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Cunningham Creek Route NTC 93A/14W  
 Longitude 121° 21' Latitude 52° 56'

- exploration in the Cunningham Creek area dates back to 1937 initially exploration concentrated on searching for gold deposits

- 1971 Coast Interior Ventures Ltd. - explored for base metals and high grade silver-gold quartz veins.

1976-1978 - RioCanex - detailed exploration for stratabound lead-zinc.

Loki gold. - 1989 completed a prog. of mapping & soil geochem & drilling

- loc - 25 km SE of Wells B.C.  
 - access by forestry roads.

### Regional Geol.

- ~~prop occurs~~ region - metaseds of complexly deformed U. Prot to U. Paleoz. age - Orinica Tectonic Belt  
 - to the west Barkerville Terrane; to the east Cariboo Terrane

- Property - units strike northwesterly with steep northeasterly dips.
- faults: strike north to north-east.
- oldest unit dk siltst, gtzite and sh of Midas Fm.
- Bralec Fm - marble
- youngest: handsoaked Riv. Fm - blk siltst (arg. phylt) micaceous gtzite.  
 - host to the barite.

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barite exposed @ 2 localities: approx 5 km apart

most northerly exposure is on Cunningham Creek - place operation

- bed is 0.25-1.0 m th, steeply dipping laminated to thin bedded  
v. pale grey to cream.
- barite is siliceous.

- southerly exposure @ an elev. of approx 6000'
  - 2.0-2.5 m thick
  - thick bedded to massive.
  - northwest strike; NE dip @  $65^{\circ}$
  - v. pale grey to cream colored.

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