Ardnamurchan — a guide to geological excursions - contents

Contents
Title page and preliminaries
Contents
Foreword
Acknowledgements
Access
Preface to the 1996 reprint
References (since 1976)
Introduction
The Moine country rocks
Mesozoic sedimentary rocks
Tertiary igneous rocks
Basalt lava flows
Centre 1
Centre 1 Vent rocks (and associated extrusive rocks)
Vent rocks (and associated extrusive rocks)
Vent rocks (and associated extrusive rocks) Pitchstone lavas
Vent rocks (and associated extrusive rocks) Pitchstone lavas Trachyte lavas
Vent rocks (and associated extrusive rocks) Pitchstone lavas Trachyte lavas Intrusive rocks (plutonic and hypabyssal types)
Vent rocks (and associated extrusive rocks) Pitchstone lavas Trachyte lavas Intrusive rocks (plutonic and hypabyssal types) Gabbro of Meall nan Con
Vent rocks (and associated extrusive rocks) Pitchstone lavas Trachyte lavas Intrusive rocks (plutonic and hypabyssal types) Gabbro of Meall nan Con Quartz-gabbro of Faskadale
Vent rocks (and associated extrusive rocks) Pitchstone lavas Trachyte lavas Intrusive rocks (plutonic and hypabyssal types) Gabbro of Meall nan Con Quartz-gabbro of Faskadale Granophyre of Faskadale
Vent rocks (and associated extrusive rocks) Pitchstone lavas Trachyte lavas Intrusive rocks (plutonic and hypabyssal types) Gabbro of Meall nan Con Quartz-gabbro of Faskadale Granophyre of Faskadale The dolerites
Vent rocks (and associated extrusive rocks) Pitchstone lavas Trachyte lavas Intrusive rocks (plutonic and hypabyssal types) Gabbro of Meall nan Con Quartz-gabbro of Faskadale Granophyre of Faskadale The dolerites Porphyritic dolerite
Vent rocks (and associated extrusive rocks) Pitchstone lavas Trachyte lavas Intrusive rocks (plutonic and hypabyssal types) Gabbro of Meall nan Con Quartz-gabbro of Faskadale Granophyre of Faskadale The dolerites Porphyritic dolerite Quartz-dolerite of Camphouse

Ben Hiant dolerite

Centre 2 Vent rocks Intrusive plutonic rocks Hypersthene-gabbro of Ardnamurchan Point Older gabbro of Lochan an Aodainn Quartz-gabbro of Garbh-dhail Granophyre of Grigadale Older quartz-gabbro of Beinn Bhuidhe Quartz-gabbro of Aodann Granophyric quartz-dolerite of Sgurr nam Meann Eucrite of Beinn nan Ord Quartz-gabbros of Loch Caorach and Beinn na Seilg Younger quartz-gabbro of Beinn Bhuidhe Fluxion gabbro of Portuairk Aodann felsite The acid and basic magmas of Ardnamurchan The cone-sheets of centres 1, 2 and 3 Centre 3 Intrusive plutonic rocks Quartz-gabbro of Faskadale Fluxion gabbro of Faskadale Gabbro of Plocaig Porphyritic gabbro of Meall nan Con screen Great Eucrite Biotite-eucrite and inner eucrite Quartz-gabbro of Meall an Tarmachain summit Quartz-dolerite veined with granophyre

Fluxion gabbro of Glendrian

Quartz-gabbros

Fluxion gabbro of Sìthean Mór Tonalite and quartz-monzonite The structure of Centre 3 and the importance of fluxion structures in the gabbros The petrogenesis of the rocks of Centre 3 References **Excursions** Excursion 1: Ormsaigbeg to Mingary Castle (sections A, B and C) Excursion 2: Kilchoan, Beinn na Seilg and Aodann (sections A and B) Excursion 3: Portuairk, Lighthouse and Achosnich (sections A and B) Excursion 4: Sanna Bay to Rubha Carrach Excursion 5: Ben (or Beinn) Hiant Excursion 6: The augite-diorite of Camphouse and Faskadale Bay (sections A and B) Excursion 7: Ring intrusions of Centre 3

Glossary of Ardnamurchan place names

References

Appendix

Figures and tables