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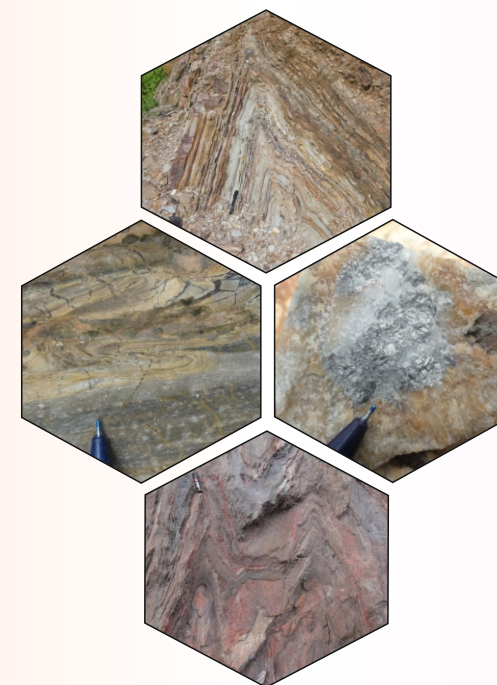
Final Circular

National Seminar on

Geology and Mineralisation of Mahakoshal Group - Future Perspective & Recent Amendments in MEMC & Auction Rules

24th June 2022

Hotel Tuli Imperial, New Ramdashpeth, Nagpur



Organized by



Geological Survey of India
Mineral Exploration and Consultancy Limited
&
Gondwana Geological Society

PREAMBLE

A one-day seminar on "Geology and Mineralisation of Mahakoshal Group-Future perspective and Recent Amendments in MEMC and Auction Rules" is being organized by Geological Survey of India, Mineral Exploration & Consultancy Limited and Gondwana Geological Society on 24th June 2022 at Nagpur. The seminar will be on hybrid mode with option to join online as participants. There will be four sessions with different themes. A tentative schedule of the seminar with themes is given in this brochure. Each session will have keynote addresses by distinguished speakers and presentations by invited participants. One abstract volume is planned to be released during the seminar.

About the Seminar

With the advent of the modern technologies, there has been a major shift in focus for targeting various mineral commodities for sustainable growth of mankind. The ever-lasting need for metals and minerals not only warrant development of policies but also require new innovative exploration strategies. To achieve the absolute synergy, the Government of India has enacted several policies and implemented several amendments to reform the mineral sectors. The recent times have witnessed a paradigm shift in mineral auctioning policies in the form of comprehensive amendment of The Mines and Minerals (Development and Regulation) Act, 1957 during 2015 as well as in 2021. The amendment has brought out new level of transparency in mineral exploration eco-system of the country along with mandating the auction of mineral concessions to improve clarity in the allocating of mining blocks.

In such an illuminating backdrop, it's the demand of the hour to diversify our voyage beyond the known. Among the 54 known supra-crustal belts of Indian Peninsula, there have been massive focus on exploration in the Proterozoic metallogenic belts located in southern, eastern and western India. In contrast, there are many more mobile/greenstone belts that have not been explored to that extent. One of such, is commonly known as Mahakoshal belt of the Central Indian Tectonic Zone (CITZ). It still remains one of the most intriguing geological mosaics within the CITZ. Geological Survey of India, along with universities and other institutions have worked extensively in the Mahakoshal belt for ages, unearthing wealth of information about the metallogeny of the belt. However, in view of the cutting-edge techniques in modern exploration, it is now high time to re-evaluate the economic perspective of the belt, both in the brown-field and green field areas.

In order to realign strategies, we need to converge together with ideas, dataset and resource potential of Mahakoshal Belt. Aligning well with the notion, a one-day national seminar on 'Geology and Mineralisation of Mahakoshal Group-future perspective and recent Amendments in Exploration and Auction Rules' is planned with high hopes to open-up new horizons for the torch-bearers in the exploration landscape.

The seminar aspires to bring the legendary works, recent progress as well as the existing exploration ecosystem together. It is planned in hybrid mode (offline as well as online) to reach maximum researchers, academicians, explorers. Based on the expertise, experiences and illustrious contributions, distinguished speakers are being invited to deliver key-note presentations. In addition, the front-line researchers have also confirmed their participation. An abstract volume is planned to be released during the seminar.

BRIEF SCHEDULE

Registration by the participants
09:00 – 09:25
Inaugural Session
09:30 – 10:05
Tea Break (10:05 – 10:20)
Technical Session-I (Geology and metallogeny of Mahakoshal Belt, CITZ, India)
10:20 – 12:10
Technical Session-II (Exploration trends in Mahakoshal Belt, CITZ, India)
12:10 – 13:30
Lunch Break (13:30 – 14:15)
Technical Session-III (Exploration strategies and way forward)
14:15 – 16:05
Tea Break (16:05 – 16:30)
Technical Session-IV (MEMC and Auction Rules)
16:30 – 18:00
Validatory Function (18:00 – 18:30)
Concluding remarks
Vote of thanks

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Route Map



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Meeting Number

2510 438 3648

Password

ByEua4fmc33

Facebook Link

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Technical Session-I (Geology and metallogeny of Mahakoshal Belt, CITZ, India)		
In Chair: Dr. S.Raju		
10:20 – 10:40	Keynote Address	Dr. S. Raju, DG, GSI
10:40 – 11:00	Keynote address on “ <i>Evolution of Central Indian Tectonic Zone with Particular Reference to Tectonics of Mahakoshal Supracrustal Belt</i> ”	Dr. Abhinaba Roy, Erstwhile GSI
11:00 – 11:15	<i>Metamorphic evolution of the contact aureole of the Jhrgadandi Pluton, Sonbhadra district, Mahakoshal mobile belt, Central India</i>	Dr. S. P. Singh, Bundelkhand University
11:15 – 11:30	<i>An Evaluation of Two Pyroxene Geothermometer</i>	Dr. Harel Thomas, HG Sagar University
11:30 -11.45	<i>Mahakoshal belt, Central, India: In light of Intrusive Granites</i>	Shri Hemant Kumar, GSI
11.45 - 12.00	<i>Mahakoshal Group – A tectono-metamorphic perspective</i>	Dr. Kasturi Chakraborty, GSI
12:00 – 12:10	Felicitations of the speakers	Dr. S. Raju, DG, GSI
Technical Session-II (Exploration trends in Mahakoshal Belt, CITZ, India)		
In Chair: Dr. D. K. Sinha		
12:10 – 12.30	Keynote address on “ <i>Geological Environment and LREE potentiality of Mahakoshal Group of Rocks, Central India</i> ”	Dr. D. K. Sinha, Director, AMD
12:30 – 12.50	Keynote address on “ <i>Gold mineralisation in Gurhar Pahar gold prospect, eastern Mahakoshal belt, Sidhi district, M.P, India</i> ”	Shri M. A. Khan, Erstwhile GSI
12:50 -13:10	<i>Multiple Fluid Sources and Geochemical Constraints on Genesis of Gold Mineralization in the Mahakoshal belt within Central Indian Tectonic Zone</i>	Dr. M. L. Dora, GSI
13:10 -13:25	<i>Petrogenesis of Agori Basalts in the Ca. 2.1 Ga Mahakoshal Supracrustal Belt, Central India Tectonic Zone</i>	Dr. V. V. Sesha Sai, GSI
13:25 -13:30	Felicitations of the speakers	Dr. D. K. Sinha, Director, AMD
Lunch Break 13:30– 14:15		
Technical Session-III (Exploration strategies and way forward)		
In Chair: Shri Hemraj Suryavanshi		
14:15 -14:35	Keynote address on “ <i>Present challenges for search of commodities to the Geoscientists</i> ”	Shri P. Tarafdar, Erstwhile GSI
14:35 -14:50	<i>Geoscience Research Opportunities for Mineral Targeting by the Application of Aero-geophysical Data Sets in the Mahakoshal Supracrustal Greenstone Belt</i>	Shri D. S. Jeere, GSI
14:50 -15:05	<i>A Comparative Study of the Stratigraphy, Structure and Gold Mineralization of the Palaeoproterozoic Mahakoshal belt, India with the Birimian belt of West African Craton</i>	Dr. M. K. Devarajan, Erstwhile GSI
15:05 - 15:20	<i>Fertilizer Mineral Exploration in India by MECL: Status and Perspective</i>	Shri P. Ravindaran, MECL
15:20 - 15:35	<i>“Regional Mineral targeting in Mahakoshal Belt: Approach and Challenges</i>	Shri A. K. Talwar, GSI
15:35 - 15:50	<i>Characteristics of gold mineralisation in eastern Mahakoshal belt, CITZ, India-Status and scope”</i>	Shri P. S. Mishra, GSI
15:50 - 16:05	Felicitations of the speakers	Shri Hemraj Suryavanshi, ADG & NMH-II, Nagpur
Tea break (16:05-16:30)		

Technical Session-IV (MEMC and Auction Rules)
In Chair: Dr. Ranjit Rath

16:30 - 16:50	Keynote address on " <i>Mineral Exploration Ecosystem for Indian Geological Milieu – Transformational Disruptions</i> "	Dr. Ranjit Rath, CMD, MECL & Ex. DG, GSI
16:50 - 17:05	<i>Note on Accreditation of Private Agencies by QCI-NABET</i>	Shri Pradeep Singh, Director (Tech.), MoM
17:05 - 17:20	<i>MMDR Amendment Act</i>	Shri P. N. Sharma, IBM
17:20 - 17:35	<i>Mineral Auction Rules</i>	Shri Abhay Agarwal, IBM
17:35 - 17:50	<i>Minerals (Evidence of Mineral Content) Rules, 2015 & its significance in Mineral Exploration</i>	Shri S. K. Adhikari, IBM
17:50 - 18:00	Felicitation of the speakers	Dr. Ranjit Rath, CMD, MECL & Ex. DG, GSI
Valedictory function (18:00 – 18:30)		