

Ministry of Mines
National Mineral Exploration & Development Trust
Minutes of 35th meeting of Technical-cum-Cost Committee - II (TCC - II)
held on 18th and 19th August, 2026

The 35th meeting of Technical-cum-Cost Committee-II (TCC-II) of National Mineral Exploration and Development Trust (NMEDT) was convened through video conferencing on 18th and 19th August, 2026. The meeting was chaired by Shri Pradeep Singh, ADG (PSS), GSI and Chairman, TCC-II, NMEDT.

Members of TCC-II, NMEDT and representatives from M/s Midwest Limited, Mineral Exploration and Consultancy Limited (MECL), M/s GeoExpOre Private Limited, DGM Assam, M/s APC Drilling & Construction Private Limited, DGM Uttar Pradesh, DGM Maharashtra, M/s. Natural Resources Division Tata Steel Limited, M/s Vardan Environet LLP, M/s MMPL Private Limited, M/s PRB Infra projects Private Limited, M/s Vibrant Techno Lab Private Limited, DGM Arunachal Pradesh, 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).

35.1 Technical Evaluation of New Project Proposals

Agenda 35.1.1 Reconnaissance survey (G4) for Ionic – Rare Earth Element (i-REE) in Rapur Block, SPSR Nellore & Tirupati Districts, Andhra Pradesh

ID: ME/IND/G4/AP/P/26-27/020

Area: 25 sq. km

[Implementing Agency: M/S MIDWEST LIMITED]

- a) The proposed area of 25 sq. km area for reconnaissance survey falls in Survey of India Toposheets no. 57 N/8 and 57 N/12, in parts of SPSR Nellore & Tirupati Districts, Andhra Pradesh
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	There is no ongoing exploration project for REE within the proposed NPEA area. The proposed NPEA block was covered by STM work during FS 2012-14. Exploration activity has not been done. The area may be feasible for further exploration.
2	AMD	AMD has carried out reconnaissance exploration (G-4 stage) in and around the proposed block for uranium in different phases. Significant surface radioactive zones were delineated along Nagavaripalle Venkataramarajupeta. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned. In view of known potentiality for uranium in the area, analysis of uranium may be included in the list of elements to be analysed.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.

4	DGM	No reconnaissance survey G4-stage exploration, or any systematic mineral exploration work has been carried out by the Department of Mines and Geology, Andhra Pradesh, or its predecessor organisations in the proposed Rapur Block area covering SPSR Nellore and Tirupati Districts, specifically targeting Ionic-Rare Earth Elements (I-REE). As on date, there are no ongoing exploration or reconnaissance projects being conducted by this Department or any State Government agency targeting Ionic-Rare Earth Elements, or any other mineral commodity, within the boundaries of the proposed Rapur Block. The area is not covered under any active State-funded exploration programme. Geological and geochemical evidence supports I REE exploration. No leases or licenses exist in the proposed block.
5	NMEDT	No NMEDT funded block in and around the proposed area as per NGDR Portal. A railway line of the Krishnapatnam Port–Obulavaripalle Railway Line, along with Vellikallu Railway Station, is observed within the revised proposed area. The railway-related area, as delineated on Google Earth, covers approximately 0.45 sq. km out of the total proposed area of about 25 sq. km.

- c) This project was discussed in 33rd TCC-II meeting with an area of 100 sq. km. The committee observed that the area proposed was too large for executing test model for Ionic-REE and advised the agency to delineate & target area with fertile lithology e.g., syenite/alkali granites within PGC-II terrain. The committee accorded in principle approval to the proposal and asked the agency to submit DPR for a small test area of 20 to 25 sq. km.
- d) The agency submitted a revised proposed area of 25 sq. km during the current meeting. The Committee observed that the modified area included a railway line and a railway station passing through the proposed block. The Committee opined that the railway area should be treated as a no-go area for exploration and advised the agency to modify the proposed area by excluding the railway portion and keeping the area 25 sq. km. The agency complied with the Committee's advice and subsequently resubmitted the proposal after removing the railway area from the proposed block.
- e) The Committee agreed with the agency's proposal for core drilling, noting that the test model requires horizon-wise characterisation of the regolith together with intact samples for chemical analysis and for the laboratory-scale mineral processing studies envisaged in the project. As auger drilling yields disturbed cuttings and cannot reliably penetrate the semi-weathered granite at the base of the profile, the Committee agreed that core drilling in soft rock be adopted in place of auger drilling for the scout boreholes. Considering the above, the Committee agreed to recommend the proposal to the PSC for approval. A total of 240 m of scout drilling in 12 boreholes (20 m each) was agreed upon at grid interval of

1500x1500 m. The borehole locations were positioned 200 m inward from the block boundary. The proposed scout drillholes are shown in Annexure 2C. However, the drilling quantum, along with the corresponding sampling and chemical analysis, may be revised during the first review based on the results of geological mapping and sampling.

Recommendations of TCC-II

The committee recommended the proposal for approval of PSC for "Reconnaissance survey (G4) for Ionic - Rare Earth Element (i-REE) in Rapur Block, SPSR Nellore & Tirupati Districts, Andhra Pradesh" with an estimated cost of ₹ 113.59 /- lakhs (including GST) within time schedule of 10 months for carrying out the proposed work and submission of geological report as per Annexure 2A & 2B. The project will be reviewed after 4 months and 8 months.



Annexure 2A

Estimated cost for Reconnaissance survey (G4) for Ionic – Rare Earth Element (i-REE) in Rapur Block, SPSR Nellore & Tirupati Districts, Andhra Pradesh

Area: 25 sq.km, Drilling: 240 m, BH: 12; Schedule Timeline - 10, Months, Review after 4 and 8 Months

S.No.	Item	Unit *	SOC S.No.	Rate (₹)	Quantum	Total Amount (₹)	Remarks
A. Geological Work							
1	Geological Mapping (1:12,500)	per sq. km	1.1	18300	25	457500	
2	Geologist (HQ) days	day	1.2.1a(a)	10500	30	315000	
3	Satellite imagery/Aerial photo interpretation studies Charges for procurement of imageries.		5.5.1a	0	0	0	As per actual cost incurred on procurement from NRSA, No charges will be paid for data freely available from website
4	Charges for Geologist per day (Field) for geological mapping & trenching work, drilling work	day	1.2.1a(b)	14500	90	1305000	
5	Excavation of Pit up to 2.0 m depth with back filling	per cu.m	2.1.2	4725	40	189000	10 nos.; size 1×2×2 m (4 Cu.m each); per Cu.m {0-2m}
6	Excavation of Pit between 2.0 m to 5.0 m depth with back filling	per cu.m	2.1.3	6662	60	399720	10 nos.; size 1×2×3 m (6 Cu.m each); per Cu.m {2 - 5m}

7	Sample processing work including marking of samples, core splitting, crushing and powdering of samples, coning and quartering, packing & labeling of samples, preparation of beneficiation samples etc.	per day	1.2.1.b	7850	36	282600	
8	Labour for sampler	day	5.8	556	144	80064	As per rates prescribed by Central Labour Commission rates or respective State Govt. whichever is higher
9	Labour for Geologist field work	day	5.8	556	180	100080	
Sub-Total — A						31,28,964	
B. Survey Work							
1	Demarcation of lease boundary; fixation, coordinates & RL of boreholes by DGPS (incl. labour)	Per point of observation	1.3.2	24,000	12	288000	BH:12
Sub-Total — B						2,88,000	
C. Core Drilling (Outsource)							
1	Drilling in Soft Rock	per m	2.2.1.1c	5500	240	1320000	12 boreholes (each 20 m deep) = 240 m;
2	Tendering process cost	2% of the approved project cost or 5 Lakh whichever is lower will be paid one time	5.9			26400	One time in case of outsourced component(s) of project work

3	Technical Supervision cost		6			132000	10% of the sum of all the outsourced work components with a maximum ceiling of ₹ 20 lakh
4	Drill-core preservation	per m	5.3	1590	120	190800	
5	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2000	12	24000	
6	Borehole plugging by cement	per borehole	2.2.8	10000	12	120000	
	Sub-Total — C					18,13,200	
D. Laboratory Studies							
1	Analysis of one rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element by ICP-MS (sequential technique)	per sample	4.1.15	7400	250	1850000	If mineralization is intersected the number of samples can be increased
2	Analysis of one rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element by ICP-MS (sequential technique) Check sample 10%	per sample	4.1.15	7400	25	185000	
3	Major oxides (WD XRF)- (oxides+ traces - 24 elements)	per sample	4.1.17a	4200	20	84000	
4	Major oxides (WD XRF)- (oxides+ traces - 24 elements) (check samples)	per sample	4.1.17a	4200	2	8400	
5	Preparation of standard thin sections — 10 sections	per sample	4.3.1	500	10	5000	

6	Complete petrographic / ore-microscopic / Mineragraphic studies	per sample	4.3.4	2800	5	14000	
7	XRD analysis	per sample	4.5.2	4000	10	40000	
8	Complete Laboratory Scale Mineral 1 Processing investigation involving studies for recovery of ore mineral by various physical beneficiation methods	per sample	4.7.5	436590	4	1746360	In House
	Sub-Total — D					39,32,760	
TOTAL (A + B + C + D)						91,62,924	
E	Preparation of Exploration Proposal — soft copy		5.1			1,83,258	(2 % of project cost; max ₹5 lakh)
F	Geological Report — soft copy		5.2 ii	—	—	₹ 2,50,000	
G	Peer review Charges		As per EC decision			₹ 30,000	
H	Project Cost (without GST)					₹ 96,26,182	
	Add: 18 % GST					₹ 17,32,713	
TOTAL PROJECT COST (in ₹)						₹ 1,13,58,895	
	Total Cost in Lakhs(₹)					₹ 113.59	
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 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.						

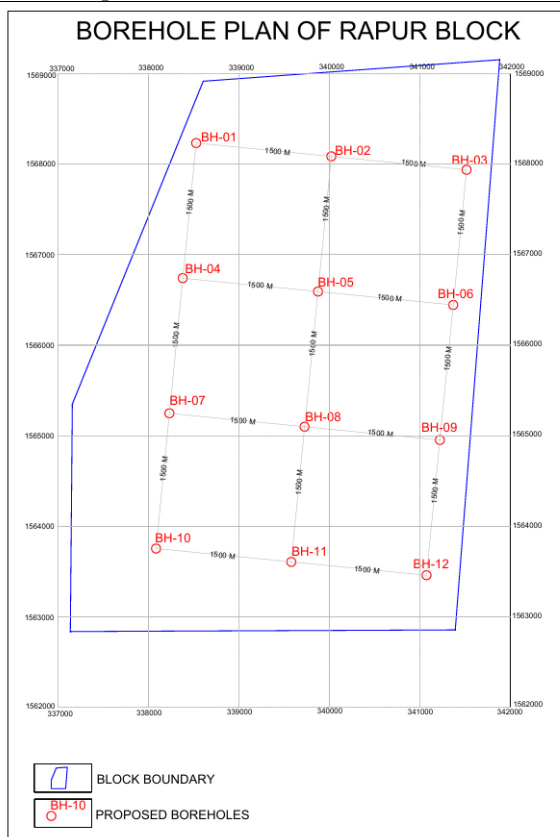
Annexure 2B

Timeline for Reconnaissance survey (G4) for Ionic – Rare Earth Element (i-REE) in Rapur Block, SPSR Nellore & Tirupati Districts, Andhra Pradesh

S.No.	Particulars	Months/ Days	1	2	3	4	Review	5	6	7	8	Review	9	10
1	Camp Setting													
2	Geological Mapping, Pitting and trenching													
3	Topographic Survey													
4	Core Drilling													
5	BH core Sampling													
6	Camp winding													
7	Laboratory Studies													
8	Report Compilation & Submission													




Proposed scout Boreholes for Reconnaissance survey (G4) for Ionic - Rare Earth Element (i-REE) in Rapur Block, SPSR Nellore & Tirupati Districts, Andhra Pradesh



[Signature]

[Signature]

Agenda 35.1.2 Preliminary exploration (G3) for Aluminous Laterite, Titanium, Vanadium, Gallium and associated minerals in Saraswahi Block, District, Katni, Madhya Pradesh

ID:ME/DD/G3/MP/MECL/26-27/010

Area: 6.38 sq. km

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

- a) The proposed area of 6.38 sq. km for preliminary exploration (G3), falls in survey of India Toposheet no. 64A/6, in parts of District, Katni, Madhya Pradesh
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	GSI has carried out following projects 1a. Reconnaissance Survey for basemetals mineralization (Cu) in Hardua Block, Bahoriband Tehsil, Dist. Katni, Madhya Pradesh (Parts of Toposheet no 64A/02 & 64A/06) (G4, FS 2019-20)1b. Investigation of dolomite in Sleemnabad area, district Jabalpur, Madhya Pradesh (G4, FS 1977-78). No ongoing exploration/reconnaissance projects.
2	AMD	AMD has carried out reconnaissance exploration (G4 stage) for uranium in and around the proposed block. No significant surface radioactive zone was delineated. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	Proposed G3 Block overlaps with Exploration block of IBM_G4_FS_2011-2014 (Titanium, Vanadium, Nickel, Lead, Zinc, Copper, Cadmium, Polymetallic, Antimony, Bismuth, Cobalt, Molybdenum, Gold, Silver, Platinum, Palladium) as per NGDR. Proposed block shows overlapping with Ongoing Project of GSI_G4_FS_2022-2023 (Reconnaissance survey for Gold and associated mineralization in Kusera, Sahdar and Selarpur area, Katni district, M.P.) as per NGDR. Proposed block overlaps with NMEDT Funded Block of MECL_G4_FS_2023-2024 (Reconnaissance Survey for Iron, Manganese and associated minerals in Tikariya Block) as per NGDR.

- c) The agency informed the committee it has conducted G-4 exploration in Tikariya G-4 block for over an area of 58.7 sq. km and carried out Geological Mapping(1:12,500scale), Channel sampling, Trenching and drilling by 12 scout boreholes. It has estimated the Reconnaissance resources(mT) aluminous laterite (Al_2O_3 , 14.81, Avg. grade. 26.30%), Titanium (TiO_2 , 15.45, Avg. grade.

3.48%), Vanadium (12.32, 642.71 ppm), Gallium (V, 2.44, 57.70 ppm). Out of 12 boreholes, 10 boreholes showed the promising results and 4 of them falls in the proposed Saraswahi block.

- d) The agency further informed the committee about the results of available 4 boreholes data as follows.

Table 1. Zone thickness for 4 boreholes in the proposed block

BH No.	Al ₂ O ₃ (>20%) (m)	TiO ₂ (>2%) (m)	V (>500 ppm(m)	Ga (>50 ppm(m)
TKRBH-03	10.00	14.00	13.00	1.00
TKRBH-04	5.00	8.40	0.00	0.00
TKRBH-07	2.20	2.00	2.00	0.00
TKRBH-11	13.00	14.00	5.00	2.00

Table 2. Grade range in 4 boreholes

Particulars	Range
Al ₂ O ₃ (%)	21.11–28.59
TiO ₂ (%)	2.01–4.66
V (ppm)	577–917
Ga (ppm)	54

Table 3. Resource (Reconnaissance) in proposed Saraswahi G-3 Block based on G4 work

Particulars	Reconnaissance Resource (Mt)	Average Grade
Aluminous Laterite (Al ₂ O ₃)	5.00	27.94%
Titanium (TiO ₂)	6.85	3.38%
Vanadium (V)	3.15	630.70 ppm
Gallium (Ga)	0.38	54 pm

- e) Considering the above, the Committee agreed to recommend the proposal to the PSC for approval. The committee asked the agency to include the data of already done 4 boreholes of G4 exploration work. A total of 400 m of drilling in 16 boreholes (25 m each) was agreed upon at 400x400m grid interval. The borehole locations were positioned 150 m inward from the block boundary. The plan of boreholes is shown in Annexure 3C. However, the drilling quantum, along with the corresponding sampling and chemical analysis, may be revised during the first review based on the results of geological mapping and sampling.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “Preliminary exploration (G3) for Aluminous Laterite, Titanium, Vanadium, Gallium and associated minerals in Saraswahi Block, District, Katni, Madhya Pradesh” with an estimated cost of ₹ 139.87/- lakhs (including GST) within time schedule of 12 months for carrying out the proposed work and submission of geological report as per Annexure 3A & 3B. The project will be reviewed after 4 months and 8 months.

Annexure 3A

Estimated cost Preliminary exploration (G3) for Aluminous Laterite, Titanium, Vanadium, Gallium and associated minerals in Saraswahi Block, District, Katni, Madhya Pradesh Block area- 6.38 sq. km; No of BH:16 (25 m each); Total Drilling: 400 m
Schedule timeline- 12 months, Review: after 4 and 8 months

Sl. No.	Item of Work	Unit	Rates as per NMET SoC 2025-26		Estimated Cost of the Proposal		Remarks
			SoC- Item- S. No.	Rates as per SoC	Qty.	Total Amount (Rs)	
A	GEOLOGICAL WORK						
1	Geological Mapping (1:4000)						
i	Geological Mapping (1:4000)	Per Sq. km	1.1	18,300	6.38	1,16,754	
ii	Geologist man days (HQ)	days	1.2.1a(a)	10,500	30	3,15,000	
iii	Geologist man days for Detailed Geological mapping/Channel Sampling/ Trenching, Drilling	days	1.2.1a(b)	14,500	90	13,05,000	
iv	Labour for Geologist field	per worker	5.8	556	180	1,00,080	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
v	Sampler for Sample processing work	day	1.2.1b	7850	41	3,21,850	
vi	Labour for Sampler	day	5.8	556	164	91,184	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner

							or respective State Govt. whichever is higher
2	Survey						
i	Bore Hole Fixation and determination of co-ordinates & Reduced Level of the boreholes and Boundary points by DGPS	Per Point of observation	1.3.2	24,000	23	5,52,000	16 Boreholes + 7 Boundary Points = 23
ii	Charges of one qualified surveyor with Total Station for carrying out topographical survey in different RF and surface contouring at different interval	days	1.3.1	10,500	30	3,15,000	Contouring at 4 m interval for preparation of base map on 1:4000 scale
iii	Labour for surveyor	days	5.8	556	120	66,720	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
	Sub-Total A					31,83,588	
B	Mineral Investigation						
i	Pitting	Cu. m	2.1.2	4725	100	4,72,500	
	Sub-Total B					4,72,500	
C	DRILLING						
i	Dry drilling	per m	2.2.1.1f	10,000	400	40,00,000	BH-16, Borehole depth to be 25 m only when justified by presence of mineralization. Unnecessary drilling to be avoided.

Signature

Signature

ii	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	30,000	16	4,80,000	As per actuals as certified by local authorities subject to a maximum of Rs. 30,000 per bore hole
iii	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2,000	16	32,000	
iv	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drill Camp, Camp setting and winding, construction of Approach road	km	2.2.9		1	10,00,000	1.For Drilling cost less than 50 Lakhs: 25% of the Drilling Cost
v	Drill Core Preservation (One complete borehole plus mineralised cores of all the BHs of the Block / Prospect to be preserved in GI Core boxes and subsequently transported to the notified Core Repository.)	per m	5.3	1,590	200	3,18,000	
vi	Borehole plugging by cement	per borehole	2.2.8	10,000	16	1,60,000	
	Sub Total- C					59,90,000	
D	LABORATORY STUDIES						
1	Chemical Analysis						
	Major Oxides {WD XRF) + (Oxides + Traces, 24 elements)	per sample	4.1.17a	4200	250	1050000	Pitting Samples-50, BH Samples-200
	External Check Samples for Major Oxides {WD XRF) + (Oxides + Traces, 24 elements)	per sample	4.1.17a	4200	25	105000	10% of primary samples

	Analysis of one rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element by ICP-MS (sequential technique)	per sample	4.1.15	7400	50	370000	
	External Check Samples of ICP-MS	per sample	4.1.15	7400	5	37000	10% of primary samples
2	Petrological / Mineragraphic studies						
	Preparation of thin section	per sample	4.3.1	500	10	5,000	
	Study of thin section for petrography	per sample	4.3.4	2,800	10	28,000	
3	XRD Mineral Phase Analysis	per sample	4.5.2	4,000	20	80,000	
4	Bulk Density Determination	Nos	4.8.3	2,500	10	25,000	
	Sub-Total D					17,00,000	
	Total (A to D)					1,13,46,088	
E	Geological Report Preparation	Nos	5.2ii	Total cost of the project exceeding 50 lakh to Rs. 150 lakh is Rs. 2.5 lakhs		2,50,000	
F	Preparation of Exploration Proposal	Nos	5.1	2% or Rs. 5 lakhs whichever is less	1	2,26,922	
G	Report Peer Review Charges	lumpsum	As per EC decision	30000	1	30,000	
H	Total Estimated Cost without GST					1,18,53,010	
I	Provision for GST (18%)					21,33,542	GST will be reimbursed as per actual and as per notified prescribed rate

J	Total Estimated Cost with GST					1,39,86,552	
					Say, in Lakhs	139.87	
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 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.						




Annexure 3B

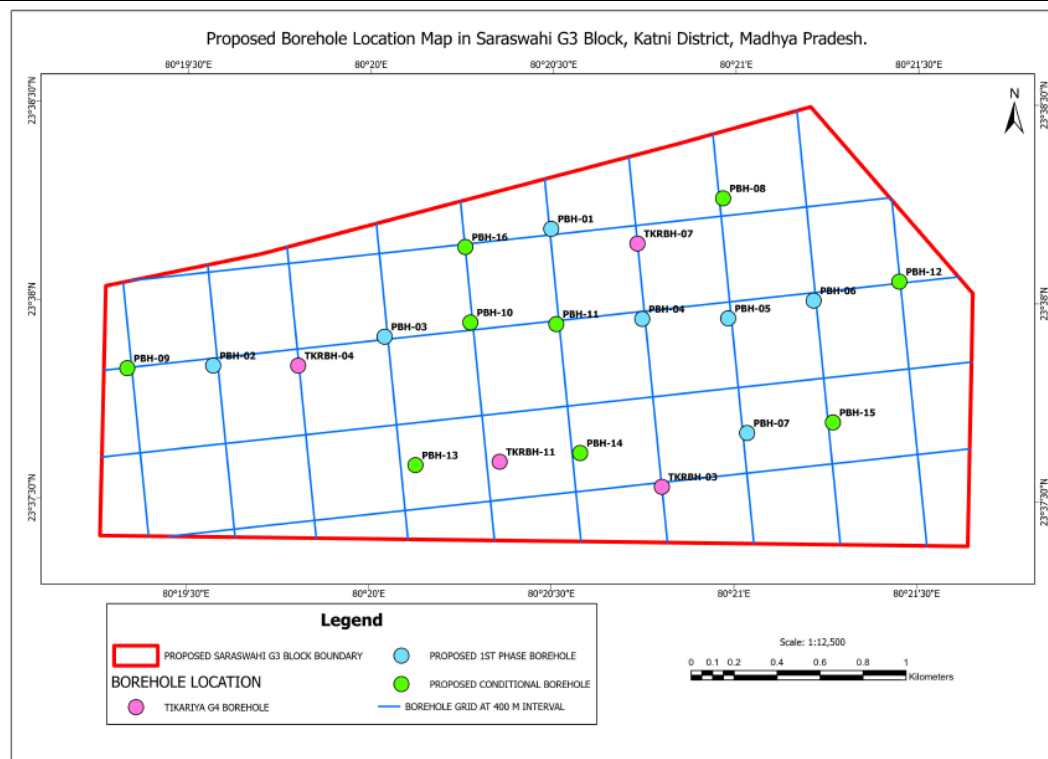
**Timeline for Preliminary Exploration (G3) for Aluminous Laterite, Titanium, Vanadium, Gallium and associated minerals in
Saraswahi Block, District: Katni, State: Madhya Pradesh**

S. No.	Particulars	Months/ Days	1	2	3	4	Review	5	6	7	8	Review	9	10	11	12
1	Camp Setting	months														
2	Geological Mapping & Trenching	months														
3	Topographic Survey	months														
4	Core Drilling	m														
5	BH Core Sampling	Nos														
6	Camp winding	months														
7	Laboratory Studies	months														
8	Report Writing with Peer Review	months														

[Signature]

[Signature]

Borehole plan for Preliminary Exploration (G3) for Aluminous Laterite, Titanium, Vanadium, Gallium and associated minerals in Saraswahi Block, District: Katni, State: Madhya Pradesh



Signature

Signature

Agenda 35.1.3 Preliminary exploration (G3) for tungsten and associated mineralization in and around Talbahat Block, Lalitpur District, Uttar Pradesh.

ID: ME/DD/G3/UP/26-27/228

Area: 8.34 sq. km

[Implementing Agency: M/s GeoExpOre Pvt Ltd]

- 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.
- 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	MECL	The block proposed is not overlapping with explored block and ongoing blocks.
3	AMD	There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
4	DGM	There is no exploration work and mining leases in the proposed area.
5	NMEDT	This project was discussed in 28th TCC-II meeting held on 7th and 8th May 2026. 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 10 anomalous Tungsten values reported in GSI report. Based on the results' validation, the DPR may be resubmitted for review. The agency has come up with results after field. There are no completed or ongoing NMEDT-funded projects in the proposed block.

- c) This agenda was discussed in 28th TCC-II meeting dated 7th and 8th May 2026, wherein the committee advised 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, it was advised that, 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.

- d) The agency informed the committee that they had collected 5 BRS samples and carried out analysis by NABL accredited Laboratory. All the 5 samples showed less than 50 ppm values for Tungsten.
- e) Considering the above, the Committee did not recommend the proposal for approval of PSC.

Recommendations of TCC-II

The Committee did not recommend the proposal for approval of PSC due to insignificant values observed in analytical results (< 50 ppm for Tungsten) of 5 BRS samples collected by the agency.

Agenda 35.1.4 Preliminary Exploration (G3) For Vanadium and Associated minerals in Dem II block, Keyi Panyor district, Arunachal Pradesh.

ID: ME/IND/G3/AR/P/26-27/016

Area: 1.77 sq. km

[Implementing Agency: M/s GeoExpOre Pvt Ltd]

- a) The proposed area of 1.77 sq. km. for preliminary exploration, falls in Survey of India Toposheet no. 83E/10, in parts of Keyi Panyor district, Arunachal Pradesh.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	Currently no exploration / reconnaissance projects related to vanadium and associated minerals are being carried out by the GSI in the proposed NMEDT block. The proposed NMEDT block falls within the G4 block of FS 2018-19
2	AMD	There is no ongoing exploration / reconnaissance project.
3	DGM	Not Available
4	MECL	No overlapping with the ongoing or completed blocks of MECL.
5	NMEDT	There is no overlapping with the NMEDT Funded projects as per NGDR Portal. This project got in-principally approved in 31st TCC-II meeting dated 16th and 17th June 2026

- c) This project was discussed in 31st TCC-II meeting dated 16th and 17th June 2026 where, based on the encouraging geochemical results of referenced GSI G4, 2018-19, the committee accorded in-principle approval to the proposal.
- d) The representative from the DGM Arunachal Pradesh informed that local issues were present in and around the proposed area and suggested that the agency may visit the field to ascertain the condition.
- e) The committee based on the discussions asked the representative from DGM Arunachal Pradesh to provide their written comments for this proposal at the earliest.

- f) The committee deferred the project till the written comments from DGM Arunachal Pradesh are received.

Recommendations of TCC-II

The committee deferred the project till the written comments from DGM Arunachal Pradesh are received.

Agenda 35.1.5 Preliminary Exploration (G3) for Iron Ore in the Lengupara block, District, Goalpara, Assam

ID: ME/DD/G3/AS/26-27/089

Area: 6.56 sq. km

[Implementing Agency: DGM Assam]

- a) The proposed block of 6.56 sq. km for preliminary exploration (G3) falls in Survey of India Toposheet no. 78 J/8, in parts of District, Goalpara, Assam
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	GSI, SU: Assam has currently not taken any exploration work for Iron ore or any other commodity in the proposed area. The earlier work carried out by GSI, 2016-18, reported preliminary exploration for low grade iron ore in Chandar inga area, Dhubri (Erstwhile Goalpara) District, Assam, (G-3) brought-out three distinct band of BIF in Chandra dinga area north bank of Brahmaputra River. Low grade iron ore resources of 18.29 million tonnes with average Fe grade of 37.45% has been estimated from Chandardinga Block. With similar set-up, the item was proposed based on G-4 stage investigation during by DGM Assam in the year 2022-23. Now it proposed to be upgraded to G-3, with initial detailed mapping and demarcation of BIF bands from Lengupara block, the exploration/borehole may be planned.
2	MECL	No overlapping with the ongoing or completed blocks of MECL.
3	AMD	AMD has carried out reconnaissance exploration (G4 stage) in northern part of the proposed Lengupara iron block. Pegmatite samples (n=4) from the area analysed up to 0.24% U3O8, 0.22% ThO2, avg. 2,800ppm THREE and avg. 1200ppm Nb. There is no ongoing exploration / reconnaissance project. Banded magnetite quartzite samples (n=2) from the surveyed block of AMD analysed

		16.8% to 39.6 Fe ₂ O ₃ . Further, in view of known potentiality of the area for atomic and associated critical minerals. Samples of pegmatites, if any, may also be analysed for U, Th, Nb, REE and other critical elements.
4	NMEDT	Proposed block falls with NMEDT funded completed block (Reconnaissance survey (G4) for Iron Ore in Lengupara area-DGM Assam)

- c) The committee observed that the technical presentation given by representative of DGM Assam was not proper and lack geological evidences for G3 proposal based on G4 completed projects. The committee advised the DGM Assam to make proper presentation including the 1:12500 scale map, chemical results of the completed G4 work and justification for G3 proposal.
- d) Based on the above discussions, the committee deferred the proposal to the next TCC meeting.

Recommendations of TCC-II

The committee deferred the proposal to next TCC meeting and advised the DGM Assam to make proper presentation including the 1:12500 scale map, chemical results of the completed G4 work and justification for G3 proposal.




Agenda 35.1.6 Preliminary Exploration (G-3) for Bauxite & Associated Critical Minerals in Chhelana Bauxite block, Amreli District, Gujarat

ID- ME/DD/G3/GJ/26-27/082

Area: 9.15 sq. km

[Implementing Agency: M/s APC Drilling & Construction Private Limited]

- a) The proposed block of 9.15 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 41 P/05, in parts of Amreli District, Gujarat.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	No previous reconnaissance or exploration work has been carried out in the proposed area. There are no ongoing reconnaissance or exploration projects pertaining to Bauxite in the proposed area
2	MECL	No overlapping with the ongoing or completed blocks of MECL.
3	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
4	DGM	Report on the Bauxite Deposits in some of the villages of Bhavnagar, Amreli and Junagarh districts (Report No. 29). This block was discussed in a one-day workshop conducted by CGM on 17.08.2024 and our office issued No Objection Certificate (NoC) for Chhelana Bauxite Block (G4) to APC Drilling & Construction Private Limited dated 29.01.2026
5	NMEDT	Overlapping with CGM, Gujarat block (Report on Drilling Carried Out In Balana Area of Amreli District Gujarat State). There are no NMEDT funded blocks overlapping in the proposed area.

- c) This project was discussed in 14th TCC-II meeting. During the meeting the committee suggested to collect more samples to enhance the confidence level for mineral evidence. The committee opined that the project cannot be taken up based on single analytical result and opined that the proposal would be reviewed after the receipt of the results of 21 samples submitted by the implementing agency for chemical analysis.
- d) In the present meeting the committee observed that the agency has not showed the results of 21 samples submitted by the agency as suggested by the committee in 14th TCC-II meeting.
- e) The committee deferred the proposal due to unavailability of geochemical results of 21 samples submitted by the agency. The committee further opined that the supportive chemical results of field samples and establishment of inferred mineralized with substantial field evidence is required for recommendation. The committee advised the agency to collect samples (4 to 5 nos.) from the field and come up with the supportive analytical results.

Recommendations of TCC-II

The committee deferred the proposal due to unavailability of geochemical results of 21 samples submitted by the agency. The committee further opined that the supportive chemical results of surface samples and establishment of inferred mineralized with substantial field evidence was required for recommendation. The committee advised the agency to collect samples (4 to 5 nos.) from the field and come up with the supportive analytical results.



35.2 Review of Ongoing Procurement Projects & Timeline Extension

Agenda 35.2.1 Financial assistance from NMEDT funds to procure machinery/ laboratory equipment/instruments etc. aimed at enhancing the exploration activities.

[Implementing Agency: DGM, Uttar Pradesh]

- a) The project was recommended by 49th TCC held on 31st January 2023 and approved in 28th EC held on 16th March 2023 with an approved cost of ₹ 76,95,000.0/- (including GST) for 12 months up to 02nd April 2024.
- b) The DGM, Uttar Pradesh had been given timeline extensions for two times, first was up to 31.12.2025 in 1st PSC meeting and second was up to 30.4.2026 in 4th PSC meeting to expedite the procurement process. DGM had submitted UC of amount Rs. 463150.0 for purchase of handheld GPS.

- c) Details of the Instruments' purchase is as given below: -

S.No.	Name of Item	Quantity	Status
1	Resistivity meter	01	Under process
2	Handheld XRF	01	Under process
3	Core Splitter	01	Under process
4	Hand held GPS	05	Purchased

- d) The representatives from DGM, Uttar Pradesh informed the committee that, in their justification (letter dated 11.8.2026, 1401/kha a(119)/NMET) as per Government Order (UP) No. 57/18-2-2024-97/2016 dated 26.11.2024, under Clause-13, tenders for an Earth Resistivity Tomography System and Hand-held XRF were published on the GeM portal through Custom Bid/BOQ as Tender No. GeM/2026/B/7083553 dated 17.02.2026 and Tender No. GeM/2026/B/7239637 dated 17.02.2026, respectively. The tenders were widely publicized in national newspapers. After the meeting of the e-Tender Committee held on 23.03.2026, it was recommended to open the financial bids of the technically qualified bidders. However, due to technical reasons on the GeM portal, the financial bids could not be opened. The Bid Offer Validity on the GeM portal was only 30 days; therefore, the further process could not be completed within the stipulated period.
- e) The representatives from DGM, Uttar Pradesh requested that the period for procurement of laboratory equipment/instruments may kindly be extended up to 31.03.2027, and necessary action may please be taken as per rules.
- f) The committee showed displeasure over the delay in procurement process as timeline extensions had already been given twice for the procurement process. But considering the request of DGM, Uttar Pradesh, the committee recommended timeline extension up to 31st March 2027 for approval of the PSC for completion of procurement of machinery/ laboratory equipment/instruments.

Recommendation TCC-II

The committee recommended timeline extension up to 31st March 2027 for approval of the PSC for completion of procurement of machinery/ laboratory equipment/instruments.

35.3 Review of Ongoing Projects/ Completed Project & Timeline Extension

Agenda 35.3.1 Preliminary Exploration (G3) for Bauxite/Aluminous Laterite in area of village - Gudheghar, Tahsil-Mandangad, District- Ratnagiri, Maharashtra

[Implementing Agency: DGM Maharashtra]

- a) The project was recommended during 76th TCC-I meeting of NMEDT, held on 27th and 30th April 2025 and subsequently approved in 42nd EC meeting held on 2nd June, 2025 at an approved cost of ₹ 58.14/- Lakhs (including GST) for the time schedule of 10 months up to 19th April, 2026.
- b) The committee observed that the presentation for the review was not prepared by DGM Maharashtra and no analysis results were available for review. Therefore, the committee deferred the review to the next TCC meeting.

Recommendations of TCC-II

The Committee deferred the review to the next TCC meeting due to im proper presentation and non-availability of the analysis results.

Agenda 35.3.2 Preliminary Exploration (G3) for Limestone in Bhari Block, Chandrapur district, Maharashtra.

[Implementing Agency: DGM Maharashtra]

- a) The project was recommended during 76th TCC-I meeting of NMEDT, held on 27th and 30th April and subsequently approved in 42nd EC meeting held on 2nd June, 2025 at an approved cost of ₹ 172.93/- Lakhs (including GST) for the time schedule of 10 months up to 22nd April, 2026.
- b) This was the first review of the project. The agency informed the committee that the Geological mapping over an area of 4.27 sq. km, trenching of 10 cubic meters, drilling quantum of 162 m out of approved 800 m, collection of 106 samples along with chemical analysis and specific gravity determination of 2 samples have been completed.
- c) The representative from DGM Maharashtra informed the committee that Limestone is prominently exposed in the southern and northern parts of the block with generally strike NW-SE and dip gently to moderately towards the west with dip varies from approximately 4° to 22°. It collected 7 BRS samples with values of CaO (42.19 -47.64) %, MgO (0.62 – 1.49) % and SiO₂ (7.67-14.66) %. Drilling permission was granted on 30.03.2026 for three months validity. Three boreholes were drilled DBL-1, DBL-2 and DBL-3 with depths of 60 m, 48 m and 54 m respectively. The agency informed that the drilling confirmed the

subsurface persistence of the limestone-bearing sequence but the shale was intersected in the borehole DBL-3 after 36 m vertical depth. The agency requested to committee to carry out drilling in the boreholes RBH-5, PBH-9 and PBH-10 in the southern Limestone band. The agency informed the committee that as per their geological mapping the proposed borehole RPBH-4 is coming at the boundary of Shale and Limestone and requested to allow to shift its location slightly towards west so as cut through Limestone.

- d) The committee agreed for shifting the borehole RPBH-4 towards west along with RPBH-3 and RBH-2 to maintain suitable distance from boundary as per MEMC rules.
- e) The agency further requested for timeline extension up to 31st March 2027 for completion of remaining project work. The committee asked for the justification where by the DGM Maharashtra informed the committee that the delay in the exploration work of the Bhari Limestone Prospecting Scheme was mainly due to administrative, procedural and site-specific constraints. Since the exploration area falls under Manikgarh Reserved Forest, obtaining prior forest permission was mandatory before commencement of drilling. The process was delayed due to clarification regarding the competent authority under the revised MoEFCC guidelines dated 17.12.2024, followed by submission of fresh and online proposals through the PARIVESH Portal. Technical observations on the portal further necessitated submission of a revised proposal. Consequently, forest permission was finally granted only on 30.03.2026, for a limited period of three months up to 30.06.2026, resulting in substantial consumption of the sanctioned exploration period before actual drilling could proceed.
- f) DGM Maharashtra further informed the committee that the after obtaining forest permission, drilling activities were initiated; however, progress was affected by the hilly, rugged and undulating terrain of the exploration area and poor accessibility of several proposed borehole locations. Considerable time was required for preparation and improvement of temporary access routes for movement of the drilling rig and associated equipment. In addition, field inspections by Forest Department officials and compliance-related requirements further affected the pace of drilling. Considering the limited period available for actual drilling and the difficulties encountered during field execution, an extension of the forest permission was requested on 16.06.2026, before expiry of the original permission. The Regional Office continuously coordinated with the Head Office, Forest Department and District Administration to resolve the issues affecting the exploration programme. Therefore, the delay may be considered procedural, administrative and site-specific in nature.
- g) The committee expressed displeasure over the delay of the project execution. Further, considering the request of DGM, Maharashtra and their justification, the committee recommended the timeline extension up to 31st March 2027 for completion of the project. It further informed DGM Maharashtra that no further timeline extension would be recommended by TCC-II.



Recommendations of TCC-II

The committee recommended timeline extension up to 31st March 2027 for approval of the PSC for completion of remaining work of exploration project.

Agenda 35.3.3 Reconnaissance Survey (G4) for Graphite and Associated Minerals in Ampali Area, Balangir district, Odisha.

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

- a) The project was recommended in 81st TCC-I held on 25-26 and 29th September 2025 and approved in 2nd PSC held on 4th November 2025. The project was approved with a scheduled timeline of 10 months at a sanctioned cost of ₹ 133.94/-lakhs (including GST). The sanctioned order was issued on 1.12.2025 with scheduled project completion timeline 12.9.2026.
- b) The agency informed the committee that they have completed geological mapping of area 80.85 on 1:12500 scale, collected 25 BRS samples and completed pitting of 15 cubic meters. The area is composed of Khondalite suite of rocks such as granite gneiss, khondalite, pyroxene granulite and quartzite. These rocks later intruded by pegmatite and quartz veins. The overall geological trend of formations is NW-SE with moderate dip towards south. Approx 75% of the block area is covered with soil. Northern portion of the block is mostly occupied by khondalite and thin linear pyroxenite bodies. Southern part of the block mostly occupied by granite gneiss and intruded by numerous pegmatite veins. Linear Pyroxenite bodies have been observed.
- c) Prominent graphite bodies are not exposed at the surface, possibly due to the soft and friable nature of graphite bearing zones and the presence of thick soil cover. Considerable extraction of graphite has been carried out in the area, as evidenced by the presence of old abandoned graphite workings/ pits. Graphite pit present in continuous strike extension parallel to the general strike of the area. It might be possible that graphite mineralization is continuing in the subsurface below soil cover towards strike extension of the pits.
- d) Three potential areas Area 1, Area 2 and Area 3 were identified after field observation & old abandoned graphite pit location, to target potential sub surface graphite. 25 samples collected to access the REE distribution and source rock identification. Analysis of the samples indicated that REE values from the pegmatite veins and granite gneiss are not encouraging. The pegmatite is mainly composed of well-developed quartz, feldspar, mica and garnet. Values range from 51 ppm to 1590 ppm, Thickness: 5cm to 30cm, Length: 40m to 150m. The agency requested for timeline extension up to 11.3.2027. The agency in its justification informed the committee that in the northern part of the block, frequent movement of elephants created safety concerns and restricted field operations, while restrictions imposed by Forest officials at several locations also interrupted the planned field activities. In the southern part of the block, intermittent local objections and restrictions affected access to certain areas, resulting in loss of working days and necessitating repeated field visits. Further, field operations, particularly in agricultural areas, were intermittently affected due to restricted access during the crop season and associated local constraints. During the



monsoon period, difficult ground conditions, poor accessibility and restricted field movement further reduced the number of effective field working days.

- e) The committee observed that the results for REE are not encouraging. The committee opined that for drilling work geological control is required, therefore the agency may carryout SP survey across the pits taken into consideration the strike of the body. Based on the geological observations the committee agreed to recommend timeline extension up to 11.3.2027 and advised the agency to come again for review before finalization of bore hole plan.

Recommendations of TCC-II

The committee recommended timeline extension up to 11th March 2027 for approval of the PSC for completion of remaining work of exploration project.

Agenda 35.3.4 Preliminary Exploration (G3) for Diamond in Angira B Block, District: Chhatarpur, Madhya Pradesh.

[Implementing Agency: MECL]

- a) The project was recommended in 53rd TCC, held on 22nd – 25th may, 2023 and approved in 30th EC meeting held on 6th June, 2023. The sanction order was issued on 26th June, 2023 with timeline of 15 months at an approved cost of ₹ 494.12/- Lakhs. The initial drilling quantum was 2000 m. Progress of the project was reviewed in 66th TCC meeting during 24th – 25th June, 2024 where the Committee suggested to take up 4 vertical BH (400m). The TCC-II in its 4th meeting recommended for the timeline extension of 8 months up to 25.5.2025.
- b) The agency informed the committee that the total 538.0m of drilling was carried out in four BHs against the target of 400m and excess drilling of 138.0m done due the Kimberlite continuity at the bottom of the borehole. In 31st TCC-II meeting the committee advised continuation of the drilling activities in the project. Timeline extension up to 31st January, 2027 was recommended for completion of the project.
- c) The committee opined that there is no point in continuation of further drilling if the intersected Kimberlite pipe is not diamondiferous. Therefore, the committee advised the agency it may carry out study to check the presence of diamonds in the intersected Kimberlite pipes. Considering the fact of intersection of Kimberlite in the boreholes the committee accepted the extra drilling quantum. The committee asked the agency to submit the justification for carrying out the extra drilling of 138 m against the approved quantum of 400 m.

Recommendations of TCC-II

The committee agreed for additional drilling quantum of 138 m in addition to the recommended 400 m drilling quantum for four boreholes.

Agenda 35.3.5 Preliminary exploration (G3) for Iron and Manganese ore in Silpunji Block, Jamda-Koira Valley Iron Ore Belt, District-West Singhbhum, Jharkhand.

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

- a) The project was recommended in 60th TCC meeting held on 27th and 28th December 2023 and approved in 33rd EC held on 19th February 2024. The project

was approved with a scheduled timeline of 10 months at a sanctioned cost of ₹ 162.43/-lakhs (including GST). The sanctioned order was issued on 27.2.2024 with scheduled project completion timeline 26.12.2024. The first instalment of ₹ 64.97 Lakhs was released dated 7.3.2024. by NMEDT.

- b) The Silpunji G3 Phase-II block, covering 3.00 sq. km, falls within Nuia Protected Forest. The agency informed the committee that Forest proposal was submitted in PARIVESH Portal on 22/04/2024 with proposal number FP/JH/SRY/469826/2024. EDS was raised in 31 May 2024 for submission. During the clearance process, discrepancies/mismatch were observed between the Revenue maps and Forest Department maps with respect to the block/forest boundary. Reconciliation of the geo-referenced Revenue and Forest maps could not be completed.
- c) The agency further informed the committee that the MECL representatives had regularly visited and coordinated with Forest, Revenue and other state departments for resolution of the clearance and boundary related issues. But despite sustained follow up, no tangible progress could be achieved towards obtaining the requisite forest clearance. Consequently, the approved exploration programme, including 500 m exploratory drilling, could not be commenced and no substantive field work had been carried out during the last two years. In view of the prolonged Forest Clearance constraints, unresolved map reconciliation issues and continued uncertainty regarding commencement of exploration, it was proposed to surrender / withdraw the Silpunji G3 block to avoid further delay and deployment of resources.
- d) Considering the above fact the committee recommended the surrender of the project for approval of PSC.

Recommendations of TCC-II

The committee recommended the surrender of the project for approval of PSC due to prolonged forest clearance constraints and unresolved boundary discrepancies prevented commencement of exploration.

The Committee recommended the proposal for approval of PSC for “revised cost of ₹ 0.0/- lakhs (including GST) against the approved cost of ₹162.43/- lakhs (including GST). (Annexure 4)



Annexure 4

Revised Cost for Cost Estimated for Preliminary Exploration (G-3) for Iron and Manganese Ore in Silpunji block, Jamda-Koira Valley Iron ore Belt, District-West Singhbhum, Jharkhand Total area - 3.00 sq. km; Drilling- 0 m, Completion time - 10 months, Review: after 5 months

Sl. No.	Item of Work	Unit	Rates as per NMEDT SoC 2020-21		Total Cost of the Project		Revised Total Cost of the Project (Surrendered)		Remarks
			SoC- S. No.	Item- Rates as per SoC	Qty.	Total Amount (Rs)	Qty.	Total Amount (Rs)	
1.0	Geology & Survey								
1.1	Geologist man days for core logging (Field)/Sampling/topographic survey	days	1.3	11,000	120	13,20,000	0	0	
1.2	Unskilled Labour (Field) (2 workers per geologist)	per worker	5.7	504	240	1,20,960	0	0	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
1.3	Survey Party Days for topographic survey	days	1.6.1a	8300	20	1,66,000	0	0	




1.4	Unskilled Labour (Survey) (4 workers per Surveyer)	Days	5.7	504	80	40,320	0	0	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
1.5	Sampling man days - Sampler (core sample,) Labour charge not included	day	1.5.2	5,100	69	3,51,900	0	0	
1.6	4 labours/ party (Rs 431/day/labour) (As per rates of Central Labour Commissioner) for sampling work	day	5.7	504	276	1,39,104	0	0	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
1.7	Determination of co-ordinates and Reduced Level (RL) of boreholes by DGPS including boundary corner points.	Nos.	1.6.2	19200	9	1,72,800	0	0	Boreholes 05 Nos. + Block Boundary 04 Nos.
Sub-Total 1						23,11,084		0	
2.0	Drilling								
2.1	Drilling -Very hard rock (up to 300m)	m	2.2.1.5a	12,650	500	63,25,000	0	0	

2.2	Land / Crop Compansation (in case the BH falls in agrecultural Land)	per BH	5.6	20,000	5	1,00,000	0	0	Asper actual
2.3	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	5	10,000	0	0	
2.4	Transportation of Drill Rig & Truck associated per drill (for 2 rig)	Km	2.2.8	36	1600	57,600	0	0	1600 Km to and fro for one rig
2.5	Monthly Accomodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	4	2,00,000	0	0	
2.6	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	1	2,50,000	0	0	
2.7	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	1	2,50,000	0	0	
2.8	Road Making (Flat Terrain)	Km	2.2.10a	22,020	5	1,10,100	0	0	
2.9	Drill Core Preservation	per m	5.3	1,590	280	4,45,200	0	0	
Sub-Total 2						77,47,900		0	
3.0	Laboratory Studies								
3.1	Primary + Check Sample - 8 radicals viz. Fe, Mn, Al ₂ O ₃ , SiO ₂ , TiO ₂ , P ₂ O ₅ , S & LOI.	per sample	4.1.15a	4,200	550	23,10,000	0	0	
3.3	Bulk Density determination	per sample	4.1	3,540	5	17,700	0	0	
Sub-Total 3						23,27,700		0	

4.0	Geologist man days (1 No.) for geological map & Report (HQ)	days	1.2	9,000	50	4,50,000	0	0	
Total (1.0 to 4.0)						1,28,36,684		0	
5.0	Preparation of Exploration Proposal	Nos	5.1	2% of the cost or Rs. 5.0 lakh - whichever is lower	1	2,56,734	0	0	EA has to submit the Hard Copies and the soft copy of the final proposal along with Maps and Plan as suggested by the TCC- NMET in its meeting while clearing the proposal.
6.0	Geological Preparation Report	Nos	5.2	For the projects having cost exceeding Rs. 50 Lakhs but less than Rs. 150 Lakhs: A Minimum of Rs.2.5 lakhs or 5% of the value of work whichever is more and Rs. 3000/- per each additional copy.	1	6,41,834.20	0	0	EA has to submit the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMET.
7.0	Report Peer Charges Review	lumpsum	As per EC decision		1	30,000	0	0	

Total Estimated Cost without GST	1,37,65,252		0	
Provision for GST (18%)	24,77,745		0	GST will be reimbursed as per actual and as per notified prescribed rate
Total Estimated Cost with GST	1,62,42,997		0	
Say Rs. in Lakhs	162.43		0	
Note				
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR Rule 21			
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement			
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMET SoC and Item no. 6 of NMET 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			




Agenda 35.3.6 Preliminary Exploration (G3) of Limestone in Bandha Block and Jamuniya block, District- Satna, Madhya Pradesh.

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

- a) The project was recommended during the 85rd TCC-I Meeting held 27th November, 1st December and 5th December 2025 and was subsequently approved in the 3rd PSC Meeting held on 15th December, 2025. The Sanction Order was issued on 8th January, 2026 with an approved cost of ₹ 219.44/- lakhs (inclusive of GST) and a scheduled project duration of 10 months, up to 7th November, 2026. The approved drilling quantum was 1000 m with 12 boreholes with average depth of (80-100) m.
- b) The committee recommended for the premature closure of the project due to insignificant resource potential in the exploration project. The committee further suggested for single GR submission for both the blocks in the project.
- c) The agency informed the committee that the geological report has been peer reviewed and requested the committee to submit the Final Geological report.
- d) The committee accepted the request of agency for final geological report submission.

Recommendations of TCC-II

The committee agreed to the agency's request for final Geological Report submission.

Agenda 35.3.7 Reconnaissance Survey (G4) for REE & Associated Minerals in and around Langmipi-Laching Thing Area, West Karbi Anglong district, Assam.

[Implementing Agency: MECL]

- a) The project was recommended in 1st TCC-II held on 26th and 27th September, 2024 and approved in the 38th EC meeting held on 29th November, 2024. The sanction order was issued on 13th December, 2024 for a scheduled timeline of 15 months up to 12th March, 2026 at an approved cost of ₹ 457.16 /- Lakhs (Including GST). During the project review in 25th TCC-II meeting held on 17th and 18th March, 2026 the committee opined that the project shall be reviewed only after receipt of the complete analytical results.
- b) In the 31st TCC-II meeting the committee recommended the proposal for approval of PSC for timeline extension up to 12 September 2026 for completion of project and submission of Geological report. Due to exclusion of drilling activities in the project, the committee based on the above discussions asked the agency for cost revision after completion of the remaining approved quantum of work in the project.
- c) The committee opined that the elevated REE values are isolated occurrences and do not indicate any defined zone, lack of particular trend, pattern and no conducive control was observed. The committee advised the agency to complete the remaining approved quantum of work, excluding drilling activities.
- d) The agency informed the committee that their report has been peer reviewed and they have come up for cost revision.

- e) The committee agreed for submission of Geological report and recommended the cost revision to PSC for approval.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “revised cost of ₹ 105.85/- lakhs (including GST) against the approved cost of ₹457.16/- lakhs (including GST), due to absence of any defined zone of mineralization based on occurrence of isolated REE values”. (Annexure 5)



Annexure 5

**Revised Cost Estimate of Reconnaissance Survey (G-4 Stage Exploration) For REE & associated minerals in and around Langmipi - Laching Thing Area, Districts: West Karbi Anglong, State: Assam; Scout Boreholes: 0; Drilling: 0 m.
Total Area - 124.68 sq. km**

S.No.	Item of Work	Unit	Rates as per NMET SoC 2020-21			Estimated Cost of the Proposal		Revised Estimated Cost		Remarks
			SoC-Item -Sl. No.	Rates as per SoC	Rates as per SoC North Eastern States and Hilly Terrain of Himalaya (3.35 times than the normal SoC rate)	Qty.	Total Amount (Rs)	Qty.	Total Amount (Rs)	
A	GEOLOGICAL WORK									
a	Charges for Geologist at HQ for data processing	day	1.3	9,000	-	60	5,40,000	45	4,05,000	
b	Charges for Geologist at field for LSM mapping at 1:12500 scale, Surface sampling, Pitting and Scout Drilling	day	1.2	11,000	36,850	180	66,33,000	110	40,53,500	Hilly Terrain with Forest area
c	Labour Charges for Geologist at Field	day	5.7	522	1,749	360	6,29,532	220	3,84,714	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher




d	Charges for Sampler for geochemical, channel, Pit and BH Core Samples	one sampler per day	1.5.2	5,100	17,085	45	7,68,825	29	4,95,465	
e	Labour Charges for Sampling Work; Base rate - Rs. 522/ per day	day	5.7	522	1,749	180	3,14,766	116	2,02,849	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
	Sub-Total A						88,86,123		55,41,528	
B	PITTING									
a	PITTING	Cu m	2.1.2	3,800	12,730	90	11,45,700	90	11,45,700	A total 60 Nos of Pit with average Depth of 1.50m = 60 X 1.5 m = 90 m
	Sub-Total B						11,45,700		11,45,700	
C	DRILLING									
1	Core Drilling up to depth of 300m - Hard Rock	m	2.2.1.4a	11,500	38,525	500	1,92,62,500	0	0	
2	Fixation of borehole and determination of co-ordinates & Reduced Level (RL) of the boreholes by DGPS (including charges for labours deployed for the work)	Per point of observation	1.6.2	19,200	64,320	5	3,21,600	0	0	5 Nos of Scout BHs
3	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	20,000	67,000	5	3,35,000	0	0	
4	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	6,700	5	33,500	0	0	





5	Transportation of Drill Rig & Truck associated per drill	Km	2.2.8	36	121	4,400	5,30,640	0	0	Approx 4400 km to & fro Nagpur/ Rig from
6	Monthly Accomodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	1,67,500	3	5,02,500	0	0	
7	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	8,37,500	1	8,37,500	0	0	
8	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	8,37,500	1	8,37,500	0	0	
9	Road Making (Hilly Terrain)	Km	2.2.10b	32,200	1,07,870	5	5,39,350	0	0	
10	Drill Core Preservation	Per m	5.3	1,590	5,327	200	10,65,300	0	0	
	Sub-Total C						2,42,65,390		-	
D	Sub Total A to C						3,42,97,213		66,87,228	
E	LABORATORY STUDIES									
1	<u>Chemical Analysis</u>									
	Primary Samples Surface + Pit + Heavy Minerals+BH Core Samples)									
i)	Primary samples									
	REE associated Trace Elements (34 Element)by ICPMS	Nos	4.1.14	7,731		275	21,26,025	173	13,37,463	
ii)	External check samples (10%)									
	REE associated Trace Elements (34 Element)by ICPMS	Nos	4.1.14	7,731		28	2,12,603	17	1,31,427	

Sugrath

Sugrath

iii)	Whole Rock Analysis for Major Oxides by XRF technique	Nos	4.1.15a	4,200		20	84,000	15	63,000	
2	<u>Physical & Petrological Studies</u>									
i)	Preparation of thin section	Nos	4.3.1	2,353		15	35,295	10	23,530	
ii)	Complete petrographic study report	Nos	4.3.4	4,232		15	63,480	10	42,320	
iii)	Preparation of polish section	Nos	4.3.2	1,549		15	23,235	5	7,745	
iv)	Complete mineragraphic study report	Nos	4.3.4	4,232		15	63,480	5	21,160	
v)	Digital Photographs	Nos	4.3.7	280		20	5,600	6	1,680	
vi)	SEM Study	Hour	4.4.2	2,940		-	-		0	
vii)	EPMA Study	Hour	4.4.1	8,540		15	1,28,100	0	0	
viii)	XRD Study	Nos	4.5.1	4,000		15	60,000	10	40,000	
	Sub-Total -E						28,01,818		16,68,325	
F	Total D+E						3,70,99,031		83,55,553	

I	Geological Report Preparation	5 Hard copies with a soft copy	5.2	For the projects having cost exceeding Rs 300 Lakh, A minimum of Rs 9 Lakh or 3% of the work whichever more and Rs 10000/- per each additional copy			11,12,971		4,17,778	Exploration exceeding 50 lakh but less than 150 Lakh, A minimum of 2.5 Lakh or 5% of the work whichever is more
J	Peer review Charges		As per EC decision				30,000		30,000	
K	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. 5.00 Lakhs whichever is lower			5,00,000		1,67,111	Rs. 500000.00 plus GST bill already raised and claimed according to the original sanction order to NMEDT as work accomplished at beginning after approval of project.
L	Total Estimated Cost without GST						3,87,42,001		89,70,442	
M	Provision for GST (18% of L)	%					69,73,560		16,14,680	GST will be reimbursed as per actual and as per notified prescribed rate
N	Total Estimated Cost with GST						4,57,15,562		1,05,85,121	
or Say Rs. In Lakhs:							457.16		105.85	




Note:		
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR Rule 21	
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement	
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMET SoC and Item no. 6 of NMET 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	




Agenda 35.3.8 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 during the 6th TCC-II Meeting held on 27th, 28th February, 2025 and 6th March 2025 was subsequently approved in the 41st EC Meeting held on 11th March, 2025. The Sanction Order was issued on 19th March, 2025 with an approved cost of ₹ 177.60/- (Lakhs) (inclusive of GST) and a scheduled project duration of 10 months, up to 18th January, 2026.
- b) The project was reviewed during 20th meeting the committee recommended for approval of the PSC for timeline extension of 03 months and 12 days, up to 30th April 2026, for submission of the final Geological Report (GR) and subsequently approved by 4th PSC. In 22nd TCC-II meeting the committee advised the agency to keep drilling on hold, and stated that further drilling will be decided after reviewing the core analysis results from the Nokhania Block.
- c) In 28th TCC-II meeting MECL discussed the findings of Nokhaniya Block and after detailed deliberation, committee opined to conclude the exploration in the block as one borehole of Nokhaniya block drilled in the vicinity of Sumarsar block did not intersect any promising REE bearing zones. 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”. The agency informed that their report has not been peer reviewed since the assigned Peer reviewer Prof. Alok Kumar Porwal, IIT Bombay was out of station. The agency informed that as soon as Peer Reviewer comments were obtained it would be presented before the TCC. In this regard the agency requested for further extension up to 31st August 2026 for final Geological Report submission.
- d) The Committee recommended the proposal for approval of PSC for “timeline extension up to 31st August, 2026” for submission of final geological report.
- e) The agency informed the committee that their report had been peer reviewed and submitted the final revised cost sheet owing to pre-conclude the exploration program on account of sporadic occurrence of REE mineralization. It further requested for corrected title of the project as “*Reconnaissance Survey (G4) for REE and associated minerals in Sumarsar area, Kachchh District, Gujarat*”. The agency requested for submission of revised cost sheet.
- f) The committee agreed for the requests of the agency and recommended the same for approval of PSC.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “revised cost of ₹ 65.28/- lakhs (including GST) against the approved cost of ₹177.60/- lakhs (including GST), due to pre-closure of the project as surface sample analysis results were not encouraging to continue further exploration”. (Annexure 6)

The committee also recommended for the corrected title as “Reconnaissance Survey (G4) for REE and associated minerals in Sumarsar area, Kachchh District, Gujarat” for approval of PSC.



Annexure 6

Revised Cost Reconnaissance Survey (G4) for REE & associated minerals in Sumarasar Area, District: Kachchh, State: Gujarat
Total Area - 100.20 sq. km; Scout Boreholes: 0; Coring (0 Nos for REE), Average Depth: 0 m; Auger drilling: 271.85 m;
Completion Time -10 Months, Review after 5th Months

S.No	Item of Work	Unit	Rates as per NMET SoC 2020-21		Estimated Cost of the Proposal		Revised Cost		Remarks
			SoC-Item -S.No.	Rates as per SoC	Qty.	Total Amount (Rs)	Qty.	Total Amount (Rs)	
A	GEOLOGICAL WORK								
a	Charges for Geologist at HQ for data processing	day	1.3	9,000	60	5,40,000	45	4,05,000	
b	Charges for Geologist at field for LSM mapping at 1:12500 scale, Surface sampling, Pitting and Scout Drilling	day	1.2	11,000	180	19,80,000	130	14,30,000	
c	Labour Charges for Geologist	day	5.7	526	360	1,89,360	260	1,36,760	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
d	Charges for Sampler for geochemical, channel, Pit and BH Core Samples	one sampler per day	1.5.2	5,100	49	2,48,944	27	1,37,700	
e	Labour Charges for Sampling Work;	day	5.7	526	195	1,02,702	108	56,808	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher

	Sub-Total A					30,61,005		21,66,268	
B	PITTING								
a	PITTING (Total 5 Nos of Pit)	Cu m	2.1.2	3,800	20	76,000	20	76,000	A total 10 Nos of Orientation Pit with average 2.00 m Depth = 20 cu.m
	Sub-Total B					76,000		76,000	
C	DRILLING								
1	Drilling in soft rock (up to 300) (REE in Sandstone)	m	2.2.1.1b	7,168	300	21,50,400	0	0	Drilling of REE in Sandstone (10 Bh X 30 m Depth)
2	Auger drilling for soft strata up to 150m	m	2.2.2	4,760	700	33,32,000	271.85	12,94,006	Auger Drilling for REE (100 BH X7m avg depth) One Auger Drilling each for per sq km Area.
3	Fixation of borehole and determination of co-ordinates & Reduced Level (RL) of the boreholes by DGPS (including charges for labours deployed for the work)	Per point of observation	1.6.2	19,200	10	1,92,000	0	0	(10 Nos Core BH for REE)
4	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	20,000	10	2,00,000	0	0	
5	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	10	20,000	0	0	
6	Transportation of Drill Rig & Truck associated per drill	Km	2.2.8	36	2,400	86,400	0	0	Approx 2400 km to & fro from Nagpur (for 1 rigs)

Signature

Signature

7	Monthly Accomodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	3	1,50,000	0	0	
8	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	1	2,50,000	0	0	
9	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	1	2,50,000	0	0	
10	Road Making (Flat Terrain)	Km	2.2.10a	22,020	5	1,10,100	0	0	
11	Drill Core Preservation	Per m	5.3	1,590	200	3,18,000	0	0	
	Sub-Total C					70,58,900		12,94,006	
D	Heavy Mineral Separeation								
1	Heavy Mineral Separeation by liquid	per sample	4.3.6a	2380	30	71,400	0	0	30 Samples from Pit from different Soil Horizon
2	Gravity and Magnetic seperation	per sample	4.3.6b	13820	30	4,14,600	0	0	30 Samples from Pit from different Soil Horizon
	Sub-Total D					4,86,000		-	
E	LABORATORY STUDIES								
1	<u>Chemical Analysis</u>								
i	Primary Samples for REE associated Trace Elements (34 Element)by ICPMS	Nos	4.1.14	7,731	355	27,44,505	169	13,06,539	
ii	External Samples for REE associated Trace Elements (34 Element)by ICPMS	Nos	4.1.14	7,731	36	2,74,451	17	1,31,427	
2	<u>Physical & Petrological Studies</u>								

Signature

Signature

i)	Preparation of thin section	Nos	4.3.1	2,353	10	23,530	10	23,530	
ii)	Complete petrographic study report	Nos	4.3.4	4,232	10	42,320	10	42,320	
iii)	Preparation of polish section	Nos	4.3.2	1,549	10	15,490	2	3,098	For EPMA
iv)	Complete mineragraphic study report	Nos	4.3.4	4,232	10	42,320	0	0	
v)	Digital Photographs	Nos	4.3.7	280	20	5,600	6	1,680	
vi)	EPMA Study	Hour	4.4.1	8,540	15	1,28,100	2	17,080	
vii)	XRD Study	Nos	4.5.1	4,000	20	80,000	20	80,000	
	Sub-Total -E					33,56,316		16,05,674	
F	Sub Total A to E					1,40,38,221		51,41,948	
G	Geological Report Preparation	soft copy	5.2			7,01,911		2,57,097	Exploration exceeding 50 lakh but less than 150 Lakh, A minimum of 2.5 Lakh or 5% of the work whichever is more
H	Peer review Charges		As per EC decision			30,000		30,000	

I	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. 5.00 Lakhs whichever is lower		2,80,764		1,02,838.96	Rs. 280764.00 plus GST bill raised and claimed to NMEDT as per original sanction order.
J	Total Estimated Cost without GST					1,50,50,896		55,31,884	
K	Provision for GST (18% of J)	%				27,09,161		9,95,739	GST will be reimbursed as per actual and as per notified prescribed rate
L	Total Estimated Cost with GST					1,77,60,058		65,27,624	
or Say Rs. In Lakhs:						177.60		65.28	
Note:									
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR Rule 21								
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement								
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMET SoC and Item no. 6 of NMET 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								




Agenda 35.3.9 Reconnaissance Survey (G4) for REE and Associated Minerals in Saiyedpar area, Kachchh District, Gujarat.

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

- a) The project was recommended in the 6th TCC meeting held on 27th & 28th February & 6th March 2025, and approved in the 41st EC meeting held on 11th March, 2025. The project was approved with a scheduled timeline of 10 months at a sanctioned cost of ₹ 183.76/- lakhs (including GST). The Sanction Order was issued on 19th March, 2025. Scheduled project completion timeline was 18th January, 2026.
- b) The project was reviewed in 20th meeting of TCC-II held on 2nd & 5th January, 2026, wherein the Committee agreed for commencement of drilling activities in 5 nos. of scout boreholes (BHs) including 2 BHs with 100 m depth and 3 BHs with 50 m depth, and also recommended a timeline extension of 3 months up to 17th April, 2026 for GR submission, which was approved in 4th PSC meeting held on 13th January, 2026.
- c) In 30th TCC-II meeting, the agency informed that, based on the observations from the drilled boreholes, the Kaolinite horizon intersected in BH-05 represents the most promising zone, with a thickness of 10 m and Σ REE + Y values reaching up to 2269.45 ppm. Further, several zones with Σ REE + Y values exceeding 1000 ppm were intersected in BH-05 and BH-03 within ferruginous and limonitic sandstone units. The agency also requested a timeline extension up to 31st August, 2026, for completion of the project work and submission of the Final Geological Report. The Agency requested revision of the project cost due to the reduction in the approved drilling quantum and the corresponding changes in the analytical and other project components.
- d) The Committee agreed for timeline extensions and recommended that, upon submission and approval of the G4 Final Geological Report of the present project, the exploration block may be considered for seamless upgradation to the G3 stage of exploration.
- e) In the present meeting agency informed the committee that the Peer Reviewer's comments were awaited and requested for timeline extension up to 30th September 2026 for submission of Geological Report.

Recommendations of TCC-II

The committee recommended timeline extension up to 30th September 2026 for approval of the PSC for submission of Geological Report.

Agenda 35.3.10 Reconnaissance survey (G4) for Copper Bearing Minerals around Musabani, Dumriya and Maheshpur areas in East Singhbhum District, Jharkhand

[Implementing Agency: M/s Natural Resource Division, Tata Steel Ltd]

- a) The project was recommended in 67th TCC meeting held on 24th, 25th and 26th July, 2024, and approved in 37th EC meeting held on 23rd September, 2024. The

project was approved with a scheduled timeline of 10 months at a sanctioned cost of ₹288.14/- lakhs (including GST). The Sanction Order was issued on 30th October, 2024. Scheduled project completion timeline was 29th August, 2025.

- b) The project was reviewed during the 29th meeting of TCC-II held on 20th and 21st May, 2026, wherein the Committee recommended the proposal for a revised project cost of ₹293.61/- lakhs (including GST) against the approved cost of ₹288.14 Lakh (Including GST) due to additional 50 core samples, along with 5 additional check samples, for completion of the analysis of hanging wall and footwall zones and the Committee also agreed for peer review of the final Geological Report (GR).
- c) In the 30th TCC-II meeting the agency requested for change in title of the project and timeline extension up to 31st August 2026 which was recommended by the committee.
- d) In the present meeting the agency informed that their report had been peer reviewed and requested for final Geological report submission.

Recommendations of TCC-II

The committee agreed to the agency's request for final Geological Report submission.

Agenda 35.3.11 Reconnaissance survey (G-4) for Graphite and associated mineralisation in Phandka-Gatakhera area, Betul District, Madhya Pradesh

[Implementing Agency: M/s Vardan Environet LLP]

- a) The project was recommended in 11th TCC-II meeting held on 23rd-25th July 2025 approved in the 1st PSC meeting held on 9th October 2025. The sanction order was issued on 13th November 2025 with timeline of 10 months up to 20th September 2026 with an approved cost of ₹211.16/- Lakh (including GST).
- b) In the 27th TCC-II meeting the agency informed that this was the first review of the project and apprised the committee that they have completed the 23.17 sq. km of mapping, trenching of 91 cubic meters out of 100 cubic meters, 60 samples for XRF analysis, 15 samples for ICPMS, 14 samples for XRD analysis. The agency informed the committee that they had completed drilling quantum of 496 m out of approved 600 m, SP survey 30 Line km, borehole geophysical logging of 290 m out of 600 m. It has completed drilling in 5 boreholes MPPG-01 to MPPG-5 and intersected graphite bands within boreholes.
- c) It further informed the committee that they have initiated the drilling in borehole MPPG-I with length of approximately 72 m along the borehole targeting the vertical depth of 40-50 m on an average. SP survey was conducted by the agency in A, B, C, D and E sub blocks respectively.
- d) The committee observed that the SP survey is showing encouraging results in block A. It further advised suggested the agency to carry out the project work as per the approved quantum.

Recommendations of TCC-II

The committee suggested the agency to carry out the project work as per the approved quantum and advised the agency to prepare geological report.

Agenda 35.3.12 Reconnaissance survey (G4) for copper and associated mineralization in Salwari Narsinghpuri-Pachlagi area, Sikar District, Rajasthan.

[Implementing Agency: M/s Vardan Environet LLP]

- a) In principle-approval was given for this proposal in 7th TCC-II meeting held on 24th & 25th March 2025. The project was recommended in 12th meeting of TCC-II held on 22nd, 25th, 26th and 27th August 2025.
- b) In the 1st Project Sanctioning Committee (PSC) meeting held on 9th October 2025, this proposal was deferred as DMG Rajasthan provided their consent for the proposal by excluding partially overlapped area. In view of this, the project was referred back to TCC-II based on the comments of DMG, Rajasthan to exclude the area and accordingly revision in the proposal.
- c) During 16th TCC-II meeting held on 3rd and 6th November 2025, Vardan Environet LLP informed that they have revised the proposal by excluding the partially overlapped area with mining leases and Aravalli area. Total area reduced to 24.01 sq. km. from initially proposed 28.48 sq. km. Subsequently, the project was recommended in 19th TCC-II held on 16th & 17th December 2025 and approved in 4th PSC held on 13th January 2026 with an approved cost of ₹ 284.86/- Lakh (including GST) for 10 months up to 02nd December 2026.
- d) In the 25th TCC-II the Committee recommended commencement of project including drilling in one borehole, except in the parts which are overlapping with FSI polygons of Aravali area.
- e) The agency informed the committee that it has completed geological mapping in 24 sq. km area, trenching of 28 cubic meters out of 60 cubic meters, completed 250 m geophysical borehole logging out of 1500 m. The agency informed that the borehole had intersected nine zones in the subsurface at different depths 36-38 m, 46.70-48.70 m, 65-68 m, 129.33-133.10 m, 135.90-137.90 m, 181.90-185.80 m, 207.70-212.50 m, 216.20-218.25 m, 219.30-222.70 m respectively. AAS analysis of 9 BRS samples have shown Cu values in the range 167 ppm to 31495 ppm. The agency informed the committee that they were waiting for the borehole sample analysis results.
- f) The committee suggested the agency to get the borehole sample analysis results and show to the committee and carry out the project work as per the approved quantum.

Recommendations of TCC-II

The committee suggested the agency to get the borehole sample analysis results and show to the committee and carry out the project work as per the approved quantum.



Agenda 35.3.13 Reconnaissance (G-4) Survey for Limestone in Dikurumetron area, Upper Deopani, Karbi Anglong District, Assam.

[Implementing Agency: DGM Assam]

- a) The project was approved in 36th EC meeting held on 29th July 2024 with time line of 12 months. The sanction order was issued on 29th August 2024 with approved cost was ₹ 170.69 lakhs. In the 10th TCC-II meeting the committee advised finalization of geological map. In 11th TCC-II meeting the committee recommended the proposal for the approval of EC for extension of timeline for 07 months up to 31st March 2026 for report submission.
- b) The representative from the DGM informed the committee that they have completed the large-scale mapping of 26 sq. km against the approved quantum of 20 sq. km, 75 cubic meters of (pitting), surface drilling of 160 m against the approved quantum of 150 m in 3 boreholes. Chemical analysis of 46 surface samples out of 100 had been done, 55 core samples out of 190 had been analysed. The BRS samples CaO content varied from 19.66% to 47.28 %, with an average of 37.25 %, which was above the current threshold value.
- c) The DGM informed the committee that the CaO values are generally high, ranging from about 37.43% to 48.25%, indicating limestone-rich material in most analysed samples. SiO₂ 4.87% to 75.42%; Al₂O₃ 0.97–5.21%, Fe₂O₃(T) is below 6%, MgO 0.46–1.21%. Overall, BH-1 is predominantly CaO-rich and relatively low in MgO, with local siliceous/clayey contamination.
- d) BH-2 shows the strongest chemical contrast among the three boreholes. CaO is generally low, approximately 2.53–28.34%. SiO₂ -29.09% to 60.03%. Al₂O₃ -8–17% and Fe₂O₃(T)- 2.45–6.50%, indicating significant clayey/siliceous and ferruginous influence MgO is mostly around 2–4%, higher than the corresponding values in BH-1 and BH-3. The section shows predominantly siliceous–aluminous with low CaO content between 20-28%.
- e) CaO ranges approximately from 33.45% to 48.84%, indicating several limestone-rich intervals. SiO₂ 5.38% to 40.25%; the highest value occurs in a distinctly siliceous sample. Fe₂O₃(T)- 10–15% suggesting ferruginous influence. Al₂O₃ - 0.52–5.91%); MgO below about 1.5%. Overall, BH-3 contains appreciable CaO-rich limestone intervals with local ferruginous and siliceous impurities Based on the cumulative borehole data, the average limestone thickness is estimated 2.5m.
- f) The present geological investigation has resulted in delineation of an inferred limestone resource of approximately 29.64 million tonnes in the Dikrumetron–Upper Deopani Limestone Block, principally represented by the limestone horizons intersected in UD/BH-01 and UD/BH-03. The investigation indicates that the limestone occurrence is discontinuous and variable in thickness and quality, with frequent intercalation of clay and sandstone. UD/BH-02 did not intersect any economically significant limestone horizon, and the borehole is predominantly represented by clayey-calcareous material of low CaO content. The presence of ferruginous, clayey and high-silica intercalations adversely affects the overall quality and uniformity of the limestone deposit. Considering the 3 nos. of boreholes, variable limestone thickness and quality, and absence of economically significant limestone in BH-02, the present investigation does not establish



sufficient geological continuity and confidence for immediate assessment of an economically mineable deposit.

- g) The Directorate of Geology & Mining, Assam in its justification stated that the delay in execution of the four approved NMEDT projects was primarily due to several administrative and field-related factors. Firstly, there was a delay in obtaining the necessary No Objection Certificates (NOCs) from the concerned Autonomous Councils, which consequently delayed the commencement of exploration activities. Secondly, during the Assam Legislative Elections, 2026, most of the employees of the Directorate were engaged in election-related duties, resulting in delays in the execution and completion of various projects. In addition, exploration activities were significantly affected during the monsoon season, as field operations had to be suspended on several occasions due to adverse weather and site conditions.
- h) The agency requested timeline extension up to 30th September 2026 for completion of remaining work for submission of Geological report. The committee considering the justification the agreed for recommendation of timeline extension up to 30th September 2026.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “timeline extension up to up to 30th September 2026 for submission of Final Geological Report”.

Agenda 35.3.14 Reconnaissance (G-4) Survey for Limestone in Sheelveta area, Karbi Anglong District, Assam
[Implementing Agency: DGM Assam]

- a) The project was recommended in 65th TCC meeting held on 28th, 30th and 31st May 2024 and approved in the 36th EC meeting held on 29.07.2024 with timeline of 12 months (up to 28.08.2025) and approved cost was ₹267.53/- Lakhs. In 11th TCC-II The committee agreed for further work and suggested exclusion of northern part of the area. In 13th TCC-II meeting the committee recommended the proposal for approval of PSC for “converting outsource component (drilling) to inhouse components. The agency informed the committee it has completed geological mapping of 25 sq. km. and 75 cubic meters of pitting, drilling quantum of 175 m completed in 4 boreholes out of approved quantum of 300 m in six boreholes., 105(70 surface; 35 core) samples had been analysed.
- b) The DGM informed the committee that three major rock types are exposed on the surface namely Limestone, Granite and Gneissic rocks and Sandstone. The general trend of the limestone is NE-SW, with an 8 ° - 12 ° (Approximate) dip towards the SE. Limestone was encountered in 3 boreholes, i.e., BH 1, 3 and 4 at 4 m, 11m and 10.5 m, respectively, while granite was encountered in BH 2 at an approximate depth of 19 m. In core sample, CaO% ranges from 22.94% to 45.90% with an average of 38.59%, and Average wt. % of MgO, Fe₂O₃ and SiO₂% is 1.24%, 4.08% and 21.88% respectively.



- c) The Directorate of Geology & Mining, Assam in its justification stated that the delay in execution of the four approved NMEDT projects was primarily due to several administrative and field-related factors. Firstly, there was a delay in obtaining the necessary No Objection Certificates (NOCs) from the concerned Autonomous Councils, which consequently delayed the commencement of exploration activities. Secondly, during the Assam Legislative Elections, 2026, most of the employees of the Directorate were engaged in election-related duties, resulting in delays in the execution and completion of various projects. In addition, exploration activities were significantly affected during the monsoon season, as field operations had to be suspended on several occasions due to adverse weather and site conditions.
- d) The DGM requested the committee for timeline extension up to 30th October 2026 for completion of remaining geological work of the project and geological report submission.
- e) The committee showed displeasure over long delay in the project. The committee considering the justification recommended the proposal for timeline extension up to 31th October 2026 for approval of PSC for completion of remaining geological work of the project and geological report submission.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “timeline extension up to up to 30th October 2026 for submission of Final Geological Report”.

Agenda 35.3.15 Reconnaissance Survey (G-4) for Limestone in Dillai area, Karbi Anglong District, Assam

[Implementing Agency: DGM Assam]

- a) The project was recommended by 64th TCC held on 25th, 29th and 30th April, 2024 and approved in 35th EC held on 16/05/2024 with an approved cost of ₹ 348 Lakh (including GST) for 12 months up to 9/6/2025. In 11th TCC-II meeting the committee recommends the proposal for the approval of EC for extension of timeline for 08 months up to 28th February 2026 for report submission.
- b) The DGM Assam informed the committee that 24.00 sq. km of the Dillai block had been mapped, covering the entire targeted area, and the principal lithological units identified include limestone, sandstone and shale, along with basement rocks comprising quartz-biotite schist, metagabbro, quartzite-phyllite association, pink granite and granite gneiss. The limestone belongs to the Sylhet Limestone Member of the Shella Formation of the Jaintia Group and occurs as disconnected bands, with a notable exposure along the Dillai River. It is generally massive, compact, well-bedded and fossil-rich, containing predominantly nummulitic foraminifera and fragmentary corals. The limestone is pale grey to bluish grey towards the base and becomes comparatively less compact, argillaceous and ferruginous towards the top. It appears to thicken towards Chunapahar and Sainilangsho Nala, while its continuity is locally disrupted near Chunapahar, possibly due to faulting. The Tertiary formations generally trend NE-SW and dip towards SE, with an average dip of about 10°–15°.




- c) It further informed the committee that the subsurface investigation comprised 207 m of drilling in four boreholes against the targeted 500 m in ten boreholes. Petrographic studies of 10 samples were completed, with most samples identified as biomicrite packstones. Borehole investigations identified limestone in BH-2, BH-4 and BH-7, with BH-2 representing the dominant limestone horizon containing 24 of the 33 limestone samples identified from borehole samples and showing the thickest continuous carbonate-bearing intervals. BH-7 contains localized high-grade limestone lenses, whereas BH-4 yielded only one limestone sample and BH-5 was dominated by calcareous mudstone/shale.
- d) Geochemically, the limestone shows considerable variation in major oxides. CaO ranges from 24.36% to 39.22% in pitting samples and from 27.77% to 48.72% in core samples, with an average CaO content of 39.73% in core samples. MgO in core samples ranges from 0.07% to 9.03%, averaging 2.15%, while FeO ranges from 0.07% to 28.36%, averaging 5.39%. The in-situ dry bulk density of the limestone is reported as 2.51 g/cc.
- d) The investigation established a surface limestone exposure of approximately 1.3 sq. km. Based on the borehole and surface-exposure data, the total resource under UNFC G-4 category (334) has been estimated at approximately 51.20 million tonnes.
- e) The Directorate of Geology & Mining, Assam in its justification stated that the delay in execution of the four approved NMEDT projects was primarily due to several administrative and field-related factors. Firstly, there was a delay in obtaining the necessary No Objection Certificates (NOCs) from the concerned Autonomous Councils, which consequently delayed the commencement of exploration activities. Secondly, during the Assam Legislative Elections, 2026, most of the employees of the Directorate were engaged in election-related duties, resulting in delays in the execution and completion of various projects. In addition, exploration activities were significantly affected during the monsoon season, as field operations had to be suspended on several occasions due to adverse weather and site conditions.
- f) The DGM Assam requested timeline extension up to 30th September 2026 for completion of the remaining geological work and submission of the geological report. The committee noted the progress of the project and, considering the request, recommended the proposal for timeline extension for approval of the PSC, subject to submission of the required justification by DGM Assam.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “timeline extension up to up to 30th September 2026 for submission of Final Geological Report”.

**Agenda 35.3.16 Reconnaissance (G-4) Survey for Limestone in Longplaidisa area,
Dima Hasao District, Assam
[Implementing Agency: DGM Assam]**



- a) The project was recommended in 65th TCC meeting held on 28th, 30th and 31st May 2024 and approved in the 36th EC meeting held on 29.07.2024 with timeline of 12 months (up to 28/08/2025) and approved cost was ₹307.58/- Lakh. In 11th TCC-II meeting the committee recommends the proposal for the approval of EC for extension of timeline for 7 months up to 31st March 2026 for report submission.
- b) In the present meeting the DGM Assam informed the committee the large scale of 25.05 sq. km had been mapped, and two principal lithological units—limestone and sandstone, with thin fissile shale bands locally intercalated within the limestone—were identified. The limestone is highly fossiliferous, locally weathered and deformed, and contains foraminiferal fossils including Nummulites sp., supporting its assignment to the Shella Formation. The limestone beds generally trend NE–SW and dip gently towards the SE, with recorded dips of about 6°–10°.
- c) It further informed the committee that the subsurface investigation comprised four boreholes of 51 m each, totalling 204 m of drilling. Limestone was not encountered in BH-1, which was located at a higher elevation, whereas limestone was intersected in BH-2, BH-3 and BH-4 at depths of approximately 2 m, 12 m and 30 m, respectively. Drilling established that the sandstone–limestone contact lies approximately between the 270 m and 280 m contours. The higher-elevation portions are predominantly occupied by sandstone, while limestone occurs in the comparatively lower-elevation areas, with thin shale bands occurring within the limestone sequence.
- d) Geochemically, the limestone shows considerable variation in major oxides. CaO ranges from 27.63% to 45.05%, with an overall average of 38.87%. The average CaO contents of the limestone bands in BH-2, BH-3 and BH-4 are 40.57%, 39.37% and 41.97%, respectively. Corresponding average SiO₂ contents are 13.68%, 16.53% and 9.44%, while MgO averages 2.52%, 2.80% and 2.44%, respectively.
- e) The Directorate of Geology & Mining, Assam in its justification stated that the delay in execution of the four approved NMEDT projects was primarily due to several administrative and field-related factors. Firstly, there was a delay in obtaining the necessary No Objection Certificates (NOCs) from the concerned Autonomous Councils, which consequently delayed the commencement of exploration activities. Secondly, during the Assam Legislative Elections, 2026, most of the employees of the Directorate were engaged in election-related duties, resulting in delays in the execution and completion of various projects. In addition, exploration activities were significantly affected during the monsoon season, as field operations had to be suspended on several occasions due to adverse weather and site conditions. The DGM requested the committee for timeline extension up to 30th September 2026 for completion of remaining geological work of the project and geological report submission.
- f) The committee showed displeasure over long delay in the project. The committee considering the justification recommended the proposal for timeline extension up to 30th September 2026 for approval of PSC for completion of remaining geological work of the project and geological report submission.



Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “timeline extension up to up to 30th September 2026 for submission of Final Geological Report”.

35.4 Technical Evaluation for In-Principle Approval

Agenda 35.4.1 Reconnaissance Survey (G4) for Cobalt, Vanadium, Titanium, Scandium, Gallium in Aluminous Laterite Minerals in Gajma Kantabel area, Jashpur District, Chhattisgarh.

ID: ME/IN/G4/CT/P/26-27/173

Area: 63.7 sq. km.

[Implementing Agency: M/s MMPL Private Limited]

a) The proposed area of 63.7 sq. km, for reconnaissance Survey (G4), falls in Survey of India Toposheet no. 73A/4, in parts of Jashpur district, Chhattisgarh.

b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	Overlap of 30% is found with the GSI FSP exploration project of FS 1969-70 titled Assessment of Bauxite Deposits in Jamirapat, Joka- Lahsunpat and Jarangpat Areas, Surguja District, Madhya Pradesh. (G4 stage)
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	No NMEDT funded blocks are present in the vicinity of the proposed block, as per the NGDR Portal. The proposed area falls within the Recorded Forest Area (RFA); however, no overlap has been observed with the ESZ/ESA, Tiger Corridor, or Protected Areas, as per the PM GatiShakti Portal.(Forest area constitutes approximately 37 % of the proposed area)

c) The Agency informed that the proposed block has not been systematically explored for laterite/bauxite-hosted critical minerals but exhibits favorable exploration potential. The block is characterized by a continuous Chotanagpur Granite Gneiss-hosted lateritic plateau, a mature lateritic profile conducive to residual enrichment, and anomalous TiO_2 stream-sediment values. Significant enrichment of Al_2O_3 up to 65.00%, TiO_2 up to 11.29% and V_2O_5 up to 0.40% in the adjoining GSI-investigated area further supports its prospectivity for critical minerals such as Ti, V, Sc, Ga and Co.

- d) The Committee advised the Agency to visit the proposed area and collect 4 to 5 surface samples and to provide analytical results of these samples during the DPR review.
- e) The Committee accorded in principle approval to the proposal and advised the agency to visit the proposed area and collect 4 to 5 surface samples. Analytical results of these samples to be incorporated in DPR.

Recommendations of TCC-II

The Committee accorded in principle approval to the proposal and advised the agency to visit the proposed area and collect 4 to 5 surface samples. Analytical results of these samples to be incorporated in DPR and submit the DPR within 2 months.

Agenda 35.4.2 Preliminary exploration (G3) for Rare Earth Elements in Myriaw block, West Khasi hills, Meghalaya.

ID: ME/IN/G3/ML/P/26-27/174

Area: 12.1 sq. km

[Implementing Agency: M/s MMPL Private Limited]

- a) The proposed block of 12.1 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet nos. 780/6 and 780/10, in parts of West Khasi hills, Meghalaya.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	There are no ongoing exploration/reconnaissance projects related to commodities mentioned in the proposal and any other mineral/commodity in the proposed area by GSI. Based on the past G4 stage exploration data by Trina Vyas et al, (2024), the proposed Myriaw block area is encouraging for taking up the exploration for regolith hosted REE.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	The Directorate of Mineral Resources, Meghalaya, has not undertaken any reconnaissance or detailed exploration activities for REE in Myriaw Block West Khasi Hills District, Meghalaya. At present, no reconnaissance or detailed exploration projects targeting REE and associated trace elements are being carried out by this Directorate in the proposed area at Myriaw Block West Khasi Hills District, Meghalaya. As per available records, no Composite License (CL)

		or Mining Lease (ML) has been granted for Major or Minor Minerals in the proposed block located within Myriaw Block West Khasi Hills District, Meghalaya.
5	NMEDT	The Proposed Block overlaps with the fallowing GSI 2023-24 project Reconnaissance survey for REE, lithium and associated mineralization around Kyllang Nongthymmai and Mawjaksaw, West Khasi Hills district, Meghalaya. No NMEDT-funded blocks are present in the vicinity of the proposed block, as per the NGDR Portal. The proposed area does not fall within the Recorded Forest Area (RFA), and no overlap has been observed with the ESZ/ESA, Tiger Corridor, or Protected Areas, as per the PM GatiShakti Portal.

- c) The committee was of the opinion that the proposed area of 12.1 sq. km. for G3 stage exploration of commodities such as REE is considerably large, no geologically favorable zone was observed. Further, considering the hilly terrain, it may be difficult to complete the envisaged quantum of work, including detailed geological mapping and drilling, within the stipulated 12-month timeframe generally followed for such exploration.
- d) Considering the above, the Committee did not accord in principle approval to the proposal and advised the agency to submit a block of 2 to 3 sq. km. area for consideration.

Recommendations of TCC-II

The Committee did not accord in principle approval to the proposal and advised the agency to submit a block of 2 to 3 sq. km. area for consideration.

Agenda 35.4.3 Reconnaissance survey (G4) for Bauxite, Aluminous Laterite & associated mineralization in Khapripani area, District, Dindori, Madhya Pradesh.

ID: ME/IN/G4/MP/P/26-27/177

Area: 118 sq. km

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

- a) The proposed area of 118 sq. km, for reconnaissance survey (G4), falls in Survey of India Toposheet no. 64F/6, in parts of Dindori district, Madhya Pradesh.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	During the Field Season (FS) 2025–26, aG-3 block was taken up for preliminary exploration titled “Preliminary exploration for bauxite and associated critical mineral such as V, Ti, and Ga in Sitalpani block Bajag tehsil, Distt. Dindori (M.P.)”. However, due to law and order issues in the area exploration projects have been placed in abeyance until further notice. The proposed block is situated nearby to same geological terrain and exhibits

		lithological characteristics similar to those of the above-mentioned exploration areas, indicating good potential for bauxite and associated mineralization. In view of the law-and-order issues that have hindered the exploration in the mentioned blocks, this proposed block may be considered for further exploration subjected to the prevailing law and order issues. Nearby detailed prospecting for Bauxite ore in Tantar and Tainchi blocks, Dindori District, Madhya Pradesh was done in FS-2010-12. The total prospective resource of bauxite in the Tantar block was 173.960 million tonnes.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	No NMEDT-funded blocks are present in the vicinity of the proposed block, as per the NGDR Portal. The proposed area falls within the Recorded Forest Area (RFA), however, no overlap has been observed with the ESZ/ESA, Tiger Corridor, or Protected Areas, as per the PM GatiShakti Portal. (The Recorded Forest Area constitutes approximately 94% of the total proposed block area)

- c) The Committee observed that a GSI exploration area under FS 2025-26 falls within the proposed block; however, the exploration project was subsequently dropped by GSI due to local issues.
- d) The Committee advised the Agency to include the area earlier dropped by GSI within the proposed exploration block. Further, considering the local issues reported by GSI, comments/views of the State DGM and the local administration may be obtained to assess the feasibility of undertaking exploration in the area and to decide the further course of action.
- e) The Agency informed that The Geological Survey of India (GSI) carried out a reconnaissance survey for bauxite in the Chara-Khamera area of Mandla District, Madhya Pradesh, during FS 1969-70. The investigation established the occurrence of extensive lateritic and bauxitic cappings over the plateau tops of the Maikala Range. The bauxite horizon generally ranges in thickness from 1-2 m, whereas the laterite horizon varies from a few metres to as much as 27 m. During the investigation, GSI analysed 12 samples, which recorded Al_2O_3 values ranging from 50.69% to 60.48%.
- f) Considering the above, the Committee agreed to accord in principle approval to the proposal subject to DGM comments considering law and order issues.

- g) The committee advised NMEDT secretariat to obtain comments/ views of the State DGM and the local administration to assess the feasibility of undertaking exploration in the area.

Recommendations of TCC-II

The Committee accorded in principle approval to the proposal subject to DGM comments considering law and order issues. It advised the agency to submit DPR within 2 months.

Agenda 35.4.4 Preliminary Exploration (G-3) for Bauxite, Vanadium and associated Minerals in Dadargaon block, Tehsil- Bajag, District – Dindori, Madhya Pradesh.

ID: ME/IN/G3/MP/P/26-27/170

Area: 5.21 sq. km

[Implementing Agency: M/s Vibrant Techno Lab Private Limited]

- a) The proposed block of 5.21 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 64F/10, in parts of Dindori district, Madhya Pradesh.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	GSI carried out Reconnaissance survey for Bauxite and aluminous laterite mineralization around Dadargaon and Chauradadar areas, Dindori District, Madhya Pradesh. FS 2023-24. Reconnaissance survey for Bauxite and aluminous laterite mineralization around Dadargaon and Chauradadar areas, Dindori District, Madhya Pradesh. FS 2023-24. During the Field Season (FS) 2025–26, two G-3 blocks were taken up for preliminary exploration: Preliminary Exploration for Bauxite and Associated Mineralization in the East of Chauradadr Block, Dindori District, Madhya Pradesh and Preliminary Exploration for Bauxite and Associated Mineralization in the East of Chauradadr Block, Dindori District, Madhya Pradesh. However, due to law and order issues in the area, both exploration projects have been placed in abeyance until further notice. The proposed block is situated within the same geological terrain and exhibits lithological characteristics similar to those of the above-mentioned exploration areas, indicating good potential for bauxite and associated mineralization. In view of the law-and-order issues that have hindered the exploration in the adjacent blocks, this proposed block may be considered for further exploration subjected to the prevailing law and order issues.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing

		exploration / reconnaissance project AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	Proposed block fully overlapped with GSI_G4_FS_2023-2024 (Reconnaissance survey for Bauxite and Aluminous Laterite Mineralization around Dadargaon and Chauradadar area, Dindori district, Madhya Pradesh) as per NGDR. Proposed block (100%) falls in Recorded Forest Area. No NMEDT funded blocks present in and around the proposed block in NGDR Portal.

- c) The Agency informed that GSI carried out a G4-stage reconnaissance survey for bauxite and aluminous laterite mineralisation around Dadargaon and Chauradadar, Dindori District, Madhya Pradesh. Analytical results indicate Al_2O_3 values of 25.95–62.57%, SiO_2 of 0.23–21.59%, $\text{Fe}_2\text{O}_3\text{T}$ of 2.46–44.46%, TiO_2 of 1.82–14.59%, V of 96.56–2410 ppm and Ga of 9.69–166.98 ppm. Further, during the field investigation (GSI, 2023), 15 bedrock samples (BRS), 2 pit samples and 1 channel/PCS sample were collected from the proposed block area. The analytical results of the BRS samples indicate V_2O_5 values ranging from 445.18–2410.10 ppm, Al_2O_3 from 28.95–57.75%, TiO_2 from 3.06–11.02% and Ga from 43.97–93.58 ppm. The pit samples recorded V_2O_5 values of 345.91–907.71 ppm, Al_2O_3 of 49.05–58.65%, TiO_2 of 7.61–7.68% and Ga of 67.72–70.95 ppm. The sample from the proposed VTL block recorded V_2O_5 of 404.66 ppm, Al_2O_3 of 17.63%, TiO_2 of 1.80% and Ga of 23.57 ppm.
- d) Considering the above, the Committee agreed to accord in principle approval to the proposal subject to DGM comments considering law and order issues.
- e) The committee advised the agency to visit the proposed area and collect 4 to 5 surface samples and to provide analytical results of these samples during the DPR review. The committee advised to reduce the area to about 3-4 sq. km.

Recommendations of TCC-II

The Committee accorded in principle approval to the proposal subject to DGM comments considering law and order issues. It further advised the agency to visit the proposed area and collect 4 to 5 surface samples and to provide analytical results of these samples during the DPR review and submit DPR within 2 months.

Agenda 35.4.5 Preliminary Exploration (G-3) for Bauxite, Vanadium and associated Minerals in Kharidih block, Tehsil- Bajag, District – Dindori, Madhya Pradesh.

ID: ME/IN/G3/MP/P/26-27/169

Area: 10.12 sq. km

[Implementing Agency: M/s Vibrant Techno Lab Private Limited]

a) The proposed block of 10.12 sq. km area for preliminary Exploration (G-3), falls in Survey of India Toposheet no. 64F/10, in parts of Dindori district, Madhya Pradesh.

b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	GSI carried out Reconnaissance survey for Bauxite and aluminous laterite mineralization around Dadargaon and Chauradadar areas, Dindori District, Madhya Pradesh. FS 2023-24. Reconnaissance survey for Bauxite and aluminous laterite mineralization around Dadargaon and Chauradadar areas, Dindori District, Madhya Pradesh. FS 2023-24. During the Field Season (FS) 2025–26, two G-3 blocks were taken up for preliminary exploration: Preliminary Exploration for Bauxite and Associated Mineralization in the East of Chauradadr Block, Dindori District, Madhya Pradesh and Preliminary Exploration for Bauxite and Associated Mineralization in the East of Chauradadr Block, Dindori District, Madhya Pradesh. However, due to law and order issues in the area, both exploration projects have been placed in abeyance until further notice. The proposed block is situated within the same geological terrain and exhibits lithological characteristics similar to those of the above-mentioned exploration areas, indicating good potential for bauxite and associated mineralization. In view of the law-and-order issues that have hindered the exploration in the adjacent blocks, this proposed block may be considered for further exploration subjected to the prevailing law and order issues.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	Proposed block fully overlapped with Exploration block of GSI_G4_FS_2023-2024 (Reconnaissance survey for Bauxite and Aluminous Laterite Mineralization around Dadargaon and Chauradadar area, Dindori district, Madhya Pradesh) as per NGDR.No NMEDT funded blocks present in and around the proposed block in NGDR Portal. Proposed block (100%) falls in Recorded Forest Area.

c) The agency informed that GSI (2024) carried out a G4-stage reconnaissance survey for bauxite and aluminous laterite mineralisation around Dadargaon and Chauradadar, Dindori District, Madhya Pradesh. The analytical results indicate Al_2O_3 : 25.95–62.57%, SiO_2 : 0.23–21.59%, $\text{Fe}_2\text{O}_3\text{T}$: 2.46–44.46%, TiO_2 : 1.82–

14.59%, V: 96.56–2410 ppm and Ga: 9.69–166.98 ppm. Within the proposed block, GSI (2023) collected 35 BRS, 15 pit and 3 PCS samples, which recorded V: 358.71–1582.89 ppm, Al_2O_3 : 17.45–62.57%, TiO_2 : 1.87–11.72% and Ga: 22.80–167 ppm, indicating significant enrichment of V and Ga along with Al_2O_3 .

- d) Considering the above, the Committee agreed to accord in principle approval to the proposal subject to DGM comments considering law and order issues. The committee advised the agency to visit the proposed area and collect 4 to 5 surface samples and to provide analytical results of these samples during the DPR review. It further advised the agency to remove the area covered by Basalt and modify the area to about 5-6 sq. km.

Recommendations of TCC-II

The Committee accorded in principle approval to the proposal subject to DGM comments considering law and order issues. It advised the agency to visit the proposed area and collect 4 to 5 surface samples and to provide analytical results of these samples during the DPR review and submit DPR within 2 months.

Agenda 35.4.6 Preliminary Exploration (G-3) for Bauxite, Vanadium and Associated Minerals in West of Chauradadar block, Tehsil Bajag, District, Dindori, Madhya Pradesh.

ID: ME/IN/G3/MP/P/26-27/168

Area: 6.20 sq. km

[Implementing Agency: M/s Vibrant Techno Lab Private Limited]

- a) The proposed block of 6.20 sq. km area for preliminary Exploration (G3), falls in Survey of India Toposheet no. 64F/10, in parts of Dindori district, Madhya Pradesh.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	GSI carried out Reconnaissance survey for Bauxite and aluminous laterite mineralization around Dadargaon and Chauradadar areas, Dindori District, Madhya Pradesh. FS 2023-24. Reconnaissance survey for Bauxite and aluminous laterite mineralization around Dadargaon and Chauradadar areas, Dindori District, Madhya Pradesh. FS 2023-24. During the Field Season (FS) 2025–26, two G-3 blocks were taken up for preliminary exploration: Preliminary Exploration for Bauxite and Associated Mineralization in the East of Chauradadr Block, Dindori District, Madhya Pradesh and Preliminary Exploration for Bauxite and Associated Mineralization in the East of Chauradadr Block, Dindori District, Madhya Pradesh. However, due to law and order issues in the area, both exploration projects have been placed in abeyance until further notice. The proposed block is situated within the same geological terrain and exhibits lithological characteristics similar to those of the above-mentioned exploration areas, indicating good potential for

		bauxite and associated mineralization. In view of the law-and-order issues that have hindered the exploration in the adjacent blocks, this proposed block may be considered for further exploration subjected to the prevailing law and order issues.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	Proposed block fully overlapped with Exploration block of GSI_G4_FS_2023-2024 (Reconnaissance survey for Bauxite and Aluminous Laterite Mineralization around Dadargaon and Chauradadar area, Dindori district, Madhya Pradesh) as per NGDR. No NMEDT funded blocks present in and around the proposed block in NGDR Portal. Proposed block (100%) falls in Recorded Forest Area.

- c) The agency informed that GSI (2024) carried out a G4-stage reconnaissance survey for bauxite and aluminous laterite mineralisation around Dadargaon and Chauradadar, Dindori District, Madhya Pradesh. The analytical results indicate Al_2O_3 : 25.95–62.57%, SiO_2 : 0.23–21.59%, $\text{Fe}_2\text{O}_3\text{T}$: 2.46–44.46%, TiO_2 : 1.82–14.59%, V: 96.56–2410 ppm and Ga: 9.69–166.98 ppm. Within the proposed block, 19 BRS, 2 pit and 1 PCS samples were collected (GSI, 2023), recording V: 510.86–1482.39 ppm, Al_2O_3 : 39.95–59.77%, TiO_2 : 5.97–14.59% and Ga: 58.79–107.80 ppm, indicating significant enrichment of V and Ga along with Al_2O_3 .
- d) Considering the above, the committee agreed to accord in principle approval to the proposal.
- e) Further, the Committee observed that some GSI exploration areas are falling within the proposed block; however, the projects were subsequently dropped by GSI due to local issues. The Committee advised the agency to exclude these areas overlapping with the GSI project from the proposed block. It further advised the agency remove the area covered by Basalt and modify the area accordingly. Further, in view of the local issues reported by GSI, the NMEDT Secretariat may obtain the views/comments of the State DGM and local administration to assess the feasibility of undertaking exploration in the area and decide the further course of action.
- f) Considering the above, the Committee agreed to accord in principle approval to the proposal subject to DGM comments considering law and order issues. The committee advised the agency to visit the proposed area and collect 4 to 5 surface samples and to provide analytical results of these samples during the DPR review

Recommendations of TCC-II

The Committee accorded in principle approval to the proposal subject to DGM comments considering law and order issues. It advised the agency to visit the proposed area and collect 4 to 5 surface samples and to provide analytical results of these samples during the DPR review and submit DPR within 2 months.

Agenda 35.4.7 Preliminary Exploration (G-3) for Graphite and Associated Minerals in Southwest of Bhopali block, Tehsil- Betul, District, Betul, Madhya Pradesh.

ID: ME/IN/G3/MP/P/26-27/178

Area: 2.72 sq. km

[Implementing Agency: M/s Vibrant Techno Lab Private Limited]

- a) The proposed block of 2.72 sq. km area for preliminary Exploration (G3), falls in Survey of India Toposheet no. 55J/4, in parts of Betul district, Madhya Pradesh.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	GSI has carried out Investigation for graphite in Tikari, Gauthana, Chiklar and surrounding areas, Betul district, M.P. (Stage-G4, FS: 2012-13) and Reconnaissance survey for graphite in Golighat-Junawani-Borgaon and Rathipur-Chikhli-Bhopali areas in Betul belt, Betul District, Madhya Pradesh (Stage-G4, FS: 2017-18). The graphite mineralisation in the area exhibits both lithological and structural controls. Available evidence also indicates that graphite has been remobilised and redeposited along a major NE–SW trending shear zone extending throughout the strike length, highlighting the favourable geological setting for graphite and associated mineralisation. In view of this, and considering that the presently proposed area has approximately 75–80% overlap with the MMPL-proposed Bhopali west block, the matter may be examined carefully to avoid duplication of the same area.
2	AMD	AMD has carried out reconnaissance exploration (G4 stage) for uranium in and around the proposed block. No significant surface radioactive zone was delineated. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	Proposed block of Vibrant overlaps with Bhopali west block of MMPL. MMPL block was dropped in 30 th TCC-II (Corrigendum) Minutes because of AMD Comments.

- c) The Committee observed that during the 30th TCC-II held on 4th and 5th June, 2026 M/s MMPL Pvt. Ltd. had proposed Bhopali West Graphite Block (1.83 sq. km.) for G3-stage preliminary exploration within the same Toposheet No. 55J/4, covering parts of Betul District, Madhya Pradesh. The block was not recommended by AMD in view of the known uranium potential in and around the proposed area and AMD's proposed future exploration plans in the vicinity.
- d) Considering the above, the Committee advised the NMEDT Secretariat to obtain clarification from AMD regarding the recommendation of the present block, particularly in view of its earlier observations concerning the Bhopali West Graphite Block in the same area.

Recommendations of TCC-II

The Committee did not accord in principle approval to the proposal and advised the NMEDT Secretariat to obtain clarification from AMD regarding the recommendation of the present block, particularly in view of its earlier observations concerning the Bhopali West Graphite Block in the same area.

Agenda 35.4.8 Reconnaissance Survey (G4) For REE Around Maa Asura Kumari Temple Area, Nayagarh District, Odisha.

ID: ME/IN/G4/OD/P/26-27/001

Area: 43.52 sq. km

[Implementing Agency: M/s GeoExpOre Private Limited]

- a) The proposed 43.52 sq. km area for reconnaissance Survey (G4), falls in Survey of India Toposheet no. 73H/8, in parts of Nayagarh district, Odisha.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	The proposed block is partly overlapping with ongoing REE exploration block (FSP 2026-27) of GSI.
2	AMD	There is no ongoing exploration / reconnaissance project.
3	MECL	The block proposed is not overlapping with explored block and ongoing blocks.
4	DGM	Overlaps slightly with south eastern part of Bausiapada proposal of Eartnenviro. Lab Private Limited.
5	NMEDT	This project was discussed in 28 th TCC-II dated 7 th and 8 th May 2026, where 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. The agency collected the samples as per advice of the committee and submit the analysis report.

- c) The agency informed the committee the obtained analysis values of the collected 5 BRS samples are below the cutoff limit.
- d) The committee based on the above fact did not accord in principle approval to the proposal

Recommendations of TCC-II

The Committee did not accord in-principle approval to the proposal due to non-encouraging values obtained in BRS samples analysis results presented by the agency.



List of participants attended 35th meeting of Technical-cum-Cost Committee - II (TCC - II) of NMEDT held on 18th and 19th August, 2026 through video conferencing mode

Annexure 1					
S.no	Name	Designation	Email ID	Contact No	Organization
1	Shri. Pradeep Singh	Additional Director General (PSS), GSI, Kolkata	pradeep.singh@gsi.gov.in	9810233957	Chairman, TCC -II
2	Shri. Sanjay Singh	Director, GSI, Western Region, Jaipur	sanjay.singh3@gsi.gov.in	9928860884	Member Secretary TCC-II
3	Shri. B S Jodha	Dy. Director General (Retired), GSI	jodha1961@gmail.com	9414023478	Member TCC-II
4	Shri. Sunil Kumar Vashisth	GM (Retired), Hindustan Zinc Limited, Udaipur	sunilhzi@gmail.com	9829059236	Member TCC-II
5	Shri M. K. Patel	Dy. Director General (Retired), GSI	patelmk27@gmail.com	9040011231	Member TCC-II
6	Dr. T. S. Sunil Kumar	Addl. Director (Retired), AMD	ts.sunilkumar@gmail.com	9502560153	Member TCC-II
7	Shri. D. S. Jeere	Director, GSI, RSAS Bengaluru.	dattatreya.jeere@gsi.gov.in		Member TCC-II
8	Dr. M. K. Mukherjee	Associate Professor IIT (ISM) Dhanbad	mrinal@iitism.ac.in	9431711148	Member TCC-II
9	Shri Anoop Kumar	Cost Accounts Officer	anoop.kumar2@gsi.gov.in	8969116172	GSI-CHQ, Member TCC-II
10	Shri M. Chandradas	Project co-ordinator			PRB INFRAPROJECTS PVT. LTD.
11	Shri Prem Babu Singh Lodhi	Technical area expert (geology)			PRB INFRAPROJECTS PVT. LTD.
12	Shri Mallikarjun BL	Chief General Manager (Exploration)	apcdrilling@gmail.com	9422801575	APC Drilling & Construction Pvt. Limited
13	Shri C.S. Ramesh	General Manager (Exploration)	apcdrilling@gmail.com	9980544027	APC Drilling & Construction Pvt. Limited
14	Shri Atul Rathore	Deputy General Manager (Exploration)	apcdrilling@gmail.com	7011884417	APC Drilling & Construction Pvt. Limited
15	Dr. Yerriswamy Patil	Director	ypateel@geoexpore.com		GeoExpOre Pvt. Ltd.
16	Mr. Mohammad Muslemeen	Senior Geologist	mohammad@geoexpore.com		GeoExpOre Pvt. Ltd.
17	Mr. Ritesh Singh	Junior Geologist	ritesh@geoexpore.com		GeoExpOre Pvt. Ltd.
18	Mr. Dhanasekaran	Junior Geologist	dhanasekaran@geoexpore.com		GeoExpOre Pvt. Ltd.
19	Ms. Mansi Kesarwani	Assistant Manager (geoscience)	mansi@geoexpore.com	9591167745	GeoExpOre Pvt. Ltd.
20	Shri Ambika Prasad Samantaray	CEO & Project coordinator	ambika.s@mmplmining.com		MMPL Pvt. Ltd.

21	Dr. Suman Krishna Sit	Vice President	suman.krishna@mmplmining.com		MMPL Pvt. Ltd.
22	Shri Saswat Subedit	Dy. Manager	saswat.s@mmplmining.com		MMPL Pvt. Ltd.
23	Ms. Moulipriya Bhakta	Dy. Manager	moulipriya.bhakta@mmplmining.com		MMPL Pvt. Ltd.
24	Shri Subhajit Chakraborty	Geologist	subhajit.chakraborty@maheshwaree.in		MMPL Pvt. Ltd.
25	Shri Sangeeth Gopi	Principal Geologist, Prospecting & RA	sangeeth@tatasteel.com	7763807661	Natural Resources Division-Tata Steel Limited
26	Shri Rituraj	Sr. Area Manager, Geology	rituraj1@tatasteel.com	9438887801	Natural Resources Division-Tata Steel Limited
27	Shri Shrikant Sharma	HoD (Exploration)	shrikantsharma@mecl.gov.in	9131229758	MECL
28	Shri. Naveen Kumar Pala	DGM (Exploration)	naveenpala.mecl@gmail.com	7738368657	MECL
29	Shri S. K. Satapathy	Senior Manager (Geology)	sksatapathy4u@gmail.com	9993617090	MECL
30	Shri Sayandeep Chakraborty	Asst Manager (Geology)	Sayanchak2011@gmail.com	9038956935	MECL
31	Ms Rajanya Roy	Asst Manager (Geology)	royrajanya@gmail.com	7301099066	MECL
32	Shri Dileep Pandey	Asst. Manager (Geology)	dileepandey@mecl.gov.in	7987623193	MECL
33	Shri Shivdayal Godara	Director (TAE-GEO & HG)	bd@vibranttechnolab.com	9549956601	Vibrant Techno Lab Pvt Ltd
34	Dr D. B. Guha	TAE- GEO	bd@vibranttechnolab.com	9413764901	Vibrant Techno Lab Pvt Ltd
35	Shri Kireet Acharya	GM	bd@vibranttechnolab.com	9414163053	Vibrant Techno Lab Pvt Ltd
36	Shri Rohit Gupta	Geologist	bd@vibranttechnolab.com	9079113142	Vibrant Techno Lab Pvt Ltd
37	Dr R. R. Singh	TAE- GEOPHYSICST	bd@vibranttechnolab.com	7728029185	Vibrant Techno Lab Pvt Ltd
38	SHRI R.K Sharma	PC -Geo	exploration@vardan.co.in	9460727857	Vardan Environet LLP
39	Shri B.B Sharma	TAE-Geo	exploration@vardan.co.in	9460116555	Vardan Environet LLP
40	Shri Sagar Ranjan	Sr. Geologist	exploration@vardan.co.in	8249035643	Vardan Environet LLP
41	Shri Nitin	Geologist	exploration@vardan.co.in	9691177227	Vardan Environet LLP
42	Shri G. Sreenivas Chowdary	Deputy Director (Mines)	apdmgplanning8@gmail.com	9100688811	Dept of Mines & Geology, Govt of AP
43	Representative				DGM Arunachal Pradesh
44	Representatives				DGM Maharashtra
45	Representatives				DGM Assam
46	Representatives				DGM UP
47	Shri Monu Tomer	Sr. Geophysicist	sr.geophysicist-nmet@gov.in	9467728411	NMEDT
48	Shri Manish Kumar	Geophysicist	geophysicist-nmet@gov.in	9652258670	NMEDT