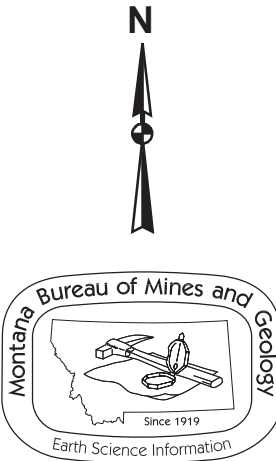
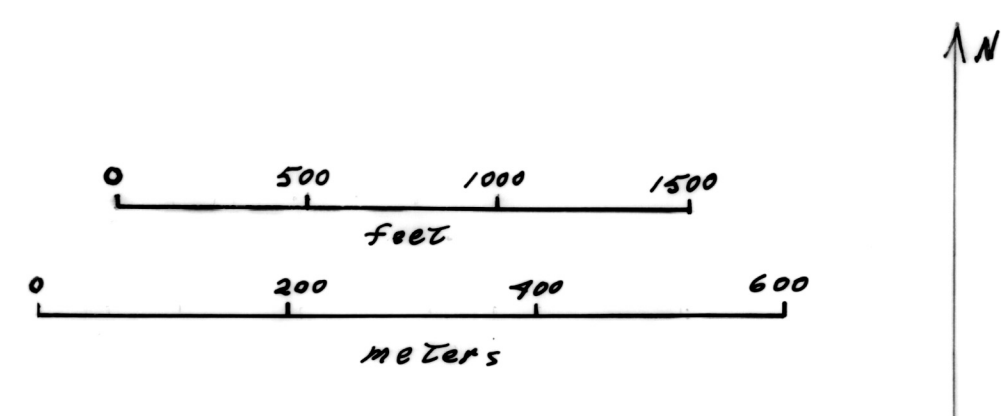


Explanation	
<b>Proterozoic</b>	<ul style="list-style-type: none"> <li> Diabase dike – exposure and inferred trace based on float</li> <li> Concentration of diabase float along Elk Creek fault</li> <li> Ultramafic body (small)</li> <li> Ultramafic body</li> <li> Pervasive serpentinization of ultramafic</li> <li> Quartzofeldspathic gneiss</li> </ul>
<b>Archean</b>	<ul style="list-style-type: none"> <li> Leucocratic garnetiferous gneiss</li> <li> Hornblende amphibolite</li> <li> Anthophyllite gneiss</li> <li> Quartzite</li> <li> Calc silicate gneiss</li> <li> Quartz vein or pod</li> <li> Talus from slide in ultramafic</li> <li> Approximate trace of Elk Creek fault</li> <li> Attitude of inclined foliation</li> <li> Bearing and plunge of fold axis</li> <li> Attitude of inclined joint</li> <li> Strike of vertical joint</li> <li> Lithology of outcrop too small to show on this map</li> </ul>

Figure 2. Outcrop map of the Elk Creek vermiculite deposit.  
Montana Bureau of Mines and Geology Open-File Report MBMG 335



Maps may be obtained from: Publications Office  
Montana Bureau of Mines and Geology  
1320 West Park Street  
Butte, Montana 59701-8997  
Phone: (406) 496-4167  
Fax: (406) 496-4451  
http://www.mbm.mtech.edu

This map was scanned from the original ink-on-mylar on September 27, 2005.

Montana Bureau of Mines and Geology  
Open File Report 335  
Geology of the Elk Creek Vermiculite Deposit  
Madison and Beaverhead Counties, Montana

Richard B. Berg

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