

Cariboo-
Chilcotin
Land Use
Plan

Prepared by:
CCLUP Mule Deer
Strategy Committee

Prepared for:
Cariboo Mid-Coast
Interagency
Management
Committee

January 2003

Management Strategy for Mule Deer Winter Ranges in the Cariboo-Chilcotin

Part Three: Transition Period Harvest Opportunities: **Borland Valley**



Steve Walker Photo

Context

This is part three of a 3 part package that make-up a complete MDWR Strategy. The other components are the “Management Plan for Shallow and Moderate Snowpack Zones” and the “Long-Term Objectives Map”. This brief description of this winter range’s characteristics, challenges, and opportunities must be used in conjunction with the other two parts mentioned above .

This management strategy has been developed through the use of stand structure, forest cover, and slope/aspect mapping. In addition comments and concerns of those responsible for land management practices and decisions in the area have been considered and incorporated wherever possible. It is based on the principles found in the “Handbook for Timber and Mule Deer Management Co-ordination on Winter Ranges in the Cariboo Forest Region” and the direction provided by the Cariboo-Chilcotin Land Use Plan Mule Deer strategy and the CCLUP - Integration report. The assessment of the current condition of the winter range has been based on the information gathered through the mapping exercises described above. This plan is designed to help guide forest harvest planning in order to maintain or, where required, restore winter range suitability.

In accordance with CCLUP Integration Report direction, this plan has provided increased timber harvesting access (i.e. compared to the harvesting direction prior to the CCLUP Integration) to the winter range both in the 30-year transition period and in the long term. To maintain habitat values with this increased level of access will require concerted effort and a high level of accountability from foresters developing silviculture prescriptions on winter range. Also, those responsible for implementing the silviculture prescriptions will need to carefully supervise the harvesting operations to ensure that prescriptions are well implemented on the ground. Government agencies will need to carefully monitor the implementation of this plan to ensure that habitat values are not being put at risk.

Borland Valley Mule Deer Winter Range

The Borland Valley mule deer winter range is located south-east of the city of Williams Lake. The area is bounded by the Borland Creek to the south, the Likely highway on the west, and private land and unsuitable habitat on the east and north. The total area, excluding the private land, is 2450 hectares largely made of gently sloping areas dominated by Douglas-fir forests. There are also small areas dominated by pine, spruce, and aspen. The majority of the winter range is located within the IDFdk3 biogeoclimatic zone with portions in both the IDFXm and SBSdw2 sub-zones.

Because this winter range is so close to Williams Lake it has a long history of industrial use. The primary use which has affected the winter range structure is timber harvesting, but grazing of cattle, private land alienation, extensive residential development, and road building associated with the above have all occurred within the winter range. Most of the timber harvesting occurred prior to the implementation of guidelines for harvesting in mule deer winter ranges and therefore current condition has been adversely affected. Woodlot license #0547 is also located within the winter range.

Transition Period Harvest Opportunities: Borland Valley MDWR

The stand level objectives and operational considerations, for each harvest opportunity type, are described in Table 4.2 of “*Part 1a: Management Plan for Mule Deer Winter Ranges in the Cariboo-Chilcotin, British Columbia: Shallow and Moderate Snowpack Zones*”.

Risk Rating of this winter range:

Moderate

Snowpack zones on this winter range:

Shallow
Moderate
Transition

Habitat Management Zone	Harvest Opportunity Type by Long-term Objective						
	1-3	4 – Thinning from below			5 – “Handbook logging”		
		Low objective	Moderate objective	High objective	Low objective	Moderate objective	High objective
1	✓	✓	✓	✓	✓		
2	✓	✓	✓	✓	No Low objective	✓	No high objective
3	✓	✓	✓	✓	✓	✓	

✓ - indicate potential harvesting opportunities