LIST OF SYMBOLS USED ON GEOLOGICAL MAPS AND FIGURES

Drift covered area

Rock outcrop, area of outcrop, probable outcrop, float, frost-heaved rock

Geological boundary (defined, approximate, assumed, gradational, dip indicated)

Intrusive contact with younger unit indicated

Unconformity (defined, assumed)

Limit of geological mapping

Limit of area surveyed with aircraft

Bedding, tops known (horizontal, inclined, vertical, overturned)

Bedding, tops unknown (horizontal, inclined, vertical, dip unknown)

Bedding, general trend (dip unknown, top unknown; dip and top known; dip known, top unknown)

Bedding, estimated dip (gentle, moderate, steep)

Igneous flow banding (inclined, vertical)

Igneous intrusive sheets (inclined, vertical)

Primary igneous layering, tops known (horizontal, inclined, vertical, overturned)

Primary igneous layering, tops unknown (horizontal, inclined, vertical)

Strike and dip of pillows, tops known (horizontal, inclined, vertical, overturned)

Strike and dip of pillows, tops unknown (horizontal, inclined, vertical)

Primary igneous mineral lamination (inclined, vertical)

Primary igneous mineral lineation (inclined, vertical)
Age of lineation and of minor fold axes

Lineation of unknown age

\[ L_1 \]

\[ L_2 \]

Axe of minor folds (horizontal, inclined, vertical)

Sense of vergence of minor structures (used with minor fold axes symbol or lineation S intersection symbol; read looking along the arrow)

Structural trend (from aerial photographs)

Lineament (from aerial photographs)

Fault (defined, approximate, assumed)

Fault (inclined, vertical)

Fault (solid circle indicates downthrown side, arrows indicate relative movement)

Thrust fault (teeth in direction of dip; defined, approximate, assumed) (teeth indicate upthrust side)

Zone of numerous imbricate thrust faults

Fault zone, shear zone (width indicated)

Tectonic slide

Vein fault (defined, assumed)

Mineralized bed or seam (hematite)

Dike, vein, or stockwork (defined, approximate, assumed; unit number and dip indicated)

Joint (horizontal, inclined, vertical)

Sheeted dikes (horizontal, inclined, vertical)

Anticline (defined, approximate, assumed)
Antiform

Syncline (defined, approximate, assumed)

Synform

Anticline and syncline (overturned)

Anticline or syncline (arrow indicates plunge)

Antiform or synform

Glacial striae (direction of ice movement known, unknown). Numbers indicate relative age, 1 being the oldest

End moraine

 Minor moraines; rib moraines, washboard moraines, "annual" moraines, till ridges transverse to ice flow (irregular, straight)

Drumlins, drumlinoid ridges (direction of ice movement known, unknown)

Crag and tail hills and ramps

Glacial linear feature

Ping or palsa

Esker (direction of flow known, unknown)

Esker (continuous, discontinuous)

Raised beaches

Limit of marine or lacustrine submergence (well marked, assumed)

Dunes

Area of sand dunes

Buried valley
Flow Contact

Zone containing xenoliths

Zone of intrusive agmatite

Roof pendant (unit number indicated; too small to map separately)

Zone containing autoliths

Breccia of various origins

Slaty cleavage (horizontal, inclined, vertical, dip unknown)

Strain-slip cleavage (horizontal, inclined, vertical, dip unknown)

Schistosity, cleavage, foliation; used where ages of foliation are indicated on the map (horizontal, inclined, vertical)

Schistosity of unknown age

S₁

S₂

Schistosity, gneissosity, cleavage, foliation, general trend

Gneissic foliation (horizontal, inclined, vertical, dip unknown)

Gneissic banding (horizontal, inclined, vertical)

Axial plane of minor fold (inclined, vertical, dip unknown)

Lineation (horizontal, inclined, inclined but plunge unknown, vertical)

Type of lineation denoted by letter:

Mineral lineation

S intersections

Microcrenulations

Boudin axes

Deformed clasts

Igneous inclusions

Rodding, mullion structure

Metamorphic aggregates

Deformed pillows
| Abandoned river channel, spillway, ice-marginal channels, rill patterns, etc. |
| Landslide scar |
| Escarpment and cirques |
| Fossil locality |
| Locality where age has been determined, in millions of years |
| Ice divide |
| Land system boundary |
| Location of measured section |
| Gravel pit or quarry (active, abandoned) |
| Borrow pit (active, abandoned) |
| Rock dump or tailings |
| Rock quarry (active, abandoned) |
| Mine (lead, zinc) |
| Mine (lead, zinc; abandoned) |
| Mineral prospect; mineral occurrence (manganese) |
| Placer deposit (gold) |
| Show of oil and gas (abandoned) |
| Show of gas (abandoned) |
| Gas producer |
| Oil producer |
| Oil and gas producer |