



Current Literature Survey

Mineralogy

Connoisseur's choice: Marshallsussmanite, wessels mine, kalahari manganese field, northern Cape Province, South Africa
Pohwat P.W., *Rocks and Minerals*, 2014, 89/3 (258–260).

Geochemistry

Microstructure and geochemistry studies on Messinian gypsum deposits from the Northern Coast of Egypt
Melegy A. & Ismael I.S., *Arabian Journal of Geosciences*, 2014, 7/4 (1313–1322).

Fission track thermochronology of the Beni Bousera peri-dotite massif (Internal Rif, Morocco) and the exhumation of ultramafic rocks in the Gibraltar Arc
Azdimousa A., Bourgois J., Poupeau G., Vázquez M., Asebriy L. & Labrin E., *Arabian Journal of Geosciences*, 2014, 7/5 (1993–2005).

Serpentinization of mantle formations in the Mauritanides Belt: Regions of Agane and Gouéarate (middle-western Mauritania)
Moctar D.O., Boushaba A. & Dubois M., *Arabian Journal of Geosciences*, 2014, 7/5 (1985–1992).

Impacts of population growth and economic development on water quality of a lake: Case study of Lake Victoria Kenya water
Juma D.W., Wang H. & Li F., *Environmental Science and Pollution Research*, 2014, 21/8 (5737–5746).

Rhyolite petrogenesis and meteoric-hydrothermal alteration at the Maghnia volcanic massif, Northwest Algeria
Renac C., Mexias A., Louni-Hacini A., Brouillet S. & Cottin J.-Y., *Journal of Geochemical Exploration*, 2014, 143/– (1–18).

Geochemical constraint on the origin of the multi-mineralogic carbonate cements in the subsurface Middle Jurassic sandstones, Central Sinai, Egypt
Mansour A.S., Rifai R.I. & Shaaban M.N., *Journal of Geochemical Exploration*, 2014, 143/– (163–173).

Characterisation of granites from the Midyan terrain, NW Saudi Arabia
Bakhsh R.A.M. & Alderton D.H.M., *Arabian Journal of Geosciences*, 2014, 7/4 (1637–1658).

Effects of long-term irrigation with treated wastewater on soil quality, soil-borne pathogens, and living organisms: Case study of the vicinity of El Hajeb (Tunisia)
Hentati O., Chaker S., Wali A., Ayoub T. & Ksibi M., *Environmental Monitoring and Assessment*, 2014, 186/5 (2671–2683).

Microchemical characterization of natural gold and copper alloys from the ancient Um Shashoba Gold Mine, South Egypt
Darwish M.A.G., *Acta Geologica Sinica*, 2014, 88/1 (196–212).

The katherina ring complex (SINAI PENINSULA, EGYPT): Sequence of emplacement and petrogenesis
Eyal M., Zanzilevich A.N., Litvinovsky B.A., Jahn B.M., Vap-nik Ye. & Be'Eri-Shlevin Y., *American Journal of Science*, 2014, 314/2 (462–507).

Hydrochemical assessment of pond and stream water near abandoned barite mine sites in parts of Oban massif and Mamfe Embayment, Southeastern Nigeria
Adamu C.I., Nganje T. & Edet A., *Environmental Earth Sciences*, 2014, 71/9 (3793–3811).

Hydrogeological characterization of the Nador Plio-Quaternary aquifer, Tipaza (Algeria)
Bouderbala A., Remini B. & Pulido-Bosch A., *Boletín Geológico y Minero*, 2014, 125/1 (77–89).

Mineralogical and geotechnical characterization of clays from northern Morocco for their potential use in the ceramic industry
Ouahabi M.E., Daoudi L. & Fagel N., *Clay Minerals*, 2014, 49/1 (35–51).

Generation of magnesian, high-K alkali-calcic granites and granodiorites from amphibolitic continental crust in the Damara orogen, Namibia
Bergemann C., Jung S., Berndt J., Stracke A. & Hauff F., *Lithos*, 2014, 198–199/1 (217–233).

Distribution of intact and core tetraether lipids in water column profiles of suspended particulate matter off Cape Blanc, NW Africa
Basse A., Zhu C., Versteegh G.J.M., Fischer G., Hinrichs K.-U. & Mollenhauer G., *Organic Geochemistry*, 2014, 72/– (1–13).

Quantitative mineralogical and chemical assessment of the Nkout iron ore deposit, Southern Cameroon
Anderson K.F.E., Wall F., Rollinson G.K. & Moon C.J., *Ore Geology Reviews*, 2014, 62/– (25–39).

Prevalence of antibiotic resistance in bacteria isolated from drinking well water available in Guinea-Bissau (West Africa)
Machado A. & Bordalo A.A., *Ecotoxicology and Environmental Safety*, 2014, 106/– (188–194).

Hydrochemical study of water collected at a section of the Lower Volta River (Akuse to Sogakope area), Ghana

Gampson E.K., Nartey V.K., Golow A.A. & Akiti T.T., *Applied Water Science*, 2014, 4/2 (129–143).

Isotopic constraints on the nature and circulation of deep mantle C–H–O–N fluids: Carbon and nitrogen systematics within ultra-deep diamonds from Kankan (Guinea)

Palot M., Pearson D.G., Stern R.A., Stachel T. & Harris J.W., *Geochimica et Cosmochimica Acta*, 2014, 139/– (26–46).

Geochronology

HFSE (High Field Strength Elements)-transport and U–Pb–Hf isotope homogenization mediated by Ca-bearing aqueous fluids at 2.04Ga: Constraints from zircon, monazite, and garnet of the Venetia Klippe, Limpopo Belt, South Africa

Zeh A. & Gerdes A., *Geochimica et Cosmochimica Acta*, 2014, 138/– (81–100).

Zircon growth in (U)HP quartzofeldspathic host gneisses exhumed in the Woodlark Rift of Papua New Guinea

Zirakparvar N.A., Baldwin S.L. & Schmitt A.K., *Geochemistry, Geophysics, Geosystems*, 2014, 15/4 (1258–1282).

Igneous and Metamorphic Geology

Banded iron formations of Um Nar, Eastern Desert of Egypt: P–T–X conditions of metamorphism and tectonic implications

El-Shazly A.K. & Khalil K.I., *Lithos*, 2014, 196–197/– (356–375).

Late Quaternary history of the Vakinankaratra volcanic field (central Madagascar): Insights from luminescence dating of phreatomagmatic eruption deposits

Rufer D., Preusser F., Schreurs G., Gnos E. & Berger A., *Bulletin of Volcanology*, 2014, 76/5 (1–20).

Opaque mineralogy as a tracer of magmatic history of volcanic rocks: An example from the Neogene-Quaternary Harrat Rahat intercontinental volcanic field, North Western Saudi Arabia

Surour A.A. & Moufti A.M.B., *Acta Geologica Sinica*, 2013, 87/5 (1281–1305).

The Catanda extrusive carbonatites (Kwanza Sul, Angola): An example of explosive carbonatitic volcanism

Campany M., Mangas J., Melgarejo J.C., Bambi A., Alfonso P., Gernon T. & Manuel J., *Bulletin of Volcanology*, 2014, 76/4 (1–15).

Continental subduction recorded by Neoproterozoic eclogite and garnet amphibolites from Western Hoggar (Tassendjanet terrane, Tuareg Shield, Algeria)

Berger J., Ouzegane K., Bendaoud A., Liégeois J.-P., Kiénast J.-R., Bruguié O. & Caby R., *Precambrian Research*, 2014, 247/– (139–158).

Petrology and Sm–Nd dating of the Genina Gharbia Alaskan-type complex (Egypt): Insights into deep levels of Neoproterozoic island arcs

Helmy H.M., Abd El-Rahman Y.M., Yoshikawa M., Shibata X., Arai S., Tamura A. & Kagami H., *Lithos*, 2014, 198–199/1 (263–280).

Growth, destruction and facies architecture of effusive and explosive volcanics in the Miocene Shama basin, southwest of Saudi Arabia: Subaqueous-subaerial volcanism in a lacustrine setting

Abdel Motelib A., Khalaf E.A. & Al-Marzouki H., *Journal of Volcanology and Geothermal Research*, 2014, 277/– (51–76).

Post-collisional Pan-African granitoids and rare metal pegmatites in western Nigeria: Age, petrogenesis, and the ‘pegmatite conundrum’

Goodenough K.M., Lusty P.A.J., Roberts N.M.W., Key R.M. & Garba A., *Lithos*, 2014, 200–201/1 (22–34).

Geochemistry of the um had plutonites, Central Eastern Desert, Egypt: Implications for magma evolution, and tectonic setting

Qaoud N., *Journal of Geography and Geology*, 2014, 6/2 (36–46).

Provenance studies of sandstone facies exposed near Ig-bile southwestern Nigeria: Petrographic and geochemical approach

Ikhane P.R., Akintola A.I., Bankole S.I. & Oyinboade Y.T., *Journal of Geography and Geology*, 2014, 6/2 (47–68).

Genetically related Mo–Bi–Ag and U–F mineralization in A-type granite, Gabal Gattar, Eastern Desert, Egypt

Helmy H.M., Kaindl R. & Shibata T., *Ore Geology Reviews*, 2014, 62/– (181–190).

Eclogites from the upper mantle beneath the Kasai Cra-ton (Western Africa): Petrography, whole-rock geochemistry and UPb zircon age

Nikitina L.P., Korolev N.M., Zinchenko V.N. & Felix J.T., *Precambrian Research*, 2014, 249/– (13–32).

Shrimp zircon ages and petrology of lower crustal granulite xenoliths from the letseng-la-terae kimberlite, lesoto: Further evidence for a namaqua-natal connection

Sommer H., Wan Y., Kröner A., Xie H. & Jacob D.E., *South African Journal of Geology*, 2013, 116/2 (183–198).

Cherts of the barberton greenstone belt, South Africa: Petrology and trace-element geochemistry of 3.5 to 3.3 ga old silicified volcanoclastic sediments

Hofmann A., Bolhar R., Orberger B. & Foucher F., *South African Journal of Geology*, 2013, 116/2 (297–322).

Sedimentary Geology

Sedimentology of Quaternary calcareous tufas from Gafsa, southwestern Tunisia

Henchiri M., *Arabian Journal of Geosciences*, 2014, 7/5 (2081–2091).

Parameters controlling the quality of the Hamra Quartzite reservoir, southern Hassi Messaoud, Algeria: Insights from a petrographic, geochemical, and provenance study

Benayad S., Park Y.-S., Chaouchi R. & Kherfi N., *Arabian Journal of Geosciences*, 2014, 7/4 (1541–1557).

Diagenesis in the Middle Jurassic Khatatba Formation sandstones in the Shoushan Basin, northern Western Desert, Egypt

Shalaby M.R., Hakimi M.H. & Abdullah W.H., *Geological Journal*, 2014, 49/3 (239–255).

Frequency analysis of annual maximum suspended sediment concentrations in Abiod wadi, Biskra (Algeria)

Benkhaled A., Higgins H., Chebana F. & Necir A., *Hydrological Processes*, 2014, 28/12 (3841–3854).

Organic geochemical characterization of Santonian to Early Campanian organic matter-rich marls (Sondage No. 1 cores) as related to OAE3 from the Tarfaya Basin, Morocco

Sachse V.F., Heim S., Jabour H., Kluth O., Schumann T., Aquit M. & Littke R., *Marine and Petroleum Geology*, 2014, 56/– (290–304).

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