

**Ministry of Mines**  
**National Mineral Exploration & Development Trust**  
**Minutes of 26<sup>th</sup> meeting of Technical-cum-Cost Committee - II (TCC - II)**  
**held on 1<sup>st</sup> and 2<sup>nd</sup> April 2026**

The 26<sup>th</sup> 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 1<sup>st</sup> and 2<sup>nd</sup> April 2026.

Members of TCC-II, NMEDT and representatives from Central Mine Planning & Design Institute Limited (CMPDI), M/s Critical mineral trackers (CMT), M/s Natural Resources Division-Tata Steel Limited, FCI Aravali Gypsum and Minerals India Limited (FAGMIL), Mineral Exploration and Consultancy Limited (MECL), M/s Mining Tech Consultancy Services Limited, M/s BMRC Geomining Solutions Private Limited, M/s. Deepsar Mineral Explorer, M/s Ocean Drilling and Exploration Private Limited, M/s Vardan Environet LLP, M/s Enkay Enviro Services Private Limited, M/s. Geo Exploration and Mining Solution, DGM Chhattisgarh, 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 reminded all exploration agencies that the details of ongoing mineral exploration blocks must be uploaded on the NGDR portal. All NEAs, NPEAs, and State DGMs/DMGs are requested to coordinate with NMEDT to ensure compliance. He further informed that all Limestone projects will be reviewed after the receipt of clear guidelines from the Project Sanctioning Committee (PSC). During the 7<sup>th</sup> PSC meeting, the matter was discussed, and the PSC directed that all Limestone projects remain on hold until a decision on their execution by the State Government or NMEDT is finalized.

**26.1 Review of Ongoing Projects/ Completed Project & Timeline Extension**

**Agenda 26.1.1 Reconnaissance survey (G-4) for copper and associated minerals in Kochipur District- Sidhi, Madhya Pradesh.**

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

- a) The project was recommended in 68<sup>th</sup> TCC meeting held on 28<sup>th</sup>, 29<sup>th</sup>, and 30<sup>th</sup> August 2024, and approved in 37<sup>th</sup> EC meeting held on 23<sup>rd</sup> September 2024 for a scheduled timeline of 10 months up to 21<sup>st</sup> August 2025, with approved cost of ₹ 125.13/- Lakh (including GST). Sanction Order was issued on 22<sup>nd</sup> October 2024. The project was reviewed in 9<sup>th</sup> TCC-II meeting held on 29<sup>th</sup> & 30<sup>th</sup> May 2025. Further, in 12<sup>th</sup> meeting of TCC-II timeline extension of 4.5 months up to 31<sup>st</sup>




December 2025 was recommended and approved in 1st PSC meeting held on 9<sup>th</sup> October 2025.

- b) During the review of the project in the 16<sup>th</sup> meeting of TCC-II held on 3<sup>rd</sup> and 6<sup>th</sup> November 2025, the Committee observed that the Cu values in surface samples are not encouraging. It was further noted that within the graphite band in the central part of the carbonaceous phyllites, the Fixed Carbon (FC) values are also limited to a range of only 2–3%.
- c) The project was further reviewed during the 19<sup>th</sup> meeting of TCC-II held on 16<sup>th</sup> and 17<sup>th</sup> December 2025, wherein the Committee recommended additional sample analyses amounting to ₹51,585/- and a revised project cost of ₹125.78/- lakhs (including GST). Further, the Committee also recommended for an extension of the timeline by two (02) months, up to 28<sup>th</sup> February 2026, for peer review of the Geological Report (GR) and its subsequent submission. Revised project cost of ₹125.78/- lakhs (including GST) and timeline extension up to 28<sup>th</sup> February 2026 was approved in 4<sup>th</sup> PSC held on 13<sup>th</sup> January 2026.
- d) In 22<sup>nd</sup> meeting of TCC-II held on 4<sup>th</sup> & 5<sup>th</sup> January 2026, the agency informed that all work components of the approved scope have been completed. It was also stated that the peer review of the final Geological Report (GR) has been carried out. Accordingly, the agency requested permission for submission of the final GR. Also, as drilling was not undertaken in the project due to low Cu and FC values, the agency requested a revision of the project cost.
- e) The Committee evaluated the proposed revised cost of ₹45.36/- lakhs (including GST) and recommended the same for approval by the PSC. It also recommended a timeline extension of 2 months, up to 30<sup>th</sup> April 2026, for submission of the Final Geological Report (GR).

#### **Recommendation TCC-II**

- i. The Committee recommended the proposal for approval by the PSC for revised cost of ₹45.36/- lakh (including GST), as against the revised cost of ₹125.78/- lakh (including GST) approved in the 4th PSC, since drilling was not undertaken in the project due to low Cu and FC values in trench & surface samples.*
- ii. Timeline extension of 2 months, up to 30th April 2026, for submission of the Final Geological Report (GR).*



**Estimated cost for Reconnaissance Survey for Copper Ore & associated mineralization (G-4 stage) Kubri- Kochipur, District-Sidhi,  
Madhya Pradesh  
(Total Block area 90 sq.km (approx.), completion time- 12 months, Review-06 month)  
Implementing Agency: CMPDI**

Sl. No	Item Work	Item no in SoC	Unit	Rates as per SoC of NMET	Qty.	Amount (Rs) In Lakh	Additional Amount in Rs.	Qty.	Revised cost Amount (Rs) In Lakh	Remarks
<b>A</b>	<b>GEOLOGICAL WORK- Geological mapping 1: 12,500</b>									
1a	Geological Party days (1 party) Field	1.2	Day	11000	120	1320000		100	1100000	100 days for Geological Mapping
1b	Geological Party days (1 party) HQ	1.2	Day	9000	40	360000		40	360000	
1c	2 labours/ party (Rs 522/day/labour), As per rates of Central labour Commission)	5.7	Day	522	240	125280		200	104400	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
	<b>Sub Total A</b>					<b>1805280</b>			<b>1564400</b>	
<b>B</b>	<b>Drilling &amp; Sampling- after Review</b>									
2a	Core drilling (Outsourced)- Hardrock	2.2.1.4a	per meter	11500	400	4600000			0	460000
2b	Sampling - 1 sampler without Labour	1.5.2	Day	5100	40	204000		30	153000	

2c	4 labours/ party (Rs 522/day/labour, As per rates of Central labour Commission)	5.7	Day	522	160	83520		120	62640	
	<b>Sub Total B</b>					<b>4887520</b>			<b>215640</b>	
<b>C</b>	<b>SURVEY WORK</b>									
3a	Survey Party days (1 party) without Labour for contouring of mineralized zone	1.6.1a	Day	8300	0	0		0	0	
3b	4 labours/ party (Rs 522/day/labour), As per rates of Central labour Commission	5.7	Day	2088	0	0		0	0	
3c	Fixation of block boundary & borehole by DGPS	1.6.2	Per point	19200	4	76800		0	0	only BH points
3d	Core Preservation	5.3	per m	1590	150	238500		0	0	
	<b>Sub Total C</b>					<b>315300</b>			<b>0</b>	
<b>D</b>	<b>PITTING- TRENCHING</b>									
4a	Pitting (1mx 1m x1m)- 40 no	2.1.2	Cu m	3800	40	152000		40	152000	
4b	Trenching (1mx 1m x5m)- 8 no	2.1.1	Cu m	3330	40	133200		40	133200	
	<b>Sub Total D</b>					<b>285200</b>			<b>285200</b>	
<b>E</b>	<b>Laboratory Studies</b>									
	<b>Chemical Analysis/ ICPS Studies</b>									
<b>I</b>	<b>BRS Samples</b>									
7a	Primary Sample for 5 radicals (Cu, Pb, Co, Cr & Ni)	4.1.7a	Per sample	2506	0	0		0	0	
7b	Internal (5%) & External (10%) Check samples of 5 radicals	4.1.7a	Per sample	2506	0	0		0	0	

7c	Analysis of Gold by Fire assay	4.1.5a	Per sample	2380	15	35700		4	9520	
7d	Whole rock analysis of Major Oxides	4.1.15a	Per sample	4200	15	63000		15	63000	
7e	ICP-MS studies for REE (34 element)- i.e. (Cu, Pb, Co, Cr & Ni &REE)	4.1.14	Per sample	7731	100	773100		91	703521	
	External 10%	4.1.14	Per sample	7731	10	77310		9	69579	
7f	Proximate Analysis for Graphite	4.1.16	Per sample	3000	25	75000		23	69000	
<b>II</b>	<b><i>Pit/Trench Sample</i></b>									
7g	ICP-MS studies for REE (34 element)- i.e. (Cu, Pb, Co, Cr & Ni &REE)	4.1.14	Per sample	7731	40	309240		31	239661	
7h	External (10%) Check samples	4.1.7a	Per sample	7731	4	30924		3	23193	
7i	Analysis of Gold by Fire assay	4.1.5a	Per sample	2380	12	28560		12	28560	
7j	Whole rock analysis of Major Oxides	4.1.15a	Per sample	4200	0	0		0	0	
7k	Proximate Analysis for Graphite	4.1.16	Per sample	3000	40	120000	<b>45000</b>	40	120000	Approved qty 25 samples, additional approval required 15 samples
<b>III</b>	<b><i>Soil/Stream Sediment</i></b>									
7h	Primary Sample for 5 radicals (Cu, Pb, Zn, Cr & Ni)	4.1.7a	Per sample	2506	0	0		0	0	



	<b>Sub Total F</b>				<b>172945</b>			<b>172945</b>	
<b>G</b>	<b>TOTAL COST (A+B+C+D+E+F+G)</b>				<b>9418043</b>			<b>3564219</b>	
<b>H</b>	<b>Miscellaneous Charges</b>								
9a	Tendering Process cost (2% of project cost)	2.3			92000			<b>0</b>	
9b	Operation Cost	6.0	i		460000			<b>0</b>	
9c	Preparation of Exploration Proposal (2% of approved Project cost or 5 lakh whichever is lower)	5.1	lump sum		188361	1	1	71284	
9d	Geological Report Preparation (1.5 lakh or 5% of total work value whichever is more)	5.2		ii	470902	1	1	178211	
9e	Peer Review Charges			30000	30000	1	1	30000	
	<b>Total H</b>				<b>1241263</b>			<b>279495</b>	
<b>I</b>	<b>TOTAL COST G+H</b>				<b>10659306</b>	<b>51585</b>		<b>3843714</b>	
J	GST (@18%)				<b>1918675</b>	<b>9285</b>		<b>691869</b>	
<b>K</b>	<b>Grand Total</b>				<b>12577981</b>	<b>60870</b>		<b>4535583</b>	
<b>L</b>	<b>Rs. In Lacs</b>				<b>125.78</b>	<b>0.61</b>		<b>45.36</b>	
<b>Note:</b>									
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.								
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.								
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMET SoC and Item no. 6 of NMET SoC. In								
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.								
5	Any item of work not mentioned above shall be added as per SoC.								
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.								

**Agenda 26.1.2 Reconnaissance Survey (G-4) for Bauxite, Ga, V, Ti & REE in Nadapa area Kachchh District, Gujarat.**

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

- a) The project was recommended in 4<sup>th</sup> meeting of TCC-II held on 26<sup>th</sup> and 27<sup>th</sup> December 2024 and approved in the 39<sup>th</sup> EC Meeting held on 24<sup>th</sup> January 2025. The Sanction Order was issued on 10<sup>th</sup> February 2025 for scheduled timeline of 10 months up to 9<sup>th</sup> December 2025 with an approved cost of ₹ 53.73/- Lakh (including GST).
- b) The project was reviewed in 9<sup>th</sup> meeting of TCC-II held on 29<sup>th</sup> & 30<sup>th</sup> May 2025. During the 9<sup>th</sup> TCC-II meeting, the agency briefed the Committee on the progress of work in the project and stated that the REE values obtained from chemical analysis were not encouraging. Subsequently, TCC-II advised the agency to complete the project within the stipulated timeline.
- c) The project was also reviewed during the 23<sup>rd</sup> TCC-II meeting held on 16<sup>th</sup> & 17<sup>th</sup> February 2026 & 24<sup>th</sup> TCC-II meeting held on 2<sup>nd</sup> & 3<sup>rd</sup> March 2026.
- d) M/s Critical Mineral Trackers informed that all work components have been completed, except for the drilling work, which was not undertaken due to low REE values. It was further stated that the peer review of the final Geological Report (GR) has been carried out and all corrections/modifications suggested by the peer reviewer have been incorporated in the final geological report. The agency also requested a timeline extension of 2 months, up to 30<sup>th</sup> April 2026, for submission of the GR.
- e) The committee evaluated the proposed revised cost sheet of the project as the drilling work was not undertaken due to low REE values and recommended the same for approval of PSC. Further, a timeline extension of 2 months, up to 30<sup>th</sup> April 2026, for submission of the GR was also recommended.

**Recommendation TCC-II**

- i. The Committee recommended the proposal for approval by the PSC for revised cost of ₹35.41/- lakh (including GST), against the initial approved cost of ₹53.73/- lakh (including GST), since drilling was not undertaken in the project due to low REE values obtained from chemical analysis.*
- ii. Timeline extension of 2 months, up to 30<sup>th</sup> April 2026, for submission of the Final Geological Report (GR).*



**Estimated cost of Reconnaissance Survey (G4) for Bauxite, Ga, V, Ti & REE in Nadapa Area Kachchh Gujarat.**  
**Total Area -6.20 sq.km; Completion Time -10 months, Review: 4 months**  
**Exploration Agency – Critical Mineral Trackers, Hyderabad**

S.No	Item of Work	Unit	Rates as per NMET SoC		Estimated Cost of the Proposal		Achieved quantum & Expenditure incurred			Remarks
			SoC-Item-SI No.	Rates as per SOC	Qtm	Total Amount (Rs)	Quantity	Rate	Amount	
<b>A</b>	<b>Geological Work</b>									
1	Geological Mapping (1:25,000) & sampling – Geologist field-days	6.20	1.2	11000	160	17,60,000	130	11,000	14,30,000	30 days for drilling
2	Geologists (HQ)days, pre & post field interpretation 15 +20 days	One Geologist Per Day	1.2	9000	35	3,15,000	30	9,000	2,70,000	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	3,800	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	3,300	1,65,000	50 cu. m
5	sampler	45 days	1.5.2	5100	23	1,17,300	15	5,100	76,500	man days
6	Labour(2labour) attached to sampler	90 labour days	1.5.2	526	92	48,392	60	526	31,560	labour days
7	Labour (100Field days) per team:2 workers: 100*4 for two geologist team	Per Team of 2 Geologists (2*2=4)	5.7	526	320	1,68,320	260	526	1,36,760	labour days

		Labour/Field workers								
	<b>Sub-Total -A</b>					<b>26,50,012</b>			<b>21,85,820</b>	
<b>B</b>	<b>Survey Work:</b>									
1	Surveyor: Fixation & connection of boundary points (4nos),4 BH by Total station/DGPS	One surveyor	1.6.2	19,200	8	1,53,600	4	19,200	76,800	4 boundary points
	<b>Sub-total-B</b>					<b>1,53,600</b>			<b>76,800</b>	
<b>C</b>	<b>Core Drilling</b>									
1	Scout drilling(coring) :4 points (each 30m deep) 4*30	Per meter	2.2.1.1b	7,168	120	8,60,160				TCC Advised not to go for drilling
2	Construction of BH pillar (12*12*30)	Per pillar	2.2.2a	2000	0	0	0	0	0	4 pillars
3	**Mob & demob drilling machine & inner BH shifting	Per shifting	lumpsum		0	0	0	0	0	lumpsum
4	Compensation for 4 Bhs		5.6		0	0	0	0	0	4 Bhs
5	Drill core preservation in GI boxes	Per meter	5.3	1590	120	1,90,800	0	0	0	120m core
	<b>Subtotal-C</b>					<b>10,50,960</b>			<b>0</b>	
<b>D</b>	<b>Laboratory Studies</b>									
1	Trench Samples (5*5=25nos):by AAS method	First five radicals+2	4.1.7a &7b	4181	0	0	0	0	0	90 samples
2	Pitting Sample: (20*1=20nos)-AAS method	First five radicals+2	4.1.7a &7b	4181	0	0				60 samples
3	Core drilling Samples-4*60=240 Total depth 30m each, samples will be collected at every 0.5m interval. AAS method	First five radicals+2	4.1.7a &7b	4181	0	0	0	0	0	TCC Advised not to go for drilling in the 9th TCC on 29th May 2025
4	XRF-Major oxides		4.1.15a	4200	143	6,00,600	90	4,200	3,78,000	Trench-70, pit-20, Bh-40(130+13

5	Analysis for REE(14 elements/radicals) by ICP-MS	14 elements/radicals	4.1.13	5380	36	1,93,680	15	5,380	80,700	33+3check
6	Combined determination of THA, MHA and Reactive silica		4.1.17a	6700	4	26,800	1	6,700	6,700	1 sample
7	Preparation of polished thin section	Per sample	4.3.2	1549	10	15,490	3	3,080	9,240	10 sections have been analysed based on the GSI, SR lab rates 10 sections have been analysed based on the GSI, SR lab rates
8	Complete petrographic/ore microscopic/mineragraphic studies	per sample	4.3.4	4232	10	42,320				
9	XRD analysis for identification of minerals(random)	Per sample	4.5.1	4000	4	16,000	3	4,000	12,000	4 samples
11	Check samples Major oxides by XRF	9	4.1.15a	4200			9	1,500	13,500	
12	Check samples REE (14 elements by ICPMS)	1	4.1.13	5380			1	2,500	2,500	
	<b>Sub-total-D</b>					<b>2,51,970</b>			<b>5,02,640</b>	
<b>E</b>	<b>Surface Geophysical Survey</b>		<b>Not recommended</b>							
1	Electrical resistivity	Per Station								
2	gravity surveys	Per station								
3	Geo Physicist Man days (Field Man-days)									
4	Geo Physicist Man days (HQ)									
	<b>Sub-total-E</b>									
	TOTAL (A+B+C+D)					<b>41,06,542</b>			<b>27,65,260</b>	
<b>F</b>	<b>Preparation of Exploration Proposal</b>				2% of the project cost subject to a					
	(5 Hard copies with a soft copy)		5.1			82,131			55,305	2% of the Project cost.

				maximum of 5 lakhs					
G	<b>Geological Report</b>								
	(5 Hard copies with a soft copy)		5.2	5% of the Project cost	2,05,327			1,50,000	Reconnaissance Survey up to ₹50 lakh: Minimum ₹1.50 lakh or 5% of the total value of work whichever is more.
	operational charges		6.0		86,016			0	
	Tender process cost		2.3		43,008			0	
	peer review				30,000			30,000	
	Additional Copy			1000	0				
	<b>Project Cost without GST</b>				<b>45,53,024</b>			<b>30,00,565</b>	
	18% GST				<b>8,19,544</b>			<b>5,40,102</b>	
	<b>Total Project Cost</b>				<b>53,72,568</b>			<b>35,40,667</b>	
	<b>Rs. In Lakhs</b>				<b>53.73</b>			<b>35.41</b>	
<b>Note:</b>									
<b>1</b>	Strict adherence to the ministry of finance's and GFR guidelines is mandatory. every transaction must adhere to GFR rule-21								
<b>2</b>	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								
<b>3</b>	If any of the project is outsourced, the amount will be reimbursed as per the paragraph 3 of NMET SoC and item no:6 of NMET SoC In case of execution of the project by NEA on its own, a certificate regarding non-outsourcing of any component/project is required								
<b>4</b>	Necessary efforts should be made to minimise any adverse impact on the environment during exploration activities								
<b>5</b>	Any item of work not mentioned above shall be added as per SoC								
<b>6</b>	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency								

**Agenda 26.1.3 Reconnaissance Survey (G4) for Bauxite, Ga, V, Ti & REE in Reldi Moti area Kachchh District, Gujarat.**

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

- a) The project was recommended in 4<sup>th</sup> meeting of TCC-II held on 26<sup>th</sup> and 27<sup>th</sup> December 2024 and approved in the 39<sup>th</sup> EC Meeting held on 24<sup>th</sup> January 2025. The Sanction Order was issued on 10<sup>th</sup> February 2025 for scheduled timeline of 10 months up to 9<sup>th</sup> December 2025 with approved cost of ₹ 54.94/- Lakh (including GST). The project was reviewed in 9<sup>th</sup> meeting of TCC-II held on 29<sup>th</sup> & 30<sup>th</sup> May 2025. In that meeting the committee recommended a 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 43<sup>rd</sup> meeting of EC held on 14<sup>th</sup> August 2025. During the project review in 23<sup>rd</sup> TCC-II meeting held on 16<sup>th</sup> and 17<sup>th</sup> February 2026 the committee recommended timeline extension up to 31<sup>st</sup> March 2026 for GR submission.
- b) The project was further reviewed during the 25<sup>th</sup> TCC-II meeting held on 17<sup>th</sup> and 18<sup>th</sup> March 2026, wherein the Committee recommended the proposal for a revised cost of ₹71.54 lakh (including GST) as against the approved cost of ₹68.82 lakh (including GST), in view of changes in the quantum of approved work such as approach road construction, drill core preservation, sample analysis, etc. The Committee also recommended a timeline extension of three (03) months, up to 31<sup>st</sup> March 2026, for submission of the Geological Report (GR). Further, the Committee advised undertaking characterization of TREE, along with analysis of the enrichment/depletion of Sc in relation to Na, K, and Ca based on drill core sample chemistry; conducting thin-section studies of REE mineral phases in enriched zones; and providing a detailed discussion in the final Geological Report on the variation of TREE and other critical mineral contents, their controlling factors with respect to the chemical environment, and identification of potential new prospective areas.
- c) The Agency requested approval for submission of final geological report (GR) for Peer Review.
- d) TCC-II advised the agency to incorporate the Committee's recommendations made during the 25<sup>th</sup> TCC-II meeting and thereafter submit the final Geological Report (GR) for peer review. Further, a timeline extension of 2 months, up to 31<sup>st</sup> May 2026, for submission of the GR was also recommended.

**Recommendation TCC-II**

- I. The Committee recommended the proposal for approval by the PSC for "timeline extension of 2 months, up to 31<sup>st</sup> May 2026, for Peer Review & submission of the final GR.***
- II. The committee advised the agency to incorporate the Committee's recommendations made during the 25<sup>th</sup> TCC-II meeting and thereafter submit the final Geological Report (GR) for peer review.***

**Agenda 26.1.4 Reconnaissance Survey (G-4) for Bauxite, Ga, V, Ti & REE in Lakhond area, Kachchh District, Gujarat.**

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

- a) The project was recommended in 4<sup>th</sup> meeting of TCC-II held on 26<sup>th</sup> and 27<sup>th</sup> December 2024 and approved in the 39<sup>th</sup> EC Meeting held on 24<sup>th</sup> January 2025. The Sanction Order was issued on 10<sup>th</sup> February 2025 for scheduled timeline of 10 months up to 9<sup>th</sup> December 2025 with approved cost of ₹ 60.01/- Lakh (including GST). The project was reviewed in 9<sup>th</sup> meeting of TCC-II held on 29<sup>th</sup> & 30<sup>th</sup> 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 43<sup>rd</sup> meeting of EC held on 14<sup>th</sup> August 2025. During the project review in 23<sup>rd</sup> TCC-II meeting held on 16<sup>th</sup> and 17<sup>th</sup> February 2026 the committee recommended timeline extension up to 31<sup>st</sup> March 2026 for GR submission.
- b) The project was further reviewed during the 25<sup>th</sup> TCC-II meeting held on 17<sup>th</sup> and 18<sup>th</sup> March 2026, wherein the Committee recommended the proposal for revised cost ₹62.55 Lakh (including GST) against the approved cost of ₹68.76 Lakh (including GST), due to incomplete drilling (11m drilled against approved 30m) in 4<sup>th</sup> borehole caused by complete water loss & timeline extension of 3 months up to 31<sup>st</sup> March 2026 for GR submission. Further, the Committee advised undertaking characterization of TREE, along with analysis of the enrichment/depletion of Sc in relation to Na, K, and Ca based on drill core sample chemistry; conducting thin-section studies of REE mineral phases in enriched zones; and providing a detailed discussion in the final Geological Report on the variation of TREE and other critical mineral contents, their controlling factors with respect to the chemical environment, and identification of potential new prospective areas.
- c) The Agency requested approval for submission of final geological report (GR) for Peer Review.
- d) TCC-II advised the agency to incorporate the Committee's recommendations made during the 25<sup>th</sup> TCC-II meeting and thereafter submit the final Geological Report (GR) for peer review. Further, a timeline extension of 2 months, up to 31<sup>st</sup> May 2026, for submission of the GR was also recommended.

**Recommendation TCC-II**

- I. The Committee recommended the proposal for approval by the PSC for "timeline extension of 2 months, up to 31<sup>st</sup> May 2026, for Peer Review & submission of the final GR.***
- II. The committee advised the agency to incorporate the Committee's recommendations made during the 25<sup>th</sup> TCC-II meeting and thereafter submit the final Geological Report (GR) for peer review.***



**Agenda 26.1.5 Preliminary Exploration (G-3) for Manganese and Associated Minerals in Kankura Block, West Singhbhum District, Jharkhand.**  
**[Implementing Agency: M/s Natural Resources Division-Tata Steel Limited]**

- a) The project was recommended by 5<sup>th</sup> TCC-II held on 27<sup>th</sup>, 28<sup>th</sup> and 29<sup>th</sup> January 2025 and approved in 40<sup>th</sup> EC meeting held on 21<sup>st</sup> February 2025 with an approved cost of ₹ 395.78/- Lakh (including GST) for scheduled timeline of 15 months up to 26<sup>th</sup> June 2026.
- b) The project was reviewed during the 11<sup>th</sup> meeting of TCC-II held on 23<sup>rd</sup>, 24<sup>th</sup>, 25<sup>th</sup> & 30<sup>th</sup> July 2025, wherein the committee advised geophysical survey in the central part of the area in 2<sup>nd</sup> phase of the project.
- c) M/s NRD Tata Steel Limited informed that the geological mapping and geophysical survey work have been completed. They further requested the commencement of drilling activities and proposed a plan for 22 boreholes at a grid interval of 200 m × 200 m.
- d) TCC-II opined that drilling may be initiated in areas where geophysical anomalies are supported by surface indications of mineralization. It was recommended that drilling be carried out in the first phase through ten (10) boreholes, each with an average depth of 100 m. Further drilling will be planned based on the results of these initial boreholes. Geological reports of adjacent areas should be referred to, and structural controls on mineralization must be carefully examined and documented. The project should be reviewed after the completion and analysis of results from five (05) boreholes.

**Recommendation TCC-II**

***The Committee recommended that drilling be initiated in ten (10) boreholes in areas where geophysical anomalies are supported by surface indications of mineralization. It further advised that the project be reviewed after completion and analysis of results from five (05) boreholes***

**Agenda 26.1.6 Reconnaissance Survey (G-4) for mineral-Rock Phosphate in Randha, Jaisalmer district, Rajasthan.**  
**[Implementing Agency: FCI Aravali Gypsum and Minerals India Limited (FAGMIL)]**

- a) The project was recommended during the 65<sup>th</sup> TCC meeting held on 28<sup>th</sup>, 30<sup>th</sup> & 31<sup>st</sup> May 2024, and subsequently approved in the 36<sup>th</sup> EC meeting held on 29<sup>th</sup> July 2024, with a sanctioned cost of ₹137.44 lakh (inclusive of GST) for a scheduled duration of 12 months, up to 12<sup>th</sup> September 2025. Sanction Order was issued on 13<sup>th</sup> September 2024. The project was reviewed during 7<sup>th</sup> Meeting of TCC-II held on 24<sup>th</sup> & 25<sup>th</sup> March 2025.
- b) Further, the project was reviewed again during 13<sup>th</sup> Meeting of TCC-II held on 22<sup>nd</sup>, 23<sup>rd</sup> & 24<sup>th</sup> September 2025, wherein the committee recommended commencement of drilling in two test boreholes BH1 & BH2 and recommended

the proposal for approval of PSC for timeline extension of 4 months up to 13<sup>th</sup> January 2026 for final GR submission. Subsequently the proposed timeline extension was approved in 2<sup>nd</sup> PSC meeting held on 4<sup>th</sup> November 2025.

- c) The project was again reviewed in 22<sup>nd</sup> TCC-II meeting held on 4<sup>th</sup> and 5<sup>th</sup> February 2026. During the 6<sup>th</sup> PSC meeting held on 2<sup>nd</sup> March 2026, NMEDT brought to notice that the peer review of the final Geological Report (GR) had not been carried out in accordance with the guidelines of NMEDT. PSC advised that the report be scrutinised by the NMEDT approved Peer Reviewer and extended the timeline for three (3) months up to 15<sup>th</sup> May 2026, for the same.
- d) Subsequently, during the review in 24<sup>th</sup> meeting of TCC-II held on 2<sup>nd</sup> and 3<sup>rd</sup> March 2026, the committee asked the Agency for conducting Peer Review and submission of the final geological report in accordance with the guidelines of NMEDT.
- e) FAGMIL informed that the peer review of the final Geological Report (GR) has been completed, and all suggested corrections/modifications have been duly incorporated. The agency has accordingly requested approval for submission of the GR.
- f) Considering the above the TCC-II agreed for submission of final GR.

#### **Recommendation TCC-II**

***The Committee agreed for submission of the final Geological Report within the extended timeline up to 15<sup>th</sup> May 2026.***

#### **Agenda 26.1.7 Reconnaissance survey (G-4) for REE in Jasai-Para area, District: Barmer, Rajasthan.**

**[Implementing Agency: FCI Aravali Gypsum and Minerals India Limited (FAGMIL)]**

- a) The project was recommended during the 7<sup>th</sup> TCC-II meeting held on 24<sup>th</sup> and 25<sup>th</sup> March 2025 and subsequently approved in the 42<sup>nd</sup> EC meeting held on 2<sup>nd</sup> June 2025. The Sanction Order was issued on 23<sup>rd</sup> June 2025 with scheduled timeline of 10 months up to 22<sup>nd</sup> April 2026 with an estimated cost of ₹59.60/- Lakh (including GST).
- b) FAGMIL informed that geological mapping of 128 sq. km. area on 1:12,500 scale along with trenching, sampling and chemical analysis have been done. The concentration of tREE ranges from 144.82 ppm to 1260.09 ppm as determined by ICP-MS analysis, and from 150.9 ppm to 865.5 ppm as determined by XRF analysis.
- c) The agency requested a one (01) month extension of the timeline up to 31<sup>st</sup> May 2026 for completion of the peer review and submission of the Geological Report (GR).
- d) The TCC-II advised that the final Geological Report (GR) be prepared and submitted for peer review and approved one (01) month extension of the timeline up to 31<sup>st</sup> May 2026 for completion of the peer review and submission of the Geological Report (GR).

**Recommendation TCC-II**

***The TCC-II advice that the final Geological Report (GR) be prepared and submitted for peer review. It also approved an extension of one (01) month in the timeline up to 31<sup>st</sup> May 2026 for completion of the peer review process and subsequent submission of the GR.***

**Agenda 26.1.8 Reconnaissance Survey (G-4) 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 6<sup>th</sup> meeting of TCC-II held on 27<sup>th</sup> and 28<sup>th</sup> February, 2025 & 6<sup>th</sup> March 2025 and subsequently approved in 41<sup>st</sup> EC meeting held on 11<sup>th</sup> March 2025. The Sanction Order was issued on 19<sup>th</sup> March 2025 with scheduled timeline of 10 months up to 18<sup>th</sup> January 2026 with an estimated cost of ₹107.98/- Lakh (including GST). Project review was scheduled after 5 months. The project was reviewed in 22<sup>nd</sup> TCC-II meeting held on 4<sup>th</sup> & 5<sup>th</sup> February 2026, wherein the Committee recommended for timeline extension of 3 months up to 17<sup>th</sup> April 2026 and it was approved in 6<sup>th</sup> PSC meeting held on 2<sup>nd</sup> March 2026.
- b) During the review of the project in 25<sup>th</sup> TCC-II meeting held on 17<sup>th</sup> and 18<sup>th</sup> March 2026 the Agency informed about the pendency of complete analytical results and requested timeline extension of 2 months up to 17<sup>th</sup> June 2026. Subsequently, the Committee has recommended the proposal of timeline extension for approval of PSC for 2 months up to 17<sup>th</sup> June 2026. The proposed timeline extension up to 17<sup>th</sup> June 2026 was approved in 7<sup>th</sup> PSC meeting held on 27<sup>th</sup> March 2027.
- c) Further, the TCC-II evaluated the proposed revised cost of ₹76.95 lakhs (including GST). In view of the unencouraging results from the BRS samples and pit samples, the Committee recommended for pre-closure of the project. The Committee also advised the agency to submit the Geological Report (GR).

**Recommendation TCC-II**

***The Committee recommended the proposal for approval by the PSC for a revised cost of ₹76.95 lakh (including GST) against the approved cost of ₹107.98 lakh (including GST). Due to unencouraging results from BRS and pit samples, pre-closure of the project was advised, along with submission of the Geological Report (GR).***

**Cost Estimate of Reconnaissance Survey (G-4) For Polymetals in Amritpur area, Districts- Nainital, State- Uttarakhand**  
**Total Area - 25.77 sq. km; Completion Time -10 Months, Review after 5th Month**  
**Implementing Agency: MECL**

S.N	Item of Work	Unit	Rates as per NMET SoC 2020-21		Rate@3.35 times for Himalya region	Estimated Cost of the Proposal		Revised Cost of the Proposal		Remarks
			SoC-Item -Sl No.	Rates as per SoC		Qty.	Total Amount (Rs)	Qty.	Total Amount (Rs)	
<b>A</b>	<b>GEOLOGICAL WORK</b>									
a	Charges for Geologist at field for large scale mapping (1: 12,500), Surface sampling and drilling	day	1.2	11,000	36,850	120	44,22,000	100	36,85,000	
b	Labour Charges for Geologist;	day	5.7	526	1,762	240	4,22,904	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
c	Charges for Sampler for geochemical, channel samples	one sampler per day	1.5.2	5,100	17,085	32	5,46,720	24	4,10,040	
d	Labour Charges for Sampling Work; Base rate - Rs. 526/ per day	day	5.7	526	1,762	128	2,25,549	96	1,69,162	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or

										respective State Govt. whichever is higher
	<b>Sub-Total A</b>						<b>56,17,173</b>		<b>46,16,622</b>	
<b>B</b>	<b>PITTING AND TRENCHING</b>									
a	Excavation of Trenches up to 2.0 m depth	Cu m	2.1.1	3,330	11,156	100	<b>11,15,550</b>	-	-	
<b>C</b>	<b>Sub Total A to B</b>						<b>67,32,723</b>		<b>46,16,622</b>	
<b>D</b>	Charges for Geologist at HQ for data processing + Remote Sensing Studies	day	1.3	9,000		60	5,40,000	45	<b>4,05,000</b>	Remote Sensing Studies processing Hyperspectral Images
<b>E</b>	<b>LABORATORY STUDIES</b>									
<b>1</b>	<b><u>Chemical Analysis</u></b>									
<b>i)</b>	<b>Primary Samples Surface (BR)+Trench</b>									
<b>a)</b>	Rapid Geochemical Analysis by AAS method: Cu-Pb-Zn-Ag	Nos	4.1.7a	2,506		150	3,75,900	100	2,50,600	
<b>b)</b>	Gold Analysis by Fire-assay: Au	Nos	4.1.5a	2,380		10	23,800	10	23,800	
<b>c)</b>	IC-PMS; 34 Elemental Study - As, Sb, Mo, Co, Ni, Sn, Hf, Nb, Ta, Ge, W, Ti, Zr, Cs, Y, Rb, Sr, Sc, Y and REEs: La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu.	Nos	4.1.14	7,731		50	3,86,550	42	3,24,702	

d)	SiO <sub>2</sub> %, Al <sub>2</sub> O <sub>3</sub> %, Fe <sub>2</sub> O <sub>3</sub> %, MnO%, MgO%, CaO%, Na <sub>2</sub> O%, K <sub>2</sub> O%, P <sub>2</sub> O <sub>5</sub> %, TiO <sub>2</sub> %, SO <sub>3</sub> %, & LOI% by XRF	Nos	4.1.15a	4,200		20	84,000	20	84,000
ii)	<b>External check samples (10%)</b>								-
a)	External Check Sample (10 % of Primary samples) for analysis by AAS method: Cu-Pb-Zn-Ag	Nos	4.1.14	2,506		15	37,590	10	25,060
b)	External Check Sample (10 % of Primary samples) for analysis by Gold Analysis by Fire-assay of Au	Nos	4.1.7a	2,380		1	2,380	1	2,380
c)	External Check Sample (10 % of Primary samples) for analysis by IC-PMS; 34 Elemental Study	Nos	4.1.14	7,731		5	38,655	4	32,470
d)	External Check Sample (10 % of Primary samples) for analysis by SiO <sub>2</sub> %, Al <sub>2</sub> O <sub>3</sub> %, Fe <sub>2</sub> O <sub>3</sub> %, MnO%, MgO%, CaO%, Na <sub>2</sub> O%, K <sub>2</sub> O%, P <sub>2</sub> O <sub>5</sub> %, TiO <sub>2</sub> %, SO <sub>3</sub> %, & LOI% by XRF	Nos	4.1.15a	4,200		2	8,400	2	8,400
<b>2</b>	<b>Physical &amp; Petrological Studies</b>								
i)	Preparation of thin section	Nos	4.3.1	2,353		10	23,530	10	23,530
ii)	Complete petrographic study report	Nos	4.3.4	4,232		10	42,320	10	42,320
iii)	Preparation of polish section	Nos	4.3.2	1,549		10	15,490	10	15,490
iv)	Complete mineragraphic study report	Nos	4.3.4	4,232		20	84,640	20	84,640
v)	Digital Photographs	Nos	4.3.7	280		10	2,800	10	2,800

vi)	XRD Study	Nos	4.5.1	4,000		10	40,000	10	40,000	
	EPMA study of the Sulphide phases and PGEs (03 Samples)	Nos	4.4.1	8,500		10	85,000	10	85,000	
	<b>Sub-Total -E</b>						<b>12,51,055</b>		<b>10,45,192</b>	
<b>F</b>	<b>Total C+D+E</b>						<b>85,23,778</b>		<b>60,66,814</b>	
<b>H</b>	<b>Geological Report Preparation</b>	<b>5 Hard copies with a soft copy</b>	<b>5.2</b>	For the projects having cost exceeding Rs 50 Lakh, but less than 150 lakh. A minimum of Rs 2.5 Lakh or 5% of the work whichever more and Rs 30000/- per each additional copy			<b>4,26,189</b>		<b>3,03,341</b>	EA has to submit the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMET.
<b>I</b>	<b>Peer review Charges</b>		<b>As per EC decision</b>				<b>30,000</b>		<b>30,000</b>	
<b>J</b>	<b>Preparation of Exploration Proposal (5 Hard copies with a soft copy)</b>	<b>5 Hard copies with a soft copy</b>	<b>5.1</b>	<b>2% of the Cost or Rs. 5.00 Lakhs whichever is lower</b>			<b>1,70,476</b>		<b>1,21,336</b>	
<b>K</b>	<b>Total Estimated Cost without GST</b>						<b>91,50,442</b>		<b>65,21,491</b>	

<b>L</b>	<b>Provision for GST (18% of L)</b>	<b>%</b>					<b>16,47,080</b>		<b>11,73,868</b>	GST will be reimbursed as per actual and as per notified prescribed rate
<b>M</b>	<b>Total Estimated Cost with GST</b>						<b>1,07,97,522</b>		<b>76,95,359</b>	
<i>or Say Rs., In Lakhs:</i>							<b>107.98</b>		<b>76.95</b>	
<b>Note:</b>										
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.									
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.									
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMET SoC and Item no. 6 of NMET SoC. In									
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.									
5	Any item of work not mentioned above shall be added as per SoC.									
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.									

**Agenda 26.1.9 Reconnaissance Survey (G-4) for Gold and Associated Minerals in  
Parma area (133.00 Sq.km) Singrauli District, Madhya Pradesh.  
[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]**

- a) The project was recommended in 6<sup>th</sup> TCC-II meeting held on 27<sup>th</sup>, 28<sup>th</sup> February 2025 & 6<sup>th</sup> March 2025 and approved in the 41<sup>st</sup> EC Meeting held on 11<sup>th</sup> March 2025. The sanction order was issued on 19<sup>th</sup> March 2025 with timeline of 10 months up to 18<sup>th</sup> January 2026 with an approved cost of ₹187.29/- Lakh (including GST).
- b) During the review of the project in 25<sup>th</sup> TCC-II meeting held on 17<sup>th</sup> and 18<sup>th</sup> March 2026, the Committee deferred the review of the proposal to the next TCC-II meeting, and the Agency was advised to prepare the geological map with all structural data of the project area for review.
- c) MECL informed that a total of 231 Bed Rock Samples (BRS) were collected. Among these, a maximum PGE value of 411.16 ppb was obtained from 20 samples, a maximum Au value of 147.17 ppb from 105 samples, and from 86 samples, maximum values recorded were Ni – 1083 ppm, Cr – 1809 ppm, Cu – 995.75 ppm, and Ti – 1.56%. Based on these results, two target areas have been delineated for further work, namely Area-I (9 sq. km) in the northeastern part and Area-II (2.5 sq. km) in the southern part. The agency further requested commencement of Geophysical Survey work and timeline extension of 6 months up to 30<sup>th</sup> September 2026.
- d) The TCC-II advised that the geological map be improved by presenting the legend in accordance with the stratigraphy. Based on the results of the chemical analysis presented it is seen that the Gold values are not encouraging and PGE values are good, therefore it was decided to stop further Gold analysis and to recommend conducting additional ICPMS analysis for PGE from 40 nos. of channel samples and discontinuing further gold analysis. The committee agreed for initiation of Geophysical Survey work.

**Recommendation TCC-II**

- i. ***The Committee recommended the proposal for approval by the PSC for “Revised cost of ₹ 186.58/- lakh (including GST), against the initial approved cost of ₹187.29/- lakh (including GST), due to additional ICPMS analysis for PGE from 40 nos. of channel samples and discontinuing further gold analysis”.***
- ii. ***Timeline extension of 6 months up to 30<sup>th</sup> September 2026 for project completion & submission of final GR.***

**Estimated Cost of Reconnaissance Survey (G-4 Stage Exploration) for Gold & associated minerals in Parma Block, District: Singrauli, State: Madhya Pradesh**

**Total Area - 133.00 sq. km; Scout Boreholes: 5 Nos, Average Depth: 80 m Completion Time -10 Months**

**Implementing Agency: MECL**

S.N	Item of Work	Unit	Rates as per NMET 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)	
<b>A</b>	<b>GEOLOGICAL WORK</b>								
a	Charges for Geologist at HQ for data processing and GR	day	1.3	9,000	60	5,40,000	60	5,40,000	60 days-HQ- data processing & 20 days- Remote sensing studies
b	Charges for Geologist at field for LSM mapping at 1:12500 scale, Surface sampling, trenching and Scout Drilling	day	1.2	11,000	180	19,80,000	180	19,80,000	moderate hilly terrain with forest cover
c	Labour Charges for Geologist at Field	day	5.7	526	360	1,89,360	360	1,89,360	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
d	Charges for Sampler for geochemical, channel, Pit and BH Core Samples	one sampler per day	1.5.2	5,100	70	3,57,000	70	3,57,000	

e	Labour Charges for Sampling Work	day	5.7	526	280	1,47,280	280	1,47,280	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
	<b>Sub-Total A</b>					<b>32,13,640</b>		<b>32,13,640</b>	
<b>B</b>	<b>TRENCHING</b>								
a	Trenching	Cu m	2.1.1	3,330	150	4,99,500	150	4,99,500	
	<b>Sub-Total B</b>					<b>4,99,500</b>		<b>4,99,500</b>	
<b>C</b>	<b>DRILLING</b>								
1	Core Drilling up to depth of 300m - Hard Rock	m	2.2.1.4a	11,500	500	57,50,000	500	57,50,000	
2	Fixation of borehole and determination of co-ordinates & Reduced Level (RL) of the boreholes by DGPS (including charges for labours deployed for the work)	Per point of observation	1.6.2	19,200	5	96,000	5	96,000	5 Nos of Scout BHs
3	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	20,000	5	1,00,000	5	1,00,000	
4	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	5	10,000	5	10,000	
5	Transportation of Drill Rig & Truck associated per drill	Km	2.2.8	36	1,200	43,200	1,200	43,200	Approx 1200 km to & fro from Nagpur/ Rig

6	Monthly Accommodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	3	1,50,000	3	1,50,000	
7	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	1	2,50,000	1	2,50,000	
8	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	1	2,50,000	1	2,50,000	
9	Road Making (Flat Terrain)	Km	2.2.10a	22,020	4	88,080	4	88,080	
10	Drill Core Preservation	Per m	5.3	1,590	200	3,18,000	200	3,18,000	
	<b>Sub-Total C</b>					<b>70,55,280</b>		<b>70,55,280</b>	
<b>D</b>	<b>Geophysical Survey</b>								
1	I.P. cum Resistivity, S.P., Magnetic (8-10 L. Km)	8-10 L. Km	3.4b	14,48,693	1	14,48,693	1	14,48,693	
	Geophysicist Party days (HQ)	per day	3.18	9,000	30	2,70,000	30	2,70,000	
	<b>Sub-Total D</b>					<b>17,18,693</b>		<b>17,18,693</b>	
<b>E</b>	<b>LABORATORY STUDIES</b>								
<b>1</b>	<b>Chemical Analysis</b>								
	<b>Primary Samples Surface + Trench + BH Core Samples)</b>								
<b>i)</b>	<b>Primary samples</b>								
	For Gold by Fire Assay	Nos	4.1.5a	2,380	300	7,14,000	105	2,49,900	
	For Ni, Cr, Co, Mo, Cu, Pb, Zn, Bi, Ge, V, Sc, Ti and Ga by AAS (13 radicals)	Nos	4.1.7a & 7b	5,186	150	7,77,900	150	7,77,900	

	PGE analysis by ICPMS Ni-S Fire assay technique	Nos	4.1.5d	11,800	20	2,36,000	60	7,08,000	40 nos. channel/chip samples added more to know the dispersion
	<b>External check samples (10%)</b>								
	For Gold by Fire Assay	Nos	4.1.5a	2,380	30	71,400	11	26,180	
	PGE analysis by ICPMS Ni-S Fire assay technique	Nos	4.1.5d				6	70,800	
	For Ni, Cr, Co, Mo, Cu, Pb, Zn, Bi, Ge, V, Sc, Ti and Ga by AAS (13 radicals)	Nos	4.1.7a &7b	5,186	15	77,790	15	77,790	
ii)	Trace elemental Analysis (34 elements ICP-MS)	Nos	4.1.13	7,731	20	1,54,620	8	61,848	
iv)	Whole Rock Analysis for Major Oxides and trace elements by XRF technique	Nos	4.1.15a & 15b	7,147	20	1,42,940	20	1,42,940	
2	<b><u>Physical &amp; Petrological Studies</u></b>								
i)	Preparation of thin section	Nos	4.3.1	2,353	10	23,530	10	23,530	
ii)	Complete petrographic study report	Nos	4.3.4	4,232	10	42,320	10	42,320	
iii)	Preparation of polish section	Nos	4.3.2	1,549	10	15,490	10	15,490	
iv)	Complete mineragraphic study report	Nos	4.3.4	4,232	10	42,320	10	42,320	
v)	Digital Photographs	Nos	4.3.7	280	10	2,800	20	5,600	
vi)	Sp. Gravity	Nos.	4.8.1	3,540	5	17,700	5	17,700	

	Sub-Total -E					23,18,810		22,62,318	
E	Total A to E					1,48,05,923		1,47,49,431	
F	Geological Report Preparation	5 Hard copies with a soft copy	5.2	For the projects having cost less than Rs 150 Lakh, A minimum of Rs 2.50 Lakh or 5% of the work whichever more and Rs 3000/- per each additional copy		7,40,296		7,37,472	
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 Hard copies with a soft copy	5.1	2% of the Cost or Rs. 5.00 Lakhs whichever is lower		2,96,118		2,94,989	Bill claimed
I	Total Estimated Cost without GST					1,58,72,338		1,58,11,891	
J	Provision for GST (18% of I)	%				28,57,021		28,46,140	GST will be reimbursed as per actual and as per notified prescribed rate
K	Total Estimated Cost with GST					1,87,29,358		1,86,58,032	
<i>or Say Rs. , In Lakhs:</i>						187.29		186.58	
<b>Note:</b>									
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.								

2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMET SoC and Item no. 6 of NMET SoC. In
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.
5	Any item of work not mentioned above shall be added as per SoC.
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.



**Agenda 26.1.10 Preliminary Exploration (G-3) for Iron and Bauxite Ore in Amoch Chhapra Block (4.86 sq.km), District- Jabalpur & Katni, Madhya Pradesh.**

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

- a) The project was recommended during the 65<sup>th</sup> TCC meeting held on 28<sup>th</sup>, 30<sup>th</sup> & 31<sup>st</sup> May 2024, and subsequently approved in the 36<sup>th</sup> EC meeting held on 29<sup>th</sup> July 2024, with a sanctioned cost of ₹106.84/- lakh (inclusive of GST) for a scheduled duration of 10 months, up to 28<sup>th</sup> June 2025. Sanction Order was issued on 29<sup>th</sup> August 2024. The project was reviewed during 11<sup>th</sup> TCC-II meeting held on 23<sup>rd</sup>, 24<sup>th</sup>, 25<sup>th</sup> & 30<sup>th</sup> July 2025, wherein the committee recommended for extension of timeline for 6 months up to 31<sup>st</sup> December 2025 for report submission. Subsequently, the proposal was approved in 1<sup>st</sup> PSC meeting held on 9<sup>th</sup> October 2025.
- b) The project was also reviewed during 21<sup>st</sup> meeting of TCC-II held on 19<sup>th</sup> and 22<sup>nd</sup> January 2026, wherein the Committee recommended for timeline extension of 3 months up to 31<sup>st</sup> March 2026 for completion of the project and submission of the final geological report (GR). Subsequently, the proposal of timeline extension up to 31<sup>st</sup> March 2026 was approved in 5<sup>th</sup> meeting of PSC held on 9<sup>th</sup> February 2026.
- c) MECL informed that all approved components of the project have been completed. However, only 330.6 m of drilling has been achieved against the approved total of 380 m, as one borehole (PBH-15) could not be undertaken due to accessibility issues. The agency requested additional analysis of five samples due to the mineralized zone being thicker than anticipated. Further, a timeline extension of 1 month up to 30<sup>th</sup> April 2026 was also requested for submission of final GR.
- d) The TCC-II evaluated the proposed revised project cost arising from the addition of five (5) extra sample analyses due to the thicker-than-anticipated mineralized zone. The committee also agreed to recommend a timeline extension of one (1) month, up to 30<sup>th</sup> April 2026, for submission of the final Geological Report (GR).

**Recommendation TCC-II**

- i. ***The Committee recommended the proposal for approval by the PSC for revised cost of ₹97.44/- lakh (including GST), against the initial approved cost of ₹106.84/- lakh (including GST), for additional analysis of five samples due to the mineralized zone being thicker than anticipated.***
- ii. ***timeline extension of 1 month, up to 30<sup>th</sup> April 2026, for submission of the Final Geological Report (GR).***



**Estimated cost for Preliminary Exploration (G-3) of laterite and bauxite ore in Amoch-Chhapra block, District- Jabalpur & Katni, Madhya Pradesh**  
**Total Area - 4.86 Sq. Km; Drilling- 334.00m, Completion Time - 10 Months**  
**Implementing Agency: MECL**

Sl. No.	Item of Work	Unit	Rates as per NMET SoC 2020-21		Approved Cost		Revised Cost		Remarks
			SoC- Item- S. No.	Rates as per SoC	Qty.	Total Amount (Rs)	Qty.	Total Amount (Rs)	
<b>1.0</b>	<b>Geology &amp; Survey</b>								
1.1	Geologist (Field) man days for core logging/mapping/ Sampling/topographic survey	days	1.3	11,000	90	9,90,000	90	9,90,000	
1.2	Unskilled Labour (Field) (2 workers per geologist)	per worker	5.7	522	180	93,960	180	93,960	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher (now rate is Rs. 541.00)
1.3	Survey Party Days for topographic survey	days	1.6.1a	8300	30	2,49,000	30	2,49,000	
1.4	Unskilled Labour (Survey) (4 workers per Surveyor)	Days	5.7	522	120	62,640	120	62,640	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
1.5	Sampling man days - Sampler (core sample,) Labour charge not included	day	1.5.2	5,100	41	2,09,100	41	2,09,100	

1.6	4 labours/ party (Rs 431/day/labour) (As per rates of Central Labour Commissioner) for sampling work	day	5.7	522	164	85,608	164	85,608	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
1.7	Determination of co-ordinates and Reduced Level (RL) of boreholes by DGPS including boundary corner points.	Nos.	1.6.2	19200	25	4,80,000	24	4,60,800	Boreholes 19 Nos. + Block Boundary 06 Nos.
<b>Sub-Total 1</b>						<b>21,70,308</b>		<b>21,51,108</b>	
<b>2.0</b>	<b>Excavation</b>								
2.1	Pitting	Cu. m	2.1.2	3,800	10	38,000	10	38,000	
<b>Sub-Total 2</b>						<b>38,000</b>		<b>38,000</b>	
<b>3.0</b>	<b>Drilling</b>								
3.1	Drilling -Soft rock (up to 300m)	m	2.2.1.5a	7,168	380	27,23,840	334	23,91,245	
3.2	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	20,000	19	3,80,000	0	0	
3.3	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	19	38,000	18	36,000	
3.4	Transportation of Drill Rig & Truck associated per drill (for 2 rig)	Km	2.2.8	36	700	25,200	700	25,200	
3.5	Monthly Accommodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	3	1,50,000	3	1,50,000	
3.6	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	1	2,50,000	1	2,50,000	

3.7	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	1	2,50,000	1	2,50,000	
3.8	Road Making (Rugged-Hilly Terrain)	Km	2.2.10b	32,200	5	1,61,000	5	1,61,000	
3.9	Drill Core Preservation	per m	5.3	1,590	350	5,56,500	330	5,24,700	
<b>Sub-Total 2</b>						<b>45,34,540</b>		<b>37,88,145</b>	
<b>4.0</b>	<b>Laboratory Studies</b>								
4.1	Primary + Check Sample - 8 radicals viz. Fe, Mn, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> , P <sub>2</sub> O <sub>5</sub> , S, Ga <sub>2</sub> O <sub>3</sub> & V <sub>2</sub> O <sub>5</sub> by XRF technique	per sample	4.1.15a	4,200	300	12,60,000	305	12,81,000	5 nos. of samples increased including check samples
4.2	Primary sample for PGE by ICP-MS	per sample	4.1.5d	11,800	10	1,18,000	10	1,18,000	
4.3	Primary sample for Ni, Co, Cd, V & Ti by AAS method	per sample	4.1.7a	2,506	10	25,060	10	25,060	
4.4	Bulk Density determination	per sample	4.1	3,540	5	17,700	5	17,700	
<b>Sub-Total 3</b>						<b>14,20,760</b>		<b>14,41,760</b>	
5.0	Geologist man days (1 No.) for geological map & Report (HQ)	days	1.2	9,000	30	2,70,000	30	2,70,000	
<b>Total (1.0 to 5.0)</b>						<b>84,33,608</b>		<b>76,89,013</b>	
5.0	Preparation of Exploration Proposal	Nos	5.1	2% of the cost or Rs. 5.0 lakh - whichever is lower	1	1,68,672	1	1,53,780	

6.0	Geological Report Preparation	Nos	5.2	For the projects having cost exceeding Rs. 50 Lakhs but less than Rs. 150 Lakhs: A Minimum of Rs.2.5 lakhs or 5% of the value of work whichever is more and Rs. 3000/- per each additional copy.	4,21,680.40	1	3,84,450.64	EA has to submit the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMET.
7.0	Report Peer Review Charges	lumpsum	As per EC decision		30,000	1	30,000	
<b>Total Estimated Cost without GST</b>					<b>90,53,961</b>		<b>82,57,244</b>	
<b>Provision for GST (18%)</b>					<b>16,29,713</b>		<b>14,86,304</b>	GST will be reimbursed as per actual and as per notified prescribed rate
<b>Total Estimated Cost with GST</b>					<b>1,06,83,673</b>		<b>97,43,548</b>	
<b>Say Rs. in Lakhs</b>					<b>106.84</b>		<b>97.44</b>	
<b>Note:</b>								
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.							
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.							
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMET SoC and Item no. 6 of NMET SoC. In							
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.							
5	Any item of work not mentioned above shall be added as per SoC.							
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.							

**Agenda 26.1.11 Reconnaissance Survey (G-4) for Glauconite, Phosphorite & REE  
in Ambara-Marua Block, District- Kachchh, Gujarat.**

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

- a) The project was recommended in 3<sup>rd</sup> TCC-II meeting held on 5<sup>th</sup> & 6<sup>th</sup> December 2024 and approved in the 39<sup>th</sup> EC Meeting held on 24<sup>th</sup> January 2025. The sanction order was issued on 24<sup>th</sup> February 2025 with scheduled timeline of 10 months up to 23<sup>rd</sup> December 2025 with an approved cost of ₹229.81/- Lakh (including GST). The project was reviewed in 12<sup>th</sup> TCC-II meeting held on 22<sup>nd</sup>, 25<sup>th</sup>, 26<sup>th</sup> & 27<sup>th</sup> August 2025 and in 13<sup>th</sup> TCC-II meeting held on 22<sup>nd</sup>, 23<sup>rd</sup> & 24<sup>th</sup> September 2025. During the review in 86<sup>th</sup> meeting of TCC-I held on 11<sup>th</sup> December 2025 the Committee recommended timeline extension up to 31<sup>st</sup> March, 2026 for completion of work and submission of GR which was subsequently approved in 4<sup>th</sup> PSC meeting held on 13<sup>th</sup> January 2026. The project was also reviewed during 24<sup>th</sup> TCC-II meeting held on 2<sup>nd</sup> & 3<sup>rd</sup> March 2026; wherein the committee recommended the proposal for approval of PSC for a revised cost of ₹ 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 K<sub>2</sub>O and REE in the area were not significant. This revised cost of ₹ 83.43/- Lakh (including GST) was approved in 7<sup>th</sup> PSC meeting held on 27<sup>th</sup> March 2026.
- b) The project was also reviewed during the 25<sup>th</sup> meeting of TCC-II held on 17<sup>th</sup> and 18<sup>th</sup> March 2026, wherein the Committee opined that the final Geological Report (GR) would be evaluated after incorporation of the peer review comments.
- c) MECL informed that all corrections and modifications suggested by the peer reviewer have been duly incorporated into the final Geological Report.
- d) Based on the results from four (04) boreholes, a total resource of 129.22 Mt with 3.10% K<sub>2</sub>O at a 3% cut-off has been estimated using the cross-section method, while 114.69 Mt with 3.10% K<sub>2</sub>O has been estimated using the polygonal method. The agency further requested a timeline extension of one (01) month up to 30<sup>th</sup> April 2026 for submission of the final Geological Report.

**Recommendation TCC-II**

***The Committee recommended the proposal for approval by the PSC for "timeline extension of 1 month, up to 30<sup>th</sup> April 2026, for submission of the Final Geological Report (GR)".***

**Agenda 26.1.12 Reconnaissance Survey (G-4) for Phosphorite & Associated  
Minerals in Kaphalda Block, District- Dehradun & Tehri Garhwal,  
State Uttarakhand.**

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

- a) The project was recommended in 5<sup>th</sup> TCC-II meeting held on 27<sup>th</sup>, 28<sup>th</sup> and 29<sup>th</sup> January, 2025 and subsequently approved in the 40<sup>th</sup> EC Meeting held on 21<sup>st</sup> February 2025. The sanction order was issued on 5<sup>th</sup> March 2025 for a scheduled

timeline of 12 months up to 4<sup>th</sup> march 2026 with an approved cost of ₹318.45/- Lakh (including GST).

- b) MECL informed that approximately 50% of the area has been mapped and about 40% of the approved samples have been collected. The agency further requested a timeline extension of 6 months, up to 30<sup>th</sup> September 2026, for completion of the work and submission of the final Geological Report.
- c) The TCC-II opined that the project work should be reviewed after receipt of the complete analytical results for taking any further decision. The requirement of time extension will also be determined based on the outcome of that review.

#### **Recommendation TCC-II**

***The Committee opined that the project work should be reviewed after receipt of the complete analytical results. The requirement of time extension will also be determined based on the outcome of that review.***

#### **Agenda 26.1.13 Reconnaissance survey (G4) for Gold, Base metals and associated minerals in Pidariya - Nawanagar areas (37 sq. km.), Singrauli District, Madhya Pradesh.**

**[Implementing Agency: M/s Mining Tech Consultancy Services Limited (MTCS)]**

- a) The project was recommended in 8<sup>th</sup> TCC-II meeting held on 28<sup>th</sup>, 29<sup>th</sup> April & 2<sup>nd</sup> May 2025 and subsequently approved in the 42<sup>nd</sup> EC meeting held on 2<sup>nd</sup> June 2025. The sanction order was issued on 1<sup>st</sup> July 2025 for a scheduled timeline of 10 months up to 30<sup>th</sup> April 2026 with an approved cost of ₹235.00/- Lakh (including GST).
- b) MTCS informed that approximately 44% of the total project area of 37 sq. km has been mapped so far, and the geophysical survey is currently in progress. Further, the agency requested for a timeline extension of 8 months, up to 31<sup>st</sup> December 2026.
- c) The TCC-II advised that the geophysical (SP) survey be completed and that all sample analyses be carried out at the earliest, after which the project will be reviewed. The Committee also directed the agency to submit a detailed justification to NMEDT for the delay in execution of the project work.

#### **Recommendation TCC-II**

***The Committee recommended the proposal for approval by the PSC for "timeline extension of 8 months, up to 31<sup>st</sup> December 2026" subject to submission of detailed justification to NMEDT for the delay in execution of the project work and advised that the Geophysical (SP) survey be completed and that all sample analyses be carried out at the earliest, after which the project will be reviewed.***

## **26.2 Project Evaluation for In-Principle Approval**

### **Agenda 26.2.1 Reconnaissance Survey (G-4) for REE & Rare Metals in Kapasi Area (Area 61.32 sq. km.), Tikamgarh District, Madhya Pradesh State. [Implementing Agency: M/s BMRC Geomining Solutions Private Limited]**

- a) The proposed reconnaissance survey (G4) of 61.32 sq. km. area, falls in Survey of India Toposheet numbers 540/4 & 540/8 in parts of Tikamgarh District, Madhya Pradesh.
- b) The table containing the comments is given below.

S.N.	Agency	Comment
1	GSI	The GSI informed that there is no exploration or reconnaissance work in the proposed block, and there is currently no ongoing project.
2	AMD	The proposed block does not overlap with AMD-explored or ongoing blocks.
3	DMG	DGM comments were not available during the TCC-II meeting.
4	MECL	The proposed block does not overlap with AMD-explored or ongoing blocks.
5	NMEDT	There is no overlapping with NMEDT funded block in the proposed area

- c) The TCC-II advised the agency to visit the proposed area and undertake limited fieldwork to identify pegmatite bodies, along with the collection and analysis of a few (4-5) samples, in order to obtain additional mineralogical evidence to support the exploration proposal. At the time of submission of Detailed Project Report (DPR), the Agency has to present the findings of reconnaissance studies taken by them in the proposed mineral block along with the analytical results of the samples collected from the block.

### **Recommendation TCC**

***The Committee accorded in-principle approval to the proposal.***

### **Agenda 26.2.2 Reconnaissance survey (G-4) for Tin Tantalum and Niobium bearing Pegmatites in Katekalyan Area, (Area 146 sq. km.) Western Periphery of Baster-Koraput Pegmatite Belt, Dantewada District, Chhattisgarh.**

**[Implementing Agency: M/s. Deepsar Mineral Explorer]**

- a) The proposed reconnaissance survey (G4) of 146 sq. km. area, falls in Survey of India Toposheet number 64F/6 in parts of Dantewada District, Chhattisgarh.
- b) The table containing the comments is given below.

S.N.	Agency	Comment
1	GSI	GSI informed that the proposed block is 100% overlapping with its previous works carried out during 1979-80 under regional stream sediment surveys for tin and associated rare metal mineralisation in parts of Bastar District, Madhya Pradesh.

2	AMD	AMD informed that the proposed area has carried out exploration (G4/G3 stage) for Rare Metals in different phases. The proposed block overlaps with the already explored block of AMD. In view of above, the block is not recommended in the interest of envisaged follow up prospecting operations for rare metal by AMD and to avoid duplication of work.
3	MECL	The proposed block does not overlap with AMD-explored or ongoing blocks.
4	State DMG/DGM	DGM comments were not available during the TCC-II meeting.
5	NMEDT	The proposed area shows no overlap with any ongoing projects on the NGDR portal.

- c) The TCC-II opined that the total area of 146 sq. km is too large for G4 stage exploration and should be optimized to around 100 sq. km. The Committee further advised the agency to visit the proposed area and undertake limited fieldwork, including the collection and analysis of a few (4-5) samples, to obtain additional mineralogical evidence in support of the exploration proposal. At the time of submission of Detailed Project Report (DPR), the Agency has to present the findings of reconnaissance studies taken by them in the proposed mineral block along with the analytical results of the samples collected from the block.

### Recommendation TCC

*The Committee accorded in-principle approval to the proposal.*

### Agenda 26.2.3 Preliminary Exploration (G-3) For Bauxite, Vanadium, Titanium & REE Mineralization in Chhichhli Block, (Area 5.00 Sq. Km) Tehsil Bagicha, Jashpur District, Chhattisgarh.

[Implementing Agency: M/s. Deepsar Mineral Explorer]

- a) The proposed 5 sq. km. area for preliminary exploration (G-3), falls in Survey of India Toposheet number 64M/12 in parts of Jashpur District, Chhattisgarh.  
b) The table containing the comments is given below.

S.N.	Agency	Comment
1	GSI	GSI informed that the proposed block is 100% overlapping with its previous works carried out during 1992-94 under Preliminary exploration for Bauxite in Pandrapat highland, Raigarh District, Madhya Pradesh.
2	AMD	The proposed block does not overlap with AMD-explored or ongoing blocks.
3	DMG	DGM, Chhattisgarh informed that local issues are prevailing in the area, due to which other agencies, including GSI, are unable to carry out work owing to local agitation.
4	MECL	The proposed block by M/s. DEEPSAR MINERAL EXPLORER has no overlapping with the ongoing or completed blocks of MECL.

5	NMEDT	The proposed area shows no overlap with any ongoing projects on the NGDR portal.
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- c) The TCC-II advised a site visit with limited fieldwork and sampling to support the proposal, after which it may be resubmitted for in-principle approval
- d) DGM, Chhattisgarh informed that local issues are prevailing in the area, due to which other agencies, including GSI, are unable to carry out work owing to local agitation.
- e) The TCC-II advised the agency to visit the proposed area to assess the actual ground conditions, understand the prevailing local issues, and evaluate the feasibility of undertaking exploration activities in the area.

### Recommendation TCC

*The Committee accorded in-principle approval to the proposal.*

### Agenda 26.2.4 Reconnaissance survey (G-4) for Titaniferous Venadiferous Bauxite, Aluminous Laterite & REE Mineralization in Sulesa Area, (Area-34.02 Sq. Km) Tehsil-Bagicha, Jashpur District, Chhattisgarh.

**[Implementing Agency: M/s. Deepsar Mineral Explorer]**

- a) The proposed reconnaissance survey (G4) of 34.02 sq. km. area, falls in Survey of India Toposheet number 64 M/12 in parts of Jashpur District, Chhattisgarh.
- b) The table containing the comments is given below.

S.N.	Agency	Comment
1	GSI	GSI informed that the proposed block shows over 100% overlap with its 1992-94 bauxite exploration (CR-21675) in Pandrapat Highland, Raiger District, Madhya Pradesh, along with partial overlap with 1919-20 reconnaissance work (CR-023572) in Chundapat Block, Jashpur District, and 1997-2000 regional exploration for lamproite/kimberlite in the Tapti Lineament Zone across Raigarh, Jashpur, and Surguja districts of Chhattisgarh.
2	AMD	The proposed block does not overlap with AMD-explored or ongoing blocks.
3	DGM	DGM, Chhattisgarh informed that, there is no Ongoing Exploration/Reconnaissance Projects related to Titaniferous Venadiferous Bauxite, Aluminous Laterite & REE Mineralization in the proposed area. Further, DGM, Chhattisgarh informed that the local issues are prevailing in the area, due to which other agencies, including GSI, are unable to carry out work owing to local agitation.
4	MECL	The proposed block by M/s. DEEPSAR MINERAL EXPLORER has no overlapping with the ongoing or completed blocks of MECL.
5	NMEDT	An auctionable block (G4/GM) exists within the proposed area on the NGDR portal, which also indicates overlap with GSI bauxite exploration blocks.

- c) DGM, Chhattisgarh informed that local issues are prevailing in the area, due to which other agencies, including GSI, are unable to carry out work owing to local agitation.
- d) The TCC-II advised the agency to visit the proposed area to assess the actual ground conditions, understand the prevailing local issues, and evaluate the feasibility of undertaking exploration activities in the area.

### Recommendation TCC

*The Committee accorded in-principle approval to the proposal.*

### Agenda 26.2.5 Reconnaissance Survey (G-4) for Graphite, Vanadium and Associated Mineral in Rudraprayag - Amdala Area, Rudraprayag District, Uttarakhand.

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

- a) The proposed reconnaissance survey (G4) of 40 sq. km. area, falls in Survey of India Toposheet number 53J/15 in parts of Rudraprayag District, Uttarakhand.
- b) The table containing the comments is given below.

S.N.	Agency	Comment
1	GSI	GSI informed that four exploration activities were previously carried out in the proposed area, including geochemical appraisal for base metals and gold (1992-94), detailed mapping near Khanna old workings, investigation of gold and associated mineralisation in the Lameri-Ratura area, and a reconnaissance survey (2020-21) for REE, rare metals, and associated strategic minerals along the Chardham route.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block. However, AMD has carried out exploration for uranium around 15km ENE of the proposed block. Petrographic studies identified pitchblende as primary uranium mineral disseminated within the schistose matrix. Secondary uranium minerals, including autunite and torbernite, have also been identified in the explored block of AMD. Further AMD informed that AMD may take-up reconnaissance survey (G-4 Stage) in future to access the potentiality of U mineralisation in the proposed block.
3	DMG	The proposed block does not overlap with DGM-explored or ongoing blocks.
4	MECL	The block proposed by M/S Ocean Drilling & Exploration Pvt Ltd. is not overlapping with MECL explored block and ongoing blocks.
5	NMEDT	As per the NGDR portal, several past exploration activities have been carried out in the area, including studies on phosphorite, base metals and gold, copper-lead-antimony mineralisation, regional

	mineral surveys, gold exploration (G-4), REE and strategic minerals reconnaissance (G-4), and geothermal investigations.
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- c) GSI conducted G4-stage exploration during FS 2020–21 and reported Fixed Carbon (FC) values ranging from 0.16% to 8.49%, and Vanadium (V) concentrations between 15 ppm and 736 ppm.
- d) The TCC-II advised the agency to visit the proposed area and carry out limited fieldwork, including the collection and analysis of a few (4–5) samples, to generate additional mineralogical evidence in support of the exploration proposal. At the time of submission of Detailed Project Report (DPR), the Agency has to present the findings of reconnaissance studies taken by them in the proposed mineral block along with the analytical results of the samples collected from the block.

### Recommendation TCC

*The Committee accorded in-principle approval to the proposal.*

### Agenda 26.2.6 Reconnaissance Survey (G-4) for Graphite, Vanadium and associated mineral in Gangalsi-Kharik Area, Tehri Garhwal & Pauri Garhwal District, Uttarakhand.

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

- a) The proposed reconnaissance survey (G4) of 33.66 sq. km. area, falls in Survey of India Toposheet number 53J/08 & 53J/12 in parts of Tehri Arhwal & Pauri Garhwal Districts, Uttarakhand.
- b) The table containing the comments is given below.

S.N.	Agency	Comment
1	GSI	GSI informed that (i) a G-4 stage phosphorite investigation (2007–08) over 10 sq. km in the Dhalwala–Singtali area partly overlaps with the proposed block, and (ii) a G-4 reconnaissance survey (2020–21) for REE and associated minerals was carried out along the Chardham route covering parts of the area.Siwana area. At present no exploration/reconnaissance projects is going on for REE, RM and associated elements.
2	AMD	AMD informed that the proposed block lies immediately east of its explored area, where G-4 stage reconnaissance for uranium has delineated a mineralised zone along the Phulari–Shivpuri–Bawani sector (~2.4 km strike) with U <sub>3</sub> O <sub>8</sub> values up to 0.050%. AMD also plans further G-4 exploration in the proposed block; hence, the block is not recommended.
3	DGM	The proposed block does not overlap with DGM-explored or ongoing blocks.
4	MECL	The block proposed by M/S Ocean Drilling & Exploration Pvt Ltd. is not overlapping with MECL explored block and ongoing blocks.

5	NMEDT	As per the NGDR portal, previous activities in the area include investigations on phosphorite and rock phosphate, studies by AMD, and a G-4 stage reconnaissance survey for REE and associated strategic minerals along the Char Dham route.
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- c) As per AMD's comments, the proposal has not been recommended for further exploration, as U<sub>3</sub>O<sub>8</sub> values in the adjacent area are up to 0.050%, and AMD has already planned to undertake further exploration in the proposed area.
- d) Considering the above the Committee did not agree for in-principle approval of the proposal.

### **Recommendation TCC**

***The Committee did not agree for in-principle approval of the proposal.***

### **Agenda 26.2.7 Reconnaissance Survey (G-4) for Tin & Tungsten in Saluri-Chamua Area, Almora & Pithoragarh District, Uttarakhand.**

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

- a) The proposed reconnaissance survey (G4) of 43 sq. km. area, falls in Survey of India Toposheet number 530/14 in parts of Almora & Pithoragarh Districts, Uttarakhand.
- b) The table containing the comments is given below.

S.N.	Agency	Comment
1	GSI	GSI informed that the G4 stage exploration item for Vanadium and Graphite mineralisation is presently being carried out in the area. A minor overlap has been observed between the current item (FS-2025-26) and the proposed block (map attached).
2	MECL	The block proposed by M/s Ocean Drilling & Exploration Pvt Ltd. is not overlapping with MECL explored block and ongoing blocks.
3	DMG	The proposed block does not overlap with DGM-explored or ongoing blocks.
4	NMEDT	As per the NGDR portal, partial overlap with the past activities in the area include preliminary phosphorite investigations in Raikholi (1969), phosphate studies around the Ganai area (1969), and geothermal investigations of hot springs in the U.P. Himalaya (1973).

- c) GSI conducted NGCM during FS 2008-10 and reported Tungsten (W) values up to 423.94 ppm, and Tin (Sn) concentrations up to 8139 ppm.
- d) The TCC-II advised the agency to visit the proposed area and carry out limited fieldwork, including the collection and analysis of a few (4-5) samples, to generate additional mineralogical evidence in support of the exploration proposal. At the time of submission of Detailed Project Report (DPR), the Agency has to present

the findings of reconnaissance studies taken by them in the proposed mineral block along with the analytical results of the samples collected from the block.

**Recommendation TCC**

***The Committee accorded in-principle approval to the proposal.***

**Agenda 26.2.8 Reconnaissance Survey (G-4) for Bauxite, Titanium and other Associated minerals in Maharajpur – Khamtala Area, Satna District, Madhya Pradesh.**

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

- a) The proposed reconnaissance survey (G4) of 101 sq. km. area, falls in Survey of India Toposheet number 63D/11 in parts of Satna District, Madhya Pradesh.
- b) The table containing the comments is given below.

S.N.	Agency	Comment
1	GSI	GSI informed that the preliminary assessment of the Bauxite occurrences of Parsowania-Kamtala area, Satna district, Madhya Pradesh the bauxite bodies range in size from 60 × 6 × 3 m to 150 × 6 × 3 m. A preliminary surface-based assessment of their potential suggests an estimated total reserve of around 20,000 tonnes. Chemical analyses of samples collected from different locations reveal Al <sub>2</sub> O <sub>3</sub> content ranging from 48.8% to 62.2%, SiO <sub>2</sub> from 1.0% to 5.5%, TiO <sub>2</sub> from 5.5% to 15.0%, Fe <sub>2</sub> O <sub>3</sub> from 2.8% to 21.9%, and LOI from 24.1% to 30.2%. On average, the bauxite composition is approximately Al <sub>2</sub> O <sub>3</sub> 54%, SiO <sub>2</sub> 2%, Fe <sub>2</sub> O <sub>3</sub> 8%, TiO <sub>2</sub> 8%, and LOI 28%. Further GSI informed that past exploration in the Parsowania-Kamtala area identified bauxite bodies (60–150 m in size) with an estimated reserve of ~20,000 tonnes and average grade of ~54% Al <sub>2</sub> O <sub>3</sub> . No ongoing exploration exists in the proposed area. Based on available data, the area is prospective; however, the proposed G-4 block almost 50% overlaps with the earlier explored GSI block.
2	DMG	DGM informed that no previous or ongoing exploration for bauxite, titanium, or associated minerals exists in the proposed area; however, one minor mineral (flagstone) quarry lease is present.
3	MECL	the block proposed by M/S Ocean Drilling & Exploration Pvt Ltd. is not overlapping with MECL explored block and ongoing blocks.
4	NMEDT	As per the NGDR portal, previous exploration in the area includes studies on bauxite (Parsowania-Kamtala), flux-grade limestone in Satna and Jabalpur, assessments of limestone for industrial use, and investigations on kimberlite/diamond mineralisation (Majhgawan) exploration by Rio Tinto (2008).

- c) M/s Ocean Drilling and Exploration Private Limited informed that they visited the proposed area and collected three (3) samples, which yielded Al<sub>2</sub>O<sub>3</sub> values of 36.62%, 41.58%, and 30.07%. GSI has done in this area in FS 1973-74, and reported 45.82% to 62.20% of Al<sub>2</sub>O<sub>3</sub> from this area.
- d) In view of the above facts, the TCC-II agreed to grant in-principle approval to the proposal, subject to modification of the overlapping area.

**Recommendation TCC**

***The Committee accorded in-principle approval to the proposal.***

**Agenda 26.2.9 Preliminary exploration (G-3) For Bauxite and associated minerals in Raydhanjar Block, (Area 2.10 sq.km) Kachchh District, Gujarat. [Implementing Agency: M/s Vardan Environet LLP]**

- a) The proposed area of 2.10 sq. km for preliminary exploration (G-3), falls in Survey of India Toposheet number 41E/04 in parts of Kachchh District, Gujarat.
- b) The table containing the comments is given below.

S.N.	Agency	Comment
1	GSI	GSI Informed that the proposed block does not overlap with GSI-explored or ongoing blocks.
2	AMD	The proposed block does not overlap with AMD-explored or ongoing blocks.
3	MECL	The proposed block by M/s. Vardan Environet LLP has no overlapping with the ongoing or completed blocks of MECL.
4	CGM	CGM Gujarat informed that the Report on the assessment of Bauxite deposit in Kutch district Gujarat state (Year: 1963-64, 1964-65, 1965-66, 1966-67, 1967-68, 1968-69, 1969-70) (RN_63), further The NOC for the said block has been issued to M/s. Vardan Environet LLP vide mail dated 23.01.2026.
5	NMEDT	As per the NGDR portal, Multiple G4 Exploration Blocks for Bauxite exploration overlaps with the proposed block.

- c) As per the comments of CGM Gujarat, NOC has been given to M/s Vardan Environet LLP on 23/01/2026 for the proposed area.
- d) M/s Vardan Environet LLP informed that they have obtained NOC from CGM, Gujarat, for two additional blocks adjacent to the proposed area.
- e) In view of the above, the TCC-II opined that a DPR for the G-4 stage exploration proposal, covering all three sub-blocks—Reladiya Mangal Block (G-3 Stage), Raydhanjar Block (G-3 Stage), and Kalar Vandha Block (G-4 Stage) (for which NOC has been obtained from CGM, Gujarat), should be prepared and submitted for evaluation in the upcoming TCC-II meeting.

**Recommendation TCC**

*The Committee advised that a DPR for the G-4 stage exploration proposal, covering all three sub-blocks Reladiya Mangal Block (G-3 Stage), Raydhanjar Block (G-3 Stage), and Kalar Vandha Block (G-4 Stage) (for which NOC has been obtained from CGM, Gujarat), should be prepared and submitted for evaluation in the upcoming TCC-II meeting.*

**Agenda 26.2.10 Preliminary Exploration (G3) for Graphite & associated mineralization in Chiklar Block, Betul District, Madhya Pradesh.**

**[Implementing Agency: M/s Vardan Environet LLP]**

- a) The proposed 2.50 sq. km. area for preliminary exploration (G-3), falls in Survey of India Toposheet number 55G/13 in parts of Betul District, Madhya Pradesh.
- b) The table containing the comments is given below.

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

5	NMEDT	As per the NGDR portal, one G-3 and one G-4 graphite exploration block overlap with the proposed block, while one auctionable G-3 graphite block shows partial overlap
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- c) GSI has conducted G4 stage of exploration in FS 2012-13 and reported Fixed Carbon (FC) values from 5% to 17.3% in the proposed area.
- d) In view of the above, the TCC-II agreed for in-principle approval of the proposal.

**Recommendation TCC**

***The Committee accorded in-principle approval to the proposal.***

**Agenda 26.2.11 Reconnaissance Survey (G-4) for Barium, Vanadium and other associated mineralization around N/V Andoli, Teekar, Dhoora Sangroli, District Almora, Uttarakhand.**

**[Implementing Agency: M/s Enkay Enviro Services Private Limited]**

- a) The proposed reconnaissance survey (G4) of 39 sq. km. area, falls in Survey of India Toposheet number 530/14 in parts of Almora District, Uttarakhand.
- b) The table containing the comments is given below.

S.N.	Agency	Comment
1	GSI	GSI informed that during the 2024-25 field season, G-3 and G-4 stage investigations for vanadium and associated minerals were carried out in Almora District; however, the proposed area does not overlap with these studies. Further GSI informed that inconsistencies in the map index and legend create ambiguity in interpretation. The target lithology (carbonaceous shale) is limited within the proposed block, which is predominantly schistose. Geochemical maps also show that V and Ba anomalies do not align with the block and largely occur outside it. In view of these discrepancies, the delineation of the proposed block requires further technical review before detailed exploration.
2	AMD	The proposed block does not overlap with AMD-explored or ongoing blocks.
3	DMG	The proposed block does not overlap with AMD-explored or ongoing blocks.
4	MECL	The proposed block by M/s. Enkay Enviro Services Pvt. Ltd. has no overlapping with the ongoing or completed blocks of MECL.
5	NMEDT	As per the NGDR portal, the proposed block does not overlap with explored or ongoing blocks.

- c) The Committee advised the agency to visit the proposed area and carry out limited fieldwork, including the collection and analysis of a few (4-5) samples, to generate additional mineralogical evidence in support of the exploration proposal. At the

time of submission of Detailed Project Report (DPR), the Agency has to present the findings of reconnaissance studies taken by them in the proposed mineral block along with the analytical results of the samples collected from the block.

**Recommendation TCC**

***The Committee accorded in-principle approval to the proposal.***

**Agenda 26.2.12 Preliminary Exploration (G-3) For Limestone in Kolkunda -  
Turnur Block, Kalaburagi District, Karnataka.**

**[Implementing Agency: M/s. Geo Exploration and Mining Solution]**

All Limestone projects will be reviewed after the receipt of clear guidelines from the Project Sanctioning Committee (PSC).

During the 7th PSC meeting, the matter was discussed, and the PSC directed that all Limestone projects remain on hold until a decision on their execution by the State Government or NMEDT is finalized.



**List of participants attended 26<sup>th</sup> meeting of Technical-cum-Cost Committee - II (TCC - II) of NMEDT held on 1<sup>st</sup> and 2<sup>nd</sup> April 2026 through video conferencing mode**

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