

SURFICIAL GEOLOGY IN THE L.G.D. OF PARK NORTH

LEGEND

QUATERNARY

Holocene

- 7 Organics** peat, muck ; seasonally submerged swamp deposits
- 6 Colluvium** diamicton, till, silt and clay, sand, minor gravel ; undifferentiated slope deposits
- 5 Alluvium** fine- to medium-grained sand, minor silt, clay and organics, some localized gravel ; sediments along the flanks and bottoms of modern streams

Pleistocene

- 4 Valley terrace** sand, gravel, boulder to cobble gravel ; fluvial spillway channel deposits, some terraces are erosional with thin lag deposits over till
- 3 Glacio-lacustrine** laminated silt and sand, medium sand ; lake sediments blanket pre-existing hummocky topography
- 2 Outwash** sand and gravel, gravel ; eskers can be associated with outwash plain sediments
- 1 Till** diamicton, silt - clay matrix, generally overconsolidated ; lodgement or meltout facies

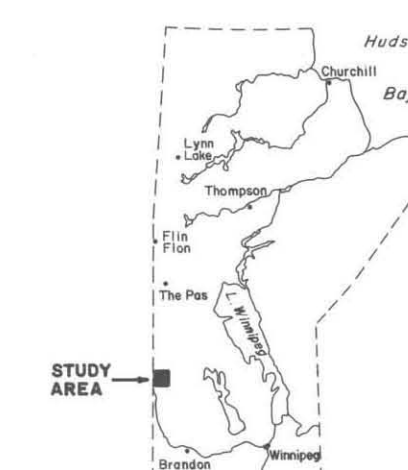
Aggregate potential

- High** proven or tested aggregate deposit, quality known
- Moderate** good possibility of aggregate, potential area for aggregate exploration, marginal or unknown quality
- Low** marginal areas with some potential of aggregate deposits
- Unfavorable** generally unsuitable geological environment for aggregate deposits

SYMBOLS

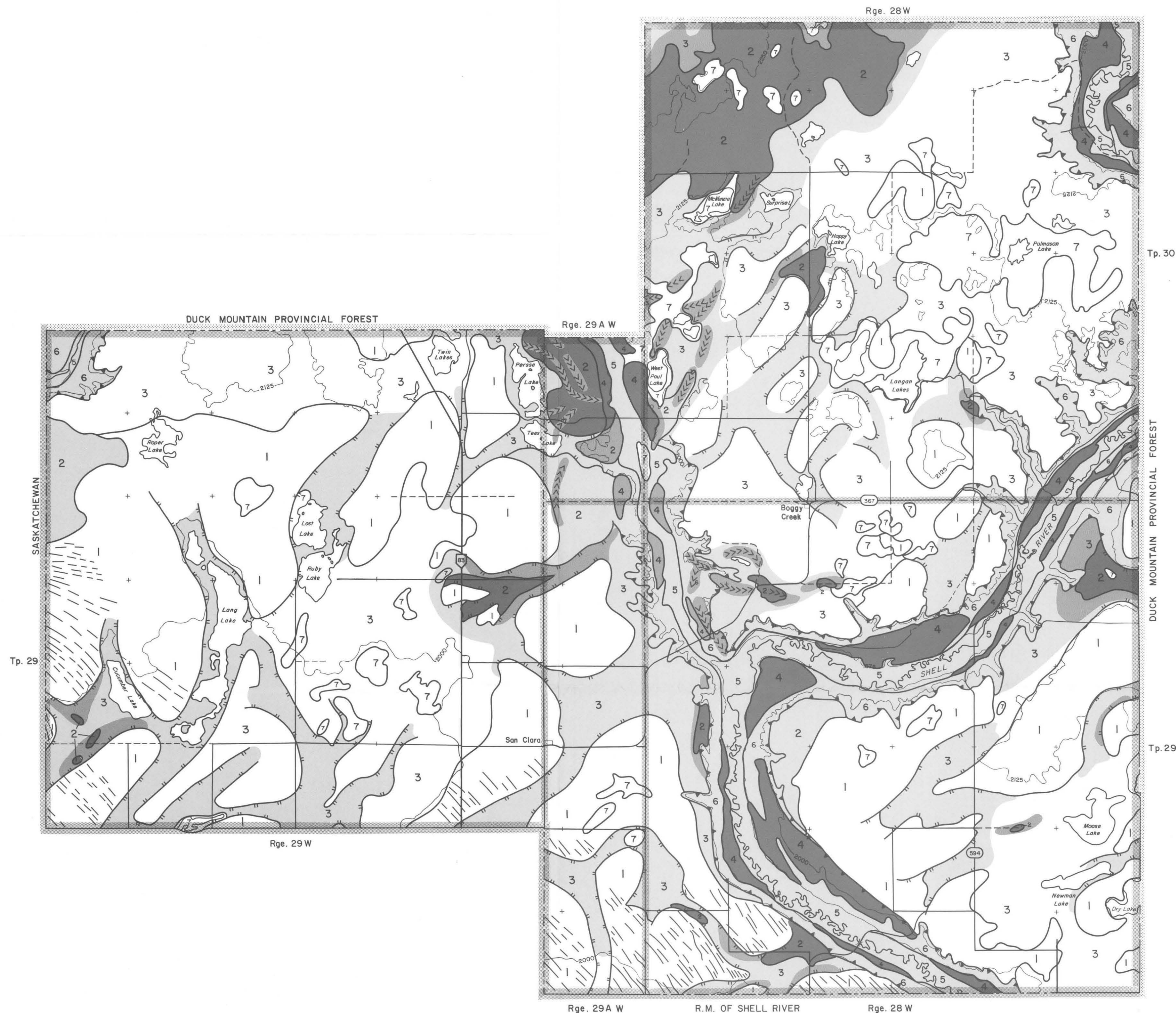
- Geological boundary
- Spillway channel
- Meltwater channel
- Esker, direction assumed
- Lineations

MAP INDEX



Geology by : M. Mihychuk (1986)
Cartography by : M. Carvalho

To accompany Aggregate Report AR87-2



Scale 1:50 000
KILOMETRES 1 0 1 2 3 4