

Ministry of Mines
National Mineral Exploration & Development Trust
Minutes of 28th meeting of Technical-cum-Cost Committee - II (TCC - II)
held on 7th and 8th May 2026

The 28th meeting of Technical-cum-Cost Committee-II (TCC-II) of National Mineral Exploration and Development Trust (NMEDT) was convened through video conferencing on 7th and 8th May 2026. The meeting was chaired by Dr. S Ravi, DDG & HoD, GSITI, and Chairman, TCC-I, NMEDT.

Members of TCC-II, NMEDT and representatives from M/s Maheshwari Mining Private Limited (MMPL), M/s Geo Marine Solution Private Limited, M/s GeoExpOre Private Limited, DGM Nagaland, M/s GEMS Project Private Limited, M/s S and S Geological Consultants, M/s Vardan Environet LLP, DGM Bihar, DGM Arunachal Pradesh, DGM Telangana, DoTCI Manipur, DGM Mizoram, M/s Mining Tech Consultancy Services Limited, M/s PRB Infraprojects Private Limited, Madhya Pradesh State Mining Corporation Limited (MPSMCL), DMR Meghalaya, M/s Critical mineral trackers (CMT), M/s Gemcokati Exploration Private Limited, Mineral Exploration and Consultancy Limited (MECL), M/s. Geovale Services Private Limited, M/s Ocean Drilling and Exploration Private Limited, M/s Eartnenviro Lab Private Limited, M/s. Indian Mine Planners and Consultants, M/s. Shijay Projects India Private Limited etc. have attended the meeting through video conferencing mode. The list of participants is at **Annexure-1**.

Shri Pradeep Singh, ADG-PSS, GSI and Chairman, TCC-II, NMEDT warmly welcomed all TCC-II members and every participant representing from State DGMs/DMGs, Notified Exploration Agencies (NEAs) and Notified Private Exploration Agencies (NPEAs). He informed the Committee and all participants that the 28th TCC-II meeting would be chaired by Dr. S. Ravi, DDG & HoD, GSI-TI and Chairman, TCC-I, NMEDT.

28.1 Technical Evaluation of New Project Proposals

Agenda 28.1.1 Reconnaissance survey (G4) of Graphite in Kandegaon Area, (Area-61.85 sq. km), Kalahandi District, Odisha.

Proposal ID: ME/DD/G4/OD/26-27/010

And

Agenda 28.1.2 Reconnaissance survey (G4) of Graphite in Jhiripani Area, (Area-52.92 sq. km) Kalahandi Kandhamal Districts, Odisha.

Proposal ID: ME/DD/G4/OD/26-27/012

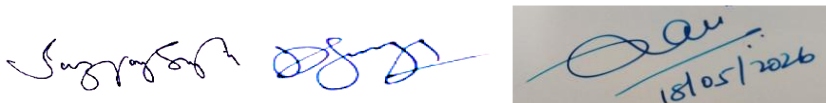
And

Agenda 28.1.3 Reconnaissance survey (G4) for gold and associated minerals in Dangarh Atargaon, Mohla-Manpur-Ambagarh, (Area-133.92 sq. km) Chouki-Districts, Chhattisgarh

Proposal ID: ME/DD/G4/CT/25-26/029

[Implementing Agency: M/s MMPL Private Limited]

- a) The committee observed that these three projects were earlier discussed in 91st TCC-I (28.1.1 & 28.1.2) and 90th TCC-I (28.1.3). The committee deferred the proposal (28.1.1) and advised the agency to consult the G-4 stage exploration report of GSI, SU-Odisha and incorporate the findings. The agency was further advised to submit a revised proposal for G-3 stage exploration, if recommended in the GSI report, in the next TCC-I meeting. The committee deferred the proposal (28.1.2) and advised the agency to consult the G-4 stage exploration report of GSI, SU-Odisha and incorporate

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the findings. The agency was further advised to submit a revised proposal for G-3 stage exploration in the next TCC meeting.

- b) As these proposals pertain to the exploration of the critical mineral Graphite and the strategic mineral Gold, extensive discussions were held in the TCC-I meeting with due consideration of the technical aspects involved.
- c) Review of these DPRs in the TCC-II meeting would again require considerable time for familiarization and understanding by the members of the committee, as the proposals are new to them, and the projects would undergo another round of technical evaluation. In view of this, the Committee opined that it would be appropriate for the project DPRs to be reviewed in TCC-I itself, thereby avoiding unnecessary duplication of technical evaluation and saving time.

Recommendations of TCC-II

The committee deferred the project proposal (28.1.1, 28.1.2 and 28.1.3) for the upcoming TCC-I meeting with incorporation of the suggestions made in respective TCC-I meetings to avoid duplication of technical evaluations in TCC meetings.

Agenda 28.1.4 Preliminary exploration (G3) for Limestone in Kebang block, (Area-14.84 sq. km.) Siang District, Arunachal Pradesh.

[Implementing Agency: M/s MMPL Private Limited]

- a) The proposed preliminary Exploration (G3) of 14.84 sq. km. area, falls in Survey of India Toposheet number 82P/4 in parts of Siang District, Arunachal Pradesh. This project was discussed in 12th TCC-II and DGM consent was needed for approval of the project. The project got in-principle approval in 24th TCC-II.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	Currently no exploration / reconnaissance projects related to Limestone and associated Minerals and any other mineral/commodity is being carried out by GSI in the proposed area. The proposed NMEDT block partly overlaps with the already explored block of F.S.1995-96 (Sitaram and Bendre) P-II stage of investigation for limestone.
2	DMG	No previous or ongoing reconnaissance/exploration work, departmental exploration, or existing mining/quarry lease has been reported within the proposed area. DGM, Arunachal Pradesh informed that there is currently no limestone production in the State. However, significant quantities of limestone-based cement will be required for ongoing and upcoming hydropower and infrastructure projects. Developers, including NHPC Limited and the Etalin Hydropower Project, have projected limestone requirements exceeding 61 lakh MT. Therefore, exploration and development of local limestone resources is essential to meet future demand and avoid delays and high transportation costs.

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3	MECL	The block proposed is not overlapping with explored block and ongoing blocks.
5	NMEDT	There are no completed or ongoing NMEDT-funded projects in the proposed block.

- c) The Committee advised the agency to reduce the project area by confining it to the mapped limestone bands in accordance with the G3 stage exploration norms. Accordingly, the agency revised and reduced the project area to 14.70 sq. km.
- d) The Committee opined that the proposed area was still too large for G3 stage mapping at a scale of 1:4000. The Committee advised the agency to prepare two separate blocks with an area of around 5-6 sq km each, covering exposed part of limestone of Buxa Formation, and submit the DPRs at the G3 level accordingly.
- e) The committee deferred the project proposal and asked the agency to come up in next TCC meeting after incorporating the suggestion made by the committee.

Recommendations of TCC-II

The committee deferred the project proposal as the modified area submitted by agency was too large for G3 stage of exploration on 1:4000 scale. Further, The Committee advised the agency to prepare two separate blocks with an area of around 5-6 sq km each covering exposed part of limestone of Buxa Formation and submit the DPRs at the G3 level accordingly.

Agenda 28.1.5 Preliminary Exploration (G3) for Graphite, Base metals and Associated minerals in areas (Area- 3.10 sq. km.) between Limber and Pahlipora Block, Baramulla District, Jammu and Kashmir

[Implementing Agency: M/S Geo Marine Solutions Pvt. Ltd.]

- a) This project was discussed in 12th TCC-II and got in-principle approval with an area of 8.81 sq. km. The agency submitted modified block with an area of 4.22 sq. km for preliminary Exploration (G3) which falls in Survey of India Toposheet number 43J/4 in parts of Baramulla district, Jammu and Kashmir.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	The proposed area/ block of NPEA is falling completely within the Reconnaissance survey block (G-4) explored by GSI during FS:2020-2021 for graphite and associated mineralization. GSI is taking up G-4 stage project in adjacent area on graphite, vanadium and associated mineralization during upcoming FS:2026-2027.

2	DMG	Currently no exploration project of the department was under progress in the proposed area and mineral investigation had been restricted to Gypsum. No composite or mining lease has been restricted in the proposed area. The department has identified two potential blocks for Gypsum for detailed investigation/e-auction in the area. (Block 1, Bimyar Uri, area: 4.29 hectares; Block 2, Bimyar Uri: 4.53 hectares)
3	MECL	The block proposed is not overlapping with explored block and ongoing blocks.
5	NMEDT	There are no completed or ongoing NMEDT-funded projects in the proposed block. The block was overlapping with the eco-sensitive zone (parts of Limber Wildlife Sanctuary)

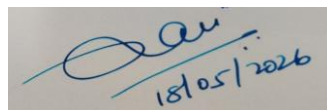
- c) Geo Marine Solution Pvt. Ltd. informed that, as per the instructions of TCC-II, the portions of the proposed block overlapping with the Eco-Sensitive Zone and its buffer zone have been excluded, and the revised block area now stands at 3.10 sq. km. Further, the agency briefed that GSI had carried out G4 stage exploration in the area during FS 2018–20 and 2020–21. During FS 2018–20, the results indicated Fixed Carbon (FC) values ranging from 9.98% to 13.18% in graphite schist. Additionally, during FS 2020–21, the FC values in 65 bedrock samples ranged from 0% to 25%, while the FC values in 39 trench samples ranged from 0% to 22.22%.
- d) The Committee advised the agency to exclude the Eco-sensitive core and buffer zone areas as per Forest Department guidelines. Further, the Committee advised that borehole spacing to be kept at 200 m at the G3 stage.
- e) The state DGM representative was present in the meeting and presented his viewpoints about the exploration norms related to eco-sensitive zone.
- f) The committee after due deliberations suggested for the ground check by the agency by visiting the field area in consultation with the state DGM since the proposed block may be tentative on map and modify the block area as per the exploration and mining norms and requirement of eco-sensitive zones.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “Preliminary Exploration (G3) for Graphite, Base metals and Associated minerals in areas between Limber and Pahlipora villages, Baramulla district, Jammu and Kashmir” with an estimated cost of ₹ 410.49 lakhs (including GST) within time schedule of 15 months for carrying out the proposed work and submission of geological report as per Annexure – 2A & 2B. The item will be reviewed after 3, 8 and 12 months.

Cost Estimates for Preliminary Exploration (G3) for Graphite, Base metals and Associated minerals in areas between Limber and Pahlipora villages, Baramulla District, Jammu and Kashmir
Total Area - 3.10 Sq. Km; Drilling- 990 m, (12 BH), Completion Time - 15 Months , Review: After 3 Months, 8 Months and 12 Months.
Implementing Agency: M/S Geo Marine Solutions Pvt. Ltd.

S. No.	Item of Work	Unit	Rates as per NMEDT SoC 2025-26		Estimated Cost of the Proposal			Remarks
			SoC-Item - SI No.	Rates as per SoC	Qty.	x2	Total Amount (Rs)	
A	Geological Mapping Other Geological Work & Surveying							
	Geological mapping, (1:4,000 scale)	sq. km.	1.1	28,600	3.10	2.00	1,77,320	
i	a. Charges for Geologist per day (Field)	day	1.2.1a	14,500	150	2.00	43,50,000	
ii	b. Labour Charges; Base rate	day	5.8	541	300	2.00	3,24,600	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
	c. Charges for Geologist per day (HQ)	day	1.2.1a	10,500	60	1.00	6,30,000	
	d. Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	7,850	34	2.00	5,33,800	
	Labours Charges for sampler (4 labourers)	day	5.8	541	136	2.00	1,47,152	
	Sub Total- A						61,62,872	
B	Survey work							
a	Surveyor for topographic survey/DGPS Survey and for BH fixation & RL determination	Per Point of observation	1.3.2	24,000	18	2.00	8,64,000	12BH plus 6 Boundary points

b	Charges of Surveyor (1 party) for topographic mapping in 1:4000 scale	one surveyor per day	1.3.1	10,500	40	2.00	8,40,000	
c	Labours Charges for survey work(4 labourers)	day	5.7	541	160	2.00	1,73,120	
	Sub-Total B						18,77,120	
C	DRILLING (Inhouse)							
1	Core Drilling (12 BH)	m	2.2.1.1d	10,000	990	2.00	1,98,00,000	Core drilling (~45° angle) to intersect the ore body at two levels of 30m and 60m vertical depths (60*6+105*6=990). The depth of intersection will be revised after establishing geological continuity in first few BH.
2	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6					As per actuals as certified by local authorities subject to a maximum of 30,000 per bore hole
3	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drill Camp, Camp setting and winding, construction of Approach road and Drill core preservation	Km	2.2.9 (3)	20,00,000	1	2	40,00,000	For Drilling cost more than 1 crore and less than 2 crores: 15 % of the Drilling Cost with maximum ceiling of Rs.20 Lakh
4		month						
5		Nos						
6		Nos						
7	Drill core Preservation	m	5.2x	1590	300	1	4,77,000	
	Sub Total C						2,42,77,000	
D	LABORATORY STUDIES							
1	Chemical Analysis							
v)	BH Core samples							

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18/05/2026

	Major oxides (WD XRF)- (oxides+ traces -24 elements)	Nos	4.1.17a	4,200	200		8,40,000	1/5th of total meterage
	10% check	Nos	4.1.17a	4,200	20		84,000	
	Analysis of one rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element (U,Ta,Ge,Be,Hf,Sn,As,Rb,Th) by ICP-MS (sequential technique)	Nos	4.1.15	7,400	12		88,800	Major oxides (WD XRF)- (oxides+ traces -24 elements)
	10% check	Nos	4.1.15	7,400	2		14,800	
	Core Samples: Graphite Proximate Analysis: One Composite Sample for each borehole	Nos	4.1.18	3,614	12		43,368	
2	Physical & Petrological Studies							
i	Preparation of polished thin section	Nos	4.3.2	800	15		12,000	
ii	petrographic/ore microscopic study	Nos	4.3.4	2,800	15		42,000	
iii	XRD	Nos	4.5.2	4,000	10		40,000	
iv	Bulk density	Nos	4.8.3	2,500	10		25,000	
	Sub Total D						11,89,968	
	Total A to D						3,35,06,960	
E	Geological Report Preparation	soft copy	5.2	Total cost of the project exceeding ₹150 lakh ₹7.5 lakh			7,50,000	Reimbursement will be made after submission of the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMEDT.

Supriya Singh

18/05/2026

F	Peer review Charges		As per EC decision			30,000	
G	Preparation of Exploration Proposal (5 Hard copies with a soft copy)	5 Hard copies with a soft copy	5.1	2% of the Cost or Rs. 5.0 Lakhs whichever is less		5,00,000	EA will be reimbursed after submission of the Hard Copies and the soft copy of the final proposal along with Maps and Plan as suggested by the TCC-NMEDT in its meeting while clearing the proposal.
H	Total Estimated Cost without GST					3,47,86,960	
I	Provision for GST (18% of H)					62,61,653	GST will be reimbursed as per actual and as per notified prescribed rate
J	Total Estimated Cost with GST					4,10,48,613	
				or Say Rs. In Lakhs		410.49	
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 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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18/05/2026

Timeline for Preliminary Exploration (G3) for Graphite, Base metals and Associated minerals in areas between Limber and Pahlipora villages, Baramulla district, Jammu and Kashmir (Limber-Pahlipora block) Total Area:- 3.10 sq km

S. No.	Months	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Camp Setting	months														
2	Geological Mapping & Sampling	months														
3	Topographic survey for BH fixation & RL determination	months														
4	Chemical Analysis	months														
5	Drill Camp setting	months														
6	Drilling (1 rig)	months														
7	Chemical Analysis (core Sample)	months														
8	Physical & Petrological Studies	months														
9	Camp Winding	months														
10	Report Writing with Peer Review	months														

Review

Winter season in J&K, hence no
Exploration activity

Review

Review

Supriya Singh

Sanjay
18/05/2026

Agenda 28.1.6 Preliminary exploration (G3) for tungsten and associated mineralization in and around Talbahat Block, Lalitpur District, Uttar Pradesh. (Area- 8.3sq.km.).

[Implementing Agency: M/s GeoExpOre Private Limited]

- a) The proposed block of 8.34 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 54K/8 in parts of Lalitpur District, Uttar Pradesh. In principle approval was accorded to this proposal in 91st TCC-I meeting held on 27th & 28th February, 2026, on the basis of encouraging values of Tungsten reported during previous work of GSI, 2004. Also, re-analysis of a few samples was advised by the TCC-I, to validate the anomalous tungsten values.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	Exploration work for basemetal was carried out in different phases, from 1982-2012. Currently G4 investigation for gold and associated mineralisation was being carried out during FS. 2025-26. The proposed G3 block is within the G4 block of GSI of 2000-01
2	DMG	There is no exploration work and mining leases in the proposed area.
3	MECL	The block proposed is not overlapping with explored block and ongoing blocks.
5	NMEDT	There are no completed or ongoing NMEDT-funded projects in the proposed block.

- c) The agency informed that, GSI had carried out a reconnaissance survey during FS 2000–2001, wherein the analytical results of bedrock samples indicated Tungsten (W) values ranging from 337 g/t to 1,082 g/t, with more than 90% of the samples containing Tungsten values between 501 g/t and 900 g/t. The agency further informed that Cobalt (Co) mineralization was also observed in 145 samples, with values exceeding 100 g/t and reaching up to 171 g/t. Additionally, all quartz samples exhibited promising Tungsten (W) values ranging from 337 ppm to 792 ppm, with an average value of 655 ppm.
- d) The committee was of the opinion that the agency should collect 4 to 5 samples on its own covering the strike length of the quartz reef for comparison of the analytical results with the available previous data from the proposed area. Further, if feasible, a handheld XRF instrument may be utilized during the agency's field visit. The DPR may be resubmitted after compliance with the suggestions of the committee, subject to verification of the anomalous Tungsten values which might arise from contamination during processing of samples in the referenced GSI report with the results of the samples collected during the agency's field visit.

Recommendations of TCC-II

The Committee deferred the proposal to upcoming TCC-II meeting and advised the agency to undertake a field visit for collection of 4 to 5 samples to validate the

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anomalous Tungsten values reported in GSI report. Based on the results' validation, the DPR may be resubmitted for review.

Agenda 28.1.7 Reconnaissance survey (G4) for magnetite in Molhe-Mollen peak Area, Meluri District, Nagaland.

[Implementing Agency: DGM Nagaland]

- a) The proposed Reconnaissance survey (G4) area, covering 22.10 sq. km, is located in parts of Meluri District, Nagaland, and falls within Survey of India Toposheet No. 83 K/10 and 83K/11 respectively.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	GSI has not taken up any exploration for magnetite in the proposed area. The proposed block has an overlap of about ~15% with the Akhen-Tusom G4 block for nickel and associated minerals of FS 2025-26 taken up for exploration of Ni.
2	AMD	There is no ongoing exploration/reconnaissance project.
3	MECL	The block proposed is not overlapping with explored block and ongoing blocks.
4	NMEDT	The proposed block overlaps with the already completed NMEDT funded G-4 Level Exploration of Ni-Co-Cr-Magnetite in Mollen-Jopi-Ziphu Ridge and adjoining areas.

- c) DGM, Nagaland informed that, GSI carried out exploration drilling in the Phokphur North Block during 1977–79 and estimated an indicated reserve of 1.83 million tonnes over an area of 0.17 sq. km. Subsequently, Directorate of Geology and Mining Nagaland (DGM Nagaland), during 1979–84, estimated an indicated reserve of 1.62 million tonnes from the South Block based on drilling over an area of 0.14 sq. km. Further, as per the pilot scale smelting and pre-feasibility study of the Phokphur multi metal magnetite ore deposit (covering an area of more than 1 sq. km) carried out jointly by National Metallurgical Laboratory and DGM Nagaland, a proven reserve of 5 million tonnes of magnetic material was established, containing 2.5 to 3.0% Chromium, 0.5 to 0.6% Nickel, and 0.035 to 0.040% Cobalt. The magnetite ore deposit of Nagaland is expected to yield approximately 25,000 tonnes of Nickel and 1,750 tonnes of Cobalt.
- d) In view of GSI comment, the committee opined that the findings of GSI's investigation should be incorporated in the DPR. The committee was of opinion that this project can be considered after reviewing result/outcome of on-going similar projects in that area by DGM, Nagaland & GSI. The committee opined that the area seems to be geological favourable for Chromite and Nickel, magnetite bands are thin and impersistent.
- e) Accordingly, the committee advised DGM, Nagaland to revisit the area considering the outcomes of the GSI FS 2025–26 report, which indicated overlap with the proposed block, and thereafter resubmit the revised DPR after incorporating GSI's findings.

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Recommendations of TCC-II

The committee deferred the proposal to upcoming TCC-II meeting as the committee was of opinion that this project can be considered after reviewing result/outcome of on-going similar projects in that area by DGM, Nagaland & GSI and suggested the DGM to revisit the area taken into consideration the output of the GSI “Akhen–Tusom Block for FS 2025–26”, report and thereafter resubmit the DPR for review.

Agenda 28.1.8 Reconnaissance (G4) Exploration of Zirconium, RM /REE, Bauxite and associated Minerals in Kerakona - Manjhatoli Area, District - Jashpur, Chhattisgarh.

Project ID: ME/DD/G4/CT/25-26/025

[Implementing Agency: M/s GEMS Projects Private Limited]

- a) The agency informed the committee that they have inadvertently submitted the proposal as DPR in NMEDT connect portal instead of in-principle proposal.
- b) The committee rejected the proposal as DPR and asked the agency to resubmit it as in-principle proposal.

Recommendations of TCC-II

The committee rejected the proposal in its present form as a DPR and advised the agency to resubmit the proposal under the appropriate category as an in-principle proposal for further consideration.

Agenda 28.1.9 Preliminary Exploration (G3) for Bauxite in the Lalpursani Block, Tehsil – Bajag, District – Dindori, Madhya Pradesh.

Project ID: ME/DD/G3/MP/26-27/011

[Implementing Agency: M/s S and S Geological Consultants]

- a) The proposed block of 4 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 64F/6 in parts of Dindori District, Madhya Pradesh. During the 24th meeting of TCC-II held on 2nd and 3rd March 2026, the committee accorded in-principle-approval to the proposal based on the favorable bauxite mineralization as suggested in GSI's G4 exploration report of FS 2022-23.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	A G-4 reconnaissance survey for bauxite and aluminous laterite FS 2022-23 stage was carried out around Vikrampur Mal, Dhanoli Mal, Gorkahpur Mal and Mohtara in Dindori district. A total of 65 bedrock samples and 50 pitting/trenching samples were collected along with petrological, petrochemical and XRD samples. Geochemical analysis shows that the samples fall within the bauxite and ferritic bauxite fields, indicating moderate to strong lateritization. The bauxites are enriched in trace elements such as Zr, V, Nb, Ta and Ga, with Al ₂ O ₃ values ranging from 35.73–60.38% in bauxite and 20.93–49.15% in aluminous

		laterite, suggesting favourable bauxite mineralization. The proposed block overlapped completely with the above G4 exploration area FS 2022-23.
2	DGM	There is no ongoing exploration work by the department for Bauxite and Vanadium associated mineralization or other mineral in the proposed area. No mineral concession (ML/CL) is sanctioned in the proposed area.
3	MECL	The block proposed is not overlapping with explored block and ongoing blocks.
4	NMEDT	There are no completed or ongoing NMEDT-funded projects in and around the proposed block.

- c) The agency informed that, GSI carried out G4 stage of exploration during FS 2022-23 in this area. A total of 17 Bed Rock Sample (BRS) and 7 Pit/Trench Sample (PTS) were analysed from the proposed block. In BRS, values of Al₂O₃ ranges from 33.20% to 60.38%, TiO₂ ranges from 4.99% to 11.20%, V ranges from 182.39ppm to 1347.70ppm and Ga ranges from 44.74ppm to 105.10ppm. Also, in Pit samples, values of Al₂O₃ ranges from 26.53% to 47.52%, TiO₂ ranges from 3.53% to 8.67%, V ranges from 583.77ppm to 1081.60ppm and Ga ranges from 35.23ppm to 82.07ppm.
- d) The committee agreed to recommend a G3 stage of preliminary exploration in the proposed block considering the encouraging values of GSI's G4 exploration of FS 2022-23 in the proposed block. The committee also recommended geological mapping on a 1:4000 scale, followed by topographic survey, drilling of a total of 300 m in 21 boreholes (BHs) with an average depth of 10 m to 15 m for each borehole, along with sampling and corresponding chemical analysis. The scheduled timeline for completion of the project was decided to be 7 months.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for "Preliminary Exploration (G-3) for Bauxite and Associated Minerals, Lalpursani Block, District: Dindori, Madhya Pradesh" with an estimated cost of ₹ 95.22 lakhs (including GST) within time schedule of 7 months for carrying out the proposed work and submission of geological report as per Annexure – 3A & 3B. The item will be reviewed after 3 and 5 months.

Preliminary Exploration (G-3) for Bauxite and Associated Minerals, Lalpursani Block, District: Dindori, Madhya Pradesh
Total Area: 4.00 Sq. Km; Total Drilling: 300 m (21 BHs). Total Duration 7 months. Review after: 3 and 5 months

S.No.	Item of Work	Unit	Rates as per NMET soc 2025		Estimated Cost of the Proposal		Remarks
			SoC-Item-SI No.	Rates as per Soc	Qty.	Amount (Rs)	
A	GEOLOGICAL WORK						
i	Geological Mapping (1:4000)	Per sq. km.	1.1	18300	4	73200	
ii	Charges for one Geologist for Geological Mapping - Field	Per day	1.2.1a	14,500	100	1450000	Including drilling, core logging, sampling and mapping
iii	Charges for one Geologist per-HQ	Per day	1.2.1a	10,500	30	315000	
iv	2 labours / party (Rs 541/day) (As per rates of Central Labour Commission)	Per day	5.8	541	200	108200	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
v	Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	7,850	34	266900	
vi	Labours Charges for sampler (4 labourers)	day	5.8	541	136	73576	
Sub-Total-A						2286876	
B	Survey Work						
1	Fixation of Borehole and determination of co - ordinate and Reduce Level of the boreholes by DGPS	Per point of observation	1.3.2	24000	37	888000	16 Boundary point + 21 BH points
2	Drone Topographic Survey	Per sq. km.	7b	70000	4	280000	
3	Surveyor Charge of One Qualified	Per day	1.3.1	10500	20	210000	
4	Labours (4 Nos)	Per day	5.8	541	80	43280	
Sub Total-B						1421280	
C	Drilling (In house)						
1	Drilling (soft rock) (in-house)	m	2.2.1.1c	5,500	300	1650000	21 BH with 10 to 15m average depth

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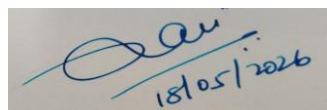
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3	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2,000	21	42000	21 Boreholes
4	Borehole plugging by cement	per borehole	2.2.8	10,000	21	210000	
5	Miscellaneous Charges (Transportation, Accommodation, Camp setup & Winding, Approach Road)	Lumpsum	2.2.9 (i)	For Drilling cost less than 50 Lakhs: 25% of the Drilling Cost	1	412500	For Drilling cost less than 50 Lakhs: 25% of the Drilling Cost
6	Drill Core Preservation	perm	5.3	1,590	200	318000	
Sub Total - C						2632500	
D	Pitting	per cu.m	2.1.2	4725	4	18900	
Sub Total - D						18900	
E	LABORATORY STUDIES						
i	Major oxides {WD- XRF)- (oxides+ traces - 24 elements)	Per Sample	4.1.17a	4200	204	8,56,800	189 core sample+ 15 (BRS + PTS)
iii	Check Samples (5% Internal+ 10% External) for Major oxides (CND XRF)- (oxides+ traces -24 elements)	Per Sample	4.1.17a	4,200	20	84,000	
iv	Analysis of one rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element (U, Ta, Ge, Be, Hf, Sn, As, Rb, Th) by ICP-MS (sequential technique)	Per Sample	4.1.15	7,400	20	1,48,000	
v	Check Samples for quantitative analysis of 14 REE elements + 9 trace element	Per Sample	4.1.15	7,400	2	14,800	
vi	Reactive silica analysis	Per Sample	4.1.19d	5,000	21	1,05,000	one Composite sample form each BH
E.1	Petrographic studies						
i	Preparation of thin polished sections	Per Sample	4.3.2	800	10	8,000	
ii	Study of thin sections	Per Sample	4.3.4	2800	10	28,000	

Suganya

18/05/2026

iii	XRD	Per Sample	4.5.2	4000	5	20,000	
vi	Bulk Density	Per Sample	4.8.3	2500	5	12,500	
						Sub Total-E	12,77,100
						Total	76,36,656
F	Miscellaneous Charges						
1	Preparation of Exploration Proposal		5.1	2% of cost		152733	EA will be reimbursed after submission of the Hard Copies and the soft copy of the final proposal along with Maps and Plan as suggested by the TCC-NMEDT in its meeting while clearing the proposal.
2	Geological Report Preparation		5.2	Total cost exceeding ₹50 lakh but less than 150 lakhs: ₹2.5 lakh		250000	Reimbursement will be made after submission of the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMEDT.
3	Peer review Charges			30000		30,000	As per EC decision
						Total F	4,32,733
G	Total Estimated Cost without GST (A+B+C+D+E+F)					80,69,389	8069389
H	Provision for GST (18%of G)					14,52,490	GST will be reimbursed as per actual and as per notified prescribed rate
I	Total Estimated Cost with GST					95,21,879	
						Or Sav Rs. In Lakhs	95.22
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 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.						

**Preliminary Exploration (G-3) for Bauxite and Associated Minerals, Lalpursani Block,
District: Dindori, Madhya Pradesh**

Sl.No.	Description		1	2	3		4	5		6	7		
1	Forest Permission	MONTHS				REVIEW			REVIEW				
2	Camp setting												
3	Geological Mapping + BRS Sampling												
4	Survey work												
5	Laboratory studies of BRS & PTS												
6	Drilling												
7	Sampling												
8	Laboratory studies												
9	Report Writing												

Supriya Singh *[Signature]*

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Agenda 28.1.10 Preliminary Exploration (G3) for Graphite & associated mineralization in Chiklar Block, Betul District, Madhya Pradesh.

Project ID: ME/IND/G3/MP/P/26-27/001

[Implementing Agency: M/s Vardan Environet LLP]

- a) The proposed 2.50 sq. km. area for preliminary exploration (G-3), falls in Survey of India Toposheet number 55G/13 in parts of Betul District, Madhya Pradesh. This project got in-principle approval in 26th TCC-II meeting.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	GSI informed that multiple exploration activities (G-4 and G-2 stages) for graphite and associated minerals have been carried out in the Betul area, including surveys in Tikari–Gauthana–Chiklar and surrounding regions, as well as tungsten reconnaissance. The studies indicate graphite mineralisation extending over ~3.5 km with variable widths and 5–17.3% fixed carbon, hosted in metasedimentary rocks and structurally controlled zones. As the proposed block lies adjacent to the explored area, it is considered prospective for further exploration of graphite and associated minerals.
2	DGM	DGM informed that the proposed area is fully covered under a prospecting proposal by M/s Kartikeya Exploration submitted earlier to NMEDT and is also partially covered (0.280 ha) by an auctioned composite license block. Further, earlier surface sample analysis indicated low graphite content (FC ~0.7%), below the cut-off (2–10%); hence, detailed prospecting is recommended for better assessment.
3	AMD	AMD informed that past G-4/G-3 stage uranium exploration has been carried out in and around the proposed block, which overlaps with previously explored AMD areas. Ongoing work includes radiometric surveys and geological mapping in the Gothana, Chiklar, and Betul areas. Grab samples (n=8) have shown up to 0.015% U ₃ O ₈ . Considering the uranium potential, analysis of uranium is recommended, and if any, during the exploration may be communicated to AMD for gamma ray logging.
4	MECL	The Chiklar area, Betul District, Madhya Pradesh proposed by M/s Vardan Environet Llp is not overlapping with any of the completed/ongoing/proposed blocks of MECL
5	NMEDT	The proposed block is 486 m away from the Tiger corridor.

- c) The Committee observed that the proposed block falls within the vicinity of Tiger corridor area and sought the views of State DMG, Madhya Pradesh regarding the corridor and its buffer zone. Accordingly, the Committee advised the agency to revise

the proposed block by excluding the Tiger corridor along with the 1 km buffer zone and to resubmit the modified DPR in the forthcoming TCC-II meeting.

Recommendations of TCC-II

The committee deferred the proposal and advised the agency to modify the proposed block by excluding the Tiger corridor along with its 1 km buffer zone and thereafter resubmit the DPR in upcoming TCC-II meeting.

28.2 Review of Ongoing Procurement Projects & Timeline Extension

Agenda 28.2.1 Financial assistance from NMEDT funds to procure machinery/ laboratory equipment/instruments etc. aimed at enhancing the exploration activities.

[Implementing Agency: DGM, Bihar]

- d) The project-I was recommended by 51st TCC held on 27th & 28th March 2023 and approved by 29th EC held on 31st March 2023 with schedule time for 12 months and sanction date 17.04.2023. The approved cost of the project was ₹ 15,50,000/-.
- e) DMG Bihar, has received the 1st instalment advance of ₹ 6,20,000/- for the project. The proposal was not presented by DMG, Bihar.

Sl. No.	Name of Item	Qty.	Estimated	Total Estimated cost (₹)	Procurement Status
			Cost per unit (₹)		
Project -I					
1	Handheld GPS	5	30,000	1,50,000	Under Process
2	Brunton Compass	5	8,000	40,000	Procured
3	Geological Hammer	5	8,000	40,000	Under Process
4	Digital Camera	2	10,000	20,000	Procured
5	GSI Software	1 License	13,00,000	13,00,000	Procured, Installed
	Total			15,50,000	
Project -II					
1	Handheld GPS	20	30,000	6,00,000	Under Process
	Total			21,50,000	

- f) In the 16th TCC-II meeting, the agency requested a six-month timeline extension for the procurement of the remaining Geological Hammers and GPS devices. The Committee recommended the proposal, which was subsequently approved in the 3rd PSC meeting along with an additional one-month extension, extending the timeline up to 31st January 2026.
- g) Subsequently, in the 22nd TCC-II meeting, the agency again sought a further extension of three months for the procurement of the remaining Geological Hammers and GPS devices. The TCC-II Committee recommended the proposal and extended the timeline up to 30th April 2026, which was approved in the 6th PSC meeting.

- h) Thereafter, in the 28th TCC-II meeting, the agency requested an additional extension of three months for procurement of the remaining Geological Hammers and GPS devices. The agency also informed the Committee that the tender for procurement of the remaining items had already been floated on the GeM portal. Considering the request, the TCC-II Committee recommended extension of the timeline up to 31st July 2026.

Recommendation TCC

The committee recommended the proposal for approval of PSC for 3 months timeline extension till 31st July 2026.

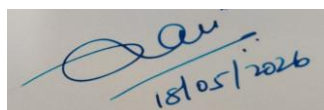
Agenda 28.2.2 Financial assistance from NMET funds to procure machinery/ laboratory equipment/instruments etc. aimed at enhancing the exploration activities.

[Implementing Agency: DGM, Arunachal Pradesh]

- a) DGM Arunachal Pradesh informed that the project was approved in the 28th EC meeting held on 16th March 2023. The sanction order was issued on 03rd April, 2023 for timeline of 12 months with an approved cost of ₹ 81,00,000/- for procurement of 1 DGPS machine and 5 nos. of GIS software.
- b) Further, DGM Arunachal Pradesh informed that the NMEDT had released the 1st instalment of **₹32.40/- lakh on 3rd April 2023**. Accordingly, the State Government procured 1 DGPS and 1 GIS software in the first phase. A copy of UC of 1st Instalment has already been submitted by the DGM Arunachal Pradesh.
- c) Subsequently, the NMEDT released the 2nd instalment of **₹32.40 lakh on 19th March 2025**. Accordingly, DGM Arunachal Pradesh procured 4 nos. of GIS software through the tender process. The supplier has submitted a bill amounting to **₹51,87,200/-** for payment. Therefore, DGM Arunachal Pradesh requested release of the balance amount of **₹16.20 lakh** towards final settlement to facilitate payment to the supplier. Copies of the bills have been enclosed herewith for ready reference. Further, DGM Arunachal Pradesh has also submitted the Utilization Certificate (UC) for the 2nd instalment to the NMEDT Secretariat.
- d) DGM Arunachal Pradesh requested for 6 months timeline extension up to 30th September 2026.
- e) The TCC-II Committee, after detailed deliberation, recommended the release of the balance amount of **₹16.20 lakh** to DGM Arunachal Pradesh, subject to submission of all requisite documents and verification by the NMEDT Secretariat. The Committee further recommended extension of the project timeline by 06 months, i.e., up to 30th September 2026, for completion of the remaining procurement under the project.

Recommendation of TCC-II:

The Committee recommended the release of the balance amount of ₹16.20/- lakh to DGM Arunachal Pradesh, subject to submission of all requisite documents and its verification by the NMEDT Secretariat. Further, the Committee also recommended extension of the project timeline by 06 months, i.e., up to 30th September 2026, for completion of procurement of machinery, laboratory equipment/instruments, and other related items under the project.



Agenda 28.2.3 Financial assistance from NMEDT funds to procure machinery/ laboratory equipment/instruments etc. aimed at enhancing the exploration activities.

[Implementing Agency: DGM, Telangana]

- a) The project was recommended in 63rd TCC meeting held on 22nd, 26th & 27th March 2024 and approved in 35th EC meeting held on 16th May 2024. Approved cost was ₹750.78/- Lakh with timeline of 12 months up to 21/10/2025.
- b) Following items were approved

Sl. no.	Software / Hardware/ Equipment	Quantity	Estimated Price / Unit (₹ In Lakhs)	Total Estimated cost (₹ in lakhs)
1	ICP-MS	1	250	250.00
2	WD XRF	1	220	220.00
3	AAS(F>A)	1	60	60.00
4	Planetary Ball Mill	1	30	30.00
5	Fusion bead machine	1	20.00	20.00
6	Press pallet machine	1	3.90	3.90
7	Hot Plates	5	0.15	0.75
8	Muffle furnace	5	1.00	5.00
9	Air Oven	1	0.55	0.55
10	Rock cutting, polishing and mounting unit	1	70.00	70.00
11	Stero Zoom Microscope	1	31.00	31.00
12	Transmitted and reflected light research microscope with software attached camera	1	18.58	18.58
13	GIS Software	1	25.00	25.00
14	DGPS	1	16.00	16.00
	Total			750.78

- c) In the 16th TCC-II Meeting, DMG Telangana informed the Committee that the 1st instalment amounting to 40% of the sanctioned cost (₹300.31 lakh) had been released on 22.10.2024. The agency further informed that space had been identified for the establishment of the chemical laboratory. Subsequently, the DMG Telangana requested a timeline extension of **six months** up to **30th April 2026**. The TCC-II Committee recommended the proposal and it was approved in the 3rd PSC meeting held on 15th December 2025.
- d) Procurement and establishment of the Chemical Laboratory by DMG Telangana was delayed due to shifting of offices and non-availability of space. Specifications for procurement of ICP-MS, WD-XRF, and AAS have been finalized and GeM notification is under process. GSI Hyderabad has identified space for the laboratory, and a joint proposal is to be submitted to MoM as directed by the Secretary, MoM. In view of the progress made, the Department requested a **6-month** extension for procurement and establishment of the Chemical Laboratory.
- e) The committee agree and recommended for timeline extension of **6 months** up to **31st October 2026**.

Recommendation TCC-II

- Procurement and establishment of the Chemical Laboratory by DMG Telangana was delayed due to shifting of offices and non-availability of space. Specifications for procurement of ICP-MS, WD-XRF, and AAS have been finalized and GeM notification is under process. GSI Hyderabad has identified space for the laboratory, and a joint proposal is to be submitted to MoM as directed by the Secretary, MoM. In view of the progress made, the Department requested a 6-month extension for procurement and establishment of the Chemical Laboratory.
- The committee recommended the proposal for approval of PSC for "Timeline extension of 06 months up to 31st October 2026".

Agenda 28.2.4 Financial assistance from NMEDT funds to procure machinery/ laboratory equipment/instruments etc. aimed at enhancing the exploration activities.

[Implementing Agency: DoTCI, Manipur]

- DoTCI Manipur informed that the project was recommended in the 48th TCC meeting held on 22nd and 23rd December 2022 and it was approved in the 27th EC Meeting held on 10th January 2023. The sanction order was issued on 18th April 2023 for timeline of 12 months with an approved cost of ₹ 2,21,35,000/-.
- The detailed of the Equipment/instruments are given below: -

DCI, Manipur					
S. No.	Item	Qty.	Estimated cost per unit (₹)	Total Estimated cost (₹)	Procurement Status
1	Digital Camera	3	60,000	1,80,000	Procured
2	Brunton Compass	3	10,000	30,000	Procured
3	Geologists Hammer	3	10,000	30,000	Procured
4	Handheld GPS	3	50,000	1,50,000	Procured
5	Handheld XRF	1	9,50,000	9,50,000	Not Procured
6	Scintilometer	1	6,00,000	6,00,000	Not Procured
7	Portable Water Analysis Kit	3	15,000	45,000	Procured
8	Pulverizer	1	6,00,000	6,00,000	Not Procured
9	Research Polarising Microscope with software attached camera for Transmitted and Reflected light with accessories	1	12,00,000	12,00,000	Procured
10	WD-XRF	1	40,00,000	40,00,000	Not Procured
11	Fusion bead machine	1	20,00,000	20,00,000	Not Procured
12	Press pellet machine	1	3,90,000	3,90,000	Not Procured
13	Hot Plates/Fume Hood	1	10,000	10,000	Procured

14	GIS software	1	13,00,000	13,00,000	Procured
15	Drilling machine up to 600 m capacity	1	70,00,000	70,00,000	Not Procured
	(Skid mounted) with all accessories (core barrels, casing, drill rods, bits, pulley wire rope etc)				
16	High Pressure water Pump	1	15,00,000	15,00,000	Not Procured
17	Core Splitter/Core splitter hydrostatic	1	2,00,000	2,00,000	Financial bid to be opened.
18	DGPS (1 set)	1	16,00,000	16,00,000	Procured
19	Total Station	1	3,00,000	3,00,000	Procured
20	Borehole Camera	1	50,000	50,000	Not Procured
			Total	₹2,21,35,000	
Additional Cost was approved 58 th TCC				₹24,42,794	
			Total	₹2,45,77,794	

c) In the 58th TCC Meeting, DoTCI Manipur informed that out of 20 items, the state government has floated the tender for 10 items, for which, ₹88,74,209.00/- is

Sl. No.	Equipment/software	Rate as approved by NMET (in ₹)	Bidder rate (in ₹)	Unit	TCC Recommendation
1	Hand Held GPS	50,000	55,000	3	1,65,000
2	Geologist Hammer	10,000	4,160	3	12,480
3	Portable Water Analysis	15,000	1,10,916	3	Revise Tender(In Consultation with GSI)
4	Research Polarising Microscope with software Transmitted and Reflected Light with accessories	12,00,000	21,00,414	1	21,00,414
5	GIS Software	13,00,000	24,54,400	1	24,54,400
6	DGPS	16,00,000	19,17,500	1	19,17,500
7	Total Station	6,96,000	7,69,000	1	7,69,000
8	Hot plate	10,000	60,227	1	Revise Tender(In Consultation with GSI)
9	Core Splitter Hydraulic	2,00,000	4,75,540	1	Revise Tender (In Consultation with GSI)
10	Digital Camera	60,000	1,96,300	1	Revise Tender(In Consultation with GSI)
					Total Rs.74,18,794

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required to procure the items. The committee approved ₹ 74,18,794/- for 6 items and suggested to revise the tender in consultation with GSI for 4 items as mentioned in the above table:-

d) Further, DoTCI Manipur informed that the NMEDT had released the 1st instalment of ₹88.54/- lakh on 27th April 2023. Accordingly, the State Government procured equipment/materials under Phase-I, against which an amount of ₹74,16,794/- was utilized during January 2024. Thereafter, under Phase-II, DoTCI Manipur procured additional items amounting to ₹12,99,000/-, which was utilized during January 2026. Thus, the total expenditure incurred so far is ₹87,15,794/- (₹74,16,794/- + ₹12,99,000/-).

e) List of the equipment procured is given below: -

Phase – I (purchased during January 2024)

Sl. No.	Equipment/ Software	Rate per Unit	Quantity	Total
1	Hand Held GPS	55,000	3	1,65,000
2	Geological Hammer	4,160	3	12,480
3	Research Polarising Microscope with software, Transmitted and Reflected Light with accessories	21,00,414	1	21,00,414
4	GIS Software	24,54,400	1	24,54,400
5	DGPS	19,17,500	1	19,17,500
6	Total Station	6,67,000	1	6,67,000
Total				74,16,794

Phase – II (purchased during January 2026)

Sl. No.	Equipment/ Software	Rate per Unit	Quantity	Total
1	SN Solution LED Display K Type Silicon Carbide (SIC) Rods Muffle Furnace	3,50,699	1	3,50,699
2	Digital Camera (Canon EOS 1500D)	49,900	3	1,49,700
3	Brunton Compass (Tru Arc 15)	19,900	3	59,700
4	Air Oven	2,19,700	1	2,19,700
5	Portable Air Analyser	58,781	3	1,76,343
6	Fume Hood	3,42,858	1	3,42,858
Total				12,99,000

f) List of the remaining equipment not procured by DoTCI Manipur are given below:-

S. No.	Name of Item	Qty.	Estimated Cost Per Unit	Total Estimated cost	Procurement Status
1	Handheld XRF	1	9,50,000	9,50,000	Not Procured
2	Scintilometer	1	6,00,000	6,00,000	Not Procured
3	Pulverizer	1	6,00,000	6,00,000	Not Procured

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4	WD-XRF	1	40,00,000	40,00,000	Not Procured
5	Fusion bead machine	1	20,00,000	20,00,000	Not Procured
6	Press pellet machine	1	3,90,000	3,90,000	Not Procured
7	Drilling machine up to 600 m capacity (Skid mounted) with all accessories (core barrels, casing, drill rods, bits, pulley wire rope etc)	1	70,00,000	70,00,000	Not Procured
					Not Procured
					Not Procured
					Not Procured
8	High Pressure water Pump	1	15,00,000	15,00,000	Not Procured
9	Borehole Camera	1	50,000	50,000	Not Procured
10	Core splinter/ Core splinter Hydrostatic	1	2,00,000	2,00,000	Not Procured
			Total	1,72,90,000	

- g) In the above connection, DoTCI Manipur informed that there is a balance of Rs.1,38,206/- plus accrued interest of Rs.2,53,918/- (i.e. Rs. 3,92,124/- in balance).
- h) However, DoTCI Manipur informed that due to unavailability of adequate manpower in the Directorate, no proposal has been made for procurement of the remaining equipment for which approval had been given by the Technical-cum-Cost Committee in its 48th meeting held on 22nd and 23rd December 2022.
- i) The TCC-II Committee advised the State Government to submit the Utilization Certificate (UC) along with all requisite documents, bills, and expenditure details, and to surrender the unutilized balance amount to the NMEDT Secretariat at the earliest.

Recommendation TCC-II

The Committee advised the State Government to submit the Utilization Certificate (UC) along with all requisite documents, bills, and expenditure details, and surrender the unutilized balance amount to the NMEDT Secretariat at the earliest.

Agenda 28.2.5 Financial assistance from NMEDT funds to procure machinery/ laboratory equipment/instruments etc. aimed at enhancing the exploration activities.

[Implementing Agency: DGM, Mizoram]

- a) Project -1: Approval of ₹309.32/- Lakh in the 27th EC of NMEDT held on 10th January 2023 for 12 months period. In 29th EC, the approved cost of WD- XRF (₹40Lakhs) was removed from Project 1 and approved as new item in Project 2. Time extension up to 31st March 2025 was approved in 37th EC held on 23rd September 2024.

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- b) Project 2: Approval of ₹195.99 Lakh in the 29th EC of NMEDT held on 31st March 2023 for 12 months period. Additionally, ₹2 Lakhs were approved for purchase of bomb calorimeter in the 35th EC of NMEDT held on 16th May 2025. Time extension up to 31st March 2025 was approved in 37th EC held on 23rd September 2024.
- c) The DGM Mizoram informed to the committee that for the Research Polarizing Microscope & Vibratory Cup Mill, State Government approval for procurement received on 06.05.2026. Purchase Order will be placed accordingly.
- d) For Fusion Bead Machine, Government approval for procurement received on 05.05.2026. Purchase Order will be placed accordingly.
- e) Similarly for Handheld GPS Government approval for procurement received on 05.05.2026. Purchase Order will be placed accordingly.
- f) For Drilling Machine along with Integrated Mud Pump and Drilling Accessories the Financial Bid was opened on 30.04.2026. GeM Meeting for Financial Evaluation scheduled on 07.05.2026. GeM Meeting Minutes (Financial Bid) will be submitted to the State Government for approval during this week, following which Purchase Order will be placed.
- g) The Agency further informed that a total amount of Rs. 2,92,32,000/- has been received as instalments under the NMEDT-funded projects, comprising one 1st instalment of Rs. 1,23,72,800/- for Project-I, 2nd instalment of Rs. 78,39,600/- for Project-II, and one instalment of Rs. 11,80,000/- for procurement of additional set of DGPS. Out of the total amount received, an amount of Rs. 2,46,94,849/- has already been utilized for procurement, available balance amount of Rs. 45,37,151/-. Thus, the overall fund utilization achieved so far is approximately 84.48% of the total funds released.
- h) It is further submitted that even if Purchase Orders are placed at this stage, the delivery period for such specialized equipment will typically range from 3-6 months. Therefore, completion of procurement, including supply and delivery, within the financial year 2025-26 is not practicable.
- i) In view of the above, The DGM Mizoram requested 6months timeline extension up to 30th September 2026 for procurement of remaining items under project -I and project-II.

Recommendation TCC-II

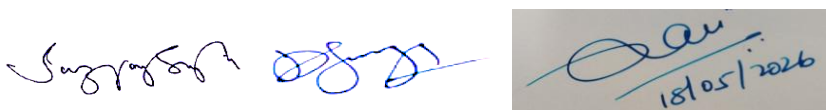
The Committee recommended the proposal for approval by the PSC for “extension of the project timeline by 06 months, up to 30th September 2026”, for procurement of the remaining items under Project-I and Project-II. The delay occurred due to late receipt of Government approval for procurement, which was received on 5th and 6th May 2026. Accordingly, the Purchase Orders will be placed.

28.3 Review of Ongoing Projects/ Completed Project & Timeline Extension

Agenda 28.3.1 Reconnaissance Survey for Graphite in Korapara Area, Bankura-District, West Bengal.

[Implementing Agency: M/s Maheshwari Mining Private Limited (MMPL)]

- a) The project was recommended in 3rd TCC-II meeting held on 5th and 6th December 2024 and approved in 39th EC meeting held on 24th January, 2025 with an approved cost of ₹122.34 Lakh (including GST). The sanction order was issued on 10th February 2025 for timeline of 10 months up to 09th December, 2025.
- b) In the 1st PSC meeting held on 9th October, 2025, the proposal was deferred seeking



justification for proposed additional quantum of work. During the project review in 22nd meeting of TCC-II held on 4th and 5th February, 2026, the agency justified the additional quantum of work on account of changes in the extent of trenching work and laboratory studies under the project. Accordingly, the committee recommended the proposal to PSC for approval of revised cost from ₹122.34/- lakh to ₹ 124.82/- lakh and timeline extension for 6 months up to **9th June 2026**. which was approved in 6th PSC meeting held on 2nd March, 2026.

- c) The agency informed the committee that the approval from the DFO, Kangsabati South Division, Purulia District, was received on 02.01.2026, while approval from the DFO, Bankura South Division, Bankura District, was received on 29.01.2026 for exploratory drilling on forest land.
- d) Subsequently, Resistance from the local Santali community against exploratory drilling in forest land has arisen due to the non-involvement of the local Joint Forest Management Committee (JFMC) during the forest clearance process. According to the villagers, this has reduced transparency and limited community participation in decisions related to the use of forest land. Intimation letters regarding the local resistance against forest clearances for exploratory drilling in forest land were submitted on 11.03.2026 by MMPL to the concerned Divisional Forest Officers (DFO Bankura south and Kangshabati South). However, no response has yet been received from the department regarding whether the issue can be resolved.
- e) Further agency informed that due to election period in West Bengal during the month of April, 2026 the progress of the process was delayed.
- f) Considering the facts, the Committee agreed to recommend timeline extension of 4 months up to **9th October, 2026**, for completion of all activities and submission of the final geological report.

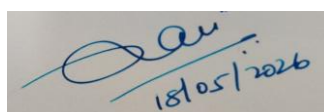

Recommendations of TCC-II

- ***The Committee recommended the proposal for approval of PSC for “timeline extension of 4 months up to 9th October 2026 for completion of the project”.***
- ***Forest clearance approvals were received in January 2026; however, exploratory drilling was delayed due to resistance from the local Santali community, pending response from concerned DFOs, and the election period in West Bengal during April 2026.***

Agenda 28.3.2 Reconnaissance Survey for Graphite in Korapara East Area, Bankura-District, West Bengal.

[Implementing Agency: M/s Maheshwari Mining Private Limited (MMPL)]

- a) The project was recommended in 4th TCC-II meeting held on 26th and 27th December, 2024 and approved in 39th EC meeting held on 24th January, 2025 with an approved cost of ₹125.17 Lakh (including GST) for a scheduled timeline of 10 months up to 9th December, 2025. The sanction order was issued on 10th February, 2025. In the 2nd PSC meeting held on 4th November, 2025, the proposal was deferred for further evaluation of cost and also to take a view on the addition of area i. e. whether additional area is permissible or not. During the project review in 22nd meeting of TCC-II held on 4th and 5th February, 2026, the committee recommended to PSC for approval of revised cost from ₹125.17 lakh to ₹ 170.47 lakh, due to addition of area, required to optimize the drilling cost and to check the subsurface continuity of mapped graphitic bands and also requested for timeline extension for 6 months up to **9th June 2026**. Subsequently, the recommendation was approved in 6th meeting of PSC held on 2nd March, 2026.
- b) The agency informed that the Forest Clearance from the DFO, Bankura South Division, Bankura District, was received on 29.01.2026. Subsequently, drilling rig mobilization,



drilling camp setup, and deployment of the drilling crew have been completed. However, resistance has been encountered from the local Santali community regarding the forest clearance granted for exploration drilling within forest land.

- c) Further, The local villagers have expressed concerns over the non-involvement of the Joint Forest Management Committee (JFMC) during the forest clearance process, which, according to them, has reduced transparency and limited community participation in matters concerning forest land. In this regard, MMPL submitted intimation letters to the concerned Divisional Forest Officers (DFO) regarding the local resistance and the resulting delay in commencement of drilling operations. However, no response has yet been received from the department regarding possible resolution of the issue. Due to election period in West Bengal during the month of April 2026 the progress of the process was delayed.
- d) Further, MMPL informed that so far, they have completed the Geological Mapping, Geophysical Survey, Trenching, Sampling and corresponding chemical analysis. However, further progress of the work has been halted due to resistance from local communities against exploratory drilling in forest land. Additionally, a total of 350 m of drilling remains pending owing to delays in obtaining forest clearances. Therefore, an extension of three (03) months, i.e., up to 9th September 2026, is required for completion of all activities and submission of the final Geological report.
- e) The Committee observed that the agency had not prepared the interpreted geological map. It was further noted that during the 22nd TCC-II meeting, out of the 7 proposed boreholes, only 6 boreholes were approved, excluding BH-2. The Committee advised the agency to strictly adhere to the recommendations of the Committee and avoid deviation from the decisions taken by TCC NMEDT.
- f) Considering the facts, the Committee agreed to recommend timeline extension of 03 months up to **9th September, 2026**, for completion of all activities and submission of the final geological report.

Recommendations of TCC-II

- ***The Committee recommended the proposal for approval of PSC for “timeline extension of 3 months up to 9th September 2026 for completion of the project”.***
- ***Due to the resistance and objections from the JFMC and local villagers, drilling operations could not be commenced despite obtaining the forest clearance from the concerned DFO on 29th January 2026 and completing all necessary mobilization activities. Consequently, the project has experienced an operational delay of almost 98 days (from 29th January 2026 to 7th May 2026).***

Agenda 28.3.3 Reconnaissance Survey (G4) for Rare Earth Elements and Rare Metals in the Meghawas–Nagana area (18 sq. km), Barmer District, Rajasthan. [Implementing Agency: M/s Mining Tech Consultancy Services Limited]

- a) The project was recommended in 8th TCC-II meeting held on 28th, 29th April & 2nd May 2025. The proposal was discussed during the 40th EC meeting held on 19th February 2025 (Pre-EC) and 20th February 2025 (EC). The EC opined that the proposal should be revisited and that only geological mapping and geochemical sampling be considered initially to assess the REE and RM content in the zone prior to undertaking detailed studies. The project was approved in 42nd EC meeting held on 2nd June, 2025, with approved cost of ₹ 30,47,319/- (Including GST) for a scheduled timeline of 5 months up to **30th November, 2025**.
- b) In the 16th meeting of TCC-II held on 3rd & 6th November, 2025, a timeline extension

was recommended for **3 months** for completion of the project up to **28th February, 2026**, which was approved in 3rd PSC meeting held on 15th December, 2025. Further, during 23rd meeting of TCC-II held on 16th and 17th February, 2026, a timeline extension was recommended for **2 months** for completion of the project up to **30th April, 2026**, which was approved in 6th PSC meeting held on 2nd March, 2026.

- c) Mining Tech Consultancy Services Limited informed that, they have completed the Geological Mapping, Pitting, Sampling and corresponding chemical analysis. Also, preparation of geological report (GR) is in final stage. The analytical result for ΣREE+Y+Sc ranges from 182.13 ppm to 694.39 ppm and showing averages around 509.65 ppm. Notable enrichment of Zirconium is observed in 17 samples (>1000 ppm), with the average 541.36 ppm along with Rubidium anomalies (>300 ppm) in 18 samples with the average 225.53 ppm. Further, the agency asked for **02 months** timeline extension up to **30th June 2026** for Peer Review and submission of final GR.
- d) The Committee agreed to recommend timeline extension of **02 months up to 30th June, 2026**, for Peer Review and submission of final GR.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “timeline extension of 02 months up to 30th June, 2026, for allotment of Peer Reviewer for review of final Geological Report (GR) and subsequent submission of the GR to NMEDT”.

Agenda 28.3.4 Preliminary Exploration (G3) for Limestone in Vadekhan Block, Rajkot District, Gujarat.

[Implementing Agency: M/s PRB Infraprojects Private Limited]

- a) The project was recommended in 9th TCC-II meeting held on 29th & 30th May, 2025 and approved in 43rd EC meeting held on 14th August, 2025, for scheduled timeline of 10 months up to 3rd July 2026. Sanction order was issued on 4th September, 2025, with an approved cost of ₹ 68,61,237/- (Including GST). The project was reviewed during 23rd TCC-II meeting held on 16th and 17nd February, 2026, where in the committee agreed for commencement of drilling in this project.
- b) PRB Infraprojects Private Limited informed that, all the assigned targets as per the approved quantum of work has been completed.
- c) The Committee agreed to the allotment of Peer Reviewer for review of final Geological Report (GR) and subsequent submission of the GR to NMEDT.

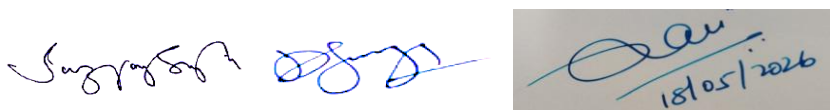
Recommendations of TCC-II

The Committee agreed to the allotment of Peer Reviewer for review of final Geological Report (GR) and subsequent submission of the GR to NMEDT.

Agenda 28.3.5 Reconnaissance Survey (G4) for Iron Ore in Mahakoshal Group around Chakdiya, Kushaniya, Jobra and Tusgaon area, Sonbhadra District, Uttar Pradesh.

[Implementing Agency: M/s GeoExpOre Private Limited]

- a) The project was recommended in 61st TCC meeting held on 30th & 31st January, 2024 and 07th February, 2024 and approved in 33rd EC meeting held on 19th February, 2024, for scheduled timeline of **9 months** up to **27th November, 2024**. Sanction order was issued on 28th February, 2024, with an approved cost of ₹ **95.41/-** lakhs (Including

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GST). The project was reviewed during 3rd TCC-II held on 5th and 6th December, 2024, where in the TCC-II recommended the revised cost of the project amounting to **₹110.54/- Lakh** (including GST) & timeline extension of **6 months** up to **26th May 2025**. In 4th meeting of TCC-II held on 26th and 27th December, 2024, again, the TCC-II recommended the revised cost of the project amounting to **₹195.44/- Lakh** (including GST) due to additional drilling. In the 39th EC meeting held on 24th January, 2025, the committee approved the recommendation of 3rd & 4th TCC-II, for revised cost of **₹195.44/- Lakh** (including GST) and timeline extension of **6 months** up to **26th May 2025**.

- b) The project was reviewed during the 8th meeting of TCC-II held on 28th, 29th April & 2nd May 2025, where in the agency requested a timeline extension of 6 months for completion of the project as the forest clearance was awaited, subsequently the committee recommended the proposal. In 42nd meeting of EC held on 2nd June, 2025, the timeline extension was accorded **6 months** up to **25th November 2025**. It was also informed during the 42nd EC, that the approval of TCC-II has already been obtained in its 7th meeting held on 24th and 25th March, 2025, for a revised cost of **₹ 211.96/- lakhs** (including GST).
- c) During the review of the project in 16th meeting of TCC-II held on 3rd & 6th November, 2025, the committee recommended timeline extension of **3 months** up to **24th February, 2026**, for completion of the project work. Subsequently, Timeline extension was approved up to **30th May, 2026**, in 3rd PSC meeting held on 15th December, 2025.
- d) The Agency requested for timeline extension of **4 months** up to **30th September, 2026**.
- e) The Committee agreed to recommend an extension of the project timeline by **4 months**, up to **30th September, 2026**, and noted that the results of the core samples would be reviewed upon availability.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “timeline extension of 4 months up to 30th September, 2026 for completion of the project work and submission of final GR.

Agenda 28.3.6 Preliminary Exploration (G3) for REE and associated minerals in Borana block, Bhilwara District, Rajasthan.

[Implementing Agency: M/s GeoExpOre Private Limited]

- a) The project was approved in the 35th EC Meeting held on 16th May, 2024. The sanction order was issued on 10th June, 2024 with scheduled timeline of **12 months** up to **09th June, 2025** with an approved cost of ₹1,46,98,108/- (including GST). In 4th meeting of TCC-II held on 26th & 27th December, 2024, additional 74m drilling and additional chemical analysis was recommended and the project cost was revised to ₹166.30/- Lakh (Including GST) which was approved in 39th EC meeting held on 24th January, 2025. Further, timeline extension of **5 months** up to **9th November, 2025**, was recommended in 8th meeting of TCC-II held on 28th, 29th April & 2nd May, 2025, and subsequently approved in 42nd EC meeting held on 2nd June, 2025.
- b) During the review of the project in 16th meeting of TCC-II held on 3rd & 6th November, 2025, the committee recommended timeline extension of **3 months** up to **8th February, 2026**, for project completion and it was approved in 3rd PSC meeting held on 15th December, 2025. The project was reviewed again in 21st meeting of TCC-II held on 19th and 22nd January, 2026. In 24th TCC-II meeting held on 2nd and 3rd March, 2026, agency informed that all approved quantum of work has been completed except the XRD analysis. In view of this, the committee recommended timeline extension of **3 months** up to **7th May, 2026** for GR submission which was approved in 7th PSC meeting held on 27th March, 2026.
- c) GeoExpOre Private Limited informed that, final geological report has been sent for

Peer Review on 23rd April, 2026, and requested for timeline extension of **2 months** up to **6th July, 2026**, for Peer Review and submission of final GR.

- d) The Committee agreed to recommend an extension of the project timeline by **2 months**, up to **6th July, 2026**, for Peer Review and submission of final GR.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “timeline extension of 2 months up to 6th July, 2026 for Peer Review and submission of final GR.

Agenda 28.3.7 Preliminary Exploration (G3) for Graphite and Associated Minerals in and Around Ankli Block, Dahod District, Gujarat.

[Implementing Agency: M/s GeoExpOre Private Limited]

- a) The project was recommended in 85th TCC-I meeting held on 27th November and 1st & 5th December, 2025, and approved in the 3rd PSC Meeting held on 15th December, 2025. The sanction order was issued on 8th January, 2026 with scheduled timeline of 12 months up to 7th January, 2027 with an approved cost of ₹310.37/- lakhs (including GST).
- b) GeoExpOre Private Limited informed that, geological mapping on 1:2000 scale of 2.2 sq. km area has been completed along with collection of 75 nos. of Bed Rock Sample (BRS). Proximate analysis of all 75 BRS has also been done. Out of 75 BRS Samples given for Proximate Analysis, 71 Samples are above Cut-off Grade with average Fixed Carbon (FC) % of 9.98% (0.97% to 24.72%).
- c) The Committee advised to the agency to prepare a revised detailed geological map of the project area incorporating comprehensive lithological data. The revised map should clearly indicate the continuity, thickness, and orientation/attitude of the graphite-bearing bands along with the associated lithological units and structural features for proper delineation of the graphite band. The Committee also suggested excavation of a few trenches at suitable locations to ascertain the lateral and strike extension of the graphite bands. The project will be reviewed again by the TCC after one month.

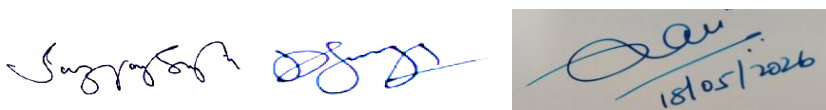
Recommendations of TCC-II

The Committee advised the agency to prepare a revised geological map. The project will be reviewed again in the upcoming the TCC-II meeting.

Agenda 28.3.8 Reconnaissance Survey (G4) for Limestone in Gunaur Pali Block, Panna District, Madhya Pradesh.

[Implementing Agency: Madhya Pradesh State Mining Corporation Limited (MPSMCL)]

- a) The project was approved in the 33rd EC meeting held on 19th February, 2024. The sanction order was issued on 28th February, 2024 with timeline of 9 months up to 27th November, 2024, with an approved cost of ₹ 52,98,986/- (Including GST). During the review in 7th TCC-II meeting held on 24th and 25th March, 2025, the agency requested timeline extension of 8 months for submission of GR. Subsequently, the committee recommended the timeline extension of **8 months** up to **27th July, 2025** for submission of GR which was approved in 42nd EC meeting held on 2nd June 2025.
- b) MPSMCL informed that approved area for the project was 75.1 sq. km. The middle portion of the area was excluded due to an overlap issue with a mining lease area raised by DMG, Madhya Pradesh. The work has been carried out in the available revised area of 33.91 sq. km. comprising Block-1 (22.7 sq. km) and Block-2 (11.2 sq.



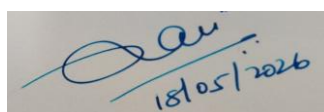

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km). Further, the agency informed that geological mapping has been completed and requested approval for drilling of 4 boreholes (BHs) and excavation of 5 pits in Block-1. Limestone in the Block is of cement grade with average CaO 44.13% and average MgO 1.65%. Further, the agency sought concurrence from TCC-II on whether further advancement of work in the project should be considered for Block-1 alone or for Block-1 and Block-2 together.

- c) The Committee observed that there has been a substantial delay in the execution of the project and in adhering to the scheduled timeline. The Committee sought guidance from NMEDT regarding the further course of action for this project.
- d) The agency informed that during deployment of the exploration team for pitting activities in November 2025, an overlapping issue concerning the block area came to notice. Due to the said issue, although pitting activities were completed, laboratory analysis of dispatched BRS samples was kept on hold pending clarification. In this regard, a letter was issued to the DGM, Madhya Pradesh on 25.11.2025 seeking clarification regarding the overlapping issue.
- d) Subsequently agency informed that The Delayed in the project due to administrative issues and monsoon conditions, exploration commenced in July 2025. Geological mapping and BRS sample collection were completed during August–September 2025, followed by sample preparation and dispatch during October–November 2025.
- e) Further, DGM, Madhya Pradesh issued letter dated 05.02.2026 and the same was received on 10.02.2026, wherein it was informed that out of the original 75 Sq. Km. block area, only 33.91 Sq. Km. area was available for exploration purposes. Further, the available area was distributed in two separate portions, namely Block-1 (11.21 Sq. Km.) and Block-2 (22.7 Sq. Km.). Following receipt of the above clarification, the pending analytical (BRS) and interpretational activities were resumed.
- f) NMEDT briefed the Committee on the reasons for the delay in execution of the project work and advised that the project may be considered for timeline extension to facilitate completion of the work and submission of the final geological report.
- g) The committee agreed to recommend timeline extension of 14 months up to 30th September, 2026, for completion of the work and submission of the final geological report. The Committee also agreed to the drilling of 4 boreholes (BHs) at 1600 m grid interval and excavation of 5 pits in Block-1. The committee opined that further advancement of work in the project should be considered for Block-1 alone.

Recommendations of TCC-II

- ***The Committee recommended the proposal for approval of PSC for “Timeline extension of 14 months up to 30th September 2026, for completion of the work and submission of the final geological report”.***
- ***The Committee also agreed to the drilling of 4 boreholes (BHs) and excavation of 5 pits in Block-1 and recommended that further advancement of work in the project should be considered for Block-1 alone.***
- ***The Delay in the project was due to administrative issues and monsoon conditions causing, exploration commenced in July 2025. Geological mapping and BRS sample collection were completed during August–September 2025, followed by sample preparation and dispatch during October–November 2025. During pitting work in November 2025, an overlapping issue was identified, and a letter was submitted to DGM, MP on 25.11.2025 and reply letter dated 05.02.2026 was received on 10.02.2026.***



Agenda 28.3.9 Preliminary Exploration (G3) of Ion-Adsorption and Laterite Hosted Supergene Enriched REE Deposits in Sung Valley Block (7.1 sq.km.), East Khasi and West Jaintia Hills Districts, Meghalaya.

[Implementing Agency: DMR, Meghalaya]

The status of the work was not presented properly by the agency before the Committee. Therefore, the Committee directed the agency to present the progress of the project in the next TCC-II meeting through a PowerPoint Presentation (PPT). The further course of action for the project will be decided accordingly.

Recommendations of TCC-II

The Committee advise the agency to present the detailed progress of the project in the upcoming TCC-II meeting.

Agenda 28.3.10 Reconnaissance Survey (G4) for Bauxite, Ga, V, Ti & REE in Reldi Moti area Kachchh District, Gujarat.

[Implementing Agency: M/s Critical mineral trackers (CMT)]

a) The project was recommended in 4th meeting of TCC-II held on 26th and 27th December, 2024 and approved in the 39th EC Meeting held on 24th January, 2025. The Sanction Order was issued on 10th February, 2025 for scheduled timeline of 10 months up to 9th December, 2025, with approved cost of ₹ 54.94/- Lakh (including GST). The project was reviewed in 9th meeting of TCC-II held on 29th & 30th May, 2025. In that meeting the committee recommended the revised cost of ₹71.54/- Lakh (including GST) due to the change from outsourced drilling to in-house drilling in the project. The proposed revised cost was approved in 43rd meeting of EC held on 14th August, 2025. During the project review in 23rd TCC-II meeting held on 16th and 17th February, 2026, the committee recommended timeline extension up to 31st March, 2026 for GR submission.

The project was reviewed again in 25th meeting of TCC-II held on 17th and 18th March, 2026, where in the Committee recommended the revised cost ₹68.82 Lakh (including GST) against the approved cost of ₹71.54 Lakh (Including GST) due to reduction in quantum of approved work viz. approach road making, drill core preservation, sample analysis etc. and timeline extension of 3 months up to 31st March, 2026, for GR submission. Subsequently, these recommendations were approved in the 7th meeting of PSC held on 27th March 2026.

b) CMT informed that the Peer Review of the final geological report (GR) has been completed and all modifications suggested by the Peer Reviewer have been incorporated in the final GR. Further, the agency sought concurrence of TCC-II for submission of the final GR.

c) The Committee agreed to the submission of final Geological Report.

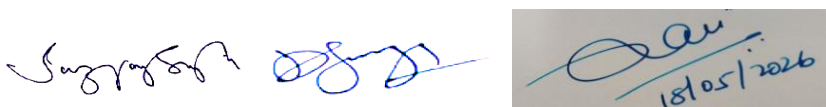
Recommendations of TCC-II

The Committee agreed for submission of final Geological Report to NMEDT.

Agenda 28.3.11 Reconnaissance Survey (G4) for Vanadium, Titanium and Gallium in Bauxite in Risewada-Lodhiwada Area, Balaghat District, MP.

[Implementing Agency: M/s Gemcokati Exploration Private Limited]

a) The project was recommended in 12th meeting of TCC-II held on 22nd, 25th, 26th & 27th August, 2025. In 1st PSC meeting held on 9th October, 2025 the project was referred to TCC-II as the comments of AMD and MECL were pending. During the review of the



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project in the 18th meeting of TCC-II held on 4th & 8th December 2025, it was informed by NMEDT that pending comments have been received and there is no negative comment about the proposal. Considering this, 18th TCC-II recommended the proposal, and it was approved in 3rd PSC meeting held on 15th December 2025, for a scheduled timeline of 8 months up to 7th September 2026, with an approved cost of ₹ 49.38/- lakhs (including GST). The sanction order was issued on 8th January 2026.

- b) Gemcokati Exploration Private Limited informed that geological mapping on 1:12,500 scale of 60 sq. km has been completed along with collection of 14 nos. of Bed Rock Sample (BRS). Analytical data of laterite samples indicate that Al₂O₃ values range from 19.07% to 51.06%, while TiO₂ values vary from 1% to 2%. Three small patches of laterite zones enriched in alumina and titanium has been identified. Further, collection of channel samples, pitting & pit sampling and corresponding chemical analysis shall be carried out after obtaining concurrence from TCC-II.
- c) The Committee opined that the work in the project may be continued as per the approved quantum of work. The analytical results from the area were not indicating encouraging outcome.

Recommendations of TCC-II

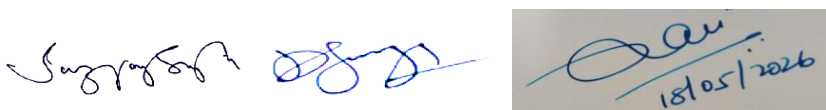
The Committee advised continuation of the work in the project as per the approved quantum of work.

Agenda 28.3.12 Reconnaissance Survey (G4) for REE and Associated Minerals in Nokhaniya area, Kachchh District, Gujarat.

[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]

- a) The project was recommended in 6th TCC-II meeting held on 27th, 28th February & 6th March 2025 and approved in 41st EC meeting held on 11th March 2025. Sanction order was issued on 19th March 2025 for approved cost of ₹ 2,39,21,668/- with timeline of 10 months up to 18th January 2026.
- b) The project was reviewed in 12th TCC-II meeting held on 22nd, 25th, 26th & 27th August 2025, and 18th TCC-II meeting held on 4th & 8th December 2025. In 18th TCC-II meeting the Committee approved a timeline extension of 2 months 13 days up to 31st March 2026, in view of the planned commencement of drilling activities in two boreholes located within the identified potential zones, which required additional time for proper execution. Further, in 4th PSC meeting held on 13th January 2026, the timeline extension up to 31st March 2026, was approved.
- c) MECL informed that a total 50 Bed Rock Samples have been analysed, out of which 10 samples are showing \sum REE+Y more than 500ppm and 2 samples showing \sum REE+Y more than 1000ppm, Y value ranges from 132.32ppm to 629.63ppm with average 314.21ppm. A total 90 samples from 42 Auger BHs have also been analysed which showed high \sum REE+Y up to 1154.82ppm. 26 Nos of Pit samples were also analysed where \sum REE+Y is varying from 161.43 ppm to 1101.68 ppm.
- d) On basis of the encouraging result, further, MECL request for approval of two additional boreholes each of 50 m depth along with time extension till 31st August 2026 for the completion of the project as the EPMA study is still pending.
- e) After detail deliberation, committee advised to drill two boreholes with average depth of 50m for each, one in strike direction of the positive drilled borehole and another in dip direction of the positive drilled borehole to intersect the same mineralised band. The committee also agreed to recommend the proposal for timeline extension of 4 months up to 31st July 2026.

Recommendations of TCC-II



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The Committee recommended the proposal for approval of PSC for “timeline extension of 4 months up to 31st July 2026, the extension has been granted in view of the planned commencement of drilling activities in two boreholes with average depth of 50m for each along with chemical analysis, EPMA study and GR submission.

Agenda 28.3.13 Reconnaissance Survey (G4) for REE, Glauconite and Associated Minerals in Devpur area, Kachchh District, Gujarat.

[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]

- a) The project was recommended in 6th TCC meeting held on 27th and 28th February 2025 & 6th March, 2025, and approved in the 41st EC Meeting held on 11th March 2025. The sanction order was issued on 19th March 2025, with scheduled timeline of 10 months up to 18th January 2026, with an approved cost of ₹284.16/- Lakhs (Including GST). The 1st review was done in 12th meeting of TCC-II held on 22nd, 25th, 26th & 27th August 2025. and committee advised for continuation of work as per approved quantum of work.
- b) Further, the project was reviewed again in 19th meeting of TCC-II held on 16th & 17th December 2025, MECL informed that geological mapping on 1:12,500 scale of 138.52 sq. km. area has been done along with collection of BRS samples (for REE) and pitting. Chemical analysis for 150 samples including 50 BRS, 19 Pit & 81 Auger drill samples have been done. Gritty Ferruginous Sandstone in the eastern part of the block shows relatively higher value of $\Sigma\text{REE}+\text{Y}$ (up to 0.14% $\Sigma\text{REE}+\text{Y}$), the Pit samples from Pit No-4 and Pit No-5 dug in the eastern part shows higher value of $\Sigma\text{REE}+\text{Y}$ (up to 0.26% $\Sigma\text{REE}+\text{Y}$). The 10 Nos of BRS samples which shows $\Sigma\text{REE}+\text{Y} > 0.05\%$ are having Y values 42.29 ppm to 587.58 ppm with average 216.27 ppm. The Y value in Pit samples where higher value of REE observed, enriched up to 0.12% of Y. Glauconitic horizon is not present near the surface. As observed, K₂O% is encouraging in 8 nos. of samples up to 4.66 % of K₂O. XRD and petrographic study under progress to understand the contributor of K₂O%. The agency proposed 3 nos. of scout boreholes with 100m depth.
- c) In the 19th TCC-II Meeting, the Committee recommended timeline extension of 3 months, up to 31st March 2026, for submission of the final Geological Report (GR), which was approved in 4th PSC meeting held on 13th January 2026.
- d) In accordance with the committee's recommendation in 19th meeting of TCC-II, three boreholes were drilled. Two boreholes were drilled each with 50 m depth and one borehole was drilled with 100 m depth. A total 75 nos of borehole core samples were analysed and observed that 27 Nos of samples showing $\Sigma\text{REE}+\text{Y}$ value more than 500 ppm whereas 12 samples were showing $\Sigma\text{REE}+\text{Y}$ value more than 1000 ppm. MECL requested to drill further boreholes with time extension till 31st August 2026. Major oxide analysis of 20 nos. of samples was also requested by the agency
- e) After detail deliberation, committee opined to drill further two boreholes with 100 m depth each, one in between the 2nd and 3rd Borehole and one in the dip direction to intersect the same mineralised zone. 20 nos of REE bearing samples may be analysed for oxides using the approved oxide analysis quantum for glauconite. The committee also agreed to recommend the proposal for timeline extension of 4 months till 31st July 2026.
- f) The agency Scout drilling of 200 m has already been completed for REE against the approved target of 300 m. However, the agency has also an approved quantum for scout drilling of 500 m for Glauconite, against which no drilling has been done. Therefore, the Committee opined that 100 m of drilling may be reduced from the approved drilling quantum for Glauconite and utilized for REE exploration. Any corresponding changes in the project cost should be brought to the notice of the TCC,

- by the agency, for further necessary action].
- g) The Committee also agreed for additional major oxide analysis of 20 nos. of samples, for which revised cost will be evaluated in next TCC meeting, followed by its recommendation to PSC for approval.

Recommendations of TCC-II

The Committee recommended the proposal for approval by PSC for a timeline extension of 4 months, up to 31st July 2026, considering the proposed commencement of drilling activities in two boreholes with average depth of 100m, along with chemical analysis, EPMA studies, and submission of the Geological Report (GR).

Agenda 28.3.14 Reconnaissance Survey (G4) for REE and Phosphorite in Sumarsar area, Kachchh District, Gujarat.

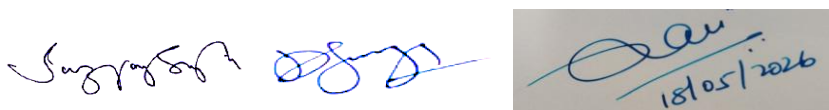
[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]

- a) The project was recommended in 6th TCC-II meeting held on 27th, 28th February, 2025 & 6th March, 2025, and approved in the 41st EC Meeting held on 11th March, 2025. The sanction order was issued on 19th March, 2025, for scheduled timeline of 10 months up to 18th January, 2026, with an approved cost of ₹177.60/- Lakh (Including GST). The project was reviewed in 12th meeting of TCC-II held on 22nd, 25th, 26th & 27th August, 2025. During its review in 20th meeting of TCC-II held on 2nd & 5th January, 2026, the committee recommended timeline extension up to 30th April 2026, for submission of the final Geological Report which was approved in 4th PSC meeting held on 13th January, 2026.
- b) Further the project was reviewed in 20th meeting of TCC-II held on 2nd and 5th January 2026. MECL informed that geological mapping of 100.20 sq. km. area on 1:12,500 Scale has been done along with collection of 50 BRS, 10 Pit samples and 88 Auger drill samples. Two potential areas of 11 sq. km. and 5 sq. km. have been identified and drilling in 3 scout boreholes with total 300m depth was proposed. Values of Σ REE in BRS range from 58.78ppm to 1527.08 ppm; in Pit samples the maximum value is 527ppm and in Auger BH samples the value ranges from 535.94ppm to 694.14ppm. The agency further requested for timeline extension of 3 months and 12 days up to 30th April 2026. However, the committee did not agree to the commencement of drilling in the project.
- c) MECL discussed the findings of Nokhaniya Block in this meeting, i.e., 28th TCC-II and after detailed deliberation, committee opined to conclude the exploration in the block as one borehole of Nokhaniya block drilled in the vicinity of Sumarasar block did not intersect any promising REE bearing zones. Further, the Agency requested for timeline extension up to 31st August 2026, for completion of the project work and submission of final geological report (GR).
- d) The Committee agreed to recommend timeline extension of 3 months up to 31st July, 2026, for completion of the project work and submission of final GR.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “timeline extension of 3 months up to 31st July 2026, for preparation of GR, peer review and GR submission.

Agenda 28.3.15 Preliminary Exploration (G3) for Graphite in Dahita Block, District-Bargarh, Odisha.



Handwritten signatures and dates: 18/05/2026

[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]

- a) The project was recommended in 78th TCC-I meeting held on 26th, 27th & 30th June, 2025, and approved in the 43rd EC Meeting held on 14th August, 2025. The sanction order was issued on 8th September, 2025, for scheduled timeline of 12 months up to 7th September, 2026, with an approved cost of ₹203.14/- Lakh (Including GST).
- b) MECL informed that first phase of work has been completed including geological mapping, geophysical survey and collection of 20 nos. of Bed Rock Sample (BRS). A total 8 possible areas for Graphite & Manganese mineralisation have been identified through geophysical SP survey and 3 potential zones of Graphite mineralisation has been observed during geological field work. Further, the Agency requested for commencement of drilling.
- c) The Committee agreed for 200m of total drilling in 3 scout boreholes (BHs) with average depth of 60m for each BH. The Committee advised for some trenching for locating the Manganese mineralisation.
- d) Revised cost will be evaluated in next TCC meeting.

Recommendations of TCC-II

The Committee agreed for 200m of total drilling in 3 scout boreholes (BHs) with average depth of 60m for each BH.

Note: Revised cost will be evaluated in next TCC meeting.

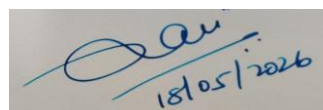
Agenda 28.3.16 Preliminary Exploration (G3) for Graphite in Jhab Block, District-Dahod, Gujarat.

[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]

- a) The project was recommended in 7th TCC-II meeting held on 24th and 25th March, 2025, and approved in the 42nd EC Meeting held on 2nd June, 2025. The sanction order was issued on 23rd June, 2025, for scheduled timeline of 15 months up to 22nd September, 2026, with an approved cost of ₹203.14/- Lakh (Including GST).
- b) MECL informed that first phase of work has been completed including geological mapping, geophysical survey, trenching and collection of 84 nos. of trench samples. A total of 10 Graphite bands has been identified.
Further, the Agency informed that the identified Graphite bands extend beyond the present block boundary and continue towards the southern adjoining area. So, addition of the potential area and revision of the block boundary was requested by the agency. Also, the agency requested revision in the applicable rate for Vanadium analysis as per Clause 4.1.7(a) of SoC (2020) instead of additional element rate of ₹ 421/- (Clause 4.1.15(b)).
- c) The Committee advised the agency to collect additional structural data from both limbs of the folded area to better understand the structural disposition. The Committee recommended first-level drilling at 400 m × 400 m spacing with 30 m vertical depth in the limb portions and 200 m × 200 m spacing in the hinge zone of the major fold formed by graphite bands. Infilling boreholes may be planned after review of the first-level drilling results. The Committee also agreed to the proposed revision of the block boundary and change in the rate for Vanadium analysis.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “revision of the block boundary to cover the graphite bands extending beyond the present block area



and change in the rate for vanadium analysis as per Clause 4.1.7(a) of SoC (2020), in place of the additional element rate of ₹421/- under Clause 4.1.15(b)”.

Note: Revised cost will be evaluated in upcoming TCC-II meeting.

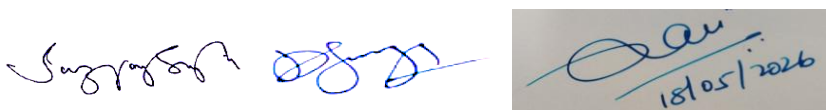
Agenda 28.3.17 Reconnaissance Survey (G4) for REE in the Goma River Basin, Dahod, Chhota Udaipur and Panchmahal Districts, Gujarat.

[Implementing Agency: M/s. Geovale Services Private Limited]

- a) The project was recommended in the 6th TCC-II meeting held on 27th, 28th February, and 6th March, 2025, and approved in the 41st EC Meeting held on 11th March 2025. The sanction order was issued on 13th March 2025 for scheduled timeline of 12 months up to 12th March 2026 with an approved cost was ₹256.49/- Lakhs (Including GST).
- b) The project was reviewed in 24th TCC-II meeting held on 2nd and 3rd March, 2026, where in the committee recommended the revised cost of ₹ 278.29/- lakhs (Including GST) against approved cost of ₹ 256.49/- lakhs (Including GST), due to replacement of Auger drill by Diamond Core Drill, additional samples for Heavy Liquid Separation and mineralogical estimation of heavies through modal analysis, enhancement of geophysical components and timeline extension of 6 months, up to 31st August 2026.
- c) However, in 7th meeting of PSC held on 27th March 2026 the recommendation was not approved and the Chairman, TCC-II was also agreed upon revisiting the recommendation made during 24th meeting of TCC-2.
- d) The agency informed that slow progress of project activities due to delays associated with the NABET reaccreditation procedures (Gazette notification received on 9th December, field activity resumed from December to March).
- e) Anticipated hindrance to fieldwork activities during the monsoon season. It may kindly be noted that, after receiving recommendation from the 24th TCC-II meeting, the proposal for timeline extension, along with certain NQT updation requests and modification in drilling methodology (from auger drilling to core drilling), was taken up in the 7th PSC meeting held on 27th March 2026. PSC advised to continue the project with auger drilling. However, the matter related to timeline extension was somehow not recorded in the minutes of the 7th PSC meeting. Given these circumstances, we request an extension of the proposed timeline up to 30th November 2026 to successfully complete the project, including drilling, subsurface sample analysis and submission of the GR.
- f) In the 28th TCC-II Meeting, after detailed deliberations, the Committee advised the agency to submit proper justification for the timeline extension in the context of the observations made during the 7th PSC Meeting. In compliance, the agency submitted the justification vide email dated 11th May 2026, as referred to in the above points (d) and (e).
- g) After considering the above justification submitted by the agency, the Committee agreed and recommended the proposal for approval of PSC for “timeline extension of 8 months and 18 days, from 12th March 2026 up to 30th November 2026,” for completion of the project, including drilling, sample analysis, and submission of the Geological Report (GR)

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “timeline extension of 8 Months 18 days from 12 March 2026 to up to 30st November 2026, for complete the

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project, including drilling, sample analysis and submission of the GR.

28.4 Project Evaluation for In-Principle Approval

Agenda 28.4.1 Preliminary exploration (G3) for Vanadium, Barium and associated minerals in Patangaon Block, Champawat District, Uttarakhand

PoME/IN/G3/UK/P/25-26/040

[Implementing Agency: M/s Ocean Drilling and Exploration Private Limited Project Id:

- a) The proposed 2.07 sq. km. area for preliminary exploration (G-3), falls in Survey of India Toposheet number 53O/15 in parts of Champawat District, Uttarakhand.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	At present, a G3 stage of investigation is taken up by SU:UK, GSI for FS-2026- 27. The block under study overlaps with the proposed exploration block of NPEA. (~70-80% overlapping)
2	DMG	Comments not available
3	AMD	The block proposed is not overlapping with explored block and ongoing blocks.
4	MECL	The block proposed is not overlapping with explored block and ongoing blocks.
5	NMEDT	There are no completed or ongoing NMEDT-funded projects in the proposed block.

- c) The agency referenced a G4 study carried out by GSI in FS 2024-25 for Vanadium and allied metals mineralization in Amora Group of rocks to access the mineral potential of the area and demarcate the carbonaceous phyllite bands. The agency showed BRS values: - Vanadium: 10 - 2842 ppm (mean: 537 ppm); Barium: 82 – 7821 ppm (average: 2014 ppm), Channel samples values: Vanadium: 93 ppm – 4260 ppm (mean: 993 ppm); Barium: 410 – 28,529 ppm (average: 4733 ppm). While one samples yielded more than 4000 ppm of Vanadium. Also, the corresponding Ba values are found high, with a maximum of 28,529 ppm.
- d) The Committee did not agree to accord in-principle-approval to the proposal as 70% to 80% of the proposed block overlaps with the GSI's G3 block of FS 2026-27.

Recommendations of TCC-II

The Committee did not agree to accord in-principle-approval to the proposal as 70% to 80% of the proposed block overlaps with the GSI's G3 block of FS 2026-27.

Agenda 28.4.2 Preliminary exploration (G3) for Glauconitic Potash in Bhatun-Jatwari Block, Karoli District, Rajasthan.

[Implementing Agency: M/s Ocean Drilling and Exploration Private Limited

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- a) The proposed exploration block covering an area of 13.27 sq. km falls in Survey of India Toposheet Nos. 54B/11 and 54B/15, located in parts of Karoli District, Rajasthan. The proposal was earlier discussed in the 8th TCC-II meeting, wherein the Committee observed that several potash exploration projects had already been approved under NMEDT funding. Accordingly, the Committee opined that the outcomes of those ongoing projects should be reviewed before considering additional proposals on the same mineral commodity. Therefore, the Committee did not agree to accord in-principle approval to the project during the 8th TCC-II meeting.
- b) During the present deliberations, the Committee referred to the earlier discussions and observed that details of completed as well as auctioned potash blocks located within and around the proposed block area should be made available for proper evaluation of the proposal. In this regard, the Committee advised NMEDT to collect and compile relevant block-wise information, including exploration status and auction details, to facilitate an informed decision in the forthcoming TCC meeting.

Recommendations of TCC-II

The Committee advised NMEDT to collect and compile relevant block-wise information, including exploration status and auction details of completed and auctioned potash blocks in and around the proposed area, for detailed examination of the proposal in the next TCC meeting. Further, the Committee decided to keep the proposal on hold till the upcoming TCC meeting.

Agenda 28.4.3 Reconnaissance Survey (G4) for Lithium, Beryllium and associated Mineralization in and around Kankheta Area, Korba District, Chhattisgarh.

Project Id: ME/IN/G4/CT/P/25-26/052

[Implementing Agency: M/s Geoexpore Pvt. Ltd.]

- a) The proposed 89.29 sq. km. area for reconnaissance survey (G-4), falls in Survey of India Toposheet number 64J/06 & 64 J/10 in parts of Korba District, Chhattisgarh.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	Partial overlap with the coal exploration area with GSI previous works 1984-85.
2	DMG	Comments not available
3	AMD	AMD is carrying out reconnaissance survey (G4 stage) and subsurface exploration for critical minerals in and around proposed block area. The proposed block overlaps with exploration block of AMD. In view of the above, the proposed block is not recommended in the interest of ongoing subsurface and future exploration by AMD for critical and strategic minerals.
4	MECL	The block proposed is not overlapping with explored block and ongoing blocks.

5	NMEDT	There are no completed or ongoing NMEDT-funded projects in the proposed block.
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- c) The agency referenced a G4 study carried out by GSI in FS 2018-19 Lithium and Associated Rare Metals in Katghora-Garhtara Area, Korba District, Chhattisgarh. A total of 62 bedrock samples, 26 Pits & Trench samples, 52 channel samples, 138 petrochemical samples, 10 XRD samples, 15 REE samples, 13 Trace Element samples, 10 SEM samples, 10 EPMA samples and 04 ICP-MS samples were collected during the field study. Chemical analysis of the collected samples identified varying concentrations lithium, Beryllium, rubidium, niobium, and other rare elements within the Chhotanagpur Gneissic Complex (CGC) Supergroup. Notably, the Homophanus Leucogranite (Li range 25-2000 PPM), Granitic pegmatites (Li range (160-600 PPM), Pegmatite (Li range 10-440 PPM & Be range 5-11632 PPM), Quartz – Tourmaline (Li range 35-115 PPM) and Foliated Biotite Granite (Li up to 275 PPM).
- d) The committee did not accord in-principle approval as the proposed block overlap with exploration block of AMD.

Recommendations of TCC-II

The committee did not accord in-principle for the project proposal as the proposed block overlap with exploration block of AMD.

Agenda 28.4.4 Reconnaissance Survey (G4) For REE Around Maa Asura Kumari Temple Area, Nayagarh District, Odisha

Project Id: ME/IN/G4/OD/P/26-27/001

[Implementing Agency: M/s Geoexpore Pvt. Ltd.]

- a) The proposed 43.54 sq. km. area for reconnaissance survey (G-4), falls in Survey of India Toposheet number 73 H/08 in parts of Nayagarh District, Odisha.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	The proposed block is partly overlapping with ongoing REE exploration block (FSP 2026-27) of GSI.
2	DMG	Overlaps slightly with south eastern part of Bausiapada proposal of Eartnenviro Lab Private Limited.
3	AMD	There is no ongoing exploration / reconnaissance project.
4	MECL	The block proposed is not overlapping with explored block and ongoing blocks.
5	NMEDT	There are no completed or ongoing NMEDT-funded projects in the proposed block.

- c) The agency referenced a G4 study carried out by GSI FS 2022-23 for REE and RM mineralization. The agency informed that the report confirmed the collection of 60 bedrock samples, 50 pit and trench samples, 30 stream sediment samples, 70 regolith samples, 23 petrochemical samples, 10 XRD samples, 233 REE and associated element samples (Zr, Hf, Ti, Th, Nb, Ta, U), 20 major and trace element samples, and 10 EPMA samples during the course of the field study. Chemical analyses of these

samples revealed significant variations in the concentrations of rare earth elements (REE), cesium, barium, and strontium within the Charnockite and Khondalite rocks of the Eastern Ghat Mobile Belt Supergroup. Remarkably high REE concentrations were recorded in Apatite (up to 52,743 ppm), Apatite–Pyroxene bearing Syenite (up to 33,924 ppm), Pyroxenite (up to 40,007 ppm), and Syenite (up to 5,299 ppm).

- d) The committee advised the agency to collect 4-5 samples from the field ground work, modify the area and resubmit the proposal. The committee deferred the proposal for upcoming TCC-II meeting.

Recommendations of TCC-II

The Committee deferred the proposal due to the overlap of the proposed area with the ongoing REE exploration block (FSP 2026–27) of GSI and advised the agency to exclude the overlapping northern portion of the block. The Committee further advised the agency to visit the field, collect 4–5 samples, and resubmit the modified proposal in the upcoming TCC-II meeting.

Agenda 28.4.5 Reconnaissance Survey (G4) of REE and associated minerals in Jamunali Area, Angul District, Odisha

Project ID: ME/IN/G4/OD/P/25-26/045

[Implementing Agency: M/s Eartnenviro Lab Private Limited]

- a) The proposed 69.0 sq. km. area for reconnaissance survey (G-4), falls in Survey of India Toposheet number 73 D/13 in parts of Angul District, Odisha.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	The proposed block is partially overlapping with a G3 block of GSI for coal exploration carried out during FSP 2013-16.
2	DMG	The area forms a part of the Talcher Coal Field. The proposed area has not been covered by DoMG. A small part in north eastern side of the proposed area is overlapping with Radhikapur West Coal Lease.
3	AMD	There is no ongoing exploration / reconnaissance project.
4	MECL	The block proposed is not overlapping with explored block and ongoing blocks.
5	NMEDT	The proposed block is overlapping with the Tiger Corridor as per PM Gati-shakti Portal.

- c) The agency informed the committee a total of 17 stream sediment samples from the proposed block were collected during the NGCM programme. Of these, 12 samples contain more than 500 ppm to 2000ppm ΣREE. High-grade anomalies include 3 samples exceeding 1,000 ppm and 9 samples over 500 ppm. During FSP 2023–24, GSI's G4 exploration to north of the proposed block confirmed secondary REE enrichment, particularly in ferruginous sandstones of the Kamthi Formation, derived largely from khondalite rocks of the EGMB. Petrographic and SEM studies identified monazite and zircon as the main REE-bearing minerals.

- d) The committee did not accord in-principle approval as the proposed block overlap with the Tiger Corridor.

Recommendations of TCC-II

The Committee did not agree to accord in-principle-approval to the proposal due to overlapping of the proposed area with a Tiger Corridor.

Agenda 28.4.6 Reconnaissance Survey (G4) Of REE and associated minerals In Sarankul Area (117 Sq. Km), District- Nayagarh, Odisha

Project ID: ME/IN/G4/OD/P/25-26/050

[Implementing Agency: M/s Eartnenviro Lab Private Limited]

- a) The proposed area of 117 sq. km. for reconnaissance Survey (G4), falls in Survey of India Toposheet no. 73H/4, in parts of Nayagarh District, Odisha.
 b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	In the proposed block, GSI has not yet carried out any REE exploration work.
2	DMG	The part of the proposed area is covered by DoMG in Field Season-2003-04 in 1:25,000 scale. The lithotypes encountered in the area are Charnockite, granite gneiss, pink granite, vein quartz & pegmatite. The area is overlapping with Patharkata block proposed by MECL
3	AMD	There is no ongoing exploration / reconnaissance project.
4	MECL	The proposed Sarankul area is overlapping with the proposed MECL Patharkata block in the southern part for which consent from the state govt. has been accorded.
5	NMEDT	There are no completed or ongoing NMEDT-funded projects in the proposed block.

- c) The agency informed that previously GSI has done mapping and exploration work in this area during FS 2018-20 (STM) and FS 2021-22. Σ REE content of regolith samples varies from 228.86 ppm to 4,031.67 ppm whereas in stream sediment samples it varies from 214.86 ppm to 2,225.67 ppm and for BRS sample it varies from 89.409 ppm to 24,689.11 ppm. From the chemical data of GSI in North East side, the highest value for Σ REE detected was 52744 ppm from apatite. The selection of this block is based on strong NGCM anomalies in BRS, earlier exploration successes, and confirmed REE hosting lithologies like Leptynite.
 d) The Committee opined that the syenite bands reported by GSI are very thin. The Committee advised the agency to revisit the area to confirm the occurrence of REE-fertile litho-variants through field observations and collect representative samples for analysis to establish REE potential. The agency was further advised to independently collect 4–5 samples and resubmit the proposal based on favourable analytical results

Recommendations of TCC-II

The committee deferred the proposal to upcoming TCC-II meeting due to overlap of the area with MECL's block and advised the agency to revise the area and revisit the ground and collect 4-5 samples independently. Based on favourable analytical results, the proposal may thereafter be resubmitted for review.

Agenda 28.4.7 Reconnaissance survey (G4) for REE and other associated REE mineralization within Chhotanagpur Granite Gneissic Complex in and around Bairdih Kalan Karamdih, Idaripath, Magaji, Bairdih Khurd, Laxmanpur, Bengani, Champanagar, Tatijhariya etc. Areas of Balrampur District of Chattishgarh.

Project ID: ME/IN/G4/CT/P/25-26/036

[Implementing Agency: M/s Indian Mine Planners and Consultants]

- a) The agency informed the committee that they have inadvertently put the agenda for this TCC-II as this project had already been discussed in 95th TCC-I meeting.
- b) The committee rejected the proposal as it had already been discussed in 95th TCC-I meeting.

Recommendations of TCC-II

The committee rejected the proposal as it had already been discussed in 95th TCC-I meeting.

Agenda 28.4.8 Reconnaissance Survey (G4) for paleo-placer Gold (Au) in Quartz Pebble Conglomerate of Proterozoic Dhanjori Basin, East Singhbhum District, Jharkhand.

[Implementing Agency: M/s Shijay Projects India Pvt. Ltd]

- a) The proposed Reconnaissance survey (G4) of 99.83 sq. km. area, falls in Survey of India Toposheet number 73J/6 in parts of East Singhbhum District, Jharkhand. This project was deferred in 25th TCC-II meeting.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	The proposed block overlap marginally with the northern part of CGPB approve STM project for fs 2026-27. A major portion of the proposed block has already been investigated for gold during FS 1989-91 as basal quartz pebble conglomerate and basic volcanics of Dhanjori basin on 1:50,000 scale. In northern part of the proposed block also exploration for basemetals and polymettalic Sulphide mineralization has been carried out by GSI, including apatite investigation in 1987 and 88 which covers a major part of the proposal towards its south eastern corner. Basemetal exploration work fs 1990-91, 1997-98 in the eastern side of the proposed block.
2	DMG	DMG informed that the proposed area does not overlap with any past or ongoing projects.
3	MECL	No overlap with explored and ongoing blocks.

4	NMEDT	HCL three mining leases overlap with the eastern boundary of the proposed block. No overlap with completed or ongoing NMEDT- funded projects in proposed block.
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- c) The agency informed the Committee that the study area is located along the margin of the Central Archaean Singhbhum Craton and is surrounded by Palaeo-Proterozoic volcano-sedimentary sequences of the Singhbhum, Dhanjori, and Dalma Groups. The Dhanjori basin unconformably overlies the Iron Ore Group basement and hosts significant gold mineralization, particularly within Quartz Pebble Conglomerate (QPC) horizons and pebbly quartzite. Gold mineralization primarily occurs as fine grains within the matrix of QPC lenses, which are fractured, sheared, and mylonitized, indicating a paleo-placer origin. Results from channel sampling, stream sediment analysis, and drilling indicate gold values ranging from 50 ppb to 3.8 ppm, with mineralized zones up to 4.5 m in thickness and average grades of around 0.76 g/t Au (Chandra et al., 1993–94; Haque et al., 1995–96; Haque et al., 1998–99; Ramakrishnan & Vaidyanathan, 2010).
- d) The Committee did not agree to accord in-principle approval to the proposal, as the proposed area had already been explored by HCL and also overlaps with three HCL mining leases.

Recommendations of TCC-II

The committee did not agree to accord in-principle-approval to the proposal as the proposed area had an overlap with 3 mining leases (ML) of HCL.

Annexure -1

List of participants attended 28th meeting of Technical-cum-Cost Committee - II (TCC - II) of NMEDT held on 7th and 8th May 2026 through video conferencing mode

S.no	Name	Designation	Email ID	Contact No	Organization
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18/05/2026

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