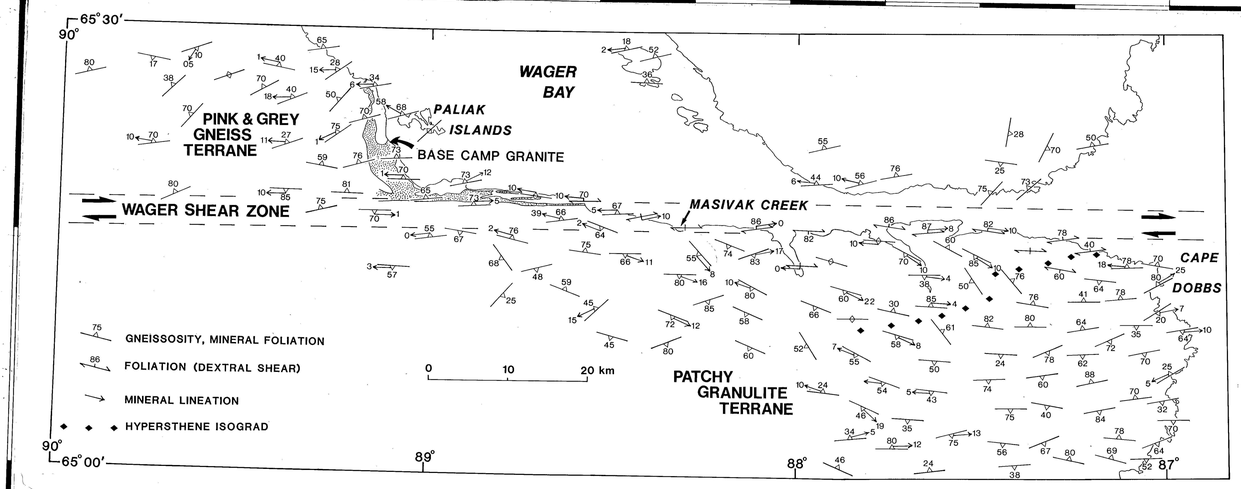
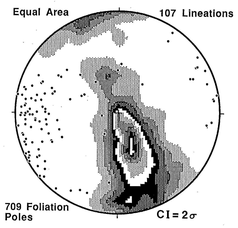
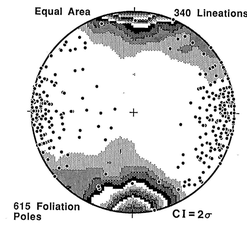
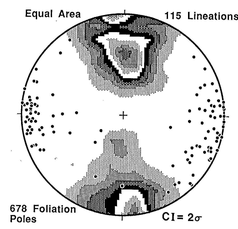



PINK & GREY GNEISS TERRANE

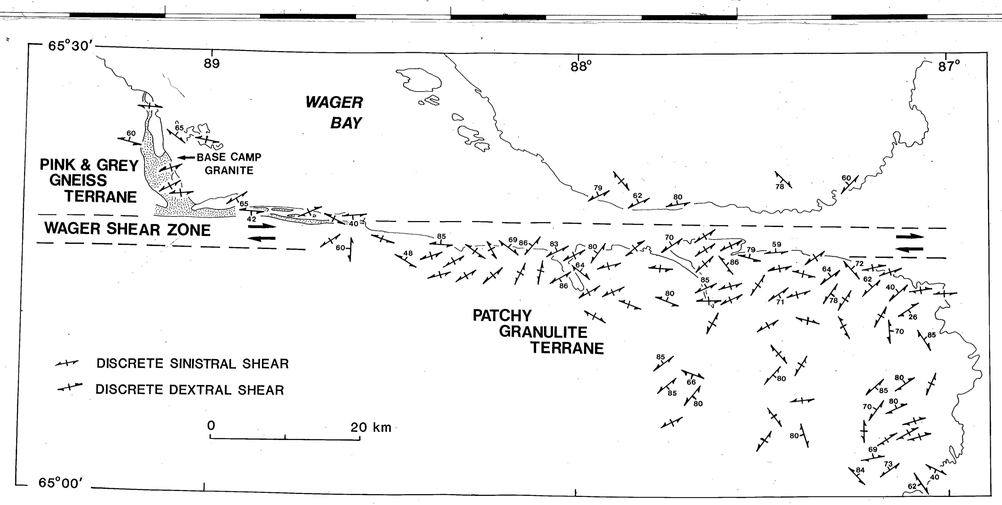


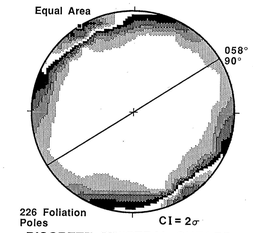

WAGER SHEAR ZONE



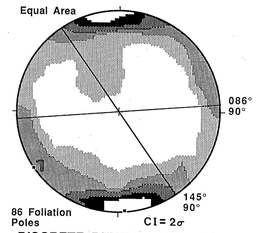

PATCHY GRANULITE TERRANE

Figure 2. Structural geology of the region around Wager Bay. Three structural fabric domains are shown on the map: (1) pink and grey gneiss terrane, (2) Wager Shear Zone, and (3) patchy granulite terrane (hypersthene occurs south of the isograd). The equal-area plots (lower-hemisphere) represent the macroscopic geometry of foliations and lineations measured in each domain (from Henderson and Broome, 1990).




DISCRETE SINISTRAL SHEARS




DISCRETE DEXTRAL SHEARS

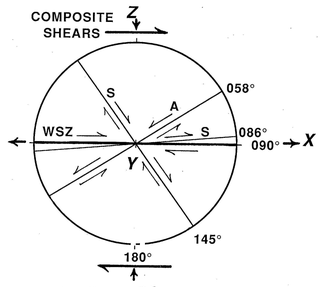



Figure 3. Map and equal-area plots showing the geometry of discrete sinistral and dextral shears in the region around Wager Bay. The dominant orientation of sinistral shears is taken to be 058°/90°. The dextral shears appear to form two sets: a major set is taken to be 086°/90° and a minor set to be 145°/90°. The plot of the composite geometry shows discrete shears synthetic (S) and antithetic (A) relative to the dextral Wager Shear Zone (from Henderson and Broome, 1990).

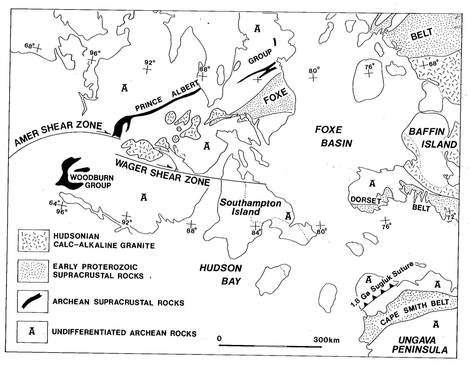
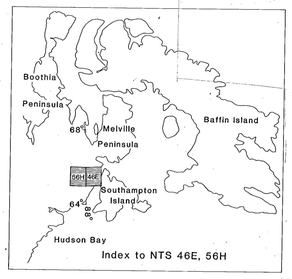



Figure 1. Map showing some geological elements of the region around Wager Bay.







## LEGEND

### STRUCTURAL SYMBOLS

- Gneissosity (horizontal, inclined)
- Pervasive dextral mylonitic foliation
- Pervasive sinistral mylonitic foliation
- Discrete dextral mylonitic foliation
- Discrete sinistral mylonitic foliation
- Mineral lineation
- Discrete dextral $S_2$ mylonitic foliation
- Discrete sinistral $S_2$ mylonitic foliation
- $S_2$ mineral foliation
- $F_1$ axial plane and fold axis with unknown vergence
- Fold axis (vergence north, south)
- $F_2$ axial plane and fold axis with neutral vergence
- Geological contacts (observed, approximate, inferred)
- Fault
- Hypersthene isograd

### LITHOLOGICAL SYMBOLS

- Area of no mapped outcrop, outcrop
- Mylonite, mylonitic gneiss (mainly quartzo-feldspathic)
- Gossan
- Granite pegmatite, aplite, pegmatite dyke, microcline porphyritic quartz monzonite and related aplite, structurally isotropic to weakly foliated
- Amphibolite dyke (with marginal pegmatite), pods of pyroxene in pegmatite matrix
- Foliated pink granite, plagioclase porphyritic granodiorite, quartz diorite, biotite-hornblende diorite
- Pink and grey banded gneiss (quartz diorite to quartz monzonite)
- Supracrustal, mafic and ultramafic rocks: a amphibolite, b interbanded garnet pelite and quartz diorite, c iron formation, d quartzite, e semipelite, f ultramafic rocks
- Hypersthene occurrence

0 5 10 20 25 km

# WAGER BAY, DISTRICT OF KEEWATIN (Parts of 46E and 56H)

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