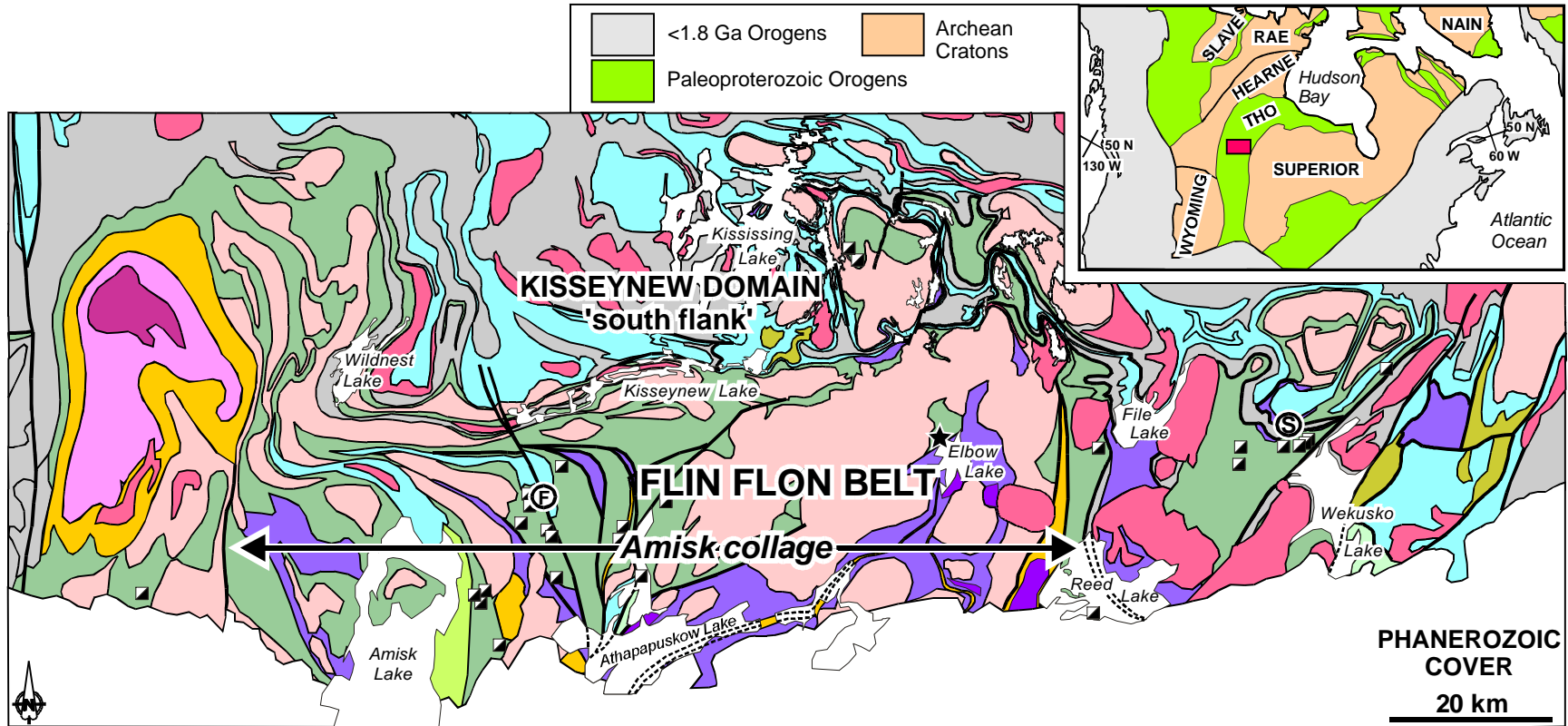


Tectonic assemblage map of the Flin Flon Belt (after NATMAP Shield Margin Working Group, 1998)



PRE-ACCRETION ASSEMBLAGES (1.87-1.92 Ga)

- Juvenile arc and Undivided metavolcanic rocks
- Ocean floor (back arc) metabasalt/synvolcanic mafic intrusive
- Ocean plateau metabasalt
- Tectonite
- ★ Ocean island metabasalt

PELICAN WINDOW GNEISSES

- Archean charnockite
- Orthogneiss and pelitic gneiss
- VMS deposit
- Fault

SUCCESSOR ARC and BASIN DEPOSITS

- Missi Group (1.83-1.85 Ga)
 - Continental sandstone / volcanics
 - Burntwood Group turbidites (1.84 - 1.85 Ga)
 - Schist-Wekusko Suite (1.85-1.88 Ga)
- ### FELSIC-MAFIC PLUTONS
- 1.76 - 1.82 Ga (Kisseynew Belt plutons)
 - 1.83 - 1.84 Ga (late successor arc plutons)
 - 1.84 - 1.90 Ga (early juvenile arc + early-middle successor arc plutons)
 - ca. 1.92 Ga ('evolved arc' plutons)