

# RANKIN INLET

# SOUTHERN KEEWATIN

HELKIAN  
or  
LATER

HELKIAN  
or  
LATER

APHEBIAN

APHEBIAN

ARCHEAN  
and/or  
APHEBIAN

APHEBIAN  
and/or  
ARCHEAN

ARCHEAN

ARCHEAN

Wright (1955)

Bannatyne (1958)

Bell (1968)

Hudec (1969)

Heywood (1973)

this study

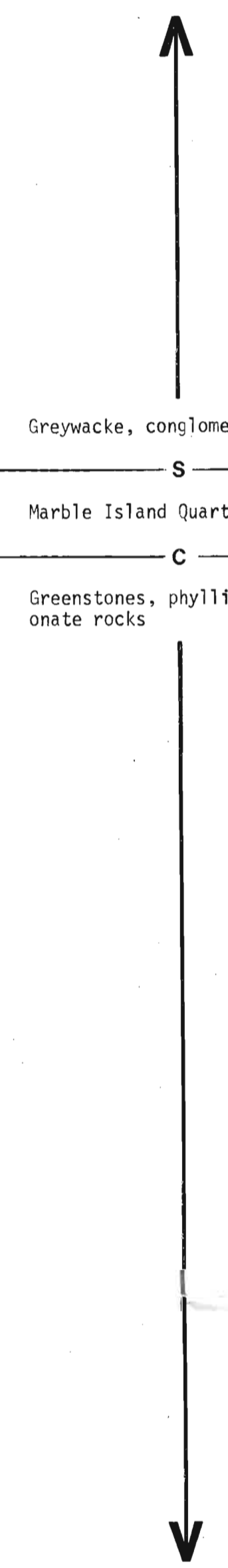
KAMINAK LAKE MAP-AREA  
Davidson (1970a)  
Southeast Area      West Area

ESKIMO POINT AND DAWSON  
INLET MAP-AREAS  
Davidson (1970b)

TAVANI MAP-AREA  
Heywood (1973)

HURWITZ GROUP  
Bell (1970)

**C O N T A C T S**  
B interlayered  
C conformable  
F faulted  
G gradational  
I intrusive  
S structurally overlies  
U unconformable  
? not exposed



Diabase dykes  
Lamprophyre sills  
Gabbro and diorite  
Serpentinite

Volcanic sequence: andesite, dacite, tuff  
Dolomite

Quartzite

Dolomite, siliceous dolomite  
Quartzite

Greywacke, carbonate-rich greywacke, impure quartzite, conglomerate, shale

Massive to weakly foliated granite, locally porphyritic; sills and dykes

Layered gneiss and quartz-biotite schist

Foliated porphyritic quartz monzonite

Quartzite, impure quartzite, shale, greywacke; dolomite and calcareous sediments; overlies and are overlain by mafic volcanic rocks

Felsic volcanic rocks; commonly sheared and metamorphosed to quartz-sericite schist

Mafic volcanic rocks; amphibolite and amphibolite gneiss

Lamprophyre dykes

Granite, massive to weakly foliated

Serpentinite

Actinolite-hornblende schist

Basalts, minor tuff and breccia  
Gabbro sills

Biotite schist and gneiss, actinolite-biotite schist and hornblende hornfels

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Foliated porphyritic quartz monzonite

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Conglomerate, slate, greywacke, minor iron-formation

Intermediate to felsic flows, tuff, breccia

Massive or pillowed greenstones, minor tuff, breccia; associated mafic sills and dykes

Diabase quartz diabase dykes

Biotite lamprophyre dykes

Granite, migmatite

Massive or pillowed andesite flows, tuffs, chert; associated sills and dykes  
Laminated siltstone, slate, greywacke; minor stromatolitic dolomite

Orthoquartzite

Conglomerate greywacke, impure quartzite

Porphyritic plagioclase diabase

Metamorphosed gabbro, diorite, tonalite, adamellite; migmatite and gneiss; in part considerably sheared and recrystallized

Biotite granodiorite, adamellite granite; aplite, pegmatite  
Hornblende tonalite, granodiorite; migmatite  
Hornblende gabbro, diorite; mafic migmatite

Shale, greywacke-siltstone, sub-greywacke, tuff, iron-formation, minor chert; derived slate, phyllite, pelitic schist and gneiss

Agglomerate, tuff, breccia, quartz latite, quartz-plagioclase porphyry; derived phyllonite, quartzofeldspathic sericite schist and gneiss

Andesite, basalt, minor mafic tuff, agglomerate, pillow breccia; gabbro sills and dykes; derived greenstones, green-schist, amphibolite, amphibole intrusives; hornblende-plagioclase gneiss

Diabase dyke

Granite, pegmatite; migmatite

Phyllite, amphibole schist

Orthoquartzite

Porphyritic diabase dykes

Quartz diorite, granodiorite and quartz monzonite, massive to foliated, in part porphyritic

Slate, argillite, impure sandstone, greywacke, iron-formation; conglomerate, dolomite and calcareous sediments

Felsic volcanic rocks; dacite, rhyolite, quartz and quartz-feldspar porphyries; commonly intensely sheared and metamorphosed to quartz sericite schist

Mafic volcanic rocks; basaltic to andesitic flows, in part pillowed; tuff and agglomerate; minor breccia; related gabbroic intrusives; amphibolite and amphibolite gneiss

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Figure 24: Correlation chart for the Rankin Inlet area and the southern District of Keewatin