

- 32** Diabase, quartz diabase, gabbro, diorite
- 28** ET-THEN GROUP: conglomerate, sandstone, quartzite
- 27** Granite, granodiorite, diorite, syenite, porphyritic (quartz and feldspar) felsites
- 19** GREAT SLAVE GROUP (Uppart Part)-STARK, TOCHATWI, and PEARSON FORMATIONS: dolomite, limestone, shale, argillite, sandstone, andesite, basalt, trachyte
- 17** NONACHO GROUP: arkose, quartzite, slate, greywacke, conglomerate; minor volcanic rocks, phyllite and schist
- 14** GREAT SLAVE GROUP (Lower Part)-SOSAN, KAHOCHELLA, and PETHEI FORMATIONS: conglomerate, sandstone, quartzite, shale, slate, argillite, arkose, limestone, dolomite, tuff, breccia, agglomerate, andesite, iron formation
- 13** Granodiorite, granite, quartz diorite, syenite; includes some gneissic rocks; 13c, may include Proterozoic granitic rocks
- 12** Impure and gneissic granitic rocks, sedimentary and volcanic schist and gneiss, mixed sedimentary and granitic schist and gneiss, migmatite, mylonite. May include minor Proterozoic rocks
- 7** TAZIN GROUP: andesite, dacite, rhyolite, tuff, agglomerate, greywacke, arkose, quartzite, argillite, slate, limestone, quartz-mica schist
- 4** Hornfels, nodular quartz-biotite schist, quartzite, siliceous argillite, minor paragneiss and migmatite
- 1** Basalt, andesite, tuff, agglomerate, chert, breccia; derived schist and gneiss; minor dacite and rhyolite

Geological contact (defined or approximate, assumed)

Fault

Limit of geological mapping

Sand and silt, or drift covered areas

Geology derived from the 1:1,267,200
Geological Map of the District
of Mackenzie, Northwest Territories
Map 1055A

Geological cartography by the Geological Survey of Canada

Any revisions or additional geological information known to the user would be welcomed by the Geological Survey of Canada

OPEN FILE 324

by
E.H.W. Hornbrook, R.G. Garrett and J.J. Lynch

Geological Survey of Canada

Geochemistry and Federal-Provincial coordination by
E.H.W. Hornbrook
Analytical chemistry by J.J. Lynch
Data monitoring and compilation by R.G. Garrett and
N.G. Lund
Cartography and base compilation by Geological Carto-
graphy Section

Base-map assembled by the Geological Cartography Unit from
maps published at the same scale by the Army Survey
Establishment, R.C.E. in 1963

Copies of the topographical maps covering this map-area may
be obtained from the Canada Map Office

Mean magnetic declination 1976, 26°04.5' East, decreasing
7.6' annually. Readings vary from 24°40.0' in the SE
corner to 27°30.6' in the NW corner of the map-area

Elevations in feet above mean sea-level

Contractors

Sample collection by Trigg, Woollett & Associates Ltd.
Chemical analyses by Chemex Labs. Ltd.

Chemical analyses by Chemex Labs Ltd., and Atomic Energy of
Canada Ltd., Commercial Products Division

This map forms one a series of 42 sheets released
under Geological Survey of Canada Open File 324. The open
file consists of data for 12 elements, percent loss on
ignition and sample site location, each variable requiring
3 sheets for the total survey area.

The data is also available in digital form from the
Computer Science Centre of the Department of Energy, Mines
and Resources: For further information please contact:

The Director,
Computer Science Centre,
Department of Energy, Mines and Resources,
Ottawa, Ontario K1A 0E4.

