

**Tree Farm License 35**  
**Range Resource Analysis**

**Weyerhaeuser Company Ltd.**  
**BC Interior Division**

**Kamloops Forestlands**

**Weyerhaeuser Company Ltd.**  
**Appendix 13 - TFL 35 Range Resource Analysis**

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**1.0 Current Status**

**Range Resource Use**

The Range Resource is an important component of TFL 35 and it is the objective of Weyerhaeuser Company Ltd. to maintain the current carrying capacity of the range resource.

TFL 35 lies within portions of the Tranquille and West Barriere Stock Associations including three range units (See Table 1).

**Table 1: Stock Associations and Range Units – TFL 35**

<b>STOCK ASSOCIATION</b>	<b>RANGE UNIT</b>
Tranquille	Jamieson Creek Noble Creek
West Barriere	Whitewood

Five Range Licensees (see Table 2) use TFL 35 from May to October. The current total carrying capacity of the range resource is 2475 Animal Unit Months (AUMs). Total AUMs for TFL 35 were reduced to 2475 from 2600 in 1992 to reflect the deletion of Jamieson Ridge (Area A) to accommodate the SBFEP.

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**Table 2 – TFL 35 Grazing Operations Summary**

<b>RANGE LICENSEE</b>	<b>RANGE UNIT</b>	<b>OPERATION</b>	<b>PERIOD OF USE</b>	<b>AUMs</b>
Purity Feeds	Jamieson	200 cow/calf 10 bulls	June 1 – Sept 15	588
Ted Scott	Jamieson	200 cow/calf 10 bulls	June 1 – Sept 15	588
Tom Kempter	Whitewood	214 cow/calf 11 bulls 261 cow/calf 14 bulls	May 7 – 21  May 22 – Sept 15	45  523
Pete Puhallo	Whitewood	100 cow/calf 132 cow/calf 35 yearlings 8 bulls 132 cow/calf 35 yearlings 8 bulls	May 7 – 21 May 22 – Sept 15  Sept 16 – Oct 15	20 263  70
Terry Inskip	Noble Creek	100 cow/calf 5bulls	June 1 to Oct 15	378

**2.0 Range Resource Map**

The Range resource information is included as an overlay in our GIS file. The range resource map will be updated periodically by Weyerhaeuser, and the MOF Region and District as new information becomes available. The range resource map shows proposed and existing range improvements.

Recent range improvements are as follows:

**Noble Range Unit**

- Range fence between the Noble and Watching Units along the southeastern boundary of TFL 35 (adjacent to Lanes Creek).
- Range fence reconstruction at southwest corner of TFL adjacent to Poison Lake Pasture.

**Jamieson Range Unit**

- Range Licensee is proposing to reconstruct the corrals at Stuart Lake Meadow.
- New gate on the road leaving (Road #4204.00) the Wentworth FSR at 17km. This road accesses the areas previously known as the "Trap".

**Whitewood Range Unit**

- New corral at 35km Jamieson FSR
- Cattle bridge crossing Skull Creek in the Imada Pasture
- Range fence construction between Williams and White Lake Pastures.

**3.0 AUM Calculation**

The Kamloops Forest District based on historical data and range monitoring, is responsible for the determination of Range Unit AUM levels for TFL 35. The AUMs for TFL 35 are currently at 2475. This level has not changed since the deletion of the Jamieson Ridge for the Small Business Forest Enterprise Program.

**4.0 Range and Plantation Protection Plans**

Weyerhaeuser continues to work closely with range tenure holders. Our attendance at annual, local livestock association meetings and our informal discussions with individual ranchers have assisted both parties to cooperate in planning and active operations.

Range and Plantation Protection Plans (RAPP) will be developed prior to the Silviculture Prescription development phase in consultation with the MOF and the range tenure holder. Our intent is to meet annually with the range licensees and incorporate new proposed Category A cutting permits into RAPPs for each range unit.

Re-vegetation through grass seeding or planting seedlings will be carried out on disturbed areas within harvested areas where Weyerhaeuser determines that slope instability or

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erosion is likely. This will indirectly act as a weed control tactic for these areas. Any in-block range improvements will be noted.

Where there is a demonstrated need for grass seeding to facilitate range management, Weyerhaeuser is receptive to this practice where it is identified through the RAPP process. Seeding as a range management tool can facilitate the management of cattle away from sensitive areas (riparian area, plantations). Grass seeding plans will be jointly reviewed by the Ministry of Forests, Range Licensee and Weyerhaeuser following harvesting and site preparation to determine suitability and to understand potential impacts.

### **5.0 Access Management and Deactivation Plans**

Generally, all roads will have a deactivation plan. Our objective is to maintain 4x4 access on all operational roads. "In-block" roads, will in most cases, be permanently deactivated (ripped and grass seeded) or rehabilitated. Planting of some roads and landings can also be expected.

If the Rancher uses a particular road or skid trail for cattle management, this will be identified during the RAPP review and discussions and deactivation will be completed to allow for passage, if possible.

Access management points (blockages) may be prescribed. These will be shown on the range map and reviewed with the Rancher during annual RAPP meetings. Expected access beyond blockages may be ATV, walk-in or 4x4 (4x4 access is an option if gating is employed).

### **6.0 Noxious Weeds**

Noxious weeds are currently not a major concern on TFL 35. Hounds Tongue (*Cynoglossum officinale*) has been identified in the northeast corner of the TFL within the Imada and the Williams Pasture. The Range Resource Map provides an overview of the location of Hounds Tongue on TFL 35. Knapweed and Sulphur Cinquefoil (*Potentilla recta*) have been noted in the vicinity of 5km Jamieson FSR.