LEGEND

**POLARIS COMPLEX**
- Intrusive rocks
- Stratified rocks
- Metamorphic rocks

**SYMBOLS**
- Geologic boundary (defined or approximate, inferred or assumed)
- High-angle fault or shear zone (defined or approximate, inferred or assumed)
- Bedding attitude (Facing known: inclined, vertical; facing unknown: inclined, vertical)
- Magmatic layering (inclined, vertical)
- Dike attitude (M-mafic; Di-diorite, quartz diorite, monzonite and quartz monzonite; Du-dunite)
- Field station
- U-Pb isotopic date (zircon)

**STRATIFIED ROCKS**
- Lay Range Assemblage (Mississippian to Permian)
- Metavolanic rocks including flows, tuffs and subvolcanic rocks
- Sedimentary and metamorphic rocks, including grey to green weathering, generally fine grained, locally graded and cross bedded, predominantly dark grey to brown weathering, moderately thickly bedded, tuffaceous siltstone and sandstone, phyllite, shale and sandstone, limestone, dolostone, mafic and ultramafic igneous rocks, gabbro, diorite, amphibolite and wehrlite, and a variety of interbedded sediments and metavolcanic rocks

**BULLETIN 93**
- Geological Survey Branch
- Map 4

**GEOLOGY OF THE NORTHWESTERN PART OF THE POLARIS ALASKAN-TYPE COMPLEX**


1000 Metres