



Mohammad Boomeri Professor

Faculty : Science

Departments : Geology

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Address : Dept.of Geology, Faculty of Science, University of
Sistan and Baluchestan, Daneshgah Ave., Zahedan, Iran.

Education

- ✓ B.Sc, Geology, University of Tehran - 1988
- ✓ MS, Economic Geology, Kharazmi University - 1992
- ✓ PhD, Economic Geology, Akita-Japan - 1998

Courses

- | | |
|--|---|
| 1. Economic geology | 2. Mineralogy and laboratory |
| 3. Mineralogy | 4. Evaluation of Mineral deposits |
| 5. Geochemistry | 6. Tracers |
| 7. h | 8. Minerals and Industrial rocks |
| 9. 0 | 10. 0 |
| 11. Mineral Exploration Project | 12. 0 |
| 13. 0 | 14. 0 |
| 15. Exploration geochemistry | 16. dfgfhgh |
| 17. Fluid-Mineral Equilibria in Hydrothermal system | 18. hytt |
| 19. 0 | 20. Geochemical Techniques in Hydrothermal ore deposits |
| 21. manabeh zamin garmabi | 22. 0 |
| 23. Principles of mineral exploration | 24. Igneous deposits and metamorphism |
| 25. Metallogeny and Mineral reserves of Iran | 26. Igneous, Metamorphic & Hydrothermal Ore Deposits |
| 27. Geochemistry of hydrothermal ore deposits | 28. Fundamentals of Mineralogy |
| 29. Sedimentary & Sedimentary- Hydrothermal Ore Deposits | 30. Principal of Geochemical Exploration(Lab) |
| 31. Principal of Geochemical Exploration | 32. Geochemistry of hydrothermal Fluids |
| 33. Mineralization and tectonics | 34. Exploration geochemistry |

Journals Papers

2021

1. [Petrology, geochemistry and origion of Garagheh Granite, North west of Zahadan](#)

, Habib Biabangard, Mohammad Boomeri

Volume: (29) 237 - 248

2. [Petrography and geochemistry of igneous rocks and antimony mineralization in Lakhshak, northwest of Zahedan, southeastern Iran](#)

, Mohammad Boomeri, Habib Biabangard

Volume: (15) 87 - 106

2020

3. [Diagenesis and early mineralogy of Upper Jurassic limestone in Tabas Block](#)

NARGES EDALATIMANESH, Sasan Bagheri, Mohammad-Hosein Adabi, Mostafa Ghomashi, Mohammad Boomeri

Volume: (11) 47 - 71

4. [Petrology and origin of the Lar igneous complex of the Sistan suture zone, Iran](#)

Mohammad Boomeri, Rahele Moradi, Sasan Bagheri

GEOLOGOS Volume: (26) 51 - 64

5. [Ground Fracturing Related to 7.8Mw Saravan Earthquake, Sistan and Baluchistan, Iran - Evidence for Brittle Deformation](#)

Mohammad Noor Sepahi, Babaji Maskare, Mohammad Boomeri, Purva Gadpallu, Raymond A. Duraiswami

JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA Volume: (95) 343 - 349

6. [Petrography and geochemistry of igneous rocks and Pb mineralization in Chah Sorbi area , south of Zahedan, southeastern Iran](#)

Mohammad Boomeri, Somayeh Naroeei, Mohammadreza Ghodsi

Volume: (29) 3 - 14

7. [Study of Baghalbid iron mineralization using geological, mineralogical and geochemical evidences, Sangan-e-Khaf area, north-eastern Iran](#)

, Mohammad Boomeri, Abas Golmohammadi

Volume: (14) 37 - 54

8. [Petrology and Geochemistry of Tahlab Ophiolite, Northeastern Taftan Volcano](#)

Habib Biabangard, Mohammad Boomeri, Paridokht Rigi

Volume: (14) 70 - 83

2019

9. Geology, Re-Os age, S and O isotopic composition of the Lar porphyry Cu-Mo deposit, southeast Iran

Mohammad Boomeri, Rahele Moradi, Holly Stein, Sasan Bagheri

ORE GEOLOGY REVIEWS Volume: (104) 477 - 494

10. Mineralogy and geothermo-barometry of metapelitic schists, amphibolites and garnet amphibolites from Gol-Gohar metamorphic complex, SW Sirjan, Central Iran

, Ali Ahmadi, Hassan Mirnejad, Mohammad Boomeri, Kazuo Nakashima

Volume: (27) 437 - 448

11. Investigation of apatite chemistry in Lar igneous complex, North of Zahedan

Rahele Moradi, Mohammad Boomeri, Sasan Bagheri

Volume: (27) 281 - 294

12. Mineral chemistry of the Mahirud Tonalitic Stock in the Sistan suture zone, East Iran

Shahriar Keshtgar, Mohammad Boomeri, Sasan Bagheri

Volume: (10) 94 - 107

13. Investigation of petrography, mineralogy and alteration of northern part of the Chahfiruzeh porphyry copper deposit, northwest of Shar-e-Babak, Kerman

Mohammad Boomeri, Habib Biabangard,

Volume: (11) 57 - 80

14. Tectonic setting of Mahirud Volcano-plutonic Complex Different insight into the geodynamic history of East Iran

Shahriyar Keshtgar, Sasan Bagheri, Mohammad Boomeri

Volume: (29) 131 - 144

2018

15. Study of geochemical characteristics of metapelites in the Gole-Gohar area within the Gole-Gohar Iron deposit, SW Sirjan

, Ali Ahmadi, Mohammad Boomeri

Volume: (26) 555 - 566

16. Two-tiered magmatic-hydrothermal and skarn origin of magnetite from Gol-Gohar iron ore deposit of SE Iran: In-situ LA-ICP-MS analyses

, Ali Ahmadi, Hassan Mirnejad, Jian-Feng Gao, Kazuo Nakashima, Mohammad Boomeri

ORE GEOLOGY REVIEWS Volume: (102) 639 - 653

17. Study of the geochemical characteristics of metapelites in the Gol-Gohar area within the Gol-Gohar iron deposit district, SW Sirjan

, Ali Ahmadi, Hassan Mirnejad, Mohammad Boomeri

Volume: (26) 555 - 566

18. Petrography and geochemistry of igneous rocks and Sb and Au mineralization in Sefidsang and Dargiabab areas (southeastern Iran)

Mohammad Boomeri, , Habib Biabangard

Volume: (9) 195 - 218

2017

19. Investigation of skarn formation using petrographic mineral chemistry and fluid inclusion data south west of Khaf(southeast of Razavi Khorasan Province)

, Mohammad Boomeri, Habib Biabangard

Volume: (25) 35 - 48

20. Petrography, mineralogy and mineral chemistry of Bzman intrusives rocks, southeast of Iran

Mohammadreza Ghodsi, Mohammad Boomeri

Volume: (25) 393 - 410

21. Petrography, alteration and genesis of iron mineralization in Roshtkhar

Habib Biabangard, Mohammad Boomeri, Khosro Teymouri,

Volume: (9) 93 - 115

22. Petrology and Geochemistry of Shakh Sefid Granitoid and related skarn in the North of Rayen (southeastern of Kerman)

Habib Biabangard, , Mohammad Boomeri

Volume: (8) 127 - 146

23. Identification of geochemical anomalies by the use of concentration-area (C-A) fractal model in Nakhilab region, SE Iran

Ali Akbar Daya, Mohammad Boomeri,

International Journal of Mining and Mineral Engineering Volume: (8) 70 - 81

24. Geochemistry Of Salafchegan quartz dioritic pluton

Mahbubeh Nazari, shahriar keshtegar, , Mohammad Boomeri

Volume: (10) 107 - 120

25. Chemical composition of biotite from the Lar Cu-Mo prospect igneous rocks, Southeastern part of Iran

Rahele Moradi, Mohammad Boomeri, Kazuo Nakashima

International Journal of Green Pharmacy Volume: (11) S549 - S560

26. Remote sensing detection of altered zones associated with Cu-Mo mineralization in North of Zahedan, SE Iran using Landsat-8 data

Rahele Moradi, Mohammad Boomeri

YERBILIMLARI Volume: (38) 275 - 294

2016

27. Petrography and geochemical characteristics of Nakhilab igneous complex, northwest of Zahedan

, Mohammad Boomeri, Habib Biabangard

Volume: (7) 23 - 44

28. Geochemistry, zircon U-Pb age, and tectonic constraints on the Bazman granitoid complex, southeast Iran

, Mohammad Boomeri, Sasan Bagheri, ,

TURKISH JOURNAL OF EARTH SCIENCES Volume: (4) 311 - 340

29. Mineral chemistry of igneous rocks in the Lar Cu-Mo prospect, southeastern part of Iran: implications for P, T, and fO₂

Rahele Moradi, Mohammad Boomeri, Sasan Bagheri, k n

TURKISH JOURNAL OF EARTH SCIENCES Volume: (25) 418 - 433

30. Investegation of quartz textures at Sarcheshmeh copper ore deposit using scanning elctromicroscop-chathodoluminescence

samaneh nasiri, Mohammad Boomeri, Habib Biabangard, mahdi abdolahi

Volume: (25) 37 - 42

31. Mineralization and Alteration Roshtkhar Iron Deposit and Related Host Rocks

Habib Biabangard, Mohammad Boomeri, , Fateme Mohammadpour

Volume: (24) 119 - 132

32. Metallogeny and Mineralization Potential of the Bazman Granitoids, SE Iran

Mohammadreza Ghodsi, Mohammad Boomeri, Sasan Bagheri, David Lentz, Daizo Ishiyama

RESOURCE GEOLOGY Volume: (66) 286 - 302

33. Tectonic historical Maherod Complex (Chashma Ostad) based on structural data , East Iran

Shahriyar Keshtgar, Sasan Bagheri, Mohammad Boomeri

Tectonics Volume: (1) 63 - 75

2015

34. Petrology and Geochemistry of Bubak and Sikh- kuh Plio - Quaternary volcanic cones, West of Nehbandan, East of Lut block

Habib Biabangard, , Mohammad Boomeri

Volume: (1) 213 - 224

35. Sedimentology and geochemistry of siliciclastic sediments(Tertiary-Quaternary) esatern coast of Chabahr,,Southeastern of Sistan and Baluchestan

, Mohammad Boomeri, , Mohammad Nabi Gorgij,

Volume: (24) 85 - 96

36. Application of multifractal modeling technique in systematic lithogeochemical survey to identify Au–Cu anomalies in the Siah-Jangal area, Southeastern of Iran

, Mohammad Boomeri, Sasan Bagheri

Arabian Journal of Geosciences Volume: (8) 9517 - 9530

37. Digital Image Processing and Analysis Techniques for Detection of Hydrothermal Alteration Zones: A Cas e Study in Siah -Jangal Area, North of Taftan Volcano, Southeastern Iran

, Mohammad Boomeri, Sasan Bagheri

Journal of the Indian Society of Remote Sensing Volume: (43) 363 - 377

2014

38. petrography and geochemistry of intrusive rocks in Shurchah antimony-bearing area southeast of Zahedan

Mohammad Boomeri, Sasan Bagheri

Volume: () 15 - 32

39. Geochemical Characteristics Origin and Evolution of Ore-Forming Fluids from the Khut Copper Skarn Deposit (West of Yazd Central Iran)

, Mohammad Boomeri, Kazuo Nakashima, Masao Ban, David Richard Lentz

RESOURCE GEOLOGY Volume: (64) 209 - 232

2011

40. Investigation of physicochemistry environment of Sungun porphyry Cu deposit using chemical characteristic of minerals (northeast of Tabriz)

, Mohammad Boomeri, Ali Ahmadi, Aliasghar Moridi, hall daglass, mehdi jamali

Volume: (20) 47 - 54

2010

41. Carbon and Oxygen Isotopic Systematics in Calcite and Dolomite from the Sangan Iron Skarn Deposit Northeastern Iran

Mohammad Boomeri, D Ishiyama, T Mizuta, O Matsubaya, D.R Lentz

Journal of Sciences Islamic Republic of Iran Volume: (21) 213 - 224

42. The Sarcheshmeh porphyry copper deposit, Kerman, Iran: A mineralogical analysis of the igneous rocks and alteration zones including halogen element systematics related to Cu mineralization processes

Mohammad Boomeri, Kazuo Nakashima, David Richard Lentz

ORE GEOLOGY REVIEWS Volume: (38) 367 - 381

2009

43. The Miduk porphyry Cu deposit Kerman Iran A geochemical analysis of the potassic zone including halogen element systematics related to Cu mineralization processes

Mohammad Boomeri, Kazuo Nakashima, David Richard Lentz

JOURNAL OF GEOCHEMICAL EXPLORATION Volume: (103) 17 - 29

Conferences Papers

2021

1. Porphyry Cu mineralization in Janja, Sistan Suture Zone

Mohammad Boomeri, Mohammadreza Ghodsi, Amin Salary khah, Mohammad Reza Damardeh

2020

2. Investigation of Cu-Mo mineralization using geomagnetic data in south of Zahedan, south east of Iran

8th Iranian mining engineering conference

, Mohammad Boomeri, Hamid Reza Soloki, fereshteh khammar

3. Petrology and Geochemistry of Tahlab Ophiolite, Northeastern Taftan Volcano

27 th symposium of Mineralogy and crystallography of Iran

Habib Biabangard, Mohammad Boomeri, Paridokht Rigi

4. Petrology and Geochemistry of Kuhe-Graghaeh granitoid, NE-Zahedan

27th symposium of Mineralogy and crystallography of Iran

Habib Biabangard, Mohammad Boomeri,

5. Petrology and Geochemistry of Syahjakik dykes, Southeast of Iran

27th symposium mineralogy and crystallography of Iran

, Mohammad Boomeri, Habib Biabangard

2018

6. Geology and Petrography of Rigkuhak Ophiolite Melange, Southeast of Taftan Volcano

25th symposium of crystallography and mineralogy of Iran

Paridokht Rigi, Habib Biabangard, Mohammad Boomeri

7. Using ISOCON method in the study of the Lar Cu-Mo deposit alterations, North of Zahedan

Rahele Moradi, Mohammad Boomeri, Sasan Bagheri

8. Geochemical exploration of stream sediments in Lulukdan area, southeast of Zahedan

, Mohammad Boomeri,

9. Sb-mineralization in Sistan suture zone

Mohammad Boomeri,

2017

10. Geological and petrographical investigation of the Chah Sorbi exploration area, south of Zahedan

9th symposium of Iranian Society of Economic Geology

Somayeh Naroei, Mohammad Boomeri, Mohammadreza Ghodsi

11. Cu mineralization in Ghale Souli exploration area, northwest of Taftan, southeast of Iran

9th Symposium of Iranian Society of Economic Geology

, Mohammad Boomeri, Mohammadreza Ghodsi

12. Geochemical exploration of Cu, Au and related metals in Taktelar, northwest of Zahedan

9th Symposium of Iranian Society of Economic Geology

, Mohammad Boomeri, mohammad reza kahrazehi,

2016

13. Identify areas of Alteration using remote sensing and field studies, northwest of Hasanabade- Kurin

, Mohammad Boomeri

14. Iron oxides and alteration mapping using remote sensing and field studies in Baghalbid iron anomaly, east of Sangan

, Mohammad Boomeri, Abbas Golmohammadi, Mohsen Zanganehghasmabadi

2015

15. Geochemical Anomaly Separation by Number-Size (N-S) Fractal Model in Nakhilab Region SE Iran

24th International Mining Congress and Exhibition of Turkey

, Ali Akbar Daya, Mohammad Boomeri

16. Identification of Geochemical Anomalies by Using of Concentration-Area (C-A) Fractal Model in Nakhilab Region SE Iran

24th International Mining Congress and Exhibition of Turkey

, Ali Akbar Daya, Mohammad Boomeri

17. Separation of Anomaly from Background Using Concentration- Perimeter (C-P) Method in Nakhilab Region Northwestern Of Zahedan

24th International Mining Congress and Exhibition of Turkey

, Ali Akbar Daya, Mohammad Boomeri

18. Identification of Alteration zones in Lunka district using remote sensing

6th economic geology of Iran conference

, Mohammad Boomeri, Habib Biabangard,

19. Cu and Pb mineralization study in Lunka by lithogeochemical methods, northwest of Zahedan

6th economic geology conference

, Mohammad Boomeri, Habib Biabangard,

20. Using RS and DEM data for detection and

7th Symposium of Economic Geology

Mohammad Enghiadi, Mohammad Boomeri, Sasan Bagheri

2007

21. Mineral Chemistry Contribution of Plutonic Rocks to the Porphyry Cumineralization Sarcheshmeh Iran

Society of Resource Geology Abstracts With Program

Mohammad Boomeri

22. Chemical Composition of Biotite From the Miduk Porphyry CuDeposit

Society of Resource Geology Abstracts With Program

Mohammad Boomeri

23. Geology and Mineralogy of the Kushk Zn-Pb Massive Sulfidedeposit

Society of Resource Geology Abstracts With Program

Mohammad Boomeri

24. Chemical Cpmposition of Biotite in Cu-related Intrusions and Alternation Zones of Sarcheshmeh Porphyry Cu-Mo Deposit

Japan Geoscience Union Meetin Abstracts on Cd

Mohammad Boomeri

25. Geology and Mineralogy of Sphordi Phosphate Deposit

Japan Geoscience Union Meetin Abstracts on Cd

Mohammad Boomeri

2005

26. Mount Taftan Southeastern Iran

EGU 2005

Mohammad Boomeri

27. Assessment of Ground Water Vulnerability to Pollution From Industrial

IAMG05-GIS and Spatial Analysis

Mohammad Boomeri

2001

[28. Water-rock interaction in the Sangan deposit northeastern Iran](#)

Tenth international symposium on water - rock interaction

Mohammad Boomeri, D Ishiyama, O Matsubaya

1997

[29. Halogen-rich Minerals from the Sangan Iron Ore Deposits Northeastern Iran](#)

The Society of Resource Geology

Mohammad Boomeri, T Mizuta, K Nakashima, D Ishiyama, Y Ishikawa

[30. Characteristics of intrusive rucks from the Sangan mining area northeastern Iran](#)

Annual Meeting of the Mineralogical society of Japan

Mohammad Boomeri, T Mizula, D Ishiyama , Y Ishikawu

Executive activities

Research Project

2000

[1. Petrography, geochemistry, ore mineralization & mechanical treatment of Zahedan granite rocks](#)

Mohammad Boomeri, - 2000