



QUATERNARY

Q Thick cover (glacial till, alluvium)

TERTIARY

Ts Undifferentiated sedimentary rock

Tb Basalt

JURASSIC

Jd Dolerite

PERMIAN

Pt Tillite

SILURO-DEVONIAN

Dg Granite

Ds Sandstone

Dsh Siltstone

Ss Black shale & siltstone

Sq Quartzite, sandy shale, siltstone

ORDOVICIAN

Ol Limestone

Osh Calcareous shale

LATE CAMBRIAN - EARLY ORDOVICIAN

O-8c Conglomerate quartz sandstone
minor shale (Owen Conglomerate)

CAMBRIAN

8tb Volcaniclastic conglomerate, tuff
(Lukes Breccia)

8tt Tuff (Comstock Tuff)

8tl Lava

Intrusive Rocks

8lf Felsic (non-granitic)

8li Intermediate

8lb Basic

8lu Ultrabasic

8g Granite

CAMBRIAN

Extrusive Volcanics

8f1 Felsic tuff

8fa Felsic agglomerate

8fi Felsic ash-flow

8fl Felsic lava

8f Felsic undifferentiated

8ic Intermediate tuff

8ia Intermediate agglomerate

8if Intermediate ash-flow

8il Intermediate lava

8i Intermediate undifferentiated

8bt Basic tuff

8ba Basic agglomerate

8bi Basic ash-flow

8bl Basic lava

8b Basic undifferentiated

Sedimentary Rocks

8sb Black shale

8sh Shale, siltstone

8sq Sandstone, greywacke

8sv Volcaniclastic siltstone (Rosebery Host)

8sa Volcaniclastic sandstone

8sc Conglomerate (excluding Owen, Tyndall)

8sl Dolomite, limestone

8se Chert, fine grained siliceous rock

8s Sediment undifferentiated

PRECAMBRIAN

PEq Quartzite & shale

PEs Schist

INTERBEDDED LITHOLOGIES

Symbol: dominant lithology - mixed
subordinate lithology

eg. 8sh-b
8f1-f

Colour code: striped

50 Strike & dip of bedding, facing known

50 Strike & dip of bedding, facing unknown

<50 Overturned bedding

Vertical bedding

30 Strike & dip of cleavage

Vertical cleavage

50 Banding or primary foliation
in volcanic rocks

Anticline, plunge

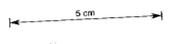
Syncline, plunge

Geological boundary

Unconformity

Fault - observed or accurate

Fault - position approx. or inferred



GEOLOGY