

Ministry of Mines
National Mineral Exploration and Development Trust
Minutes of the 85th Technical-cum-Cost Committee-1 (TCC-1) Meeting held on
27th November, 1st December and 5th December 2025 through video conferencing

The 85th Meeting of the Technical-cum-Cost Committee-I (TCC-1) of the National Mineral Exploration and Development Trust (NMEDT) was held via video conferencing under the chairmanship of Dr. S. Ravi, Deputy Director General (DDG), Geological Survey of India Training Institute (GSITI) and Chairman, TCC-1, NMEDT, on 27th November and 1st December.

Members of TCC-1, NMEDT and representatives from—DGM Chhattisgarh, CGM Gujarat, DMG Jharkhand, GSI, MECL, IBM, PRB Infraprojects Pvt. Ltd., GeoExpOre Pvt Ltd., Hindmetal Exploration Services Private Limited, Maiki South Mining Pvt. Ltd., Gemcokati Exploration Pvt. Ltd., Envirogreen Consultants (India) Private Limited, Steiger Geoscience and Engineering Private Limited, APC Drilling & Construction Private Limited, Enkay Enviro Services Pvt. Ltd., Mining Associates Private Limited, Critical Mineral Trackers, Geo Marine Solutions Pvt. Ltd., Eartnenviro Lab Private Ltd. and Kartikay Exploration and Mining Services Pvt. Ltd., have attended the meeting through their respective VC modes.

The list of participants is enclosed in Annexure-8.

Shri S. Dhanendran, Director, GSI and Member Secretary, TCC-1, NMEDT, welcomed Dr. S. Ravi, Dy.DG, GSI and Chairman, TCC-1, NMEDT, Members of the TCC-1 and participants representing various Notified Exploration Agencies (NEAs) and Notified Private Exploration Agencies (NPEAs).

Dr. S. Ravi, Chairman of TCC-1, NMEDT, extended a warm welcome to all members of TCC-1 and participants representing various NEAs and NPEAs and conducted the proceedings as per circulated agenda.

Agenda 85.1: Technical evaluation of new project proposals

Agenda 85.1.1. General Exploration (G2) in Kelenda Block (3.975 Sq. Km) for Glauconitic Sandstone and Shales, District- Mahasamund, Chhattisgarh [Implementing Agency: Mineral Exploration & Consultancy Ltd. (MECL)]

- a. The proposed block falls in Survey of India TS No. 64K/15 and 64K/16 and exposes rocks of Singhara Group of Chhattisgarh Supergroup.
- b. The proposed block is one of the seven annulled critical and strategic mineral blocks, that had been handed over to NMEDT by Ministry of Mines for further higher level of exploration.
- c. MECL informed that the G3 exploration in the area has established a laterally continuous glauconite-bearing sandstone shale horizon with an inferred resource of 64.08 MT at 5.45% K₂O, requiring further confirmation for upgradation to 332 categories.
- d. Reconnaissance and preliminary investigations by the Geological Survey of India, in the Bhalukona–Khairmal–Kelenda sector of Mahasamund District, delineated glauconite-bearing horizons within the Bhalukona Formation. The latest G3 stage exploration has established a well-defined glauconitic shale and sandstone zone in Kelenda Block with encouraging K₂O values ranging between 4.25% and 5.97%.

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- e. MECL apprised the committee that the confirmed presence of glauconitic mineralization, consistent grade, favourable infrastructure, and its strategic importance in reducing potash import dependency, the Kelenda Block warrants detailed exploration at the G2 stage. The proposed G2-level work also aims to upgrade the deposit from UNFC Category 333 to 332 through systematic drilling, detailed sampling, petrographic and chemical characterization, and beneficiation evaluation.
- f. After thorough deliberations, the committee opined that the adjacent Bhalukona block (also one of the seven annulled blocks) may also be taken up simultaneously with Kelenda block.
- g. However, MECL informed that the Bhalukona block lies along the Chhattisgarh–Odisha border, with portions extending into both states. Accordingly, the block boundaries need to be modified, and some desk-based work is required before the proposal can be taken up.
- h. The committee recommended the proposal.

Sl. No.	Agency	Brief Comments
1.	GSI	The proposed blocks completely overlaps with previous G3 block of GSI
2.	MECL	NA
3.	AMD	NA
4.	State DMG/DGM/CGM	There is no ongoing or past exploration done in the area. No mining lease is there in the proposed area.
5.	NMEDT	No overlap with ongoing or previous work.

Recommendations of TCC-1:

The committee recommended the proposal entitled “General Exploration (G2) for Glauconitic Sandstone & Shale in Kelenda Block [Block area- 3.975 sq. km], District: Mahasamund, Chhattisgarh” for approval of PSC, NMEDT with an estimated cost of ₹110.97 lakhs (including GST) within time schedule of 12 months for carrying out the proposed work and submission of report as per Annexure – 1A & 1B. The item will be reviewed after 6th month.

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Annexure-1A

General Exploration (G2) for Glauconitic Sandstone & Shale in Kelenda Block [Block area- 3.975 sq. km], District: Mahasamund, Chhattisgarh. [Nos. of Borehole- 10; Total Drilling: 650m, Borehole depth range: 65 m; Schedule timeline- 12 months, Review after:6 months]

S. No.	Item of Work	Unit	Rates as per NMET SoC 2025-26		Estimated Cost of the Proposal		Remarks
			SoC-Item -SI No.	Rates as per SoC	Qty.	Amount (Rs)	
A	GEOLOGICAL WORK						
	Updation of available Geological Map on 2000 scale						
i	Charges for one Geologist- Field	day	1.2.1a	14,500	75	10,87,500	
ii	Charges for one Geologist - HQ	day	1.2.1a	10,500	30	3,15,000	
iii	2 labours/ party (As per rates of Central Labour Commissioner)	day	5.8	541	150	81,150	
iv	Sampling -1 Samplers Labour charge not included	day	1.2.1b	7,850	41	3,21,850	
v	4 labours/ party (As per rates of Central Labour Commissioner)	day	5.8	541	164	88,724	
B	SURVEY WORK						
i	Bore Hole Fixation and determination of co-ordinates & Reduced Level of the boreholes by DGPS.	Per Point of observation	1.3.2	24,000	10	2,40,000	Boreholes: 10, Cardinal points already fixed
	Sub Total- A + B					21,34,224	
C	EXPLORATORY DRILLING (outsourced)						
i	Drilling upto 300m (Soft Rock) by HQ	m	2.2.1.1c	5,500	650	35,75,000	10 Boreholes
ii	Land Compensation	Per Borehole	5.6	30000	10	300000	
iii	Concrete Pillar Construction	Per Borehole	2.2.7	2000	10	20000	
iv	Borehole Plugging	Lumpsum per borehole	2.2.8	10000	10	100000	

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	Sub Total- C					39,95,000	
D	LABORATORY STUDIES						
1	Chemical Analysis						
i	Major oxides (WD XRF)- (oxides+ traces -24 elements)	Nos	4.1.17a	4,200	275	11,55,000	
ii	External(10%) Check samples from NABL Lab for Major oxides (WD XRF)- (oxides+ traces -24 elements)	Nos	4.1.17a	4,200	28	1,17,600	
iii	HR-ICP MS (REE & Trace)	Nos	4.1.16f	7,400	20	1,48,000	
iv	External(10%) Check samples from NABL Lab HR-ICP MS (REE & Trace)	Nos	4.1.16f	7,400	2	14,800	
2	Physical & Petrological Studies						
i	XRD analysis for identification of minerals (Random)	Nos	4.5.2	4,000	10	40,000	
ii	Beneficiation Studies	Nos	4.7.2 Actual expenses as per IBM rate	4,36,590	2	8,73,180	Actual expenses Beneficiation study for G2 stage mineral exploration project (Complete laboratory scale ore dressing investigation involving studies for recovery of mineral by various physical beneficiation methods) Rate of IBM (without tax) is taken as tax on overall cost is levied
iii	Preparation of thin section	Nos	4.3.1	500	20	10,000	

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iv	Complete petrographic /ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo micrographs)	Nos	4.3.4	2,800	20	56,000	
vi	Modal Analysis of thin section	Nos	4.3.7	4,590	10	45,900	
vii	Bulk density – Dry / Saturated	Nos	4.8.3	2,500	2	5,000	
	Sub Total- D					24,65,480	
	Total A to D					85,94,704	
E	In case of outsourcing of work, the Technical Supervision cost shall be 10% of the sum of all the outsourced work components with a maximum ceiling of ₹ 20 lakh					357500	Drill core preservation of 300 m to be done. 1 complete BH + mineralised zone
F	Geological Report Preparation		5.2 ii	Total cost exceeding ₹50 lakh but less than 150 lakh	Revised SoC	2,50,000	Reimbursement will be made after submission of the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMET.
G	Peer review Charges		As per EC decision			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 Lakhs whichever is lower		1,71,894	EA has to submit the Hard Copies and the soft copy of the final proposal along with Maps and Plan as suggested by the TCC- NMET in its meeting while clearing the proposal.
I	Total Estimated Cost without GST					94,04,098	

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J	Provision for GST (18% of I)	16,92,738	GST will be reimburse as per actual and as per notified prescribed rate
K	Total Estimated Cost with GST	1,10,96,836	or Say Rs. 110.97 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 part of the project is outsourced, the amount will be reimbursed as per the Paragraph 6 of NMEDT SoC. In case of execution of the project by NEA/NPEA on its own, a Certificate regarding non outsourcing of any component/project is required.		
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.		
5	Any item of work not mentioned above shall be added as per SoC.		
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency		

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Annexure-1B															
Timeline for General Exploration (G2) for Glauconitic Sandstone & Shale in Kelenda Block [Block area- 3.975 sq. km], District: Mahasamund, Chhattisgarh; [Schedule timeline- 12 months]															
Sl.	Particulars	Months	1	2	3	4	5	6	REVIEW	7	8	9	10	11	12
1	Camp Setting/ mobilization	Months													
2	Geologist days (Mapping, Core Logging, Sampling)	days													
3	Survey Days	days													
4	Drilling	m													
5	Sampling days	days													
6	Camp winding	Months													
7	Laboratory Studies	days													
8	Beneficiation Studies														
9	Geologist days, HQ	days													
10	Report Writing with Peer Review	days													

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Agenda 85.1.2. Preliminary Exploration (G3) for Limestone in Jamuniya Block (3.68 Sq. Km), District- Satna, Madhya Pradesh.

[Implementing Agency: Mineral Exploration & Consultancy Ltd. (MECL)]

- a. The proposed block falls in Survey of India TS No. 63H/3 and forms part of Satna-Rewa Limestone belt.
- b. MECL apprised the committee that The Government of Madhya Pradesh (DGM) has granted permission for exploration of the Jamuniya Limestone Block. The State Government of Madhya Pradesh have allocated five (05) limestone blocks to MECL for further exploration and making the blocks for auction feasible.
- c. MECL informed the committee that a reconnaissance visit in the proposed area was made and surface samples were collected.
- d. Preliminary samples and analyses have indicated the presence of good-quality limestone, justifying detailed exploration. Three samples were collected and CaO% in these samples varied between 47.28 to 51.08%.
- e. The committee reviewed the proposal and opined that the analytical values of the collected samples are encouraging.
- f. The committee noticed that the MECL also have proposed exploration in adjacent Bandha Block.
- g. The committee decided that the both the proposal may be approved as a single project with two different blocks. Two separate reports (GR) would be generated for both the blocks.

Sl. No.	Agency	Brief Comments
1.	GSI	There is no ongoing or past exploration done in the area.
2.	MECL	NA
3.	AMD	NA
4.	State DMG/DGM/CGM	There is no ongoing or past exploration done in the area. No mining lease is there in the proposed area.
5.	NMEDT	No overlap with ongoing or previous work.


Recommendations of TCC-1:

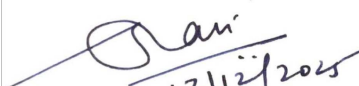
The committee recommended that the present proposal may be approved along with proposed adjacent Bandha block as a single project.

Agenda 85.1.3. Preliminary Exploration (G3) for Limestone in Bandha Block (3.54 Sq. Km), District- Satna, Madhya Pradesh.

[Implementing Agency: MECL.]

- a. The proposed block falls in Survey of India TS No. 63H/3 and forms part of Satna-Rewa Limestone belt.
- b. MECL apprised the committee that The Government of Madhya Pradesh (DGM) has granted permission for exploration of the Bandha Limestone Block. The State Government of Madhya Pradesh have allocated five (05) limestone blocks to MECL for further exploration and making the blocks for auction feasible.


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- c. MECL informed the committee that a reconnaissance visit in the proposed area was made and two surface samples were collected. The analytical results have yielded CaO% from 48.03 to 51.08%.
- d. The committee decided that the both the proposal may be approved as a single project with two different blocks. Two separate reports (GR) would be generated for both the blocks.

Sl. No.	Agency	Brief Comments
1.	GSI	There is no ongoing or past exploration done in the area.
2.	MECL	NA
3.	AMD	NA
4.	State DMG/DGM/CGM	There is no ongoing or past exploration done in the area. No mining lease is there in the proposed area.
5.	NMEDT	No overlap with ongoing or previous work.

Recommendations of TCC-1:

The committee recommended the proposal entitled “Preliminary Exploration (G3) of Limestone in Bandha Block (3.54 sq. km) and Jamuniya Block (3.68 sq. km), District: Satna, Madhya Pradesh.” for approval of PSC, NMEDT with an estimated cost of ₹219.44 lakhs (including GST) within time schedule of 10 months for carrying out the proposed work and submission of report as per Annexure – 2A & 2B. The item will be reviewed after 5th month.

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Preliminary Exploration (G-3) of Limestone in Bandha Block (3.54 sq. km) and Jamuniya Block (3.68 sq. km), District: Satna, Madhya Pradesh. Total Area: 7.22 sq. km. Total Drilling: 1000 m; 12 boreholes (depth range 80–100 m) within Timeline of 10 months; Review after 5 months

S. No.	Item of Work	Unit	Rates as per NMET SoC 2025-26		Estimated Cost of the Proposal		Remarks
			SoC-Item -Sl No.	Rates as per SoC			
					Qty.	Amount (Rs)	
A	GEOLOGICAL WORK						
1	Geological Mapping (1:4000) with contouring, Borehole logging, sampling & Report writing	per sq. km.	1.1	18,300	7.22	1,32,126	
i	Charges for Geologist- Field	day	1.2.1 a	14,500	150	21,75,000	For two blocks and two geologist
ii	Charges for one Geologist - HQ	day	1.2.1 a	10,500	40	4,20,000	
iii	2 labours/ party (Rs 541/day/labour) (As per rates of Central Labour Commissioner)	day	5.8	541	300	1,62,300	
iv	Core Sampling -01 Sampler Labour charge not included	day	1.2.1 b	7,850	139	10,91,150	
v	4 labours/ party (As per rates of Central Labour Commissioner)	day	5.8	541	556	3,00,796	
2	Survey						
i	Topographical Survey including geological mapping	day	1.3.1	10500	40	420000	
ii	4 labours/ party (As per rates of Central Labour Commissioner)	day	5.8	541	160	86,560	
iii	Bore Hole Fixation and determination of co-ordinates & Reduced Level of the boreholes by DGPS and boundary coordinates	Per Point of observati on	1.3.2	24,000	19	4,56,000	12 BHs and 07 boundary points

	Sub Total- A					52,43,932	
B	DRILLING (in-house)						
i	Drilling upto 300m (1 rig)-Soft Rock	m	2.2.1.1c	5,500	1,000	55,00,000	Average 80m depth per borehole, if limestone continuig beyiong 80m all boreholes can be drilled upto 100m. 2 deeper BH will be reviewed during 1st review
ii	Land / Crop Compensation	per BH	5.6	30,000	12	3,60,000	As per actuals as certified by local authorities subject to a maximum of 30,000 per bore hole
iii	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2,000	19	38,000	12 BHs and 07 boundary points
iv	Transportation of Drill Rig & Truck associated per drill (2 rigs)		2.2.9 (2)	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drill Camp, Camp setting and winding, construction of Approach road and Drill core preservation)		11,00,000	For Drilling cost more than 50 Lakhs and less than 1 Crore : 20% of the Drilling Cost with a maximum ceiling of ₹ 15 lakh.
v	Monthly Accomodation Charges for drilling Camp (up to 2 Rig)						
vi	Drilling Camp Setting Cost (2 rigs)						
vii	Drilling Camp Winding up Cost (2 rigs)						
viii	Approach Road Making (Flat Terrain)						
ix	Core Preservation: One complete borehole plus mineralised cores of all the remaining Bhs (950 m to be preserved)						
	Sub Total- B					69,98,000	
C	LABORATORY STUDIES						
1	Chemical Analysis						
i	Primary & Check samples for Limestone						
	Major oxides (WD XRF)- (oxides+ traces -24 elements)	Nos	4.1.17a	4,200	10	42,000	Samples to be collected during mapping

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	Borehole Primary samples Major oxides (WD XRF)- (oxides+ traces -24 elements)	Nos	4.1.17a	4,200	950	39,90,000	
	External(10%) Check samples from NABL Lab Borehole Primary samples Major oxides (WD XRF)- (oxides+ traces -24 elements)	Nos	4.1.17a	4,200	95	3,99,000	
2	Physical & Petrological Studies						
i	Preparation of thin section	Nos	4.3.1	500	6	3,000	
ii	Complete petrographic /ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo microgrphs)	Nos	4.3.4	2,800	6	16,800	
iv	Bulk Density studies	Nos	4.8.3	2,500	4	10,000	
	Sub Total- C					44,60,800	
D	Total A to C					1,67,02,732	
E	Geological Report Preparation		5.2 (iii)	Total cost of the project exceeding ₹150 lakh ₹7.5 lakh		15,00,000	Reimbursement will be made after submission of the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMET. Considering preparation of 2 separate GR's
F	Peer review Charges		As per EC decision			60,000	Considering review of 2 separate GR's
G	Preparation of Exploration Proposal (5 Hard copies with a soft copy)	5 Hard copies with a soft copy	5.1	2% of the Cost or Rs. 5 Lakhs whichever is lower		3,34,055	

H	Total Estimated Cost without GST	1,85,96,787	
I	Provision for GST (18% of I)	33,47,422	GST will be reimburse as per actual and as per notified prescribed rate
J	Total Estimated Cost with GST	2,19,44,208	
		Say in Lakhs	219.44
Note:			
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.		
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.		
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 6 of NMEDT SoC. In case of execution of the project by NEA/NPEA on its own, a Certificate regarding non outsourcing of any component/project is required.		
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.		
5	Any item of work not mentioned above shall be added as per SoC.		
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency		

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Annexure 2B

Timeline for Preliminary Exploration (G-3) of Limestone in Bandha Block (3.54 sq. km) and Jamuniya Block (3.68 sq. km), covering a total area of 7.22 sq. km in District Satna, Madhya Pradesh

Sl. No.	Particulars	Months	1	2	3	4	5	REVIEW	6	7	8	9	10
1	Camp Setting/ mobilization	Months											
2	Geologist days (1 party)	days											
3	Survey Days (1 party)	days											
4	Drilling (01rig)	m											
5	Sampling days (1 party)	days											
6	Camp winding	Months											
7	Laboratory Studies	days											
8	Geologist days, HQ	days											
9	Report Writing with Peer Review	days											

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Agenda 85.1.4. Reconnaissance Survey (G4) of Graphite, Vanadium and associated minerals in Bhaluani Kalan area (32.70 Sq. Km Area), Palamu District, Jharkhand.

[Implementing Agency: MECL.]

- The proposed block falls in Survey of India TS No. 63P/16 and exposes rocks of Chotanagpur Granite Gneiss Complex (CGGC).
- The agency apprised the committee that the proposed block has been delineated from nearby ML graphite blocks around Bhaluani Kalan. The Rewaratu, Dulsulma, Lesliganj, and Ponchi blocks in Palamu district have already undergone G2-level exploration by DGM, Jharkhand.
- MECL informed the Committee that surface graphite mineralization was confirmed during the initial field visit, though extensions of the zone are concealed under thick soil cover. Geophysical surveys and trenching will therefore be needed to identify subsurface mineralized zones and improve the resource assessment. Seven surface samples were collected, and the analytical results have yielded FC% varying from 6.60 to 15.30.
- The committee was informed that the project was earlier discussed in TCC-II meetings.
- The Committee opined that, since the project was previously discussed in TCC-II, it should be further deliberated in the TCC-II meeting itself.

Sl. No.	Agency	Brief Comments
1.	GSI	GSI presently is not working within the coordinates of the proposed block.
2.	MECL	NA
3.	AMD	NA
4.	State DMG/DGM/CGM	State DGM representative present in meeting informed that there is no overlapping
5.	NMEDT	No overlap with ongoing or previous work.

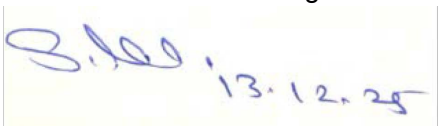
Recommendations of TCC-1:

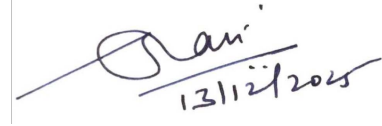
The committee reverted the proposal to TCC-II for further deliberations.

Agenda 85.1.5. Preliminary Exploration (G3) for Bauxite Resources in Tikirimali Block, District-Rayagada, Odisha.

[Implementing Agency: PRB Infraprojects Private Limited]

- The proposed block falls in Survey of India TS No. 65M/04 and exposes rocks of Eastern Ghat Mobile Belt (EGMB).
- The agency has proposed the area in two blocks viz., Block A (5.24 sq. km) and Block B (3.65 sq. km).
- The agency apprised the committee that DGM has conducted G4 exploration in the Tikirimali and Burharajamali plateaus during 2002–03 and 2013–14, confirming significant metallurgical-grade bauxite. The inferred resources were ~6.9 million tonnes (2002–03) and ~8.93 million tonnes (2013–14), with Al₂O₃ grades ranging from 34% to 53%.
- The area has been mapped at G4 stage by GSI and DGM. However, there is no overlap of work at G3 stage.

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- e. However, the Committee noted that the NE part of the block lies very close to an NMEDT-funded G3 bauxite block, where exploration has been carried out by OMC.
- f. The Committee opined that buffer zones should be maintained between blocks, as the absence of such separation could create difficulties if the block becomes auctionable. The area may be modified accordingly.
- g. The committee also suggested the agency to merge the A and B blocks, visit the ground, collect samples and present analysis in forthcoming TCC as DPR.

Sl. No.	Agency	Brief Comments
1.	GSI	No project for graphite and other mineral projects are carried out in the proposed area
2.	MECL	No overlapping
3.	AMD	No overlapping
4.	State DMG/DGM/CGM	No overlapping
5.	NMEDT	The NE part of the mapped area, lies in close vicinity to earlier explored NMEDT funded block.

Recommendations of TCC-1:

The committee deferred the proposal and suggested the agency to visit field, collect samples and present analysis in forthcoming TCC meeting. They may submit it as DPR.

Agenda 85.1.6. Preliminary Exploration (G3) For Graphite and associated minerals in Ankli Block, District- Dohad, Gujarat.

[Implementing Agency: GeoExpOre Pvt. Ltd.]

- a. The proposed block falls in Survey of India TS No. 46F/14 and exposes rocks of Rajgad Formation of Champaner Group.
- b. The proposal is based on encouraging results for F.C. of reconnaissance survey (G4) carried out by GSI in FS 2022-23.
- c. The agency apprised the committee that Graphite schist, quartz-mica schist, dolomite, quartzite bands are the host rocks and multiple graphite-bearing schist bands identified.
- d. The analytical results of BRS samples have yielded ~4-8% F.C. while the PTS samples have yielded 15-16% F.C., confirming widespread mineralisation.
- e. The block has been allocated to agency by CGM Gujarat.
- f. After thorough deliberations on the proposal the committee approved the proposal.

Recommendations of TCC-1:

The committee recommended the proposal entitled “Preliminary Exploration (G3) for Graphite and Associated Minerals in and around Ankli Block, Dahod District, Gujarat” for approval of PSC, NMEDT with an estimated cost of ₹310.37 lakhs (including GST) within time schedule of 12 months for carrying out the proposed work and submission of report as per Annexure – 3A & 3B. The item will be reviewed after 3rd, 6th and 9th month.

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Preliminary Exploration (G3) for Graphite and Associated Minerals In and Around Ankli Block, Dahod District, Gujarat [Area: 2.2 sq. km, Scale: 1:2000 No.of BH:16 nos., BH Depth: 1st level BH 60 m depth; 2nd level BH 150 m depth , Total drilling- 1300 m; Schedule timeline- 12 months Review: Every 3 months]							
S. No.	Item of Work *	Unit *	Rates as per NMET SoC 2025-26		Estimated Cost of the Proposal		Remarks
			SoC-Item No. *	Rates as per SoC * (a)	Qty. (b)	Total Amount (Rs) (a*b)	
A	Geological Mapping Other Geological Work & Surveying						Drilling plan will be decided after mapping
i	Geological mapping with contouring, (1:2000 scale) & Trenching , drilling work	per sq. km	1.1	18,300	2.20	40,260	
ii	Charges for Geologist per day (Field) for geological mapping & trenching work, drilling work	day	1.2.1a	14,500	120	17,40,000	
iii	Labours Charges; Base rate	day	5.8	541	240	1,29,840	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	40	4,20,000	
v	Charges for surveyour for mapping	day	1.3.1	10,500	30	3,15,000	
vi	Labours (Survey team)	day	5.8	541	120	64,920	
vii	Charges for one Sampler per day	one sampler per day	1.2.1b	7,850	94	7,37,900	
viii	Labours (4 Nos) (for sample processing)	day	5.8	541	376	2,03,416	
	Sub Total- A					36,51,336	

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B	Ground Geophysical Survey						
i	I.P. cum-resistivity, S.P., magnetic (8-10 line km)	8-10 Line Km	3.4 b	14,48,693	1	14,48,693	
	Sub Total- B					14,48,693	
C	Survey work						
i	DGPS Survey for BH fixation & RL determination	Per Point of observation	1.3.2	24,000	23	5,52,000	16 Boreholes+1 Base station+ 6 cardinal points = 23
	Sub-Total C					5,52,000	
D	Trenching/Pitting						
i	Excavation of Trenches	per cu.m	2.1.1	4125	100	4,12,500	
	Sub-Total D					4,12,500	
E	DRILLING (after review) (in-house)						
i	Drilling (Hard Rock) (HQ size)	per m	2.2.1.1d	10,000	1,300	1,30,00,000	16 BH
ii	Land / Crop Compansation (in case the BH falls in agricultural Land)	per BH	5.6	30,000	16	4,80,000	As per actuals as certified by local authorities subject to a maximum of 30,000 per bore hole
iii	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2,000	16	32,000	As per actuals
iv	Transportation of Drill Rig & Truck associated per drill (2 rigs)	lumpsum	2.2.9	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drill Camp, Camp setting and winding, construction	19,50,000		For Drilling cost more than 1 Crore and less than 2 Crores : 15% of the Drilling Cost with a maximum ceiling of ₹ 20 lakh.
v	Monthly Accomodation Charges for drilling Camp (up to 2 Rigs)						
vi	Drilling Camp Setting Cost						
vii	Drilling Camp Winding up Cost						
viii	Road Making (Flat Terrain)						

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ix	Drill Core Preservation (800 m to be preserved) (1 complete BH + mineralised zones from other boreholes)			of Approach road and Drill core preservation)			
	Sub Total E					1,54,62,000	
F	LABORATORY STUDIES						
1	Chemical Analysis						
i)	Geochemical Sampling-Surface samples (Bedrock/Soil/SS)						
a)	Proximate analyses of BRS for Graphite, VM, FC, Moisture & Ash	Nos	4.1.18	3,614	75	2,71,050	Surface samples
b)	Major oxides (WD XRF)- (oxides+ traces -24 elements)	Nos	4.1.17 a	4,200	10	42,000	
ii)	Surface Check samples (10% External)						
a)	Proximate analyses of BRS for Graphite, VM, FC, Moisture & Ash	Nos	4.1.18	3,614	8	28,912	
iii)	Trench & Check Samples from Trench						
	Trench Samples						
a)	Proximate analyses of BRS for Graphite, VM, FC, Moisture & Ash	Nos	4.1.18	3,614	80	2,89,120	
iv)	Trench Check samples (10% External)						
a)	Proximate analyses of BRS for Graphite, VM, FC, Moisture & Ash	Nos	4.1.18	3,614	8	28,912	
v)	BH Core samples						
a)	Proximate analyses of BRS for Graphite, VM, FC, Moisture & Ash	Nos	4.1.18	3,614	500	18,07,000	
vi)	BH Core samples (10% External)						

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a)	Proximate analyses of BRS for Graphite, VM, FC, Moisture & Ash	Nos	4.1.18	3,614	50	1,80,700	
b)	XRD Studies	Nos	4.5.2	4,000	10	40,000	
c)	HR-ICP MS (REE & Trace)	Nos	4.1.14	7,400	25	1,85,000	
2	Physical & Petrological Studies						
i	Preparation of thin section	Nos	4.3.1	500	10	5,000	
ii	Complete petrographic /ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo micrographs)	Nos	4.3.4	2,800	10	28,000	
iii	Preparation of polish section	Nos	4.3.2	800	10	8,000	
iv	Complete petrographic /ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo micrographs)	Nos	4.3.4	2,800	10	28,000	
vii	Bulk Density	Nos	4.8.3	2,500	5	12,500	
viii	EPMA studies	per hour	4.4.1	10,500	10	1,05,000	
	Sub Total F					30,59,194	
G	Beneficiation Studies	Nos	4.7.2 Actual expenses as per IBM rate	4,36,590	1	4,36,590	Rate of IBM (without tax) is taken as tax on overall cost is levied
H	Total A to G					2,50,22,313	

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I	Geological Report Preparation	5 Hard copies with a soft copy	5.2	5.2 (iii)		7,50,000	Total cost of the project exceeding ₹150 lakh ₹7.5 lakh
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		5,00,000	EA will be reimbursed after submission of the Hard Copies and the soft copy of the final proposal along with Maps and Plan as suggested by the TCC-NMET in its meeting while clearing the proposal.
L	Total Estimated Cost without GST					2,63,02,313	
M	Provision for GST (18% of L)					47,34,416	GST will be reimburse as per actual and as per notified prescribed rate
N	Total Estimated Cost with GST					3,10,36,729	
				or Say Rs. In Lakhs		310.37	
Note:							
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.						
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.						
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 6 of NMEDT SoC. In case of execution of the project by NEA/NPEA on its own, a Certificate regarding non outsourcing of any component/project is required.						
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.						
5	Any item of work not mentioned above shall be added as per SoC.						
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency						

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Annexure-3B

Timeline for Preliminary Exploration (G3) for Graphite and Associated Minerals In and Around Ankli Block, Dahod District, Gujarat																	
S. No.	Nature of work		1	2	3	REVIEW	4	5	6	REVIEW	7	8	9	REVIEW	10	11	12
1	Camp Setting	Months/Days															
2	Geological Mapping & Sampling	days															
3	Geophysical survey	L.km															
4	Geological Party Days (HQ)	Days															
5	Laboratory Studies	Months															
6	Channel Sampling	Months															
7	Exploratory Drilling	months															
8	Camp Winding	days															
9	Beneficiation Studies																
10	Report Writing with Peer Review	months															

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Agenda 85.1.7. Preliminary Exploration (G3) For Basemetal and associated minerals in Lakher, Arniya Salarawas block, District Jaipur, Rajasthan.
[Implementing Agency: Hindmetal Exploration Services Private Limited]

- a. The proposed block falls in Survey of India TS No. 45M/16 and exposes rocks belonging to the Delhi Supergroup intruded by Post Delhi Pegmatite and quartz veins.
- b. The committee was apprised that DMGR has not given consent for this proposal as the area completely overlaps with the proposed exploration blocks for 2026-27.
- c. The committee opined that, if the area is not taken up by DMG Rajasthan for 2026-27, the agency may take up the area for further exploration.

Recommendations of TCC-1:

The committee did not approve the proposal.

Agenda 85.2: Proposal under scheme for partial reimbursement of exploration expenses for the holder of composite licenses

Agenda 85.2.1. Reconnaissance Survey for Lithium and REE in Katghora area, Korba District, Chhattisgarh.
[Implementing Agency: Maiki South Mining Pvt. Ltd. (CL Holder)]

- a. The agency informed that they are proposing partial reimbursement of exploration expenses for holders of Composite Licences under NMEDT scheme.
- b. The proposal had earlier been discussed in 83rd meeting of TCC-I.
- c. The committee reviewed the proposal and opined that the exploration scheme carried out by the agency should be discussed by the Technical-cum-Cost Committee (TCC) of NMEDT for technical validation and alignment with NMEDT guidelines. The progress of work should be periodically reviewed by the TCC to ensure alignment with approved objectives and technical standards.
- d. The committee suggested the agency to submit the scheme that has been submitted to IBM.
- e. The agency was also informed that the costing would be done as per rate prescribed in new SoC.
- f. The agency informed that they would be able to present the cost sheet as per the revised SoC in the upcoming TCC meetings.

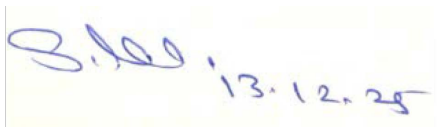
Recommendations of TCC-1:

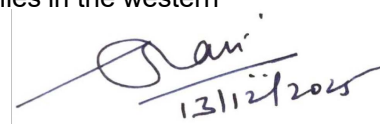
The agency informed that they would be able to present the cost sheet as per the revised SoC of NMEDT in upcoming meeting of TCC. The committee deferred the proposal.

Agenda 85.3: Project Evaluation for In-Principle Approval

Agenda 85.3.1. Reconnaissance Survey (G4) for targeting possible KCR bodies in and around previously known reported site of Chrome Diopside and associated KIM's in Sunwaha Block (95 Sq. Km.) in parts of Chhatarpur District of Madhya Pradesh
[Implementing Agency: Gemcokati Exploration Pvt. Ltd.]

- a. The proposed block falls in Survey of India TS No. 54P/4 and the area lies in the western





- b. margin of extended NE-SW Panna Diamond Field south of Bunder and Saptarshi cluster of Rio Tinto.
- c. The area falls between two NE-SW parallel lineaments along the high Bouguer Gravity anomaly.
- d. The committee suggested to seek comments from NMDC and MPSC for any ongoing exploration being taken up in the proposed block as these agencies are actively working in the proposed area.

Sl. No.	Agency	Brief Comments
1.	GSI	No overlapping is observed in the proposed area.
2.	MECL	MECL had not carried out exploration in the given area.
3.	AMD	NA
4.	State DMG/DGM/CGM	The department has no previous exploration/ investigation information and there is no ongoing exploration work by the department for KIM/ Diamond or other mineral in the proposed area.

Recommendations of TCC-1:

The committee recommended to seek comments from NMDC and MPSC for any overlapping and ongoing exploration being taken up in the proposed block and suggested to bring DPR in the next TCC meeting.

Agenda 85.3.2. Reconnaissance Survey (G4) for Wollastonite, Garnet and associated minerals in Kalesara area, Ajmer District, Rajasthan.

[Implementing Agency: Envirogreen Consultants (India) Private Limited]

- a. The proposed block falls in Survey of India TS No. 45J/07 and comprises of the rocks of Sendra Formation of Kumbhalgarh Group of the Delhi Supergroup of Paleoproterozoic – Mesoproterozoic age.
- b. The agency informed that as per the GSI study (Bhukosh Portal data) the lithology within the proposed mainly comprises of Marble, Limestone, Mica Schist / Schist Calc-gneiss, Calc-schist Pegmatite Quartzite Epidiorite, amphibolite, pyroxene, Granulite, Gabbro and hornblende Schist. The present running mine of Wollastonite is mainly present over the lithology of Marble & Limestone.
- c. The committee opined that the area of 19 sq. km. is less for G4 stage exploration.
- d. The committee suggested Envirogreen Consultants (India) Private Limited to visit the area, collect samples and analyse, identify the host rock and the mineralized zone. Based on the analysis, the area can be proposed for G3 stage exploration.

Sl. No.	Agency	Brief Comments
1.	GSI	This area may be potential for wollastonite and associated mineralization based on the litho-package present in the proposed area.
2.	MECL	As per the given data by the NPEA, MECL had not carried out exploration in the given area.
3.	AMD	NA
4.	State DMG/DGM/CGM	There is no ongoing exploration and the proposed block area is suitable for Wollastonite & Garnet as per

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		exploration activities by DMGR. 21.0613 hectares' area of held ML fall within this proposal area.
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Recommendations of TCC-1:

The committee suggested the agency to visit the area, collect and analyse the samples, identify the host rock and the mineralized zone. Based on the analytical results, the area may be proposed for G3 stage exploration.

Agenda 85.3.3. Preliminary Exploration (G3) for Base metals and associated mineralization in Jotri –Peepal Block, District- Deeg, Rajasthan.

[Implementing Agency: Steiger Geoscience and Engineering Private Limited]

- The proposed block falls in Survey of India TS No. 54A/14 & 54 E/2.
- The committee found the area promising as multiple old workings are present in the area.
- The committee suggested to collect samples and based on the positive outcome of the analytical results, the area may be narrowed down to 3 to 4 sq. km. and proposed for G3 stage exploration.

Sl. No.	Agency	Brief Comments
1.	GSI	GSI has already carried out exploration drilling for lead within the proposed NPEA block. The GSI block from FS 1975–77 falls within the proposed NPEA G-3 project area. During GSI drilling, a total of 627.30m in five bore hole, three drilled in Jotri and two in Piraka areas. Only a few lean zones of pyrite, pyrrhotite and subordinate chalcopryrite are intersected in the areas which do not have any economic significance. The anticipated lead mineralization has not been intersected in any of the boreholes. Therefore, no further work in the area was proposed and investigation was closed. Thus, based on the past baseline/exploration data, the proposed area does not seem much feasible for taking up G3 stage project for Base metals and Associated Mineralization. Therefore, the proposed G3 project requires reconsiderations.
2.	MECL	MECL has not carried out exploration in the proposed block.
3.	AMD	NA
4.	State DMG/DGM/CGM	i. This area is covered under multiple old workings and was explored by DMGR during the field session 2007-08 to 2016-17, result of chemical analysis of 21 spot samples revealed Pb in 15 samples varying from 0.23 to 9.5% and silver was found in all the samples with 0.95 to 11.25 ppm. ii. GSI explored this area during the year 1975 to 1977, a total 821.90 meters drilling was done in five boreholes (Jotri block 440.80 meters and Piruka block 381.10 meters). The anticipated lead mineralization was not intersected in any of the borehole; no geophysical tool was utilized to define the

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		target areas or to reduce the target area in lateral and vertical extent to facilitate drilling. iii. As per view of DMGR based on the part baseline/ exploration data of DMGR & GSI and keeping in view of Basemetal indication in old workings, presence of Galena in form of veinlets, proved chemical analysis results, the area warrants further exploration by mapping, geophysical survey and drilling.
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Recommendations of TCC-1:

The committee recommended the agency to collect samples and based on the positive outcome of analysis, Steiger Geoscience and Engineering Private Limited may submit DPR in the upcoming TCC meeting.

Agenda 85.3.4. Reconnaissance Survey (G4) for Glauconitic sandstone (Potash) and associated minerals around Muriandev-Jawarin villages, Satna District, Madhya Pradesh.

[Implementing Agency: APC Drilling & Construction Private Limited]

- The proposed block falls in Survey of India TS No. 63D/09.
- The proposed area lies to the NW of GSI Reconnaissance Survey for Glauconites in the Pindra –Bambiha Areas of Satna District of M.P. and Chitrakoot District of Uttar Pradesh” (Stage: G-4) & MECL investigated blocks and Southern (adjacent) area of STM carried out by GSI (2014-2016).
- The committee suggested the agency to visit field, collect samples and based on the analytical results, the agency can submit DPR in the upcoming TCC meeting with all the relevant data.

Sl. No.	Agency	Brief Comments
1.	GSI	There is no ongoing exploration in the proposed area.
2.	MECL	The block proposed by M/S APC Drilling and Construction Private Limited is not overlapping with MECL explored block and ongoing blocks.
3.	AMD	NA
4.	State DMG/DGM/CGM	i. There is no ongoing exploration work by the department for Glauconite or other mineral in the proposed area. ii. There is no mineral concession overlapped with proposed area.

Recommendations of TCC-1:

The committee suggested the agency to visit field, collect samples and based on the outcome of analysis, APC Drilling & Construction Private Limited may submit DPR.

Agenda 85.3.5. Preliminary Exploration (G3) for REE mineralization in Anandpur Block, District- Balrampur Ramanuj Ganj, Chhattisgarh.

[Implementing Agency: APC Drilling & Construction Private Limited]

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- a. The proposed block falls in Survey of India TS No. 63P/08.
- b. The proposed area has complete overlapping with already explored block of GSI.

Sl. No.	Agency	Brief Comments
1.	GSI	i. >100% overlapping found in the proposed Block with GSI previous works of 2021-22. ii. >99% overlapping found in the proposed Block with GSI previous works of 2019-20. iii. No overlapping found in the proposed Block with GSI previous works of 2023-24.
2.	MECL	The block proposed by M/S APC Drilling and Construction Private Limited is not overlapping with MECL explored block and ongoing blocks.
3.	AMD	AMD has carried out reconnaissance radiometric survey during Annual Programme 1999-2000 in the proposed block. Samples analysed U_3O_8 up to 0.13% and ThO_2 up to 0.035% (n=10). There is no ongoing exploration / reconnaissance project.
4.	State DMG/DGM/CGM	DGM has carried out G4 stage exploration in the area and results of REE & RM samples is awaited.

Recommendations of TCC-1:

The committee did not recommend the proposal.

Agenda 85.3.6. Reconnaissance Survey (G4) of REE/RM in Harmant Nagar area, Balotra and Barmer districts, Rajasthan.

[Implementing Agency: Enkay Enviro Services Pvt. Ltd]

- a. The proposed block falls in Survey of India TS No. 45B/04.
- b. The proposed block comprises of mainly igneous rocks (Malani Igneous Suite, Neoproterozoic; Sarnu-Dandali Alkaline Complex, Tertiary) and sedimentary rocks (Marwar Supergroup, Fatehgarh Formation). However, over 95% of the study area is concealed under aeolian sand, with limited rock exposures.
- c. The committee did not find the area potential for REE & RM mineralization.

Sl. No.	Agency	Brief Comments
1.	GSI	i. It is noted that M/s Enkay Enviro Services Pvt. Ltd. had earlier submitted G-3 stage exploration project proposal in the same block and has now submitted a modified G-4 stage proposal over nearly the same 22.0 sq. km area. ii. However, GSI RMT borehole data within the proposed G-4 block do not indicate the presence of any anomalous REE zone, and the average Sn (Tin) concentration remains limited to 13.4 ppm.
2.	MECL	MECL has not carried out exploration in the proposed area.
3.	AMD	AMD has not carried out reconnaissance / exploration work in the proposed area. There is no ongoing exploration / reconnaissance project

4.	State DMG/DGM/CGM	i. DMGR has not carried out any exploration for mineral REE/RM and Associated Mineralisation in this area. ii. No mineral concessions, litigations fall in the proposal area.
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Recommendations of TCC-1:

The committee did not recommend the proposal.

Agenda 85.3.7. Reconnaissance Survey (G4) of REE/RM in Variya, Bhakhri Kheda area, Balotra District, Rajasthan.

[Implementing Agency: Enkay Enviro Services Pvt. Ltd]

- The proposed block falls in Survey of India TS No. 45C/01, 45C/02.
- The study area consists of exposures from the Malani Igneous Suite (MIS) alongside fine aeolian sands of the Thar Desert.

Sl. No.	Agency	Brief Comments
1.	GSI	i. The proposed G4 area by M/s Enkay Enviro Services Pvt. Ltd is mostly soil covered. The Nakoda G4 stage block of GSI lies in the north of proposed block and shows some encouraging values for REE in Rhyolites, tuffs and pyroclastic breccia but G3 stage exploration could not be taken up due to inaccessibility of area for drilling. ii. The proposed G-4 block by M/s Enkay Enviro Services Pvt. Ltd. is showing a slight overlap with the Kaluri Tapra G-4 block of GSI. Approximately 4.0 sq km out of the total proposed 20.7 sq km area falls within the existing GSI block.
2.	MECL	MECL is not carrying out exploration in the proposed block.
3.	AMD	i. The proposed area falls 20 km west of the Bhatikhera Block explored by AMD. Geological Report (GR) on exploration carried out by AMD in Bhatikhera area, Siwana Ring Complex has been submitted to Government of Rajasthan and Ministry of Mines. ii. Siwana Ring Complex is under active exploration for U & Critical minerals in different blocks by Atomic Minerals Directorate for Exploration and Research.
4.	State DMG/DGM/CGM	One held mining lease of mineral Masonary stone falls within this proposal area. No other litigation conflicts with this proposal area.

Recommendations of TCC-1:

The committee accorded in-principle approval to the proposal and suggested the agency to exclude the area overlapping with GSI's explored block and present the Detailed Project Report (DPR) in the forthcoming TCC meeting synthesizing all data.

Agenda 85.3.8. Reconnaissance Survey (G4) for Basemetal and associated minerals in the Toran Talab area, Udaipur District, Rajasthan.

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[Implementing Agency: GeoExpOre Pvt Ltd]

- a. The proposed block falls in Survey of India TS No. 45H/11.
- b. GSI has carried out LSM in the area proposed by the agency.
- c. The committee suggested GeoExpOre Pvt Ltd to consult the reports of GSI and other exploration agencies in the nearby area and demarcate gap area and then submit proposal.

Sl. No.	Agency	Brief Comments
1.	GSI	i. During FS 2024-25, Large Scale Mapping of an area of 100 km ² on a scale of 1:12,500 along with collection of 64 nos. of bedrock and 102 nos. of channel samples. A total of 42 nos. of petrochemical samples, 45 nos. of petrological and 5 nos. of XRD samples were collected. The report preparation is under progress. ii. Based on surface evidence, the area appears to have potential for base metal and associated mineralization; however, approximately 70% of the proposed block by NPEA has already been covered by large-scale mapping in the Devimata–Pipaldaran block during FS 2016–17.
2.	MECL	MECL has not carried out exploration in the proposed block.
3.	AMD	NA
4.	State DMG/DGM/CGM	i. This proposal area conflicts partly with mining leases for mineral Lead, Zinc, Silver. This proposal area conflicts with Aravali and with forest. ii. Consent for exploration for this proposal is not given as the proposal area conflicts with Aravali status.

Recommendations of TCC-1:

The committee did not recommend the proposal.

Agenda 85.3.9. Preliminary Exploration (G3) for Lithium, Tungsten, Tantalum and associated mineralization in and around Balda Block, District Sirohi, Rajasthan.

[Implementing Agency: GeoExpOre Pvt Ltd]

- a. The proposed block falls in Survey of India TS No. 45D/13.
- b. The area proposed by M/s Geo Exp Ore Pvt. Ltd does not appear to be uniformly potential for mineralization. The agency has proposed a relatively large area (14.16 sq km) for G-3 stage investigation.
- c. The committee suggested to explore the south eastern part of the proposed area for any potential.

Sl. No.	Agency	Brief Comments
1.	GSI	i. The area has already been subjected to detailed exploration for tungsten by GSI and MELC during 1980–1992. Further, during the UNFC G4 stage investigation (Field Season 2022–23), encouraging analytical results were obtained, indicating the

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		presence of tungsten, lithium, and other associated elements. ii. GSI had considered the area promising for further follow-up work. However, it is important to note that more than 90% of the area falls under protected forest, characterized by dense vegetation and difficult terrain, where the presence of wildlife such as bears has been reported.
2.	MECL	The block proposed by M/s Geo Exp Ore Pvt. Ltd. is not overlapping with MECL explored block and ongoing blocks.
3.	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block
4.	State DMG/DGM/CGM	No mineral concession fall in this proposal area. 12.28 sq. km. area of this proposal block falls in forest and this proposal area comes within 10 km. buffer zone of Jawai Leopard Conservation Reserve-II. 11.59 sq. km. area of this proposal block conflicts with Aravali status.

Recommendations of TCC-1:

The committee did not recommend the proposal.

Agenda 85.3.10. Reconnaissance Survey (G4) for Tungsten and associated minerals in and around Talbahat area, Lalitpur District, Uttar Pradesh.

[Implementing Agency: GeoExpOre Pvt Ltd]

- The proposed block falls in Survey of India TS No. 54 K/08.
- GSI has carried out reconnoitry survey of quartz reefs in Bundelkhand Granitoid Complex (BGC) during FS 2000-2001, the study covered a total area of 50 sq. km through large-scale mapping at 1:25,000/50,000 scales and involved the collection of 27 samples for petrological studies and 201 samples for geochemical analysis.
- The committee suggested GeoExpOre Pvt Ltd to visit field, collect channel samples from the pegmatite zone, study the sections exposed, exclude the water bodies and submit a revised proposal with all the relevant data.

Sl. No.	Agency	Brief Comments
1.	GSI	The area is overlapping with GSI's explored block.
2.	MECL	M/s. Geo Exp Ore Pvt. Ltd. is not overlapping with MECL explored block and ongoing blocks.
3.	AMD	The proposed block overlaps with already explored block of AMD for uranium. However, grab samples analysed U values less than the threshold.
4.	State DMG/DGM/CGM	No Composite License or Mining Lease for either Major or Minor minerals is given in the proposed area.

Recommendations of TCC-1:

The committee did not recommend the proposal.

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Agenda 85.3.11. Preliminary Exploration (G3) of Limestone in Mander Block, District Porbandar, Gujarat.

[Implementing Agency: Mining Associates Private Limited]

- a. The proposed block falls in Survey of India TS No. 41G/15.
- b. CGM, Gujarat informed that, the proposed block has been carved out by CGM, Gujarat and is yet to be allotted to any exploration agency.
- c. The committee opined to keep the proposal on hold until the allotment is done by CGM, Gujarat.

Sl. No.	Agency	Brief Comments
1.	GSI	GSI has not carried out any exploration in the proposed area.
2.	MECL	The block proposed by M/s Mining Associates Private Limited is not overlapping with MECL explored block and ongoing blocks.
3.	AMD	NA
4.	State DMG/DGM/CGM	Representative of state CGM informed that the proposed block has been carved out by CGM, Gujarat and is yet to be allotted to any exploration agency.

Recommendations of TCC-1:

The committee kept the proposal on hold until the allotment of the block by CGM, Gujarat.

Agenda 85.3.12. Reconnaissance Survey (G4) for Bauxite in Maleta area, Dev Bhumi Dwarka District, Gujarat.

[Implementing Agency: Mining Associates Private Limited]

- a. The proposed block falls in Survey of India TS No. 41F/08.
- b. CGM, Gujarat informed that, the proposed block has been carved out by CGM, Gujarat and is yet to be allotted to any exploration agency.
- c. The committee opined to keep the proposal on hold until the allotment is done by CGM, Gujarat.
- d. The project was not presented by M/s. Mining Associates Private Limited.

Recommendations of TCC-1:

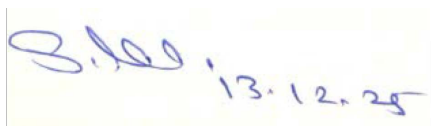
The committee kept the proposal on hold until the allotment of the block by CGM, Gujarat.

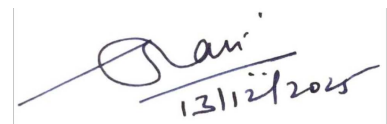
Agenda 85.4: Review of Procurement Project & Timeline Extension

Agenda 85.4.1. Procurement of Handheld XRF Analyser

[Implementing Agency: GSI]

- a. GSI informed that the procurement project was approved in the 37th EC Meeting held on 23rd September, 2024. The Sanction Order was issued on 17th October, 2024 with timeline of 12 months (up to 16.10.2025) and approved cost was INR 1593.43 Lakhs. The cost included warranty & AMC.

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- b. The committee was apprised that the tender bid was floated on 06.12.2024 and only four bidders participated and one bidder (IR Technology Services Pvt. Ltd.) qualified. The other bidders were disqualified due to non-submission of documents.
- c. Queries were raised from Ministry of Mines on 08.09.2025 and 18.09.2025 and finally after receipt of reply from GSI, MoM has directed GSI for retendering for procurement on 13.10.2025.
- d. The agency sought an extension for completion of procurement.
- e. The committee discussed the issue and after a thorough deliberation, extended the timeline upto 31.12.2026.

Recommendations of TCC-1:

The committee recommended timeline extension of 12.5 months upto 31.12.2026 to Project Sanctioning Committee (PSC) of NMEDT for approval. The timeline extension is recommended for completion of procurement project.

Agenda 85.4.2. (Addl. Agenda). Financial Assistance from NMET funds to procure Machinery Laboratory Equipment/instruments etc. aimed at enhancing the exploration activities.

[Implementing Agency: IBM]

- a. IBM informed that the procurement project was approved in the 39th EC Meeting held on 24th January, 2025. The Sanction Order was issued on 27th February, 2025 with timeline of 24 months (up to 26.02.2027) and approved cost was INR 2993 Lakhs. The approved amount is inclusive of all taxes, custom duties with warranty as applicable.
- b. IBM apprised the committee that as per the said approved project, procurement of Fluidized Bed Roasting Unit with cylinders & accessories equipment is in process through GeM bidding.
- c. However, after price negotiation through GeM, the qualified L1 bidder has quoted final price of Rs. 105 Lakh including all taxes, installation, commissioning & warranty.
- d. The approved cost of the equipment is Rs.100 Lakh. The price quoted by the L1 bidder is only 5% higher than the approved estimated cost.
- e. IBM sought approval of additional amount of Rs. 5 Lakh for placing Order on GeM.
- f. The committee after discussion recommended the additional cost of Rs 5 Lakh for procurement of Fluidized Bed Roasting Unit with cylinders & accessories.

Recommendations of TCC-1:

The committee recommended the additional cost of Rs. 5,00,000/- for procurement of Fluidized Bed Roasting Unit with cylinders & accessories. The cost of the instrument is enhanced from Rs. 100 Lakh to 105 Lakh. The overall cost of procurement project is revised from Rs. 2993 lakh to Rs. 2998 lakh (escalation of 0.16%). The revised cost of project is recommended to Project Sanctioning Committee (PSC) of NMEDT for approval.

Agenda 85.5: Review of Ongoing Projects/ Completed Project & Timeline Extension

Agenda 85.5.1. Preliminary Exploration (G3) for Glauconitic Sandstone in Jhari block (5.1 sq.km), Satna district, Madhya Pradesh.

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[Implementing Agency: MECL]

- a. MECL informed that the project was approved in the 35th EC Meeting held on 16th May, 2024. The Sanction Order was issued on 4th June, 2024 with timeline of 9 months (up to 03.03.2025) and approved cost was INR 72.40 Lakhs. Timeline extension was approved upto 30.09.2025 during 43rd EC meeting.
- b. MECL informed that 1918 million tonnes of reconnaissance resources with average grade of 6.96% K₂O has been estimated with an average glauconitic zone thickness of 24.65 m.
- c. MECL apprised the committee that the report has been peer reviewed.
- d. The agency sought timeline extension upto 15.12.2025.
- e. The comments and their compliance was discussed and the committee stated that the GR may be submitted.

Recommendations of TCC-1:

The committee approved the final submission of Geological Report (GR). The committee recommended timeline extension of 2.5 months upto 15.12.2025 to Project Sanctioning Committee (PSC) of NMEDT for approval. The timeline extension is recommended for GR submission.

Agenda 85.5.2. Reconnaissance Survey (G-4) for Gold in Bargur Block, Bargur Belt of Kolar Schist Belt, District- Krisnagiri, Tamil Nadu.

[Implementing Agency: MECL]

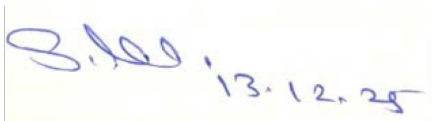
- a. MECL informed that the project was approved in the 33rd EC Meeting held on 19th February, 2024. The Sanction Order was issued on 27th February, 2024 with timeline of 12 months (up to 26.02.2025) and approved cost was INR 250.28 Lakhs. Timeline extension was approved upto 25.10.2025 during 43rd EC meeting.
- b. BH intersections in sulphide bearing zones in amphibolites with quartz veins yielded only low, discontinuous gold values (10–55 ppb) and moderate REE contents (121–709 ppm), indicating overall unpromising Au mineralization.
- c. MECL apprised the committee that the report has been peer reviewed.
- d. The comments and their compliance was discussed and the committee stated that the GR may be submitted.
- e. The agency sought timeline extension upto 15.12.2025.

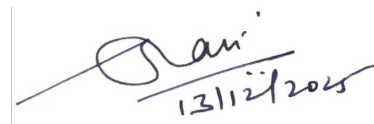
Recommendations of TCC-1:

The committee approved the final submission of Geological Report (GR). The committee recommended timeline extension of 1.5 months upto 15.12.2025 to Project Sanctioning Committee (PSC) of NMEDT for approval. The timeline extension is recommended for GR submission.

Agenda 85.5.3. Reconnaissance Survey (G-4) for Tungsten, REE and associated minerals in and around Nellie area (114.96 sq. km), Morigaon and West Karbi Anglong districts, Assam.

[Implementing Agency: MECL]

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- a. MECL informed that the project was approved in the 37th EC Meeting held on 23rd September, 2024. The Sanction Order was issued on 22nd October, 2024 with timeline of 10 months (up to 21.08.2025) and approved cost was INR 264.31 Lakhs.
- b. The committee noted that the project timeline expired on 21.08.2025, and the agency has not reported for review to date, which the committee viewed as a serious concern.
- c. MECL apprised the committee that The block is predominantly underlain by Neo-Proterozoic to early Palaeozoic Nongpoh porphyritic granitoids showing NE–SW magmatic foliation, with additional units of AMGC migmatite/granite gneiss in the north and Shillong Group quartzites in the south, all locally intruded by pegmatites, aplites, quartzo-feldspathic/quartz veins, and meta-dolerite.
- d. Stream sediments show very high $\Sigma\text{REE}+\text{Y}$ values (597–2385 ppm; avg 1176 ppm) with elevated Ba (755–2359 ppm; avg 1389 ppm), Sn (169–350 ppm; avg 268 ppm) and W (2.1–196 ppm; avg 32 ppm), soils exhibit more consistent $\Sigma\text{REE}+\text{Y}$ (925–1837 ppm; avg 1292 ppm) with high Ba (397–1828 ppm; avg 814 ppm) and Sn (217–384 ppm; avg 283 ppm), and bedrock chips contain $\Sigma\text{REE}+\text{Y}$ of 25–699 ppm (avg 325 ppm) with notably high W (up to 746 ppm; avg 242 ppm), collectively indicating REE-enriched granite. The values also indicate that the weathering and surface concentration have upgraded REE in soil/regolith with surface weathering-driven concentration.
- e. MECL informed the committee that two potential zones (Zone-I: 20 sq km; Zone-II: 5 sq km) have been identified for further evaluation, requiring auger drilling and a separate G3 exploration proposal would be submitted to TCC.
- f. It was also informed by agency that the heavy-mineral separation laboratory is yet to be finalized due to quotations exceeding NMET-approved costs; therefore, an extension up to 28 February 2026 is sought for GR submission.
- g. The committee reviewed the progress of project and observed that the two zones are weathered profile above granite.
- h. The committee suggested that the agency should do Auger drilling of 200 m covering the whole area. The committee opined that instead of upgradation to G3 stage, G4 item should be concluded by Auger drilling.
- i. The committee approved timeline extension upto 28.02.2026 for completion of Auger drilling, compilation of data and submission of GR.

Recommendations of TCC-1:

The committee recommended timeline extension of 6 months upto 28.02.2026 to Project Sanctioning Committee (PSC) of NMEDT for approval. The timeline extension is recommended for completion of Auger Drilling, data compilation and GR submission.

Agenda 85.5.4. Reconnaissance survey (G4) for Glauconitic Sandstone in Kisanpur Block, Satna District, Madhya Pradesh.

[Implementing Agency: MECL]

- a. MECL informed that the project was approved in the 38th EC Meeting held on 29th November, 2024. The Sanction Order was issued on 13th December, 2024 with timeline of 10 months (up to 12.10.2025) and approved cost was INR 91.39 Lakhs.
- b. MECL informed the committee that the GR has been submitted for peer review. The comments from reviewer is not received yet.

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- c. The committee advised the agency to return for review after fully complying the reviewer's comments.

Recommendations of TCC-1:

The committee deferred the project review until the peer reviewer's comments are received.

Agenda 85.5.5. Preliminary Exploration (G3) for REE Mineralization in Maravapaliyam Block, Tiruppur District, Tamil Nadu.

[Implementing Agency: MECL]

- a. MECL informed that the project was approved in the 37th EC Meeting held on 23rd September, 2024. The Sanction Order was issued on 22nd October, 2024 with timeline of 12 months (up to 21.10.2025) and approved cost was INR 125.17 Lakhs.
- b. MECL apprised the committee that mapping and topography survey of 2 sq. km. (on 1:2000 scale) has been completed. However, out of 50 proposed auger boreholes in 200*200m grid, only 24 were completed as land owners didn't permit to drill. These 24 samples are being processed for heavy mineral separation by magnetic and gravity.
- c. Chemical analysis of trench samples is completed and results are encouraging. The TREE value of upto 3671 ppm is reported in trench samples.
- d. The committee reviewed the work progress and advised the agency to seek support from the State DGM to engage and convince local village heads and residents for drilling activities.
- e. The committee also instructed the agency to submit in details that why they could not complete the work and what communication has been done from their end to get permission of drilling from local authorities and people.
- f. The committee instructed the agency to provide detailed justification for the incomplete work and to submit all communications made by them to obtain drilling permission from local authorities and residents.
- g. The committee approved the timeline extension of 6 months, i.e., upto 21.04.2026, subject to submission of justification for delay in work to NMEDT secretariat.

Recommendations of TCC-1:

The committee recommended timeline extension of 6 months upto 21.04.2026 to Project Sanctioning Committee (PSC) of NMEDT for approval. The recommendation of timeline extension is subjected to submission of justification for delay in work to NMEDT secretariat.

Agenda 85.5.6. Reconnaissance Survey (G4) for Bauxite, Ga, V, Ti & REE in Lakhond area, Kachchh District, Gujarat

[Implementing Agency: Critical Mineral Trackers]

- a. CMT informed that the project was approved in the 39th EC Meeting held on 24th January 2025. The Sanction Order was issued on 10th February, 2025 with timeline of 10 months (up to 9.12.2025) and approved cost was INR 0.68 Crore.
- b. The agency apprised the committee that LSM, pitting, trenching, drilling, and sampling (bedrock, pit, trench, and core) has been completed, with most analytical data received

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except for pending major oxide results for 36 samples, ICP-MS REE results for 15 samples. Check samples still to be sent after receiving these analyses.

- c. The agency sought timeline extension of 2 months for completion of work and submission of GR.
- d. The committee reviewed the progress of work and approved timeline extension of 2 months for completion of project and submission of GR.

Recommendations of TCC-1:

The committee approved timeline extension of 2 months i.e., upto 9.02.2026 for completion of project and submission of GR.

Agenda 85.5.7. Reconnaissance Survey (G4) for Bauxite, Ga, V, Ti, & REE in Reldi Moti area, Kachchh District, Gujarat

[Implementing Agency: Critical Mineral Trackers]

- a. CMT informed that the project was approved in the 39th EC Meeting held on 24th January 2025. The Sanction Order was issued on 10th February, 2025 with timeline of 10 months (up to 9.12.2025) and approved cost was INR 71.53 lakhs.
- b. The agency informed that major oxide results for 40 samples and ICP-MS REE analyses for 12 samples are still awaited; check samples is also to be sent to another laboratory once these results are received, and petrographic report is also pending.
- c. The agency sought timeline extension of 2 months for completion of work and submission of GR.
- d. The committee reviewed the progress of work and approved timeline extension of 2 months for completion of project and submission of GR.

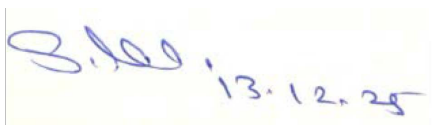
Recommendations of TCC-1:

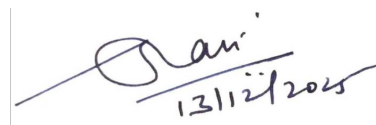
The committee approved timeline extension of 2 months i.e., upto 9.02.2026 for completion of project and submission of GR.

Agenda 85.5.8. Reconnaissance Survey (G-4) For Diamond in part of a Palaeo-Channel in Krishna Basin Near Mangalagiri, Guntur District, Andhra Pradesh.

[Implementing Agency: Geo Marine Solutions Pvt. Ltd.]

- a. The agency informed that the project was approved in the 38th EC Meeting held on 29th November, 2024. The Sanction Order was issued on 30th December, 2024 with timeline of 12 months (up to 29.12.2025) and approved cost was INR 206.54 lakhs.
- b. The agency informed the committee that while the full 20 L-km resistivity profiling target was achieved, only 6.8 L-km of the 15 L-km Electrical Resistivity Sounding target and 4.02 L-km of the 12 L-km seismic survey could be completed.
- c. The agency apprised the committee that during the month of October 2025, the fields were fully cultivated and the ground surface remained saturated, preventing the top ~1 m of soil from drying, which is essential for effective seismic surveying using a 170 kg weight-drop source and proper signal reception by geophones.
- d. The agency sought timeline extension of six months.
- e. The committee reviewed the progress and recommended that the agency drill at least one borehole down to the basement depth.





- f. The committee recommended timeline extension upto 30.06.2026.

Recommendations of TCC-1:

The committee recommended timeline extension of 6 months upto 30.06.2026 to Project Sanctioning Committee (PSC) of NMEDT for approval. The timeline extension is recommended for completion of project and GR submission.

Agenda 85.6: Review of Ongoing Projects/ Completed Project & Timeline Extension

Agenda 85.6.1. Engaging a Technical Supervision and Quality Control (TS-QC) consultant for Monitoring of Quality Assurance/Quality control (QA/QC) of the Multi-sensor Aerogeophysical Surveys over Blocks- 14 under Phase-II of National Airborne Geophysical Mapping Programme (NAGMP)

[Implementing Agency: GSI]

- GSI apprised the committee that timeline for TS-QC for monitoring of QA/QC of the Multisensor Aerogeophysical Surveys over Blocks-14 had been extended upto 31.01.2026.
- GSI informed the committee that the TS-QC needs 2 months extra than the actual date of completion of project for final submission of report.
- It was informed that a total of 2,40,305 line-km (100%) of survey has been completed, achieving the full target in last week of November, 2025. PIA is likely to complete work by 30.06.2026 to process, integration and interpretation of data in better way to achieve the target of the project.
- GSI informed that the GR will be completed and uploaded on NGDR portal by 31.08.2026.
- The committee reviewed the work and recommended timeline extension upto 31.08.2026.

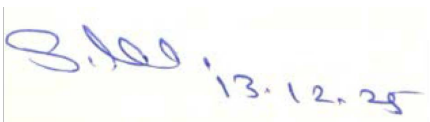
Recommendations of TCC-1:

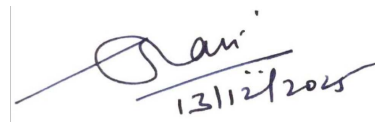
The committee recommended timeline extension of 7 months upto 31.08.2026 to Project Sanctioning Committee (PSC) of NMEDT for approval. The timeline extension is recommended for completion of project and submission of GR.

Agenda 85.6.2. Multi-sensor aero-geophysical surveys over block 5 in adjoining Obvious Geological Potential (OGP) areas under National Airborne Geophysical Mapping Programme (NAGMP)

[Implementing Agency: GSI]

- GSI informed the committee that the timeline for completion of project is upto 31.01.2026.
- GSI apprised the committee that at present two aircrafts (C-GSGL & C-GSGL) is operating from Jabalpur for Block-5 and one aircraft G-GSGA is operating from Khajuraho for both Block 5 & 14).
- The Aircraft were mobilized between late September and early October 2025 to Gwalior, Khajuraho, and later Jabalpur for surveying NAGMP Blocks-14 and 5, acquiring 57,057 line-km in FS 2024-25 and 10,265 line-km (20.26%) so far in FS 2025-26; however, progress has been hindered by the irregular shape of Block-5 requiring frequent airbase shifts, extensive defence-restricted low-flying zones, delayed monsoon retreat, and poor winter visibility.





- d. With 2,66,720 line-km still pending and an average acquisition rate of 8,000 line-km per aircraft per month, the PIA has requested a 23-month extension of the project timeline up to 31 December 2027.
- e. The committee reviewed the progress and recommended timeline extension of 23 months, upto 31.12.2027.
- f. The committee reviewed the progress and advised GSI to closely coordinate with the agencies and finish it with the final timeline extension being given.

Recommendations of TCC-1:

The committee recommended timeline extension of 23 months upto 31.12.2027 to Project Sanctioning Committee (PSC) of NMEDT for approval. The timeline extension is recommended for completion of project and submission of GR.

Agenda 85.6.3. Multi-sensor aero-geophysical surveys over block 14 in adjoining Obvious Geological Potential (OGP) areas under National Airborne Geophysical Mapping Programme (NAGMP)

[Implementing Agency: GSI]

- a. GSI informed the committee that the Memorandum of Agreement (MoA) between GSI and M/s Sander Geophysics India Pvt. Ltd. (PIA) was signed on 20.07.2022, and the project timeline has since been extended twice up to 31.03.2026.
- b. The committee was also informed that due to defence restrictions, about 70% of the NAGMP Block-14 survey area falls within restricted zones controlled by the Gwalior and Agra Air Force units and the Army training base at Jhansi.
- c. GSI informed that the airborne survey resumed in September, 2025 and a total of 2,40,305 line-km (100%) has been completed, achieving the full target in last week of November, 2025.
- d. The current timeline is valid up to 31.03.2026. PIA requires additional three months to process, integration and interpretation of data in better way to achieve the target of the project.
- f. GSI also informed that one workshop need to be conducted to discuss the results with the stake holders and domain experts for the betterment of outcome of the all final deliverables.
- g. The committee reviewed the progress of work and recommended timeline extension of 3 months, i.e., upto 30.06.2026.

Recommendations of TCC-1:

The committee recommended timeline extension of 3 months upto 30.06.2026 to Project Sanctioning Committee (PSC) of NMEDT for approval. The timeline extension is recommended for completion of project.

Agenda 85.7: Cost evaluation of new project proposals

The evaluation of cost for new approved proposals was deferred in want of approval of new SoC of NMEDT as the prevailing SoC had expired on 30.11.2025. The costing of new proposals was taken in additional session of 85th TCC-1 meeting held on 5.12.2025

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Additional Session of 85th TCC-I meeting held on 05.12.2025

**Agenda 85.8: Costing (as per new SoC) New Project Proposals and Proposals
deferred in PSC**

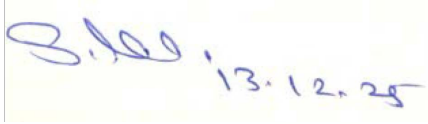
**Agenda 85.8.1. Preliminary Exploration (G3) for Gold in Bhagvati block, Bagalkot
District, Karnataka**

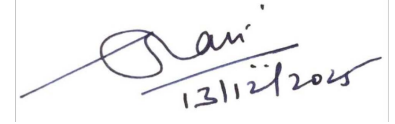
[Implementing Agency: Kartikay Exploration and Mining Services Private Limited]

- a. The project was recommended during 79th meeting of TCC-I. The project was deferred in 1st meeting of PSC of NMEDT held on 09.10.2025.
- b. The PSC referred the project back to the TCC to get comments of AMD verified. The comments from AMD has been received.
- c. The costing project was done as per new SoC of NMEDT.

Recommendations of TCC-1:

The committee recommended the proposal entitled “Preliminary Exploration (G3) for Gold & associated ore in Bhagvati Block, Bagalkot District of Karnataka” for approval of PSC, NMEDT with an estimated cost of ₹263.43 lakhs (including GST) within time schedule of 12 months for carrying out the proposed work and submission of report as per Annexure – 4A & 4B. The item will be reviewed after 3rd and 7th month.

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Preliminary Exploration (G-3) for Gold & associated ore in Bhagvati Block, Bagalkot District of Karnataka
[Block area-15.00 sq.km; Schedule timeline-12 months] Review after 3 & 7 months

S.No.	Item of Work	Unit	Proposal	Rates as per NMET SoC 2025-26		Estimated Cost of the Proposal	Remarks
			Qty.	SoC-Item-SI No.	Rates as per SoC		
Phase - I							
A	GEOLOGICALWORK (Traverse mapping on existing LSM map) (15 SQ. KM)						
i	Charges for One Geologist for Geological Mapping - Field	Per day	60	1.2.1a	14,500	8,70,000	
ii	2 labours / party (Rs 541/day/labour) (As per rates of Central Labour Commissioner)	per day	120	5.8	541	64,920	
iii	Charges for one Sampler per day (without labour)	Per day	36	1.2.1b	7,850	2,82,600	
iv	4 labours/ party (Rs 541/day/labour) (As per rates of Central Labour Commissioner)	Per day	144	5.8	541	77,904	
	SubTotal-A					12,95,424.00	
B	Pitting/Trenching						
i	Trenching	Cu m	100	2.1.1	4,125	4,12,500	Depth 1m
	SubTotal-B			0		4,12,500.00	
C	Geophysical Survey						
i	I.P. cum-resistivity, S.P.,Magnetic (8-10 Line km)	8-10 L km	2	3.4b	14,48,693	28,97,386	20 Line Km
	SubTotal-C					28,97,386.00	
D	LABORATORY STUDIES						
i	for Gold by fire assay	Per Sample	200	4.1.5a	3,500	7,00,000	100 BRS & 100 Trench
ii	HR-ICP MS (REE & Trace)	Per Sample	50	4.1.16f	7,400	3,70,000	

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iii	Major oxides (WD XRF)- (oxides+ traces -24 elements)	Per Sample	10	4.1.17a	4,200	42,000	
iv	for Gold by fire assay (10% external samples)	Per Sample	20	4.1.5a	3,500	70,000	
v	HR-ICP MS (REE & Trace) (10% external samples)	Per Sample	5	4.1.16f	7,400	37,000	
vi	Major oxides (WD XRF)- (oxides+ traces -24 elements) (10% external samples)	Per Sample	1	4.1.17a	4,200	4,200	
	Petrographic studies					0	
vii	Preparation of polished thin sections	Per Sample	10	4.3.2	800	8,000	
viii	Complete petrographic /ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo micrographs)	Per Sample	10	4.3.4	2,800	28,000	
ix	EPMA studies per hour	Per hour	5	4.4.1	10,500	52,500	
	SubTotal-D					13,11,700.00	
E	Total Estimated Cost without GST (For Phase I)					59,17,010.00	
Phase-II							
S.No.	Item of Work	Unit	Qty.	SoC-Item-Sl No.	Rates as per SoC	Estimated Cost of the Proposal	Remarks
F							
1	Survey Work						
	Bore Hole Fixation and determination of co-ordinates & Reduced Level of the boreholes and By DGPS	per BH	14	1.3.2	24,000	3,36,000	9 Boreholes and 5 corners of Block
	GEOLOGICALWORK (1:1000) with contouring (2 SQ.KM)	per sq. km.	2	1.1	18300	36,600	
	Charges for One Geologist for Geological Mapping - Field days	Per day	100	1.2.1a	14,500	14,50,000	

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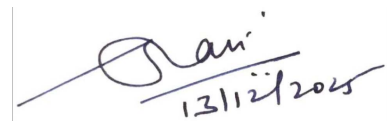
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	2 labours / party (Rs 541/day/labour) (As per rates of Central Labour Commissioner)	day	200	5.8	541	1,08,200	
	Charges for one Geologist per-HQ	Per day	45	1.2.1a	10,500	4,72,500	
	Core Sampling - 1 Samplers	Per day	46	1.2.1b	7,850	3,61,100	
	4 labours/ party (Rs 541/day/labour) (As per rates of Central Labour Commissioner)	Per day	184	5.8	541	99,544	
	SubTotal-F					28,63,944.00	
G	Pitting/Trenching						
i	Trenching	Cu m	50	2.1.1	4,125	2,06,250	Depth 1m
	DRILLING (In-house)						
ii	Drilling upto 300m (Very hard Rock)(1rigs) HQ Size	m	900	2.2.1.1d	10,000	90,00,000	100m depth (9 bh x 100m)
	PILLARING						
iii	Construction of concrete Pillar (12"x12"x30")	per borehole	9	2.2.7	2,000	18,000	
iv	Borehole plugging by Cement (HQ Size)	Lumpsum per borehole	9	2.2.8	10,000	90,000	
v	Transportation of Drill Rig & Truck associated per Drill (1 Rig)	lumpsum	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drill Camp, Camp setting and winding, construction of Approach road	2.2.9 (2)	For Drilling cost more than 50 Lakhs and less than 1 Crore : 20% of the Drilling Cost with a maximum ceiling of ₹ 15	15,00,000	The distance to & Fro is considered. Certification in this regard is required to be provided (From Nagpur to Bagalkot, Karnataka)
vi	Monthly Accommodation Charges for drilling Camp (upto 2 Rigs)						
vii	Drilling Camp Setting Cost						
viii	Drilling Camp Winding up Cost						
ix	Approach Road Making (Flat Terrain)						

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x	Drill Core Preservation (250 m core to be preserved, 1 complete BH and remaining mineralised zone)		and Drill core preservation)		lakh.		
	SubTotal-G					1,08,14,250.00	
H	Geophysical Survey						
	Induced Polarization (Dipole-Dipole) (10-20 line Km)	Per Line Km	1		69,950	69,950	(10-20 Line Km)
	SubTotal-H					69,950.00	
I	LABORATORY STUDIES						
i	for Gold by fire assay	Per Sample	300	4.1.5a	3,500	10,50,000	300 samples (50 BRS, 50 Trench & 200 Core samples)
ii	HR-ICP MS (REE & Trace)	Per Sample	25	4.1.16f	7,400	1,85,000	
iii	Major oxides (WD XRF)- (oxides+ traces -24 elements)	Per Sample	10	4.1.17a	4,200	42,000	
iv	for Gold by fire assay	Per Sample	30	4.1.5a	3,500	1,05,000	
v	HR-ICP MS (REE & Trace)	Per Sample	3	4.1.16f	7,400	22,200	
vi	Major oxides (WD XRF)- (oxides+ traces -24 elements)	Per Sample	1	4.1.17a	4,200	4,200	
	Petrographic studies					0	
vii	Preparation of polished thin sections of rock	Per Sample	10	4.3.2	800	8,000	
viii	Complete petrographic /ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo micrographs)	Per Sample	10	4.3.4	2,800	28,000	
ix	Bulk Density/specific gravity Determination	Per Sample	5	4.8.3	2,500	12,500	
	SubTotal-I					14,56,900.00	
	Total Estimated Cost without GST (For Phase II)					1,52,05,044.00	
J	Total Estimated Cost without GST (For both Phase of work)					2,11,22,054.00	
	Miscellaneous Charges						



K	Preparation of Exploration Proposal (5 Hard copies with a soft copy)	5 Hardcopies with a soft copy		5.1	2% of approved project cost or 5 lakh whichever is lower	4,22,441	
L	Geological Report Preparation	5 Hardcopies with a soft copy		5.2 (iii)	Total cost of the project exceeding ₹150 lakh, then ₹7.5 lakh	7,50,000	
M	Peer review Charges			As per EC Decision		30,000	
N	Total Estimated Cost without GST					2,23,24,495.08	
O	Provision for GST (18%ofI)					40,18,409.11	
P	Total Estimated Cost with GST					2,63,42,904.19	
						263.43	
Note:							
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.						
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.						
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 6 of NMEDT SoC. In case of execution of the project by NEA/NPEA on its own, a Certificate regarding non outsourcing of any component/project is required.						
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.						
5	Any item of work not mentioned above shall be added as per SoC.						
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency						

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Time Schedule for Preliminary Exploration (G-3) for Gold & Associated ore in Bhagavati Block, Bagalkot District of Karnataka

S.No.	Description	Months/Days	1	2	3		4	5	6	7		8	9	10	11	12
	Phase-1 sampling															
	Geophysical activity															
	Sample preparation & Analysis															
1	Camp Setting	days														
2	Geophysical Survey	days														
	Processing of Geophysical data and report writing	days														
3	Trenching and Preparation of Geological plan by correlation of Geophysical data	days														
4	Preparatory work for review by NMET	days														
	DGPS Survey	days														
3	Drilling (1rig)	Months														
4	Sampling	Months														
5	Camp winding	days														
6	Laboratory Studies	Months														
7	Report Writing with Review	Months														

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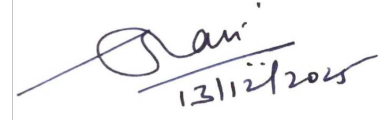
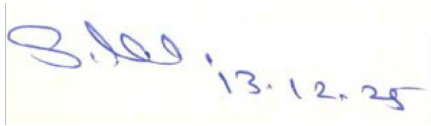
Agenda 85.8.2. Preliminary exploration (G3) for Iron ore in Parvi Block, Kanker District, Chhattisgarh

[Implementing Agency: Kartikay Exploration and Mining Services Private Limited]

- a. The project was deferred as the project area falls within one of the most affected LWE districts, as notified by the Ministry of Home Affairs.
- b. Accordingly, the PSC suggested that project cost may be revised by applying 1.25 times to the field component and the revised proposal may be placed before the PSC in its forthcoming meeting for consideration and approval.
- c. The project was discussed again in 83rd TCC-I meeting and the cost was modified accordingly.
- d. However, the committee opined that the LWE rule will be withdrawn by March 2026. Hence the committee suggested that the proposal may be recommended after reviewing the cost sheet once again.

Recommendations of TCC-1:

The committee recommended the proposal entitled “Preliminary Exploration (G3) for Iron in Parvi Block, Kanker District, Chhattisgarh” for approval of PSC, NMEDT with an estimated cost of ₹204.91 lakhs (including GST) within time schedule of 12 months for carrying out the proposed work and submission of report as per Annexure – 5A & 5B. The item will be reviewed after 4th and 8th month.



Preliminary Exploration (G3) for Iron in Parvi Block, Kanker District, Chhattisgarh
[Block area-3.20 sq.km; Schedule Timeline-12 months, Review after 04 and 08 months (at the time of drilling); Drilling: 7BHs (depth 100 m), Total Drilling: 700 m]

			Rates as per NMET SoC 2025-26		Estimated Cost of the		Remarks
S.No.	Item of Work	Unit	SoC-Item- Sl No.	Rates as per SoC	Proposal		
A					Qty.	Amount (Rs)	
1	SURVEY WORK						
	Bore Hole Fixation and determination of co-ordinates & Reduced Level of the boreholes and By DGPS	Nos	1.3.2	24,000	11	2,64,000	
	SURVEY WORK (Topographical and DM Survey)	Per day	1.3.1	10,500	30	3,15,000	
	GEOLOGICAL WORK (1:4000 SCALE with contouring)	per sq. km.	1.1	18300	3.2	58,560	
	Charges for One Geologist for Geological Mapping and other field works	Per day	1.2.1a	14,500	150	21,75,000	
	2 labours / party (Rs 541/day/labour) (As per rates of Central Labour Commissioner)	day	5.8	541	300	1,62,300	
	Charges for one Geologist per-HQ	Per day	1.2.1a	10,500	30	3,15,000	
	Core Sampling-1 Samplers	Per day	1.2.1b	7,850	41	3,21,850	
	4 labours/ party (Rs 541/day/labour)	Per day	5.8	541	164	88,724	
	SubTotal-A					37,00,434.00	
B	Trenching & Drilling						
1	Trenching	Cu m	2.1.1	4125	140	5,77,500	
2	DRILLING (In house)						

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i	Drilling upto 300m (Very hard Rock) HQ Size	m	2.2.1.1e	12,650	700	88,55,000	
iii	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2,000	7	14,000	
iv	Transportation of Drill Rig & Truck associated per Drill (2 DRILL RIGS)	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drill Camp, Camp setting and winding, construction of Approach road and Drill core preservation)	2.2.9 (2)	For Drilling cost more than 50 Lakhs and less than 1 Crore : 20% of the Drilling Cost with a maximum ceiling of ₹ 15 lakh		15,00,000	
v	Monthly Accommodation Charges for drilling Camp (upto 1Rigs)						
vi	Drilling Camp Setting Cost						
vii	Drilling Camp Winding up Cost						
viii	Approach Road Making (Flat Terrain)						
ix	Drill Core Preservation (150 m core to be preserved) (1 complete BH + Mineralised zones from remaining BH)						
x	Land/ Crop compensation	Per BH	5.6	30,000	7	2,10,000	As per actuals with maximum of 30000 per BH
	SubTotal-B					1,11,56,500.00	
C	LABORATORYSTUDIES						
1.1	Geochemical Sampling-Drill core a. Major oxides (WD XRF)- (oxides+ traces - 24 elements)	Per Sample	4.1.17a	4200	140	5,88,000.00	
	Check samples Major oxides (WD XRF)- (oxides+ traces -24 elements) (10%)	Per Sample	4.1.17a	4200	14	58,800	
1.2	BRS/Channel Samples Analysis Major oxides (WD XRF)- (oxides+ traces -24 elements)	Per Sample	4.1.17a	4200	50	2,10,000	

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	Check samples Major oxides (WD XRF)- (oxides+ traces -24 elements) (10%)	Per Sample	4.1.17a	4200	5	21,000	
1.3	Trench Sample Major oxides (WD XRF)- (oxides+ traces -24 elements)	Per Sample	4.1.17a	4200	100	4,20,000	
	Check samples Major oxides (WD XRF)- (oxides+ traces -24 elements) (10%)	Per Sample	4.1.17a	4200	10	42,000	
	Petrographic studies						
	Preparation of thin sections	Per Sample	4.3.1	500	10	5,000	
	Complete petrographic /ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo microgrphs)	Per Sample	4.3.4	2800	10	28,000	
	Preparation of polished sections	Per Sample	4.3.2	800	5	4,000	
	Complete petrographic /ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo microgrphs)	Per Sample	4.3.4	2800	5	14,000	
	Bulk Density Analysis	Per Sample	4.8.3	2500	5	12,500	
					SubTotal-C	14,03,300.00	
					SUM	1,62,60,234.00	
	Miscellaneous Charges						
D	Preparation of Exploration Proposal	5 Hardcopies with a soft copy	5.1	2% of approved project cost or 5 lakh whichever is lower		3,25,205	
E	Geological Report Preparation	5 Hardcopies with a soft copy	5.2.iii	Total cost of the project exceeding		7,50,000	

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				₹150 lakh ₹7.5 lakh			
F	Peer review Charges		As per EC decision	30000	1	30,000	
G	Total Estimated Cost without GST					1,73,65,438.68	
H	Provision for GST (18%ofI)					31,25,778.96	
I	Total Estimated Cost with GST					2,04,91,217.64	
J	Rs. In Lakhs					204.91	
Note:							
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.						
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing Govt. of India rules/guidelines on procurement.						
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 6 of NMEDT SoC. In case of execution of the project by NEA/NPEA on its own, a Certificate regarding non outsourcing of any component/project is required.						
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.						
5	Any item of work not mentioned above shall be added as per SoC.						
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency						

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Time line for Preliminary Exploration (G3) for Iron in Parvi Block, Kanker District, Chhattisgarh

S.No.	Description	Months/Days	1	2	3	4	Review	5	6	7	8	Review	9	10	11	12
1	Camp Setting	Months														
2	Upgradation of Geological map	Months														
3	Topographical Surveying	Months														
4	Trenching	Months														
5	Drilling(1rig)	Months														
6	Sampling	Months														
7	Laboratory Studies	Months														
8	Report Writing with Review	Months														

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Agenda 85.8.3. Preliminary Exploration (G3) for Iron Ore in Sitapur Block, District- Uttar Bastar Kanker, Chhattisgarh


[Implementing Agency: Kartikay Exploration and Mining Services Private Limited]

- a. The project was recommended during 81st meeting of TCC-I. The project was deferred in 2nd meeting of PSC of NMEDT held on 04.11.2025.
- b. The PSC referred the project back to the TCC to verify the laboratory's accreditation and to provide a clear and definitive recommendation.
- c. The agency has submitted the laboratory's accreditation certificate.

Recommendations of TCC-1:

The committee recommended the proposal entitled "Preliminary Exploration (G3) for Iron Ore in Sitapur Block, District- Uttar Bastar Kanker, Chhattisgarh" for approval of PSC, NMEDT with an estimated cost of ₹157.70 lakhs (including GST) within time schedule of 12 months for carrying out the proposed work and submission of report as per Annexure – 6A & 6B. The item will be reviewed after 4th and 8th month.

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Preliminary Exploration (G3) for Iron Ore in Sitapur Block, District- Uttar Bastar Kanker, Chhattisgarh
Area: 2.4 sq. km., Total BH nos.: 5 Nos. , Total Drilling Meterage: 500m, Timeline: 12 months; Review after: 4 and 8 months

			Rates as per NMET SoC 2025- 26		Estimated Cost		
S.No.	Item of Work	Unit	SoC- Item -Sl. No.	Rates as per SoC	Qty.	Amount(Rs)	Remarks
A	GEOLOGICAL WORK (1:4000) (including Topographical Survey)	Per sq. km.	1.1	18,300	2.4	43,920	
i	Charges for One Geologist for Field	Per day	1.2.1a	14,500	150	21,75,000	
ii	Charges for One Geologist for HQ	Per day	1.2.1a	10,500	30	3,15,000	
iii	2 labours / party (Rs 541/day/labour) (As per rates of Central Labour Commissioner)	day	5.8	541	300	1,62,300	As per rates prescribed by Central Labour Commission rates or respective state Govt., whichever is higher
iv	Sampling party days-1 Sampler (Labour charge not included)	day	1.2.1b	7,850	36	2,82,600	
v	4 labours/ Party (Sampling)	day	5.8	541	144	77,904	
vi	Charges of one qualified surveyor with Total Station for carrying out topographical survey in different RF and surface contouring at different interval, fixation of borehole and determination of co- ordinates & Reduced Level (RL)of the boreholes with total station etc	Charges for one Surveyor per day	1.3.1	10,500	30	3,15,000	
	SubTotal-A					33,71,724.00	-
B	PITTING/TRENCHING						
i	Trenching	Cu m	2.1.1	4,125	50	2,06,250	Depth 1m

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						SubTotal-B	2,06,250	Depth 1m
C	DRILLING							
i	Drilling upto 300m (Very hard Rock)(2 rigs) HQ Size	m	2.2.1.1e	12,650	500	63,25,000		
ii	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2,000	5	10,000		
iii	Borehole plugging by Cement	per BH	2.2.8	10000	5	50,000		
iv	Approach Road Making (Flat Terrain)	lumpsum	2.2.9	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drill Camp, Camp setting and winding, construction of Approach road and Drill core preservation	12,65,000	200 m of drill core to be preserved (1 complete BH and remainig mineralised zones)		
v	Transportation of DrillRig& Truck associated per drill (To & from Headquarter/Previous drill site)							
vi	Monthly Accomodation Charges for drilling Camp							
vii	Drilling Camp Setting Cost							
viii	Drilling Camp Winding Cost							
ix	Approach Road Making(Flat Terrain)							
x	Demarcation of lease boundary, Fixation of borehole and determination of co-ordinates& Reduced Level (RL) of the boreholesby DGPS.	per BH	1.3.2	24,000	10	2,40,000		Boreholes +Boundary Corner Points
						SubTotal-C	78,90,000	
D	LABORATORYSTUDIES							
	ChemicalAnalysis							
	(Surface Samples + Core Samples+CheckSamples)							
1	a) Primary samples: Major oxides (WD XRF)- (oxides+ traces -24 elements)	Per Sample	4.1.17a	4200	250	10,50,000		200 samples from boreholes and 50 trench samples.

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2	b) External Check sample (10% of Primary samples): Major oxides (WD XRF)- (oxides+ traces -24 elements)	Per Sample	4.1.17a	4200	25	1,05,000	
3	c) Analysis for Gold by Fire assay	Nos	4.1.5a	3,500	10	35,000	
4	d) Check samples Analysis for Gold by Fire assay	Nos	4.1.5a	3,500	1	3,500	
5	Preparation of thin section	Nos	4.3.1	500	10	5,000	
6	Preparation of polished thin section of rock/ wafer	Nos	4.3.2	800	10	8,000	
7	Complete petrographic /ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo microgrphs)	Nos	4.3.4	2,800	20	56,000	
8	XRD analysis for identification of minerals	Nos	4.5.1	4,000	5	20,000	
9	Determination of Fine:Lump ratio in Iron Ore	Per cu.m	4.8.12	6,523	10	65,230	
10	Bulk Density Determination	Nos	4.8.3	2,500	5	12,500	
	SubTotal-D					13,60,230	
	Total of A to D					1,28,28,204	
E	Geological Report Preparation	Cost per 5 Hardcopies of report along with soft copies	5.2 (ii)	Total cost exceeding ₹50 lakh but less than 150 lakh: ₹2.5 lakh		2,50,000	Exceeding₹50 lakh but less than 150 lakh: A minimumof ₹2.5 lakh or 5% of the work whichever is more and ₹3000/- per each additional copy.
F	Peer review Charges					30,000	
G	Preparation of Exploration Proposal (5Hard copies with a soft copy)		5.1	2% of approved project cost or 5 lakh whichever is lower		2,56,564	
H	Total Estimated Cost without GST					1,33,64,768	

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I	Provision for GST(18%of H)	24,05,658	GST will be reimburse as per actual and as per notified prescribed rate
K	Total Estimated Cost with GSTRs.	1,57,70,426	
L	Rs. In Lacs	157.70	
Note:			
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.		
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.		
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 6 of NMEDT SoC. In case of execution of the project by NEA/NPEA on its own, a Certificate regarding non outsourcing of any component/project is required.		
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.		
5	Any item of work not mentioned above shall be added as per SoC.		
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency		

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Annexure 6B																		
Time line for Preliminary Exploration (G3) for Iron Ore in Sitapur Block, District- Uttar Bastar Kanker, Chhattisgarh																		
S.No.	Description	Months/Days	1	2	3	4	Review	5	6	7	8	Review	9	10	11	12		
1	Camp Setting	Months																
2	Upgradation of Geological map	Months																
3	Topographical Surveying	Months																
4	Trenching	Months																
5	Drilling(1rig)	Months																
6	Sampling	Months																
7	Laboratory Studies	Months																
8	Report Writing with Review	Months																

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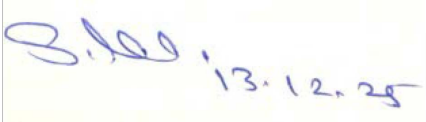
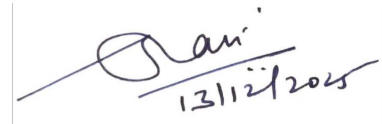
Agenda 85.8.4. Preliminary Exploration (G3) for Graphite and associated minerals in Jarapa Block, District: Rayagada, Odisha

[Implementing Agency: Earthenviro Lab Private Ltd.]

- a. The project was recommended during 81st meeting of TCC-I. The project was deferred in 2nd meeting of PSC of NMEDT held on 04.11.2025.
- b. The PSC referred the project back to the TCC to re-evaluate the costing of the project.
- c. The committee discussed the project and recommended for approval.

Recommendations of TCC-1:

The committee recommended the proposal entitled “Preliminary Exploration (G3) for Graphite and associated minerals in Jarapa Block, District: Rayagada, Odisha” for approval of PSC, NMEDT with an estimated cost of ₹257.62 lakhs (including GST) within time schedule of 12 months for carrying out the proposed work and submission of report as per Annexure – 7A & 7B. The item will be reviewed after 3rd, 6th and 9th month.

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Preliminary Exploration (G3) for Graphite and associated minerals in Jarapa Block, District: Rayagada, Odisha
[Block area- 3.5sq. km; Nos. of Boreholes-17 Nos.; Borehole depth range: average depth 50 m (30 m vertical depth) ; Total Drilling: 900 m; Schedule timeline- 12 months, Review after: 3, 6 and 9 months]

S. No.	Job Description	Unit	Rates as per NMET SoC 2025-26		Estimated Cost of the Proposal		Remarks
			SoC-Item -SI	Rates as per SoC	Qty.	Total Amount (Rs)	
Phase I							
A	Geological Mapping, Other Geological work & Topographical Survey (1:4000scale)		1.1	18300	3.5	64050	
i	Geologist: In field	Mandays	1.2.1a	14500	120	1740000	
ii	Geologist: at HQ	Mandays	1.2.1a	10500	30	315000	
iii	Labour charges (for sample collection, packaging, carrying, 2 Nos)	Mandays	5.8	541	240	129840	As per Labour Commission
iv	Charges for one sampler per day (for sample preparation)	Mandays	1.2.1b	7850	81	635850	
v	Labour charges (4 Nos for sample preparation)	Mandays	5.8	541	324	175284	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
vi	Surveyor (for mapping & contouring)	Mandays	1.3.1	10500	30	315000	Survey at 2m contour interval, Scale 1:4000
vii	Labour charges (4 labours)	Mandays	5.7	541	120	64920	

viii	Demarcation of lease boundary, 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	1.3.2	24000	21	504000	17 BH + 4 Boundary Point
	Sub Total A					3943944	
B	Pitting/Trenching (Out sourced)						
i	Pitting(25 Nos)	per cu m	2.1.1	4725	50	236250	1.0m*1.0m*2.0m
ii	Trenching (1m x 2m x10m): 10 trenches	per cu m	2.1.2	4125	200	825000	
	Sub Total B					1061250	
C	Drilling (Outsourced)						
i	Drilling(HQ size) - Hard rock	per m	2.2.1.4a	10000	900	9000000	17 BH (approx. depth 50 m). 400 m drill core to be preserved. 1 complete BH and mineralised zone
ii	Land Compensation	Per Borehole	5.6	30000	17	510000	As per actuals
iii	Concrete Pillar Construction	Per Borehole	2.2.7	2000	17	34000	
iv	Borehole Plugging	Lumpsum per borehole	2.2.8	10000	17	170000	
	Sub Total C					9714000	
D	Geophysical Survey-Outsourced						
i	IP,Self Potential, Resistivity and Magnetic	8-10 line km	3.4b	14,48,693	1.5	2173040	total 13-15 km
	Sub Total D					2173040	total 13-15 km
E	Laboratory Studies						
1	a. Primary Samples for Proximate Analysis of Graphite	No.	4.1.18	3614	550	1987700	BRS-25, PTS-25,TRS-100, BH-400

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	b-External(10%) Check samples from NABL Lab for Proximate Analysis of Graphite	No.	4.1.18	3614	55	198770	
2	Major oxides (WD XRF)- (oxides+ traces -24 elements)	No.	4.1.17 a	4200	10	42000	
3	HR-ICP MS (REE & Trace)	No.	4.1.16f	7400	35	259000	
4	XRD analysis for identification of minerals (Random)	No.	4.5.2	4000	20	80000	
5	Physical & Petrological Studies						
i	Preparation of polished thin section of rock	No.	4.3.2	800	10	8000	
ii	Complete petrographic /ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo micrographs)	No.	4.3.4	2800	10	28000	
iii	Determination of bulk density	Per Sample	4.8.3	2500	5	12500	
iv	Raman Spectroscopy	per hour	4.5.1	2700	5	13500	
	Sub Total E					2629470	
	Total A+B+C+D+E					19521704	
	Total outsourced component					11173040	
F	Reimbursement of cost in case of outsourced components of project work		6	In case of outsourcing of work, the Technical Supervision cost shall be 10% of the sum of all the outsourced work components with a maximum ceiling of ₹ 20 lakh.		1117304	
G	Total Cost					20639007	

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H	Geological Report Preparation	Cost per 5 Hard copies of report along with soft copy	5.2(iii)	Total cost of the project exceeding ₹150 lakh; ₹7.5 lakh		750000	
I	Peer Review by External Expert	1	As per EC decision	30000		30000	
J	Preparation of Exploration Proposal	1	5.1	2% of the approved project cost or 5 lakh whichever is lower		412780	
K	Project Cost without GST					21831788	
L	GST - 18%					3929722	
M	Total Project Cost(With GST)					25761509	
N	Rs. In Lacs					257.62	
Note:							
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.						
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.						
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 6 of NMEDT SoC. In case of execution of the project by NEA/NPEA on its own, a Certificate regarding non outsourcing of any component/project is required.						
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.						
5	Any item of work not mentioned above shall be added as per SoC.						
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency						

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Annexure 7B																			
Time Schedule/Action Plan for Preliminary Exploration (G3) for Graphite and associated minerals in Jarapa Block, District: Rayagada,Odisha																			
S.No	Activity Plan	1	2	3	REVIEW-1	4	5	6	REVIEW-2	7	8	9	REVIEW-3	10	11	12			
1	Topographical Survey																		
2	Lithological Mapping(1:4000 scale) and Sampling																		
3	Pitting/Trenching																		
4	Sample Preparation for chemical anaysis																		
First Review by TCC on progress and outcome																			
5	Geophysical Survey																		
Second Review by TCC on progress and outcome																			
6	Exploratory Drilling, Borehole collar survey																		
7	Logging, Sampling, Bulk Density determination																		
8	Chemical Analysis																		
9	Mineragraphic, XRD, Trace Element Study and other studies																		
Final Review by TCC on progress and outcome																			
10	Data Synthesis and draft report preparation																		
11	Peer Review																		
12	Final Report Preparation and Submission																		

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Agenda 85.8.5. Preliminary exploration (G3) for PGE, Gold and Basemetal in Timkitola block, Balaghat District, Madhya Pradesh.

[Implementing Agency: Gemcokati Exploration Pvt. Ltd.]

- a. The project was recommended during 13th meeting of TCC-II. The project was approved in 2nd meeting of PSC of NMEDT held on 04.11.2025, subject to re-check of drilling plan.
- b. The committee referred the project to the TCC-II to re-check the drilling plan as it was initially recommended by TCC-II.

Recommendations of TCC-1:

The committee referred the project to TCC-II to re-check the drilling plan.

Agenda 85.8.6. General Exploration (G2) for Glauconitic Sandstone & Shale in Kelenda Block [Block area- 3.975 sq. km], District: Mahasamund, Chhattisgarh.

[Implementing Agency: MECL]

- a. The project has been reviewed and recommended by TCC in earlier session of this meeting. Costing as per new SoC was done for the project and is described at Agenda no. 85.1.1.

Recommendations of TCC-1:

The recommendations are described at Agenda 85.1.1.

Agenda 85.8.7. General Exploration (G2) for Glauconitic Sandstone & Shale in Bhalukona Block [Block area- 9.15 sq. km], District: Mahasamund, Chhattisgarh

[Implementing Agency: MECL]

- a. The Bhalukona block was discussed along with Kelenda block and the agency was suggested to bring cost sheet.
- b. However, the agency informed that the block boundaries and hence drilling plan need to be modified.
- c. The costing of project was not discussed.

Recommendations of TCC-1:

Costing of project was not done for this proposal.

Agenda 85.8.8. Preliminary Exploration (G-3) of Limestone in Bandha Block (3.54 sq. km) and Jamuniya Block (3.68 sq. km), covering a total area of 7.22 sq. km in District Satna, Madhya Pradesh

[Implementing Agency: MECL]

- b. The project has been reviewed and recommended by TCC in earlier session of this meeting. Costing as per new SoC was done for the project and is described at Agenda no. 85.1.3.

Recommendations of TCC-1:

The recommendations are described at Agenda 85.1.3.

Agenda 85.8.9. Preliminary Exploration (G3) for Graphite and Associated Minerals in and Around Ankli Block, Dahod District, Gujarat

[Implementing Agency: GeoExpOre Pvt. Ltd.]

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- c. The project has been reviewed and recommended by TCC in earlier session of this meeting. Costing as per new SoC was done for the project and is described at Agenda no. 85.1.6.

Recommendations of TCC-1:

The recommendations are described at Agenda 85.1.6.

Agenda 85.9: Revised Costing (as per new SoC) ongoing projects and ongoing projects deferred in PSC

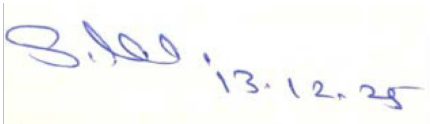
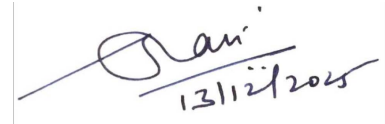
Agenda 85.9.1. Preliminary Exploration (G-3) for Limestone in Sawalhira (East) Block, Chandrapur District, Maharashtra

[Implementing Agency: Gemcokati Exploration Pvt. Ltd.]

- d. The project was recommended for pre-closure during 79th meeting of TCC-I and the cost was revised.
- e. The PSC in its 1st meeting, deferred the decision on pre-closure of the project seeking justification of work and expenditure.
- f. The committee suggested the agency to bring it in upcoming meeting for discussion in details

Recommendations of TCC-1:

The committee suggested the agency to bring it in upcoming TCC for discussion.

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List of participants who attended the 85th Meeting of Technical-cum-cost Committee (TCC-I) of NMEDT held on 27th November, 1st and 5th December 2025, through video conferencing mode

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