

BULLETIN OF THE MINERAL RESEARCH AND EXPLORATION

2025

176

ISSN : 0026-4563
E-ISSN : 2651-3048



CONTENTS

Research Articles

Assessment of active tectonics based on GIS and statistical model: a case study of upper Alaknanda catchment (western Himalaya, India)....1
Adrija RAHA, Mery BISWAS and Soumyajit MUKHERJEE

Effect of calculated dry rock bulk modulus on uncertainty in compressional wave velocities derived from Gassmann fluid substitution theory and fluid mixing law in a CO₂ sequestration case.....17
Mustafa Berkay DOĞAN

Effect of degree of saturation on consolidation parameters of fine-grained soils.....31
Deniz YILMAZ and Kâmil KAYABALI

Soil remediation at coastal plains with the help of DC Resistivity Method46
Buse ÖZENTÜRK, Öznur KARACA and Emin Uğur ULUGERGERLİ

Mineralogical examination of biomass ashes: a preliminary study for potassium enrichment and phosphoric acid (H₃PO₄) production.....57
Mehmet ÇÖTELİ, Mustafa ALBAYRAK, Ufuk KİBAR, Arzu YAVUZ, Gülsüm TURGUT and Duran Serdar KARAHAN

Establishing of soil loss tolerance limit and sediment yield in Zagros fold-thrust belt: a case study in the Kanarwe river basin, Iraq-Iran 76
Fahmy O. MOHAMMED, Ahmed I. MOHAMED, Ibrahim H. GART and Diary A. AI-MANMI

Tectono-stratigraphy, formation and emplacement ages of the Beyşehir-Hoyran Nappes in the south of the Sultan Dağları (Isparta, SW Türkiye).....93
Ali ERGEN, Alper BOZKURT, Ercan TUNCAY, Ayhan ILGAR and Aynur HAKYEMEZ

Magnetic anomalies and geological signatures in the Black Sea: a comprehensive study of the east and west basins.....115
İlkin ÖZSÖZ, Eşref AYLAN and Ceyhan Ertan TOKER

Sediment thickness in the Thrace Basin estimated from the three-dimensional inversion of magnetotelluric data.....134
Cemal KAYA and Ahmet Tuğrul BAŞOKUR

Discussion

Determination of Atterberg Limits Using the Vane Shear Test Method [Bull. Min. Res. Exp. (2024) 174: 1–10]147
Brendan C. O'KELLY and Amin SOLTANI

Reply

"Discussion: Determination of Atterberg Limits Using the Vane Shear Test Method [Bull. Min. Res. Exp. (2024) 174: 1–10]"154
Kamil KAYABALI, H. B. NAGARAJ, Deniz YILMAZ and Muhammet BEYHAN

Bulletin of the Mineral Research and Exploration Notes to the Authors158

Phone : +90 (312) 201 10 00

Fax : +90 (312) 287 91 88

Adress : MTA 06530 - Ankara - TÜRKİYE

www.mta.gov.tr