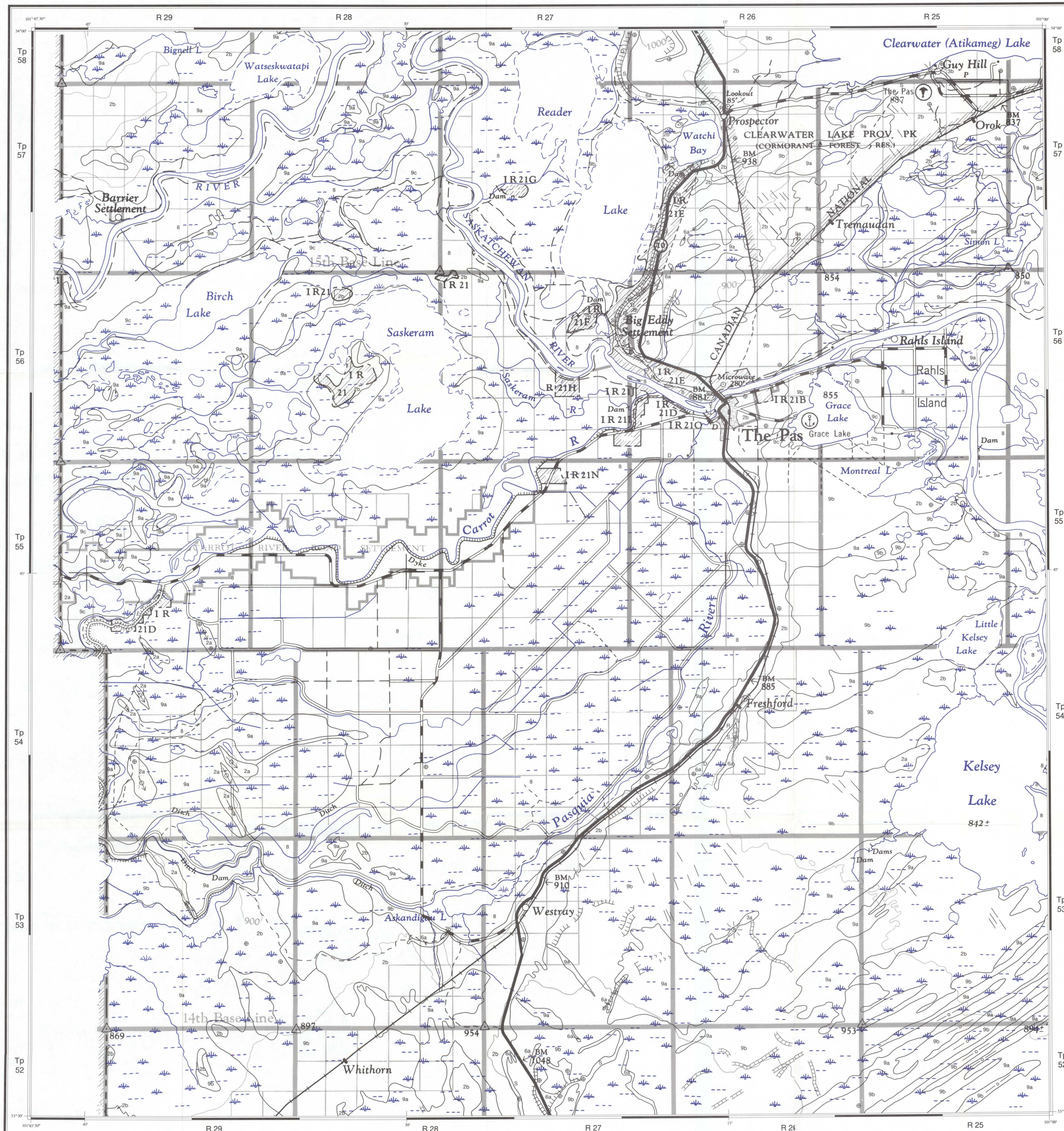


MAP 1 SOUTH HALF QUATERNARY GEOLOGY OF THE PAS REGION



LEGEND

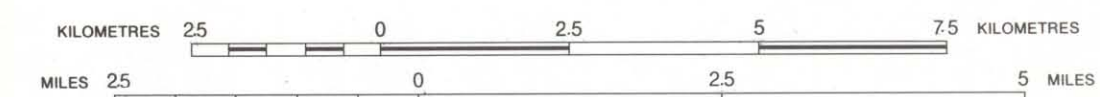
- POST GLACIAL DEPOSITS**
- 9. Organic Deposits
 - 9c Muck and shallow peat (swamps)
 - 9b Sphagnum peat and feather mosses (fens)
 - 9a Sphagnum and forest peat (bogs)
 - 8. Alluvial Deposits
 - 8 Fine sand, silt and clay
 - 7. Eolian Deposits
 - 7 Fine to medium sand in dunes
 - LATE GLACIAL DEPOSITS**
 - 6. Littoral Deposits
 - 6b Beach sand and lag gravel
 - 6a Stratified sand and gravel beach ridges
 - 5. Lacustrine Deposits
 - 5 Moderately calcareous varved clay
 - 4. Varved silty clay, minor sand and boulders
 - GLACIAL DEPOSITS**
 - 3. Glaciofluvial and Proglacial Deposits
 - 3b Sand and gravel outwash plain
 - 3a Glaciofluvial sand and gravel
 - 2. Till
 - 2c Ablation till: calcareous, light yellowish brown, stony, sandy
 - 2b Upper till: highly calcareous, light grey, clayey
 - 2a Lower till: highly calcareous, pale to yellowish brown, oxidized, stony with silty clay matrix

- PALEOZOIC**
- 1. Dolomite Bedrock
 - 1 Dolomite: exposed or covered by a thin till veneer

SYMBOLS

- | | |
|--|-------------------------------|
| | Kame |
| | Esker |
| | Drumlin (ice direction shown) |
| | Fluting |
| | Beach Ridge |
| | Till Ridge |
| | Ice Direction Indicator |
| | Meltwater Channel |
| | Sample Point |
| | Drill Site |
| | Resistivity Site |
| | Seismic Site |

Scale: 1:100,000



GEOLOGY BY: V. Singhroy, 1976
TO ACCOMPANY
GEOLOGICAL REPORT 80-2

INDEX MAP

