

GRENVILLE PROVINCE

MESOZOIC

TRIASSIC

G33 Impactite : monzonite

G33a Impactite : latite and spherulitic basalt

LATE NEOPROTEROZOIC

EDIACARIAN

G32 Syenite, monzonite, monzodiorite, granite and carbonatite

G31 Gabbro, troctolite, anorthosite, granite and nelsonite

PALEOPROTEROZOIC AND MESOPROTEROZOIC

GRANITOIDS

G30 Granite, quartz monzonite, quartz syenite and pegmatite

G29 Syenite, monzonite, monzodiorite and other related alkaline intrusions

G28 Orthopyroxene-bearing granitoids: charnockite, mangerite, jotunite and hypersthene syenite

G27 Unsubdivided granitoids

G26 Migmatite

G25 Granitoid gneiss

G24 Charnockitic gneiss and mixed gneiss

G23 Tonalitic and trondhjemitic gneiss; common presence of tonalite

G22 Unsubdivided gneiss

MAFIC TO ULTRAMAFIC ROCKS

G21 Anorthosite, leucogabbro, leuconorite, leucotroctolite and nelsonite

G20 Gabbro, norite, gabbronorite, diorite, troctolite, pyroxenite and peridotite; minor amount of anorthosite

G19 Mafic gneiss and amphibolite

SEDIMENTARY ROCKS

- G18** Arenite, sandstone, wacke, quartzite, paragneiss and schist
- G17** Marble, calc-silicate rocks, dolostone, schist and quartzite
- G16** Iron formation
- G15** Quartzite
- G14** Graphitic schistose paragneiss
- G13** Paragneiss, pelitic gneiss, marbre, quartzite and iron formation; common presence of mafic intrusive rocks
- G12** Metasedimentary migmatite and diatexite

VOLCANIC ROCKS

- G11** Felsic volcanic rocks
- G10** Basalt, andesite and amphibolite

ARCHEAN

GRANITOIDS

- G9** Granite, granodiorite, quartz monzonite and pegmatite
- G8** Tonalite, granodiorite and monzodiorite
- G7** Migmatite
- G6** Granitoid gneiss
- G5** Charnockitic gneiss and mixed gneiss
- G4** Unsubdivided gneiss

MAFIC TO ULTRAMAFIC ROCKS

- G3** Anorthosite and gabbro

SEDIMENTARY ROCKS

- G2** Paragneiss; common presence of diatexite, mafic intrusive rocks and amphibolite

VOLCANIC ROCKS

- G1** Amphibolite, metabasalt and mafic gneiss of volcanic origin