



Mineralogical Society of Georgia,  
G. Tsulukidze Mining Institute and Georgian Technical University  
Convene International Scientific-Practical Conference on Up-to-date Problems of Geology:

**„THE DEVELOPMENT OF MINING AND GEOLOGY IS THE  
PRECONDITION FOR THE REVIVAL OF ECONOMY”  
September 23-24, 2021**

- Current problems of mining and geology
- The role of mineral resources in the development of the country's economy
- Natural hazards and environmental protection
- Mining technologies
- Geology
- Geophysics
- Geography

**Conference Venue:**

**Sep 23 - Georgian Technical University**

77 Kostava st., Administrative Building, Georgian Technical University, 0160, Tbilisi.

**Sep 24 - RMG GOLD**

Kazreti, Bolnisi Municipality

- **Language:** English, Georgian.
- **Presentation mode:** Oral, Poster.
- **The conference materials will be published as an abstract-book.**
- **A certificate will be granted to conference participants.**
- The deadline for registration and abstract submission is **30.04. 2021.**
- **Application for participation in the conference must be filled in Georgian and English.**

The abstracts should be sent to e-mail: [msgeorgia2012@gmail.com](mailto:msgeorgia2012@gmail.com)

For additional information see the web-site: [www.msgeorgia2012.com](http://www.msgeorgia2012.com)

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## Guidelines for abstracts

- 1 - The abstract should be represented in English; appropriate Georgian or Russian versions must be attached;
- 2 - The abstract should not exceed two pages;
- 3 - The abstract should be done in the following form:
  - Title – capital letters, Sylfaen, №12, bold;
  - Author (authors) – capital letters, Sylfaen, №12;
  - Institution (№11, *Italic*);The co-authors from different institutions should be marked with superscript (see the pattern);
  - The main text should be printed: in format - A4, Sylfaen, №12, single spacing, indentation – 10 mm, margins: top - 20 mm, bottom – 25 mm, left and right – 20 mm;
  - Tables – Number of the table must be in the upper right corner, the title – in the center (№11), bold, spacing from the title of the table to the table – 10 mm, font size within the table – №10;
  - Options should be in Sylfaen, №11;
  - Graphic material and photos must be given in brackets, e.g. (Fig.1) in the appropriate place in the text;
  - Low-quality graphic- and photo-material will not be accepted;
  - References (maximum 5) should be in citation order, Sylfaen, №11, should be represented only in English with indication of the original language of publication in brackets, e.g. (in Russian); in the text the citation should be indicated in square brackets – [1].
- 4 - Each author may submit not more than two abstracts;
- 5 - The abstracts are to be sent to – [msgeorgia2012@gmail.com](mailto:msgeorgia2012@gmail.com)
- 6 - The deadline for the abstract submission is **APRIL 30, 2021**;
- 7- The abstracts, not fitted with the requirements, will not be accepted;
- 8 - Poster presentation - size – 100 × 80 cm. The deadline for the poster el. version submission is **May 10, 2021**.

Pattern:

## MINERALOGICAL FEATURES OF CHALCEDONY-AGATE FROM AKHALTSIKHE FIELD

THE FIRST AUTHOR<sup>1</sup>, THE SECOND AUTHOR<sup>2</sup>

<sup>1</sup>*Georgian Technical University, Tbilisi, Georgia*

<sup>2</sup>*A. Janelidze Institute of Geology of Tbilisi State University, Tbilisi, Georgia*

According to the data of the researches of the chalcedony-agate samples from the Akhaltsikhe deposit carried out by optical-microscopic, X-ray phase, and X-ray fluorescence methods and the data existing in technical literature, it has been concluded that certain geode layers, often characterized by alternation of variously colored bands with concentric-zonal formations, are represented by various phases.....

Table 1

Composition of intrusive rocks (№11, bold)

Nº	SiO <sub>2</sub>	TiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	FeO	MnO	CaO	MgO	P <sub>2</sub> O <sub>5</sub>	Na <sub>2</sub> O	K <sub>2</sub> O	H <sub>2</sub> O <sup>+</sup>
1												
2												
3												
4												

### REFERENCES

1. Shekrladze I., Poporadze N., Zviadadze U. Shales of Georgia: Shale Gas Mining Context. Bulletin of Georg. Nat. Acad. Sci., vol.7, №1, 2013, pp. 69-78;
2. Topchishvili M. et. al. Stratigraphy of the Jurassic Deposits of Georgia. A. Janelidze Institute of Geology. Proceedings, new series, vol.122, 2006, 450 p. (in Russian);
3. Benidze G. The Peculiarities of Organic Carbon Distribution and Postdiagenetic Transformations in the Lower and mid- Jurassic Shale Terrigenous Sediments of Beyond-Alazani, Kakheti. Caucas. Inst. Min. Res., 2009, pp. 170-178 (in Georgian).