

GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND TECHNICAL SERVICES

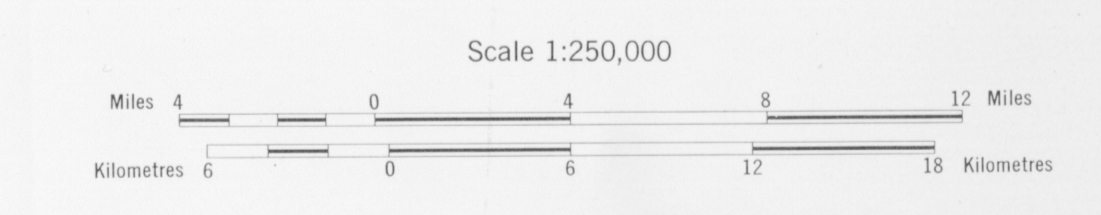
AIRBORNE RADIOACTIVITY MAP
DISTRICT OF MACKENZIE
NORTHWEST TERRITORIES
85 N, O
GEOLOGY

Prepared by Resources Geophysics and Geochemistry Division
Geological Survey of Canada

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|---------------------|------|---|-------|---|
| PROTEROZOIC-ARCHEAN | yAv | Nepheline, syenite, carbonatite | | |
| | Afp | Felsite porphyry | | |
| | Agg | Granodiorite, granite, quartz diorite | | |
| | Ab | Gabbro, diorite | | |
| | sAs | SNARE GROUP
Quartzite, dolomite, siltstone, shale | | |
| ARCHEAN | Ag | Quartz diorite, quartz monzonite, granodiorite, granite. In part porphyritic | cAg | Complex of plutonic rocks that may in part be older than Yellowknife Supergroup |
| | An | Granitic gneiss, migmatite, mixed gneisses involving Yellowknife rocks | | |
| | yAwP | YELLOWKNIFE SUPERGROUP
Greywacke, shale. Includes minor quartzite, conglomerate, limestone, tuff | yAsdr | Cordierite-andalusite bearing knotted schists and other metamorphic equivalents of yAwP |
| | yAvb | Basic to intermediate lava, tuff, agglomerate, and undifferentiated acidic volcanic rocks | | |
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| Geological contact | |
| Geological contact derived from aeromagnetic maps | |
| Fault | |
| Syncline, anticline | |

Geology compiled by J.C. McGlynn



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