

B.C. Mountain Goat Workshop, Prince George, BC 2005

Project Title: Chilliwack District Mountain Goat Winter Range Inventory

1. Project Leader(s): Bill Jex, Greg George

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Web page:

ftp://ftpsry.env.gov.bc.ca/pub/outgoing/Wildlife/Mountain_Goats/Chilliwack_Forest_District/

4. Project location: WLAP Region 2, Chilliwack District

Coastal: Transition: Interior:

5. Project timeframe: Start (month/year): 02/97 End (month/year, or ongoing): 03/01 & ongoing

6. Project status: Data collection Analysis Write-up Publication

7. Project objectives: (briefly describe the primary objectives of your project)

To facilitate the identification and establishment of Mountain Goat Winter Range habitat for the Fraser TSA.

8. Project descriptors (select all that apply):

Research

Habitat Use:

Forestry Interactions:

Management

VHF collars:

Oil & Gas Interactions:

Inventory

GPS collars:

Mineral Exploration:

Predation:

Harvest:

Aerial Disturbance:

Habitat Modeling:

Population Dynamics:

Human Disturbance:

Other:

8. Project description (provide a brief description of your project including methods and main findings or results to date):

Winter aerial inventory (RIC methodology) to identify winter range habitats and habitat use by Mountain Goats in coastal and transitional areas. This provided cursory/baseline population estimates and age/sex class demographic information which supported harvest/non-harvest recommendations, and for comparison to previously collected datasets from the 1960's, 1971 and 1984. Development of GWR polygons also facilitated quantifying attributes of the habitats, for use in testing habitat suitability models and their criteria (RIC model and benchmarks). GWR polygons were delivered as part of WLAP's role in FPC/FRPA planning processes which prescribed habitat management measures related to forest development and industrial activities (including mining and back country recreation) in and about winter range habitat.

9. Project documentation (provide a list of citations for all progress, final, or published reports)

Jex, W. A. 2004. Fraser Timber Supply Area Mountain Goat Winter Range Plan: Submission for Designation and Establishment of Mountain Goat (*Oreamnos americanus*) Winter Ranges, within the Fraser Timber Supply Area. Unpublished report. MWLAP Chilliwack.

Jex, W. A. 2004. Analysis of the Topographic Habitat Attributes for Mountain Goat (*Oreamnos americanus*) Winter Ranges on the Southern Mainland Coast of British Columbia. Unpublished report. MWLAP Chilliwack.

Jex, W. A. 2001. Winter Range Rationale and Polygon Submission of Mountain Goat-Winter-Range Habitat for Inclusion in Timber Supply Review III for the Fraser Timber Supply Area (November 2001). Unpublished report. MWLAP Chilliwack.