

## 5.4 Landscape Pattern and Structure

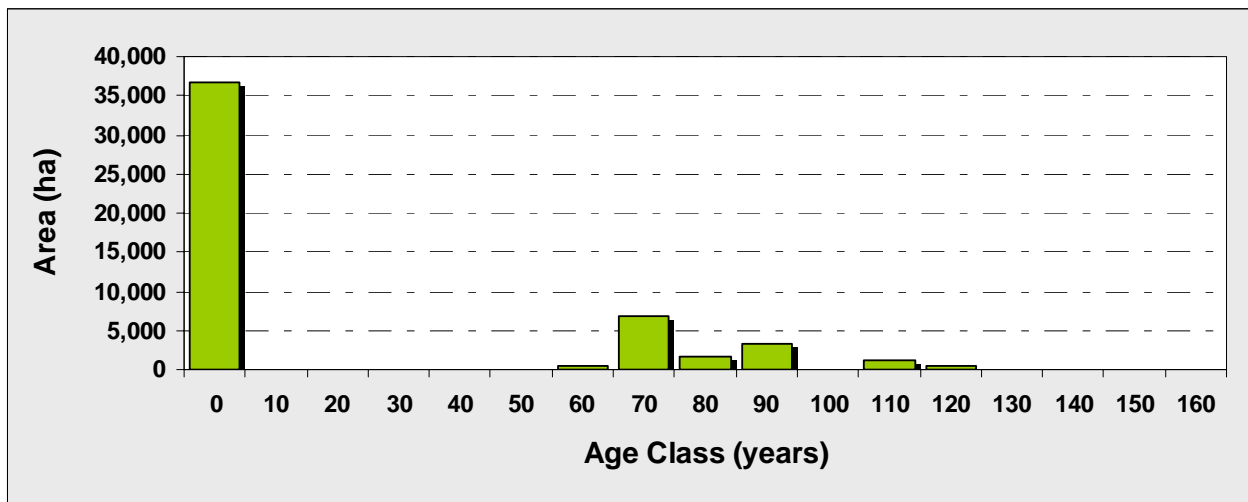
### 5.4.1 Age Class Distribution

The gross forested<sup>1</sup> age class distribution is provided in Table 5-4 and Figure 5-1. As described previously there is a large portion of the FMA in the 0-9 year age class due to the recent fires.

**TABLE 5-4: AGE CLASS AREA**

Age Class	Area (ha)
0 – 9 YEARS	36,800
10 – 19 YEARS	0
20 – 29 YEARS	0
30 – 39 YEARS	0
40 – 49 YEARS	0
50 – 59 YEARS	93
60 – 69 YEARS	547
70 – 79 YEARS	6,707
80 – 89 YEARS	1,582
90 – 99 YEARS	3,255
100 – 109 YEARS	117
110 – 119 YEARS	1,155
120 – 129 YEARS	529
130 – 139 YEARS	67
140 – 149 YEARS	42
150 – 159 YEARS	41
160 – 169 YEARS	18
<b>Total Area (ha)</b>	<b>50,952</b>

**FIGURE 5-1: AGE CLASS AREA**



<sup>1</sup> Includes the forested areas within the Hondo and Sauleaux Natural Areas.

### 5.4.2 Species Group Distribution

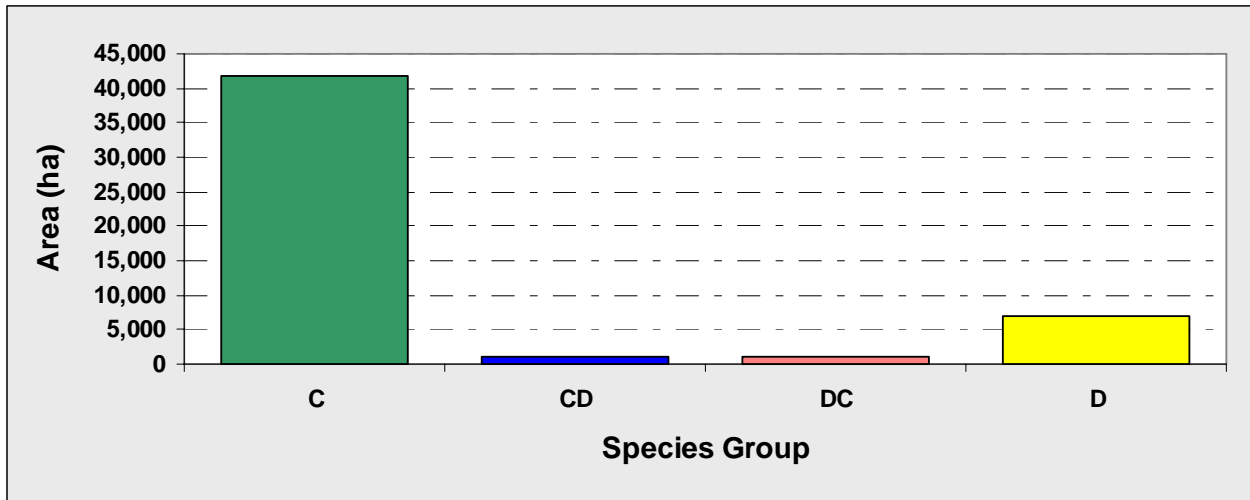
The gross forested species group distribution is given in Table 5-5 and Figure 5-2. As is seen in the corresponding table and figure, the majority of the area within the FMA falls within the pure conifer species group.

**TABLE 5-5: SPECIES GROUP AREA**

Species Group*	Area (ha)
C	41,700
CD	1,107
DC	1,101
D	7,044
<b>Total Area (ha)</b>	<b>50,952</b>

\* Assumes areas burned in recent fires regenerate to the pre-burn stand type.

**FIGURE 5-2: SPECIES GROUP AREA\***



\* Assumes areas burned in recent fires regenerate to the pre-burn stand type.

### 5.4.3 Species Group Age Class Distribution

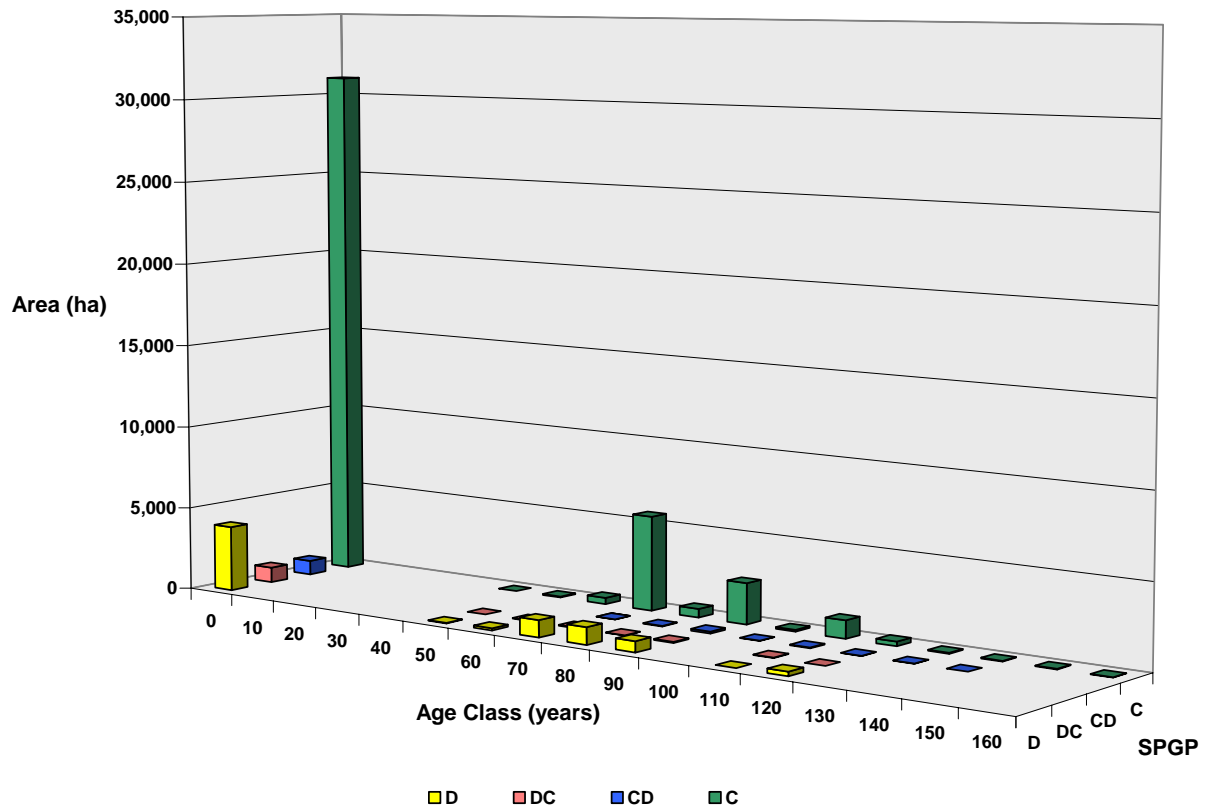
The species group age class distribution of the gross forested area is given in Table 5-6 and Figure 5-3. Most of the FMA area falls in the conifer species group with a 0-9 year age class. Map 5-6 displays the species group age class distribution.

**TABLE 5-6: SPECIES GROUP AGE CLASS AREA**

Age Class	Species Group*				Total Area (ha)
	C (ha)	CD (ha)	DC (ha)	D (ha)	
0 – 9 YEARS	31,077	866	900	3,956	36,800
10 – 19 YEARS					0
20 – 29 YEARS					0
30 – 39 YEARS					0
40 – 49 YEARS	0				0
50 – 59 YEARS	63		1	29	93
60 – 69 YEARS	379		41	127	547
70 – 79 YEARS	5,640	7	48	1,011	6,707
80 – 89 YEARS	507	33	18	1,024	1,582
90 – 99 YEARS	2,438	117	59	642	3,255
100 – 109 YEARS	102	15			117
110 – 119 YEARS	1,070	49	33	3	1,155
120 – 129 YEARS	266	11	0	252	529
130 – 139 YEARS	57	10			67
140 – 149 YEARS	42	0			42
150 – 159 YEARS	41				41
160 – 169 YEARS	18				18
<b>Total Area (ha)</b>	<b>41,700</b>	<b>1,107</b>	<b>1,101</b>	<b>7,044</b>	<b>50,952</b>

\* Assumes areas burned in recent fires regenerate to the pre-burn stand type.

**FIGURE 5-3: SPECIES GROUP AGE CLASS AREA\***

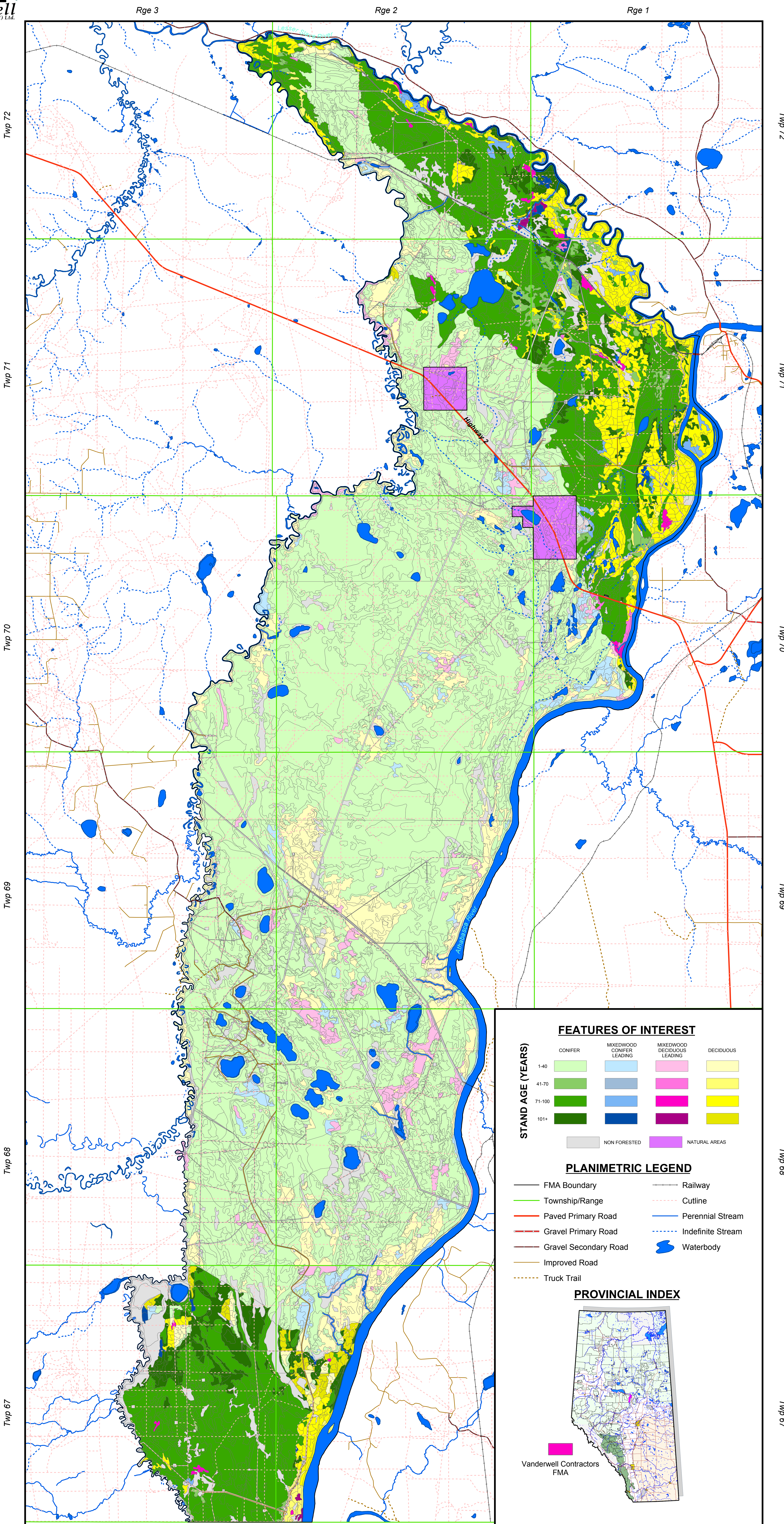
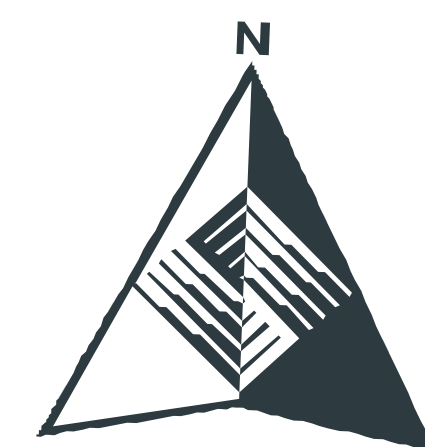


\* Assumes areas burned in recent fires regenerate to the pre-burn stand type.





# SPECIES GROUP AGE CLASS DISTRIBUTION WITHIN GROSS LANDBASE AREA



**FEATURES OF INTEREST**

STAND AGE (YEARS)	CONIFER	MIXEDWOOD CONIFER LEADING	MIXEDWOOD DECIDUOUS LEADING	DECIDUOUS
	1-40	[Light Green]	[Light Blue]	[Light Pink]
41-70	[Medium Green]	[Medium Blue]	[Medium Pink]	[Medium Yellow]
71-100	[Dark Green]	[Dark Blue]	[Dark Pink]	[Dark Yellow]
101+	[Very Dark Green]	[Very Dark Blue]	[Very Dark Pink]	[Very Dark Yellow]

NON FORESTED [Grey]      NATURAL AREAS [Purple]

**PLANIMETRIC LEGEND**

- FMA Boundary (Black line)
- Township/Range (Red dashed line)
- Paved Primary Road (Red solid line)
- Gravel Primary Road (Orange solid line)
- Gravel Secondary Road (Brown solid line)
- Improved Road (Yellow solid line)
- Truck Trail (Dotted line)
- Railway (Black line with cross-ticks)
- Cutline (Black dashed line)
- Perennial Stream (Blue solid line)
- Indefinite Stream (Blue dashed line)
- Waterbody (Blue solid area)

**PROVINCIAL INDEX**

Vanderwell Contractors  
FMA

