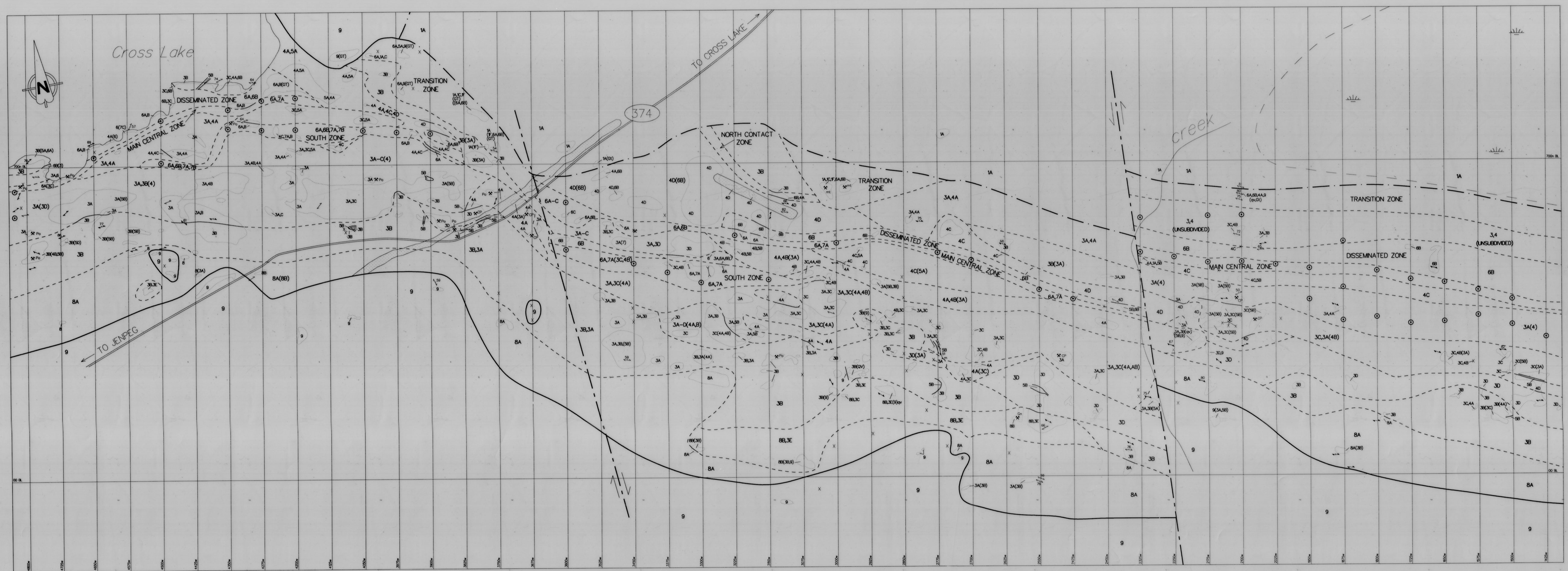


Legend

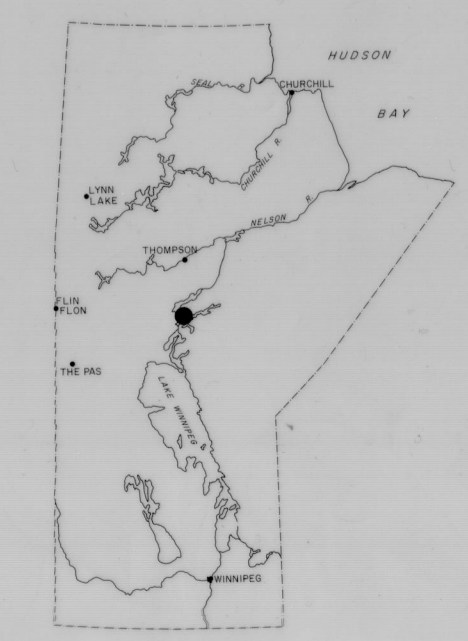
- 1 PIPESTONE LAKE GROUP: (1A) massive basalt flows with minor intercalated mudstone and wacke; (1B) pillow basalt flows; (1C) magnetite-bearing basalt flows (1D) plagioclase-phyric basalt flows; (1E) plagioclase-phyric diabase dykes; (1F) graywacke and mudstone
 - 2 MAFIC AND ULTRAMAFIC INTRUSIVE ROCKS: (2A) gabbro; (2B) layered gabbro-pyroxenite-peridotite intrusion
- PIPESTONE LAKE ANORTHOSITE COMPLEX
- 3 ANORTHOSITE: (3A) massive anorthosite; (3B) megacrystic anorthosite; (3C) oikocrystic anorthosite (3D) layered anorthosite - may include 3A, 3B, 3C and subordinate leucogabbro, gabbro, melagabbro and amphibolite layers; (3E) potassium- and/or silica-tered anorthosite (3F) magnetite-bearing anorthosite
 - 4 LEUCOGABBRO: (4A) massive leucogabbro; (4B) oikocrystic leucogabbro (leopard rock); (4C) magnetite-bearing leucogabbro; (4D) layered leucogabbro - predominantly leucogabbro interlayered with anorthosite and/or gabbro and/or melagabbro and/or amphibolite
 - 5 GABBROIC ROCKS: (5A) medium- to coarse-grained gabbro; (5B) fine-grained amphibolite and diabase veins, pods and dykes; (5C) plagioclase-phyric diabase veins and dykes (5D) layered gabbro - predominantly gabbro with subordinate anorthosite and/or leucogabbro and/or melagabbro (5E) magnetite-bearing gabbro
 - 6 MELANOCRATIC (MELA-) GABBRO AND PYROXENITE: (6A) magnetite-bearing melagabbro; (6B) ilmenite-bearing melagabbro (6C) layered melagabbro - predominantly melagabbro with subordinate anorthosite and/or leucogabbro and/or gabbro and/or pyroxenite; (6D) pyroxenite; (6E) talc-amphibole schist
 - 7 MASSIVE AND SEMI-MASSIVE OXIDE MINERALIZATION (>40% Oxide Minerals): (7A) massive magnetite (> 80% magnetite); (7B) semi-massive magnetite (40% to 80% magnetite); (7C) massive ilmenite (>80% ilmenite); (7D) semi-massive ilmenite (40% to 80% ilmenite); (7E) layered oxide mineralization - interlayered massive- to semi-massive oxides, gabbro, amphibolite, melagabbro, leucogabbro and pyroxenite; (7F) mafic schist +/- garnet
 - 8 INTRUSIVE BRECCIA: (8A) anorthosite breccia with >50% matrix, comprising anorthosite fragments set in a tonalite and/or granodiorite vein network - locally abundant quartz and granite pegmatite veins; (8B) anorthosite breccia with <50% tonalitic matrix
 - 9 WHISKEY JACK GNEISS COMPLEX: massive to gneissic granodiorite and tonalite with locally abundant late granite apite and pegmatite veins
 - 10 FELSIC INTRUSIVE ROCKS: (10A) granite apite veins and dykes; (10B) granite pegmatite veins and dykes
 - 11 MOLSON DYKES: (11A) aphyric gabbro and diabase dykes; (11B) plagioclase-phyric gabbro and diabase; (11C) layered/differentiated gabbro to granophyre dykes
- (Units in italics do not appear on this map).

Symbols

- Geological contact (defined, approximate)
- - - Margin of anorthosite complex (transitional, abrupt)
- Fault
- Shear zone
- Metamorphic foliation (dip unknown, dip known, vertical)
- Igneous layering (inclined, dip known)
- Magnetic anomaly
- Mineral occurrence (Pp-pyrrhotite, Cp-chalcopyrite, mt-magnetite, Gr-garnet)
- Garnet, quartz vein
- Outcrop



Geology by D. C. Peck, H. D. M. Cameron and M. T. Corkery
 Cartography by J. M. Pacey
 Originally mapped at 1:2500



This map is a provisional summary of work carried out during the summer field season and is printed directly from the geologist's manuscript. It is not to be regarded as a final interpretation of the geology of the area.