

ANNEXURE-IIIC

Ministry of Mines
National Mineral Exploration Trust
Minutes of the 73rd Technical-cum-Cost Committee-1 (TCC-1) meeting held on
30th and 31st January, 2025 through video conferencing

The 73rd 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 30th and 31st January, 2025.

Members of TCC-1, NMET and representatives from DGM, Chhattisgarh, DMG, Karnataka, DGM Maharashtra, CGM Tamil Nadu, MECL, CMPDI, OMC Ltd., KIOCL Limited, Maheshwari Mining Pvt Ltd, Telangana Mineral Development Corporation Limited Agency, Geo Exploration and Mining Solutions, Gemcokati Exploration Pvt Ltd, Geo Marine Solutions Pvt. Ltd., Geo Technical Mining Solutions, Critical Mineral Trackers, APC Drilling & Construction Pvt. Ltd, Kartikay Exploration and Mining Services Pvt. Ltd, and PRB Infraprojects 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-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 73.1: Technical evaluation of new project proposals

Agenda.73.1.1. Preliminary Exploration (G3) for Limestone in Dhunki-Chilai Block (5.58 Sq.Km Area) District- Yavatmal, Maharashtra. **[Implementing Agency: MECL]**

- a) This block is a lapsed lease area and falls under 10(A) 2(B) case. The MECL claimed that DGM Maharashtra has requested MECL to upgrade the block vide letter no. Tech/1848/2023/260, dated 23/01/2024 for further exploration.
- b) The proposed area belongs to Penganga Beds or Penganga Series and falls in Survey of India toposheet no. 55I/13.
- c) The proposed exploration block lies in the east of M/s Bajrang Sales Pvt. Ltd prospected Hiwardhara lease area which shows 30.50% to 51% Cao, 2% to 19.30% MgO and 2.8% to 8% SiO₂.
- d) MECL conducted preliminary field visit in and around the Hiradhwara, Ganeshpura, Dhunki and Chilai area and collected samples which yielded 18.99% to 50.52% Cao, 1.36% to 8.22% MgO and 4.85% to 34.53% SiO₂.
- e) Based on this, MECL proposed G3 stage item in Dhunki-Chilai Block.
- f) The District Mining Officer (DMO), DMG, Maharashtra conveyed that boundaries of the block need to be modified according to the existing mining leases. It was

Parathi
11/21/2025

Ami
11/02/2025

Agenda 73.2.13. Preliminary exploration (G3) for graphite around Naringapanga block (S & W) (0.143 sq. km) block, District Rayagada, Odisha.

[Implementing Agency: DMG Odisha]

- a) DMG Odisha informed that the project was approved in the 27th EC Meeting held on 10th January, 2023. The sanction order was issued on 05th April, 2023 with timeline of 09 months and approved cost was INR 1,20,92,849/-.
- b) DMG Odisha informed that the exploration activities have been completed and the report is ready for peer review. In view of above, DMG Odisha requested for time extension upto 31st March 2025 for submission of GR.

Recommendation of TCC-1

The TCC-1 recommended time line extension upto 31st March 2025 for submission of final GR.

Agenda 73.2.14. Preliminary exploration (G3) for Graphite in Lamer-Panga block A (13.99 sq. km), District Kalahandi, 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 February, 2023 with timeline of 16 months and approved cost was INR 2,32,65,315/-.
- b) In the 35th EC of NMET held on 16th May 2024, project timeline was extended upto 2nd December 2024.
- c) OMC informed that Geological mapping (1:4000 scale) has been completed over the total
- d) area of 13.99 Sq Km. Based on geological mapping, surface sampling, SP survey and drilling data, the two potential mineralization zones for graphite are delineated at north-western and south-eastern part of the Lamer village. OMC informed that as forest clearance is not obtaining, the trenching work was carried out.
- e) Further, Total 17 nos. of systematic boreholes (200 m intervals of foliation direction) have been drilled and two graphite mineralization zones are delineated. The total drilling was 883 meterage out of approved 1000m. 13 nos. of boreholes are positive and FC varies from 2 % to 17.07 %. OMC apprised that 677 nos of primary samples were analyzed although approved samples were 250 nos.
- f) OMC informed that the resource has been estimated in both Cross Sectional (CS) Area method and Longitudinal Vertical (LV) Section method A total of 3098039 tonnes or 3.098 million tonnes Inferred mineral resource (333) of graphite along with different ranges of FC i.e. 1.11 million tonnes (02-05% FC), 1.532 million tonnes (05-10% FC) and 0.455 million tonnes (above 10% FC) have been estimated in Cross Sectional Area method.
- g) OMC sought approval of the committee for the revised quantum of work and time extension upto 31st March 2025 for GR submission.
- h) In view of above, the committee advised to submit the revised cost sheet with revision of quantum for approval.

Recommendation of TCC-1

The TCC-1 recommended time extension upto 31st March 2025 to EC and advised OMC to submit revised cost sheet as the Chemical Analysis of core samples

has been carried out beyond the approved NQT. Revised cost sheet should be submitted with original cost against each item/quantum and deviated cost with justification for deviation in next TCC.

Agenda 73.2.15. Preliminary Exploration (G3) for Gold in Dimirimunda Block (5 Sq. Km), District Keonjhar, Odisha.

[Implementing Agency: OMC]

- a) OMC informed that the project was approved in the 31st EC Meeting held on 12th September, 2023. The sanction order was issued on 05th October 2024 with timeline of 12 months.
- b) OMC informed that geological mapping was completed in the area and 5 BHs were drilled. However, DGPS survey, topographical survey, trenching could not be carried out in the block. In the 70th TCC-1 of NMET, the committee opined that the project may be reviewed again after completion of geophysical survey. In case, gold values are still not found encouraging, the project may be prematurely concluded after submission of justification from OMC. Meanwhile, the committee had agreed for time extension upto 31st December 2024.
- c) OMC informed drone based magnetic survey was carried out in the western margin of the Dimirimunda block at 50 m line spacing. Field verification indicated lateritized ultramafic rocks in contact with the shear zone. All 3 samples collected in the zone show consistency in Ni-Co-Cr-Cu-Pb-Zn along with Vanadium values.
- d) OMC informed that the analytical results did not indicate encouraging gold values. OMC sought approval of the committee for closure of the project with time extension up to 31st March 2025 for submission of GR.
- e) In view of above, the committee agreed for closure of the project and advised to submit the revised cost sheet with revision of quantum for approval.

Recommendation of TCC-1

The TCC-1 recommended time extension upto 31st March 2025 to EC and advised to submit revised cost sheet for the project in next TCC-1.

Agenda 73.2.16. Reconnaissance Survey (G4) for Graphite in Dindo-Belkurta-Basera Block, District Surguja, Chhattisgarh.

[Implementing Agency: Maheshwari Mining Pvt. Ltd.]

- a) Maheshwari Mining Pvt. Ltd. (MMPL) informed that the project was approved in the 31st EC Meeting held on 12th September, 2023. The sanction order was issued on 05th October, 2023 with timeline of 12 months and approved cost was INR 1,04,63,931/-.
- b) MMPL presented the outcome of the project with comments of the peer reviewer.
- c) The committee noted the outcome of the project and recommended time extension upto 15th February 2025 for GR submission after incorporation of peer reviewer's comments.

Recommendation of TCC-1

The TCC-1 recommended GR submission with time extension up to 15th February 2025 for approval of EC.