

(continued from back cover)

- The Trace Element Composition of the Lavas and Dikes From a 3-km Vertical Section Through the Lava Pile of Eastern Iceland (Paper 1B1455)
Ian L. Gibson, R. James Kirkpatrick, Rolf Emmerman, Hans-Ulrich Schmincke, Gary Pritchard, Peter J. Oakley, Richard S. Thorpe, and Giselle F. Marriner 6532
- Electron Microprobe Studies of Iceland Research Drilling Project High-Temperature Hydrothermal Mineral Geochemistry (Paper 1B0751)
R. A. Exley 6547
- Oxygen Isotope Ratios of the Icelandic Crust (Paper 1B1014)
Keiko Hattori and Karlis Muehlenbachs 6559
- A Brief K-Ar Age Study of the IRDP Borehole, Reydarfjörður, Eastern Iceland (Paper 1B0026)
K. J. Albertsson, P. J. Hooker, and J. A. Miller 6566
- The Natural Magnetization of a 3-Kilometer Section of Icelandic Crust (Paper 2B0231)
Ulrich Bleil, James M. Hall, H. Paul Johnson, Shaul Levi, and Gunther Schonharting 6569
- Zones of Polarity Reversal of Stable Remanent Magnetization Within Some Basaltic Flows of the Iceland Research Drilling Project Core (Paper 2B0520)
G. Schonharting and M. Ghisler 6591
- Detailed Susceptibility Log of Iceland Research Drilling Project Drill Core, Reydarfjörður, Eastern Iceland (Paper 1B1300)
G. Schonharting and J. M. Hall 6601
- On Inclined Features in the Iceland Research Drilling Project Core (Paper 1B1391)
James M. Hall, Charles Wallis, and Svaran L. Hall 6605
- Density and Porosity Logging in the IRDP Hole, Iceland (Paper 2B0086)
Geirfinnur Jónsson and Valgardur Stefjánsson 6619
- Hydrofracturing Stress Measurements in the Iceland Research Drilling Project Drill Hole at Reydarfjörður, Iceland (Paper 2B0550)
Bezalel C. Haimson and Fritz Rummel 6631
- Microcrack Studies of Basalts From the Iceland Research Drilling Project (Paper 1B0832)
Bart J. Kowallis, Evelyn A. Roeloffs, and Herbert F. Wang 6650
- The Iceland Research Drilling Project: Synthesis of Results and Implications for the Nature of Icelandic and Oceanic Crust (Paper 2B0049)
Paul T. Robinson, James M. Hall, Nicolas J. Christensen, Ian L. Gibson, Ingvar Birgir Fridleifsson, Hans-Ulrich Schmincke, and Gunther Schonharting 6657

Iceland Research Drilling Project

- The Iceland Research Drilling Project (Paper 1B0460)
Ingvar B. Fridleifsson, Ian L. Gibson, J. M. Hall, H. Paul Johnson, N. J. Christensen, Hans-Ulrich Schmincke, and Gunther Schonharting 6359
- The Iceland Research Drilling Project in Relation to the Geology of Iceland (Paper 1B0970)
Ingvar Birgir Fridleifsson 6363
- Constraints on Crustal Structure in Eastern Iceland Based on Extremal Inversions of Refraction Data (Paper 1B0109)
Kevin MacKenzie, Jim McClain, and John Orcutt 6371
- Crustal Structure Near the Iceland Research Drilling Project Borehole From a Seismic Refraction Survey (Paper 1B1105)
William H. Thomson, Jan D. Garmany, and Brian T. R. Lewis 6383
- Seismic Properties, Density, and Composition of the Icelandic Crust Near Reydarfjörður (Paper 1B1013)
Nikolas I. Christensen and Roy H. Wilkens 6389
- Magnetostratigraphy of the Exposed Lava Section East of the IRDP Drill Hole in Reydarfjörður, Eastern Iceland (Paper 2B0012)
Johann Helgason 6396
- Stratigraphy and Correlation of the Region Surrounding the IRDP Drill Hole 1978, Reydarfjörður, Eastern Iceland (Paper 2B0013)
Johann Helgason and Marcus Zentilli 6405
- A Gravity Survey in the Reydarfjörður Area, Eastern Iceland, With Interpretation (Paper 1B1500)
Guenter Schonharting and Gudmundur Palmason 6419
- Thermal Conductivity and Temperature Structure of the Reydarfjörður Borehole (Paper 1B1049)
E. R. Oxburgh and S. O. Agrell 6423
- Lithology and Structure of the Volcanic Sequence in Eastern Iceland (Paper 1B1428)
Paul T. Robinson, James Mehegan, Ian L. Gibson, and Hans-Ulrich Schmincke 6429
- Volcaniclastic Rocks of the Reydarfjörður Drill Hole, Eastern Iceland, 1. Primary Features (Paper 1B1328)
Hans-Ulrich Schmincke, Lothar G. Viereck, Brendan J. Griffin, and Richard G. Pritchard 6437
- Volcaniclastic Rocks of the Reydarfjörður Drill Hole, Eastern Iceland 2. Alteration (Paper 1B1338)
Lothar G. Viereck, Brendan J. Griffin, Hans-Ulrich Schmincke, and Richard G. Pritchard 6459
- Primary and Secondary Alkali and Halogen Element Distribution in Iceland Research Drilling Project Basalts From Eastern Iceland (Paper 1B1246)
P. A. Floyd and R. Fuge 6477
- Chemical Stratigraphy, Iceland Research Drilling Project Reydarfjörður, Eastern Iceland (Paper 2B0398)
M. F. J. Flower, R. G. Pritchard, G. Brem, J. R. Cann, J. Delaney, R. Emmerman, I. L. Gibson, P. J. Oakley, P. T. Robinson, and H.-U. Schmincke 6489
- Secondary Mineralization and Hydrothermal Alteration in the Reydarfjörður Drill Core, Eastern Iceland (Paper 1B1527)
James M. Mehegan, Paul T. Robinson, and John R. Delaney 6511
- Alteration in the IRDP Drill Hole Compared With Other Drill Holes in Iceland (Paper 1B1525)
Hrefna Kristmannsdóttir 6525

(continued inside back cover)