

**Ministry of Mines**  
**National Mineral Exploration and Development Trust**  
**Minutes of the 99th Technical-cum-Cost Committee-1 (TCC-1) Meeting held on**  
**22nd & 24th June 2026 through video conferencing**

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The 99th Meeting of the Technical-cum-Cost Committee-I (TCC-1) of the National Mineral Exploration and Development Trust (NMEDT) 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, NMEDT, on 22nd & 24th June 2026. Members of TCC-1, NMEDT and representatives from DMG Karnataka, DMG Odisha, DMG Rajasthan, GSI, MECL, OMC, BMRC Geomining Solutions Pvt. Ltd., M/s Vibrant Techno Lab Private Ltd., Gemcokati Exploration Pvt. Ltd., FAGMIL, Mining Associates Pvt. Ltd., IMPCON, M/s GMMCO Technology Services Ltd., Critical Mineral Trackers, M/s. MMPL Private Limited, Geovale Services Pvt. Ltd., M/s Unised Research Consultants Private Limited, PRB InfraProjects Pvt. Ltd. and M/s GeoExpore Pvt. Ltd. have attended the meeting through their respective VC modes.

The list of participants is enclosed in Annexure-1.

Shri S. Dhanendran, Director, GSI and Member Secretary, TCC-1, NMEDT, welcomed Dr. S. Ravi, Dy. Director General, GSI and Chairman, TCC-1, NMEDT, 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, NMEDT, 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 99.1: Technical evaluation of new project proposals**

**Agenda 99.1.1. Preliminary Exploration (G3 Stage) for Graphite in Chama-Barwaiya Block, Districts- Latehar and Palamu, Jharkhand.**

**Proposal ID: ME/DD/G3/JH/26-27/051**

**[Implementing Agency: M/s BMRC Geomining Solutions Pvt. Ltd.]**

- a. The proposed block, located in Latehar and Palamu districts of Jharkhand (Toposheet No. 73A/05), falls within the northern part of the Chhotanagpur Granite Gneiss Complex (CGGC), comprising high-grade metamorphic rocks, granitic gneisses, and younger intrusive bodies affected by multiple phases of deformation and metamorphism.
- b. The block is predominantly underlain by granite gneiss, graphite gneiss, pegmatite, quartz veins, and amphibolite/hornblende gneiss enclaves. Graphite mineralization is reported to be associated with the graphite gneiss within the CGGC terrain.
- c. Field investigations delineated flaky graphite zones at Chama, Barwaiya Khurd, and Irgu villages, with fixed carbon values ranging from 0.58% to 34.78% (average ~14.5%). Geochemical studies indicated vanadium values up to 2,555 ppm, suggesting graphite–vanadium association.
- d. Aeromagnetic, gravity, and trenching investigations confirmed the continuity of graphite mineralization and indicated the presence of magnetite associated with basic/ultrabasic intrusives.

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- e. The proposed block lies along the strike extension of the graphite-bearing gneiss mine at Barwaiya and shares the same WNW–ESE to NW–SE structural trend.
- f. The agency informed that, as the proposed block is contiguous with the existing mining lease, the graphite-bearing horizon is likely to continue within the block in a disseminated form.
- g. Two probable graphite mineralized zones were delineated near Barwaiya Khurd, south of the existing mining lease, and spatially coincide with the proposed exploration block, indicating the likely continuation of graphite mineralization into the target area.
- h. Geological Survey of India investigations reported encouraging graphite and vanadium values, with fixed carbon ranging from 0.58% to 34.78% and vanadium values up to 2,555 ppm.
- i. The close positive correlation between graphite and vanadium indicates significant potential for graphite mineralization with associated vanadium enrichment within the proposed block.
- j. The committee reviewed the proposal and observed that the proposed area overlaps with Barwaiya–Irgu Graphite Block of APC Drilling & Construction Pvt. Ltd. The project was given in-principle approval during 94<sup>th</sup> principle and the agency (APC Drilling & Construction Pvt. Ltd.) is due for submission of DPR within a stipulated time.
- k. In view of the overlap with the already approved block, the Committee opined that the proposal could not be approved at this stage and deferred its consideration.

Sl. No.	Agency	Brief Comments
1	GSI	GSI carried out G4-stage exploration in & around the proposed area during FS 2022–23. Owing to scanty outcrops and discontinuous graphite mineralisation, continuity of the graphite body could not be established; therefore, no G3-stage exploration proposal was envisaged.
2	MECL	The proposed block has no overlapping with the ongoing or completed projects of MECL.
3	AMD	AMD has carried out G4-stage reconnaissance exploration in and around the proposed block and reported uranium mineralisation up to 0.66% U <sub>3</sub> O <sub>8</sub> . Hence, uranium may also be included in the analytical suite.
4	State DMG/DGM/CGM	The proposed block overlaps with one minor mineral block and the Barwaiya–Irgu Graphite Block of APC Drilling & Construction Pvt. Ltd., for which consent has already been obtained from DMG, Jharkhand.
5	NMEDT	One pre-auction ML of Graphite lies within Buffer zone of Proposed block. The proposed block do not overlap with NMEDT funded projects.

**Recommendations of TCC-1:**

*The committee did not approve the proposal in view of the overlap with the already approved (in principle) block of APC Drilling & Construction Pvt. Ltd.*

**Agenda 99.1.2. Preliminary Exploration (G3 Stage) of REE, RM and associated mineralization in the North of Mangi Block, Tehsil- Siwana, District -Balotra, Rajasthan**

**Proposal ID: ME/DD/G3/RJ/26-27/029**

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**[Implementing Agency: M/s Vibrant Techno Lab Private Ltd.]**

- a. The proposed block falls within Toposheet No. 45C/06 and is underlain by plutonic and volcanic rocks of the Neoproterozoic Malani Igneous Suite, predominantly comprising medium- to coarse-grained pink rhyolite with vesicles and green mafic minerals such as riebeckite, arfvedsonite, aegirine, and aegirine-augite.
- b. The area forms part of Siwana Ring Complex of Rajasthan.
- c. The Committee reviewed the proposal and observed that the proposed area falls within the main Siwana Ring Complex, where regional-scale rapid assessment of soil-covered terrains for identification of high-potential REE and RM mineralized zones is currently underway. Since future exploration strategy will be finalized based on the outcome of this assessment, the Committee did not consider the proposal at this stage.

Sl. No.	Agency	Brief Comments
1	GSI	Analytical results of samples collected by agency show most TREE+Y values range between 500–1500 ppm, with only two samples exceeding 2000 ppm, suggesting limited potential for significant REE mineralisation in the area.
2	MECL	The proposed block has no overlapping with the ongoing or completed projects of MECL.
3	AMD	The proposed block falls ~500m SW of the AMD notified ongoing G3 stage Mawri-Magreshwar block. Grab samples of Magreshwar Block (n=28) analysed av. 0.50% TREO; av. 0.043% Nb <sub>2</sub> O <sub>5</sub> and av. 1.20% ZrO <sub>2</sub> .
4	State DMG/DGM/CGM	The proposed area does not overlap with any mineral concessions or litigations, except for 1.26 sq. km of forest land. Consent for exploration is granted, subject to obtaining necessary forest clearances from the Government of Rajasthan.
5	NMEDT	The proposed block do not overlap with NMEDT funded projects however the block falls in Siwana Ring Complex, where regional rapid subsurface screening project is under progress..

**Recommendations of TCC-1:**

***The Committee did not approve the proposal, as the area falls within the main Siwana Ring Complex where regional-scale rapid assessment and delineation of high-potential REE and RM mineralized zones in soil-covered terrains are currently in progress. Further exploration will be planned based on the outcome of this ongoing study.***

**Agenda 99.1.3. Preliminary Exploration (G3 stage) of REE, RM and associated mineralization in South of Siner Block, Tehsil- Siwana, District - Balotra, Rajasthan**

**Proposal ID: ME/DD/G3/RJ/26-27/031**

**[Implementing Agency: M/s Vibrant Techno Lab Private Ltd.]**

- a. The proposed block falls within Toposheet No. 45C/06 and is underlain by plutonic and volcanic rocks of the Neoproterozoic Malani Igneous Suite, predominantly comprising medium- to coarse-grained pink rhyolite with vesicles and green mafic minerals such as riebeckite, arfvedsonite, aegirine, and aegirine-augite.

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- b. The area forms part of Siwana Ring Complex of Rajasthan.
- c. The Committee reviewed the proposal and observed that the proposed area falls within the main Siwana Ring Complex, where regional-scale rapid assessment of soil-covered terrains for identification of high-potential REE and RM mineralized zones is currently underway. Since future exploration strategy will be finalized based on the outcome of this assessment, the Committee did not consider the proposal at this stage.

Sl. No.	Agency	Brief Comments
1	GSI	Analytical results of samples collected by agency show most TREE+Y values range between 300–1500 ppm, with only one sample exceeding 2000 ppm, suggesting limited potential for significant REE mineralisation in the area.
2	MECL	The proposed block has no overlapping with the ongoing or completed projects of MECL.
3	AMD	The proposed block falls ~500m south of the AMD notified ongoing G3 stage Nal block. Grab samples of Nal Block (n=17) analysed av. 0.79% TREO; av. 0.089% Nb <sub>2</sub> O <sub>5</sub> and av. 1.92% ZrO <sub>2</sub> .
4	State DMG/DGM/CGM	This proposal area does not conflict with any mineral concessions and litigations, hence, consent for exploration for this proposal is given.
5	NMEDT	The proposed block do not overlap with NMEDT funded projects however the block falls in Siwana Ring Complex and some area falls in Recorded Forest Area.

**Recommendations of TCC-1:**

*The Committee did not approve the proposal, as the area falls within the main Siwana Ring Complex where regional-scale rapid assessment and delineation of high-potential REE and RM mineralized zones in soil-covered terrains are currently in progress. Further exploration will be planned based on the outcome of this ongoing study.*

**Agenda 99.1.4. Preliminary Exploration (G-3) for Gold and associated mineralization in the Javakula “B” Block (10 Sq. Km) Block, Sri Satya Sai District, Andhra Pradesh (Toposheet No-57J/08)  
Proposal ID: ME/DD/G3/AP/26-27/052**

**[Implementing Agency: Gemcokati Exploration Pvt. Ltd.]**

- a. The proposed block, located in Toposheet No. 57J/8, falls within an Archean crystalline terrain of the Indian Peninsular Shield and is characterized by granite–greenstone associations comprising metavolcanic and metasedimentary rocks of the greenstone belt assemblage.
- b. The agency informed the committee that The geological setting of the Javakula “B” Block is considered favourable for gold mineralization, as it lies within an Archean granite–greenstone terrain comprising metavolcanic and metasedimentary rocks intruded by granitoids and affected by multiple phases of deformation.
- c. Gold mineralization in the block is structurally controlled and associated with shear zones, fractures, lithological contacts, and quartz veins within the greenstone sequence, with metabasalts, amphibolites, and metasedimentary rocks forming the favourable host lithologies.

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- d. The Mineral Exploration Research and Innovation Trust (MERIT), Directorate of Mines and Geology, Government of Andhra Pradesh, carried out a G4-stage investigation over the 10 sq. km Javakula "B" Gold Block, delineated a prospective area based on encouraging gold values in soil and stream sediment samples, and recommended further exploration considering the favourable geological setting and earlier prospecting results.
- e. Previous investigations (F.S. 2017–18) also reported copper- and sulphide-bearing quartz veins, along with nickel and chromium enrichment in ultramafic rocks within the proposed block, indicating additional mineralization potential.
- f. Previous investigations (F.S. 2004–06) delineated three gold mineralized zones in the Tellakonda and Tumukunta blocks, with gold values of up to 2.8 ppm, indicating favourable potential for gold mineralization in the region.
- g. Based on above background the agency has proposed for preliminary exploration of Gold in Javakula "B" block.
- h. The committee reviewed the proposal and observed that no G4 level work has been carried out.
- i. The Committee observed that the geochemical values presented by the agency are weak and scattered in nature, with no well-defined mineralized zone having been delineated.
- j. The committee also observed that the agency has not done any field work and no analysis has been done by them.
- k. The Committee further observed that the agency had neither carried out any field investigations nor generated any analytical data to substantiate the proposal.
- l. The committee advised the agency to visit field, get samples analysed to substantiate the proposal. The agency was also advised to consult more previous literature and strengthen the proposal for consideration.
- m. The Committee advised the agency to undertake field investigations, generate analytical data to substantiate the proposal, and review additional published literature to strengthen the proposal before resubmission.

Sl. No.	Agency	Brief Comments
1	GSI	The proposed NPEA block is falling within on-going RMT project of GSI for FS 2026-27 and therefore may not be considered feasible.
2	MECL	The proposed block has no overlapping with the ongoing or completed projects of MECL.
3	AMD	AMD has carried out reconnaissance exploration (G4 stage) for uranium in and around the proposed block. No significant surface radioactive zone was delineated.
4	State DMG/DGM/CGM	As per the Geological report of the MERIT, the block seems to be potential for further exploration. Further it is submitted that opinion of the GSI may also be obtain in this regard.
5	NMEDT	The proposed block do not overlap with NMEDT funded projects.

#### Recommendations of TCC-1:

***The Committee did not approve the proposal, in its present form and suggested the agency to undertake field investigations, generate analytical data to substantiate the proposal, and review additional published literature to strengthen the proposal before resubmission.***

#### Agenda 99.1.5. Preliminary Survey (G-3) of Limestone in Mangliyawas- B

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**Block, Tehsil- Jaisalmer, (29.5 Sq. Km Area), District-Jaisalmer, Rajasthan.**

**Proposal ID- ME/DD/G3/RJ/26-27/046**

**[Implementing Agency: FAGMIL]**

- a. The proposed block, located in Toposheet No. 57J/8, falls within Jaisalmer sedimentary basin.
- b. Representative of DMG, Rajasthan present in the meeting informed the committee that the area falls in the GIB Boundary of Desert National Park. It was further informed that all mining related activity in the GIB Boundary Zone is on hold till decision from MoEFCC is received.
- c. As per NGDR portal, DMG Rajasthan is carrying out exploration work in area south of the proposed block.
- d. DMG Rajasthan clarified that the work in the mentioned block is kept on hold till decision from MoEFCC is received.
- e. The Committee instructed DMG Rajasthan to furnish its comments to the NMEDT Secretariat.

Sl. No.	Agency	Brief Comments
1	GSI	Proposing agency carried out field in the area and collected samples. The XRF analysis of the samples shows that CaO: 53%-53.3%, SiO <sub>2</sub> : 0.60%-0.98% and Fe <sub>2</sub> O <sub>3</sub> : 0.35%-0.41%. Based on this proposed block appears to be prospective for Limestone exploration.
2	MECL	The proposed block has no overlapping with the ongoing or completed projects of MECL.
3	AMD	The proposed block has no overlapping with the AMD's ongoing or completed projects.
4	State DMG/DGM/CGM	Representative from DGM Rajasthan present in meeting informed that though no official records present with their office, but the proposed area falls in the GIB Boundary of Desert National Park.
5	NMEDT	One G3 Exp block of GSI for Limestone exploration overlaps with the proposed block as per NGDR. The proposed block do not overlap with NMEDT funded projects.

**Recommendations of TCC-1:**

***The Committee did not approve the proposal as the proposed area falls within the Great Indian Bustard (GIB) Zone of the Desert National Park, where all mining-related activities are on hold pending a decision from the MoEFCC.***

***The Committee advised the agency to resubmit the proposal after clarification from the MoEFCC regarding permissible activities within the GIB Zone is received.***

**Agenda 99.1.6. Preliminary Survey (G-3) of Limestone in Mangliyawas- A Block, Tehsil- Jaisalmer, (33.0 Sq. Km Area), District-Jaisalmer, Rajasthan.**

**Proposal ID- ME/DD/G3/RJ/26-27/034**

**[Implementing Agency: FAGMIL]**

- a. The proposed block, located in Toposheet No. 57J/8, falls within Jaisalmer

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- sedimentary basin.
- Representative of DMG, Rajasthan present in the meeting informed the committee that the area falls in the GIB Boundary of Desert National Park. It was further informed that all mining related activity in the GIB Boundary Zone is on hold till decision from MoEFCC is received.
  - As per NGDR portal, DMG Rajasthan is carrying out exploration work in area south of the proposed block.
  - DMG Rajasthan clarified that the work in the mentioned block is kept on hold till decision from MoEFCC is received.

Sl. No.	Agency	Brief Comments
1	GSI	The block is proposed based on adjoining GSI G4 and G2 exploration results, indicating ~64.28 Mt of SMS-grade limestone (~53% CaO, low silica) and ~348.21 Mt of cement-grade limestone, highlighting strong potential for cement and allied mineral-based industries.
2	MECL	The proposed block has no overlapping with the ongoing or completed projects of MECL.
3	AMD	The proposed block has no overlapping with the AMD's ongoing or completed projects.
4	State DMG/DGM/CGM	Though no official records present with their office, but the proposed area falls in the GIB Boundary of Desert National Park.
5	NMEDT	One G3 Exploration block of GSI for Limestone exploration overlaps with the proposed block as per NGDR portal. The proposed block do not overlap with NMEDT funded projects.

**Recommendations of TCC-1:**

*The Committee did not approve the proposal as the proposed area falls within the Great Indian Bustard (GIB) Zone of the Desert National Park, where all mining-related activities are on hold pending a decision from the MoEFCC.*

*The Committee advised the agency to resubmit the proposal after clarification from the MoEFCC regarding permissible activities within the GIB Zone is received.*

**Agenda 99.2: Review of Ongoing Procurement Proposal**

**Agenda 99.2.1. Financial Assistance from NMET funds to procure Machinery Laboratory Equipment/instruments etc. aimed at enhancing the exploration activities.**

**[Implementing Agency: DMG Karnataka]**

- The committee was apprised, the project was approved by EC in its 27th meeting held on 10th January, 2023. The Sanction order was issued on 24.03.2023 for the procurement of ICPMS (1 no.), WD-XRF (1 no.), and Rock cutting polishing & mounting unit (1 no.) with an estimated cost of 417 lakhs and timeline of 12 months (up to 23.03.2024). The timeline was extended up to 30.09.2024, 31.10.2025, 30.04.2026 and 31.01.2027 in 35th EC, 38th EC, 3<sup>rd</sup> and 9<sup>th</sup> PSC meetings respectively.
- DMG Karnataka apprised the committee regarding the status of procurement and informed the committee that ICPMS have been procured. However, procurement of WD-

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XRF and rock cutting, polishing and mounting unit is still not completed and currently under progress.

- c. During 96<sup>th</sup> meeting of TCC-1, the agency has sought modification in the specifications of rock cutting polishing & mounting unit with modern facilities. The committee did not agree for the modifications and suggested the agency to adhere to the specifications as approved by NMEDT.
- d. The agency informed the Committee that an additional ₹450.29 lakh is required to complete the procurement.
- e. The agency further informed that it proposes to meet the additional procurement cost from the NMEDT incentive funds already sanctioned.
- f. The Committee informed the agency that NMEDT has prescribed an upper funding ceiling for each instrument and that financial assistance beyond the approved ceiling cannot be sanctioned.
- g. The Committee observed that the proposal to utilize the sanctioned NMEDT incentive funds for the additional procurement cost requires examination with reference to the NMEDT Procurement Rules and the Incentive Scheme provisions.
- h. The committee deferred the proposal of DMG Karnataka and suggested the agency to discuss the proposal again in next meeting of TCC-1.

**Recommendations of TCC-1:**

***The committee deferred the proposal of DMG Karnataka and suggested the agency to discuss the proposal again in next meeting of TCC-1.***

**Agenda 99.3: Project Evaluation for In-Principle Approval**

**Agenda 99.3.1. Preliminary Exploration (G3) for Vanadium and allied metals mineralization in Sandungra- Patangaon Block, Champawat District, Uttarakhand.**

**Proposal ID- ME/IN/G3/UK/P/26-27/073**

**[Implementing Agency: M/s Mining Associates Pvt. Ltd.]**

- a. The proposed G3 exploration block, located in Survey of India Toposheet No. 53O/15 in Champawat district, Uttarakhand, has been delineated over the vanadiferous carbonaceous phyllite horizons of the Gumalikhhet Formation, Almora Group, based on the recommendations of the G4-stage investigations carried out by Geological Survey of India during Field Season 2024–25.
- b. The Committee noted that, as per the comments of Geological Survey of India, more than 90% of the proposed area overlaps with an ongoing G3-stage exploration project for the same commodity during 2026–27.
- c. The committee did not approve the proposal.

Sl. No.	Agency	Brief Comments
1	GSI	The proposed block shows >90% overlap with GSI FS 2026-27 G3 project for same commodity.
2	MECL	There is no overlapping with past or ongoing exploration of MECL

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3	AMD	There is no overlapping with past or ongoing exploration of AMD
4	State DMG/DGM/CGM	Awaited
5	NMEDT	The proposed block do not overlap with NMEDT funded projects, however a some portion fall in Recorded Forest Area.

**Recommendations of TCC-1:**

***The Committee did not approve the proposal in view of the fact that more than 90% of the proposed area overlaps with an ongoing G3-stage exploration project of Geological Survey of India for the same commodity.***

**Agenda 99.3.2. Preliminary exploration (G3) of Copper and other associated minerals block in Bobiya-Langdang village, Papumpare district, Arunachal Pradesh.**

**Proposal ID- ME/IN/G3/AR/P/26-27/079**

**[Implementing Agency: M/s IMPCON]**

- The proposed block, located in Survey of India Toposheet No. 83E/08 in Papumpare district, Arunachal Pradesh, falls within the phyllitic rocks of the Khetabari Formation of the Bomdila Group of Palaeoproterozoic age.
- Geological Survey of India carried out G4-stage reconnaissance investigations during Field Season 2017–18 in the Bubiya–Leporiang area, including geological mapping (1:12,500 scale), which identified encouraging copper mineralization within the proposed block.
- GSI reported bedrock samples containing up to 3.4% Cu and a channel sample with 790 ppm Cu. The area also exhibits a prominent magnetic anomaly (515–729 nT), indicating the presence of a highly leached and oxidized sulphide zone.
- Geological Survey of India has also carried out exploration in the Lodoso and Pakke-Kessang Pakro blocks, where copper and REE resources have been established, indicating the regional mineral potential.
- The Committee observed that the area appears prospective in view of the nearby G3-stage exploration by Geological Survey of India; however, the proposal lacks adequate supporting data, and the agency has not undertaken any field verification.
- The Committee advised the agency to conduct field investigations, study the lithological packages, shear zones, and associated mineralization, collect representative samples, and resubmit the proposal with analytical data and proper justification.

Sl. No.	Agency	Brief Comments
1	GSI	The proposed NMET block fully overlaps the GSI G4 Bubiya–Leporiang block (FS 2017–18). Additionally, nearby Dedollo block (1.18 sq. km) was explored by GSI at G3 stage for Cu–Au–Ag and associated minerals during FS 2019–22 on 1:2000 scale.
2	MECL	MECL requested for correct kml/cordinates of the block.
3	AMD	The proposed block has no overlapping with the AMD's ongoing or completed projects.

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4	State DMG/DGM/CGM	Awaited
5	NMEDT	The proposed block do not overlap with NMEDT funded projects, however a some portion fall in Recorded Forest Area.

**Recommendations of TCC-1:**

***The Committee did not approve the proposal in present form and suggested the agency to conduct field investigations, study the lithological packages, shear zones, and associated mineralization, collect representative samples, and resubmit the proposal with analytical data and proper justification.***

**Agenda 99.3.3. Reconnaissance Survey for Manganese & REE in Talavaram Block, Parvathipuram Manyam District, Andhra Pradesh (G4 Stage)**

**Proposal ID- ME/IN/G4/AP/P/26-27/081**

**[Implementing Agency: M/s GMMCO Technology Services Ltd.]**

- The proposed block, located in part of Survey of India Toposheet No. 65N/10, falls within the Eastern Ghats Mobile Belt (EGMB) and is underlain by the Khondalite Group comprising calc-silicate rocks and khondalites, with manganese mineralization occurring as bands, lenses, and pockets within these lithologies.
- Geological Survey of India informed that more than 90% of the proposed area overlaps with its G4-stage exploration proposal for 2027–28, which is at an advanced stage of approval.
- The committee did not approve the proposal in view of comments received from GSI.

Sl. No.	Agency	Brief Comments
1	GSI	Approximately 90% of the proposed NPEA block overlaps with the G4 stage exploration block is submitted and under the process of approval for taking up by GSI during FS 2027-28.
2	MECL	The proposed block has no overlapping with the MECL's ongoing or completed projects.
3	AMD	The proposed block has no overlapping with the AMD's ongoing or completed projects.
4	State DMG/DGM/CGM	One ML (13.356 Ha) for Quartz has been granted for lease period upto 21.03.2027 within the proposed block.
5	NMEDT	The proposed block do not overlap with NMEDT funded projects.

**Recommendations of TCC-1:**

***The Committee did not approve the proposal in view of the fact that more than 90% of the proposed area overlaps with the G4-stage exploration proposal of Geological Survey of India for 2027–28, which is at an advanced stage of approval.***

***The Committee advised the agency to await the outcome of the approval process and, if the GSI proposal is not approved, to resubmit the proposal for consideration.***

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**Agenda 99.3.4. Reconnaissance Survey (G4 Stage) for REE and associated minerals in Mudigonda Block, Khammam district, Telangana  
Proposal ID -ME/IN/G4/TG/P/26-27/087**

**[Implementing Agency: M/s Critical Mineral Trackers]**

- a. The proposed block, located in Survey of India Toposheet No. 65C/04, falls within the Peninsular Gneissic Complex-II and is predominantly composed of various granitic lithologies, including alkali feldspar granite, biotite granite, hornblende-biotite granite, leucogranite, and the north-south trending Chernawal outlier of the Pakhal sedimentaries.
- b. Geological Survey of India informed that more than 90% of the proposed area overlaps with its G4-stage exploration proposals for 2027-28, which are at an advanced stage of approval.
- c. The committee did not approve the proposal in view of comments received from GSI.

Sl. No.	Agency	Brief Comments
1	GSI	The proposed Mudigonda block is overlapping with two projects viz. 1. Lacchagudem Block and 2. Mudigonda block proposed for REE-RM by SU: Telangana for FS 2027-28. The above mentioned projects occupy most of the area in the proposed Mudigonda block.
2	MECL	The proposed block has no overlapping with the ongoing or completed projects of MECL.
3	AMD	The proposed block has no overlapping with the AMD's ongoing or completed projects.
4	State DMG/DGM/CGM	NA
5	NMEDT	Proposed Block overlaps with GSI 2026-27 M-I project. The proposed block do not overlap with NMEDT funded projects.

**Recommendations of TCC-1:**

*The Committee did not approve the proposal in view of the fact that more than 90% of the proposed area overlaps with two G4-stage exploration proposals of Geological Survey of India for 2027-28, which are at an advanced stage of approval.*

*The Committee advised the agency to await the outcome of the approval process and, if the GSI proposals are not approved, to resubmit the proposal for consideration.*

**Agenda 99.3.5. Reconnaissance Survey (G4 Stage) for REE, Nb, Ta, Ti and Zr in Syenites of Dancherla Block, Anantapur District, Andhra Pradesh. Proposal  
Proposal ID -ME/IN/G4/AP/P/26-27/098**

**[Implementing Agency: M/s Critical Mineral Trackers]**

- a. The proposed block falls within Survey of India Toposheet Nos. 57 E/8 and E/12.
- b. Earlier investigations by Geological Survey of India and Atomic Minerals Directorate for Exploration and Research (Field Seasons 2011-14) identified

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syenite bodies of the Dancherla Alkaline Complex emplaced within the Eastern Dharwar Craton, west and southwest of the Palaeoproterozoic Cuddapah Basin in Anantapur district, Andhra Pradesh.

- c. The proposed block comprises the Peninsular Gneissic Complex, represented by gneisses, alkali granites, quartz syenite, porphyritic syenite, and syenite pegmatite, intruded by dolerite dykes and traversed by pegmatite, quartz, fluorite, and epidote veins.
- d. The Dancherla syenite body, trending NNE–SSW, hosts quartz syenite and associated granitic rocks traversed by quartz and pegmatite veins. Heavy mineral studies identified fluorite, apatite, zircon, columbite-tantalite, monazite, allanite, and pyrochlore, indicating potential for Nb-REE-Zr mineralization.
- e. Geochemical studies reported LREE (126–595 ppm), Nb (79–110 ppm), Zr (237–650 ppm), Y (45–62 ppm), and HREE (13–42 ppm), while bulk soil samples showed encouraging Nb<sub>2</sub>O<sub>5</sub>, ZrO<sub>2</sub>, TiO<sub>2</sub>, Ce<sub>2</sub>O<sub>3</sub>, and Y<sub>2</sub>O<sub>3</sub> values, giving the prospectivity of the area.
- f. In view of the alkaline syenite–granite association, presence of REE- and Nb-bearing minerals, and moderate LREE values (126–517 ppm), the agency proposed a G4-stage investigation comprising large-scale geological mapping, sampling, pitting/trenching, and petrographic studies.
- g. The Committee reviewed the proposal and observed that both the REE analytical data generated by Geological Survey of India and the samples collected by the agency indicate very low tREE values. Accordingly, the Committee did not consider the proposal for approval.

Sl. No.	Agency	Brief Comments
1	GSI	No ongoing exploration work is being undertaken within the proposed block by GSI, the area may be considered feasible for further exploration.
2	MECL	The proposed block has no overlapping with the ongoing or completed projects of MECL.
3	AMD	AMD has carried out G3 stage of exploration for uranium in and around the proposed block. Grab samples (n=17) analysed up to 230 ppm eU3O8 from the area.
4	State DMG/DGM/CGM	The proposed Dancherla Block is partially overlapping with one block Proposed for FS 2025-26 by the GSI, for Specialized Thematic Mapping (STM) project.
5	NMEDT	Proposed Block overlaps with GSI 2026-27 RP item for Gold deposits. The proposed block do not overlap with NMEDT funded projects, however a some portion fall in Recorded Forest Area.

#### Recommendations of TCC-1:

***The Committee did not approve the proposal as the REE analytical data generated by Geological Survey of India as well as the samples collected by the agency from the proposed area indicated very low total REE (tREE) values.***

#### Agenda 99.3.6. Reconnaissance Survey for Iron ore in Sundar Semra Block

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**(G4 Stage), Singrauli District, Madhya Pradesh.**

**Proposal ID -ME/IN/G4/MP/P/26-27/091**

**[Implementing Agency: MMPL Pvt. Ltd.]**

- a. The proposed block, located in Survey of India Toposheet No. 63L/07, falls within the Mahakoshal Group and comprises volcano-sedimentary sequences of quartzite, metapelite, banded iron formation (BIF), tuffaceous phyllite, metabasalt, and associated alkaline-ultramafic intrusives, including carbonatite, nepheline syenite, and gabbroic-pyroxenite.
- b. The Committee observed that nearly 50% of the proposed area overlaps with the G4-stage gold exploration project of Geological Survey of India (FS 2024–25). It also noted the comments of Mineral Exploration and Consultancy Limited that about 60% of the proposed block overlaps with its ongoing and proposed exploration areas, while comments from the Directorate of Geology and Mining, Madhya Pradesh, are still awaited.
- c. The Committee advised the agency to verify and exclude the overlapping area, assess the geological potential of the non-overlapping portion, and submit a revised proposal for consideration.

Sl. No.	Agency	Brief Comments
1	GSI	The area proposed is situated within explored lithological set up having BIF and it is 50% overlapped with the GSI explored block but for different commodity that may be potential for taking up the exploration activities.
2	MECL	60% of the proposed block overlaps with MECL's ongoing and proposed exploration area, for which prior consent has already been submitted to the Directorate of Geology and Mining (DMG), Madhya Pradesh.
3	AMD	AMD has carried out reconnaissance exploration (G4 stage) for uranium in and around the proposed block. No significant radioactive anomalies were recorded.
4	State DMG/DGM/CGM	Awaited
5	NMEDT	Proposed Block overlaps with GSI 2026-27 Mission II RP item for Critical Mineral deposit. NMEDT funded block of MECL overlaps with the proposed block and the block falls in Recorded Forest Area.

**Recommendations of TCC-1:**

***The Committee did not approve the proposal in present form, in view of the overlap of the area with GSI and MECL.***

***The Committee advised the agency to verify and exclude the overlapping area, assess the geological potential of the non-overlapping portion, and submit a revised proposal for consideration.***

**Agenda 99.3.7. Reconnaissance Survey (G4) for Graphite and Vanadium in Bamanswal Area, Almora District, Uttarakhand.**

**Proposal ID -ME/IN/G4/UK/P/26-27/074**

**[Implementing Agency: Geovale Services Pvt. Ltd.]**

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- a. The proposed block falls within Survey of India Toposheet No. 53O/14.
- b. Metamorphosed black shales of the Almora Crystallines occur as graphitic horizons in the proposed area, where field investigations identified thick folded carbonaceous phyllite/schist horizons enriched in sulphide minerals.
- c. Anomalous tin and vanadium values have been reported from Geological Survey of India's NGCM data, indicating the potential for graphite–vanadium mineralization.
- d. The proposed block is adjacent to Geovale's ongoing graphite and vanadium exploration block in the Matena–Sirar area. It was informed that the adjoining GSI exploration block has been excluded and no other exploration project is currently ongoing in the proposed area.
- e. The Committee reviewed the proposal and observed that the northern part of the proposed block falls within a wildlife sanctuary and that a major portion of the area is under forest cover.
- f. The Committee advised the agency to revise the block by excluding the wildlife sanctuary area in the northern part and reorienting the block parallel to the trend of the host rock.
- g. Subject to the above modifications, the Committee accorded in-principle approval to the proposal.

Sl. No.	Agency	Brief Comments
1	GSI	The area has been assessed to be prospective for vanadium mineralization based on the analytical results and recommendations of the investigators.
2	MECL	The proposed block has no overlapping with the ongoing or completed projects of MECL.
3	AMD	The proposed block has no overlapping with the AMD's ongoing or completed projects.
4	State DMG/DGM/CGM	NA
5	NMEDT	Northern part of area falls under ESZ and wildlife sanctuary, however, proposed block do not overlap with NMEDT funded projects.

#### Recommendations of TCC-1:

The Committee accorded in-principle approval to the proposal and advised the agency to submit the DPR within three months, incorporating the suggestions made by the Committee.

#### **Agenda 99.3.8. Preliminary Exploration (G3) for Aluminiferous Laterite/ Bauxite in Perla Block, District: Kasaragod, Kerala Proposal ID- ME/IN/G3/KL/P/26-27/069**

**[Implementing Agency: M/s Unised Research Consultants Private Limited]**

- a. The proposed block, located in Survey of India Toposheet No. 48P/2, falls within the Coorg Block of the Southern Granulite Terrane and comprises Archean rocks of the Wayanad Supracrustal Complex, Peninsular Gneissic Complex, Charnockite, and Khondalite Group, intruded by granites and basic–acidic dykes.

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- b. Prolonged weathering and leaching of the Archean rocks have resulted in the development of thick laterite over the area, which is characterized by gently undulating terrain with elevations ranging from about 190 to 267 m above mean sea level.
- c. The committee observed that both GSI and DMG Kerala in their comments have stated that part of area has been handed over for auction. The DMG have further stated that DMG and Geological Survey of India, has already initiated communication and agreed to jointly undertake G-3 and G-2 stages of exploration in these blocks to ensure scientific assessment and optimal utilization of mineral resources. Hence, the proposed area is not available for allocation.
- d. The committee did not approve the proposal in view of comments received from GSI and State DMG.

Sl. No.	Agency	Brief Comments
1	GSI	Out of the 40 sq. km proposed for G3 exploration, 17.44 sq. km identified by GSI during G4 stage (FS 2020–21) has been handed over to the State Government for auction. Of the three blocks, G2 exploration has been completed in the Ukkinadka block by State DMG, while it has been initiated in the remaining two blocks.
2	MECL	The proposed block has no overlapping with the ongoing or completed projects of MECL.
3	AMD	The proposed block has no overlapping with the AMD's ongoing or completed projects.
4	State DMG/DGM/CGM	The Department of Mining & Geology, Government of Kerala, in coordination with the Geological Survey of India, has already initiated communication and agreed to jointly undertake G-3 and G-2 stages of exploration in these blocks to ensure scientific assessment and optimal utilization of mineral resources. Hence, the proposed area is not available for allocation.
5	NMEDT	Proposed block shows overlapping with ongoing project of TVM, aluminous laterite & associated critical minerals. One auctionable G4 GM block lies within the proposed block.

**Recommendations of TCC-1:**

*The Committee did not approve the proposal in view of the comments received from Geological Survey of India and the State Directorate of Geology and Mining.*

**99.4: Review of Ongoing Exploration Project & Timeline Extension**

**Agenda 99.4.1. Preliminary Exploration (G3) for Bauxite in Nittadgi Block, Uttara Kannada district, Karnataka**

**[Implementing Agency: PRB Infraprojects Pvt. Ltd.]**

- a. The committee was informed that the project was approved in the 39th EC Meeting held on 24th January, 2025. The Sanction Order was issued on 10th February, 2025 with timeline of 12 months (up to 09.02.2026) and approved cost was Rs.

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- 1,40,64,245/-. Further, timeline extension upto 31.03.2026 was approved in 5th meeting of PSC.
- b. During the 93rd, 94th, and 96th TCC meetings, the agency apprised the Committee that forest clearance had been denied by the PCCF as the project area falls within the Eco-Sensitive Zone (ESZ). Consequently, the project could not be executed further.
  - c. The agency presented all communications exchanged with the competent authorities, namely the Forest Department and DMG, in chronological order.
  - d. The Committee was informed that the agency had carried out a DGPS survey for demarcation of the project area prior to the submission of the forest clearance application.
  - e. The Committee, during the 96th TCC-I meeting, agreed to pre-close the project.
  - f. However, with regard to the reimbursement of expenditure incurred, the Committee advised the agency to submit an endorsement certificate from the State DGM certifying the quantum of work carried out.
  - g. The committee kept the revision of cost sheet in abeyance till State DGM certify the expenditure occurred on account of giving forest clearance and suggested that the matter will be discussed in upcoming TCC meeting.

**Recommendations of TCC-1:**

***The Committee kept the revision of the cost sheet in abeyance until the State DGM certifies the expenditure incurred towards obtaining forest clearance. The Committee further decided that the matter would be considered in a subsequent TCC meeting.***

**Agenda 99.4.2. Preliminary Exploration, G3 (Phase-I) For Ni, Co, PGE and associated minerals in J.C. Pura Mafic-Ultramafic Schist Belt near Rampura and Gollarahatti Block, Hassan District, Karnataka (Block area- 2 sq. km.)**

**[Implementing Agency: M/s GeoExpore Pvt. Ltd.]**

- a. The committee was informed that the project was approved in the 29th EC Meeting held on 31<sup>st</sup> March, 2023. The Sanction Order was issued on 17th April, 2023 with timeline of 10 months (up to 16.02.2024) and approved cost was INR 82,87,108/-.
- b. Timeline was extended upto 30.04.2026 and 30.06.2026 by PSC in its 8<sup>th</sup> and 9<sup>th</sup> meetings respectively.
- c. The agency informed that peer reviewer has been assigned and sought timeline extension for finalization and submission of GR.
- d. The committee agreed for timeline extension for submission of GR.

**Recommendations of TCC-1:**

***The committee recommended timeline extension upto 31st July, 2026 for approval of PSC of NMEDT. Timeline extension is recommended for submission of GR.***

**Agenda 99.4.3. Reconnaissance Survey (G-4) For Diamond in Part of a Palaeo-Channel in Krishna Basin Near Mangalagiri, Guntur Dist, Andhra Pradesh.**

**[Implementing Agency: M/s Geomarine Solutions Pvt. Ltd.]**





- a. The agency informed that the project was approved in the 38th EC Meeting held on 29th November, 2024. The Sanction Order was issued on 30th December, 2024 with timeline of 12 months (up to 29.12.2025) and approved cost was INR 2,06,54,529.17/-.
- b. The revised cost of Rs. 2,01,83,731.54/- was approved in 3<sup>rd</sup> meeting of PSC. Timeline was also extended upto 30.06.2026 during 3<sup>rd</sup> PSC meeting.
- c. The agency apprised the committee that all the approved quantum of projects has been achieved.
- d. The agency further informed that based on the geophysical survey, 19 potential gravel-bearing locations were identified and shortlisted for drilling. However, drilling was carried out at only 7 locations due to the allotted drilling meterage and landowner permission constraints.
- e. It was further informed that the exploration should target shallow gravel horizons and estimate the gravel resources. The agency also indicated the possibility of encountering microdiamonds within the gravel beds.
- f. The agency informed that Electron Probe Micro-Analyzer (EPMA) studies are required and requested the Committee's approval. It was further clarified that the studies would be carried out within the approved project cost and would not require any additional financial outlay.
- g. The agency further requested a two-month extension for completion of Electron Probe Micro-Analyzer (EPMA) studies and submission of the Geological Report.
- h. The Committee approved the conduct of Electron Probe Micro-Analyzer (EPMA) studies within the approved project cost and recommended an extension of the timeline up to 31.08.2026.

**Recommendations of TCC-1:**

***The committee recommended timeline extension upto 31st August, 2026 for approval of PSC of NMEDT. Timeline extension is recommended for submission of GR.***

***The committee also approved the conduct of Electron Probe Micro-Analyzer (EPMA) studies within the approved project cost.***

**Agenda 99.4.4. Majhingamali Bauxite Block, Dist-Rayagada & Kalahandi, Odisha (G3).**

**[Implementing Agency: OMC]**

- a. The committee was informed that the project was approved in the 11th EC Meeting held on 11th February, 2019.
- b. Timeline has been extended upto 30.06.2026 during 9<sup>th</sup> PSC for submission of GR.
- c. The agency could complete only mapping and some sampling. The work could not have progressed due to strong local agitation.
- d. PSC in its 9<sup>th</sup> meeting has approved pre-closure of the project.
- e. The agency has now requested downgrading of report from G3 to G4 stage.
- f. The committee instructed agency to submit report as G4 stage report.
- g. The committee suggested that cost revision may be done in upcoming TCC meeting along with final GR submission.

**Recommendations of TCC-1:**

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The committee recommended timeline extension upto 31st July, 2026 for approval of PSC of NMEDT. Timeline extension is recommended for submission of GR.

**Agenda 99.4.5. Keluamali Bauxite Block, Dist-Kalahandi, Odisha (G3).  
[Implementing Agency: OMC]**

- a. The committee was informed that the project was approved in the 11th EC Meeting held on 11th February, 2019.
- b. Timeline has been extended upto 30.06.2026 during 9th PSC for submission of GR.
- c. The agency could complete only mapping and some sampling. The work could not have progressed due to strong local agitation.
- d. PSC in its 9th meeting has approved pre-closure of the project.
- e. The agency has now requested downgrading of report from G3 to G4 stage.
- f. The committee instructed agency to submit report as G4 stage report.
- g. The committee suggested that cost revision may be done in upcoming TCC meeting along with final GR submission.

**Recommendations of TCC-1:**

The committee recommended timeline extension upto 31st July, 2026 for approval of PSC of NMEDT. Timeline extension is recommended for submission of GR.

**Agenda 99.4.6. (Addl. Agenda) Preliminary exploration (G-3) of Tungsten and Tin ore in Murara-Devendrapura Block, District-Niwari, Madhya Pradesh**

**[Implementing Agency: MECL]**

- a. MECL informed that the project was approved in the 36th EC Meeting held on 29<sup>th</sup> July 2024. The sanction order was issued on 29th August 2024 with timeline of 12 months (up to 28.08.2025) and approved cost was INR 3,08,80,588/-.
- b. The revision of cost of from INR 3,08,80,588/- to INR 3,05,61,175/- was approved during 1<sup>st</sup> meeting of PSC. Timeline of project was extended upto 31.01.2026 and 31.03.2026 by PSC in its 1<sup>st</sup> and 5<sup>th</sup> meetings respectively.
- c. The committee noted that agency did not get project reviewed after receiving the analytical results.
- d. The Committee also noted that the project had always been reviewed by TCC-II of NMEDT and observed that reviewing the project at such a late stage was not appropriate. Hence the agenda was deferred to TCC-II for further deliberations.

**Recommendations of TCC-1:**

The committee deferred the agenda to TCC-II for further deliberations.

**Agenda 99.4.7. (Addl. Agenda) Reconnaissance Survey (G-4) for Tungsten, REE and Associated minerals in and around Nellie Area (114.96 sq. km), Morigaon and West Karbi Anglong Districts, Assam**

**[Implementing Agency: MECL]**

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- a. MECL informed that the project was approved in the 37th EC Meeting held on 23rd September, 2024. The Sanction Order was issued on 22nd October, 2024 with timeline of 10 months (up to 21.08.2025) and approved cost was INR 2,64,31,489/-
- b. The cost of project was revised upto INR 1,40,72,144/- by PSC in its 4<sup>th</sup> meeting. Timeline of project was also extended upto 28.02.2026 and 30.06.2026 by PSC in its 3<sup>rd</sup> and 7<sup>th</sup> meetings respectively.
- c. MECL informed the Committee that the project had been delayed due to the time taken in obtaining forest clearance for exploratory drilling. The forest clearance was received on 10.06.2026, and the work order has since been issued to the outsourced drilling agency.
- d. In view of the onset of the monsoon season and the drilling activities being located within the forest area, MECL requested an extension of the project timeline by six months, up to 31.12.2026, for completion of drilling, analysis, and submission of the Geological Report (GR).
- e. The Committee expressed its displeasure over the delay in commencement of drilling and the consequent delay in project execution. The Committee instructed the agency to submit a letter to the NMEDT Secretariat explaining the reasons for the delay in obtaining forest clearance.
- f. The committee agreed for timeline extension upto 31.10.2026.

**Recommendations of TCC-1:**

***The committee recommended timeline extension upto 31st October, 2026 for approval of PSC of NMEDT. Timeline extension is recommended for submission of GR.***

**Agenda 99.4.8. (Addl. Agenda) Preliminary Exploration (G3) for REE Mineralization in Maravapaliyam Block, Tiruppur District, Tamil Nadu.**

**[Implementing Agency: MECL]**

- a. MECL informed that the project was approved in the 37th EC Meeting held on 23rd September, 2024. The Sanction Order was issued on 22nd October, 2024 with timeline of 12 months (up to 21.10.2025) and approved cost was INR 1,25,17,179/-
- b. The timeline was extended upto 21.04.2026 by PSC in its 3<sup>rd</sup> meeting.
- c. MECL informed the Committee that the exploration activities comprising detailed geological mapping (1:2000 scale) over an area of 2 sq. km, collection of 75 trench samples from 100 cu.m of trenching, 50 heavy mineral separation samples from 50 auger boreholes, and 60 core samples from 150 m of drilling has been completed.
- d. MECL further informed that during the 85th TCC meeting (December 2025), the Committee directed the agency to expedite the drilling programme with the support of the State DGM.
- e. The agency informed that the initial delay in exploration was due to difficulties in obtaining access to private lands and securing consent from landowners despite continuous follow-up with the District Administration and local revenue authorities.
- f. The agency further informed that the General Elections/Local Body Elections and the enforcement of the Model Code of Conduct also affected coordination with the district administration and delayed field activities.

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- g. The agency informed that drilling operations commenced in May 2026. As on date, 150 m of drilling has been completed, and the samples are under preparation for analysis.
- h. The agency further informed that NCEGR, Geological Survey of India, Bengaluru, has been identified for EPMA studies. However, initiation of the studies has been delayed due to issues related to advance payment through the Bharatkosh portal and will be taken up immediately after resolution of the payment issue.
- i. In view of the above, the agency requested an extension of the project timeline by five months, up to 30.09.2026, for completion of exploration activities, analytical studies, resource estimation, and submission of the final Geological Report.
- j. The Committee deliberated on the reasons for the delay in project execution and agreed to extend the project timeline up to 30.09.2026.

**Recommendations of TCC-1:**

***The committee recommended timeline extension upto 30.09.2026, for approval of PSC of NMEDT. Timeline extension is recommended for submission of GR.***

**Agenda 99.4.9. (Addl. Agenda) Preliminary exploration (G3) for Limestone in West of Yepalamadhavaram Block, Suryapet District, Telangana  
[Implementing Agency: MECL]**

- a. The committee was informed that the project was approved in the 1<sup>st</sup> PSC Meeting held on 9<sup>th</sup> October, 2025. The Sanction Order was issued on 10<sup>th</sup> November, 2025 with timeline of 8 months (up to 09.07.2026) and approved cost was INR 77,89,702/-.
- b. The agency apprised the committee that the Geological Report has been peer reviewed and all the comments and suggestions of peer reviewer has been duly complied with.
- c. The agency informed that an area of 4.15 sq. km is covered in area West of Yeapalamadhavaram Block and established resources of Cement Grade Limestone and Threshold Grade Limestone as per MEMC rules 2015 (Amended 2021).
- d. The Geological Gross in-situ Resources for Cement Grade and Threshold Grade Limestone is established as 492.00 and 17.93 million tonnes respectively.
- e. The peer reviewers' comments and their compliance by agency was discussed.
- f. The committee reviewed the work and agreed for submission of GR.

**Recommendations of TCC-1:**

***The committee agreed for submission of Geological Report (GR).***

**Agenda 99.4.10. (Addl. Agenda) Reconnaissance Survey (G4) for REE and Associated Minerals in Maddur area, Narayanpet District, Telangana  
[Implementing Agency: Critical Mineral Trackers]**

- a. Critical Mineral Trackers informed that the project was approved in the 43rd EC meeting held on 14th August, 2025. The Sanction Order was issued on 4<sup>th</sup>

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September, 2025 with timeline of 10 months (up to 03.07.2026) and approved cost was INR 1,31,12,292/-.

- b. The project was discussed in 97th TCC-I meeting, wherein the committee has recommended the pre-closure of the project without undertaking drilling owing to non-encouraging analytical values.
- c. The agency sought an extension of timeline for finalization and submission of GR.
- d. The committee agreed for timeline extension upto 31.07.2026.

**Recommendations of TCC-1:**

***The committee recommended timeline extension upto 31.07.2026, for approval of PSC of NMEDT. Timeline extension is recommended for submission of GR.***

**Agenda 99.4.11. (Addl. Agenda) Preliminary exploration (G3) for Iron ore and associated minerals in Amhawa Block, Sidhi District, Madhya Pradesh.**

**[Implementing Agency: MMPL Pvt. Ltd.]**

- a. MMPL informed that the project was approved in the 39th EC Meeting held on 24<sup>th</sup> January, 2025. The Sanction Order was issued on 10<sup>th</sup> February, 2025 with timeline of 12 months (up to 09.02.2026) and approved cost was INR 3,97,47,192/-. The revised cost of INR 4,08,65,366 /- was approved during 43rd EC meeting.
- b. Timeline of project was extended upto 30.06.2026 during 5<sup>th</sup> PSC meeting.
- c. The agency apprised the progress of work carried out and sought permission for drilling of 2<sup>nd</sup> level Borehole.
- d. The Committee advised the agency to present the analytical data and complete borehole details, based on which a decision regarding the second-level boreholes would be taken.
- e. The agency sought timeline extension for completion of work and submission of GR. The committee agreed for timeline extension.

**Recommendations of TCC-1:**

***The committee recommended timeline extension upto 31.10.2026, for approval of PSC of NMEDT. Timeline extension is recommended for completion of work and submission of GR.***

**99.5 Cost Evaluation of New Projects Proposals**

- a. Since no project was approved, cost evaluation was not done.

**99.6 (Addl. Agenda) Review of New Procurement Proposals**

**Agenda 99.6.1. Procurement of Drilling Equipment- Man Portable Diamond Core Drilling Rig- by Geological Survey of India under NMEDT (Proposal ID- PROC/GSI/WB/26-27/001)**

**[Implementing Agency: GSI]**

- a. Geological Survey of India informed that the requirement for portable core drilling machines was raised during the 2nd North-East Mining Ministers' Conference held in June 2025 at Guwahati to facilitate exploration in remote Himalayan terrains of

  
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- the North Eastern and Northern Regions, dense forest areas, and other locations with limited accessibility for personnel and machinery.
- b. The Engineering Division, CHQ, Kolkata, was accordingly instructed to explore the availability of such portable drilling units.
  - c. It was further informed that, with the expansion of mineral exploration activities into remote, forest, and hilly terrains, the need for man-portable drilling rigs has increased significantly. The induction of such rigs will substantially enhance Geological Survey of India's mineral exploration capabilities in remote and unexplored Himalayan terrains of the North Eastern and Northern Regions, as well as in the dense forest areas of the Eastern Region.
  - d. GSI informed that two man-portable diamond core drilling rigs are proposed to be procured—one for the North Eastern Region and the other for the Northern/Eastern Region.
  - e. Geological Survey of India informed that no additional manpower would be required, as the proposed man-portable drilling rigs are intended to replace the existing drilling fleet.
  - f. Geological Survey of India informed that man-portable drilling rigs are the only viable option for borehole locations with limited or no access. Their modular design enables easy dismantling, manual transportation to difficult terrains, and reassembly at site. These rigs are also well-suited for operations in forest areas, causing minimal disturbance to the surrounding environment.
  - g. The Committee reviewed the proposal and sought clarifications on the drilling capacity, daily drilling output, robustness, availability, and cost of the proposed man-portable drilling rigs.
  - h. Geological Survey of India informed that the rigs have a drilling capacity of up to 250 m, provide drilling output comparable to hydrostatic drilling rigs, and may involve a marginally higher procurement cost due to their modular hydrostatic design.
  - i. The Committee advised the agency to undertake a comprehensive market survey before procurement and to adhere strictly to the approved timeline.
  - j. After detailed deliberations, the Committee recommended the proposal as detailed in Table 1.

**Table 1: Detail break up of cost for procurement of Man Portable Diamond Core Drilling Rig**

Sl. No.	Details of the item	Qty.	Cost without GST (Rs. in lakhs)	GST (18%) (Rs. in lakhs)	Total Cost (Rs. in lakhs)
1	Man portable diamond core drilling rig	02	338.98	61.02	400.00
2	CAMC (1 <sup>st</sup> Year)	-	10.17	1.83	12.00
3	CAMC (2 <sup>nd</sup> Year)	-	10.17	1.83	12.00
4	CAMC (3 <sup>rd</sup> Year)	-	11.02	1.98	13.00
5	CAMC (4 <sup>th</sup> Year)	-	11.02	1.98	13.00

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<b>Total</b>	<b>450.00</b>
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**Recommendations of TCC-1:**

*The committee recommended the proposal titled “Procurement of Man Portable Diamond Core Drilling Rigs” for approval of PSC, NMEDT with an estimated cost of Rs. 450.00 lakh (including GST) within a timeline of 8 months.*

**Agenda 99.6.2. Procurement of Drilling Equipment- Crawler Mounted Hydrostatic Coring Drilling Rigs - by Geological Survey of India under NMEDT  
(Proposal ID- PROC/GSI/WB/26-27/003)**

**[Implementing Agency: GSI]**

- a. Geological Survey of India informed that the proposal is for procurement of three crawler-mounted hydrostatic drilling rigs (two 300 m rigs and one 600 m rig) for the Central Region, Nagpur, to replace three mechanical rigs that are over 25 years old.
- b. It was further informed that the drilling fleets in the Southern, Western, and Eastern Regions have already been replaced with crawler-mounted hydrostatic rigs, while the replacement of the Central Region fleet, proposed last year, could not be completed due to certain issues.
- c. It was further informed that most exploration projects in the Central Region, particularly in Chhattisgarh and Madhya Pradesh, are located in agricultural fields. The proposed crawler-mounted hydrostatic drilling rigs will facilitate easier movement of drilling fleets in such areas and expedite exploration drilling activities.
- d. It was informed that the proposed cost includes a one-year warranty with a dedicated operator, service engineer, and consumables, followed by four years of Comprehensive Annual Maintenance Contract (CAMC) with a dedicated service engineer and consumables.
- e. The committee reviewed the proposal and after detailed deliberations, the recommended the proposal as detailed in Table 2.

**Table 2: Detail break up of cost for procurement of Crawler Mounted Hydrostatic Coring Drilling Rigs**

Sl. No.	Details of the item	Qty.	Cost without GST (Rs. in lakhs)	GST (18%) (Rs. in lakhs)	Total Cost (Rs. in lakhs)
1	Crawler Mounted Hydrostatic Coring Drilling Rigs	03	387.00	69.66	456.66
2	CAMC (1 <sup>st</sup> Year)	-	23.00	4.14	27.14
3	CAMC (2 <sup>nd</sup> Year)	-	23.00	4.14	27.14
4	CAMC (3 <sup>rd</sup> Year)	-	27.00	4.86	31.86
5	CAMC (4 <sup>th</sup> Year)	-	27.00	4.86	31.86
<b>Total</b>					<b>574.66 (~575.00)</b>

*S. N. Das*  
28.08.26

*S. N. Das*  
28.08.26

**Recommendations of TCC-1:**

***The committee recommended the proposal titled “Procurement of Crawler Mounted Hydrostatic Coring Drilling Rigs” for approval of PSC, NMEDT with an estimated cost of Rs. 575.00 lakh (including GST) within a timeline of 6 months.***

**Agenda 99.6.3. Procurement of Drilling Equipment- Borehole Survey Tools -  
by Geological Survey of India under NMEDT  
(Proposal ID- PROC/GSI/WB/26-27/004)**

**[Implementing Agency: GSI]**

- a. Geological Survey of India informed that Borehole Survey Tools are used to accurately determine the inclination and azimuth of drilled boreholes.
- b. It was further informed that five Borehole Survey Tools had been procured earlier; however, with the expansion of exploration activities, the existing units are insufficient to meet field requirements. The need for additional tools was also raised by a stakeholder during the CGPB meeting in 2025.
- c. Geological Survey of India informed that the proposed procurement of nine Borehole Survey Tools will enable rapid and accurate determination of borehole inclination and azimuth, thereby improving the precision of drilling data.
- d. It was further informed that procurement of these nine Borehole Survey Tools will meet the increased field requirements arising from the expanded drilling programme.
- e. The Committee reviewed the proposal and sought clarification on the compatibility of the Borehole Survey Tools with the existing drilling fleets of Geological Survey of India.
- f. Geological Survey of India informed that the proposed Borehole Survey Tools are compatible with all types of drilling rigs currently in operation.
- g. The committee reviewed the proposal and after detailed deliberations, the recommended the proposal as detailed in Table 3.

**Table 3: Detail break up of cost for procurement of Borehole Survey Tools**

Sl. No.	Details of the item	Qty.	Cost without GST (Rs. in lakhs)	GST (18%) (Rs. in lakhs)	Total Cost (Rs. in lakhs)
1	Borehole survey tools with 01 year warranty and 01 year extended warranty	09	350.00	63.00	413.00
2	AMC (1 <sup>st</sup> Year)	-	20.00	3.60	23.60
3	AMC (2 <sup>nd</sup> Year)	-	20.00	3.60	23.60
4	AMC (3 <sup>rd</sup> Year)	-	20.00	3.60	23.60
5	AMC (4 <sup>th</sup> Year)	-	20.00	3.60	23.60
6	AMC (5 <sup>th</sup> Year)	-	20.00	3.60	23.60
				<b>Total</b>	<b>531.00</b>

*S. N. Das*  
28.08.26

*S. N. Das*  
28.08.26

**Recommendations of TCC-1:**

***The committee recommended the proposal titled “Procurement of Borehole Survey Tools” for approval of PSC, NMEDT with an estimated cost of Rs. 531.00 lakh (including GST) within a timeline of 10 months.***

*S. Nee*  
28.06.26

*S. Nee*  
28.06.26

## Annexure 1

**List of participants who attended the 99<sup>th</sup> Meeting of  
Technical-cum-cost Committee (TCC-I) of NMEDT held  
on 22<sup>nd</sup> and 24<sup>th</sup> June 2026 through video conferencing  
mode**

S.no	Name	Designation	Email ID	Contact No	Organization
1	Dr. S. Ravi	Dy. Director General, GSITI, Hyderabad	s.ravi1@gsi.gov.in	9441138834	Chairman, TCC-1
2	Shri. I.R. Kirmani	ADG (Retd.), GSI	irkirmani@yahoo.com	9414014723	Member TCC-1
3	Shri. K. Koteswara Rao	Dy. Director General (Retd.), GSI	kkrao1957@gmail.com	9000117969	Member TCC-1
4	Dr. S. K. Kulshrestha	DDG-RMH-III, NER, GSI, Shillong	s.kulshrestha@gsi.gov.in	9413330658	Member TCC-1
5	Shri A. R. Mukundhan	Regional Director, AMD, South Central Region	mukuagaram@rediffmail.com	6303606347	Member TCC-1
6	Dr. E.V.S.S.K. Babu	Scientist (G), NGRI	evsskbabu@ngri.res.in	9441535852	Member TCC-1
7	Sh. S K Adhikari	Chief Mining Geologist, IBM, Nagpur	skadhikari@ibm.gov.in	7588690545	Member TCC-1
8	Smt. Vandana	Cost Accounts Officer, RSAS, Bangalore, GSI	vandana@gsi.in	8660939235	Member TCC-1
9	Shri S Dhanendran	Director, GSITI & Member Secretary, TCC-I	s.dhanendran@gsi.gov.in	9944882204	Member TCC-1
10	Representatives from CHQ, GSI				
11	Representatives from BMRC Geomining Solutions Pvt. Ltd.				
12	Representatives from MMPL Pvt. Ltd.				
13	Representatives from M/s Vibrant Techno Lab Private Ltd.				
14	Representatives from M/s Unised Research Consultants Private Ltd				
15	Representatives from M/s Geo Exploration and Mining Solution				
16	Representatives from IMPCON				
17	Representatives from Gemcokati Exploration Pvt. Ltd.				
18	Representatives from FAGMIL				
19	Mining Associates Pvt. Ltd.				
20	Representatives from M/s GMMCO Technology Services Ltd.				
21	Representatives from Critical Mineral Trackers				
22	Representatives from Geovale Services Pvt. Ltd.				
23	Representatives from PRB InfraProjects Pvt. Ltd.				
24	Representatives from M/s GeoExpore Pvt. Ltd.				
25	Representatives from M/s Geomarine Services Pvt. Ltd.				
26	Representatives from OMC				
27	Representatives from MECL				
28	Representatives from DGM Rajasthan				
29	Representatives from DGM Karnataka				
30	Representatives from DGM Jharkhand				
31	Ms. Bishakha	Sr. Geologist	<a href="mailto:sr.geologist1-nmet@gov.in">sr.geologist1-nmet@gov.in</a>	8126541605	NMEDT
32	Smt. Palak Kapoor	Sr. Geologist	<a href="mailto:sr.geologist4-nmet@gov.in">sr.geologist4-nmet@gov.in</a>		NMEDT

*S. Rao*  
28.06.26

*S. Rao*  
28.06.26

S. Nees  
28.06.26

S. Nees  
28.06.26