

CANADA
DEPARTMENT OF
ENERGY, MINES AND RESOURCES
SURVEYS AND MAPPING BRANCH

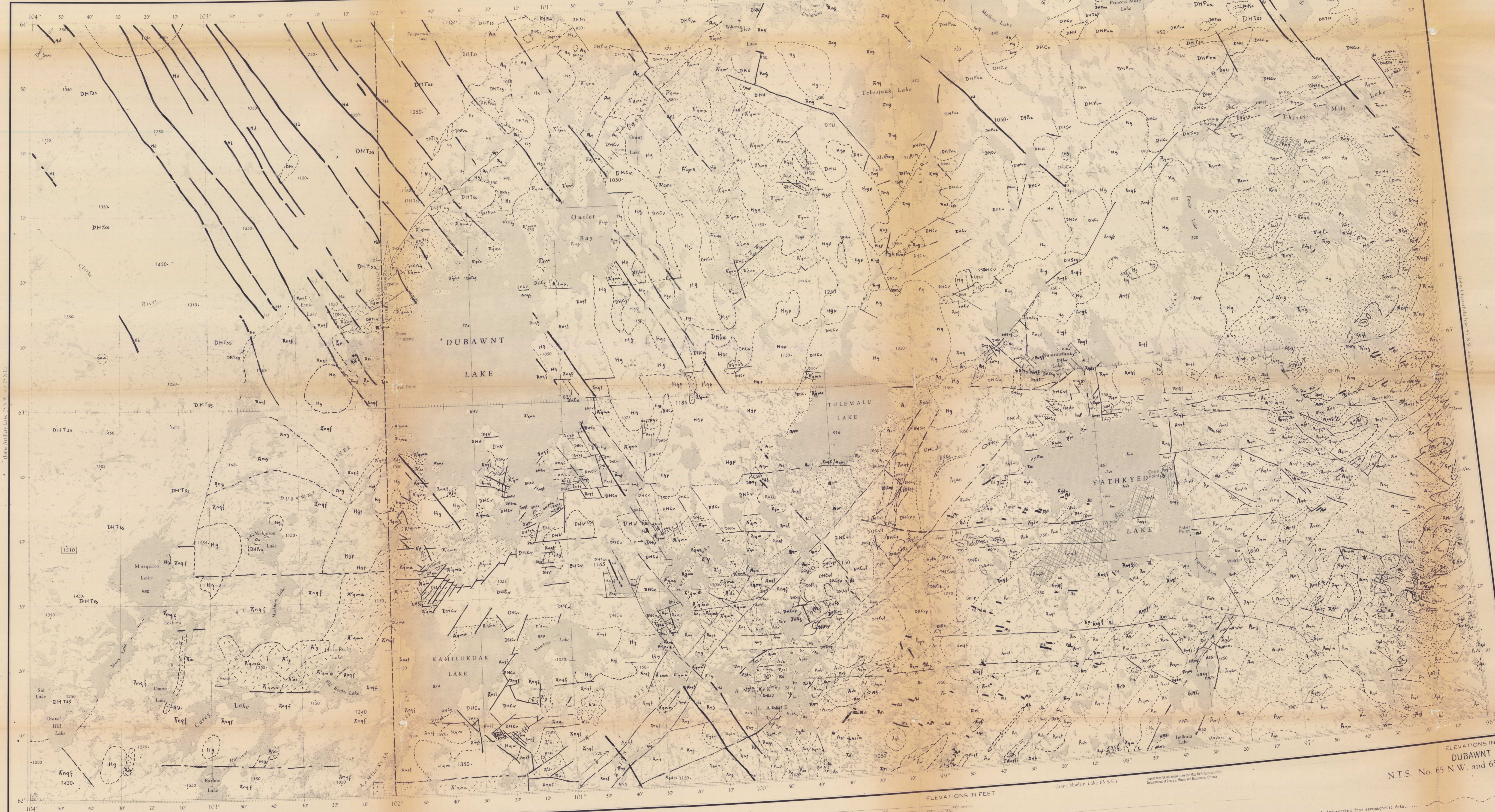
(Joins Aberdeen Lake 66 S.W. and 66 S.E.)

DUBAWNT LAKE
ELEVATIONS IN FEET

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- LEGEND - DUBAWNT LAKE (NTS 65N AND 65NE)
K.C. Eade
- lc Limestone
 - wd Diabase (Mackenzie dykes)
 - Wdl Gabbro (McGee Lake dyke)
 - Hg Granite, coarse grained, porphyritic, rapakivi textures, fluorite-bearing
 - Hs Granite, equigranular to porphyritic; includes some quartz monzonite; in part may be older than Hg; mafic intrusives
 - Hb Gabbro, leucogabbro to monzonite
 - Hm Quartz monzonite to granite
 - Hv Syenite; includes some quartz monzonite to granite
- DUBAWNT GROUP**
- Dm Dolomite, siliceous dolomite
 - Ds Basalt
 - Dts Thelon Formation sandstone
 - Dcl Conglomerate
 - Dv Conglomerate, arkose, sandstone, may in part be equivalent to Dmfg
 - Dmfa Pitt Formation: quartz-feldspar porphyries and associated volcanic rocks
 - Dmfv Alkaline igneous rocks including Martell syenite; Dmfv, monzonite; Dmfv, syenodiorite
- KAMILUKUK GROUP**
- Km Kuvuk Formation: arkose, conglomerate
 - Kmfv Christopher Island Formation: undivided volcanic flow, pyroclastics and volcanic sediments
 - Kmfvf Mafic trachyte lava, minor intermediate to felsic trachyte lava
 - Kmfvv Pyroclastics, agglomerate, tuff, volcanic breccia, volcanic vent
 - Kmfvw Volcanogenic sediments, conglomerate, wacke, sandstone, siltstone
 - Kmfvx Kazan Formation: sandstone, siltstone
 - Kmfvz Conglomerate, arkose and wacke; includes South Channel Formation, conglomerate
 - Kmfvw Amphibolite Formation: sandstone, mudstone
- YATHKYED GROUP**
- Ym Quartz monzonite, massive to slightly foliated
 - Ysv Syenite, massive to slightly foliated
 - Ymfg Foliated granodiorite, granodiorite orthogneiss; Mgsp, porphyroblastic orthogneiss
 - Ymfv Quartz-feldspathic gneiss, granodiorite gneiss with some mafic inclusions; Mgfv, quartz-feldspathic gneiss to mafic trachyte gneiss, diorite-bearing; Mgfv, quartz-feldspathic gneiss, hornblende-bearing
 - Ymfvf Layered gneiss, lit per lit gneiss, migmatite, gneissic granodiorite with abundant inclusions
- MACKENZIE LAKE METASEDIMENTS**
- Mm Metakose, conglomerate, quartzite, quartz-mica schist, pelitic schist
 - Mmfv Layered gneiss, minor pelitic gneiss
- MACKENZIE LAKE METASCHISTS**
- Mmfv Metagabbro dykes
 - Mmfv Gabbro, metagabbro
 - Mmfv Diorites, gabbro, diorite gneiss
 - Mmfv Quartz diorite, gabbro, quartz diorite gneiss
 - Mmfv Granite to quartz monzonite
 - Mmfv Quartz monzonite, massive to slightly foliated; Mgfv, porphyroblastic quartz monzonite; Mgfv, foliated quartz monzonite
 - Mmfv Granodiorite, massive to slightly foliated; Mgfv, foliated granodiorite, granodiorite orthogneiss; Mgfv, granodiorite (Mgfv) with inclusions of quartz-feldspathic gneiss
 - Mmfv Quartz-feldspathic gneiss, granodiorite gneiss, with some mafic inclusions; Mgfv, biotite-bearing; Mgfv, hornblende-bearing
 - Mmfv Granulitic quartz-feldspathic gneiss, granodiorite gneiss
 - Mmfv Layered gneiss, lit per lit gneiss, migmatite, gneissic granodiorite with abundant inclusions
 - Mmfv Gneiss and slate, minor tuff, metapelite, pelitic schist
 - Mmfv Arkose, metakose
 - Mmfv Intercalated volcanic (Vv) and sedimentary (Ss) rocks
 - Mmfv Undifferentiated metamorphosed volcanic rocks
 - Mmfv Metamorphosed mafic volcanic rocks, flows and pyroclastics; includes minor mafic intrusive rocks
 - Mmfv Metamorphosed resist. to intermediate volcanic rocks, pyroclastics and flows
 - Mmfv Paragneiss, migmatized paragneiss, pelitic schist
 - Mmfv Metaklastic gneiss
 - Mmfv Amphibolite and amphibolite gneiss, derived from (Mm)
- SYMBOLS**
- Geological boundary, approximate, assumed, interrupted from aeromagnetic data
 - Fault, approximate, assumed, interrupted from aeromagnetic data
 - Antiform (arrow indicates plunge)
 - Synform (arrow indicates plunge)
- Compiled by K.C. Eade, 1980

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