

Legend for the geological map of South, South-West and southern West Greenland

Scale 1 : 100 000

QUATERNARY

ALV		Alluvium
Qundif		Undifferentiated deposits, including moraine older than 4000 BC
Q1		Neoglacial moraine younger than AD 1600
Q5		Talus and alluvial cones
Q6		Alluvial fans and deltas
Q7		Fluvio-glacial deposits and terrace
Q8		Marine deposits and terrace
Q10		Prehistoric moraine
Q11		Moraine younger than AD 1600 on Inland Ice
Q12		Wind-blown sand
Q16		Beach sand
Q20		Ice-dammed lake with periodic drainage
Q21		Maximum extent of ice-dammed lake
RIVER		River
ICE		Ice and perennial snow
ICELAK		Lake on Inland ice

MESOZOIC

C		Carbonatite
ai_fen		Fenitisation associated with carbonatite, gabbro and leucogabbro
an_fen		Fenitisation associated with carbonatite, leucogabbro and anorthosite
gi_fen		Fenitisation associated with carbonatite, granite
gn_fen		Fenitisation associated with carbonatite, orthogneiss
P_fen		Fenitisation associated with carbonatite, pegmatite
deltaM		Dolerite dyke

MESOPROTEROZOIC: Gardar, intrusive rocks

g_G		Granite
eps_G		Alkali granite
sig_G		Syenite
lam_G		Augite syenite and pulaskite
psi_G		Nepheline syenite
mzsg_G		Monzo- to syenogabbro
ome_G		Ultramafic rocks
alf_G		Anorthosite
deG_G		Gabbroic dykes and sills
sigP_G		Paatusoq syenite

MESOPROTEROZOIC: Gardar, intrusive rocks: Ilímaussaq Intrusion

chK_G		Agpaite, kakortokite
chL_G		Agpaite, lujavrite
chN_G		Agpaite, naujaite
chS_G		Agpaite, sodalite foyaite

MESOPROTEROZOIC: Gardar, intrusive rocks: Klokken intrusion

KI_G		Klokken intrusion
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MESOPROTEROZOIC: Gardar, intrusive rocks: South Qôroq Centre

sqi_G		South Qôroq Centre
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MESOPROTEROZOIC: Gardar, intrusive rocks: Igaliko Nepheline Syenite Complex

la1_G		Syenite (M1, I1)
la2_G		Syenite (SQ4, I4, EM, N)

ps1_G		Nepheline syenite (NQ1, SQ1, NM1)
ps2_G		Nepheline syenite (M2, NQ2, SQ2, I2, NM2)
ps3_G		Nepheline syenite (M3, NQ3, SQ3, I3, Ø)
ps4_G		Nepheline syenite (M4, NQ4, T)
ps5_G		Nepheline syenite (M5, NQ5, SQ5, I5)
ps6_G		Nepheline syenite (I6, I7)

MESOPROTEROZOIC: Gardar, intrusive rocks: Grønnedal - Ika Complex

mu_G		Carbonatite
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MESOPROTEROZOIC: Gardar, intrusive rocks: Brown Dykes of Gardar age

BD_G		Brown dykes
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MESOPROTEROZOIC: Gardar, intrusive rocks: Giant Dykes of Gardar age

GD_G		Tugtutôq Giant Dykes (OGD and YGD)
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MESOPROTEROZOIC: Gardar, extrusive rocks: Eriksfjord Formation

bet_G		Basalt
tau_G		Trachyte

MESOPROTEROZOIC: Gardar, sedimentary rocks: Eriksfjord Formation

q_G		Sandstone, quartzite
Cgl_G		Conglomerate

PALAEOPROTEROZOIC: Ketilidian Orogen, syn- and late-tectonic intrusive igneous rocks

gb		Granite, biotite-bearing, commonly porphyritic
gx		Granite, granodiorite and tonalite
gs_K		Granite, sensu stricto
gj		Orthogneiss (Ilgutsaat fjord area)
gar_K		Gabbro, orthopyroxene-bearing
api_K		Appinitic rocks
aik		Mafic metaintrusive rocks
hbd_K		Hornblendite
per_K		Ultramafic intrusives

PALAEOPROTEROZOIC: Ketilidian Orogen, syn- and late-tectonic intrusive igneous rocks: Rapakivi Suite

r_R		Rapakivi granite
rb_R		Biotite granite

PALAEOPROTEROZOIC: Ketilidian Orogen, syn- and late-tectonic intrusive igneous rocks: Julianehåb Batholith

g_K		Granite, sensu lato, early Ketilidian
hg1_K		Granite, sensu lato, commonly porphyritic
bg_K		Biotite granite
hg2_K		Hornblende granite
lg_K		Leucogranite
gapl_K		Aplite granite
ag_K		Granite, albitised rocks
mgsG_K		Monzogranite and syenogranite
mz_K		Monzonite
gd_K		Granodiorite, sensu lato
di_K		Diorite, sensu lato
diga_K		Diorite and gabbro
dii_K		Diorite, with inclusions
dt_K		Diorite and tonalite