

Elements

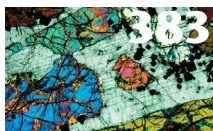
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Layered Intrusions

Guest Editors: **Brian O'Driscoll** and **Jill A. VanTongeren**



Layered Intrusions: From Petrological Paradigms to Precious Metal Repositories

Brian O'Driscoll and Jill A. VanTongeren



The Skaergaard Intrusion of East Greenland: Paradigms, Problems and New Perspectives

Marian B. Holness, Troels F.D. Nielsen, and Christian Tegner



Metasomatic Chromitite Seams in the Bushveld and Rum Layered Intrusions

Edmond A. Mathez and Rosamond J. Kinzler



Plagioclase Zonation: An Archive of Trapped Liquid and Crustal Contamination

Stearns A. Morse, Jon P. Davidson, and Frank J. Tepley III



Quantitative Textural Insights into the Formation of Gabbro in Mafic Intrusions

Michael J. Cheadle and Jeffrey S. Gee



Layered Mafic-Ultramafic Intrusions of Fennoscandia: Europe's Treasure Chest of Magmatic Metal Deposits

Wolfgang D. Maier and Eero J. Hanski

COVER IMAGE: A large autolithic block embedded within macrorhythmic layering in the Middle Zone gabbros of the Skaergaard Intrusion (Greenland). Individual layers are several metres thick and topped by the lowermost two leucocratic layers of the Triple Group. A strata-bound zone rich in palladium and gold (the Platinova Reef) occurs ~5 m above the block.

PHOTO: JENS C. Ø. ANDERSEN, UNIVERSITY OF EXETER

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