

Ministry of Mines
National Mineral Exploration & Development Trust
Minutes of 25th meeting of Technical-cum-Cost Committee - II (TCC - II)
held on 17th and 18th March 2026

The 25th meeting of Technical-cum-Cost Committee-II (TCC-II) of National Mineral Exploration and Development Trust (NMEDT) was convened through video conferencing under the Chairmanship of Shri Pradeep Singh, Deputy Director General (DDG), Geological Survey of India (GSI) and Chairman, TCC-II, NMEDT held on 17th and 18th March 2026.

Members of TCC-II, NMEDT and representatives from M/s Kartikay Exploration & Mining Services Private Limited, M/s Envirogreen Consultants (India) Private Limited, DGM Nagaland, M/s Maheshwari Mining Private Limited (MMPL), DMG Rajasthan, M/s GEMS Project Private Limited, M/s Geo Marine Solutions Private Limited, DMR Meghalaya, M/s Critical mineral trackers (CMT), Central Mine Planning & Design Institute Limited (CMPDI), M/s Natural Resources Division-Tata Steel Limited, M/s Vardan Environet LLP, M/s United Exploration India Private Limited, M/s PRB Infraprojects Private Limited, Mineral Exploration and Consultancy Limited (MECL), M/s UNISED Research Consultants Private Limited, M/s Shijay Projects India Private Limited, M/s APC Drilling & Construction Private Limited, M/s Enkay Enviro Services Private Limited, M/s Ocean Drilling and Exploration Private Limited, DGM Odisha, DGM Jharkhand, etc. have attended the meeting through video conferencing mode.

The list of participants is at **Annexure-1**.

Shri Pradeep Singh, DDG, 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).

Shri Pradeep Singh informed all exploration agencies that the *Checklist for Exploration Agencies for Submission of Exploration Project Proposals* has been issued as Annexures 7 & 8 of the Minutes of the 7th Joint Meeting of the Technical-cum-Cost Committees held on 20th February 2026 and available on NMEDT website. All agencies are required to adhere to the checklist, as this will help streamline the evaluation process and save time.

25.1 Technical Evaluation of New Project Proposals

Agenda 25.1.1 Preliminary exploration (G3) for Limestone in Ratanpura Kamba – Waghs block, Aravali and Mahisagar district, Gujarat (8.89 sq. km)

[Implementing Agency: M/s Kartikay Exploration & Mining Services Pvt. Ltd.]

- a) The proposed area of 8.89 sq. km for preliminary exploration (G3), falls in the survey of India toposheet No. 46E/08 and lies within Aravali and Mahisagar districts, Gujarat.
- b) The table containing the comments is given below

S.N.	Agency	Comment
1	GSI	No previous work in the area. No ongoing Reconnaissance or Exploration projects pertaining to limestone or any other mineral exists in the proposed area.
2	DMG	The proposed block is overlapping with the MB7 Ranjitpura Manganese Block (G4 level, area: 7.18 sq.km). NOC issued to CGM/GMRDS. A solar park is observed within the proposed Limestone Ratanpur Kampa–Waghas block.

3	MECL	No comments available.
4	NMEDT	There is no overlapping with NMEDT funded block in the proposed area.

- c) The agency informed the committee that NMEDT. Ministry of Mines has allocated 2 areas of CGM Gujarat out of 51 legacy reports of State DGMs/DMGs for upgradation of the Exploration level so that blocks can be put up on auctionable platform on a fast track basis.
- d) The agency informed the committee that the proposed area has been taken out from 51 legacy reports of State DGMs/DMGs. The major metamorphic divisions of the rocks form an integral part of the study area. Various rock types, including quartzites, phyllites, schists, limestone and basalts, are exposed throughout the region. Cretaceous formations are also present, deposited within a shallow basin. CGM Gujarat has carried out investigation during 1967-68 and reported the area around Rojhao, Khadak M, and Kharod Kampa is occupied by Blendable-grade limestone, which is light grey in colour, hard, and compact. Chemical analysis shows SiO₂ around 20 % and CaO between 32–40 %, making it suitable for cement industry use when blended with high-grade limestone.
- e) The committee observed that the proposed block overlaps with the MB7 Ranjitpura Manganese block and a solar park is also present within the block. Based on these facts the committee did not recommend the proposal.

Recommendation TCC-II

The committee did not recommend the proposal as the proposed block overlaps with the MB7 Ranjitpura Manganese block and had a solar park within the proposed block as per the information provided by CGM Gujarat.

Agenda 25.1.2 Preliminary exploration (G3) for Nickel, Copper, Chromium and associated minerals in Manwa and Bhimpur block in Udaipur district, Rajasthan.

[Implementing Agency: M/s Envirogreen Consultants private limited]

- a) The proposed area of 7.25 sq. km for preliminary exploration (G3), falls in Survey of India Toposheet Nos. 46E/09 and lies within parts of Udaipur district, Rajasthan.
- b) The table containing the comments is given below

S.N.	Agency	Comment
1	GSI	At present no project is going on in the proposed area. In and around proposed NPEA block, GSI has carried out G4 investigation for Basemetal as well as Ni and PGE. In these areas, only two nos. of bed rock samples show anomalous Ni concentration $\geq 0.34\%$ and 5 nos. of bedrock samples show anomalous Cr concentration $\geq 0.38\%$. Three nos. of bedrock samples show Cu concentration $\geq 0.36\%$. The area seems feasible for G3 stage exploration for copper and associated mineralisation.
2	DMG	DMG has not carried out any study in the area for Nickel, Copper Chromium and Associated Minerals. The said block falls within the Aravalli area as per the Directorate's Circular dated 09.01.2006 and is also covered under the FSI Aravalli polygon.

3	MECL	MECL has not carried out exploration in the proposed block.
4	NMEDT	There is no overlapping with NMEDT funded block in the proposed area.

- c) The agency referred the GSI's G4 report for Nickel and associated PGE in Kherwara-Mandwa-Katev area of Rikhabdev Ultramafic Rocks, Udaipur and Dungarpur Districts, Rajasthan. Analytical results of 220 nos. of bedrock samples indicate variations of Ni value in the area from 7.5 ppm to 0.56% with average value of 0.16%, Cr varies from 16 ppm to 1.3% with average value of 0.17%, Cu varies from 1 ppm to 0.76% with average value of 120 ppm, Co varies from 0.5 ppm to 486 ppm with average value of 85 ppm, Pb varies from 1 ppm to 119 ppm with average value of 16 ppm, Zn varies from 2.5 ppm to 654 ppm with average of 66 ppm. Two nos. of bed rock samples show anomalous Ni concentration $\geq 0.34\%$ and 5 nos. of bedrock samples show anomalous Cr concentration $\geq 0.38\%$. Three nos. of bedrock samples show Cu concentration $\geq 0.36\%$. The Pt value in bedrock samples varies from 6.7 ppb to 15.9 ppb with mean value of 10.18 ppb in 6 samples and Pd varies from 6.04 ppb to 27.3 ppb with mean value of 12.59 ppb in 13 samples.
- d) The committee observed that the proposed block falls within the Aravalli area as per Directorate's Circular dated 09.01.2006 and is also covered under the FSI Aravalli polygon. Therefore, committee did not recommend the proposal.

Recommendation TCC-II

The committee did not recommend the proposal as the proposed block falls within the Aravalli area and was also covered under the FSI Aravalli polygon as per the information by DMG Rajasthan.

Agenda 25.1.3 Preliminary exploration (G3) for Copper, Baryte and associated minerals in Kharwa-Chandsa block of Udaipur District, Rajasthan

[Implementing Agency: M/s Envirogreen Consultants Pvt. Ltd.]

- a) The proposed area of 10.80 sq. km for preliminary exploration (G3), falls in Survey of India Toposheet Nos. 45 H/15 and lies within parts Udaipur District, Rajasthan.
- b) The table containing the comments is given below

S.N.	Agency	Comment
1	GSI	At present no project is going on in the proposed area. During FS 2024-25, in G4 stage, Large Scale Mapping of an area of 100 sq. km on a scale of 1:12,500 along with collection of 64 nos. of bedrock and 102 nos. of channel samples were done. A total of 42 nos. of petrochemical samples, 45 nos. of petrological and 5 nos. of XRD samples were collected. The report finalization is under progress.
2	DMG	The proposed block falls within the Aravalli area as per the Directorate's Circular dated 09.01.2006 and is also covered under the FSI Aravalli polygon.
3	MECL	The proposed block completely overlaps with Vasu-Jagat-Kharwach and Saran-Bharwawat block (G4) MECL block.

4	NMEDT	Overlapping with NMEDT funded G4 MECL Kharwach and Saran-Bharwawat block.
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- c) The agency referred the MECL's G4 report for Base Metal and Gold in Vasu - Jagat-Kharwach & Saran-Bharwawat Block, 2017 which shows sign of mineralization of Copper in the Pre-Aravalli granite gneiss and amphibolites, generally found wherever there is intrusion of a quartz feldspathic vein, which may be sheared at places. It further referred the GSI's G4 report for Copper and Associated Mineralization in Lalpura, Bemla and Ramaj Areas, Udaipur District, Rajasthan, where Mineralisation in the study area was mainly confined to the ferruginous quartzite and micaceous quartzite of Sawadri Group of Mangalwar Complex. The mineralisation in the area was in the form of malachite stains, limonitisation, gossanization, intense silicification and in the form of disseminations and specks of pyrite, chalcopyrite and covellite. The mineralisation is mainly lithologically controlled. Copper mineralization had been reported within ferruginous quartzite and micaceous quartzite from Lalpura-Bemla and Ramaj areas respectively of Udaipur district. A total of 30 nos. bedrock samples had been collected from Lalpura-Bemla, Vasu and Ramaj areas out of which 07 nos. of bedrock samples from Ramaj area yielded Cu values ranging from 1.41% to 0.30% and 17 samples from Lalpura Bemla sector yielded 0.16% to 0.40% of Cu. The agency has carried our field work, which confirm occurrences/possibilities of mineralization/ exposures within the proposed block where five number of samples, 4 from Baryte and one for copper were collected.
- d) The committee observed that the proposed block falls within the Aravalli area as per Directorate's Circular dated 09.01.2006 and is also covered under the FSI Aravalli polygon. Therefore, committee did not recommend the proposal.

Recommendation TCC-II

The committee did not recommend the proposal as the proposed block falls within the Aravalli area and is also covered under the FSI Aravalli polygon as per the information by DGM Rajasthan.

Agenda 25.1.4 Preliminary exploration (G3) for Ni-Co-Cr-Magnetite and PGE in Thewati block, Meluri district, Nagaland (4.72 sq. km)

[Implementing Agency: DGM Nagaland]

- a) The proposed preliminary exploration (G3) block, covering an area of 4.72 sq. km, is located on Survey of India Toposheet No. 83K/14 and 83K/15 and falls within parts of Meluri District, Nagaland.
- b) The DGM, Nagaland informed the committee that the proposal has been formulated on the basis of already completed NMEDT funded G4 Exploration of Ni-Co-Cr-Magnetite in Mollen-Jopi-Zipu Ridge and adjoining areas. It was further informed that the magnetite from the Thewati, Reguri, and Northern Ziphu zones contains Fe₂O₃ from 61.66%-74.08%; SiO₂ 7.52%-12.48%; Al₂O₃ 4.56-16.42%; iron (Fe) 28.03-57% along with notable amounts of nickel (0.16-1.79%), cobalt (0.02-0.35%), chromium (0.47-2.62%), and titanium (0.014-0.294%). Although these metals show appreciable enrichment, the vanadium content is 13.80-307 ppm. The samples also contain ΣPGE values of 681.262-1550.369 ppb, which adds further economic significance. The G4 Exploration report had established the presence of strata bound Magnetite bodies with Ni-Co-Cr mineralisation in the Thewati area with an average wt% of Fe - 47.02%, Ni - 0.72%, Co - 0.06%, Cr - 1.25%, Ti - 0.192%, V - 187.16 ppm, and Total PGE >700ppb. A prognostic resource of 4.52MT (334) had been estimated. Further, the agency informed that Drilling and Drone Magnetic Survey work will be outsourced.
- c) The table containing the comments is given below

S.N.	Agency	Comment
1	GSI	No exploration / reconnaissance projects related to nickel and any other mineral commodity is being carried out by GSI in the proposed block. GSI has not taken up any exploration work in the proposed NMEDT block.
2	MECL	No comments available
3	NMEDT	Overlapping with NMEDT funded G4 exploration of Ni-Co-Cr-Magnetite in Mollen-Jopi-Zipu Ridge and adjoining areas carried out by DGM Nagaland.

- d) The committee opined that, based on the analytical results of the G4 report of DGM Nagaland, the PGE analysis may be added in the project proposal. The committee further observed that DGM Nagaland may need technical support for execution of the G3 exploration project and suggested that GSI may be requested to provide guidance during the execution of the project by providing services of experienced Geologist and Geophysicist. The committee also advised NMEDT to seek guidance from GSI for the implementing agency in matters related to geological mapping, drill hole planning, and geophysical survey works.
- e) In view of the encouraging results obtained during the G4 stage of exploration by DGM, the TCC-II agreed to recommend the proposal. The committee evaluated the proposed cost sheet and suggested a revised drilling programme comprising a total drilling depth of 1600 m, including 10 boreholes of 60 m average depth (at 30 m vertical depth) and 10 boreholes of 100 m average depth (at 60 m vertical depth).

Recommendation TCC-II

The committee recommended the proposal for approval of PSC for "Preliminary exploration (G3) for Ni-Co-Cr-Magnetite and PGE in Thewati block, Meluri district, Nagaland" with an estimated cost of ₹642.67 Lakh (including GST) within the time schedule of 14 months and submission of the report as per Annexures 2A & 2B. The item will be reviewed after 5 months & 8 months. Drilling in 20 Boreholes (10 BH first level 10x60m + 10 BH second level, 10x100m) with total Meterage of 1600 m will be done.

Estimated Cost for Preliminary exploration (G3) for Ni-Co-Cr-Magnetite and PGE in Thewati block, Meluri district, Nagaland
Total area - 4.72 Sq.km; Borehole - 20 (10 BH first level 10x60m + 10 BH second level, 10x100m); Total Meterage - 1600 m, Period of completion - 14 months,
Review - After Geophysical Survey & Mapping in 5 month and 2nd review in 8 months after 1st Level boreholes

SL.No	Item Of Work*	Unit*	Rate As Per NMEDT SOC		Estimated Cost of the Proposal			Remarks	
			SOC. Item No	Rate As Per SOC* (a)	Qty. (b)	2X	Total		
							Amount (Rs) (a*b)		
A	Detailed Geological Mapping Other Geological Work & Surveying								
	Geological mapping (1:4000), Pitting/Trenching & Drilling work								
i	a. Charges for 2 Geologist per day (Field) for Geological mapping & Trenching work, drilling activity (without labour)	day	1.2.1a	₹ 14,500.00	180	2	₹ 52,20,000.00		
ii	b. Labours charges; Base rate (for 2 labours per geologists)	day	5.8	₹ 541.00	360	2	₹ 3,89,520.00	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.	
iii	c. Charges for Geologist per day (HQ)	day	1.2.1a	₹ 10,500.00	60		₹ 6,30,000.00		
iv	Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	₹ 7,850.00	74	2	₹ 11,61,800.00		
v	Charges for Labour	day	5.8	₹ 541.00	296	2	₹ 3,20,272.00		
	Sub Total- A							₹ 77,21,592.00	
B	Trenching/Pitting								
i	Trenching	per cu. m	2.1.1	₹ 4,125.00	100	2	₹ 8,25,000.00		
	Sub Total- B							₹ 8,25,000.00	
C	Survey work								

i	Charges for one qualified surveyor (Topographic survey, surface contouring at specific interval)	day	1.3.1	₹ 10,500.00	30	2	₹ 6,30,000.00	
ii	DGPS Survey for BH fixation and Cardinal Points of block	Per Point of observation of observation	1.3.2	₹ 24,000.00	28	2	₹ 13,44,000.00	20 BH and 8 Cardinal Points of block boundary.
Sub Total- C							₹ 19,74,000.00	
D	Ground Geophysical Survey (Outsource)							
i	Charge for Drone Magnetic survey	Line km	7a	₹ 8,000.00	40	2	₹ 6,40,000.00	100 m line spacing
Sub Total- D							₹ 6,40,000.00	
E	Drilling (after review) (Outsource)							
i	Systematic Drilling (Hard rock) (HQ) first level BH)	per m	2.2.1.1 d	₹ 10,000.00	1600	2	₹ 3,20,00,000.00	10 BH first level 10x60m + 10 BH second level, 10x100m); Meterage - 1600 m
iii	Borehole deviation by multi shot camera	per m	2.2.5	₹ 330.00	267	2	₹ 1,76,000.00	
iv	Land / Crop Compensations (in case the BH falls in agricultural Land)	per borehole	5.6	₹ 30,000.00	20	2	₹ 12,00,000.00	As per actuals as certified by local authorities subject to a maximum of 30000 per borehole. (Considering low lying ore body exposed in slopes & undulated topography of the terrain)
v	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	₹ 2,000.00	20	2	₹ 80,000.00	
xi	Drill Core Preservation	per m	5.3	₹ 1,590.00	400	2	₹ 12,72,000.00	
Sub Total- E							₹ 3,47,28,000.00	
F	Laboratory Studies							
1	Chemical Analysis							
i)	Geochemical Sampling-Surface samples (BRS/Channel)							

a	Analysis of major oxides samples by XRF	Nos	4.1.17a	₹ 4,200.00	325		₹ 13,65,000.00	BRS-50, PIT/TRENCH-75, CS-200 (TOTAL-510)	
b	Analysis of major oxides samples by XRF (10% Check samples)	Nos	4.1.17a	₹ 4,200.00	33		₹ 1,36,500.00		
c	Analysis for PGE (ICP-MS Ni-S Fire assay technique)	Nos	4.1.6	₹ 13,600.00	150		₹ 20,40,000.00		
d	Analysis for PGE (ICP-MS Ni-S Fire assay technique) (10% Check samples)	Nos	4.1.6	₹ 13,600.00	15		₹ 2,04,000.00		
e	Analysis for precious metals by fire assay technique (Au & Ag)	Nos	4.1.5a	₹ 5,000.00	20		₹ 1,00,000.00		
f	Analysis for precious metals by fire assay technique (10% Check samples)	Nos	4.1.5a	₹ 5,000.00	2		₹ 10,000.00		
g	HR-IC PMS (REE & Trace elements)	Per Sample	4.1.16f	₹ 7,400.00	20		₹ 1,48,000.00		
h	Check samples (10% External) HR-IC PMS (REE & Trace elements)	Per Sample	4.1.16f	₹ 7,400.00	2		₹ 14,800.00		
2	Physical & Petrological/mineragraphic Studies								
i	Preparation of Standard thin section of rock	Nos	4.3.1	₹ 500.00	10		₹ 5,000.00		
ii	Complete petrographic/ ore microscopic study/ mineragraphic report of rock sample (along with 5 nos. digital photomicrographs)	Nos	4.3.4	₹ 2,800.00	10		₹ 28,000.00		
	petrochemical studies	Nos	4.1.17a	₹ 4,200.00	10		₹ 42,000.00		
iv	Bulk density analysis	Nos	4.8.3	₹ 2,500.00	5		₹ 12,500.00		
vi	EPMA	Hrs.	4.4.1	₹ 10,500.00	18		₹ 1,89,000.00		
	Sub Total- F							₹ 42,94,800.00	
G	Total A to G							₹ 5,01,83,392.00	
H	Reimbursement of cost in case of outsourced components of project work		6				₹ 20,00,000.00		
	Trending process Cost		5.9				₹ 5,00,000.00		

I	Geological Report Preparation	5 Hard copies with a soft copy	5.2				₹ 7,50,000.00	Reimbursement will be made after submission of the Final Geological Report in Hard Copies (5 Nos) and the soft copy to NMEDT.
J	Peer review Charges	As per EC decision		₹ 30,000.00	1		₹ 30,000.00	
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 Lakhs whichever is less			₹ 5,00,000.00	EA will be reimbursed after submission of the Hard Copies and the soft copy of the final proposal along with Maps and Plan as suggested by the TCC-NMEDT in its meeting while clearing the proposal.
L	3D Ore Body Modelling using compatible software	Lumpsum	5.4				₹ 5,00,000.00	As rates varies from mineral to mineral and on mode of occurrence, hence charges applicable would be as per actual, based on market survey
M	Total Estimated Cost without GST						₹ 5,44,63,392.00	
N	Provision for GST (18% of L)						₹ 98,03,410.56	GST will be reimbursed as per actual and as per notified prescribed rate
	Total Estimated Cost with GST						₹ 6,42,66,802.56	
	Rs. In Lakhs						₹ 642.67	
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 of the project is outsourced, the amount will be reimbursed as per the paragraph 3 of NMEDT SoC and item no:6 of NMEDT SoC, In case of execution of the project by NEA on its own, a certificate regarding non-outsourcing of any component/project is required
4	Necessary efforts should be made to minimise 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



Table-4 Time Schedule/Action Plan for preliminary exploration (G3) for Ni-Co-Cr-Magnetite and PGE in Thewati block, Meluri district, Nagaland
Review - After Geophysical Survey & Mapping in 5 month and 2nd review in 8 months after 1st Level boreholes

S. No	Nature of Work	Months													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Camp Set up	█													
2	Geological mapping (DM) (sq. km)	█	█												
3	Topographic survey- DGPS/ Total station/Drone	█	█												
4	Geophysical survey (Magnetic Survey) (L.km)			█											
5	Surface exploration-Pitting/Trenching (cu. m)			█	█	█									
6	Bed rock samples (nos.)				█	█									
7	Pit/Trench samples (nos.)				█	█									
8	DGPS survey for fixation of borehole and cardinal points														
9	Sub surface exploration – Drilling (m)														
10	Receipt of analyses and processing of analytical data					█									
11	Ore body modelling and GR preparation														

REVIEW

REVIEW

Agenda 25.1.5 Preliminary exploration (G3) of Graphite and associated mineralization in Padariya Block, District, Sidhi, Madhya Pradesh (5.1 sq. km)

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

- a) The proposed preliminary exploration (G3) block, covering an area of 5.1 sq. km, is located on Survey of India Toposheet No. 63 L/3 and falls within parts of Sidhi District, Madhya Pradesh.
- b) The table containing the comments is given below

S.N.	Agency	Comment
1	GSI	The proposed Padariya block is fully overlapping with GSI's explored block with report titled, "Report on the investigation for copper in Bahera-Baharia shear zone, Sidhi district, Madhya Pradesh (FS: 1978-79) (G4)". It also overlaps with ongoing reconnaissance survey for Kimberlite/Lamproite Clan of Rocks in Bahera-Baskati block, Sidhi District, Madhya Pradesh, (FS 2025-26), In adjacent to the proposed block, GSI is also carrying out a Reconnaissance Survey for copper and graphite mineralization in and around Malkham-Bahari-Rehi area, Sidhi and Singrauli Districts, Madhya Pradesh (FS 2025-26).
2	MECL	Comments not available.
3	NMEDT	The proposed block overlaps with CMPDI's Kochipur G4 exploration area, where the project was closed due to low FC values, ranging from 0.1% to 0.406%.
4	DGM	Comments not available.

- c) The agency informed the committee that the Bahera–Baharia shear zone, mapped by Kanchan and Pandhare (1973–74), hosts polymetallic mineralization within brecciated and silicified carbonaceous phyllite of the Agori Formation, extending about 8 km along ENE–WSW direction. Mineralization includes chalcopyrite, malachite, azurite, limonite and amorphous graphite (shungite) with fixed carbon values up to 5.85%. The proposed Padariya Graphite block lies along the northeastern extension of this shear zone. Nearby exploration activities include CMPDI G4 proposals in Kubri and Kochipur blocks and GSI G4 exploration in Malkham–Bahari–Rehi area. Additionally, auctioned Patehra REE–Graphite and Bahera–Goriara Graphite–Base Metal blocks lie along the same mineralized strike. The agency collected four bedrock samples, out of which three show FC value of 4-4.26 %.
- d) The committee opined that based on results of G4 item which is progressing during 2025-26, by GSI, there may be possibility/further scope of identifying/delineating potential G3 block. The proposal may be resubmitted only if the results of GSI's G4 stage exploration of FS 2025–26 for Cu and Graphite in the adjacent area are found to be encouraging.

Recommendation TCC-II

The Committee did not recommend the proposal as during previous work of CMPDI's Kochipur G4 exploration in this area, the values of FC i. e. 0.1% to 0.406% were not encouraging.

Agenda 25.1.6 Reconnaissance survey (G4) for Nickel Chromium, Gold, PGE and Titanium in Pasubera West, West Singhbhum District, Jharkhand. (53.0 sq. km)

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

- a) This project was discussed in 23rd TCC-II where the committee advised the agency to explore the adjacent areas for mineral potential and to extend the proposed area.
- b) Subsequently, the agency modified the area by removing the overlapped part making block area to 53 sq. km. The agency referred to the G4 exploration project report of GSI for FS 2016-17. The nearest block was Jojohatu, located south of Singhbhum shear zone. The area is mainly composed of quartzite, shale, and phyllite belonging to the Iron Ore Group, along with associated ultramafic rocks. The major ultramafic rocks present in the Jojohatu block include Peridotite, Dunite and Pyroxenite. Chromite mineralization is associated with ultramafic rocks such as serpentinite and peridotite. The ultramafic bodies are emplaced along and parallel to the axial plane of a NE–SW trending syncline in Jojohatu. In the Jojohatu block, the concentration of Platinum Group Elements (PGE) ranges from 83 ppb to 208.72 ppb.
- c) The agency further discussed the NGPM magnetic data which gave bipolar magnetic anomalies with ultramafic bodies which corroborated with the NGCM values for Ni and Cr.
- d) Considering the above, the TCC-II agreed for recommendation of the proposal. The committee evaluated the proposed cost sheet and suggested 300m total drilling in 5 boreholes with average depth of 60m for each BH. The committee also suggested 3 profile lines for geophysical survey.

Recommendation TCC-II

The committee recommended the proposal for approval of PSC for “Reconnaissance survey (G4) for Nickel Chromium, Gold PGE and Titanium in Pasubera West, West Singhbhum District, Jharkhand.” with an estimated cost of ₹139.05 Lakh (including GST) within the time schedule of 12 months and submission of the report as per Annexures 3A & 3B. The item will be reviewed after 04 months and 08 month. Drilling will be decided after 1st reviewed.



Estimated Cost for Reconnaissance Survey (G4 Stage) For Ni, Cr, Au, PGE and Ti in Pasubera West, West Singhbhum District, Jharkhand
Total area - 53.00 Sq.km; Borehole - 5; Meterage - 300 m, Period of completion - 12 months, Review – after 4 months and 8 months

SL. No	Item Of Work*	Unit*	Rate As Per New SOC		Estimated Cost of the Proposal		Remarks
			SOC. Item No	Rate As Per SOC*	Qty. (b)	Total Amount (Rs)	
A	Large Scale Geological Mapping Other Geological Work & Surveying						
i	Geological mapping (1:12,500), Trenching & Drilling work	Sq. km	1.1.1	₹ 18,300.00	53	₹ 9,69,900.00	
ii	Charges for Geologist per day (Field) for Geological mapping & Trenching work, drilling activity (without labour)	day	1.2.1a	₹ 14,500.00	90	₹ 13,05,000.00	
iii	Labours charges; Base rate (for 2 labours per geologists)	day	5.8	₹ 541.00	180	₹ 97,380.00	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
iv	Charges for Geologist per day (HQ)	day	1.2.1a	₹ 10,500.00	60	₹ 6,30,000.00	
Sub Total- A						₹ 30,02,280.00	
B	Trenching/Pitting						
i	Trenching	per cu. m	2.1.1	₹ 4,125.00	100	₹ 4,12,500.00	
ii	Pitting	per cu. m	2.1.2	₹ 4,725.00	50	₹ 2,36,250.00	
Sub Total- B						₹ 6,48,750.00	
C	Survey work						
i	DGPS Survey for BH fixation & RL determination	Per Point of observation of observation	1.3.2	₹ 24,000.00	9	₹ 2,16,000.00	
Sub Total- C						₹ 2,16,000.00	
D	Ground Geophysical Survey (in- house)						

i	Charges for Gravity survey & Magnetic survey	station	3.1b	₹ 4,500.00	120	₹ 5,40,000.00	3 profiles with 250m station interval
v	Charges for Geophysicist at Headquarters	day	3.18	₹ 10,500.00	30	₹ 3,15,000.00	
Sub Total- D						₹ 8,55,000.00	
E	Drilling (after review) (in-house)						
i	Scout Drilling up to 500 m (Hard rock) (HQ)	per m	2.2.1.1d	₹ 10,000.00	300	₹ 30,00,000.00	300m drilling in Orthopyroxenite. In 5 BH
ii	Borehole deviation by multi shot camera	per m	2.2.5	₹ 330.00	50	₹ 16,500.00	Interval 6m (in case of vertical BHs deviation test is not required)
iii	Land / Crop Compensation (in case the BH falls in agricultural Land)	per borehole	5.6	₹ 30,000.00	5	₹ 1,50,000.00	As per actuals as certified by local authorities subject to a maximum of 2000 per borehole
iv	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	₹ 2,000.00	5	₹ 10,000.00	
v	Miscellaneous charges	Lumpsum	2.2.9	Lumpsum	25% of drilling cost	₹ 7,50,000.00	For drilling cost less than 50 Lakhs, 25% of drilling cost
vi							
vii							
viii							
ix							
x	Drill Core Preservation	per m	5.3	₹ 1,590.00	100	₹ 1,59,000.00	
xi	Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	₹ 7,850.00	45	₹ 3,53,250.00	
xii	Charges for Labour	day	5.8	₹ 541.00	180	₹ 97,380.00	
Sub Total- E						₹ 45,36,130.00	
F	Laboratory Studies						
1	Chemical Analysis						
i)	Geochemical Sampling-Surface samples (Bedrock/Channel /Soil/Stream sediment)						

a	Major oxides (WD XRF)- (oxides+ traces -24 elements)	Nos	4.1.17a	₹ 4,200.00	270	₹ 11,34,000.00	BRS-50, TS -70, PIT-50, CS-100	
b	Check samples (10% External)	Nos	4.1.17a	₹ 4,200.00	27	₹ 1,13,400.00		
b	Analysis of one rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element (U,Ta,Ge,Be,Hf,Sn,As,Rb,Th) by ICP-MS (sequential technique)	Nos	4.1.15	₹ 7,400.00	20	₹ 1,48,000.00	For Rare metal & rare earth elements	
	Check samples (10% External)	Nos	4.1.15	₹ 7,400.00	2	₹ 14,800.00		
c	Analysis of gold & Ag by Fire Assay technique	Nos	4.1.5a	₹ 5,000.00	20	₹ 1,00,000.00		
	Check samples (10% External)	Nos	4.1.5a	₹ 5,000.00	2	₹ 10,000.00		
d	For PGE (ICP-MS Ni-S Fire assay technique)	Nos	4.1.6	₹ 13,600.00	20	₹ 2,72,000.00		
	Check samples (10% External)	Nos	4.1.6	₹ 13,600.00	2	₹ 27,200.00		
2	Physical & Petrological Studies							
i	Preparation of polished thin section of rock	Nos	4.3.2	₹ 800.00	10	₹ 8,000.00		
ii	Complete petrographic/ ore microscopic study/ mineragraphic report of rock sample	Nos	4.3.4	₹ 2,800.00	10	₹ 28,000.00		
iii	Bulk density analysis	Nos	4.8.3	₹ 2,500.00	3	₹ 7,500.00		
iv	EPMA Studies per hour		4.4.1	₹ 10,500.00	15	₹ 1,57,500.00		
	Sub Total- F						₹ 20,20,400.00	
G	Total A to G						₹ 1,12,78,560.00	
H	Geological Report Preparation	5 Hard copies with a soft copy	5.2			₹ 2,50,000.00	Reimbursement will be made after submission of the Final Geological Report in Hard Copies (5 Nos) and the soft copy to NMEDT.	
I	Peer review Charges	As per EC decision		₹ 30,000.00	1	₹ 30,000.00		
J	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 Lakhs whichever is less		₹ 2,25,571.20	EA will be reimbursed after submission of the Hard Copies and the soft copy of the final proposal along with Maps and Plan as suggested by the TCC-	

							NMEDT in its meeting while clearing the proposal.
L	Total Estimated Cost without GST					₹ 1,17,84,131.20	
M	Provision for GST (18% of L)					₹ 21,21,143.62	GST will be reimbursed as per actual and as per notified prescribed rate
N	Total Estimated Cost with GST					₹ 1,39,05,274.82	
	Rs. In Lakhs					₹ 139.05	
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 of the project is outsourced, the amount will be reimbursed as per the paragraph 3 of NMEDT SoC and item no:6 of NMEDT SoC, In case of execution of the project by NEA on its own, a certificate regarding non-outsourcing of any component/project is required						
4	Necessary efforts should be made to minimise 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						

Title: Reconnaissance Survey (G4 Stage) for Ni, Cr, Au, PGE and Ti in Pasubera West, West Singhbhum District, Jharkhand
Area 53.00 sq. km, No. of BH: 5, Total Meterage - 300 m; Schedule timeline- 12 months Review: in 4th month and 8th month

S. No.	Item of work	Months											
		1	2	3	4	5	6	7	8	9	10	11	12
1	Camp Setup												
2	Large Scale Geological Mapping (1:12,500)												
3	Trenching/ Pitting												
4	Sampling and analysis of surface samples, P/T samples												
5	Physical & Petrographic study of surface samples, P/T samples												
6	Geophysical survey												
7	DGPS Survey for BH fixation & RL determination												
8	Scout drilling												
9	Core sampling and its preparation												
10	Chemical analysis of Core Samples												
11	Physical & Petrographic study of drill core samples												
12	Processing of Analytical data												
13	3D ore body modelling												
14	Preparation of Geological Report												

Review

Review

25.2 Review of Ongoing Procurement Projects & Timeline Extension

Agenda 25.2.1 Financial assistance from NMEDT funds to procure machinery/ laboratory equipment/instruments etc. aimed at enhancing the exploration activities.

[Implementing Agency: DMG Rajasthan]

- a) DMG Rajasthan informed that the project was approved during the 27th EC meeting held on 10th January 2023. The sanction order was issued on 24th March 2023 for a scheduled project timeline of 12 months with an approved cost of ₹470.20/- lakh.
- b) DMG Rajasthan further stated that the first instalment of ₹1,88,08,000/- was released by NMEDT on 24th March 2023. Out of which, an amount of ₹1,83,61,200/- has been utilized up to 23rd July 2025. The utilization certificates were submitted to NMEDT on 16th June 2025 and 23rd July 2025 for the listed items as given in the table below.

Sl. No.	Name of item	Number of items	Amount (in ₹)
1	GIS software	2	29,86,580/-
2	Digital Camera	5	2,49,400/-
3	Brunton Compass	20	88,500/-
4	Geological Hammer	20	1,18,000/-
5	Handheld GPS	20	6,99,740/-
6	Handheld XRF	5	1,42,19,000/-
			1,83,61,220/-

- c) Additionally, DMG Rajasthan informed that the second instalment, amounting to 40% of the total cost i.e. ₹1,88,08,500/-, was released by NMEDT on 9th January 2026. It was also informed that a tender has been floated for the procurement of the remaining instruments under this Project as listed in table below.

Sl. No.	Name of item	Number of items	Tentative amount (in ₹)	Remarks
1	Research Polarising Microscope with software attached camera for Transmitted and Reflected Light with accessories & CAMC (Mixing of Two things) 18.57 & 25 Lakhs	Earlier 5, but revised to 1 high-end Microscope	Earlier 5 lac per no. but revised to 25 lakhs for high end	As per NMEDT upper Ceiling price
2	Pulverizer	1	Price revision from 50,000 to 5 lakhs	As per NMEDT upper Ceiling price
3	Ball Mill	1	20,00,000	As approved in EC
4	WD-XRF with accessories & CAMC	1	5 Cr. (2.20 Cr. + 2.80 Cr.)	As per NMEDT upper Ceiling price and

				NMEDT incentive fund scheme
5	Core splitter	6	12,00,000	As per NMEDT upper Ceiling price

- d) DMG Rajasthan informed that a timeline extension up to 31.03.2026 was approved during the 2nd PSC Meeting held on 13.11.2025. The agency has further requested an additional extension of 6 months, i.e., up to 30th September 2026.

Recommendation TCC

The Committee recommended the proposal for approval of PSC for “timeline extension of 6 months up to 30th September 2026 for completion of the procurement”.

Agenda 25.2.2 Financial assistance from NMEDT funds to procure machinery/ laboratory equipment/instruments etc. aimed at enhancing the exploration activities.

[Implementing Agency: DMG Rajasthan]

- a) DMG Rajasthan informed that the project was recommended in 64th TCC meeting held on 25th, 29th & 30th April 2024 and it was approved during the 35th EC meeting held on 29th May 2024 for a project timeline of 12 months with an approved cost of ₹13.85/- Cr. (for 25 items).
- b) Financial approval was given with a clause that the fund will be released once DMG, Rajasthan provides utilization certificate of 80% of the fund issued earlier for procurement of instruments.

S. No.	Software / Hardware /Equipment	Quantity	Estimated Price / Unit (₹ in Lakh)	Total Estimated cost (₹ in Lakh)	Status
1	Brunton Compass	20	0.10	2.00	Financial approval given with a clause that fund will be released once DGM, Rajasthan provides utilization certificate of 80% of the fund issued earlier for procurement of instruments
2	Geologist hammer	20	0.10	2.00	
3	Handheld GPS	20	0.95	19.00	
4	Handheld XRF	1	30	30.00	
5	DGPS	1	16	16.00	
6	Total Station	2	6.96	13.92	
7	Rock cutting, polishing and mounting unit	1	70.00	70.00	
8	Pulverizer	1	40.00	40.00	
9	Stereo Zoom microscope	1	30.00	30.00	
10	Polarizing microscope	1	25.00	25.00	
11	AAS	1	80.00	80.00	
12	Fire Assay	1	13.76	13.76	
13	ICP-MS	1	250.00	250.00	
14	Hot Plates	4	0.15	0.60	
15	Fume Hood	2	0.20	0.40	
16	Air Oven	2	0.55	1.10	
17	Muffle Furnace/ Proximate /Analyzer	2	1.00	2.00	
18	Surfer	2	2.30	4.60	
19	Corel Draw	2	0.75	1.50	
20	Drilling Machine up to 1000m Capacity	2	25.00	50.00	
21	Hydrostaic truck mounted drill machine with 1000m capacity	2	120.00	240.00	
22	Bits, drill rods, casing core barrel (for one year requirement for one time)	3	80.00	240.00	
23	Pumps (pressure /mud)	6	15.00	90.00	
24	Core splitter /core splitter hydrostatic	2	2.00	4.00	
25	Truck Mounted Hydrostatic Rig 600m	2	80.00	160.00	
Total				1,385.88	

- c) DMG Rajasthan informed to the committee that the list of items has been revised after detailed departmental review, retaining only essential field and laboratory equipment required for ongoing exploration work and strengthening in-house analytical facilities. The TCC did not agree for 20 Nos. handheld GPS as 20 Nos. handheld GPS have already been procured by DMG, Rajasthan in the 1st project listed at Agenda 25.2.1.
- d) The revised list of the essential field and laboratory equipment are given below: -

Sl. No.	Name of Item	Qty.	Estimated	Total Estimated cost	Remarks
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			Cost per unit (₹ in Lakh)	(₹ in Lakh)	
1	Brunton Compass	20	0.1	2	
2	Geologist hammer	20	0.1	2	
3	Handheld XRF	1	30	30	
4	DGPS	1	16	16	
5	Rock cutting, polishing and mounting unit	1	70	70	
6	Pulveriser	1	20	20	1. As per discovered prize (₹.10,00,000) by CGM, Gujarat 2. As per discovered prize (₹.20,00,000) by DGM, Assam. 3. As per discovered prize (₹.28,61,500) by CGM, Tamil Nadu. 4. As per discovered prize (₹.17,11,000) by DGM, Mizoram.
7	Stereo Zoom microscope	1	30	30	
8	Polarizing microscope	1	25	25	1. As per discovered prize (₹. 37,00,000) by DMG, Karnataka 2. As per discovered prize (₹.24,00,000) by DMM, West Bengal 3. As per discovered prize (₹.20,01,717) by CGM, Tamil Nadu. 4. As per discovered prize (₹.13,92,400) by DGM Mizoram 5. As per discovered prize (₹.12,00,000) DGM, Nagaland
9	AAS	1	80	80	
10	Fire Assay	1	13.76	13.76	
11	ICP-MS	1	250	250	
12	Hot Plates	4	0.15	0.6	
13	Fume Hood	2	0.2	0.4	
14	Air Oven	2	0.55	1.1	
15	Muffle Furnace/ Proximate /Analyzer	2	1	2	
16	Core splitter /core splitter hydrostatic	2	2	4	
Total				546.86	

e) The Committee has carefully examined the proposal and recommended to PSC for approval of proposal pertains to the procurement of a revised list of sixteen (16) items, with a total estimated cost of ₹546.86 lakhs.

f) Further, the Committee has also recommended to PSC for timeline extension of six (06) months up to 30th September 2026 for the completion of the procurement project

Recommendation TCC

The Committee recommended the proposal for approval of PSC for “procurement of 16 items as per the proposed revised list costing approximately ₹546.86/- Lakhs” and “timeline extension of six (06) months up to 30th September 2026 for the completion of the procurement project”.

25.3 Review of Ongoing Projects/ Completed Projects & Timeline Extension

Agenda 25.3.1 Reconnaissance Survey (G4) Manatu Bauxite and associated Minerals area, Gumla District, Jharkhand.

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

- a) The proposed reconnaissance survey (G4) of 25.25 sq. km area falls in Survey of India Toposheet nos. 73A/8 in parts of Gumla district, Jharkhand.
- b) The project was discussed in 23rd meeting of TCC-II held on 16th & 17th February 2026. During the meeting, DGM, Jharkhand informed that G3 stage exploration has already commenced in the Manatu area, which entirely overlaps with the proposed area. Subsequently, TCC-II requested written information on the project’s initiation and its current status by DGM, Jharkhand.
- c) DGM, Jharkhand, has now submitted written information confirming its earlier remarks from the 23rd TCC-II meeting, stating that G3-stage exploration is already underway in the proposed area by them.
- d) Considering the above, the TCC-II did not agree for recommendation of the proposal.

Recommendation TCC

The Committee did not agree for recommendation of the proposal as a G3-stage exploration is already underway in the proposed area by DGM, Jharkhand.

Agenda 25.3.2 Preliminary Exploration (G3) for Bauxite, Gallium, Vanadium, REE in Sandhan block, Kachchh District, Gujarat.

[Implementing Agency: M/s Geo Marine Solutions Private Limited]

- a) The project was accorded in-principal-approval in the 2nd TCC-II held on 22nd and 23rd October 2024. Further (DPR) was recommended in the 3rd TCC-II held on 5th and 6th December 2024 and approved in the 39th EC Meeting held on 24th January 2025. The sanction order was issued on 10th February 2025 with timeline of 14 months up to 09th April 2026, with an approved cost of ₹203.14 Lakh (including GST).
- b) The project was reviewed in 20th TCC-II meeting held on 2nd and 5th January 2026. During the review it was informed by the agency that analytical results of the first phase of exploration indicated very low CaO and high SiO₂ and Fe₂O₃ contents in Calcareous sediments and very low total REE content in all the clay samples. Based on these results the TCC-II recommended pre closure of the project as the block did not show any potential, either for limestone nor for total REE. Pre-closure of the project with a revised cost of ₹81.06/- Lakhs (including GST) was approved in 4th PSC meeting held on 13th January 2026.
- c) M/s Geo Marine Solutions Private Limited stated that the final Geological Report (GR) has undergone peer review and all comments and suggestions have been duly incorporated.

Recommendation TCC

The Committee agreed for submission of the final geological report.

Agenda 25.3.3 Preliminary Exploration (G3) for Bauxite, Gallium, Vanadium & REE minerals in Naredi Bauxite block, Kachchh District, Gujarat.

[Implementing Agency: M/s Geo Marine Solutions Private Limited]

- a) The project was recommended in 3rd TCC-II meeting held on 5th and 6th December 2024 and approved in 39th EC held on 24th January 2025 with an approved cost of ₹ 233.33/- Lakh (including GST) for scheduled timeline of 14 months up to 24th March 2026.
- b) During the 1st review of the project in 11th TCC-II meeting held on 23rd, 24th, 25th & 30th July 2025, the committee advised the agency to reorient the project towards Sc and Ga and advised modifications in quantum of work. The project was reviewed again in 22nd TCC-II meeting held on 4th & 5th February 2026. Subsequently, the item was recommended to the PSC for approval of the revised cost from ₹233.33/- lakh (including GST) to ₹189.03/- lakh (including GST), in view of the reduced drilling of 567m completed against the approved quantum of 910m. Additional ICP-MS analysis for 42 samples was also recommended, as these samples were generated following the reorientation of the project towards Sc and Ga.
- c) In the 6th Meeting of Project Sanctioning Committee (PSC) held on 2nd March 2026, the recommended reduction of drilling target was approved. However, Additional cost for ICPMS analysis of 42 additional samples has been referred back to TCC-II to examine to whether prior permission was taken by the agency or not.
- d) M/s Geo Marine Solutions Private Limited informed that additional 42 samples for ICP-MS analysis were generated following the reorientation of the project towards Sc and Ga, as per the advice of TCC-II in its 11th TCC-II meeting held on 23rd, 24th, 25th & 30th July 2025. Further, the agency briefed that total resource has been estimation for TREEO + Sc₂O₃ + Y₂O₃ above 350ppm cut-off is 5.072 MMT at a weighted avg. grade of 798.91ppm. Also, the final Geological Report (GR) has undergone peer review and all comments and suggestions have been duly incorporated.
- d) Considering the above, the TCC-II recommended the proposal for ex post facto approval of PSC for additional 42 samples for ICP-MS analysis and for approval of the revised cost from ₹233.33/- lakh (including GST) to ₹189.03/- lakh (including GST), in view of the reduced drilling of 567m completed against the approved quantum of 910m. Further, the committee agreed for submission of Final GR.

Recommendation TCC

The Committee recommended the proposal for

- ***Ex post facto approval of PSC for additional 42 samples for ICP-MS analysis due to reorientation of the project towards Sc and Ga as per the advice of TCC-II in its 11th TCC-II meeting and approval of PSC for the revised cost from ₹233.33/- lakh (including GST) to ₹189.03/- lakh (including GST), in view of the reduced drilling of 567m against the approved quantum of 910m as per Annexures 4***

**Cost Estimates for Preliminary Exploration (G3) for the assessment of Bauxite, Gallium, Vanadium & REE minerals in Naredi Block, Kachchh District, Gujarat.
Total Area - 3.92 Sq. Km; Revised Drilling- 567m, Completion Time - 14 Months**

S. No.	Item of Work	Unit	Rates as per NMEDT SoC 2020-21		Estimated Cost of the Proposal		Revised Cost		Remarks
			SoC-Item -SI No.	Rates as per SoC	Qty.	Total Amount (Rs)	Qty.	Total Amount (Rs)	
A	Geological Mapping Other Geological Work & Surveying								
	Geological mapping, (1:4,000 scale)								
i	a. Charges for Geologist per day (Field) for geological mapping (60 days) & drilling work (100 days)	day	1.3	11,000	160	17,60,000	160	17,60,000	
ii	b. Labours Charges; Base rate	day	5.7	526	320	1,68,320	320	1,68,320	
	c. Charges for Geologist per day (HQ)	day	1.3	9,000	60	5,40,000	60	5,40,000	
	d. Charges for one Sampler per day (1 Party)	one sampler per day	1.5.2	5,100	88	4,48,800	88	4,48,800	
	Labours Charges for survey work (4 labourers)	day	5.7	526	352	1,85,152	352	1,85,152	
	Sub Total- A					31,02,272		31,02,272	
C	Survey work								

a	Surveyor for topographic survey/DGPS Survey and for BH fixation & RL determination (91 BH plus 5 Boundary points)	Per Point of observation	1.6.2	19,200	96	1843200	96	18,43,200	
b	Charges of Surveyor (1 party) for topographic mapping in 1:4000 scale	one surveyor per day	1.6.1a	8,300	45	373500	45	3,73,500	
c	Labours Charges for survey work (4 labourers)	day	5.7	526	180	94680	180	94,680	
	Sub-Total C					23,11,380		23,11,380	
E	DRILLING								
1	Drilling in soft rock 10.0m or up to bedrock whichever is occurring first (91 BH *10)	m	2.2.1.1b	7,168	910	65,22,880	567	40,64,256	As per achievement of 27BH with 567.0m drilling.
2	Land / Crop Compensations (in case the BH falls in agricultural Land)	per BH							
3	Transportation of Drill Rig & Truck associated per drill (1 rigs)	Km	2.2.8	36	3,493	1,25,748	3,493	1,25,748	
4	Monthly Accommodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	4	2,00,000	4	2,00,000	
5	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	1	2,50,000	1	2,50,000	
6	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	1	2,50,000	1	2,50,000	
7	Drill core Preservation	m	5.3	1,590	910	14,46,900	567	9,01,530	
	Sub Total E					87,95,528		57,91,534	

G	LABORATORY STUDIES								
1	Chemical Analysis								
v)	BH Core samples								
	Primary + 10 % Check Sample for major oxides and LOI by XRF technique (one third of total 910 samples)	Nos	4.1.15a	4,200	333	13,98,600	184	7,72,800	168 nos. primary +16 nos. check samples
	b. Primary +check samples For REE ,Ga,V ,Sc,Y,Nb,Ta,Li and other Trace elements : by ICPMS 34 elements : by ICPMS (one third of total 910 samples)	Nos	4.1.14	7,731	333	25,74,423	375	28,99,125	342 nos. primary +33 nos. check samples
	Analysis for Gold by fire assay technique	Nos	4.1.5a	2,380	10	23,800	-	-	
	Combined determination of Trihydrate Alumina (THA-140°C), Monohydrate Alumina (MHA-240°C) & Reactive Silica	Nos	4.1.17a	6,700	5	33,500	-	-	
	Determination of Trihydrate Alumina (THA-140°C)	Nos	4.1.17b	2,000	5	10,000	-	-	
	Determination of Monohydrate Alumina (MHA-240°C)	Nos	4.1.17c	3,500	5	17,500	-	-	
	Determination of Reactive Silica	Nos	4.1.17d	1,500	5	7,500	-	-	
	Determination of Bond Work Index	Nos	4.1.17e	10,000	5	50,000	-	-	
2	Physical & Petrological Studies						-	-	
i	Preparation of thin section	Nos	4.3.1	2,353	10	23,530	-	-	
iii	Preparation of polished section	Nos	4.3.3	1,185	10	11,850	-	-	
ii	petrographic/ore microscopic study	Nos	4.3.4	4,232	10	42,320	-	-	
v	Digital Photographs	Nos	4.3.7	280	10	2,800	-	-	

	XRD	Nos	4.5.1	4,000	10	40,000	6	24,000	
	Determination of in-situ bulk density	Nos	4.1	3,540	10	35,400	12	42,480	
	Sub Total G					42,71,223		37,38,405	
H	Total A to H					1,84,80,403		1,49,43,591	
I	Geological Report Preparation	5 Hard copies with a soft copy	5.2	Exploration cost exceeding 50 lakh but less than 150 lakh: A Minimum of ₹2.5 lakh or 5% of the work whichever is more		9,24,020		7,47,180	Reimbursement will be made after submission of the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMEDT.
J	Peer review Charges		As per EC decision			-		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. 5.0 Lakhs whichever is less		3,69,608		2,98,872	EA will be reimbursed after submission of the Hard Copies and the soft copy of the final proposal along with Maps and Plan as suggested by the TCC-NMEDT in its meeting while clearing the proposal.
L	Total Estimated Cost without GST					1,97,74,031	-	1,60,19,642	

M	Provision for GST (18% of J)				35,59,326	-	28,83,536	GST will be reimbursed as per actual and as per notified prescribed rate
N	Total Estimated Cost with GST				2,33,33,357	-	1,89,03,178	
				or Say Rs. In Lakhs	233.33	-	189.03	
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 of the project is outsourced, the amount will be reimbursed as per the paragraph 3 of NMEDT SoC and item no:6 of NMEDT SoC, In case of execution of the project by NEA on its own, a certificate regarding non-outsourcing of any component/project is required							
4	Necessary efforts should be made to minimise 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							

Agenda 25.3.4 Preliminary Exploration (G3) of Ion-Adsorption and Laterite Hosted Supergene Enriched REE Deposits in Sung Valley block, East Khasi and West Jaintia Hills districts, Meghalaya.

[Implementing Agency: DMR Meghalaya]

- a) DMR Meghalaya informed that the bidding process for outsourced drilling under this project is currently in progress. The process has been delayed, as only a single bidder participated in each of the three previous tendering attempts. The Committee advised the agency to expedite the tendering process and provide a firm timeline for completion of the project work.

Recommendation TCC

The Committee advised the agency to expedite the tendering process and provide a firm timeline for completion of the project work.

Agenda 25.3.5 Reconnaissance survey (G4) for Bauxite, Ga, V, Ti & REE in Reldi area Kachchh District, Gujarat.

[Implementing Agency: M/s Critical Mineral Trackers]

- a) The project was recommended in 4th meeting of TCC-II held on 26th and 27th December 2024 and approved in the 39th EC Meeting held on 24th January 2025. The Sanction Order was issued on 10th February 2025 for scheduled timeline of 10 months up to 09th December 2025 with approved cost of ₹ 54.94/- Lakh (including GST). The project was reviewed in 9th meeting of TCC-II held on 29th & 30th May 2025. In that meeting the committee recommended the revised cost of ₹71.54/- Lakh (including GST) due to the change from outsourced drilling to in-house drilling in the project. The proposed revised cost was approved in 43rd meeting of EC held on 14th August 2025. During the project review in 23rd TCC-II meeting held on 16th and 17th February 2026 the committee recommended timeline extension up to 31st March 2026 for GR submission.
- b) M/s Critical Mineral Trackers informed that the final geological report has been prepared and submitted for Peer Review.
- c) The TCC-II advised that, characterization of TREE and the enrichment/depletion of Sc in relation to Na, K, and Ca in drill core sample chemistry should be undertaken. Thin-section studies of REE mineral phases in enriched zones are also required. The geological report should include a detailed discussion on the variation of TREE and other critical mineral contents, their controlling factors with respect to the chemical environment, and insights into potential new prospective areas.
- d) The revised cost sheet of the project has been evaluated and recommended by the committee for approval of PSC, as there is reduction in quantum of approved work viz. approach road making, drill core preservation, sample analysis etc.

Recommendation TCC

- ***The Committee recommended the proposal for approval of PSC for “revised cost ₹68.82 Lakh (including GST) against the approved cost of ₹71.54 Lakh (Including GST) as per Annexures 5, due to reduction in quantum of approved work viz. approach road making, drill core preservation, sample analysis etc. & timeline extension of 3 months up to 31st March 2026 for GR submission”.***
- ***The Committee advised characterization of TREE and the enrichment/depletion of Sc in relation to Na, K, and Ca in drill core sample chemistry; thin-section studies of REE mineral***

phases in enriched zones and detailed discussion on the variation of TREE and other critical mineral contents, their controlling factors with respect to the chemical environment, and insights into potential new prospective areas in final geological report.



Estimated cost of Reconnaissance Survey (G4) for Bauxite,Ga,V,Ti, & REE in Reldi moti Area, Kachchh District, Gujarat
Total Area -7.95sq.km; No of Boreholes- 4+1=5, 120m Completion Time -10 months, review: 4 months
Exploration Agency – Critical Mineral Trackers, Hyderabad

S.No	Item of Work	Unit	Rates as per NMEDT SoC		Estimated Cost of the Proposal		Revised Cost of the Proposal		Revised cost sheet/ actual expenses			Remarks
			SoC-Item-SI No.	Rates as per SOC	Qt m	Total Amount (Rs)	Qt m	Total Amount (Rs)	Rates as per SOC	Qt m	Total Amount (Rs)	
A	Geological Work											
1	Geological Mapping (1:12,500)& sampling – Geologist field-days	7.95 Sq.km	1.2	11000	170	18,70,000	170	18,70,000	11,000	170	18,70,000	man days
2	Geologists (HQ)days, pre & post field interpretation 15 +20 days	One Geologist Per Day	1.2	9000	35	3,15,000	35	3,15,000	9,000	35	3,15,000	man days (including Remote sensing studies
3	Pitting-20nos each one size 1*1*1m (1 Cu. m each)	Per Cu. m	2.1.2	3800	20	76,000	20	76,000	3,800	20	76,000	20 cu. m
4	Trenching-5 nos., each one size 10*1*1(10 cu. m each)	Per Cu. m	2.1.1	3300	50	1,65,000	50	1,65,000	3,300	50	1,65,000	50 cu. m
5	sampler	45 days	1.5.2	5100	23	1,17,300	23	1,17,300	5,100	23	1,17,300	man days
6	Labour(2 labour) attached to sampler	90 labour days	1.5.2	526	92	48,392	92	48,392	526	92	48,392	labour days
7	Labour (100Field days) per team:2 workers: 100*4 for two geologist teams	Per Team of 2 Geologists (2*2=4) Labour/Field workers	5.7	526	340	1,78,840	340	1,78,840	526	340	1,78,840	labour days
	Sub-Total -A					27,70,532		27,70,532			27,70,532	
B	Survey Work:											
1	Surveyor: Fixation & connection of boundary points (4 nos.), 4 BH by Total station/DGPS	One surveyor	1.6.2	19,200	8	1,53,600	8	1,53,600	19,200	9	1,72,800	4 Boundary Points & 5 Boreholes

	Sub-total-B					1,53,600		1,53,600			1,72,800	
C	Core Drilling - Oral Permission obtained on 13.08.2025 from the NMEDT Official to drill additional 5th BH without exceeding total 120.00 m											
1	Scout drilling(coring) :4 points (each 30m deep) 4*30	Per meter	2.2.1.1b	7,168	120	8,60,160	120	8,60,160	7,168	120	8,60,160	120m soft rock-MoC rate
2	Construction of BH pillar (12"*12"*30")	Per pillar	2.2.7a	2000	0	0	4	8,000	2,000	5	10,000	5 Pillars
3	**Mob & demob drilling machine & iner BH shifting	1500km*2=3000km	2.2.8	3000	0	0	36	1,08,000	3,000	36	1,08,000	3000km
4	Monthly accommodation charges for drilling camp	Rs50,000/month		50,000	0	0	1	50,000	50,000	1	50,000	one month
5	Drilling camp setting cost	lumpsum	2.2.9a	2,50,000	0	0	1	2,50,000	2,50,000	1	2,50,000	Fixed cost
6	Drilling camp winding cost	lumpsum	2.2.9b	2,50,000	0	0	1	2,50,000	2,50,000	1	2,50,000	fixed cost
7	Approach road making		2.2.10a	22020	0	0	1	22,020	2,20,220	0	0	no road making
8	Compensation for 4 Bhs		5.6	20,000	0	0	4	80,000	10,000	1	10,000	RMT-BH-03
9	Drill core preservation in GI boxes	Per meter	5.3	1590	120	1,90,800	120	1,90,800	1,590	115	1,82,850	23 core boxes
	Sub total-C					10,50,960		18,18,980			17,21,010	
D	Laboratory Studies											
1	Trench Samples (5*5=25nos):by AAS method	First five radicals+2	4.1.7a &7b	4181	0	0	0	0				
2	Pitting Sample: (20*1=20nos)-AAS method	First five radicals+2 radicals	4.1.7a &7b	4181	0	0	0	0				
3	Core drilling Samples-4*60=180 Total depth 30m each, samples will be collected at every 0.5m interval. AAS method	First five radicals+2 radicals	4.1.7a &7b	4181	0	0	0	0				

	XRF-Major Oxide		4.1.15 a	4200	14 3	6,00,600	14 3	6,00,600	4,200	13 0	5,46,000	90+40Drill
4	Analysis for REE(14 elements/radicals) by ICP-MS	14 elements/radicals	4.1.13	5380	36	1,93,680	36	1,93,680	5,380	27	1,45,260	15+12 Drill
5	Combined determination of THA, MHA and Reactive silica		4.1.17 a	6700	4	26,800	4	26,800	6,700	2	13,400	2 samples
6	Preparation of polished thin section	Per sample	4.3.2	1549	10	15,490	10	15,490				
7	Complete petrographic/ ore-microscopic /mineragraphic studies		4.3.4	4232	10	42,320	10	42,320	3,080	4	12,320	4 thin sections & complete petrographic studies at GSI, HYD
8	XRD analysis for identification of minerals(random)	Per sample	4.5.1	4000	4	16,000	4	16,000	4,000	3	12,000	4 samples
	Check sample analysis-Shiva lab											
	XRF-Major oxides								1,500	13	19,500	9+4Drilling
	REE by ICPMS								2,500	4	10,000	2+2 drilling
	Sub-total-D					2,51,970		8,94,890			7,58,480	
E	Surface Geophysical Survey		Not recommended									
1	Electrical resistivity	Per Station										
2	gravity surveys	Per station										
3	Geo Physicist Man days (Field Man-days)											
4	Geo Physicist Man days (HQ)											
	Sub-total-E											
	TOTAL (A+B+C+D)					42,27,062		56,38,002			54,22,822	
F	Preparation of Exploration Proposal											
	(5 Hard copies with a soft copy)		5.1	2% of the project cost subject to a	1	84,541	1	1,12,760			1,08,456	2% of the Project cost.

				maximum of 5 lakhs								
G	Geological Report			5% of the Project cost		2,11,353	2,81,900				2,71,141	5% of the Project Cost.
	(5 Hard copies with a soft copy)		5.2									
	operational charges		6.0		86016		0					
	Tender process cost		2.3		17203		0					
	peer review				30,000		30,000				30,000	
	Additional Copy		1000		0	0	0				0	
	Project Cost without GST				46,56,175		60,62,662				58,32,420	
	18% GST				8,38,112		1091279.185				1049836	
	Total Project Cost				54,94,287		71,53,941				68,82,255	
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 of the project is outsourced, the amount will be reimbursed as per the paragraph 3 of NMEDT SoC and item no:6 of NMEDT SoC In case of execution of the project by NEA on its own, a certificate regarding non-outsourcing of any component/project is required											
4	Necessary efforts should be made to minimise 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											

Agenda 25.3.6 Reconnaissance Survey (G4) for Bauxite, Ga, V, Ti & REE in Lakhond area, Kachchh District, Gujarat.

[Implementing Agency: M/s Critical Mineral Trackers]

- a) The project was recommended in 4th meeting of TCC-II held on 26th and 27th December 2024 and approved in the 39th EC Meeting held on 24th January 2025. The Sanction Order was issued on 10th February 2025 for scheduled timeline of 10 months up to 9th December 2025 with approved cost of ₹ 60.01/- Lakh (including GST). The project was reviewed in 9th meeting of TCC-II held on 29th & 30th May 2025. In that meeting the committee recommended the revised cost of ₹68.76 Lakh (including GST) due to the change from outsourced drilling to in-house drilling in the project. The proposed revised cost was approved in 43rd meeting of EC held on 14th August 2025. During the project review in 23rd TCC-II meeting held on 16th and 17th February 2026 the committee recommended timeline extension up to 31st March 2026 for GR submission.
- b) M/s Critical Mineral Trackers informed that the approved drilling target has not been fully achieved as the 4th Borehole was closed at 11m (against approved 30m) due to complete water loss. Attempt for redrilling after lowering the casing was also not successful.
- c) The TCC-II advised that, characterization of TREE and the enrichment/depletion of Sc in relation to Na, K, and Ca in drill core sample chemistry should be undertaken. Thin-section studies of REE mineral phases in enriched zones are also required. The geological report should include a detailed discussion on the variation of TREE and other critical mineral contents, their controlling factors with respect to the chemical environment, and insights into potential new prospective areas.
- d) The revised cost sheet of the project has been evaluated and recommended by the committee for approval of PSC, as the approved drilling target has not been fully achieved.

Recommendation TCC

- ***The Committee recommended the proposal for approval of PSC for “revised cost ₹62.55 Lakh (including GST) against the approved cost of ₹68.76 Lakh (including GST) as per Annexures 6, due to incomplete drilling (11m drilled against approved 30m) in 4th borehole caused by complete water loss & timeline extension of 03 months up to 31st March 2026 for GR submission”.***
- ***The committee advised characterization of TREE and the enrichment/depletion of Sc in relation to Na, K, and Ca in drill core sample chemistry; thin-section studies of REE mineral phases in enriched zones and detailed discussion on the variation of TREE and other critical mineral contents, their controlling factors with respect to the chemical environment, and insights into potential new prospective areas in final geological report.***

Estimated cost of Reconnaissance Survey (G4) for Bauxite, Ga, V, Ti, & REE in Lakhond Block, Kachchh, District, Gujarat
Total Area -6.12sq.km ; No of Boreholes- 4 ; Completion Time -10 months, Review: 4 months
Exploration Agency – Critical Mineral Trackers, Hyderabad

S.No	Item of Work	Unit	Rates as per NMEDT SoC		Estimated Cost of the Proposal		Rates as per NMEDT SoC		Revised Cost of the Proposal		Revised cost sheet/ actual expenses			Remarks
			SoC-Item-SI No.	Rates as per SOC	Qtm	Total Amount (Rs)	SoC-Item-SI No.	Rates as per SOC	Qtm	Total Amount (Rs)	Rate	Qtm	Total Amount (Rs)	
A	Geological Work													
1	Geological Mapping (1:25,000) & sampling – Geologist field-days	6.12	1.2	11000	150	16,50,000	1.2	11000	150	16,50,000	11,000	150	16,50,000	man days
2	Geologists (HQ)days, pre & post field interpretation 15 +20 days	One Geologist Per Day	1.2	9000	35	3,15,000	1.2	9000	35	3,15,000	9,000	35	3,15,000	man days (including Remote sensing studies)
3	Pitting-20nos each one size 1*1*1m (1 Cu. m each)	Per Cu. m	2.1.2	3800	20	76,000	2.1.2	3800	20	76,000	3,800	20	76,000	20 cu. m
4	Trenching-5 nos., each one size 10*1*1(10 cu. m each)	Per Cu. m	2.1.1	3300	50	1,65,000	2.1.1	3300	50	1,66,500	3,300	50	1,65,000	50 cu. m
5	sampler	45 days	1.5.2	5100	23	1,17,300	1.5.2	5100	23	1,17,300	5,100	23	1,17,300	man days

6	Labour (2 labour) attached to sampler	90 labour days	1.5.2	526	92	48,392	1.5.2	526	92	48,392	526	92	48,392	labour days
7	Labour (100 Field days) per team: 2 workers: 100*4 for two geologist team	Per Team of 2 Geologists (2*2=4) Labour/ Field workers	5.7	526	300	1,57,800	5.7	526	300	1,57,800	526	300	1,57,800	labour days
Sub-Total -A						25,29,492				25,30,992			25,29,492	
B	Survey Work:												0	
1	Surveyor: Fixation & connection of boundary points (6 nos.), 4 BH by Total station/DGPS	One surveyor	1.6.2	19,200	8	1,53,600	1.6.2	19,200	10	1,92,000	19,200	10	1,92,000	
Sub-total-B						1,53,600				1,92,000			1,92,000	
C	Core Drilling												0	
1	Scout drilling (coring) : 4 Points (each 30m deep) 4*30	Per meter	2.2.1.1b	7,168	120	8,60,160	2.2.1.1b	7,168	120	8,60,160	7,168	101	7,23,968	3bhs-30m each LKD -BH-1,2,3), 4th BH closed at 11.00m due complete water loss. Redrilled by

														lowering casing but not successful
2	Construction of BH pillar (12"*12"*30")	Per pillar	2.2.7a	2000	0	0	2.2.7a	2000	4	8,000	2,000	4	8,000	4 pillars
3	**Mobilisation & demobilisation of drilling machine & inter BH shifting	12km away from Reldi Moti block	2.2.8	24	0	0	2.2.8	24	36	864	24	36	864	Lakhaod is 12km away from Reldi Moti block
4	Monthly accommodation charges for drilling camp	Rs50,000/month		50,000	0	0		50,000	1	50,000	50,000	1	50,000	one month
5	Drilling camp setting cost	lumpsum	2.2.9a	2,50,000	0	0	2.2.9a	2,50,000	1	2,50,000	2,50,000	1	2,50,000	fixed cost
6	Drilling camp winding cost	lumpsum	2.2.9b	2,50,000	0	0	2.2.9b	2,50,000	1	2,50,000	2,50,000	1	2,50,000	fixed cost
7	Approach road making		2.2.10a	22020	0	0	2.2.10a	22020	5	1,10,100	22,020	0.0	0	no road making
8	Compensation for 4 Bhs		5.6	20,000	0	0	5.6	20,000	4	80,000	20,000	0	0	No compensation paid

9	Drill core preservation in GI boxes	Per meter	5.3	1590	120	1,90,800	5.3	1590	120	1,90,800	1,590	95	1,51,050	19 core boxes
	Subtotal-C					10,50,960				17,99,924			14,33,882	
D	Laboratory Studies													
1	Trench Samples (5*5=25nos):by AAS method	First five radicals +2,Ga, v,Ti,Sc ,REE	4.1.7a &7b	0	90	0	4.1.7a &7b	0	90	0				90 samples
2	Pitting Sample: (20*1=20nos) -AAS method	First five radicals+ 2, Ga, v,Ti,Sc ,REE	4.1.7a &7b		60	0	4.1.7a &7b		60	0				60 samples
3	Core drilling Samples- 4*30=120 Total depth 30m each, samples will be collected at every 5m interval. AAS method	First five Radicals +2,Ga, v,Ti,Sc, REE	4.1.7a &7b		24		4.1.7a &7b		24					24samples
	XRF-Major oxides		4.1.15a	4200	143	6,00,600	4.1.15a	4200	143	6,00,600	4,200	128	5,37,600	Trench:50 horizontal. 20 vertical, pits:20, BHs

															:40(130+13 Check samples)
4	Analysis for REE (14 elements/radicals) by ICP-MS	14 elements/ radicals	4.1.13	5380	36	1,93,680	4.1.13	5380	36	1,93,680	5,380	30	1,61,400	pit-20, Trench- 5, BHs:8 (33+3 check samples)	
5	Combined determination of THA, MHA and Reactive silica		4.1.17a	6700	4	26,800	4.1.17a	6700	4	26,800	6,700	2	13,400	4 samples	
6	Preparation of polished thin section	Per sample	4.3.2	1549	10	15,490	4.3.2	1549	10	15,490	3,080	5	15,400	5 thin section preparation & complete petrographic studies by GSI, Hyderabad	
7	Complete petrographic /ore-microscopic/ mineragraphic studies	per sample	4.3.4	4232	10	42,320	4.3.4	4232	10	42,320					
8	XRD analysis for identification of minerals(random) a t shiva labs	Per sample	4.5.1	4000	4	16,000	4.5.1	4000	4	16,000	4,000	3	12,000	4 samples	
	Check samples by Shiva lab														
	Check samples XRF						4.1.15a	4200			1,500	14	21,000	(10 P&T)+ 4 drill core	

	Check samples-ICPMS					4.1.13	5380			2,500	4	10,000	2 P&T+2-drill core)
	Sub-total-D						8,94,890			8,94,890		7,70,800	
E	Surface Geophysical Survey		Not recommended			Not recommended							
	Sub-total-E						0			0			
	TOTAL (A+B+C+D)						46,28,942			54,17,806		49,26,174	
F	Preparation of Exploration Proposal		5.1	2% of the project cost subject to a maximum of 5 lakhs	1	92,579	5.1	2% of the project cost subject to a maximum of 5 lakhs	1,08,326			98523	2% of the Project cost.
	(5 Hard copies with a soft copy)												
G	Geological Report		5.2	5% of the Project cost		2,31,447	5.2	5% of the Project cost	2,70,815			2,46,309	5% of the Project Cost.
	(5 Hard copies with a soft copy)												
	Tender Process Cost					17203.2				0			
	Operational Charges					86016				0			
	peer review		30,000			30,000	30,000			30,000		30,000	
	Additional Copy			1000	0	0		1000	0	0			
	Project Cost without GST					50,86,187				58,27,052		53,01,006	
	18% GST					9,15,514				1048869		954181	
	Total Project Cost					60,01,701				68,75,922		62,55,187	
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 of the project is outsourced, the amount will be reimbursed as per the paragraph 3 of NMEDT SoC and item no:6 of NMEDT SoC, In case of execution of the project by NEA on its own, a certificate regarding non-outsourcing of any component/project is required
4	Necessary efforts should be made to minimise 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



Agenda 25.3.7 Reconnaissance survey (G4) for Nickel, Cobalt and PGE in Botad area, Botad District, Gujarat.

[Implementing Agency: M/s Critical Mineral Trackers]

- a) The project was recommended in 6th TCC-II meeting held on 27th and 28th February, 2025 and 6th March 2025 and approved in the 41st EC Meeting held on 11th March 2025. The sanction order was issued on 23rd March 2025 with timeline of 10 months up to 22nd January 2026 with an approved cost of ₹128.25/- Lakh (including GST).
- b) The project work was reviewed in 13th meeting of TCC-II held on 22nd, 23rd, 24th September 2025, and the committee recommended the project for approval of PSC for pre closure of the project as the analytical results were not so encouraging for Ni, Co & PFE. In 2nd meeting of PSC held on 4th November 2025, PSC referred the proposal back to TCC-II with instruction to inform PSC at its next meeting about the detailed values of Ni, Co and PGE as well as the expenditure incurred by the agency.
- c) The project was again reviewed in 19th TCC-II meeting held on 16th & 17th December 2025. In the meeting CMT informed that in pit samples, Ni values range from 425.2ppm to 1116.3 ppm, Nb value ranges from 251ppm to 39850ppm (a nugget value), Cr value ranges from 515ppm to 1218ppm, Co value ranges from 12ppm to 95ppm. Also, in Bed Rock Samples values of Co ranges from 2.9ppm to 80.3ppm, Cr value ranges from 12.4ppm to 1411.6ppm, Ni value ranges from 23.6ppm to 1105.1ppm and Nb value ranges from 4.4ppm to 1214.6ppm. As suggested by the TCC, the samples analysed for Ni with more than 2000ppm had to send for PGE analysis. However, no sample with Ni values greater than 0.2% observed therefore PGE analysis was not done.
- d) Further, in 20th meeting of TCC-II held on 2nd & 5th January 2026 after detailed technical deliberations, the Committee recommended for pre-closure of the project as the results were not encouraging for further exploration and one (01) month timeline extension up to 22nd February 2026, for final GR submission. The project was also recommended to PSC for approval of revised cost from ₹128.25/- lakh (including GST) to ₹ 46.44/- lakh (including GST). The proposed revised cost & timeline extension was approved in 4th PSC meeting held on 13th January 2026.
- e) Further, in 23rd meeting of TCC-II the committee recommended timeline extension up to 31st March 2026, for final GR submission and the Proposal was approved by 6th PSC held on 2nd March 2026.
- f) Further, it was informed by the agency that there is a delay in Peer Review of the Final Geological Report and so requested a timeline extension again for 1 month up to 30th April 2026.
- g) The TCC-II recommended the proposal for timeline extension of 1 month up to 30th April 2026 for Peer Review of the GR. Justification to be submitted by the agency to NMEDT for timeline extension.

Recommendation TCC

The Committee recommended the proposal for approval of PSC for "timeline extension of 1 month up to 30th April 2026 for Peer Review of the GR".

Agenda 25.3.8 Preliminary exploration (G3) for Magnetite and associated minerals in Pipradih area, District, Giridih, Jharkhand.

[Implementing Agency: Central Mine Planning & Design Institute Limited (CMPDI)]

- a) The project was recommended in 52nd TCC meeting held on 27th and 28th April

2023 and approved in the 38th EC Meeting held on 29th November 2024. The sanction order was issued on 13th December 2024 with timeline of 8 months up to 12th August 2025 with an approved cost of ₹147.25/- Lakh (including GST).

- b) The project work was reviewed in 12th meeting of TCC-II held on 22nd, 25th, 26th & 27th August 2025, and on request of the agency the committee recommended the proposal for approval of EC for timeline extension of 4.5 months up to 31st December 2025. The recommended timeline extension was approved in 1st meeting of Project Sanctioning Committee (PSC) held on 9th October 2025. The project was reviewed again in 19th TCC-II meeting held on 16th & 17th December 2025. In the meeting the committee recommended the proposal for approval of the PSC for a timeline extension of 3 months up to 31st March 2026. along with recommendation of an additional one labourer per party day and five number of samples for complete mineragraphic studies, amounting to ₹80,440/- with revised cost of ₹ 148.27/-Lakhs (including GST). The recommendations were approved in 4th PSC held on 13th January 2026.
- c) Now, the agency has again requested for a timeline extension of 4 months up to 31st July 2026 citing various reasons for delay including law & order issues in the area.
- d) The TCC-II recommended the proposal of timeline extension for approval of PSC and asked the agency to submit a detailed justification to NMEDT for timeline extension.

Recommendation TCC

The Committee recommended the proposal for approval of PSC for “timeline extension of 4 month up to 31st July 2026 for submission of the GR”.

Agenda 25.3.9 Reconnaissance survey (G4) for Copper Bearing Minerals around Musabani, Dumriya, Maheshpur areas in East Singhbhum District, Jharkhand.

[Implementing Agency: M/s Natural Resources Division - Tata Steel Limited]

- a) The project was recommended in 67th TCC held on 24th, 25th and 26th July, 2024 and approved in 37th EC held on 23rd September 2024 with an approved cost of ₹ 288.14/- Lakh (including GST) for 10 months up to 29th August 2025. The project was reviewed in 11th TCC-II meeting held on 23rd, 24th 25th and 30th July 2025. In the meeting the committee recommended extension of timeline up to 28th February 2026 which was approved in 1st meeting of Project Sanctioning Committee (PSC) held on 9th October 2025.
- b) NRD – Tata informed that drilling in PBH1 (216m), PBH3 (270m) and PBH5 (183m) has been completed and 2 boreholes are yet to be drilled.
- c) The TCC-II suggested revision in the locations of the remaining boreholes. The committee also advised maintaining a uniform core sampling length of 0.5m interval. The gap areas within the mineralised zones which have not been sampled are to be sampled inevitably. Further, sampling to be done in both foot wall and hanging wall side of the mineralised zone. Also, the Mo analysis results under close monitoring.

Recommendation TCC

The Committee suggested revision in the locations of the remaining boreholes and maintenance of a uniform core sampling length.

Agenda 25.3.10 Reconnaissance survey (G4) for copper and associated mineralization in Salwari Narsinghpuri-Pachlagi area, District, Sikar, 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) The TCC-II opined that the work may be commenced in the project including drilling in one borehole, except in the parts which are overlapping with FSI polygons of Aravali area.

Recommendation TCC

The Committee recommended commencement of project including drilling in one borehole, except in the parts which are overlapping with FSI polygons of Aravali area.

Agenda 25.3.11 Reconnaissance survey (G4) for Graphite in Nawadih area District, Balrampur, Chhattisgarh.

[Implementing Agency: M/s United Exploration India Private Limited (UEIPL)]

- a) UEIPL informed that the project was recommended in 52nd meeting of TCC held on 27th & 28th April 2023 and approved in 30th EC meeting held on 6th June 2023. Sanction order was issued on 26/06/2023 for a scheduled timeline of 6 months up to 25/12/2023 with an approved cost of ₹ 27.72/- lakhs (including GST). The progress of the work was reviewed in 58th TCC meeting held on 30th & 31st October and 1st November, 2023. UEIPL submitted draft GR for Peer Review on 2nd February 2024. Subsequently, GR submission was recommended in 65th TCC held on 28th, 30th and 31st May 2024.
- b) Additional Secretary (Mines) reviewed the project and recommended to complete pending balance work (Pitting/Trenching) of Nawadih Graphite project which was pending due to non-availability of Forest Clearance on 5th July 2024. Further, on 25th July 2024, 67th TCC apprised that the GR has already been submitted to NMEDT Secretariat after incorporation of peer review comments. However, AS, Mines instructed UEIPL to resubmit the GR after incorporation of trenching details. Timeline extension up to 30th November 2024 was approved in 37th EC held on 23rd September 2024. DFO, Balrampur has given the permission for pitting/Trenching on 10th March 2025. Subsequently, timeline extension up to 30th June 2025 was approved on 42nd EC meeting held on 2nd June 2025. Again, the 79th TCC-I held on 28th & 29th July 2025, recommended timeline extension up to 15th September 2025 for approval of EC for submission of GR. The proposed timeline extension was approved in 1st PSC meeting held on 9th October 2025. On 1st January 2026 the GR was submitted for Peer Review. GR submission got late due to non-appointment of PR. Finally, the agency received comment from PR on 6th February 2026 and submitted final GR for TCC approval.
- c) M/s United Exploration India Private Limited also informed that geological mapping of 32.04 sq. km area on 1:12,500 scale has been completed along with trenching, sampling and chemical analysis. The Agency informed that 85,961.12 tonnes of Graphite has been estimated with average FC content of 5.23%. Also, the maximum value 616 ppm of V has been reported.

- d) The agency requested the TCC Committee to note that, in order to establish geological correlation, additional work has been undertaken, including four (04) trace element analyses for vanadium, five (05) additional samples for specific gravity, and one (01) line km of Self-Potential survey (within the 8–20 line km range). Consequently, the approved cost of the project has increased.
- e) The TCC-II evaluated the revised project cost and recommended the same for approval of PSC. Timeline extension up to 31st March 2026 was also recommended for this project for GR submission.

Recommendation TCC

- ***The Committee recommended the proposal for approval by the PSC for a revised cost of ₹28.82 lakh (including GST) against the originally approved cost of ₹27.72 lakh (including GST), as per Annexures 7, on account of additional work undertaken to establish geological correlation. The additional work includes four (04) trace element analyses for vanadium, five (05) additional samples for specific gravity, and one (01) line km of Self-Potential survey.***
- ***Further, the Committee also recommended the proposal for approval by the PSC for extension of the timeline up to 31st March 2026 for submission of the Geological Report (GR).***



Reconnaissance survey (G4 stage) for Graphite in Nawadih block (32.04 sq.km) Balrampur District, Chhattisgarh

Sl. No.	Item of Work	Rate as per NMEDT			Estimated cost		Modified cost		Remarks
		SoC Sr. No	Unit	Rate as per old SoC (2020)	Approved Qty.	Approved Total Amount (In Rs.)	Qty.	Total Amount (In Rs.)	
1	Geological Mapping (Scale 1:12,500)								
a	Charges of Geologist in field	1.2b	Man days	11000.00	80	880000.00	80	880000.00	
b	Labour Charges (2 Helper)		Man days	494.00	160	79040.00	160	79040.00	
c	Geologist at HQ	1.2a	Man days	9000.00	40	360000.00	40	360000.00	
2	Trenching								
a	Trenching	2.1.3	cu.m	3330.00	75	249750.00	75	249750.00	
3	Sample Preparation								
a	sampler charges for Sample processing work	1.5.2	Man days	5100.00	13	63750.00	13	66300.00	There was mistake in calculation
b	Labour Charges		Man days	494.00	52	25688.00	52	25688.00	
4	Chemical Analysis								
a	Bed Rock samples-Proximate analysis	4.1.16	Nos	3000.00	100	300000.00	100	300000.00	
b	Check samples	4.1.1	Nos	3000.00	15	45000.00	15	45000.00	
c	ICPMS	4.1.14	Nos	7731.00	10	77310.00	10	77310.00	
d	Analysis for associated one trace element (Vanadium)	4.1.15b	Nos	421.00			4	1684.00	Analysis conducted by Agency
5	Physical Analysis								
a	Petrographic Studies								
	i) Preparation & Study of thin section	4.3.1	Nos	2,353.00	10	23530.00	10	23530.00	

	ii) Study of thin section for petrography	4.3.4	Nos	4,232.00	10	42320.00	10	42320.00	
b	Specific gravity	4.8.1	Nos	1,605.00			5	8025.00	Test was carried out for resource estimation
	Geophysical survey								
	Self-Potential (8-20 line km)	Line Km	3.3a	29,600.00			1	29600.00	SP was carried out to established geological co-relation
6	Total Exploration Cost					₹ 21,46,388.00		₹ 21,88,247.00	
7	Preparation of Exploration Proposal	5.1		2% or maximum 5 Lakhs		₹ 42,928.00		₹ 43,765	
8	Peer Review					₹ 10,000.00		₹ 60,000.00	GR was reviewed twice and the cost of review modified after sanction of the project.
9	Geological Report Preparation	5.2				₹ 1,50,000.00		₹ 1,50,000.00	
	TOTAL					₹ 23,49,316.00		₹ 24,42,011.94	
	Add GST @ 18%			18%		₹ 4,22,876.88		₹ 4,39,562.15	
	Grand Total Including GST					₹ 27,72,192.88		₹ 28,81,574.09	
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 of the project is outsourced, the amount will be reimbursed as per the paragraph 3 of NMEDT SoC and item no:6 of NMEDT SoC, In case of execution of the project by NEA on its own, a certificate regarding non-outsourcing of any component/project is required								
4	Necessary efforts should be made to minimise 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								

Agenda 25.3.12 Reconnaissance Survey (G4) for Limestone in Bhatiya area in the Village Bhatiya-Gokalpur, District- Devbhumi Dwarka, Gujarat.

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

- a) The project was recommended in 5th TCC-II meeting held on 27th, 28th & 29th January 2025 and approved in 40th EC meeting held on 21st February 2025. The sanction order was issued on 3rd March 2025 for a scheduled time of 8 months up to 2nd November 2025 with an approved cost of ₹ 69.61/- Lakhs (including GST).
- b) The project was reviewed in 13th meeting of TCC-II held on 22nd, 23rd, 24th September 2025. In the meeting, the committee recommended timeline extension of 2 months up to 2nd January 2026. The recommended timeline extension was approved in 2nd PSC meeting held on 4th November 2025.
- c) M/s PRB Infraprojects Private Limited informed that all approved quantum of work has been completed. Further, the final Geological Report (GR) has undergone peer review and all comments and suggestions have been duly incorporated.
- d) The TCC-II agreed for submission of the final Geological report.

Recommendation TCC

The Committee agreed for submission of the final Geological report.

Agenda 25.3.13 Preliminary exploration (G3 stage) for limestone in Pedaveedu East block, District, Suryapet Telangana.

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

- a) MECL informed that the project was recommended in supplementary meeting of the 77th TCC-I held on 20th June 2025 and approved in the 43rd EC Meeting held on 14th August, 2025. The Sanction Order was issued on 2nd July, 2025 with timeline of 7 months up to 1st February 2026 with an approved cost of ₹ 86,46,360/- (including GST).
- b) The project was reviewed in 80th meeting of TCC-I held on 28th, 29th August 2025 and 1st September 2025. In the meeting, the committee reviewed the progress of work and drilling plan of the project.
- c) MECL informed that all approved quantum of work has been completed. Further, the final Geological Report (GR) has undergone peer review and all comments and suggestions have been duly incorporated. The agency also requested for additional sample analysis of 24 samples.
- d) The TCC-II agreed for submission of the final Geological report. The thickness of the limestone band was more than initially expected. Therefore, 24 additional samples were analysed. The committee agreed for analysis of additional 24 samples and recommended the same for approval of PSC. Revised cost sheet was evaluated by the committee.

Recommendation TCC

The Committee recommended the proposal for approval of PSC for “revised cost ₹ 87.74 Lakh (including GST) against the approved cost of ₹86.46 Lakh (including GST) due to analysis of additional 24 samples”. The committee also agreed for submission of the final Geological report.

**Cost sheet Preliminary Exploration for (G-3) Limestone in Proposed Pedaveedu East Block, District- Suryapet, Telangana.
Total Area - 4.17 Sq. Km; Nos. of Borehole -7; Drilling:350m Borehole depth range-50m; Completion Time-07 Months ,**

S.N	Item of Work	Unit	Rates as per NMEDT SoC 2020-21		Estimated Cost of the Proposal			Revised cost (Rs)	Remarks
			SoC-Item -SI No.	Rates as per SoC	Qty.	Revised Qty.	Total Amount (Rs)		
A	GEOLOGICAL WORK								
1	Mapping at 1:4000 Scale, Borehole logging, Sampling & Report writing								
a	Charges for one Geologist per day at HQ	day	1.3	9,000	30	30	2,70,000	2,70,000	
b	Charges for one Geologist per day at field	day	1.3	11,000	70	70	7,70,000	7,70,000	
c	Labour for Geologist (2 Nos)	day	5.7	541	140	140	75,740	75,740	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
d	Charges for one Sampler per day (1 Party)	one sampler per day	1.5.2	5,100	39	39	1,98,900	1,98,900	
e	Labours for sampling work (4 Nos)	day	5.7	541	156	156	84,396	84,396	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
2	Survey Work								

a	Bore Hole Fixation and determination of co-ordinates & Reduced Level of the boreholes and block cardinal points by DGPS	Per Point of observation	1.6.2	19,200	28	28	5,37,600	5,37,600	Block cardinal point- 21 Borehole- 7
b	Charges of one qualified surveyor with Total Station for carrying out topographical survey in different RF and surface contouring at different interval	days	1.6.1a	8,300	30	30	2,49,000	2,49,000	Survey at 1:4000 Scale
c	4 labours/ party (As per rates of Central Labour Commissioner)	days	5.7	541	120	120	64,920	64,920	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
	Sub-Total A						22,50,556	22,50,556	
B	DRILLING								
1	Drilling -Soft rock (Outsourcing)	m	2.2.1.1b	7,168	350	350	25,08,800	25,08,800	MoC Rate
2	Tendering process cost	One time	2.3	2% of the approved project cost or 5 lakh whichever is lower will be paid one time to Exploration Agency			50,176	50,176	
3	Operational Charges	One time	6.i	In case of total outsourced cost up to ₹50 lakh: In addition, 10 percent of the total outsourced cost will be paid to			2,50,880	2,50,880	

				Exploration Agency towards operational charges.					
4	Drill Core Preservation	Per m	5.3	1,590	280	280	4,45,200	4,45,200	
	Sub Total B						32,55,056	32,55,056	
C	LABORATORY STUDIES								
1	<u>Chemical Analysis</u>								
i)	Primary samples								
	a. For 10 radicals i.e. CaO, MgO, Al ₂ O ₃ , SiO ₂ , Fe ₂ O ₃ , Na ₂ O, SO ₃ , P ₂ O ₅ , K ₂ O by XRF and LOI	Nos	4.1.15a	4,200	280	304	11,76,000	12,76,800	Intercepted Limestone thickness is more than planned thickness and soil cover is less. Hence 24 additional samples were generated (1m interval)
ii)	Check samples External (10%)								
	a. For 10 radicals i.e. CaO, MgO, Al ₂ O ₃ , SiO ₂ , Fe ₂ O ₃ , Na ₂ O, SO ₃ , P ₂ O ₅ , K ₂ O by XRF and LOI	Nos	4.1.15a	4,200	28	28	1,17,600	1,17,600	
iii)	Bulk Density	No.	4.1	3,540	2	2	7,080	7,080	
iv)	Preparation of thin section	per sample	4.3.1	2,353	2	2	4,706	4,706	

v)	Study of thin section for petrography	per sample	4.3.4	4,232	2	2	8,464	8,464
vi)	Digital photomicrograph of thin polished section	per sample	4.3.7	280	2	2	560	560
	Total - C						13,14,410	14,15,210
D	Sub Total (A to C)						68,20,022	69,20,822
E	Geological Report Preparation		5.2	For the projects up to ₹50 lakh: Minimum ₹1.50 lakh or 5% of the total value of work whichever is more and ₹1000/ each additional copy.			3,41,001	3,46,041
F	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. 3.8 Lakhs whichever is lower			1,36,400	1,38,416

G	Peer review Charges		As per EC decision				30,000	30,000	
H	Total Estimated Cost without GST						73,27,424	74,35,280	
I	Provision for GST (18% of H)						13,18,936	13,38,350	GST will be reimbursed as per actual and as per notified prescribed rate
J	Total Estimated Cost with GST						86,46,360	87,73,630	
	<i>or Say Rs. In Lakhs</i>						86.46	87.74	
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 of the project is outsourced, the amount will be reimbursed as per the paragraph 3 of NMEDT SoC and item no:6 of NMEDT SoC In case of execution of the project by NEA on its own ,a certificate regarding non-outsourcing of any component/project is required								
4	Necessary efforts should be made to minimise 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								

Agenda 25.3.14 Preliminary exploration (G3) for Graphite in Patimal block, District Balangir, Odisha.

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

- a) The project was recommended in 67th TCC meeting held on 24th, 25th & 26th July 2024 and approved in the 37th EC Meeting held on 23rd September 2024. The sanction order was issued on 22nd October 2024 with scheduled timeline of 12 months up to 21st October 2025 with an approved cost of ₹207.65Lakh (including GST). The project was reviewed in 80th meeting of TCC-I held on 28th, 29th August 2025 and 1st September 2025. In the 19th TCC-II meeting, the agency requested for timeline extension of 8 months up to 20th June 2026. The committee recommended for timeline extension of 8 months up to 20th June 2026 and it was approved in 4th PSC.
- b) MECL informed that all approved quantum of work has been completed. Further, the final Geological Report (GR) has undergone peer review, and all comments and suggestions have been duly incorporated.
- c) The TCC-II agreed for submission of the final Geological report.

Recommendation TCC

The Committee agreed for submission of the final Geological report.

Agenda 25.3.15 Preliminary exploration (G3) for Bauxite and associated minerals in Dhrang block, District, Kachchh, Gujarat.

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

- a) MECL informed that the project was recommended in 5th meeting of TCC-II held on 27th, 28th and 29th January 2025 and approved in 40th EC meeting held on 21st February 2025, with an estimated cost of ₹150.99 Lakh (including GST) for the time schedule of 14 months. The Sanction Order was issued on 5th March 2025. The project was reviewed in 22nd TCC-II meeting held on 4th & 5th February 2026. In the meeting, the TCC-II advised the agency to estimate the resources for the mineralized zones. It was also recommended that drilling operations in this area to be closed. The project was further reviewed in 24th TCC-II meeting held on 2nd & 3rd March 2026 where the committee recommended for revised cost of ₹ 57.96/- Lakh (including GST) against approved cost of ₹ 150.99/- Lakh (including GST), due to closure of further drilling activities.
- b) MECL informed that all approved quantum of work has been completed. Further, the final Geological Report (GR) has undergone peer review. Comments and suggestions of peer reviewer are being incorporated in GR.
- c) The TCC-II agreed for submission of the final Geological report.

Recommendation TCC

The Committee agreed for submission of the final Geological report.

Agenda 25.3.16 Reconnaissance survey (G4) for Glauconite in Ambara West area, Kachchh District, Gujarat.

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

- a) The project was recommended in 1st TCC-II meeting held on 26th & 27th September 2024 and approved in the 38th EC Meeting held on 29th November 2024. The sanction order was issued

on 13th December 2024 with timeline of 12 months up to 12th December 2025 with an approved cost of ₹107.78/- Lakh (Including GST). The project was reviewed in 12th TCC-II meeting held on 22nd, 25th, 26th & 27th August 2025 and in 13th TCC-II meeting held on 22nd, 23rd & 24th September 2025. In 13th TCC-II meeting the committee reviewed the outputs and opined that value of K₂O (average 3% for 74 BRS) was not encouraging and suggested for the complete analysis of BRS and Pit samples. The project was reviewed in 24th TCC-II meeting held on 2nd & 3rd March 2026; where the committee recommended the proposal for approval of PSC for revised cost ₹ 117.69/- Lakh (Including GST) against the approved cost of ₹ 107.78/- Lakh (Including GST) due to additional analysis of 114 nos. of BH samples & inclusion of modal analysis for 10 samples.

- b) MECL informed that all approved quantum of work has been completed. Further, the final Geological Report (GR) has undergone peer review. At present, comments and suggestions of peer reviewer are being incorporated in GR.
- c) The TCC-II opined that the GR will be evaluated after incorporation of Peer Review comments.

Recommendation TCC

The GR will be evaluated after incorporation of Peer Review comments.

Agenda 25.3.17 Reconnaissance Survey (G-4) for Glauconite, Phosphorite & REE in Ambara-Marua area, District, Kachchh, Gujarat.

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

- a) The project was recommended in 3rd TCC-II meeting held on 5th & 6th December 2024 and approved in the 39th EC Meeting held on 24th January 2025. The sanction order was issued on 24th February 2025 with scheduled timeline of 10 months up to 23rd December 2025 with an approved cost of ₹229.81/- Lakh (Including GST). The project was reviewed in 12th TCC-II meeting held on 22nd, 25th, 26th & 27th August 2025 and in 13th TCC-II meeting held on 22nd, 23rd & 24th September 2025. The project was reviewed in 24th TCC-II meeting held on 2nd & 3rd March 2026; where the committee recommended the proposal for approval of PSC for revised cost ₹ 83.43/- Lakh (Including GST) against the approved cost of ₹ 229.81/- Lakh (Including GST) due to closure of further work as the values of K₂O and REE in the area were not significant.
- b) The agency informed to the Committee that the peer reviewer has been assigned, and the report has been submitted for peer review.
- c) The TCC-II opined that the GR will be evaluated after incorporation of Peer Review comments.

Recommendation TCC

The GR will be evaluated after incorporation of Peer Review comments.

Agenda 25.3.18 Reconnaissance survey (G4) for Glauconite in Mudhan-Khatiya area, District, Kachchh Gujarat.

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

- a) MECL informed that Mudhan Khatiya Block was recommended in 68th Meeting of TCC of NMEDT on 28th August 2024 and was approved by 37th EC meeting of NMEDT on 23rd September 2024, The Sanction Order was issued on 22nd October 2024 with timeline of 10 months up to 21st August 2025 with approved cost of ₹161.65/- Lakh (including GST). In the 11th TCC-II meeting the agency requested for timeline extension of 6 months up to 28th February 2026. The 11th TCC-II committee recommended the proposal and it was approved by

1st PSC held on 9th October 2025. The committee recommended timeline extension for 2 months up to 17th April 2026 for submission of final geological report. The recommended timeline extension was approved in 6th PSC meeting held on 2nd March 2026.

- b) The project was reviewed in 24th TCC-II meeting held on 2nd & 3rd March 2026; where the agency informed that the final geological report (GR) of the project has been submitted for Peer Review and the comments of reviewer are awaited. So, the project will be presented after incorporation of comments of Peer Reviewer in the final GR.
- c) The Peer Review comments are still awaited during the meeting.
- d) The TCC-II opined that the GR will be evaluated after incorporation of Peer Review comments.

Recommendation TCC

The GR will be evaluated after incorporation of Peer Review comments.

Agenda 25.3.19 Preliminary exploration (G3) for Limestone in Revuru block, District, Suryapet, Telangana.

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

- a) The proposed block falls in Survey of India TS No. 56P/13 and forms a part of the Palnad Sub-Basin, situated in the northeastern portion of the Cuddapah Basin, which is largely occupied by the Kurnool Group of rocks of Neoproterozoic age.
- b) MECL informed that Revuru block was recommended in 80th TCC-I Meeting held on 28th-29th August, 2025 and 1st September, 2025 was approved in 1st PSC meeting of NMEDT on held on 9th October 2025, The Sanction Order was issued on 10th November 2025 with timeline of 08 months up to 09st June 2026 with approved cost of ₹71.84/- Lakh (including GST). Five (5) boreholes of 50 m depth each were approved, with a total drilling length of 250 m.
- c) The agency informed about the presence of high-grade limestone with CaO of 52%.
- d) The TCC-II Committee advised the agency to submit the final Geological Report (GR) to NMEDT after completion of the peer review process.

Recommendation TCC

The Committee advised the agency to submit the final Geological Report (GR) to NMEDT after completion of the peer review process.

Agenda 25.3.20 Preliminary Exploration (G3) for REE and Associated Minerals in Umprikhola block, District, Kamrup, Assam.

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

- a) The project was recommended in 3rd TCC-II held on 5th & 6th December 2024 and approved in 39th EC meeting held on 24th January 2025. The sanction order was issued on 24th February 2025 for a scheduled timeline of 15 months up to 23rd May 2026 with an approved cost of ₹ 882.01/- Lakhs (Including GST). Review was scheduled after 8 months.
- b) The TCC-II opined that no further work is required in this block as the values of REE are not significant and the committee advised not to take up further exploration including drilling activities in this block.
- c) In view of the above revised cost sheet was evaluated by the committee for pre-closure of the project.

Recommendation TCC



The Committee recommended the proposal for approval of PSC for “revised cost ₹89.15 Lakh (including GST) against the approved cost of ₹882.01 Lakh (including GST) due to pre-closure of the project” and “timeline extension of 2 months up to 23 July 2026 for GR submission”.



**Cost Estimate of Preliminary Exploration (G3 stage) of REE and associated minerals in Umprikhola block, Kamrup-District, State-Assam.
Total Area - 4.80 sq. km; Boreholes: 30 Nos, Average Depth: 30 m Completion Time -15 Months, Review after 8th Month**

S.N	Item of Work	Unit	Rates as per NMEDT SoC 2020-21			Estimated Cost of the Proposal		Revised Cost		Remarks
			SoC-Item -SI No.	Rates as per SoC	SoC Rates for Hilly Terrain of Himalaya (3.35 Time)	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 detail mapping at 1:4000 scale, Surface sampling, Pitting and Scout Drilling	day	1.2	11,000	36,850	180	66,33,000	100	36,85,000	Hilly Terrain with Forest area
c	Labour Charges for Geologist at Field	day	5.7	526	1,762	360	6,34,356	200	3,52,420	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 BRS and BH Core Samples	one sampler per day	1.5.2	5,100	17,085	124	21,18,540	8	1,36,680	
e	Labour Charges for Sampling Work; Base rate - Rs. 526/ per day	day	5.7	526	1,762	496	8,74,002	32	56,387	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
	Sub-Total A						1,07,99,898		46,35,487	

B	Topographical Surveying									
a	Charges for Surveyor for Topographical Survey by total Station	Day	1.6.1a	8,300	27,805	60	16,68,300	30	8,34,150	
b	Labour Charges (4 labour for one Surveyor)	Day	5.7	526	1,762	240	4,22,904	120	2,11,452	
c	Demarcation of Lease boundary and BH Fixation by DGPS	Per point of observation	1.6.2	19,200	64,320	36	23,15,520	6	3,85,920	6 Corner Points and 30 Nos of Boreholes
	Sub-Total B						44,06,724		14,31,522	
C	DRILLING									
1	Core Drilling up to depth of 300m - Hard Rock	m	2.2.1.4a	11,500	38,525	1,080	4,16,07,000	-	-	
2	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	20,000	67,000	30	20,10,000	-	-	
3	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	6,700	30	2,01,000	-	-	
4	Transportation of Drill Rig & Truck associated per drill	Km	2.2.8	36	NA	3,800	1,36,800	-	-	Approx 3800 km to & fro from Nagpur/ Rig
5	Monthly Accomodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	1,67,500	5	8,37,500	-	-	
6	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	8,37,500	1	8,37,500	-	-	
7	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	8,37,500	1	8,37,500	-	-	
8	Road Making (Hilly Terrain)	Km	2.2.10b	32,200	1,07,870	5	5,39,350	-	-	
9	Drill Core Preservation	Per m	5.3	1,590	5,327	375	19,97,438	-	-	
	Sub-Total C						4,90,04,088		-	

D	Sub Total A to C						6,42,10,709		60,67,009	
E	LABORATORY STUDIES									
1	Chemical Analysis									
	Primary Samples Surface + BH Core Samples)									
i)	Primary samples									
	REE associated Trace Elements (34 Element) by ICPMS	Nos	4.1.14	7,731		880	68,03,280	50	3,86,550	Surface samples-50 BRS BH Core Samples : 830 nos.
ii)	External check samples (10%)									
	REE associated Trace Elements (34 Element) by ICPMS	Nos	4.1.14	7,731		88	6,80,328	5	38,655	
iii)	Ni and Cr by AAS method	Nos	4.1.7a	2,506		10	25,060	5	12,530	
iv)	PGE by ICP-MS Ni-S fire assay technique	Nos	4.1.5d	11,800		10	1,18,000	5	59,000	
2	Physical & Petrological Studies									
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	10	15,490	
iv)	Complete mineragraphic study report	Nos	4.3.4	4,232		15	63,480	10	42,320	
v)	Digital Photographs	Nos	4.3.7	280		20	5,600	10	2,800	
vi)	EPMA Study	Hour	4.4.1	8,540		15	1,28,100	-	-	
vii)	XRD Study	Nos	4.5.1	4,000		15	60,000	-	-	

	Sub-Total -E						80,05,858		6,23,195	
F	Total D+E						7,22,16,567		66,90,204	
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 subjected to maximum amount of 20 Lakh and Rs 10000/- per each additional copy			20,00,000		3,34,510	exploration exceeding ₹50 lakh but less than 150 lakh: A Minimum of ₹2.5 lakh or 5% of the work whichever is more and ₹ 3000/- per each additional copy. A has to submit the final Geological Report in Hard Copies and the soft copy to NMEDT.
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		5,00,000	Bill already raised at the time of commencement of block
L	Total Estimated Cost without GST						7,47,46,567		75,54,714	
M	Provision for GST (18% of L)	%					1,34,54,382		13,59,849	GST will be reimbursed as per actual and as per notified prescribed rate
N	Total Estimated Cost with GST						8,82,00,949		89,14,563	
							882.01		89.15	
							or Say Rs. , In Lakhs:			
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 of the project is outsourced, the amount will be reimbursed as per the paragraph 3 of NMEDT SoC and item no:6 of NMEDT SoC In case of execution of the project by NEA on its own, a certificate regarding non-outsourcing of any component/project is required
4	Necessary efforts should be made to minimise 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



**Agenda 25.3.21: Reconnaissance Survey (G4) for REE & associated minerals in and around Langmipi
- Laching Thing area, West Karbi Anglong District, Assam.**

[Implementing Agency: Mineral Exploration and Consultancy Limited (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 29.11.2024. The sanction order was issued on 13th December 2024 for a scheduled timeline of 15 months up to 12th March 2026 with an approved cost of ₹ 457.16 /- Lakhs (Including GST) with the project will be reviewed after 08 months.
- b) MECL informed that average values of Σ REE+Sc+Y in BRS samples is 564.5ppm.
- c) The TCC-II advised that, characterization of TREE and the enrichment/depletion of Sc in relation to Na, K, and Ca in drill core sample chemistry should be undertaken. Thin-section studies of REE mineral phases in enriched zones are also required. The geological report should include a detailed discussion on the variation of TREE and other critical mineral contents, their controlling factors with respect to the chemical environment, and insights into potential new prospective areas.
- d) Further, the agency requested for timeline extension of 6 months up to 12th September 2026 for GR submission.
- e) The TCC-II observed that the complete analytical result needs to be thoroughly reviewed before determining the further course of action for the project. The Committee also advised the agency to recheck and verify the W values of the collected samples. Additionally, the agency was instructed to submit a detailed justification explaining the reasons for the delay in the completion of the project timeline.

Recommendation TCC

The Committee opined that the project shall be reviewed only after receipt of the complete analytical results. Further, the agency was instructed to submit a detailed justification outlining the reasons for the delay in completion of the project timeline.

**Agenda 25.3.22: Preliminary Exploration (G3) for Potash in Lakhasar East Extension block,
Lakhasar Sub Basin, northwestern part of Rajasthan, District- Bikaner,
Rajasthan.**

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

- a) MECL informed that the project was recommended in 2nd meeting of TCC-II held on 22nd and 23rd October 2024 and approved in 38th EC meeting held on 29th November 2024 for ₹1616.51/- Lakh (including GST) with timeline of 15 months up to 12th March 2026. The drilling programme comprised 10,500 meters in total, covering 15 boreholes with an average depth of up to 700 meters each.
- b) The project was reviewed in 16th meeting of TCC-II held on 3rd & 6th November 2025, where the agency informed that drilling in BH2 has been suspended due to jamming and requested premature closure of borehole no. 2. The committee agreed for premature closure of borehole no. 2.
- c) The agency requested commencement of drilling operations in remaining 5 boreholes. Also, timeline extension for 6 months up to 12th September 2026 was requested.
- d) The TCC-II agreed for recommendation of timeline extension of 6 months up to 12th September 2026 for completion of the project and submission of final GR. Additionally, the agency was instructed to submit a detailed justification explaining the reasons for the delay in the completion of the project timeline to NMEDT.

Recommendation TCC

The Committee recommended the proposal for approval by the PSC for extension of the project timeline by six (06) months, i.e., up to 12th September 2026, for completion of the project and submission of the final Geological Report (GR). The Committee further instructed the agency to submit a detailed justification to NMEDT explaining the reasons for the delay in completion of the project timeline.

Agenda 25.3.23: Reconnaissance Survey (G4) for REE, RM, Glauconite and Phosphorite in Devisar area, Kachchh District, Gujarat.

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

- a) The project was recommended in 6th TCC-II meeting held on 27th, 28th February 2025 & 6th March 2025 and approved in the 41st EC Meeting held on 11th March 2025. The sanction order was issued on 19th March 2025 with timeline of 10 months up to 18th January 2026 with an approved cost of ₹251.38 Lakh (including GST). In the 20th TCC-II meeting held on 2nd & 5th January 2026, the Agency requested for timeline extension three (3) months up to 17th April 2026 for submission of Final Geological Report (GR). The TCC-II recommended it to PSC and it was approved by 4th PSC Committee in its meeting held on 13th January 2026.
- b) The project was reviewed in 22nd meeting of TCC-II held on 4th & 5th February 2026, where the agency
- c) requested approval for an additional 25 bedrock and channel sample analyses within the sanctioned cost, and the Committee agreed to the proposal
- d) MECL informed that average values of Σ REE+Y is 484.71ppm and K₂O is more than 3% in 10 samples. Also, timeline extension of 4 months 15 Days up to 31st August 2026 was requested.
- e) The TCC-II agreed for recommendation of timeline extension of 4 months 15 Days up to 31st August 2026 for completion of the project and submission of final GR. Also, drilling may be commenced in this project. Further, The Committee asked the agency to submit a detailed justification to NMEDT for the delay in completing the project.

Recommendation TCC

The Committee recommended the proposal for approval by the PSC for extension of the project timeline by four (04) months and fifteen (15) days, i.e., up to 31st August 2026, for completion of the project and submission of the final Geological Report (GR). Further, the Committee directed the agency to submit a detailed justification to NMEDT explaining the reasons for the delay in project completion.

Agenda 25.3.24: Reconnaissance Survey (G4) for Gold and Associated Minerals in Parma area Singrauli District, Madhya Pradesh.

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

- a) The project was recommended in 6th TCC-II meeting held on 27th, 28th February 2025 & 6th March 2025 and approved in the 41st EC Meeting held on 11th March 2025. The sanction order was issued on 19th March 2025 with timeline of 10 months up to 18th January 2026 with an approved cost of ₹187.29/- Lakh (including GST). Drilling in five(5) scout boreholes up to 500 drilling meterage was decided. Review of the project was scheduled after 5 months & 6 months.
- b) The agency presented the work without incorporating detailed geological structural information in the proposed area in the geological map.

- c) The TCC-II noted that the geological map presented lacks adequate structural data. The agency is directed to revise and resubmit the geological map incorporating complete and detailed structural information for the entire project area.

Recommendation TCC

The Committee deferred the review of the proposal to the next TCC-II meeting. The agency was advised to prepare the geological map with all structural data of the project area.

Agenda 25.2.25: Preliminary Exploration (G3) for Bauxite and Associated Minerals in Julrai block, District-Kachchh, Gujarat.

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

- a) The project was recommended in 5th TCC-II meeting held on 27th, 28th and 29th January, 2025 and approved in the 4th EC Meeting held on 21st February 2025. The sanction order was issued on 05th March 2025 with timeline of 14 months up to 04th May 2026 with an approved cost of ₹246.49/- Lakh (including GST). Review of the project was scheduled after 6 months. Drilling of 8 Boreholes of 30m depth in Phase-I was decided to be done, remaining 22 boreholes will be taken up after review.
- b) MECL informed that geological mapping on 1:4000 scale of 8.12 sq. km. area has been done. In phase -1 total 7 nos. of boreholes have been drilled, in which MBJ7 and MBJ8 did not encounter any Bauxite and/or Aluminous Laterite. Also, SiO₂ content is more i. e. about 20%. However, metallurgical grade Bauxite have been encountered in borehole MBJ1. The agency requested conclusion of the project in view of the limited Bauxite occurrence and prevailing field constraints. The agency requested approval for submission of the final geological report.
- c) Considering the facts, the TCC-II agreed for conclusion of the project. The revised cost sheet was evaluated and the same was recommended for approval of PSC.

Recommendation TCC

The Committee recommended the proposal for approval of PSC for "revised cost ₹77.23 Lakh (including GST) against the approved cost of ₹246.49 Lakh (including GST) as Annexure-10 due to pre-closure of the project".

**Revised Estimated cost for Preliminary Exploration (G-3) for Bauxite and associated minerals in Julrai Block, Districts: Kachchh, State: Gujarat
[Block area- 8.12 sq. km; Schedule timeline- 14 months; BH-30 nos.; Drilling- 900m; Review- After 6 months]**

S. No.	Item of Work	Unit	Rates as per NMEDT SoC 2020-21		Estimated Cost of the Proposal		Revised Estimated Cost of the Project		Remarks
			SoC-Item -SI No.	Rates as per SoC	Qty.	Amount (Rs)	Qty.	Amount (Rs)	
i	Charges for one Geologist-Field	day	1.3	11,000	180	19,80,000	100	11,00,000	
ii	Charges for one Geologist per-HQ	day	1.3	9,000	60	5,40,000	40	3,60,000	
iii	2 labours/ party (As per rates of Central Labour Commissioner)	day	5.7	526	360	1,89,360	200	1,05,200	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
iv	Sampling party days-1 Samplers Labour charge not included	day	1.5.2	5,100	181	9,23,100	65	3,31,500	
v	4 labours/ party (As per rates of Central Labour Commissioner)	day	5.7	526	724	3,80,824	260	1,36,760	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State

									Govt. whichever is higher
vi	Survey Party Days for topographical contour survey, block boundary and borehole points fixation	day	1.6. 1a	8,300	40	3,32,000	40	3,32,000	
vii	4 labours for surveyor	day	5.7	526	160	84,160	160	84,160	
	Sub Total- A					44,29,444		24,49,620	
B	PITTING AND TRENCHING								
i	Pitting	Cu m	2.1.2	3800	150	5,70,000	50	1,90,000	
ii	Trenching	Cu m	2.1.1	3330	50	1,66,500	-		
	Sub Total- B					7,36,500		1,90,000	
C	LABORATORY STUDIES								
1	Chemical Analysis								
i	Primary & Check samples for Bauxite BRS/Chip/Channel/Trench/BH samples)								
	a. Primary Samples for 5 radicals i.e. Al ₂ O ₃ , SiO ₂ , Fe ₂ O ₃ , TiO ₂ & LOI	Nos	4.1.15a	4,200	700	29,40,000	247	10,37,400	BH-178, BRS-50, Pit/Trench-19
	b. For each additional trace elements viz. V, Sc & Ga	Nos	4.1.15b	1,263	600	7,57,800	178	2,24,814	From BH primary samples
	c. External (10%) Check samples for 5 radicals i.e.	Nos	4.1.15a	4,200	70	2,94,000	25	1,05,000	

	Al ₂ O ₃ , SiO ₂ , Fe ₂ O ₃ , TiO ₂ & LOI								
	d. External (10%) Check samples for each additional trace elements viz. V, Sc & Ga	Nos	4.1.15b	1,263	60	75,780	18	22,734	
	a. Primary Samples for 10 radicals i.e. CaO, MgO, Al ₂ O ₃ , SiO ₂ , Fe ₂ O ₃ , SO ₃ , P ₂ O ₅ , K ₂ O, Na ₂ O & LOI	Nos	4.1.15a	4,200	-	-	3	12,600	To know the grade of Limestone
2	Physical, Petrological, Mineralogical Studies								
i	Preparation of thin section	Nos	4.3.1	2,353	10	23,530	6	14,118	
ii	Complete petrographic study report	Nos	4.3.4	4,232	10	42,320	6	25,392	
iii	Preparation of polished section	Nos	4.3.2	1,549	10	15,490	4	6,196	
iv	Complete mineralogical study report	Nos	4.3.4	4,232	10	42,320	4	16,928	
v	Digital Photographs	Nos	4.3.7	280	10	2,800	10	2,800	
vi	X-RD studies for mineral identification	Nos	4.5.1	4,000	10	40,000	5	20,000	
vii	ICP-AES/ICPMS (sequential technique) for 34 elements i.e. 16 other elements viz. Li, Ga, In, Be, Ge, Mo, Ni, Cr, Ta, W, Ba, Co, Rb, Sr, Zr, Nb ;16 REE viz. La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Sc, Y; 02 Actinides viz. U, Th.	Nos	4.1.14	7,731	20	1,54,620	20	1,54,620	

viii	Bulk density determination	Nos	4.10	3540	10	35,400	3	10,620	
ix	Combined determination of Trihydrate Alumina (THA-140°C), Monohydrate Alumina (MHA-240°C) & Reactive Silica	Nos	4.1.17a	6700	10	67,000	8	53,600	
	Sub Total- C					44,91,060		17,06,822	
D	DRILLING								
i	Drilling up to 300m (Soft Rock) (1 rigs)	m	2.2.1.1b	7,168	900	64,51,200	96	6,89,920	Only 7Bh drilled in Phase-I
ii	Land / Crop Compensation	per BH	5.6	20,000	30	6,00,000	-	-	
iii	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	30	60,000	7	14,000	
iv	Transportation of Drill Rig & Truck associated per drill	Km	2.2.8	36	5,160	1,85,760	5,160	1,85,760	
v	Monthly Accommodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	5	2,50,000	2	1,00,000	
vi	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	2	5,00,000	1	2,50,000	
vii	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	2	5,00,000	1	2,50,000	
viii	Approach Road Making	Km	2.2.10a	22,020	2	44,040	1	22,020	
ix	Bore Hole Fixation and determination of co-ordinates & Reduced Level of the boreholes by DGPS	Nos	1.6.2	19,200	35	6,72,000	12	2,30,400	30 Boreholes (7)+ 5 Block Boundary points
x	Drill core preservation: One complete borehole plus	m	5.3	1,590	500	7,95,000	-	-	

	mineralised cores of all the remaining Bhs								
	Sub Total- D					1,00,58,000		17,42,100	
E	Total A to D					1,97,15,004		60,88,542	
F	Geological Report Preparation		5.2	For the projects having cost exceeding Rs. 150 lakhs but less than Rs.300 lakhs - A minimum of Rs. 7.5 lakhs or 3% of the value of work whichever is more		7,50,000		3,04,427	Reimbursement will be made after submission of the final Geological Report in Hard Copies and the soft copy to NMEDT.
G	Peer review Charges		As per EC decision			30,000		30,000	
H	Preparation of Exploration Proposal	5 Hard copies with a soft copy	5.1	2% of the Cost or Rs. 5.0 Lakhs whichever is lower		3,94,300		1,21,771	Bill already raised after commencement of the block
I	Total Estimated Cost without GST					2,08,89,304		65,44,740	
J	Provision for GST (18% of I)					37,60,074.73		11,78,053.19	GST will be reimbursed as per actual and as per notified prescribed rate
K	Total Estimated Cost with GST					2,46,49,378.81		77,22,793.13	
	or Say Rs. In Lakhs					246.49		77.23	
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 of the project is outsourced, the amount will be reimbursed as per the paragraph 3 of NMEDT SoC and item no:6 of NMEDT SoC In case of execution of the project by NEA on its own ,a certificate regarding non-outsourcing of any component/project is required
4	Necessary efforts should be made to minimise 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



Agenda 25.2.26: Preliminary Exploration (G3) for Copper and Associated Minerals in Jaridih Pipradih block, District- Giridih, Jharkhand.

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

- a) The project was recommended in 2nd TCC-II meeting held on 22nd & 23rd October 2024 and approved in the 38th EC Meeting held on 29th November 2024. The sanction order was issued on 13th December, 2024 with timeline of 15 months up to 12th March, 2026 and approved cost was ₹400.21 Lakh (including GST).
- b) In the 12th TCC-II meeting held on 22nd, 25th, 26th and 27th August 2025, the Committee advised the agency to undertake drilling in five (05) boreholes to test the identified geophysical anomalies. The Committee further opined that these boreholes should be appropriately distributed across the three zones identified on the basis of geophysical anomalies, namely Zone-I, Zone-II, and Zone-III.
- c) MECL informed that drilling operations were taken up in 4 boreholes out of approved 10 nos. of boreholes. Total 3 boreholes in Zone-I and 1 borehole in Zone-II were done. In Zone-III drilling was not feasible due to water logged area. Further, the agency requested timeline extension of 6 months up to 11th September 2026. Also, the agency requested collection of 36 trench samples in place of BRS samples, which was agreed by the committee.
- d) The TCC-II recommended timeline extension of 6 months up to 11th September 2026 for approval of PSC.

Recommendation TCC

The Committee recommended the proposal for approval of PSC for “timeline extension of 6 months up to 11th September 2026”.

Agenda 25.2.27: Preliminary Exploration (G3) for REE and Copper in Hirnoda block, Jaipur District, Rajasthan.

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

- a) The project was recommended in 5th TCC-II meeting held on 27th, 28th & 29th January 2025 and approved in the 40th EC Meeting held on 21.02.2025. The Sanction Order was issued on 19th March 2025 with timeline of 12 months up to 18th February 2026 and approved cost was ₹ 4,39,35,703/- (including GST). Review of the project was scheduled after 3 months. Three (3) Boreholes of 400m depth (total 1200 meterage) drilled in Phase-I in 400m spacing was decided
- b) MECL informed that complete analytical results are still awaited. Further, the agency requested timeline extension of 6 months up to 4th September 2026.
- c) The TCC-II recommended timeline extension of 6 months up to 4th September 2026 for approval of PSC.

Recommendation TCC

The Committee recommended the proposal for approval of PSC for “timeline extension of 6 months up to 4th September 2026”.

Agenda 25.2.28: Reconnaissance Survey (G4) for Polymetals (Cu-Pb-Zn & Au-Ag) in Amritpur area, Nainital District, Uttarakhand.

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

- a) The project was recommended in 6th meeting of TCC-II held on 27th and 28th February, 2025 & 6th March 2025 and approved in 41st EC meeting held on 11th March 2025. The Sanction Order was issued on 19th March 2025 with timeline of 10 months up to 18th February 2026 with an estimated cost of ₹107.98 Lakh (including GST). Review was scheduled after 5 months.
- b) The project was reviewed in 22nd TCC-II meeting held on 4th & 5th February 2026, the agency requested for timeline extension for 3 months up to 17th April 2026 and it was approved in 6th PSC held on 2nd March 2026. where the committee recommended the proposal for timeline extension of 3 months up to 17th April 2026. The proposed timeline extension was approved in 6th PSC held on 2nd March 2026.
- c) MECL informed that complete analytical results are still awaited. Further, the agency requested timeline extension of 02 months up to 17/06/2026.
- d) The TCC-II recommended timeline extension of 03 months up to 17/04/2026 for approval of PSC. The committee observed that the agency did not come for 1st scheduled review after 5 months from the date of commencement of the project work.

Recommendation TCC

The Committee recommended the proposal for approval of PSC for “timeline extension of 02 months up to 17/06/2026”.

Agenda 25.2.29: Preliminary Exploration (G3) for REE mineralization in Nauser-Bamni Dhani-Dandali block, Barmer district, Rajasthan

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

- a) The project was recommended in 2nd meeting of TCC-II held on 22nd and 23rd October, 2024 and approved in 38th EC held on 29th November, 2024. The Sanction Order was issued on 13th December 2024 with timeline of 14 months up to 12th February 2026 with an estimated cost of ₹610.95 Lakh (including GST). Review was scheduled after 6 months.
- b) MECL informed that geological mapping of 16.25 sq. km has been done along with Pitting/trenching, sample collection and analysis.
- c) The TCC-II advised that, using data from Pit 151 along with other field observations, a regolith/cover thickness map should be prepared. An overlay analysis integrating gravity and magnetic domains with lithological data is to be carried out to develop a robust predictive geological model. Particular emphasis should be given to ferro-carbonatite and alkaline rhyolite units, as they are significant due to their higher total REE (tREE) content, and their subsurface disposition should be delineated using gravity and magnetic signatures. The predictive geology must clearly highlight volcanic suites and dyke systems. Additionally, the stratigraphy of the Malani and Marwar sequences should be explicitly described, and the depths of geophysical signals must be substantiated with appropriate depth solution maps.
- d) The TCC-II advised the agency to undertake resource estimation and accordingly conclude the project.

Recommendation TCC

The Committee advised the agency to undertake resource estimation and accordingly conclude the project and submit the Geological report.

Agenda 25.2.30: Preliminary exploration (G3) of Tungsten and Tin ore in Murara-Devendrapura block, Niwari district, Madhya Pradesh

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

- a) MECL informed that the project was approved in the 36th EC Meeting held on 29th July 2024. The sanction order was issued on 29th August 2024 with scheduled timeline of 12 months up to 28th August 2025) with an approved cost of ₹ 3,08,80,588 (including GST). The project was reviewed in 6th TCC-II meeting held on 27th, 28th February and 6th March 2025.
- b) MECL informed that complete analytical results are still awaited.
- c) The TCC-II opined that the project will be reviewed again after receipt of all analytical results in upcoming TCC-II meetings.

Recommendation TCC

The Committee opined that the project will be reviewed again after receipt of all analytical results.

Agenda 25.2.31: Preliminary (G-3) Exploration for Iron and Bauxite Ore in Amoch-Chhapra block, Jabalpur and Katni, districts, Madhya Pradesh.

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

MECL requested that this agenda item be presented in the next TCC-II meeting.

Recommendation TCC

The Committee deferred the review of the project to the next TCC-II meeting.

25.4 Project Evaluation for In-Principle Approval

Agenda 25.4.1 Preliminary Exploration (G3) of Iron Ore Deposits in Rajabera region, West Singhbhum- District, Jharkhand (9.33 sq. km).

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

- a) The proposed preliminary Exploration (G3) of 9.33 sq. km. area falls in Survey of India Toposheet number 73F/7, 73F/8 in parts West Singhbhum- District, Jharkhand.
- b) The table containing the comments is given below

Sl. No.	Agency	Comments
1	DMG	The DMG informed that the proposed area comes under Management plan for sustainable Mining (MPSM) in Saranda and Chaibasa no Mining Zone. Hence as per govt. of India MoEF & CC rules mining is not allowed. Therefore, exploration activity in this context is not preferable.
2	GSI	GSI has done earlier G4 exploration in FS2005-07 for Iron (Ghatkuri) and FS 2019-20 (G4) completely encompassing the proposed NMEDT block. The proposed block encompasses a GM named Rajabera_East_Iron block which was later returned by DMG, Jharkhand.
3	MECL	No overlap with MECL explored and ongoing blocks.
4	NMEDT	No overlap with completed or ongoing projects in proposed block.

- c) The agency informed the Committee that the proposed block is part of the Iron Ore Supergroup within the Singhbhum Craton and comprises lithologies such as shale, phyllite, quartzite, metabasite, banded chert, and banded iron formations (BHQ and BHJ), which host the principal iron mineralization. The iron ore occurs in both laminated and massive hematite forms,

commonly associated with BHJ, BHQ, BHS, limonite, and goethite, forming narrow ridge-type deposits. Surface mineralization is discontinuous and lateritized in nature, manifested as float ore, ferruginous laterite, and iron-rich soil, suggesting the presence of concealed subsurface ore bodies. Further, geochemical and trenching results indicate Fe values ranging from 37.64% to 67.17%, reflecting moderate to high-grade iron mineralization potential (Bara and Das, FS 2019–20).

- d) The committee opined that, based on the DMG comments the proposed block could not be accorded in-principle approval.

Recommendation TCC-II

The Committee did not accord in-principle approval to the proposal, based on the comments received from DMG indicating that the proposed area falls within the MPSM (Management Plan for Sustainable Mining) in the Saranda and Chaibasa No Mining Zone.

Agenda 25.4.2 Reconnaissance survey (G4) for paleo-placer Gold (Au) in Quartz Pebble Conglomerate of Proterozoic Dhanjori Basin, East Singhbhum District, Jharkhand (99.83 sq. km).

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

- a) The proposed **Reconnaissance survey (G4)** of 99.83 sq. km. area, falls in Survey of India Toposheet number 73J/6 in parts of East Singhbhum District, Jharkhand.
- b) The table containing the comments is given below

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

- c) The agency informed the Committee that the study area is located along the margin of the Central Archaean Singhbhum Craton and is surrounded by Palaeo-Proterozoic volcano-sedimentary sequences of the Singhbhum, Dhanjori, and Dalma Groups. The Dhanjori basin unconformably overlies the Iron Ore Group basement and hosts significant gold mineralization, particularly within Quartz Pebble Conglomerate (QPC) horizons and pebbly quartzite. Gold mineralization primarily occurs as fine grains within the matrix of QPC lenses, which are fractured, sheared, and mylonitized, indicating a paleo-placer origin. Results from channel sampling, stream sediment analysis, and drilling indicate gold values ranging from 50 ppb to 3.8

ppm, with mineralized zones up to 4.5 m in thickness and average grades of around 0.76 g/t Au (Chandra et al., 1993–94; Haque et al., 1995–96; Haque et al., 1998–99; Ramakrishnan & Vaidyanathan, 2010).

- d) The TCC-II opined that there is availability of different geological reports in and around the proposed block whose information is important to be included in the proposal and advised the agency to include this information in their proposal. The committee suggested incorporation of data from all previous exploration work in area and resubmission of the proposal.

Recommendation TCC-II

The Committee deferred the proposal to the next TCC meeting due to inadequate analysis of available geological data in and around the proposed area, and advised the agency to incorporate findings from previous exploration work into the proposal.

**Agenda 25.4.3 Preliminary exploration (G3) for aluminous Laterite and associated minerals in bidakni-baipalli block-A, Chilkapalli- Gunarpalli block-B & Venkatapur-Chintalghat block-C, Sangareddy and Vikarabad Districts, Telangana (60 sq. km , Three blocks)
[Implementing Agency: M/s APC Drilling & Construction Pvt. Ltd.]**

- a) The proposed preliminary exploration (G3) block covers an area of 60.00 Sq.km (Block-A, 12.80 sq. km, Block-B, 16.00 sq. km, Block-C, 40.20 sq. km.) and falls in the survey of India toposheets 56G/10 & 56G/14.
- b) The table containing the comments is given below

Sl. No.	Agency	Comments
1	DMG	DMG informed that the proposed area does not overlap with any past or ongoing projects.
2	GSI	The G4 (Dowel area) carried out by GSI during the FS: 2023-24, showed encouraging values for associated critical minerals like Vanadium and titanium in the aluminous laterite which occurs as capping over the Deccan traps and recommended two mineralization zones viz. Venkatapur and Chilkepalle. Venkatapur area has been submitted as Geological memorandum (GM) titled "Geological Memorandum on aluminous laterite / bauxite and associated critical minerals in Venkatapur block, Sangareddy & Vikarabad Districts, Telangana" in the 65th CGPB meeting held recently on 21.01.2026. The proposed Venkatapur-Chintalghat Block (block C) by Ms. APC Drilling & Construction Private Limited overlaps with the above submitted GM block of SU: Telangana, GSI for an area of 4.095 sq.km.
3	MECL	No overlap with MECL explored and ongoing blocks.
4	NMEDT	There is no overlapping with NMEDT funded block in the proposed area.

- c) The agency referred to G4 level exploration carried out by GSI during FS 2023–24 and informed the Committee that the study area is underlain by basalts of the Late Cretaceous–Paleocene Sahyadri Group, with intertrappean beds of chert and marl, and is overlain by Cenozoic laterites formed due to intense tropical chemical weathering of basalt. The elevated plateau regions are capped by laterite, aluminous laterite, and alumina-rich saprolite. Bedrock and laterite samples collected during GSI Field Season 2023–24 show Al₂O₃ values ranging from 13.94% to 40.36% (average 28.56%), Fe₂O₃ from 5.69% to 53.25% (average 23.56%), and SiO₂ from 14.81% to 37.43% (average 28.53%). TiO₂ content ranges from 1.54% to 8.76%, while vanadium values vary from 240 to 1778 ppm. Reactive silica ranges between 3.68% and 7.11%. These geochemical characteristics indicate potential for aluminous laterite with associated enrichment of titanium and vanadium.
- d) The committee observed that GSI comments indicate almost complete overlap with already completed G4 exploration project for aluminous laterite which contains the three blocks proposed by the agency. Further the committee opined that for G3 exploration proposing such a large area is not feasible. Also, the proposed Venkatapur-Chintalghat block contains the submitted GM block.
- e) Further, the committee suggested to Integrate all available NGCM/NGPM/STM data to identify the most promising area of around 5 sq. km along with collection of samples and their analysis by the agency itself and submission of DPR for evaluation.

Recommendation TCC-II

The Committee deferred the proposal to the next TCC meeting, noting that the proposed area of 60 sq. km is too large for G3 level exploration and overlap with GM block. The Committee further advised the agency to delineate prospective area of approximately 5 sq. km, carry out field sampling and analytical studies, and based on the results submit a Detailed Project Report (DPR) for evaluation..

Agenda 25.4.4 Reconnaissance survey (G4) for Graphite and associated Minerals around Janardhanapatnam-Talluru Villages District, Kakinada and Anakapalle, Andhra Pradesh (71.10 sq. km)

[Implementing Agency: M/s APC Drilling & Construction Pvt. Ltd.]

- a) The proposed preliminary Exploration (G3) of 71.10 sq.km sq. km. area, falls in Survey of India Toposheet number 65K/07 & 65 K/11 in parts of Kakinada and Anakapalle, Andhra Pradesh.
- b) The table containing the comments is given below

Sl. No.	Agency	Comments
1	GSI	The proposed NPEA block was covered by STM work during FS 2023-24. Exploration activity has not been done. No ongoing exploration projects in the area.
2	MECL	The proposed block is not overlapping with MECL explored block and ongoing blocks.
3	DMG	No ongoing exploration/reconnaissance projects related to Graphite and associated minerals and any other mineral/commodity in the proposed area
4	NMEDT	There are no completed or ongoing NMEDT-funded projects in and around the proposed block.

- c) The agency informed the committee that the Graphite mineralization in the Tuni–Rowthulapudi area was first reported by Ramaswamy (1952), who documented graphite

occurring as small nests and thick streaks within khondalite rocks along contacts with pegmatite and quartz veins. Later investigations by GSI (Manoj and Vinya, 2016–17) also reported old graphite workings in the Namagiri–Narendrapalem area. The region forms part of the Eastern Ghats Mobile Belt, dominated by high-grade metamorphic rocks such as khondalites, charnockites, and migmatites, with khondalites hosting graphite and other mineralization. Specialized Thematic Mapping by GSI (FS 2023–24) identified a 21 m wide graphite zone near Narendrapatnam, with graphite values ranging from 0.5% to 4% fixed carbon, and XRD results indicating fixed carbon up to 13%.

- d) The committee observed that the proposed block had been carved out from the STM work carried out by GSI in FS 2023-24. The committee observed that the presentation of the proposal given by the agency was not satisfactory and comprehensible as the complete geological information was not presented properly.
- e) The TCC-II deferred the proposal to the next TCC-II and suggested the Agency to come up with better presentation.

Recommendation TCC-II

The committee deferred the proposal for next TCC-II due to presentation of the proposal given by the agency was not satisfactory and comprehensible as the complete geological information was not presented properly. The committee suggested the Agency to come up with better presentation.

Agenda 25.4.5 Reconnaissance Survey (G4) for Iron ore and Associated Minerals around Erra Konda-Vattikalu Konda-Devarapalle villages, Alluri Sitharama Raju District, Andhra Pradesh (98.60 sq. km)

[Implementing Agency: M/s APC Drilling & Construction Pvt. Ltd.]

- a) The proposed reconnaissance Survey (G4) of 98.60 sq. km. area, falls in Survey of India Toposheet number 65G/09 & 65G/05 in parts Alluri Sitharama Raju District, Andhra Pradesh
- b) The table containing the comments is given below

Sl. No.	Agency	Comments
1	GSI	The area was covered by STM during FS: 2023-24, which identified presence of isolated ferruginous quartzites/BMQ bands. Currently, no exploration work is being undertaken by GSI in the proposed block. No ongoing project in the proposed area.
2	MECL	The proposed block is not overlapping with MECL explored block and ongoing blocks.
3	DMG	No ongoing exploration/reconnaissance projects related to Iron ore and associated minerals and any other mineral/commodity in the proposed area. one Mining Lease for Quartz over an extent of 0.847 in Sy No: 26, Keshavapuram Village, Chintoor Mandal in favour of Sri P. Satyanarayana.
4	NMEDT	There is no overlapping with NMEDT funded block in the proposed area.

- c) The agency informed the committee that the Magnetite mineralization in the Boorgampad–Boddugudem region was first reported by Appavadhanulu and Subrahmanyam (1962), who documented discontinuous magnetite bodies occurring as massive and granular lenses,

stringers, and veins within garnetiferous quartz–hypersthene granulites and gneisses, extending over about 100 m with thickness up to 0.6 m. Recent Specialized Thematic Mapping (GSI, FS 2023–24) over 350 sq. km in the Boddugudem–Konta–Devarapalle sector identified Banded Magnetite Quartzite (BMQ) bands in the Vatalukonda and Maikonda areas, measuring 500–600 m in length and 80–90 m in width, with Fe₂O₃ content ranging from 38% to 53%. Ferruginous quartzites occur as isolated elongated hillocks, indicating potential iron mineralization zones.

- d) The TCC-II observed that the agency did not present the proper STM map of GSI referred in the proposal. Further, dimensions of the mapped BMQ were not clearly described and further lacked the analysis of BMQ samples of the STM report and their corresponding locations on the map. Also, the scale of the map was not properly defined. Further, some of the BRS samples showed less than 30% values of Fe₂O₃ with high SiO₂ content greater than 50%.
- e) The committee opined that the facts presented lacks clarity of geological information and suggest the agency to carryout field visit, collect samples from mapped BMQ bands and analyse the results by themselves

Recommendation TCC-II

The Committee deferred the proposal to the next TCC-II meeting, as the presentation made by the agency was not satisfactory or clear, and the geological information was not adequately presented. The Committee advised the agency to resubmit the proposal with an improved and more comprehensive presentation.

Agenda 25.4.6 Reconnaissance Survey (G4) for REE and associated minerals in Cherukupally, area, Nalgonda District, Telangana State (145 sq. km)

[Implementing Agency: M/s Critical Mineral Trackers]

- a) The proposed reconnaissance Survey (G4) of 145 sq. km. area, falls in Survey of India Toposheet number 56 O/8 and 56 O/12 in parts of Nalgonda District, Telangana State.
- b) The table containing the comments is given below

Sl. No.	Agency	Comments
1	GSI	The area proposed by CMT is overlapping with the G4 exploration for REE and RM mineralization item being carried out in the current FS 2025-26. Out of the proposed 145 sq.km in Cherukupally block by CMT (NPEA) an area of 108 sq.km is getting overlapped with the G4 block being carried out by GSI.
2	AMD	There is no ongoing exploration /reconnaissance project.
3	MECL	The proposed block is not overlapping with MECL explored block and ongoing blocks.
4	DMG	Comments not available
4	NMEDT	There is no overlapping with NMEDT funded block in the proposed area.

- c) The agency informed the Committee that the area is dominated by Precambrian granitoids and migmatites of the Peninsular Gneissic Complex, intruded by basic and acidic dykes. Airborne geophysical data indicate a 40 km long leucogranite belt with associated magnetic anomalies. These granites host REE-bearing minerals and show high potash content (up to 6%) with REE values ranging from 122 to 1643 ppm, indicating significant rare earth element potential.

- d) The TCC-II committee observed that there was an overlap of about 75 percent of the proposed block with ongoing G4 block for REE and RM of GSI FS 2025-26. The committee did not give in-principle approval.

Recommendation TCC-II

The Committee did not accord in-principle approval to the proposal due to an overlap of approximately 75% of the proposed block with an ongoing G4 exploration block for REE and RM under GSI FS 2025–26.

Agenda 25.4.7 Reconnaissance Survey (G4) in Dholet -Nangal Block, Pahadi tehsil ,Bharatpur District, Rajasthan for base metal & associated critical, strategic mineralization (31.1 sq. km). [Implementing Agency: M/s Critical Mineral Trackers]

- a) The proposed reconnaissance survey (G4) of 31.1 sq. km. area, falls in Survey of India Toposheet number 54 E/1 in parts of Bharatpur District, Rajasthan.
- b) The table containing the comments is given below

Sl. no.	Agency	Comments
1	GSI	At present no project is going on in the proposed area. No overlap.
2	MECL	The proposed block is not overlapping with MECL explored block and ongoing blocks.
3	DMG	DGM informed that there are no ongoing exploration or reconnaissance projects within the proposed area
4	NMEDT	There is no overlapping with NMEDT funded block in the proposed area. There are greater than 100 minor mining leases present within the proposed block. The lease hold areas may be excluded.

- a) The agency informed the committee the Govt. of Rajasthan through RSMET, vide letter no RSMET/F-2025/2025-26/256 dated 6.6.2025 has undertaken AIL based studies through NPEA and identified prospective potential G-4 blocks in Bhilwara and Bharatpur districts. This block has been allocated as a part of this study.
- b) The committee observed NGCM elemental distribution map for Cu (16-25 ppm), Zn (252-603 ppm), Pb (12-19 ppm), La (37 -64 ppm) and Ce (69 -118 ppm) which showed less values.
- c) The committee observed that NPEA block had been delineated based on AI/ML-assisted mineral targeting integrating gravity, magnetic, lineament, lithological and geochemical datasets. The integrated analysis indicates that the block falls within a predicted favourable zone for base metals and associated critical and strategic minerals.
- d) In order to validate the results, the committee asked for the AI/ML-generated prospectivity map, along with the methodology adopted. The agency did not present the prospectivity map and the methodology adopted. The committee further opined that the AI/ML output should substantiate classical geological model.

Recommendation TCC-II

The Committee deferred the proposal to the next TCC meeting, as the agency was unable to present the AI/ML-generated prospectivity map along with the methodology adopted for its preparation. The Committee further advised the agency to comprehensively present the complete AI/ML workflow, including data inputs, processing techniques, model selection, validation procedures, and the final prospectivity map in a clear and detailed manner in the next meeting.

Agenda 25.4.8 Reconnaissance survey (G4) in Kadisahan-Bachhkhera block, tehsil Sahapura, Bhilwara district, Rajasthan for base metal & associated critical, strategic mineralization (102.76 sq. km).

[Implementing Agency: M/s Critical Mineral Trackers]

- a) The proposed reconnaissance survey (G4) area of 102.76 sq. km., falls in Survey of India Toposheet number 45 K/14 & 45O/2 in Bhilwara district, Rajasthan.
- b) The table containing the comments is given below

Sl. No.	Agency	Comments
1	GSI	At present no project is going on in the proposed area. No overlap.
2	MECL	The proposed block is not overlapping with MECL explored block and ongoing blocks.
3	DMG	The proposed area does not conflict with any mineral concessions or litigations, except for a granite mining lease covering 2.15 hectares within the block, and an additional 116.02 hectares scattered in small patches across the Aravalli region as per the FSI report. The matter pertaining to these areas is currently sub judice before the Hon'ble Supreme Court.
4	NMEDT	There is no overlapping with NMEDT funded block in the proposed area.

- c) The agency informed the committee the Govt. of Rajasthan through RSMET, vide letter no RSMET/F-2025/2025-26/256 dated 6.6.2025 has undertaken AIL based studies through NPEA and identified prospective potential G-4 blocks in Bhilwara and Bharatpur districts. This block has been allocated as a part of this study.
- d) The committee observed NGCM elemental distribution map for Cu (17-64 ppm), Zn (41-88 ppm), Pb (13-29 ppm), La (79 -153 ppm) and Ce (133 -213 ppm) which showed less values.
- e) In order to validate the results, the committee asked for the AI/ML-generated prospectivity map, along with the methodology adopted. The agency did not present the prospectivity map and the methodology adopted. The committee further opined that the AI/ML output should substantiate classical geological model.

Recommendation TCC-II

The Committee deferred the proposal to the next TCC meeting, as the agency was unable to present the AI/ML-generated prospectivity map along with the methodology adopted for its preparation. The Committee further advised the agency to comprehensively present the complete AI/ML workflow, including data inputs, processing techniques, model selection, validation procedures, and the final prospectivity map in a clear and detailed manner in the next meeting.

Agenda 25.4.9 Reconnaissance Survey (G4) for Tin and associated minerals in parts of Sharadputa-Kyang-udaygiri and Padampur-Padmagiri block, Malkangiri District, Odisha (179.19 sq. km).

[Implementing Agency: M/s Critical Mineral Trackers]

- a) The proposed area of 172.19 sq. km for reconnaissance survey (G4), falls in Survey of India Toposheet No. 65J/2 and 65F/15 and lies within parts of Malkangiri District, Odisha.
- b) The Committee observed that the project was earlier discussed in the 23rd TCC-II meeting, wherein, as per comments received from GSI, the proposed Sharadputa-Kyang-Udaygiri area had complete overlap with a G4 level area already explored by GSI during FS 2024-25. However, no overlap was reported in the Padampur-Padmagiri area. Accordingly, the Committee deferred the project, subject to receipt of written comments from DMG.

c) The table containing the comments is given below:

Sl. No.	Agency	Comments
1	DGM	Both the blocks are not overlapping with any ML & CL blocks but Sharadput-Kyang-Udaigiri block was covered by GSI under rule-67 during FS 2024-25.

d) As per the comments received from GSI, the proposed Sharadputa-Kyang-udaygiri part has complete overlap with already explored G4 area of GSI in FS 2024-25. However, there is no overlap with the Padampur-Padmagiri area.

e) The agency informed the committee that out of 85.90 sq. km area of the Padampur-Padmagiri block, about 47.73 sq. km comes under reserved forest area. The agency referred a 1993-94 geological mapping work (1:25000 scale) carried out by DMG where excavation of 226 cubic meters was done. Cassiterite was found to be associated with pegmatite veins. In Padmagiri-Padmapur area the only pegmatite cluster to the north-west of village Padmapur, located at the contact of metabasic and sericite-schist, is found to be stanniferous having incidence 500 ppm.

f) The committee agreed for in-principle approval for Padampur-Padmagiri block (85.90 sq. km), and asked the agency to visit the block, carry out some limited geological traverses and analysis of samples and to include these results in DPR for evaluation.

Recommendation TCC-II

The committee accorded in-principle-approval to the Padampur-Padmagiri block based on the indication of Cassiterite mineralization reported in DMG report and asked the agency to submit the DPR subject to addition of field sample analysis.

Agenda 25.4.10 Reconnaissance survey (G4) for Zirconium and other associated mineralization around N/V Machbandhawa and Bhanswar, District Sonbhadra, Uttar Pradesh (61.3 sq. km).

[Implementing Agency: M/s Enkay Enviro Services Pvt. Ltd.]

a) The proposed **reconnaissance survey (G4)** of 61.3 sq. km. area, falls in Survey of India Toposheet number 63M/1 in parts of Machbandhawa & Bhanswar, District Sonbhadra, Uttar Pradesh.

b) The table containing the comments is given below:

Sl. No.	Agency	Comments
1	DGM	No, any Composite License or Mining Lease for Major but 1 Minor mineral is given in the proposed for Building stone lease 1.16 Ha area. No ongoing exploration/reconnaissance projects related to Tungsten and Associated Minerals and any other mineral/commodity in the proposed area.
2	AMD	AMD has carried out extensive surface and subsurface explorations (G4 / G3 stage) for uranium in different phases. Samples (n=15) from the explored area analysed up to 0.22% U ₃ O ₈ and 0.043% ThO ₂ . The proposed block overlaps with the ongoing core drilling (G4/G3 stage) to probe the subsurface continuity of uranium mineralisation in Satbahni - Adhaura area. In view of the above, the proposed block is not recommended in the interest of ongoing subsurface and future exploration by AMD for uranium.
3	GSI	No ongoing project neither proposed for ensuing field season in the proposed block.

4	MECL	Not available.
5	NMEDT	There is no overlapping with NMEDT funded block in the proposed area.

- c) The agency informed the Committee that previous investigations by AMD and GSI in Sonbhadra and adjoining areas identified uranium, REE, rare metals, and associated mineralization, with studies indicating a complex granitoid–gneiss terrain and significant potential for metallic mineralization near intrusive bodies.
- d) Subsequent studies (2016–2024) reported high REE values and identified minerals such as monazite, allanite, xenotime, and zircon, along with zircon enrichment and graphite mineralization. Overall, the granitoid–pegmatite terrain is highly prospective for REE, zirconium, uranium, graphite, and associated rare metals.
- e) The TCC-II did not agree for in-principle-approval of the proposal since the proposed area overlaps with the AMD ongoing exploration work for Uranium.

Recommendation TCC-II

The TCC-II did not agree for in-principle-approval of the proposal since the proposed area overlaps with the AMD ongoing exploration work for Uranium.

Agenda 25.4.11 Preliminary exploration (G3) for REE and RM mineralisation in Kamthai Block, Balotra District, Rajasthan (2.0 sq. km)

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

- a) The proposed preliminary exploration (G3) of 2.0 sq. km. area falls in Survey of India Toposheet number 40 O/14 in Balotra District, Rajasthan.
- b) The table containing the comments is given below:

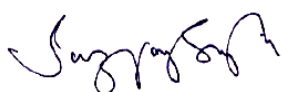
Sl. No.	Agency	Brief Comments
1	DGM	This proposal area does not conflict with any mineral concession other than major part of proposal area conflicting 10(A)(2)(b) case and the same matter is stayed by Hon'ble High Court of Rajasthan and further matter is sub-judice.
2	GSI	The proposed block falls within the G4 exploration work carried out for REE and RM in 2018-19. At present no project is going on in the proposed area
3	MECL	Comments not available
4	AMD	No exploration or reconnaissance work in the proposed block, and there is currently no ongoing project;
5	NMEDT	No ongoing and completed projects overlap with the proposed block.

- c) The agency referred a G4 stage reconnaissance survey carried out by GSI Jaipur, during FS 2018–19 in the Sarnu–Dandali area to evaluate the potential for rare earth elements and rare metal mineralization. Large-scale geological mapping (1:12,500) was conducted over 70 sq. km, along with systematic sampling including bedrock, petrochemical, petrographic, EPMA and XRD studies. The area comprises rocks of the Malani Igneous Suite and the Sarnu–Dandali Tertiary Alkaline Complex, including rhyolite, basalt, alkali feldspar syenite, nepheline syenite, ijolite and pyroxenite. Geophysical surveys helped delineate carbonatite bodies, and subsequently six mineralized carbonatite dykes were identified. Carbonatites showed the highest REE values, with Σ REE up to 16%, and REE minerals such as bastnaesite, ancylite, parisite, monazite and fergusonite were identified, indicating strong REE and rare metal mineralization potential in the area.

- d) The committee did not agree for the In-principle approval as major part of proposed area conflicting 10(A)(2)(b) case and the same matter is stayed by Hon'ble High Court of Rajasthan and further matter is sub-judice as per DGM comments.

Recommendation TCC-II

The Committee did not accord in-principle approval to the proposal, as a major part of the area is under a 10(A)(2)(b) conflict. As per DGM comments, the matter is stayed by the Hon'ble High Court of Rajasthan and is currently sub-judice.



List of participants attended 25th meeting of Technical-cum-Cost Committee - II (TCC - II) of NMEDT held on 17th and 18th March 2026 through video conferencing mode

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