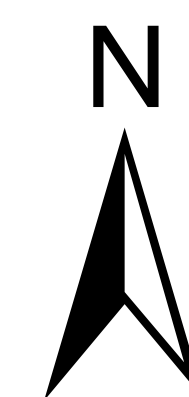
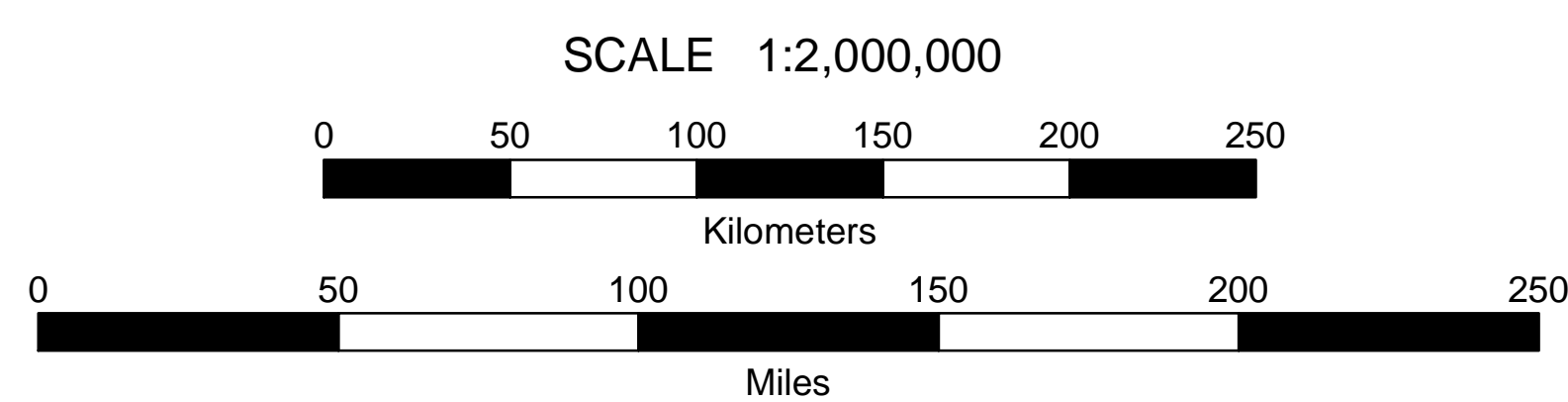


Sheet 11. Regional-scale alteration.

Regional scale alteration related to mineral deposits. In general, alteration of the country rock may lead to a decrease in permeability which will disrupt the groundwater flow in these areas. Alteration products associated with porphyry systems include feldspar, chlorite, biotite, sericite, quartz, kaolinite, montmorillonite and sulfide minerals. Epithermal and hot-spring precious metal systems have alteration products of silica (chert, opal), calcite, chlorite, and sulfide minerals.



Albers Equal Area projection
1927 North American Datum (horizontal)
29 30' 00" - First standard parallel
45 30' 00" - Second standard parallel
-96 0' 0" - Central meridian
23 0' 0" - Latitude origin