

LEGEND

Note: This legend is common for Regional Geochemical Reconnaissance Map 68-1984, Open File 1103.

PROTEROZOIC (APHEBIAN)

31 GRANITIC INTRUSIVE ROCKS, POST-SICKLE (HUDSONIAN) (AH<sub>1a</sub> to AH<sub>1f</sub>)  
31a-granite (AH<sub>1a</sub>) ; 31b-tonalite ; 31c-megacrystic granite ; 31d-granodiorite ; 31e-muscovite ; 31f-leucogranite, tonalite ; 31g-monzonite, syenite ; 31f-pegmatite

30 GRANITIC INTRUSIVE ROCKS, POST-SICKLE and remobilized PRE-SICKLE  
30 - granite, granodiorite (AH<sub>1g</sub>)

29 INTERMEDIATE INTRUSIVE ROCKS, POST-SICKLE and remobilized PRE-SICKLE  
29 - tonalite, granodiorite, quartz diorite (AH<sub>1h</sub>) ; 29a - pyroxene tonalite (AH<sub>1j</sub>)

28 MAFIC INTRUSIVE ROCKS, POST-SICKLE  
28 - gabbro, minor ultramafic rock (AH<sub>1k</sub>)

27 BLACK TROUT INTRUSIVE SUITE  
27 - quartz diorite, diorite (AT<sub>1g</sub>)

SICKLE GROUP SICKLE METAMORPHIC SUITE

ARKOSIC METASEDIMENTARY ROCKS, DERIVED GNEISS

26a - conglomerate (AS<sub>ac</sub>)

26b - arkosic sandstone (AS<sub>as</sub>)

26c - sandstone-derived gneiss, migmatite (AS<sub>an</sub>)

unconformable

on Burntwood River M.S.

PRE-SICKLE INTRUSIVE ROCKS

25a - gabbro, norite, ultramafic rock (AP<sub>1r</sub>)

25b - tonalite, granodiorite, diorite (AP<sub>1t</sub>)

25c - granite (AP<sub>1g</sub>) ; 25d - gabbro-quartz diorite (AP<sub>1q</sub>)

WASEKWA GROUP GNEISSIC ROCKS OF PROBABLE

WASEKWA AGE

AMPHIBOLITE-CALC-SILICATE ROCK, METASEDIMENTARY ROCKS

24a - greyscale (AG<sub>aw</sub>)

24b - conglomerate, greywacke (AG<sub>awc</sub>) ; 24b - felsic gneiss (AG<sub>mf</sub>)

unconformable

WASEKWA GROUP BURNTWOOD RIVER METAMORPHIC SUITE

METASEDIMENTARY ROCKS

24c - mafic gneiss, volcanic rock

greywacke, quartzite, mafic mudstone (AB<sub>sw</sub>)

conformable

24d - amphibolite, tuff (Al<sub>ma</sub>)

conformable

23b - greywacke-derived gneiss, migmatite (AB<sub>sw</sub>)

conformable

23c - greywacke-derived gneiss and migmatite (AI<sub>sw</sub>)

conformable

22 FELSIC, INTERMEDIATE VOLCANICS

22a - dacite, rhyolite (AW<sub>va</sub>)

21a - basalt, andesite (AW<sub>va</sub>)

tuff, amygdalite (AW<sub>vb</sub>)

21b - basalt (AW<sub>vb</sub>)

conformable

21 Geographical boundary (approximate, inferred).....

Fault approximate or inferred.....

Area of no outcrop.....

No analytical result.....

\* A four character mnemonic name recorded rock type as part of the 1984 field observations

Provisional Compilation map by H.W. Zwanzig,

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This map forms one of a series of maps released by the Geological Survey of Canada, Open File 1103 to 1105. Each Open File consists of maps of various geochemical variables: 16 for lake sediment, 3 for lake water and 1 sample site location

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE AND INDEX TO ADDING GEOLOGICAL SURVEY OF CANADA MAPS

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