





Lake Bodies of Water Alluvium and Colluvium Gravel, Pediment, and Fan Deposits Bedrock Geology Landslide Deposits **Detailed Legend** Dune Sand and Loess Upper Miocene Rocks 2 Source: Hamerlinck and Arneson, 1998 Lower Miocene Rocks and Upper Oligocene Rocks White River Formation Intrusive and Extrusive Igneous Rocks Tw Wasatch Formation Fort Union Formation: Tongue River and Lebo Members Fort Union Formation: Lebo Member Fort Union Formation: Tullock Member Lance Formation Fox Hills Sandstone Pierre Shale Niobrara Formation Niobrara Formation and Carlile Shale Kcl Carlile Shale Greenhorn Formation and Belle Fourche Shale Kgbm Greenhorn Formation and Belle Fourche and Mowry Shales Mowry Shale Newcastle Sandstone and Skull Creek Shale Cloverly Formation (Hartville Uplift) or Inyan Kara Group (Black Hills) and Morrison Formation Sundance and Gypsum Spring Formations Spearfish Formation Goose Egg Formation Minnekahta Limestone and Opeche Shale Hartville Formation Minnelusa Formation Minnekahta Limestone, Opeche Shale, Minnelusa Formation, Pahasapa and Englewood Limestones, Whitewood Dolomite, and Winnipeg and Deadwood Formations Pahasapa and Englewood Limestones **Guernsey Formation** Whitewood Dolomite and Winnipeg and Deadwood Formations **PLATE** Metasedimentary and Metavolcanic Rocks Granite Tower Building Granitic Rocks of 2,600-Ma Age Group WVsv Metasedimentary and Metavolcanic Rocks















