

**MATERIAL SUPPORTING THE NOTICE, BUT NOT PART OF THE NOTICE.**

**INFORMATION CONCERNING WILDLIFE HABITAT FOR THE WINTER SURVIVAL OF UNGULATE SPECIES IN THE KAMLOOPS TSA**

This document is intended to provide background information and support to the legal framework of the notice of indicators of the amount, distribution and attributes of wildlife habitat required for the winter survival of ungulate species in the Kamloops TSA. This document is not part of the legal notice. Its purpose is to provide additional information for consideration by delegated decision makers and by those persons required to prepare results and strategies consistent with section 7(1) of the Forest Planning and Practices Regulation.

**Kamloops TSA**

The information provided is based on the most current ungulate winter range modeling produced by MWLAP. The model is consistent with those used to identify winter ranges in the adjacent TSAs (Lillooet, Merritt and Okanagan). Government agency and stakeholder representatives will be forming a Kamloops LRMP Monitoring Table working group with the objective of refining all ungulate winter range areas and management direction using this information. The estimated date for completion of this process is April 2005.

**1) Mule deer, Moose, Elk, Caribou and Bighorn sheep.**

The Kamloops LRMP Higher Level Plan order provides legal objectives for the management of winter range habitat for mule deer and moose. It is intended that management for these species as per HLP direction will also address the winter habitat requirements for both Elk and Bighorn sheep.

**2) Mountain Goat (*Oreamnos americanus*)**

**Amount:**

The amount in the notice is based on the most current ungulate winter range mapping for Mountain goat in the Kamloops TSA. No THLB impact budget has been allocated through TSR to the management of winter range for Mountain Goat.

**Distribution:**

Figures and spatial information (shapefiles) to support the amount and distribution statements are included in the folders titled "Figures" and "Spatial Data" on the following ftp site:

[ftp://ribftp.env.gov.bc.ca/pub/outgoing/cdc\\_data/Approved\\_FRPR\\_sec7\\_WLPPR\\_sec9\\_Notices\\_and\\_Supporting\\_Info/Ungulate\\_Winter\\_Range/Timber\\_Supply\\_Areas/Kamloops\\_TSA/Supporting\\_Info/](ftp://ribftp.env.gov.bc.ca/pub/outgoing/cdc_data/Approved_FRPR_sec7_WLPPR_sec9_Notices_and_Supporting_Info/Ungulate_Winter_Range/Timber_Supply_Areas/Kamloops_TSA/Supporting_Info/)

Figure 1 shows the location of Mountain goat winter range mapping within the Kamloops TSA.

**Attributes:**

In addition to attributes identified within the notice, the following management practices should be considered for the conservation of habitat for Mountain Goat.

- Maintain thermal and security cover within mapped winter ranges
- Ensure that not more than 33% of the forested habitat within 200m of escape terrain is in early seral (<40 years) over one rotation and at least 50% basal area of mature and old stems are retained at all times.
- Avoid blasting within 500 metres of identified winter habitats from December 1 to June 30.
- Restrict disturbance or displacement of goats from logging activities (ground based, cable and helicopter logging) within winter ranges
- Avoid logging activities within 500 metres of identified winter habitats from December 1 to June 30 unless prescribed for protection of other resource values (e.g. sensitive soils).
- Avoid regular and repeated industrial helicopter flights within a 2-km line-of-site buffer around identified goat winter range from December 1 to June 30.
- Avoid regular and repeated forestry or logging related helicopter flights within a 2 km line-of-site buffer around observed summer maternity groups from June 1 to September 15.
- Limit impacts of road access and density on goat populations, particularly within their winter ranges
- Wherever possible, avoid road construction within winter habitats.
- Where road construction infringes upon goat winter range, vehicular access (2 and 4-wheel drive road vehicles) should be precluded as soon as possible after forestry activities, including planting, are completed. If required, the roads could be reopened during periods of silviculture activity.
- Planting to be done as soon as practicable – spring plant after winter logging and fall plant after summer logging.
- Clearcuts within winter ranges should not exceed 4 ha.