

Ministry of Mines
National Mineral Exploration Trust
Minutes of the 71st Technical-cum-Cost Committee-I (TCC-I) meeting held on
25th and 26th November, 2024 through video conferencing

The 71st meeting of the Technical-cum-Cost Committee-I (TCC-I) of the National Mineral Exploration Trust (NMET) was held via video conferencing under the chairmanship of Dr. S. Ravi, Deputy Director General (DDG), Geological Survey of India (GSI) and Chairman, TCC, NMET, on 25th and 26th November, 2024.

Members of TCC-I, NMET and representatives from Geo Exploration and Mining Solutions, Mining Tech Consultancy Services Limited, Critical Mineral Tracker, GSI, IBM, DGM, Chhattisgarh, DGM, Maharashtra, DMG, Goa, DGM, Odisha, MMPL, CSIR-IMMT, MECL, OMC, Kartikay Exploration and Mining Services private Limited, Maheshwari Mining Pvt Ltd, Gemcokati, GeoMarine, Tata Steel Ltd and PRB Infra Projects Pvt. Ltd have attended the meeting through their respective VC modes.

The list of participants is enclosed in Annexure-1.

Shri C. Parthasarathi, Director, GSI and Member Secretary, TCC-I, NMET, welcomed Dr. S. Ravi, DDG, GSI and Chairman, TCC, NMET, Members of the TCC and participants representing various Notified Exploration Agencies (NEAs) and Notified Private Exploration Agencies (NPEAs).

Dr. S. Ravi, Chairman of TCC-I, NMET, extended a warm welcome all TCC members and participants representing various NEAs and NPEAs. In his opening remarks, he emphasized the importance of timely submission of proposals by all NEAs and NPEAs. He explained that early submission provides the committee and associated agencies adequate time to thoroughly examine the proposals, and give detailed feedback.


Subsequently, the proceedings of meeting were initiated as per circulated agenda

Agenda 71.1: Technical evaluation of new project proposals

Agenda 71.1.1. Preliminary Exploration (G-3 stage) for Tungsten and associated Minerals between Kuhi and Khobna Block, Nagpur District, Maharashtra.

[Implementing Agency: MECL]

- a) The block lies at the southern margin of CITZ and the northern margin of the Bastar Craton and falls in part of SOI toposheet no. 55O/08
- b) The proposed block is strategically located within two tungsten-rich zones, Kuhi and Khobna, where the Geological Survey of India (GSI) has conducted extensive studies and established significant tungsten resources viz. 2.046 MT X 0.132% WO₃ in Kuhi Sub Block (Zone I), 3.36 MT X 0.304% WO₃ in Khobna Block both explored up to the G2 stage.
- c) MECL conducted further G4 exploration, including mapping, bedrock sampling, channel sampling, and scout drilling in the Kuhi-Khobna-Agargaon Gap Area. Utilizing geophysical anomalies identified by GSI beneath soil cover, MECL drilled scout boreholes, intersecting tungsten-mineralized zones with grades of 400 ppm in all boreholes.


10/12/24


10/12/2024

Agenda 71.3.10. Preliminary Exploration (G-3 stage) for Iron in Madhyapur Block (6.5 Sq.Km), Keonjhar District, Odisha.

[Implementing Agency: OMC]

- a) OMC informed that the project was approved in the 32nd EC Meeting held on 06th December, 2023. The sanction order was issued on 15th December, 2023 with timeline of 12 months and approved cost was INR 1,97,07,639/-.
- b) OMC informed TCC-1 that all the assigned work, except drilling, in the project has been completed and sought approval for dropping drilling component as the threshold value of Fe is non-encouraging. The timeline to complete the project is 15th Dec. 2024.
- c) Upon review of the project, the TCC-1 found that OMC can estimate resources under G4 stage as the required threshold value of Fe from BMQ is only 15%.
- d) In order to prepare the GR and IPR, time line extension is granted up to 14th March, 2025.

Recommendation of TCC-I

The committee recommended OMC to submit the report under G4 stage @15% Fe cut-off at the earliest and submit the revised cost sheet to NMET secretariat. The committee approved time extension up to 14th March 2025.

Agenda 71.3.11. Reconnaissance Survey (G-4 stage) for Graphite in Lamer-Panga Block (49 sq. Km) in Kalahandi District of Odisha.

[Implementing Agency: OMC]

- a) OMC informed that the project was approved in the 26th EC Meeting held on 25th August, 2022. The sanction order was issued on 20th September, 2022 with timeline of 12 months and approved cost was INR 1,46,68,539/-.
- b) The TCC-1 reviewed the progress of the item and approved the time line extension up to 15th Dec. 2024.

Recommendation of TCC-I

The TCC recommended timeline extension up to 15th December, 2024 for submission of final GR.

Agenda 71.3.12. Preliminary Survey (G-3 stage) for Graphite in Lamer-Panga Block-B (12.994 sq. Km) in Kalahandi District of Odisha.

[Implementing Agency: OMC]

- a) OMC informed that the project was approved in the 27th EC Meeting held on 10th January, 2023. The sanction order was issued on 03rd September, 2023 with timeline of 14 months and approved cost was INR 2,16,60,170/-.
- b) OMC presented the item and sought timeline extension up to 31st December, 2024 from 31st October, 2024.
- c) Upon review, the committee suggested to submit the report at the earliest and complete the IPR. In order to accomplish all the process timeline has been approved up to 31st January, 2025.

Recommendation of TCC-I

The committee recommended timeline extension up to 31st January, 2025 for submission of final GR along with revised cost sheet to NMET secretariat

Agenda 71.3.13. Reconnaissance Survey (G-4 Stage) for Graphite in Darukona Block (119 sq.km.), Rayagada District, Odisha.


10/12/24


10/12/2024

Annexure 1

List of participants attended 71st meeting of Technical-cum-cost Committee (TCC) of NMET held on 25th and 26th November, 2024 through video conferencing mode

S.no	Name	Designation	Email ID	Contact No	Organization
1	Dr. S. Ravi,	Dy. Director General, SU: Karnataka & Goa, GSI Bangalore	s.ravi1@gsi.gov.in	9441138834	Chairman, TCC
2	Shri. I.R. Kirmani	ADG (Retd.), GSI	irkirmani@yahoo.com	9414014723	Member TCC
3	Shri. Hemraj Suryavanshi	Addl. Director General (Retd.), GSI	hemraj.nmet@gmail.com	9425603674 7477042176	Member TCC
4	Shri. K. Koteswara Rao	Dy.D.G. (Retd.) GSI	kkrao1957@gmail.com	9000117969	Member TCC
5	Dr. S. K. Kulshrestha	DDG-RMH-III, NER, GSI, Shillong	s.kulshrestha@gsi.gov.in	9413330658	Member TCC
6	Dr.E.V.S.S.K. Babu	Scientist (G), NGRI	evsskbabu@ngri.res.in	9441535852	Member TCC
7	Shri. S.K. Adhikari	Chief Mining Geologist, IBM, Nagpur	skadhikari@ibm.gov.in	7588690545	Member TCC
8	Shri. P.K. Maharana	DGM (Finance), NALCO, Bhubaneswar	pmaharana@rediffmail.com	8500669500	Member TCC
9	Shri. Ravi Kumar Gupta	General Manager (Finance) HCL, Kolkata	ravi_g@hindustancopper.com	9433274328	Member TCC
10	Smt. Vandana	Cost Accounts Officer, RSAS, Bangalore, GSI	vandana@gsi.in	8660939235	Member TCC
11	Shri. C. Parthasarathi	Director, GSI & Member Secretary, TCC-NMET, GSI, Bengaluru	c.parthasarathi@gsi.gov.in	9483186932	Member Secretary
12	Sanjay Kankane	Joint Director (Geology)	dgmgeology@gmail.com	9826753151	DGM Chhattisgarh
13	Pradeep Singh	Dy. Director General & Head of National Mission-1A	pradeep.singh@gsi.gov.in	9810233957	GSI, CHQ, National Mission-1A, Kolkata
14	Dr. Bijay Krishna Nandi	Dy. Director General & Head of National Mission-1B	bijay.nandi@gsi.gov.in	7044062193	GSI, CHQ, National Mission-1B, Kolkata
15	Dr. Nabendu Majumdar	Director (Geophysics)	n.majumdar@gsi.gov.in	9432372358	GSI, CHQ, National

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					Mission-1A, Kolkata
16	Dr. Shuva Shankha Ganguli	Director (Geophysics)	shuva.ganguli@gsi.gov.in	8985409410	GSI, CHQ, National Mission-1B, Kolkata
17	Dr. Linashree Dalabehera	Director (Geology)	l.dalbehera@gsi.gov.in	7003659261	GSI, CHQ, MIIIA, Kolkata
18	Harshika Kishore	Asst. Geologist	harshika.kishore@gsi.gov.in	9051456710	GSI, CHQ, MIIIA, Kolkata
19	Dr. Shivakumar I. Angadi	Principal Scientist	shivakumar@immt.res.in	8763866142	CSIR-IMMT Bhubaneswar
20	Dr. Manju Unnikrishnan	Sr. Principal Scientist	manju@immt.res.in	6742379462	CSIR-IMMT Bhubaneswar
21	Manoj Kumar	Scientist	manojkumar@immt.res.in	9494064036	CSIR-IMMT Bhubaneswar
22	Shri P. Ravindran	GM (Exploration)	Ravindran.mecl@gmail.com	9407607309	MECL, Nagpur
23	Shri Shrikant Sharma	Senior Manager (Geology)	Shrikant.mecl@gmail.com	9131229758	MECL, Nagpur
24	Shri S. K. Satapathy	Senior Manager (Geology)	Sksatapathy4u@gmail.com	9993617090	MECL, Nagpur
25	Md. Dastageer	Manager (Geology)	dastageermd@gmail.com	9560739350	MECL, Nagpur
26	Shri Kaddala Lakshmanarao	Manager (Geology)	Lakshmanarao.mecl@gmail.com	9000779192	MECL, Nagpur
27	Shri Mayank Dixit	Asst. Manager (Geology)	mayankdixit@mecl.co.in	9981771626	MECL, Nagpur
28	Shri Kashung Chinaoshang	Asst. Manager (Geology)	Kashung301088@gmail.com	9620456684	MECL, Nagpur
29	Dr. Prasanta Kumar Nayak	Sr. Manager (Geo)	pknayak@odishamining.in	9438039323	OMC Ltd.
30	Dr. Lingaraj Sahoo	Sr. Manager (Geo)	lingaraj.sahoo@odishamining.in	9437603370	OMC Ltd.
31	Mr. Rajdeep Behera	Sr. Manager (Geo)	rajdeep.behera@odishamining.in	9438786086	OMC Ltd.
32	Mr. Asim Chatterjee	Program Manager	asim@idpex.in	7763807656	OMC Ltd.(STC)
33	Dr.T.Rajesham	Project Coordinator & Technical Director	rajeshamterala@gmail.com	9110333190	Critical Mineral Trackers