


LEGEND

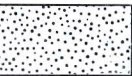
CHURCHILL STRUCTURAL PROVINCE

PROTEROZOIC

INTRUSIVE ROCKS

 Granite, syenite, tonalite, granodiorite

METASEDIMENTARY ROCKS

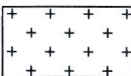
 Arkose, sandstone, greywacke and argillite derived metasedimentary rocks and migmatite

 Metaconglomerate with minor arkosic gneiss

SUPERIOR STRUCTURAL PROVINCE AND THOMPSON NICKEL BELT

PROTEROZOIC

INTRUSIVE, VOLCANIC AND SEDIMENTARY ROCKS

 Granodiorite


 Serpentine, serpentized peridotite and pyroxenite

 Migmatitic gneiss, augen gneiss, pegmatite

 Amphibolite and ultramafic amphibolite


ARCHEAN


EARLY INTRUSIVE AND METAMORPHIC ROCKS

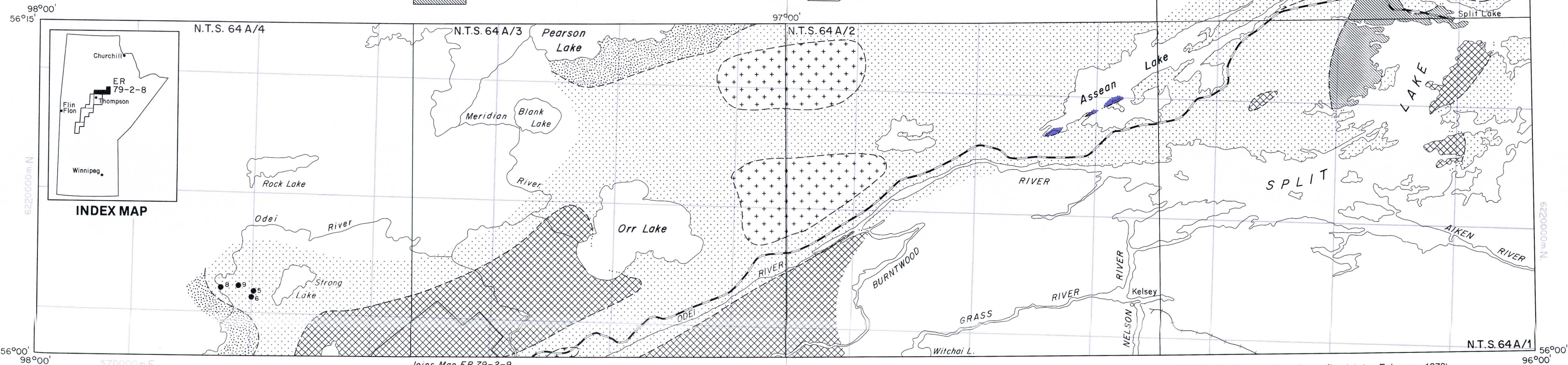
 Charnockite, tonalite, granodiorite, gneisses largely of sedimentary origin migmatite

SYMBOLS

 Geological boundary (approximate, underwater)

 Location and number of diamond drill hole intersecting ultramafics

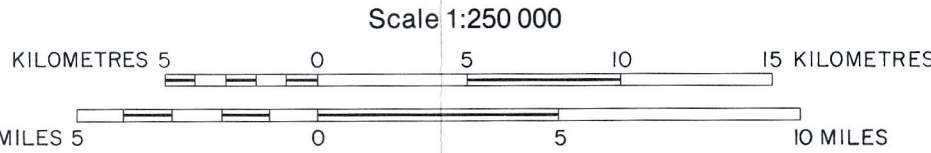
 Property boundary (status February, 1978)



SPLIT LAKE

THOMPSON NICKEL BELT ULTRAMAFIC OCCURRENCES*

To accompany Economic Geology Report ER 79-2



Compiled by Mineral Evaluation Branch, 1975-1978

Cartography by D.F. Bagwell

*Includes inventory of drill holes intersecting ultramafics (status February, 1978)

Selected Sources:

- 1) Geology simplified after Map of Manitoba (1:500 000 working scale) by R.F.J. Scoates (1979), J. M. Patterson (1963) and J. F. Stephenson (1964)
 - 2) Manitoba Mineral Inventory File, Geoscience Data Section, M.R.D.
 - 3) Open Assessment Files, Manitoba M.R.D.
- N.T.S. Reference 64/A