

5.3 Landscape Disturbance

5.3.1 Forest Productivity

The forest productivity classes of ‘Treed’, ‘Cutblocks’, ‘Recent Burns’, ‘Natural Non-Forested’ and ‘Anthropogenic Non-Forested’ are summarized in this section.

The ‘Treed’ classification refers to all areas that are forested and have not been harvested or disturbed by recent fires. The ‘Cutblocks’ class refers to all harvested areas. The ‘Recent Burns’ class refers to all areas that have been burned by the Mitsue or either of the Chisholm fires, excluding cutblocks. The ‘Natural Non-Forested’ class refers to areas that for natural reasons do not have forest type vegetation. This includes vegetated areas like grassy meadows and shrub areas, and non-vegetated areas including lakes, rivers and flooded areas. The ‘Anthropogenic Non-Forested’ class refers to areas that do not have forest type vegetation as a result of human influence. These areas include gravel pits, pipelines, wellsites, and crop and pastured land. The areas within each forest productivity class are displayed in. Map 5-3 displays the spatial distribution of these classes.

TABLE 5-2: FOREST PRODUCTIVITY CLASS AREA

FOREST PRODUCTIVITY CLASS	Area (ha)
Treed	14,153
Cutblocks*	6,359
Recent Burns	30,441
Natural Non-forested	6,097
Anthropogenic Non-forested	1,485
Total Area (ha)	58,535

*Table has been updated to capture area within cutblocks that have been identified since the original submission of this document. The referenced map (Map 1-3) does not show the location of these new cutblocks.

5.3.2 Operational Categories

The operational categories of ‘Non-Operational’, ‘Protected’, ‘Unmerchantable’ and ‘Operational’ are summarized in this section.

The FMA has been broken down into four distinct operational categories. The first category, ‘Non-Operational’, consists of watercourse buffers. The ‘Protected’ category represents all areas that are protected from timber harvesting such as disposition reservations that are not included in the net landbase. The ‘Unmerchantable’ category represents all areas where harvesting can not occur because the area does not contain enough merchantable timber. This category includes both unproductive areas and productive areas that do not currently meet the merchantability criteria. Anthropogenic Non-Forested areas are included in the ‘Unmerchantable’ operational category. The ‘Operational’ category consists of all stands that are currently merchantable, and do not fall into any of the other categories. The area of each forest productivity class is displayed in Table 5-3. The spatial distribution of these categories is displayed in Map 5-4.

TABLE 5-3: OPERATIONAL CATEGORY AREA

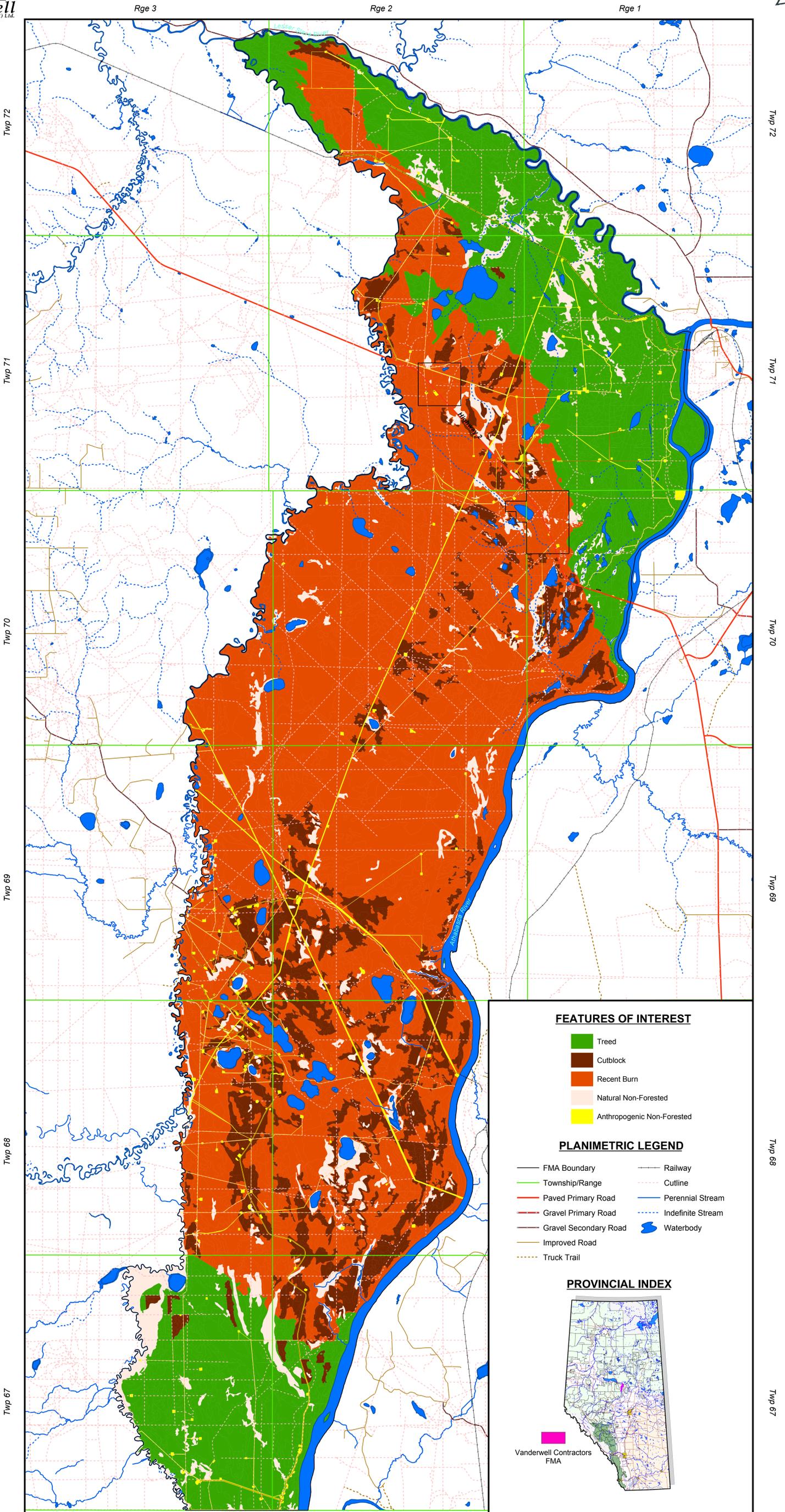
OPERATIONAL CATEGORY	Area (ha)
Non-Operational	1,787
Protected	711
Unmerchantable	51,635
Operational	4,402
Total Area (ha)	58,535

*Table has been updated to capture area within cutblocks (unmerchantable) that have been identified since the original submission of this document. The referenced map (Map 1-3) does not show the location of these new cutblocks



FOREST PRODUCTIVITY CLASSES

Within the Vanderwell FMA



FEATURES OF INTEREST

- Treed
- Cutblock
- Recent Burn
- Natural Non-Forested
- Anthropogenic Non-Forested

PLANIMETRIC LEGEND

- FMA Boundary
- Township/Range
- Paved Primary Road
- Gravel Primary Road
- Gravel Secondary Road
- Improved Road
- Truck Trail
- Railway
- Cutline
- Perennial Stream
- Indefinite Stream
- Waterbody

PROVINCIAL INDEX

