



DB2GNW005  
marysville magnesite

003448

**MONTANA BUREAU OF MINES AND GEOLOGY**  
**MONTANA COLLEGE OF MINERAL SCIENCE AND TECHNOLOGY**  
**BUTTE, MONTANA 59701**  
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October 27, 1994

**Mr. Kirk Hancock**  
**Geological Survey Branch**  
**Ministry of Energy, Mines**  
**and Petroleum Resources**  
**1810 Blanshard St.**  
**Victoria, B.C. V8V 1X4**

**Dear Kirk:**

I was curious about the mineralogy of the olive green "fish" in the Marysville magnesite deposit so I ran a sample yesterday. This specimen is from the exposure near the road where they have blasted the magnesite.

I was surprised at the purity of the chlorite. There is a little magnesite and a trace of a mineral with a broad 9.5A peak. I suppose that these were clay beds in the carbonate.

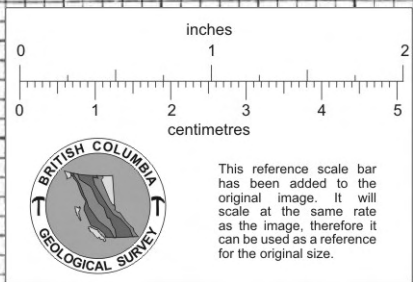
Sincerely,

**Richard B. Berg**  
**Industrial Minerals Geologist**  
**Phone: (406)496-4172**  
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RBB/sm

enclosure





Berg 10/25/99  
 ca. 35 to 50 ma  
 diff beam mono.  
 1° sl. 0  
 2° 2.0/min.  
 T.O. = 2  
 Range = 0.5 x 5 k  
 7253  
 "Fish" in  
 Marysville  
 magnesio

