

**Ministry of Mines**  
**National Mineral Exploration Trust**  
**Minutes of the 74<sup>th</sup> Technical-cum-Cost Committee-1 (TCC-1) meeting held on**  
**20<sup>th</sup> and 21<sup>st</sup> February, 2025 through video conferencing**

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The 74<sup>th</sup> meeting of the Technical-cum-Cost Committee-I (TCC-1) 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 Training Institute (GSITI) and Chairman, TCC-1, NMET, on 20th and 21st February, 2025.

Members of TCC-1, NMET and representatives from DGM Chhattisgarh, DMG Karnataka, DGM Maharashtra, GSI, MECL, OMC Ltd, Geo Exploration and Mining Solutions, Gemcokati Exploration Pvt Ltd, Geo Marine Solutions Pvt. Ltd., Geo Technical Mining Solutions, Geovale Services Pvt Ltd., Critical Mineral Trackers, APC Drilling & Construction Pvt. Ltd, Indian Mines Planners and Consultants, and Mining Tech Consultancy Services 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-1, NMET, welcomed Dr. S. Ravi, DDG, GSI and Chairman, TCC-1, NMET, Members of the TCC-1 and participants representing various Notified Exploration Agencies (NEAs) and Notified Private Exploration Agencies (NPEAs).

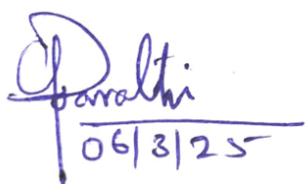
Dr. S. Ravi, Chairman of TCC-1, NMET, extended a warm welcome to all members of TCC-1 and participants representing various NEAs and NPEAs and conducted the proceedings as per circulated agenda.

**Agenda 74.1: Technical evaluation of new project proposals**

**Agenda.74.1.1. Preliminary Exploration (G-3 Stage) for Titaniferous Magnetite in Khursipar Block, District: Gondia, Maharashtra.**

**[Implementing Agency: MECL]**

- a) The proposed area forms a part of Amgaon Gneissic Complex and falls in SOI toposheet no. 64C/07
- b) This is a lapsed lease area under the 10(A) 2(B) case. MECL informed that DGM Maharashtra has requested MECL for further exploration vide Letter No. Tech/1848/2023/3938, dated 22/12/2023) since the initial 10(A) 2(B) area was less.
- c) The lease (0.03 sq. km area), granted to M/s R.R. Shende (27-11-2006 to 27-11-2008) reported 0.026 MT of iron ore resources by sinking six trial pits (1.8–4m depth).
- d) GSI (2006-07) conducted P-1 stage exploration for PGE within Titaniferous magnetite bearing meta-pyroxenites of Khursipar-Manegaon area and reported >1.5% TiO<sub>2</sub> with maximum value upto 15.1% in 15 samples.
- e) Moreover, two mining leases of Maharashtra State Mining Corporation Ltd exist at the north-western boundary of the proposed block area.
- f) The committee stated that DMG, Maharashtra should ensure that block could not be auctioned and got recommended for re-exploration.
- g) The proposed block comprises linear TVM band along with lenses of meta-ultramafites engulfed within granite gneiss. The TVM band is seen trending in N-S direction with pinch and swell structure.

  
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- a) The OMC informed that the project was approved in the 37<sup>th</sup> EC Meeting held on 23<sup>rd</sup> September, 2024. The sanction order was issued on 23<sup>rd</sup> October, 2024 with timeline of 10 months (up to 22.08.2025) and approved cost was INR 85,26,720/-.
- b) OMC further informed that out of 83.34 sq.km approved area, geological mapping has been completed in 50 sq.km area on 1: 12500 scale. 20 nos. BRS samples has been collected. Location for 20 cu. m trenching has been identified and negotiation with locals is in progress. Further, potential area will be selected for SP survey based on field observations and analytical data of surface sampling.
- c) OMC informed that graphite is structurally controlled and occurring along the folded limb. However, the occurrence of graphite could not be properly explained through interpreted geological map.

**Recommendation of TCC-1**

***The TCC-1 advised OMC to expedite mapping and elucidate the graphite schist through proper interpretation. Trenching should be done only after bringing out the graphite horizon.***

**Agenda 74.2.7. Preliminary exploration (G-3 Stage) for Gold Exploration in Salaikana Block (3.98 Sq. Km), District: Keonjhar, Odisha.**

**[Implementing Agency: OMC]**

- a) The OMC informed that the project was approved in the 31<sup>st</sup> EC Meeting held on 12<sup>th</sup> September, 2023. The sanction order was issued on 05<sup>th</sup> October, 2023 with timeline of 12 months and approved cost was INR 2,01,98,905/-.
- b) OMC further informed that the project was reviewed in the 70<sup>th</sup> TCC-1 meeting of NMET where the committee recommended concluding the project and approved additional 37 samples and 3 months' time extension upto 4<sup>th</sup> January 2025 for GR submission.
- c) OMC informed that drone magnetic survey was carried out in the block and requested TCC-1 for approval of the same.
- d) The committee opined that any additional component in the ongoing projects is to be recommended by the TCC-1 before the same is being implemented by the agency.
- e) The committee did not approve the cost for Drone Magnetic Survey. OMC presented the revised cost of the project for ₹26,82,885/- with time extension upto 31<sup>st</sup> March 2025.

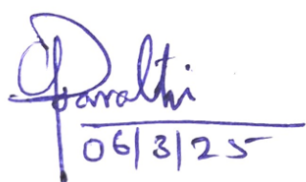
**Recommendation of TCC-1**

***The TCC-1 recommended pre-closure of the project "Preliminary exploration (G-3 Stage) for Gold in Salaikana Block, District: Keonjhar, Odisha" with revised cost of ₹26.83 Lakhs as given at Annexure 6 with time extension upto 31<sup>st</sup> March 2025 for submission of GR.***

**Agenda 74.2.8. Preliminary exploration (G-3 Stage) for Iron ore in Madhyapur Block (6.5 Sq.Km), District: Keonjhar, Odisha.**

**[Implementing Agency: OMC]**

- a) The OMC informed that the project was approved in the 32<sup>nd</sup> EC Meeting held on 06<sup>th</sup> December, 2023. The sanction order was issued on 15<sup>th</sup> December, 2023 with timeline of 12 months and approved cost was INR 1,97,07,639/-.

  
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- b) The OMC also apprised that the project was reviewed in the 71<sup>st</sup> TCCC1 meeting of NMET where 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 also approved time extension up to 14<sup>th</sup> March 2025.
- c) OMC requested approval of TCC-1 for Bulk Density analysis of samples. In reply the committee opined that the earlier recommendations of the committee has not been adhered by OMC. Further TCC-1 did not approve the analysis of samples for bulk density. The TCC-1 recommended time extension upto 31<sup>st</sup> April 2025 for submission of GR after peer review.

**Recommendation of TCC-1**

***The TCC recommended time extension upto 30<sup>th</sup> April 2025 for submission of GR***

**Agenda 74.2.9. Preliminary exploration (G-3 Stage) for Limestone in Alda Block Raipur & Baldodabazar – Bhatapara District: Chhattisgarh.**

**[Implementing Agency: DGM Chhattisgarh]**

- a) DGM Chhattisgarh informed that the project was approved in the 33<sup>rd</sup> EC Meeting held on 19<sup>th</sup> February, 2024. The sanction order was issued on 28<sup>th</sup> February, 2024 with timeline of 10 months (27.12.2024) and approved cost was INR 1,59,77,570/-.
- b) DGM Chhattisgarh further informed that drilling is in progress in the block. Out of approved 16 Bhs, 11 BHs have been completed and 1 BH is under progress. DGM requested for exclusion of 4 nos. of boundary boreholes due to standing crops.
- c) In view of the above, the TCC-1 agreed for exclusion of 4 boreholes. TCC-1 recommended the revised cost of the project for ₹1,42,74,012/-.

**Recommendation of TCC-1**

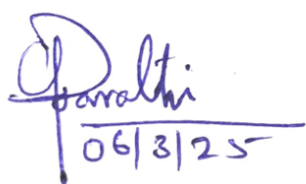
***The TCC-1 approved for exclusion of 4 BHs. from the approved quantum of the project with revised cost of the project as ₹ 142.74 Lakhs as given at Annexure-7.***

**74.3 Review of procurement proposals**

**Agenda 74.3.1. Financial Assistance from NMET funds to procure Machinery Laboratory Equipment/instruments etc. aimed at enhancing the exploration activities.**

**[Implementing Agency: DGM Chhattisgarh]**

- a) DGM Chhattisgarh informed that the project was approved in the 28<sup>th</sup> EC Meeting held on 16<sup>th</sup> March, 2023 The sanction order was issued on 3<sup>rd</sup> April, 2023 with timeline of 12 months and approved cost was INR 4,78,27,000/-.
- b) DGM Chhattisgarh further informed in the 35<sup>th</sup> EC of NMET time extension was granted upto 31.12 2024.
- c) DGM Chhattisgarh informed the committee that the tendering process was delayed due to non-availability of customized bid in GeM portal. This was resolved after months of correspondences with NMET and GeM. TCC-1 was apprised that the customized bids were floated in January 2025.
- d) In view of the above, DGM Chhattisgarh requested for time extension upto August 2025.

  
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# Annexure 1

**List of participants attended 74<sup>th</sup> meeting of Technical-cum-cost Committee (TCC-I) of NMET held on 20<sup>th</sup> and 21<sup>st</sup> February, 2025 through video conferencing mode**

| S.no | Name                         | Designation  | Email ID                   | Contact No               | Organization              |
|------|------------------------------|--|----------------------------|--------------------------|---------------------------|
| 1    | Dr. S. Ravi,                 | Dy. Director General,<br>GSITI, GSI Hyderabad                        | s.ravi1@gsi.gov.in         | 9441138834               | Chairman, TCC-1           |
| 2    | Shri. I.R.<br>Kirmani        | ADG (Retd.), GSI   | irkirmani@yahoo.com        | 9414014723               | Member TCC-1              |
| 3    | Shri. Hemraj<br>Suryavanshi  | Addl. Director General<br>(Retd.), GSI                               | hemraj.nmet@gmail.com      | 9425603674<br>7477042176 | Member TCC-1              |
| 4    | Shri. K.<br>Koteswara<br>Rao | Dy.D.G. (Retd.) GSI  | kkrao1957@gmail.com        | 9000117969               | Member TCC-1              |
| 5    | Dr. S. K.<br>Kulshrestha     | DDG-RMH-III, NER, GSI,<br>Shillong                                   | s.kulshrestha@gsi.gov.in   | 9413330658               | Member TCC-1              |
| 6    | Dr.E.V.S.S.K.<br>Babu        | Scientist (G), NGRI  | evsskbabu@ngri.res.in      | 9441535852               | Member TCC-1              |
| 7    | Shri.K.L.<br>Mundra          | Additional Director,<br>AMD,Hyderabad                                | klmundra.amd@gov.in        | 9414785663               | Member TCC-1              |
| 8    | Shri. S.K.<br>Adhikari       | Chief Mining Geologist,<br>IBM, Nagpur                               | skadhikari@ibm.gov.in      | 7588690545               | Member TCC-1              |
| 9    | Shri. P.K.<br>Maharana       | DGM (Finance),<br>NALCO, Bhubaneswar                                 | pmaharana@rediffmail.com   | 8500669500               | Member TCC-1              |
| 10   | Shri. Ravi<br>Kumar Gupta    | General Manager<br>(Finance) HCL, Kolkata                            | ravi_g@hindustancopper.com | 9433274328               | Member TCC-1              |
| 11   | Smt. Vandana                 | Cost Accounts Officer,<br>RSAS, Bangalore, GSI                       | vandana@gsi.in             | 8660939235               | Member TCC-1              |
| 12   | Shri. C.<br>Parthasarathi    | Director, GSI &<br>Member Secretary,<br>TCC- NMET, GSI,<br>Bengaluru | c.parthasarathi@gsi.gov.in | 9483186932               | Member Secretary<br>TCC-1 |
| 14   | Shri P.<br>Ravindran         | GM (Exploration)   | ravindran.mecl@gmail.com   | 9407607309               | MECL, Nagpur              |
| 15   | Shri Shrikant<br>Sharma      | Head (Exploration)   | shrikant.mecl@gmail.com    | 9131229758               | MECL, Nagpur              |
| 17   | Shri Swarup<br>Dhara         | Manager (Geology)  | swarupdhara@gmail.com      | 9630307282               | MECL, Nagpur              |
| 18   | Md Intazar<br>Alam           | Manager (Geology)  | intazar.geol1189@gmail.com | 9483914347               | MECL, Nagpur              |
| 19   | Shri Shrikant<br>Sharma      | Head (Exploration)   | shrikant.mecl@gmail.com    | 9131229758               | MECL, Nagpur              |
| 20   | Shri Mayank<br>Dixit         | Asst. Manager<br>(Geology)   | mayankdixit@mecl.co.in     | 9981771626               | MECL, Nagpur              |

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|----|----------------------------|-------------------------------------|--------------------------------|------------|---|
| 39 | Dr. Fareeduddin            | Project Coordinator                 | fareedromani@gmail.com         | 9886402487 | Geo Marine Solutions Private Limited              |
| 40 | P. Praveen Kumar           | Director                            | praveen@geomarinesolutions.in  | 8277363919 | Geo Marine Solutions Private Limited              |
| 41 | Aparna C.V                 | Geophysicist                        | mail@geomarinesolutions.in     | 9061467262 | Geo Marine Solutions Private Limited              |
| 42 | Dr. Langaraj Sahoo         | Sr. Manager(Geology)                | lingaraj.sahoo@odishamining.in | 9437603370 | OMC Ltd.  |
| 43 | Dr. Vanit Patel            | Junior Professional Geologist       | vanit@idpex.in                 | 7984822241 | OMC Ltd.  |
| 44 | Mr. Pravasa Ranjan Chinara | Senior Professional Geologist       | pravasa@idpex.in               | 8349201158 | OMC Ltd.  |
| 45 | Mr.G.Umamaheswaran         | Sr.Geologist                        | info.gtmsdpi@gmail.com         | 9790462882 | M/s.Geo Technical Mining Solutions, Dharmapuri    |
| 46 | Mr. BL Mallikarjun         | Chief General Manager               | cgmexploraiton@apcdrilling.co  | 9422801575 | APC Drilling & Construction Pvt Ltd, Namakkal, TN |
| 47 | Mr. CS Ramesh              | General Manager                     | gmexploraiton@apcdrilling.co   | 9980544027 | APC Drilling & Construction Pvt Ltd, Namakkal, TN |
| 48 | Mr. Atul Rathore           | DGM                                 | dgmexploraiton@apcdrilling.co  | 7011884417 | APC Drilling & Construction Pvt Ltd, Namakkal, TN |
| 49 | Dr. Bijay Krishna Nandi    | Deputy Director General(Geophysics) | bijay.nandi@gsi.gov.in         | 7044062193 | Geological Survey of India                        |
| 50 | Dr. Shuva Shankha Ganguli  | Director(Geophysics)                | shuva.ganguli@gsi.gov.in       | 8985409410 | Geological Survey of India                        |
| 51 | Dr. Sabyasachi Nag         | Senior Geophysicist                 | sabyasachi.nag@gsi.gov.in      | 8637516529 | Geological Survey of India                        |
| 52 | Dr. Joy Gopal Ghosh        | Principal (Geology & Exploration)   | joygopal.ghosh@geovale.com     | 9999681366 | Geovale Service Pvt. Ltd., Kolkata                |
| 53 | Dr. Taraknath Pal          | Associate Principal (Exploration)   | tarakpal22@gmail.com           | 6300985508 | Geovale Service Pvt. Ltd., Kolkata                |
| 54 | Dr. Suparna Goswami        | Sr. Project Manager (Exploration)   | suparna.goswami@geovale.com    | 9874320018 | Geovale Service Pvt. Ltd., Kolkata                |

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