

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

Project Title: Mountain Goats in the Kicking Horse Canyon, Trans Canada Highway

1. Project Leader(s): Kim Poole

2. Project Team Members: Andrew Walker

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4. Project location: Kicking Horse Canyon, east of Golden

Coastal: Transition: Interior:

5. Project timeframe: Start (month/year): May 2000 End (month/year, or ongoing): Jul 2000

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

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

The objectives of this study were to identify potential impacts to mountain goat use of and access to the bluffs adjacent to two bridges and their approaches in the Kicking Horse Canyon east of Golden, B.C.; to assess these impacts; and to recommend potential mitigation required to bridge and approach design and construction that will minimize impacts to the goats.

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: Highway Interactions

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

We reviewed existing literature on mountain goat use of mineral licks and the impact of disturbance on goats. Between late May and mid-July 2000 we conducted three 8-9 day observation sessions at the bridges to document goat use of the bluffs adjacent to these sites. We mapped trails into the bluffs, areas of concentrated mineral lick use, and bedding sites. We also reviewed road and harvest mortality data, conducted interviews with residents and local wildlife officials, and obtained information from other wildlife researchers with experience in the area.

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

Poole, K.G., and A.B.D. Walker. Mountain goats in the Kicking Horse Canyon, Trans Canada Highway. Unpublished report for B.C. Ministry of Transportation and Highways, Victoria, B.C..

