

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

**Project Title:** Upper Dala And Kitimat River Suitability/Capability Mapping for 6 Selected Species - Including Mountain Goats

**1. Project Leader(s):** Brad Pollard

**2. Project Team Members:** Brad Pollard

**3. Project contact information:** Phone: -2506380110 Fax: -2506381098  
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**4. Project location:** In four map sheets covering the upper Kitimat River and upper Dala River in the Kalum Forest District

Coastal:  Transition:  Interior:

**5. Project timeframe:** Start (month/year): 11/96 End (month/year, or ongoing): 04/98

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

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

Using developed TEM mapping, establish suitability and capability of ecological polygons for winter mountain goats use.

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

Research <input checked="" type="checkbox"/>	Habitat Use: <input checked="" type="checkbox"/>	Forestry Interactions: <input type="checkbox"/>
Management <input checked="" type="checkbox"/>	VHF collars: <input type="checkbox"/>	Oil & Gas Interactions: <input type="checkbox"/>
Inventory <input checked="" 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: Seasonal Movement in coastal and transition landscapes

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

Based on TEM mapping, each ecological type or complex was examined to determine their relative value to wintering mountain goats. Methods relied on extensive summer field sampling and winter inventory counts and tracking. The main finds were that while TEM could provide important correlations with suitable habitat, other factors such as aspect, slope, slope shape, and landscape influences were not considered adequately in the TEM classifications, especially in alpine environments, to make associations with actual use patterns.

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

Report and Maps submitted to Smithers MLWAP and District and Skenna Sawmills Ltd-final distribution unknown.

