

GEOLOGY OF THE FROZEN OCEAN LAKE - NEW BAY

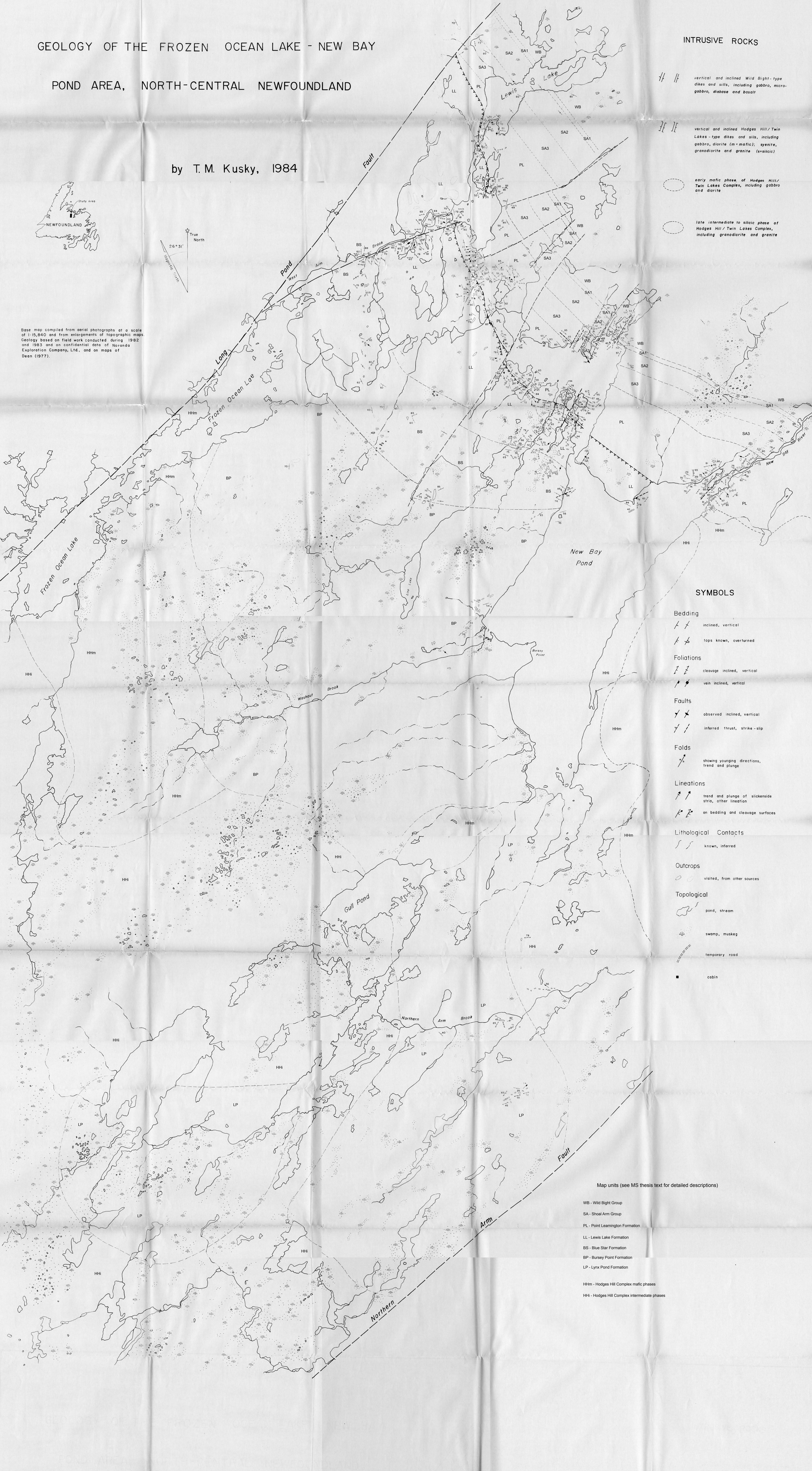
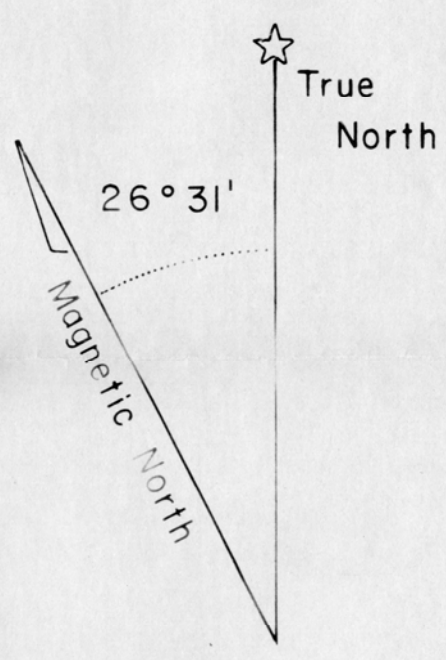
POND AREA, NORTH-CENTRAL NEWFOUNDLAND

by T. M. Kusky, 1984

INTRUSIVE ROCKS

- vertical and inclined Wild Bight-type dikes and sills, including gabbro, micro-gabbro, diabase and basalt
- vertical and inclined Hodges Hill/Twin Lakes-type dikes and sills, including gabbro, diorite (m-mafic), syenite, granodiorite and granite (s-silicic)
- early mafic phase of Hodges Hill/Twin Lakes Complex, including gabbro and diorite
- late intermediate to silicic phase of Hodges Hill/Twin Lakes Complex, including granodiorite and granite

Base map compiled from aerial photographs at a scale of 1:15,840 and from enlargements of topographic maps. Geology based on field work conducted during 1982 and 1983 and on confidential data of Noranda Exploration Company, Ltd., and on maps of Dean (1977).



SYMBOLS

- Bedding**
 - inclined, vertical
 - tops known, overturned
- Foliations**
 - cleavage inclined, vertical
 - vein inclined, vertical
- Faults**
 - observed inclined, vertical
 - inferred thrust, strike-slip
- Folds**
 - showing younging directions, trend and plunge
- Lineations**
 - trend and plunge of slickenside stria, other lineation
 - on bedding and cleavage surfaces
- Lithological Contacts**
 - known, inferred
- Outcrops**
 - visited, from other sources
- Topological**
 - pond, stream
 - swamp, muskeg
 - temporary road
 - cabin

Map units (see MS thesis text for detailed descriptions)

- WB - Wild Bight Group
- SA - Shoal Arm Group
- PL - Point Leamington Formation
- LL - Lewis Lake Formation
- BS - Blue Star Formation
- BP - Bury Point Formation
- LP - Lynx Pond Formation
- HHm - Hodges Hill Complex mafic phases
- HH - Hodges Hill Complex intermediate phases