

PROPOSED CUTBLOCKS

STANDS SCHEDULED FOR HARVEST

YEARS 1-10

YEARS 11-20




Map Production: Silvacom Ltd.
Map Date: July 19, 2001
Silvacom Ref: F-057
Map File:
/data/anc/f-057/maps/cut_maps/e6_cut_map/cut_186

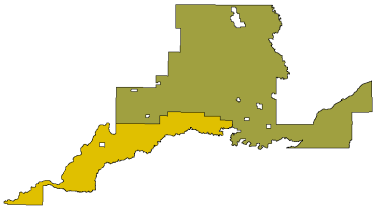
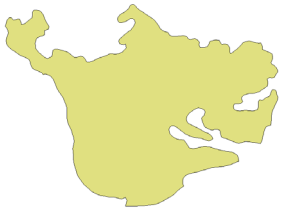
| Simulation | Planning Level | Operational Plan |
|---|---|---|
| The FMA is divided into four spatially explicit Sustained Yield Units (SYUs). | FMA  | Operational Plans will be contained within a unique Sustained Yield Unit. |
| Each SYU is divided into spatially explicit Compartments.<br><br>The simulation follows a specific Compartment sequence. | SUSTAINED YIELD UNIT  | Compartment boundaries are used as Operational Planning Unit boundaries.<br><br>Operational Planning will follow the same Compartment sequence as the simulation. |
| Each Compartment is made up of many AVI spatially explicit polygons.<br><br>The simulation selects individual polygons for "harvest".<br><br>Summaries of area "harvested" by yield class and age are produced. | COMPARTMENT  | Operational plans define areas to be harvested and summarize which AVI polygons are scheduled.<br><br>Summaries of areas selected for harvest by yield class and age are produced.<br><br>Discrepancies of greater than 20% area between operational plan and simulation must be justified in the operational plan approval process. |
| Individual stands selected for harvest in the simulation are tracked. | STAND  | Individual stands actually harvested are tracked. |

Figure 3.9 Simulation of Stand Sequencing

Table 3.21 Simulation parameters and results.

| Run No. | Area Code | Yield Curve Transition | Planning Horizon (years) | Compartment Sequence Table | % Area Basis (all net landbase or area min age) | Open Comp | Adjacency | Adj Horizon | Adj Elapsed | Conifer AAC | Deciduous Flow (20 yr average) | Net Area (hectares) | Implied MAI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 183 | W8 | Tree Imp | 180 | W8_93d_aop | ≥ min age | 4 | Applied to planned blocks only | 20 | 20 | 75,500 | 11,697 | 31,734 | 2.38 |
| 186 | E6 | 25%PSP | 180 | N/A | N/A | N/A | Applied to planned blocks only | 20 | 20 | 41,000 | 16,251 | 19,361 | 2.12 |
| 187 | E7 | 25% PSP | 180 | E7_CAR2_a5 | ≥min age | 4 | Applied to planned blocks only | 20 | 20 | 139,500 | 5,189 | 64,941 | 2.15 |
| 190 | W1 | 25% PSP | 180 | W1_93f | ≥min age | 12 | Applied to planned blocks only | 20 | 20 | 357,000 | 38,613 | 166,647 | 2.14 |
| 191 | W1 | 25% PSP | 180 | N/A | ≥min age | N/A | N/A | N/A | N/A | 357,750 | 42,341 | 166,647 | 2.15 |
| 192 | E7 | 25% PSP | 180 | N/A | ≥min age | N/A | N/A | N/A | N/A | 140,500 | 3,494 | 64,941 | 2.16 |
| 193 | E6 | 25% PSP | 180 | N/A | ≥min age | N/A | N/A | N/A | N/A | 41,500 | 5,621 | 19,361 | 2.14 |
| 194 | W8 | Tree Imp | 180 | N/A | ≥min age | N/A | N/A | N/A | N/A | 75,500 | 10,713 | 31,734 | 2.38 |
| 195 | W1 | 25% PSP | 180 | W1_93F | ≥min age | 12 | Applied to planned blocks only | 20 | 20 | 372,500 to 90 years then step down to 344,794 | 39,546 | 166,647 | 2.24 |
| 196 | E7 | 25% PSP | 180 | E7_CAR2_a5 | ≥min age | 4 | Applied to planned blocks only | 20 | 20 | 155,500 to 90 years then step down to 126,846 | 5,615 | 64,941 | 2.15 |
| 197 | E6 | 25% PSP | 180 | N/A | N/A | N/A | Applied to planned blocks only | 20 | 20 | 44,000 to 90 years then step down to 39,862 | 16,450 | 19,361 | 2.22 |
| 198 | W8 | Tree Imp | 180 | W8_93d_aop | ≥min age | 4 | Applied to planned blocks only | 20 | 20 | 75,000 to 90 years then step down to 75,637 | 11,680 | 31,734 | 2.36 |

**Note:** Highlighted runs are the selected harvesting strategies