

Simplified Legend - Robert's Arm Volcanic Belt Only

Late Ordovician - Early Silurian Sops Head Complex (in part)

IO:eS:SHC *Tommys Arm Bridge mélange*

Late Ordovician - Powderhorn Lake Tract, Powderhorn Brook Outflow Division

IO:PLs *metapelite*

IO:PLv *metarhyolite*

Late Ordovician - Baker Brook Tract Rocky Brook Division

IO:Brb3 *ash tuff*

IO:Brb2 *argillite*

IO:Brb *Rocky Brook unseparated*

Middle Ordovician - Baker Brook Tract, Eastern Baker Lake Brook Division

mO:Beb2 *metawacke*

mO:Beb1 *metarhyolite tuff*

Middle Ordovician - Catamaran Brook Tract, Joes Lake Division

mO:CBv3 *pillowed tholeiite*

mO:CBv2 *felsic-mafic tuffs*

mO:CBv1 *basaltic andesite*

Middle Ordovician - Sops Head Complex (in part), Burtons Harbour - Herring Cove Division

mO:BHHCs *siltstone*

mO:BHHCb *alkali basalt*

Middle Ordovician - Burnt Pond Tract, Julius Harbour Division

mO:BPpg *migmatitic paragneiss*

mO:BPphs *hornfelsic schist*

mO:BPps *sulphidic phyllite*

Middle Ordovician - Crescent Composite Tract, Deer Pond Division

mO:CCRs *sandstone and chert*

mO:CCv2 *rhyolite tuff*

mO:CCv1 *tholeiitic basalt*

Middle Ordovician - South Brook Tract, Black Gull Island Division

mO:Rgi *pillowed tholeiite*

EARLY ORDOVICIAN - GULLBRIDGE TRACT Powderhouse Division

eO:Rph *tuffaceous wacke*

Gull Brook Bridge Division

eO:Rgb3 *felsic-mafic tuffs*

eO:Rgb2 *pumiceous wacke*

eO:Rgb1 *andesite and komatite*

eO:Rg *unseparated anthophyllite schist*

Loon Pond Intrusive Suite

eO:FLg *granite*

eO:FLgd *granodiorite*

Dawes Pond Brook Division

eO:Rdbf *rhyolite breccia*

eO:Rdbm *pillow lava*

eO:Rdb3 *calc-alkaline basalt*

eO:Rdb2 *felsic-mafic tuffs*

eO:Rdb1 *rhyodacite*

eO:Rdb *Dawes Pond Brook unseparated*

West Lake Brook Division

eO:Rwb5 *flood basalt*

eO:Rwb4 *calc-alkaline gabbro*

eO:Rwb3 *basaltic andesite*

eO:Rwb2 *pillowed arc tholeiite*

eO:Rwb1 *high-alumina basalt*

eO:Rwb *West Lake Brook unseparated*

Firetower Hill Intrusive Suite

eO:Rspf *quartz-feldspar porphyry*

Starkes Pond Division

eO:Rsp *banded rhyolite*

eO:Rspst *ash tuff*

eO:Rspb *rhyolite breccia*

eO:Rsp? *Starkes Pond unseparated*

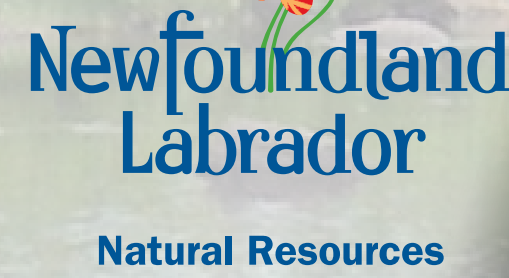
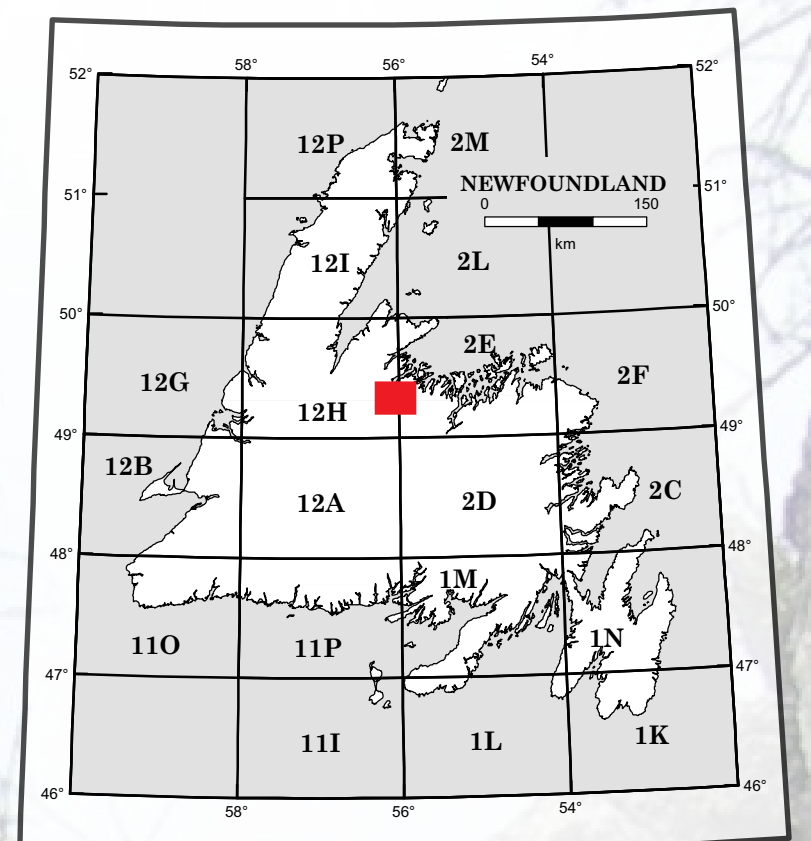
Tectonic Terranes

eO:RCm *Mud Pond unseparated*

eO:RCb *Boot Harbour unseparated*

Geological Map of the Great Gull Lake – Loon Pond area [NTS 12H8, 2E5]: Early – Late Ordovician Robert's Arm volcanic belt at 1: 35 000 scale

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Explanation of symbols

- Folded thrust fault (barbs on hanging wall)
- Secondary syn-metamorphic fault
- Reverse fault (barbs in dip direction)
- Post-metamorphic faults
 - Brittle dextral strike-slip fault
 - Brittle sinistral strike-slip fault
 - Brittle sinistral strike-slip fault (approximate)
 - Brittle dextral-oblique normal fault
 - Brittle normal fault
- Geological boundaries
 - Stratigraphic contact (approximate)
 - Intrusive contact (approximate)
 - Unconformity
 - Unconformity (approximate)
 - Cordierite-andalusite-magnetite isograd
- Roads

