
CONTENTS

Experimental petrology of ancient lunar mare basalt Asuka-881757:
Spinel crystallization as a petrologic indicator
.....*Tomoko Arai, Hiroshi Takeda and Masamichi Miyamoto*... 1

Petrology of a new basaltic shergottite: Dhofar 378
.....*Yukio Ikeda, Makoto Kimura, Hiroshi Takeda, Gen Shimoda,
Noriko T. Kita, Yuichi Morishita, Akio Suzuki,
Emil Jagoutz and Gerlind Dreibus*... 20

Sm-Nd isotopic systematics of lherzolitic shergottite Yamato-793605
.....*Keiji Misawa, Kazuhiro Yamada, Noboru Nakamura,
Noritoshi Morikawa, Katsuyuki Yamashita and Wayne R. Premo*... 45

Noble gases in solar-gas-rich and solar-gas-free polymict breccias
.....*Takahito Osawa and Keisuke Nagao*... 58

Papers presented to the 29th and 30th Symposium on Antarctic Meteorites 79

Author index 86

Announcement of the New Journal from the National Institute of Polar Research

QB
754
'8
'N57X
no. 19
2006

RECEIVED

DEC 28 2006

AGS LIBRARY
THE UWM LIBRARIES

i

UW-MILWAUKEE
LIBRARY