

LEGEND

PRECAMBRIAN

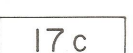
Post-Sickle Intrusive Rocks



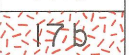
19 Diabase



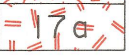
18 Pegmatite and aplite



17c Pink "quartz-eye" granite; quartz monzonite



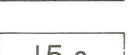
17b Quartz monzonite



17a Porphyritic quartz monzonite



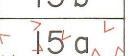
16 Nebulitic tonalite and granodiorite with inclusions of 10, 11 and 2a



15c Pink granite and quartz monzonite; minor alkalic coarse-grained gneissic granodiorite and quartz diorite



15b Biotite-hornblende granodiorite with diorite to quartz diorite contact phases; minor quartz monzonite



15a Quartz monzonite; granite



14c Granodiorite



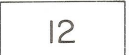
14b Biotite-hornblende tonalite and diorite



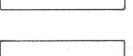
13 Hornblende and associated amphibole-plagioclase gneiss



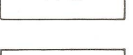
12 Foliated magnetiferous quartz diorite



11d Gneissic hornblende granodiorite to quartz diorite



11c Magnetite-biotite granodiorite



11b Diorite; associated quartz diorite and granodiorite



11a Quartz diorite; leuco-quartz diorite

Opachuanu Gneisses



10c Migmatite derived from 10a and 10b



10b Hornblende-biotite intermediate gneiss with amphibole-plagioclase gneiss and amphibolite



10a Biotite-hornblende intermediate gneiss

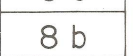
Sickle Group



9 Biotite-muscovite-quartz schist



8c Arkose-derived gneisses and migmatite



8b Impure arkose; minor quartzite



8a Arkose conglomerate; minor arkose

Pre-Sickle Intrusive Rocks



7c Diorite; quartz diorite



7b Hornblende gabbro; hornblende; minor diorite and quartz diorite

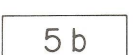


7a Ultramafic amphibolite and associated olivine-bearing rocks

Waskwan Group



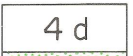
6 Sulphide zones



5b Porphyritic meta-basalt and meta-andesite



5a Meta-basalt; meta-andesite



4d Plagioclase paragneiss



4c Meta-arkose; feldspathic quartzite; minor arkose conglomerate



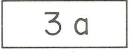
4b Greywacke conglomerate



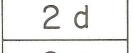
4a Acid and intermediate pyroclastic rocks; meta-siltstone; amphibolite



3b Dacite; minor rhyolite and rhyodacite; acid tuff; agglomerate; volcanic breccia



3a Fragmental volcanic rocks and associated amphibole gneiss



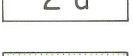
2d Banded amphibole-plagioclase and biotite-tremolite-garnet gneisses



2c Porphyritic meta-basalt, meta-andesite and meta-pelite



2b Meta-basalt; meta-andesite; meta-pelite; includes minor amounts of 3b and 4a



2a Amphibolite; amphibole-plagioclase gneiss



1 Pelitic biotite gneiss

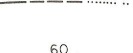
SYMBOLS



Area of outcrop



Small outcrop



Geological boundary (defined, approximate, assumed, underwater)



Bedding, tops unknown (inclined)



Inclusion layers (inclined, vertical)



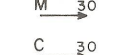
Oneissosity (inclined, vertical, dip unknown)



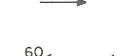
Schistosity (inclined, vertical, dip unknown)



Fracture cleavage, strain slip cleavage (inclined)



Foliation in inclusions (inclined, vertical)



Mineral lineation (inclined)



Microcrenulations (inclined)



Joints (inclined, vertical)



Mineral occurrence: pyrite



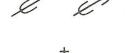
Mineral occurrence: pyrrhotite



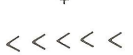
Mineral occurrence: chalcopyrite



Mineral occurrence: molybdenite



Mineral occurrence: sulphides



Glacial striae (direction of movement known, unknown)



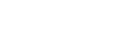
Reef



Esker

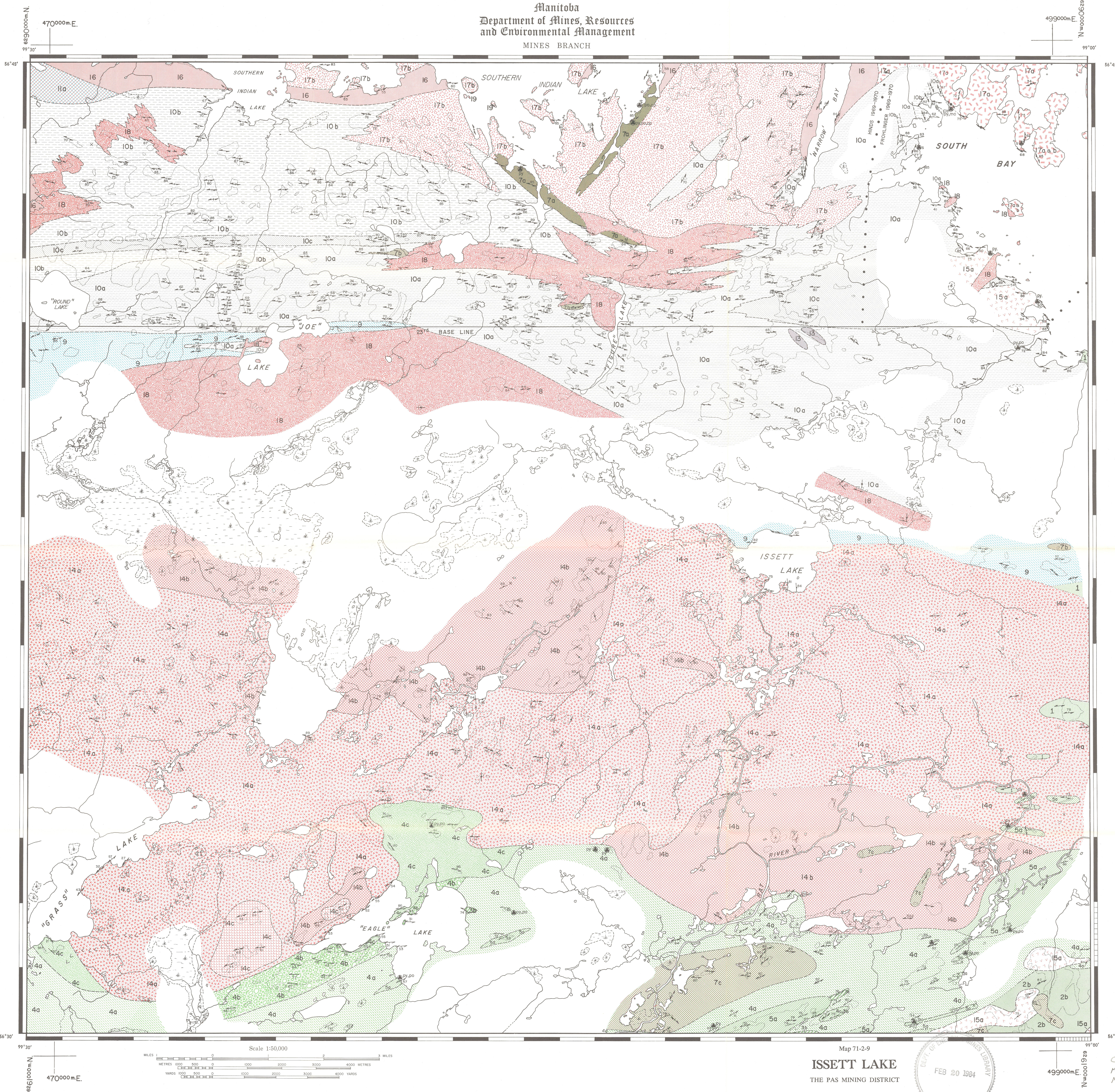
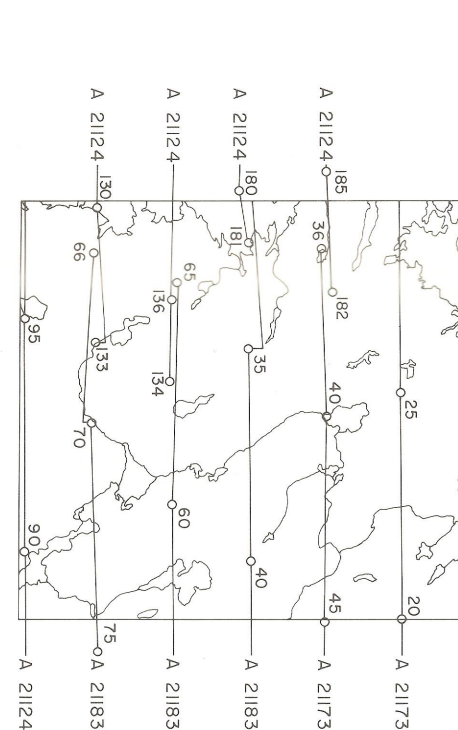


Swamp



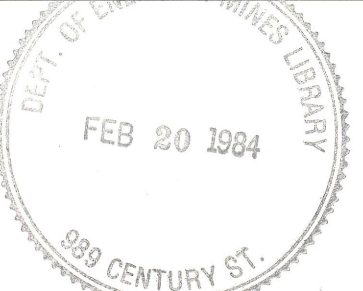
Boundary of map-area

INDEX TO AERIAL PHOTOGRAPHS



Map 71-2-9

ISSETT LAKE
THE PAS MINING DISTRICT



CA2
MEM
MRD
9F
71-2F
C.1