

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

Project Title: Application of mtn. goat winter habitat model

- 1. **Project Leader(s):** Sandra Sulyma Joanne Vinnedge
- 2. **Project Team Members:** Jonah Keim Doug Heard Len Vanderstar
- 3. **Project contact information:** Phone: 2509965262 Fax: 2509965290
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4. **Project location:** Fort St. James FD
Coastal: Transition: Interior:

5. **Project timeframe:** Start (month/year): Feb/2004 End (month/year, or ongoing): Mar/2004

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

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

A habitat model developed by Jonah Keim was applied to the mountainous portions of the Fort St. James Forest District that overlap with the Omineca WLAP regional boundary. The results were used as a preliminary tool to identify where potential Mountain Goat Ungulate Winter Range areas may be located.

8. **Project descriptors** (select all that apply):

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|---|--|--|
| Research <input type="checkbox"/> | Habitat Use: <input checked="" type="checkbox"/> | Forestry Interactions: <input type="checkbox"/> |
| Management <input type="checkbox"/> | VHF collars: <input type="checkbox"/> | Oil & Gas Interactions: <input type="checkbox"/> |
| Inventory <input type="checkbox"/> | GPS collars: <input type="checkbox"/> | Mineral Exploration: <input type="checkbox"/> |
| Predation: <input type="checkbox"/> | Harvest: <input type="checkbox"/> | Aerial Disturbance: <input type="checkbox"/> |
| Habitat Modeling: <input checked="" type="checkbox"/> | Population Dynamics: <input type="checkbox"/> | Human Disturbance: <input type="checkbox"/> |

Other:

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

Jonah Keim contracted to apply mtn. goat winter habitat model to portion of Fort St. James Forest District. Model was applied, spatial results provided, and a late winter helicopter survey conducted to evaluate applicability to local conditions.

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

Keim, J. 2004. Application of a predictive winter habitat model for mountain goats: in the Fort St. James study area. Report prepared for Min. of Water, Land and Air Protection, Omineca Region. unpubl. report.

