

Ministry of Mines
National Mineral Exploration and Development Trust
Minutes of the 84th Technical-cum-Cost Committee-I (TCC-I) Meeting held on
13th and 14th November, 2025 through video conferencing

The 84th Meeting of the Technical-cum-Cost Committee-I (TCC-I) 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 13th and 14th November, 2025.

Members of TCC-1, NMEDT and representatives from-GSI, DGM Chhattisgarh, CGM Gujarat, DGM Kerala, DMG Goa, FAGMIL, IBM, Envirogreen Consultants (India) Private Limited, S and S Geological Consultant, Ocean Drilling, Mining Associates Pvt. Ltd., KIOCL, Critical Mineral Trackers, Geomarine Solutions Pvt. Ltd., GeoExpOre Pvt. Ltd. and Bhushilp Mines and Minerals Pvt Ltd. have attended the meeting through their respective VC modes.

The list of participants is enclosed in Annexure-2.

Shri C. Parthasarathi, Director, GSI and Member Secretary, TCC-1, NMEDT, welcomed Dr. S. Ravi, Dy. DG, 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 84.1: Project Evaluation for In-Principle Approval

Agenda 84.1.1 Preliminary Survey (G3) for Copper (Cu) & associated minerals in Kun Block of Udaipur District, Rajasthan
[Implementing Agency: Envirogreen Consultants (India) Private Limited]

- a. The proposed block falls in Survey of India TS No. 45L/03 and exposes Archean rocks of the Bhilwara Supergroup, which has been classified into the Mangalwar Complex and the Sandmata Complex.
- b. The area proposed by Envirogreen Pvt. Ltd. is based on the work carried out by GSI at the G4 stage during FS 2022–23. The proposed area overlaps with the GSI block explored at same stage (G3) for same commodity during Fs 2024-25, and therefore the agency was advised to modify the block boundary with supporting evidence of mineralization.
- c. The proposed area also overlaps with the block submitted by GeoExpOre Ltd.
- d. Since the block proposed by Envirogreen Pvt. Ltd. overlaps with both the GSI-explored block and the GeoExpOre Ltd. submission, the committee advised Envirogreen Pvt. Ltd. to revise the proposed block boundary. The committee also requested NMEDT to determine which agency submitted its proposal first for further consideration.

| Sl. No. | Agency | Brief Comments |
|---------|--------|--|
| 1. | GSI | The area has potential for copper and associated mineralization. The proposed G3 stage block by NPEA agency is based on mineralisation in Bera Ka sotha and Melon Ka Gura, but it is showing overlapping with the already covered GSI block (Gundla ki Bhagal G3 block, FS |

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| | | 2024-25) in same stage of exploration, thus area may be reconsidered by the NPEA. |
| 2. | MECL | As per the given data by the NPEA, MECL had not carried out exploration in the given area. |
| 3. | AMD | NA |
| 4. | State DMG/DGM/CGM | This proposal area conflicts with 04 mining leases for mineral Felspar, Granite, Quartz, Masonary stone, Quartzite. No other litigation conflict with the area. This proposal area overlaps with the area proposed for exploration by NPEA M/s GeoExpOre Pvt Ltd. exploration proposal dated 03.10.2025. |

Recommendations of TCC-I:

The committee did not recommend the proposal.

**Agenda 84.1.2 Preliminary Exploration (G3) for Vanadium Barium and associated minerals in Chaurakot Area of Champawat District, Uttarakhand
[Implementing Agency: S and S Geological Consultant (SSGC)]**

- The proposed block falls in Survey of India TS No. 53O/15 and exposes rocks of Gumalikhhet Formation.
- The block proposed by SSGC is derived from the area explored by GSI under the G4 stage (FS 2022-23). On the eastern side of the proposed block, there is an ongoing G3 stage project of GSI for same commodity and further two G3 blocks identified by GSI for further exploration (FS 2026-27). However, no overlapping was there.
- Since the block proposed by the agency is based on GSI's reconnaissance work, the committee advised the agency to overlay the GSI LSM block and clearly identify the proposed block within the LSM area, along with supporting values and justification. The agency must also demonstrate the potential band (graphite schist with V values) on the LSM map and resubmit the proposal for review.
- Meanwhile, it was learned that the same area has also been proposed by Ocean Drilling Exploration (NPEA) for exploration. This proposal has already been reviewed by TCC-2 of NMEDT and is currently pending approval of the PSC.
- In view of this overlap, the item is not recommended, and NMEDT is advised to take a decision regarding the proposals.

| Sl. No. | Agency | Brief Comments |
|---------|-------------------|---|
| 1. | GSI | At present, there is no exploration project under progress in the proposed block. |
| 2. | MECL | As per the given data by the NPEA, MECL does not have any overlap with any ongoing or completed projects. |
| 3. | AMD | NA |
| 4. | State DMG/DGM/CGM | There is no ongoing or past exploration done in the area. No mining lease is there in the proposed area. |

Recommendations of TCC-I:

The committee did not recommend the proposal.

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Agenda 84.1.3 Reconnaissance Survey (G4) for Barytes in Chinnakudala Area of Kadapa District, Andhra Pradesh
[Implementing Agency: S and S Geological Consultant (SSGC)]

- The proposed block falls in Survey of India TS No. 57J/3.
- The SSGC-proposed block has 95% overlap with the GSI exploration block of FS 2024–25, for which the report is still awaited.
- The block also overlaps with several ML blocks.
- The proposal is not recommended, and the agency is advised to wait for the GSI report.
- If the G4-stage work of GSI identifies any positive areas for further exploration, the agency may incorporate those results and resubmit the proposal for further stage of exploration for review.

| Sl. No. | Agency | Brief Comments |
|---------|-------------------|--|
| 1. | GSI | 95% of the proposed NPEA area is overlapping with the G4 exploration block done by GSI during FS 2024-25. During the work, associated mineralisation was also investigated. Therefore, further exploration in the proposed block on G4 stage is not recommended. |
| 2. | MECL | As per the given data by the NPEA, MECL does not have any overlap with any ongoing or completed projects. |
| 3. | AMD | NA |
| 4. | State DMG/DGM/CGM | There is no ongoing exploration done in the area. 1 existing lease for barite is present in the proposed area. |

Recommendations of TCC-I:

The committee did not recommend the proposal.

Agenda 84.1.4 Reconnaissance Survey (G4) for Barytes in Gutibayalu Area of Sri Satya Sai District, Andhra Pradesh
[Implementing Agency: S and S Geological Consultant (SSGC)]

- The proposed block falls in Survey of India TS No. 57J/8 and mainly exposes granitic rocks belonging to Peninsular Gneissic Complex.
- The block overlaps with the RMT project area proposed by GSI for FS 2026–27.
- As the proposed G4 investigation area is small (15 sq. km), the committee reviewed the item.
- The agency stated that the proposal is based on a few old workings (pits) and scanty barite exposures within the block.
- Since the agency could not provide analytical values, they were advised to resubmit the proposal with analytical data plotted on the geological map of the area.
- The item is not recommended.

| Sl. No. | Agency | Brief Comments |
|---------|--------|--|
| 1. | GSI | 80% of the proposed NPEA area is overlapping with approved RMT item (FSP ID M2AMPI-RP/NC/SR/SU-AP/2026/201746) for FS: 2026-27. Therefore, the proposed block for G4 stage exploration is not recommended. |
| 2. | MECL | As per the given data by the NPEA, MECL does not have any overlap with any ongoing or completed projects. |
| 3. | AMD | NA |

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| 4. | State DMG/DGM/CGM | GSI's Geologist has collected the quartz samples for field investigation in the quarry leases which are falling in the Baryte blocks proposed. |
|----|-------------------|--|

Recommendations of TCC-I:

The committee did not recommend the proposal.

Agenda 84.1.5 Preliminary exploration for Graphite and associated minerals in Ankali East Block, Dahod district, Gujarat.

[Implementing Agency: Ocean Drilling]

- GeoExpOre informed the committee that the same proposal was submitted by them to NMET for in-principle approval in December 2024.
- Due to the complexities, the committee advised NMEDT to clarify the submission dates and resolve the issue.
- NMEDT informed the committee that GeoExpOre has submitted the proposal for in-principle approval in the month of December, 2024, which was in-principally approved by 40th EC during February, 2025. In the month of February, 2025 MECL also sent their kml file to CGM Gujarat for overlapping issue.
- During March, 2025 CGM clarified the areas given to MECL and GeoExpOre and informed that there is no overlapping issue.
- In March, 2025 the accreditation of GeoExpOre expired and proposal was kept in abeyance.
- In September, 2025 the agency again submitted the proposal for in-principle approval. The agency is re-notified.
- CGM Gujarat has also confirmed that the area is notified to GeoExpOre by CGM, Gujarat.
- After all the information, the committee suggested that the DPR may be submitted for review in next TCC by GeoExpOre Pvt. Ltd.

Recommendations of TCC-I:

The committee suggested GeoExpOre Pvt. Ltd. to submit DPR in upcoming TCC meeting.

Agenda 84.1.6 Prospecting for Gold at Rajsol Block, Bankura District, West Bengal.

[Implementing Agency: Mining Associates Pvt. Ltd.]

- The committee deferred the review of the proposal as the DGM's comments were awaited at the time of the meeting.

Recommendations of TCC-1:

The committee deferred the review of proposal.

Agenda 84.2: Review of Ongoing Procurement Projects/ Special Studies

Agenda 84.2.1 Undertaking of Geo-chemical Analysis of mine samples by IBM through NMET fund.

[Implementing Agency: IBM]

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- a. IBM informed that the project was ratified in the 42nd EC Meeting held on 2nd June, 2025. The Sanction Order was issued on 9th May, 2025 with timeline of 6 months (up to 08.11.2025) and approved cost was INR 1280.50 Lakhs.
- b. Upon review, IBM informed that during field sampling, a total of 2,383 samples were collected from mines, processing plants, smelters, and refineries across various locations. Of these, 450 samples were analyzed at the in-house MPD Laboratory of IBM.
- c. It was also informed that as of now, 2,372 samples have been analyzed for major, trace, critical, strategic, and rare earth elements (REEs), and 1,724 samples for gold (Au) and platinum group elements (PGEs). The remaining 6 samples (for major/trace/critical/strategic/REE elements) and 626 samples (for Au and PGEs) are under progress.
- d. IBM also informed that the results of all samples are expected to be received by 30th November 2025, and preparation of draft report is under progress. The report will compile analytical data, interpret trends, and summarize findings for all the surveyed locations.
- e. IBM requested an extension of the timeline up to 15th December 2025 to complete the sample analysis, collate data, and prepare the final report.
- f. The committee accepted the request and recommended extending the timeline up to 15th December 2025 to accomplish all the targets.

Recommendations of TCC-I:

The committee approved timeline extension of 1.5 months, upto 15.12.2025 for completion of project and submission of report.

84.3 Review of Ongoing Projects/ Timeline Extension

Agenda 84.3.1 National Geophysical Mapping Programme (NGPM) through outsourcing mode in identified area covered under 2099 no. of toposheets.

[Implementing Agency: GSI]

- a. GSI informed that the project was taken up for acceleration of baseline gravity and magnetic data generation as per SOP and delineation of potential mineral exploration areas in 2099 toposheets, covering about 13.5 lakh km².
- b. The project was initially sanctioned up to 07.09.2024; later extended by the 40th EC up to 07.09.2026.
- c. GSI also apprised the committee that maximum of about 70% (1472 toposheets) will be outsourced through open tender (private agencies) and nomination (Govt/PSUs), with remaining sheets to be executed in-house.
- d. Upto November, 2025, out of 2,099 identified toposheets for outsourcing, 1,030 sheets (~6.46 lakh km²) have been outsourced under 32 contracts (~Rs. 113.43 Cr), and data acquisition has been completed for 556 sheets (~3.53 lakh km²), including 267 sheets from 9 completed projects.
- e. As of FS 2025-26, 487 toposheets were completed in-house, 119 proposed for FS 2026-27; 2 sheets in Sundarbans are inaccessible. 442 sheets are pending outsourcing (243 under tendering, 199 pending).
- f. 243 toposheets (~Rs. 20.68 Cr) are under tendering, and 199 sheets (~Rs. 22.63 Cr) are at proposal/nomination stage.
- g. The agency sought a further extension of 7 months for completion of project.

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- h. The committee reviewed the progress and opined that the extension period is still active, but as per GSI's submission it needs further extension for completion of both outsourced and in-house components till the end of FY 2026-27.
- i. GSI was advised to prepare a perspective plan for completion of the project and submit the same to NMEDT at the earliest.
- j. **Keeping in view the above, the committee agreed to recommend time extension for the project upto 31st March 2027**

Recommendations of TCC-I:

The committee recommended timeline extension of 7 months upto 31st March 2027 for approval of PSC, NMEDT for completion of the project.

Agenda 84.3.2 Preliminary Exploration (G-3) for Graphite in Arasanur East block, Sivaganga district, Tamil Nadu

[Implementing Agency: KIOCL]

- a. KIOCL informed that the project was approved in the 35th EC Meeting held on 16th May, 2024. The Sanction Order was issued on 10th June, 2024 with timeline of 12 months (up to 09.06.2025) and approved cost was INR 346.19 Lakhs. Timeline extension upto 31.12.2025 was approved in 43rd EC meeting.
- b. The committee reviewed the progress of project and found that all field investigations for the item have been completed. The agency reported that graphite mineralization in the Arasanur block is lensoid in nature and has been established up to a vertical depth of 30 m.
- c. Three boreholes drilled to a vertical depth of 60 m did not intersect mineralization, indicating limited depth continuity.
- d. Laboratory studies, including petrology and petrochemistry, are yet to be completed.
- e. Resource estimation has been carried out at a 2% fixed carbon (FC) cut-off and 2 m stoping thickness.
- f. Upon review, the agency was advised to, recalculate specific gravity/bulk density for zones of lower grade, correlate the lodes with those in the ongoing TAMIN mines in the vicinity, and estimate resources at a 5% FC cut-off with 2 m stoping thickness.
- g. The committee agreed upon submission of GR for peer review after attending the suggested corrections and completing remaining tasks.

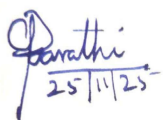
Recommendations of TCC-I:

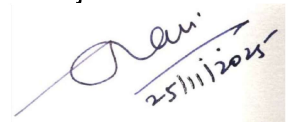
The committee recommended the submission of GR for peer review after attending the suggested corrections and completing remaining tasks.

Agenda 84.3.3 Reconnaissance Survey (G4 Stage) for Iron ore in Yaparlapadu - Dhone Area, Kurnool & Nandyal Districts, Andhra Pradesh

[Implementing Agency: Critical Mineral Trackers]

- a. CMT informed that the project was approved in the 42nd EC Meeting held on 2nd June, 2025. The Sanction Order was issued on 1st July 2025 with timeline of 10 months (up to 30.04.2026) and approved cost was INR 152.82 Lakhs.
- b. The agency presented the progress of work and apprised the committee that 133 sq. km of LSM on 1:12500 scale has been completed and 46 BRS collected. The major rock


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types identified in the block include ferruginous sandstone, fault breccia, and conglomerate.

- c. Mineralization is observed in the form of goethite.
- d. Upon review, the committee noted that the Fe content in the area is encouraging and advised the agency to delineate the mineralized zone through systematic channel sampling and trenching.
- e. Based on the delineation results, drilling may be approved in the subsequent TCC, NMEDT review meeting. All work is to be completed within the approved timeline.

Recommendations of TCC-I:

The committee advised the agency to delineate the mineralized zone through systematic channel sampling and trenching. All work is to be completed within the approved timeline.

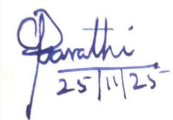
Agenda 84.3.4 Preliminary Exploration for Aluminous Laterite and Associated Critical Elements (V, Ga, & REE) in Mundalli Block, Uttara Kannada District, Karnataka

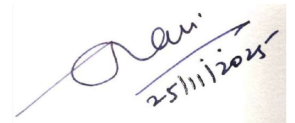
[Implementing Agency: Geomarine Solutions]

- a. GeoMarine Solutions Pvt. Ltd. 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 10 months (up to 29.10.2025) and approved cost was INR 90,92,156/-.
- b. The agency informed that all project activities have been completed, and the final report has been uploaded on the NGDR portal. The agency further stated that hard copies of the report for NMEDT, GSI, and the State Government will be dispatched shortly.
- c. During the meeting, the agency sought approval for the lower core recovery observed in the block (approximately 70%).
- d. Upon review, it was noted that the rock type in the area is inherently unsuitable for achieving high core recovery, and RC drilling was not adopted as it is not approved by NMEDT.
- e. Since the lower core recovery in the ore zones has a significant impact on final resource estimation, the agency reported that the resource estimate has been reduced by up to 35% for this reason.
- f. The agency also stated that they will be able to justify the recovery if required during the auction process.
- g. After detailed examination, the committee advised the agency to incorporate all observations in the report, and recommended that NMEDT issue a certificate regarding the core recovery.

Recommendations of TCC-I:

The committee advised the agency to submit the details to NMEDT and NMEDT is advised to issue a certificate regarding the core recovery.


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Agenda 84.3.5 Preliminary Exploration (G3) of Bauxite in Barpat Block. Tehsil: Kusmi, Distt. Balrampur-Ramanujan, Chhattisgarh
[Implementing Agency: DGM Chhattisgarh]

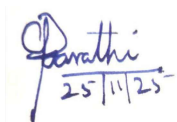
- a. DGM Chhattisgarh informed that the project was approved in the 38th EC Meeting held on 29th November, 2024. The Sanction Order was issued on 13th December, 2024 with timeline of 12 months (up to 12.12.2025) and approved cost was INR 136.83 lakh/-
- b. The agency apprised the committee of the progress of work, informing that 1.10 sq. km out of the 2.43 sq. km area has been mapped at 1:4000 scale, and 165.80 m of drilling has been completed against the 700 m drilling target.
- c. Al₂O₃ and Vanadium values are noticed ranging from 23.74 to 58.75% and 0.1530 to 0.3520% respectively in BRS. Encouraging values of Al₂O₃ and V is also reported from borehole samples.
- d. The agency further informed that the work could not be completed due to intense local agitation, and negotiations are currently underway to address public concerns and facilitate continuation of the project.
- e. The agency sought timeline extension up to 31.07.2026 to accomplish all the target and submission of report.
- f. Although the timeline extension requested is considerably long, the committee, upon review, noted that the Al₂O₃ and V values demonstrated by the agency are significant, and therefore the project must be completed without fail.
- g. Accordingly, DGM, Chhattisgarh was advised to submit a detailed month-wise work plan covering trenching, drilling, and report submission to NMEDT.
- h. Based on this assurance from DGM, Chhattisgarh, the committee will consider recommending the required timeline extension in the next meeting.

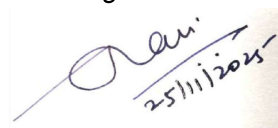
Recommendations of TCC-1:

The committee advised the agency to submit a detailed month-wise work plan covering trenching, drilling, and report submission to NMEDT and come in upcoming TCC meeting for timeline extension.

Agenda 84.3.6 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: GeoExpOre Pvt. Ltd.]

- a. GeoExpOre informed that the project was approved in the 29th EC Meeting held on 31st March, 2023. The Sanction Order was issued on 17th April, 2023 with timeline of 10 months (i.e up to 16.02.2024) and approved cost was INR 82,87,108/- (Rupees Eighty-Two Lakhs Eighty-Seven Thousand One Hundred Eight only). Timeline extension was given upto 31.05.2024 during 35th EC meeting.
- b. The committee was apprised that the project was reviewed during 82nd TCC meeting of TCC-I and TCC has recommended surrender of project and cost revision.
- c. Since, the re-notification of agency was due at that time, the recommendation was kept on hold.
- d. The committee approved the same recommendation made during 82nd TCC-I meeting.


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Recommendations of TCC-I:

The committee recommended the surrender of project for approval of Project Sanctioning Committee (PSC) of NMEDT, subject to submission of a detailed documentation outlining the outcomes and follow-up actions of meetings with local authorities. The item is recommended to PSC for ratification of cost from Rs. 82.87 lakh to Rs. 18.98 lakh with a change in amount of (-) Rs 63.89 lakhs (~77.10 % de-escalation) as per Annexure-1.

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| Revised cost-sheet for “Preliminary Exploration (G3) for Ni,Co, PGE and REE /Associated Minerals in J.C. Pura Schist Belt Near Rampura Gollarahatti Block, Hassan District, Karnataka (2 Sq.Km)” | | | | | | | | | | Annexure-1 |
|--|---|-------------|-------------------------------|------------------|-------------------------------|-------------|-----|----------------------|--|------------|
| S. No. | Item of Work | Unit | Rates as per NMET SoC 2020-21 | | Approved Cost of the Proposal | | | Amount to be claimed | | Remarks |
| | | | SoC-Item -SI No. | Rates as per SoC | Qty. | Amount (Rs) | Qty | Revised cost | | |
| | | | | | | | | | | |
| A | GEOLOGICAL WORK | | | | | | | | | |
| i | Geologist Party Days (HQ) | Days | 1.3 | 9000 | 60 | 5,40,000 | 12 | 1,08,000 | | |
| ii | Geologist Party Days (2) (Field) | Days | 1.3 | 11000 | 120 | 13,20,000 | 20 | 2,20,000 | | |
| iii | Labour Days (2) Field | Days | 5.7 | 477 | 240 | 1,14,480 | 40 | 19,080 | | |
| iv | Sampler Party Days | Days | 1.5.2 | 5100 | 20 | 1,02,000 | 2 | 10,200 | | |
| v | Labour Sampling | Days | 5.7 | 477 | 80 | 38,160 | 8 | 3,816 | | |
| vi | Survey Party Days (1 Party) | Days | 1.6.1a | 8300 | 15 | 1,24,500 | 10 | 83,000 | | |
| vii | Labour for Survey party | Days | 5.7 | 477 | 60 | 28,620 | 40 | 19,080 | | |
| | Sub Total- A | | | | | 22,67,760 | | 4,63,176 | | |
| B | GEOPHYSICAL INVESTIGATION | | | | | | | | | |
| i | Geophysical Investigation- Gravity 2 Profiles Spacing 100 meters -10 stations on each profile (10X20=200) | Per Station | 3.1a | 3800 | 200 | 7,60,000 | 200 | 7,60,000 | | |
| | Sub Total- B | | | | | 7,60,000 | | 7,60,000 | | |
| C | PITTING / TRENCHING | | | | | | | | | |
| | Pitting/Trenching | Per Cu.m | 2.1.2 | 3800 | 150 | 5,70,000 | - | - | | |
| | Sub Total- C | | | | | 5,70,000 | - | - | | |
| D | CHEMICAL ANALYSIS | | | | | | | | | |

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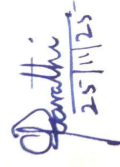
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|----------|--|-------------|-------------|--------|-----|------------------|----|------------------|---|
| i | Chemicals Analysis - Geochemicals, BRS, Trench /Pit for Ni, Cr,Cu, PGE (Ni-Fire Assay) | Per Sample | 4.1.5d | 11800 | 200 | 23,60,000 | 15 | 1,77,000 | |
| ii | Check Samples- Ni,Cr, Cu,PGE, Au(15%) Ni-Fire assay | Per Sample | 4.1.5d | 11800 | 30 | 3,54,000 | - | - | |
| iii | Preparation of thin sections | Per Sample | 4.3.1 | 2353 | 10 | 23,530 | - | - | |
| iv | Complete petrographic /ore microscopic study/Mineragraphic studies | Per Sample | 4.3.4 | 4232 | 10 | 42,320 | - | - | |
| v | Preparation of Polished Sections | Per Sample | 4.3.2 | 1549 | 10 | 15,490 | - | - | |
| vi | EPMA Studies | Per Hour | 4.4.1 | 8540 | 10 | 85,400 | - | - | |
| vii | Whole Rock Analysis | Nos | 4.1.15a & b | 7568 | 10 | 75,680 | - | - | |
| | Sub Total- D | | | | | 29,56,420 | | 1,77,000 | |
| | Sub Total (A+B+C+D) | | | | | | | 14,00,176 | |
| E | PREPARATION OF EXPLORATION PROPOSAL | Per Project | 5.1 | 131084 | 1 | 1,31,084 | 1 | 28,004 | |
| | Sub Total- E | | | | | 1,31,084 | | 28,004 | 2% of Approved cost or 5 lakhs, whichever is lower |
| F | PEER REVIEW | As per EC | - | 10000 | 1 | 10,000 | | 30,000 | |
| | Sub Total- F | | | | | 10,000 | | 30,000 | * |
| G | GEOLOGICAL REPORT PREPARATION 5 HARD COPIES + 2 SOFTCOPY (@5%) | Per Project | 5.2 | 327709 | 1 | 3,27,709 | | 1,50,000 | For project with cost up to 50 lakhs, minimum of Rs. 1.5 lakhs or 5% of work, whichever is more |
| | Sub Total- G | | | | | 3,27,709 | | 1,50,000 | |
| H | Total Estimated Cost without GST(A+B+C+D+E+F+G) | | | | | 70,22,973 | | 16,08,180 | |
| I | Provision for GST (18%) | | | | | 12,64,135 | | 2,89,472 | |

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| J | Total Estimated Cost with GST | 82,87,108 | 18,97,652 | De-escalation amount is Rs. 63,89,456/- |
|--------------|---|-----------|-----------|--|
| | Rs. (in lakhs) | 82.87 | 18.98 | De-escalation amount: Rs. 63.89 Lakhs (~ - 77.10%) |
| Note: | | | | |
| 1 | Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21. | | | |
| 2 | In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement. | | | |
| 3 | If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMEDT SoC and Item no. 6 of NMEDT SoC. In case of execution of the project by NEA on its own, a Certificate regarding non outsourcing of any component/project is required. | | | |
| 4 | Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities. | | | |
| 5 | Any item of work not mentioned above shall be added as per SoC. | | | |
| 6 | All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency | | | |



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84.4 Technical Evaluation of New Project Proposals

Agenda 84.4.1 Reconnaissance Survey (G4) for Vanadium-REE mineralization in Mungeriya, Barmer District, Rajasthan

[Implementing Agency: FAGMIL]

- The proposed block area partly falls under Survey of India Toposheet numbers 40J/16 & 40N/04.
- The rock units of the area comprise the Malani Suite of igneous rocks along with arenaceous and calcareous sediments belonging to the Lathi, Fatehgarh, Akli, and Mandai formations.
- The proposed area covers 128 sq. km. NGCM work in the region indicates maximum values of REEs as 786 ppm in stream sediments.
- The agency informed the committee that outcrops of anorthosite and pyroxenites are scanty, as the area is largely covered by thick alluvium.
- The agency presented chemical analyses from five samples collected from anorthosite, showing V_2O_5 values ranging from 570 to 708 ppm.
- Upon review, the committee observed that the values demonstrated by the agency, as well as those indicated in the NGCM data of GSI, are not encouraging for the proposed exploration strategy involving mapping and drilling.
- The agency was advised to revisit the area, refine their observations, and resubmit the proposal with stronger substantiation for further review.

| Sl. No. | Agency | Brief Comments |
|---------|-------------------|---|
| 1. | GSI | No overlapping. The agency proposed the block based on REE results from geochemical sampling conducted by GSI under the NGCM program. However, the NGCM baseline data indicate vanadium values are ranging from 49 ppm to 206 ppm and REE values are ranging from 111.6 ppm to 786.4 ppm in toposheet no 40O/04, which are not considered significant |
| 2. | MECL | As per the given data by the NEA, MECL had not carried out exploration in the given area. |
| 3. | AMD | No overlapping |
| 4. | State DMG/DGM/CGM | No overlapping. 29 held mining leases and 01 Letter of Intent of minor mineral covering an area of 67.25 hectares are falling within this proposal area. No other litigation conflicts with this proposal area. |

Recommendations of TCC-I:

The committee did not approve the proposal.

Agenda 84.4.2 Preliminary Exploration (G3) for Bauxite and associated Critical Mineral Around Somlewadi Block, Sindhudurg District, Maharashtra

[Implementing Agency: Bhushilp Mines and Minerals Pvt Ltd.]

- The proposal was in-principally approved during 81st TCC-I meeting.
- However, NMEDT secretariat informed that after going through the updated database of NMEDT, it was found that the area is overlapping with an already sanctioned project of NPEA Geomarine Solutions Ltd.

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Recommendations of TCC-I:

The committee did not recommend the proposal.

Agenda 84.4.3 Proposal for Preliminary Exploration (G3) for Bauxite and associated Critical Mineral Around North of Pendhri Block, Sindhudurg District, Maharashtra

[Implementing Agency: Bhushilp Mines and Minerals Pvt Ltd.]

- The proposal was in-principally approved during 81st TCC-I meeting.
- However, NMEDT secretariat informed that after going through the updated database of NMEDT, it was found that the area is overlapping with an already sanctioned project of NPEA Geomarine Solutions Ltd.

Recommendations of TCC-I:

The committee did not recommend the proposal.

Agenda 84.4.4 Proposal for Preliminary Exploration (G3) for bauxite and associated critical mineral around Jharkarwadi Block, Sindhudurg district, Maharashtra

[Implementing Agency: Bhushilp Mines and Minerals Pvt Ltd.]

- The project was approved in –principle.
- Considering the shortage of man power with the agency, the committee did not review the project.

Recommendations of TCC-I:

The committee did not review the proposal.

Agenda 84.4.5 Reconnaissance survey (G4) for Critical and strategic minerals around Vasva & Sukhet River basin area, Dahod & Chhota Udepur districts, Gujarat State

[Implementing Agency: CGM Gujarat]

- The proposed block falls in Survey of India TS No. 46F/14, 46F/15, 46J/2, 46J/3. Rocks of the study area mainly belong to the Precambrian consisting of granitic- and pelitic - gneissic rocks, phyllite, quartzite and dolomitic limestone/ calc-silicate rocks and the intrusive granites.
- MECL informed that a part of the proposed area has already been allocated to MECL for exploration by CGM Gujarat, and part of the proposed falls within Ratanmahal Wildlife Sanctuary.
- On reviewing the comments from agencies, it was observed that maximum area has been already covered by GSI on G4 level. CGM, Gujarat is suggested to analyse the G4 work of GSI and workout if there is possibility of upgrading the area under G3 level.

| Sl. No. | Agency | Brief Comments |
|---------|-------------------|--|
| 1. | GSI | No overlapping. Based on the past baseline data the proposed area may be feasible for taking up critical and strategic mineral exploration. |
| 2. | MECL | Proposed block is in overlap with Godhra Granite Block- Zoz Village (N) Allotted to MECL by CGM Gujarat itself and is partly covered by Ratanmahal Wildlife Sanctuary. |
| 3. | AMD | No overlapping |
| 4. | State DMG/DGM/CGM | NA |

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Recommendations of TCC-I:

The committee did not approve the proposal and advised the agency to analyse the G4 work of GSI and workout if there is possibility of upgrading the area under G3 level.

Agenda 84.4.6 Reconnaissance Survey (G4) for Manganese Mineralization around Salapada Village, Tehsil & District Dahod, Gujarat

[Implementing Agency: CGM Gujarat]

- The proposed block falls in Survey of India TS No. 46J/5. Rocks of the study area mainly belong to the Lunavada Group, which is part of the Aravalli Supergroup.
- The proposed area and surrounding areas have been largely explored by GSI under the G4 stage.
- The proposed block covers an area of 12.5 sq. km. The committee observed that the area is too large for G3 exploration and too small for G4 stage work.
- The area contains numerous old pits exposing Mn horizons.
- 15 grab samples collected from these pits by CGM, Gujarat show an average Mn grade of ~25%.
- Upon review, the agency was unable to demonstrate the disposition of ore zones within the proposed block. The committee advised the agency to consult the GSI LSM map, plot the old workings and Mn values, and resubmit the proposal for further review.

| Sl. No. | Agency | Brief Comments |
|---------|-------------------|---|
| 1. | GSI | The area is overlapping with the G4 exploration work carried out for Manganese during FS: 2024-25. The north-western corner of the proposed block boundary coincides with the boundary of the GSI (G3) block for Field Season (FS) 2026–27. |
| 2. | MECL | No overlapping |
| 3. | AMD | NA |
| 4. | State DMG/DGM/CGM | NA |

Recommendations of TCC-I:

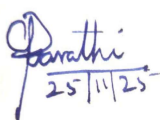
The committee advised the agency to consult the GSI LSM map, plot the old workings and Mn values, restructure the proposal for further review at G3 level.

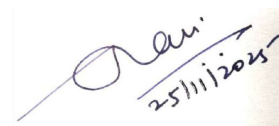
84.5 Technical Evaluation of New Procurement Project Proposals

Agenda 84.5.1 Financial Assistance from NMET funds to procure Machinery Laboratory Equipment/instruments etc. aimed at enhancing the exploration activities

[Implementing Agency: DGM Kerala]

- DGM, Kerala sought financial assistance for the procurement of Polarizing Microscope with Camera and Software, Petrographic Thin Section Unit, Crawler-Mounted Drill Rig with Accessories, WD XRF with Accessories, Vibratory Disc Mill with Grinding Sets, and Certified Reference Materials to strengthen its laboratory facilities and enhance mineral exploration activities in the state.
- The proposal was initially reviewed in the 78th TCC-1 meeting and was recommended for approval by the EC.


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- c. Subsequently, during the 43rd EC Meeting, the committee referred the proposal back to TCC, seeking proper justification for the quantities and technical specifications of the equipment proposed for procurement by DGM, Kerala.
- d. Accordingly, DGM, Kerala presented the proposal for the procurement of equipment and machinery with modified technical specifications and quantity as mentioned in following table (Table 1):

Table 1: Detail of equipment for procurement

| Sl. No. | Item | Quantity | Estimated Cost per unit (Rs. In Lakh) | Total Estimated Cost (Rs. In Lakh) (Excluding Taxes) |
|-------------------------|--|----------|---------------------------------------|--|
| 1. | Crawler Mounted Drill Rig With Associated Accessories | | | |
| 1A | Hydrostatic Crawler Mounted Drill Rig (600m capacity) | 1 | 91 | 91 |
| 1B | Drill rods, Casing and Core Barrel, Bits and accessories | - | 43 | 43 |
| 1C | Hydrostatic Crawler Mounted Drill Rig (600m capacity) | 2 | 62 | 124 |
| 1D | Drill rods, Casing and Core Barrel, Bits and accessories | - | 25 | 50 |
| Sub total (1A+1B+1C+1D) | | | | 308 |
| 2. | Polarizing Microscope with Camera And Software | 1 | 50 | 20 |
| 3. | Petrographic Thin Section Unit | 3 | 150 | 50 |
| 4. | WD XRF and Accessories | 1 | 350 | 290.4 |
| 5. | Certified Reference Material | 12 | 8.33 | 25 |
| Total | | | | 693.4 |

- e. After review, the TCC-I recommended the proposal for the procurement of equipment as per Table 1, subject to submission of justifications in the following aspects.
- Technical specification of each item.
 - Current availability of the same instrument in the department.
 - Average monthly output of the instruments i.e thin section unit and XRF labs
 - Trained manpower availability to handle and maintain the instrument and lab equipment.
 - Availability of spares and consumables
 - Projected target set for at least five years
 - Whether the instrument is envisaged to procure only for in-house usage or supporting NPEAs who carry out exploration in the state.

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- viii. Number of exploration projects handled so far, ongoing projects and plan for future projects.

Recommendations of TCC-I:

The committee recommended the proposal entitled “Procurement of Machinery Laboratory Equipment/instruments etc. aimed at enhancing the exploration activities by DGM Kerala” for the approval of PSC, NMEDT with an estimated cost of Rs. 693.4 lakhs (excluding GST) as per Table 1. The timeline to complete procurement is 12 months.

Agenda 84.5.2 Financial Assistance from NMEDT funds to procure Machinery Laboratory Equipment/instruments etc. aimed at enhancing the exploration activities

[Implementing Agency: DMG Goa]

- DMG, Goa sought financial assistance to establish an advanced mineral testing (MT) laboratory to facilitate mining industries and associated departments to fulfil their requirements with regard to quality checks and reliability. The proposed lab also aims at determination of grades of the ores during and after production levels.
- The proposal was submitted for review during the 82nd TCC-1 meeting. Upon examination, the TCC deferred the proposal and advised the agency to approach the Secretary, Ministry of Mines, Government of India, to obtain the necessary policy clarity regarding the establishment of a laboratory facility within the premises of the Goa College of Engineering, Panaji.
- The proposal was subsequently resubmitted in the 84th TCC-1 meeting, during which DMG, Goa informed that they had consulted the Ministry of Mines and received approval for setting up the laboratory facility within the premises of the Goa College of Engineering, Panaji, as the institution is a government entity.

Table 2: Detail of equipment for establishing laboratory

| | Equipment | Cost in Rs./Unit | No. of Units | Total Price (in Rs.) (Exclusive of Taxes) |
|-------------------------------|---|------------------|---------------------|---|
| A. XRF Analyser and equipment | | | | |
| 1 | WD-XRF Analyser | 3,21,00,000/- | 1 | 3,21,00,000/- |
| 2 | Press Pallet | | As per requirements | |
| 3 | Vibrating Cup Mill | | | |
| 4 | Crucible, P10 cylinder, binder, flux. A/C, UPS Backup | | | |
| | | SUBTOTAL – A | | 3,21,00,000/- |

| Sr. No. | Equipment | Cost in Rs./Unit | No. of Units | Total Price (in Rs.) (Exclusive of Taxes) |
|----------------------------------|---|------------------|--------------|---|
| B. Equipment for analysis | | | | |
| 1 | High Resolution Digital Balance | 1,30,000 | 2 | 2,60,000 |
| 2 | Coning and Quartering Instrument (Sample Divider) | 10,000 | 2 | 20,000 |
| 3 | Laboratory Oven | 50,000 | 1 | 50,000 |
| 4 | Magnetic Stirrer with Hot Plate | 15,000 | 2 | 30,000 |
| 5. | Spectrophotometers | 3,50,000 | 1 | 3,50,000 |

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|----|---|------------------------|---|---|
| 6. | pH Meter | 60,000 | 2 | 1,20,000 |
| 7 | Laboratory glass ware & chemicals | 1,70,000 | 1 | 1,70,000 |
| 8 | Rock Density Scale/Mineral Density Tester/Stone Density Gauge | 1,30,000 | 1 | 1,30,000 |
| 9 | Hot plate | 30,000 | 1 | 30,000 |
| 10 | Double distillation plant | 90,000 | 1 | 90,000 |
| 11 | Bunsen burner set | 20,000 | 1 | 20,000 |
| | | SUBTOTAL - B | | 12,70,000/- |
| | | SUBTOTAL – A+ B | | 3,33,70,000/- (Exclusive of taxes) |

Recommendations of TCC-1:

The committee recommended the proposal entitled “Setting up of Advanced Mineral Testing Laboratory through assistance from NMEDT by DMG Goa” for the approval of PSC, NMEDT with an estimated cost of Rs. 333.70 lakhs (excluding GST) as per Table 2. The timeline to complete procurement is 18 months.

84.6 Financial Sanction under Baseline Geoscience Data Generation

Agenda 84.6.1 Financial Sanction for carrying out aerogeophysical survey over NAGMP Blocks 13, 18 & 21 under approved projects titled “Multi-Sensor Aero-geophysical Survey Block 13”, “Multi-Sensor Aero-geophysical Survey Block 18” and “Multi-Sensor Aero-geophysical Survey Block 21”

[Implementing Agency: GSI]

84.6.1 Financial Sanction for carrying out aerogeophysical survey over NAGMP Blocks 13, 18 & 21 under approved projects titled “Multi-Sensor Aero-geophysical Survey Block 13”, “Multi-Sensor Aero-geophysical Survey Block 18” and “Multi-Sensor Aero-geophysical Survey Block 21”

[Implementing Agency: GSI]

- RSAS, GSI, Bangalore informed the committee that the Financial Sanction from the Ministry of Mines has been received for engaging the selected Project Implementing Agency (PIA) to carry out Aerogeophysical Surveys over Blocks 13, 18, and 21.
- As part of the ongoing National Aerogeophysical Mapping Programme (NAGMP) of GSI, the proposal for Administrative Approval (AA) for tendering of Group-A Tender covering Blocks 16, 17, 19 & 20, and Group-B Tender covering Blocks 13, 18 & 21, along with the revised cost estimate, was submitted to the Ministry of Mines on 15.09.2023, and approval was received on 27.09.2023.
- Accordingly, two tenders were floated for engaging PIAs to undertake aerogeophysical surveys over the seven NAGMP blocks: Group-A Tender for Blocks 16, 17, 19 & 20 and Group-B Tender for Blocks 13, 18 & 21.
- Following the tendering process, Group-A was awarded to M/s IIC Technologies Private Limited, and Group-B was awarded to M/s Xcalibur McPhar Private Limited.
- However, the PIA M/s Xcalibur McPhar Private Limited, selected through the Group-B Tender for surveying Blocks 13, 18 & 21, refused to sign the Contract/MoA. Consequently, the Group-B Tender was cancelled, and a fresh tender was floated vide GeM Bid No. GEM/2025/B/6325603 dated 09.06.2025.
- The technical bids received for the re-tendered Group-B (Blocks 13, 18 & 21) from five bidders were evaluated on 09.10.2025 by the Tender Evaluation Committee (Technical).

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Three bidders were shortlisted as technically qualified, and approval for the same was obtained from the DG, GSI on 17.10.2025.

- g. Subsequently, the price bids of the three qualified bidders were opened on 21.10.2025 by the TEC (Finance) committee. The details are given below:

| Sl. No. | Name of the Firm / Consortium / J. V Company | Total Amount (inclusive of GST) (In INR) | Remarks/ Status |
|---------|--|--|-----------------|
| 1 | M/s Saarthi Airways Private Limited in consortium with M/s GPX Surveys Pty Ltd (Australia), M/s Thomson Airborne Pty Ltd (Australia) and M/s GPX Surveys Pvt. Ltd., India. | 93,48,31,516/- | L1 Bidder |
| 2 | M/s IIC Technologies Private Limited, Hyderabad in consortium with M/s Geosan LLC, Mongolia. | 114,21,03,319/- | L2 Bidder |
| 3 | M/s Sander Geophysics India Pvt. Ltd., New Delhi in a Joint Venture with M/s Sanders Geophysics Limited, Canada and M/s Pan India Consultants Pvt Ltd, New Delhi, India. | 121,31,40,134/- | L3 Bidder |

- h. The TEC (Finance) recommended awarding the Group-B aerogeophysical survey contract for NAGMP Blocks 13, 18 & 21 to the consortium led by M/s Saarthi Airways Pvt. Ltd., the L1 bidder, at **INR 93,48,31,516/- (inclusive of GST), which is 4.8% higher than the estimated cost of INR 89,20,14,805/-**.
- i. The recommendation was approved by the DG, GSI on 24.10.2025, who directed RSAS, GSI, Bangalore to seek Financial Sanction (FS) from NMEDT, Ministry of Mines for the approved amount.
- j. RSAS, GSI sought approval from TCC-1 to forward the FS request to NMEDT.
- k. TCC-1 noted that the matter is administrative, and advised GSI to submit the technical details of the NAGMP blocks (division, geology, progress, outcomes, follow-up) to NMEDT.

Recommendations of TCC-1:

The committee advised GSI to present the technical aspects of the blocks viz. total NAGMP blocks, their division, dispositions, geology, progress so far, outcome of the survey and their follow up etc.

The committee recommends GSI to get necessary approvals for ₹ 93,48,31,516/- (inclusive of GST) from competent authority of Ministry of Mines and submit the same to NMEDT for release of funds.

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Annexure -2

List of participants who attended the 84th Meeting of Technical-cum-cost Committee (TCC-I) of NMEDT held on 13th and 14th November, 2025, 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. M. Mohan | Dy. Director General (Retd.), GSI | mariappan.mohan@gmail.com | 9423686547 | Member TCC-1 |
| 4 | Shri. K. Koteswara Rao | Dy.D.G. (Retd.) GSI | kkrao1957@gmail.com | 9000117969 | Member TCC-1 |
| 5 | Dr. S. K. Kulshrestha | DDG-RMH-III, NER, GSI, Shillong | s.kulshrestha@gsi.gov.in | 9413330658 | Member TCC-1 |
| 6 | Shri A. R. Mukundhan | Regional Director, AMD, South Central Region | mukuagaram@rediffmail.com | 6303606347 | Member TCC-1 |
| 7 | Dr.E.V.S.S.K. Babu | Scientist (G), NGRI | evsskbabu@ngri.res.in | 9441535852 | Member TCC-1 |
| 8 | Shri. S.K. Adhikari | Chief Mining Geologist, IBM, Nagpur | skadhikari@ibm.gov.in | 7588690545 | Member TCC-1 |
| 9 | Shri. P.K. Maharana | DGM (Finance), NALCO, Bhubaneswar | pmaharana@rediffmail.com | 8500669500 | Member TCC-1 |
| 10 | Shri. Ravi Kumar Gupta | General Manager (Finance) HCL, Kolkata | ravi_g@hindustancopper.com | 9433274328 | Member TCC-1 |
| 11 | Smt. Vandana | Cost Accounts Officer, RSAS, Bangalore, GSI | vandana@gsi.in | 8660939235 | Member TCC-1 |
| 12 | Shri. C. Parthasarathi | Director, GSI & Member Secretary, TCC- NMEDT, GSI, Bengaluru | c.parthasarathi@gsi.gov.in | 9483186932 | Member Secretary TCC-1 |
| 13 | Shri Anindya Bhattacharya | Dy. Director General & HoD | anindya.bhattacharya@gsi.gov.in | 9739997273 | RSAS, GSI, Bengaluru |
| 14 | Shri C S Verma | Dy. Director General (Geophysics) | chattar.verma@gsi.gov.in | 9990962880 | RSAS, GSI, Bengaluru |
| 15 | Shri H Rajaram | Director (Geophysics) | h.rajaram@gsi.gov.in | 8762227740 | RSAS, GSI, Bengaluru |
| 16 | Shri A Selin Raj | Director (Geophysics) | antony.selinraj@gsi.gov.in | 9551177036 | RSAS, GSI, Bengaluru |

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|----|---------------------------|---|---------------------------------------|------------|---------------------------------------|
| 17 | Shri. Vinoda NK | Director (Geophysics) | vinoda.n.k@gsi.gov.in | | RSAS, GSI, Bengaluru |
| 18 | Dr. Ch. Ravi Kumar | Director (Geophysics) | chiluvuru.kumar@gsi.gov.in | | RSAS, GSI, Bengaluru |
| 19 | Dharanidhar Panigrahi | Dy. Director General & Head of Office of the National Mission - 1A (Addl. Charge) | d.panigrahi@gsi.gov.in | | CHQ, GSI, Kolkata |
| 20 | Dr. N. Majumdar | Director (Geophysics), NM- 1A | n.majumdar@gsi.gov.in | | CHQ, GSI, Kolkata |
| 21 | Ravi Suri | Geologist (TAE) | ssgchyd04@gmail.com | | S and S Geological Consultants |
| 22 | Dr. Abrar Ahmed | Geologist | abrar@geoexpore.com | | GeoExpOre Private Limited |
| 23 | Ms. Mansi Kesarwani | Geologist | mansi@geoexpore.com | | GeoExpOre Private Limited |
| 24 | Manoj VP | Senior Geologist | manoj@geoexpore.com | | GeoExpOre Private Limited |
| 25 | Shashank S. Mahapatra | Geologist | shashank@geoexpore.com | | GeoExpOre Private Limited |
| 26 | Shubham Nimbulkar | Geologist | shubhamnimbulkar238@gmail .com | | Bhushilp Minerals & Mines Pvt Ltd. |
| 27 | Indranil Bhattacharjee | GM - Projects (Nodal Officer - NABET and NMET), MAPL | info@mapl.in, indranil@mapl.in | | Mining Associates Pvt. Ltd. |
| 28 | Subhayan Neogi | Deputy Manager - Geology, MAPL | subhayan@mapl.in | | Mining Associates Pvt. Ltd. |
| 29 | Sandipan Mitra | Senior Geologist - MAPL | geo@mapl.in | | Mining Associates Pvt. Ltd. |
| 30 | Vikram K.Y | Founder & Partner | criticalmineraltrackers@gmail. com | 9849574333 | Critical Mineral Trackers |
| 31 | S.Rama Murthy | Director - Geology & Mineral Exploration | criticalmineraltrackers@gmail. com | 9490685131 | Critical Mineral Trackers |
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|----|--|--------------------------|-------------------|------------|--------------------------|
| 33 | Dnyaneshwar Gaonkar | Deputy Manager (Geology) | bmed@kioclltd.in | 9945258578 | KIOCL Limited, Bengaluru |
| 34 | D Mohan Raj | Consultant | bmed@kioclltd.in | 9765980957 | KIOCL Limited, Bengaluru |
| 35 | Representatives from DGM Chhattisgarh | | | | |
| 36 | Representatives from CGM Gujarat | | | | |
| 37 | Representatives from DGM Kerala | | | | |
| 38 | Representatives from DMG Goa | | | | |
| 39 | Representatives from FAGMIL | | | | |
| 40 | Representatives from IBM | | | | |
| 41 | Representatives from Envirogreen Consultants (India) Pvt. Ltd. | | | | |
| 42 | Representatives from Ocean Drilling and Exploration Pvt. Ltd. | | | | |
| 43 | Smt. Anju C.S | Superintending Geologist | nmet-mines@gov.in | 8588836933 | NMEDT |
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