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accretion/collision 3, 7, 51, 68-70, 71
Achiltibuie 5
actinolite 40, 43
agmatitic gneiss 12
Airigh na Cloiche 48
albite 45, 58
almandine amphibolite facies 51
aluminium 16, 35, 51
Am Feur-loch 13, 33, 36
amphibolite-facies metamorphism 3-7, 16, 18-19, 23, 51, 52
amphibolites
  in Ard gneiss 38, 39, 45, 56, 61
dykes 3, 21-27
Loch Maree Group 38 42, 44
Scourian/Inverian 12-13, 14, 18
sheets 3, 7, 21, 29, 45
An Ard 45
An Dun 45
An Groban 39
andesine 39
ankerite 43
anorthosite 5
apatite 12, 24, 29, 31, 35, 36, 39, 45, 47
apatite 47
Archaean basement gneisses 3, 11-19, 29, 44, 51, 62, 67, 71
Am Feur-loch 13, 33, 36
amphibolite sheets in 38, 39, 45, 56, 61
and Laxfordian 7, 45, 51, 52, 56, 61, 62, 68-70
meta-limestones in 29, 31
and Laxfordian 51, 52, 54, 55-56, 60, 62, 70

An Ard Ialltaig 12, 14, 17, 18, 58, 67
Assynt 6, 16, 25, 67
Auchtercairn 36
Aundrary basite (amphibolite) 29, 36, 38-42, 43, 58
Badcallian 3, 6, 8, 67
Baltica 1, 68, 70-71
banded-iron-formation (BIF) 7, 32, 33, 34-35, 43, 44
and Laxfordian 51, 52, 54
banding and foliation, Scourian/Inverian 6, 13, 16-17, 18, 22, 23,
54-55, 67, see also foliation
basaltic origin 14, 41-42, 44
and hydrothermal alteration 37 38, 41 42, 44
biogenic origin 38, 44
biotite
  in Archaean gneisses 8, 11-12, 13
  in Ard gneisses 45, 46, 47
  in granite sheets 47
  in LMG 29, 31, 35, 39, 43, 52, 58
  in Scourie dykes 24, 25
biotite-muscovite semipelites 5
bornite 43
brecciation 36, 51, 52-54, 59-60, 62, 65, 69
bronze-picrite dykes 7
Buainichean gneiss 29
calcareous chloritic schist 52
calciic plagioclase 16, 18, 39, 51
calcite, in LMG 29, 33, 34, 35, 39, 43, 45
Canisp shear zone 6, 7
carbonates, Loch Maree Group 32, 33-34, 35, 38, 44
Carmmore 7
Carmmore antiform 47, 57, 70
cataclastic rocks 35, 51, 52, 58-62, 70, see also brecciation
Central Region 3, 6, 7-8, 9
Scourian gneisses 4-6, 67
Scourie dykes 7, 25-27, 68
chalcopyrite 42, 43
carbonate 35
chlorite
  in Archaean gneisses 12
  in Ard gneisses 45, 46
green 34, 35
  in LMG 29, 33, 35, 36, 39, 40, 43, 58
chlorite schists 35-36, 38, 43, 52
chronology see geochronology; structural chronology
clinopyroxene 5, 18, 23, 24
Cloiche marble belt 29, 34, 36, 52
amphibolites in 36, 38
gneisses in 29, 36, 45, 56, 57
sulphide deposits in 43
Coille Airidh na Cloiche 33, 36
collisional origin see accretion/collision
copper-bearing sulphide deposits 42-43
Creag Bhan crush belt 29, 33, 34, 36, 58, 60, 62, 70
Creag Mhor Beag 52
Creag Mhor Thollaidh
  and Laxfordian 55-56, 60, 61
  Scourian and Inverian structures 17-18, 55
Scourie dykes 21, 22, 25, 47, 51
Creag Mhor Thollaidh gneisses 12, 13, 47, 67
Creag Mhor Thollaidh granite sheets 47
crustal history 6-7, 14, 27, 31-32, 44, 67-9, 71
diopside 33
diorite 6, 13, 14, 67, 71
dolomitic marble 33-34
Drum na Fearna 43
Drum Raued 45
Drumbeg 5
Dubh Loch 29, 29, 45, 65
dunite 5
‘early basic’ amphibolites 5, 12-13
‘epidiorites’ 24-25
epidote
  in Archaean gneisses 12, 13, 18
  in Laxfordian intrusives 45, 46, 47
  in LMG 24, 29, 36, 51
  in Scourie dykes 24
Tollie antiform 58
Eu anomalies 14, 31
exhalative origin 38, 43, 44
faults 17, 29, 39, 62-5, 70
Flowerdale 33, 35
Flowerdale crush belt 52-54, 58, 60
Flowerdale fault 29, 39, 62, 65
Flowerdale House 29
Flowerdale Mains 30
Flowerdale marble belt 29, 33-34, 35-36, 52
Flowerdale schist 29-32, 38, 40, 44
Flowerdale valley 34, 40, 52-54
Flysh 68
folding
- Ard gneisses and amphibolites 45, 56
- Creag Mhòr Thoilaidh 17–18, 55–56
- Flowerdale valley 52–54
- late Laxfordian 57–61, 70
- Loch Braigh Horrisdale 16–17, 22
- Mill na Claise fold 33, 39, 45, 52, 57, 58

foliation
- Ard gneisses 45
- Loch Maree Group 29, 38–40, 52
- see also banding and foliation

fuchsite 35

granites 7–8, 47
in Laxford intrusives 47
in LMG 36, 38, 39, 40, 52
in Scourie dykes 23, 24, 25
hornblende-metagabbro suite 14
hydrothermal alteration 37–38, 41–42, 44

Ialltaig see Ard Ialltaig

ilmenite 24, 39
intraplate setting 1, 42
Inverian 3, 4, 6–7, 16–18, 23, 51, 67
nomenclature 8, 9, 16
and Scourie dykes 7, 16, 21–22, 23, 67–68
iron see banded-iron-formation (BIF); pyrite; sulphide deposits
island-arc systems 42, 44, 69

Kerry Falls 35
Kerry Road ore deposit 43, 65
Kerrysdale 29, 40
Kerrysdale basite (amphibolite) 29, 33, 35, 36, 38–42, 54
sulphide deposits in 42–3
Kerrysdale schist 29, 33, 35

Langavat shear zone, South Harris 8
Lapland-Kola belt 1, 70–71
large-ion-lithophile (LIL) elements 27, 31, 41
Laurentia 1, 68, 70–71
Laxford shear zone 6
Laxfordian 3, 6, 7–8, 14, 19, 51–65
dating 7–8, 51, 68
early 7–8, 16, 45, 47, 51–57, 61–62, 68–70, 71
intrusive rocks 45–49
late 8, 16, 18, 45, 57–58, 62, 70, 71
nomenclature 8, 9
and Scourie dykes 21, 22, 23, 25, 51
Laxfordianized gneisses 7–8
Leth-chreige crush belt 12, 22, 55, 58, 60, 61
Letterewe synform 57, 70
lineation 17–18, 23, 38, 45, see also foliation
LMG see Loch Maree Group
Loch Arich Mhic Criadh 25
Loch Bad a’Creamh 58
Loch Bad an Sgàilug 29, 33, 38, 62, 65
Loch Braigh Horrisdale 12, 16–17, 21–22, 25, 52, 61, 67
Loch Broom 69
Loch nam Buainichean 24, 58
Loch Drum na Fearn na 33
Loch Kerry 38, 39, 45
Loch Laxford 6, 8
Loch Maree 12, 16, 22, 23, 51, 51, 65, 70
Loch Maree Fault 65
Loch Maree Group (LMG) 3, 4, 7, 29, 44, 48
and Laxfordian 32, 36, 51, 56, 61–62, 65, 68, 70, 71
Loch Tollie 47, 49
Lochan Dubh nam Biast 65
Lochan Dubh nan Cailleach 45

magnatic arc 3, 44, 68, 71
magnetite 24, 34, 35, 39, 43, see also banded-iron-formation
main amphibolite suite 14
malachite 43
mantle material 27, 44, 68
mapping history of study area 3
marbles, Loch Maree Group 32, 33, 34, 38, 44, 51
marcasite 43
Meall an Doirean 12, 47
Meall an Spardain 47
Meall Aundrary 39
Meall Fuairaidh 39
INDEX

Meall na h’Inginn 40
meta-dolostones and meta-limestones 33–34
metabasalts 42, 44
metabasic (‘early basic’) amphibolites 5, 12–13
metadiorite gneisses 17, 23
metadolerite 25
metagabbroic gneisses 12, 14
metamorphic events 6, 7–8; see also ‘Badcallian’; ‘Inverian’;
Laxfordian, Scourian
metasediments 3, 4, 5, 7, 29–35, 38, 44
micas 11–12, 29, 33, 35, 52; see also muscovite
microcline 12, 45, 47, 49, 58
microgranite 47, 70
mid-ocean ridge basalts (MORB) 14, 42
migmatite 7
Mill na Claise basite (amphibolite) 29, 33, 35, 36, 38–42
Mill na Claise crush belt 58
Mill na Claise fold 33, 39, 45, 52, 57, 58
Mill na Claise gneiss 29, 45, 46, 58
Mullach nan Cadhaichean 12, 25
muscovite 5, 12
Laxfordian intrusives 45, 46, 47, 49, 58
Loch Maree Group 29, 31, 35, 36
mylonites and protomylonites 18, 35–36, 47, 51, 52–54, 57, 59–60
myrmekitic texture 58
Nagssugtoqidian belt 1, 70–71
Nb anomaly 27, 41, 47
New Quebec orogen 1, 71
nomenclature 3, 7, 8–9, 14, 16
norite dykes 7
North Atlantic region 1–3, 70–71
Northern Region 3, 7–8
oceanic origin 6, 14, 27, 42, 44, 68–69
oligoclase 12, 29
olivine 12
olivine-gabbro dykes 7
olivine-tholeiitic amphibolites 14
orthopyroxene 5, 18
Outer Hebrides 4, 8
PAAS see post-Archaean argillaceous sediments
palaemagnetic reconstruction, Baltica-Laurentia 1, 68, 70–71
Palaeoproterozoic belts, North Atlantic 1–3, 70–71
pegmatites
Badcallian 6
Laxfordian 47–49, 51, 62, 70, 71
Scourian 5, 16, 18
pelitic metasediments see graphitic pelites
peridotite 5
perthite 5
petrography
granodiorite gneisses 4, 11–12
Laxfordian intrusives 45–48
LMG amphibolites 38–40
Scourie dyke swarm 23–25
tonalite gneisses 11–12
phlogopite 27, 34
phyllosilicates 31
picrite dykes, Assynt 25
plagioclase
in Laxford intrusives 45, 46, 47, 49
in LMG 29, 31, 36, 39, 40, 52
in microgranite sheets 47
in Scourian 13, 18
in Scourie dykes 23, 24, 25
Poolewe 65
post-Archaean argillaceous sediments (PAAS) 31–32, 44
pseudotachylite 51, 58, 59–60, 62, 65
pyrite 29, 35, 39, 42, 43
pyrophyllite 58, 60
pyroxene 5, 12, 18
pyrrhotite 42, 43
quartz-carbonate schist 42–43
quartz-chlorite schist 35–36
quartz-dolerite dykes 7
quartz-perthite pegmatites 5
quartz-plagioclase-biotite semipelitic schist 29–32
quartzes 34, 35, 36, 52
quartz-o-feldspathic gneisses 5, 11–14, 17
Raasay 4
rare earth element (REE) analyses 6, 14
amphibolites (LMG) 41, 42, 44
Ard gneisses 47
garnet-biotite schist 36–37
Scourie dykes 26, 27, 42
semipelites (LMG) 31–32
Rhinns complex, Islay 71
ripodolite 35
Rona 4
Ruadh Mheallan 16, 67
Rubb Aird an Anail, Loch Maree 12, 23
sandstone dykes 65
scapolite 18, 24
Scourian 3, 6, 8–9, 11–19
Scourian gneisses 3, 4–6, 11–16, 67
Scourie 6, 67
Scourie dyke swarm 3, 7, 16, 21–27
dating 5, 7, 9, 14, 16–67
and Laxfordian intrusives 45, 47
nomenclature 8–9
shear zones in 51–52
strain markers 21, 25
structural chronology 14–16, 51, 61
Scouriemore 5
semipelites 7, 29–32, 44, 68
serpentinitized olivine 12
shear zones 8, 51, 58–61, 62, 67, 70
Ard Ialltaig 17, 18, 58
Flowerdale valley 52
Inverian 17, 18
Lanagvat, South Harris 8
in Scourie dykes 51–52
Shieldaig 17, 21, 60
Shieldaig dykes 26–27
Shieldaig Farm 65
Shieldaig gneiss 13, 29, 56
Shieldaig Lodge 12, 21, 33, 45, 48
Shieldaig marble belt 33, 48, 60
Sidhean Mor dykes 23, 24, 25
Sidhean Mor gneiss 13
Sidhean Mor quartz-chlorite schists 36
Sidhean Mor sulphide deposit 43
silica 34, 35, 36, 44
siliceous schist 52, 54
silver 43
skarn rocks 34
South Harris 4, 8, 51
Southern Region 3–4, 6, 7–9, 16, 67
spessartite 34
sphalerite 42, 43
sphene 12, 24
stilpnomelane 58, 60
Stoer Group 65

Downloaded from https://pubs.geoscienceworld.org/books/chapter-pdf/4323529/9781862394018_backmatter.pdf by guest
structural chronology 3–8, 14–16, 67–68, 70, see also Laxfordian
subduction 27, 44, 68–69
sulphide deposits 35, 38, 42–43, 44

talc 43
Teangadh Buidhe Mhor 43
terminology see nomenclature
terrane model 3
tholeiites 14, 26, 27, 40
titanite 13, 24, 36, 39, 45, 47
Tollie antiform 8, 12, 13, 14, 47–48
and Laxfordian 8, 47, 54–55, 56, 57–58, 61, 70
microgranite sheets in 47
Tollie dykes 21, 22–23, 25, 26, 54, 56, 57
Tollie Farm Fault 17, 65
Tollie gneisses 12, 13, 14, 17–18, 56
tonalitic gneisses 4, 5, 6, 7, 11–14, 67, 68, 71
Torrngat orogen 1, 71
Torr an Easain crush belt 54, 58, 60
Torridon 7, 8, 16, 21, 52, 55, 67
Torridon antiform 8, 57
Torridon (Diabaig) shear zone 56

Torridon Group 65
tourmaline 29, 31, 35, 36, 43
trace elements
amphibolites 40
banded-iron-formation 35
carbonates (LMG) 34
garnet–biotite schist 36
quartz–chlorite schist 36
Scourie dykes 25–27
semipelites 31–32
‘transitional’ schists 46–47
tremolite 33, 40
trondhjemites 4, 6, 47
underplating 27, 67
volcaniclastic origin 38, 42, 44
zeolite facies assemblages 70
zinc 43
This Memoir presents a detailed account of one of the most critical and interesting parts of the Lewisian complex of NW Scotland; a detached fragment of a supercontinent made up of Laurentia, Siberia and Baltica, which existed at the end of the early Proterozoic period. The Gairloch area, together with neighbouring Loch Maree, is the only part of the mainland Lewisian outcrop where Palaeoproterozoic supracrustal rocks (the Loch Maree Group) and their relationships to the Archaean basement can be studied, and has been the subject of a considerable amount of research, spanning a period of more than forty years. The Loch Maree Group represents an amalgamation of oceanic, trench, and arc assemblages with continental basement, and forms part of a Palaeoproterozoic collisional orogen stretching from Labrador through South Greenland to Scandinavia.

The author is Emeritus Professor of Tectonic Geology at Keele University, England, and has studied the structural geology of Precambrian terrains in many parts of the world. He has mapped the area covered by the Memoir in detail, at a scale of 1:10 000, and has an intimate knowledge of the geology, acquired over many years.

- 88 pages
- 57 illustrations
- 1 coloured map (1:20 000)
- index

Cover illustration: Upright Laxfordian F3 folds at the hinge zone of the Tollie antiform.