Ministry of Mines
National Mineral Exploration & Development Trust
Minutes of 30th meeting of Technical-cum-Cost Committee - II (TCC - II)
held on 4th and 5th June 2026

The 30th meeting of Technical-cum-Cost Committee–II (TCC-II) of National Mineral Exploration and Development Trust (NMEDT) was convened through video conferencing on 4th and 5th June, 2026. The meeting was chaired by Shri Pradeep Singh, ADG, PSS, GSI, Chairman, TCC-II, NMEDT and Dr. S Ravi, DDG, GSI, Training Institute and Chairman, TCC-I, NMEDT.

Members of TCC-II, NMEDT and representatives from M/s Ocean Drilling and Exploration Private Limited, M/s GMMCO Technology Services Limited, M/s Bhushilp Mines and Minerals Private Limited, M/s BMRC Geomining Solutions Private Limited, M/s My World Consultancy Services Private Limited, M/s. Deepsar Mineral Explorer, M/s MMPL Private Limited, DTCI Manipur, FCI Aravali Gypsum and Minerals India Limited(FAGMIL), M/s. Natural Resources Division-Tata Steel Limited, Madhya Pradesh State Mining Corporation Limited (MPSMCL), Mineral Exploration and Consultancy Limited (MECL), M/s Unised Research Consultants Private Limited, M/s Critical Mineral Trackers, M/s GEMS Project Private Limited, M/s. GeoExpOre Private Limited, DGM Jharkhand, DGM Chhattisgarh, DGM Telangana etc. have attended the meeting through video conferencing mode.
The list of participants is at **Annexure-1.**

Shri Pradeep Singh, ADG, PSS, GSI and Chairman, TCC-II, NMEDT, warmly welcomed all TCC-II members and every participant representing from State DGMs/DMGs, Notified Exploration Agencies (NEAs) and Notified Private Exploration Agencies (NPEAs). Dr. S. Ravi, DDG, GSI, and Chairman TCC-I, NMEDT, presided over the meeting on 5th June, 2026.

30.1 Technical Evaluation of New Project Proposals

Agenda 30.1.1 Reconnaissance survey (G4) for Bauxite, Titanium and other associated minerals in Maharajpur – Khamtala Block, Satna District of Madhya Pradesh. Area: 101 sq. km.
[Implementing Agency: M/s Ocean Drilling and Exploration Private Limited]

a) The proposed reconnaissance survey (G4) of 101 sq. km area falls in Survey of India Toposheet no. 63D/11, in parts of Satna District, Madhya Pradesh. This project got in principally approved in 26th TCC-II.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	The proposed G4 Maharajpur–Khamtala block completely overlaps with the previously explored Parsowania–Kamtala block investigated by GSI under the study titled "Report on the Study and Preliminary Assessment of Bauxite Occurrences in the Parsowania–Kamtala Area, Satna District, Madhya Pradesh (FS: 1973–74)."
2	State DGM	There is no ongoing exploration work by the department for Bauxite, Titanium and other ass There is one quarry lease of minor mineral (flag stone) having 3.380 Hect. area is sanctioned in proposed area.

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3	MECL	The block is not overlapping with MECL explored block and ongoing blocks.
4	AMD	Not Available
5	NMEDT	There is no overlapping with NMEDT funded block in the proposed area.

c) The Agency informed that during FS 1973-74, Rao & Lal from GSI, carried out mapping & exploration in Toposheet no. 63D/11 over an area of about 325 sq. km. at 1:63,000 scale for locating Bauxite occurrences. Wherein, chemical analyses of bauxite samples collected from different ore bodies indicate that Al_2O_3 content ranges from 45.82% to 62.20%, SiO_2 from 1.07% to 5.56%, TiO_2 from 5.50% to 15.00%, Fe_2O_3 from 2.79% to 21.95%, and Loss on Ignition (LOI) from 24.15% to 30.24%. The average chemical composition of the bauxite is estimated to be approximately 54% Al_2O_3, 2% SiO_2, 8% Fe_2O_3, 8% TiO_2, and 28% LOI. In the present report, chemical analyses of ten representative samples reveal Al_2O_3 values reaching up to 62% and TiO_2 values up to 15%.

d) During 2020–21, GSI undertook an NGCM project, under which Shubham et al. collected six bed rock samples (BRS) from the enriched lateritic bauxite zones of Parasmania, Kamtala, Ladbad, Mohli, and Pahari villages. The analytical results are encouraging, with three out of the six samples exhibiting characteristics consistent with bauxite mineralization. These comprise BRS-1 from Parasmania (Al_2O_3: 36.62%, SiO_2: 2.89%, Fe_2O_3: 31.04%, TiO2: 10.15%), BRS-2 from Kamtala (Chui Hill) (Al_2O_3: 41.58%, SiO_2: 2.32%, Fe_2O_3: 23.72%, TiO2: 11.25%), and BRS-4 from Mohli village (Al_2O_3: 30.07%, SiO_2: 6.91%, Fe_2O_3: 44.88%, TiO2: 2.93%). Furthermore, BRS-5 indicated 52.12% of Fe_2O_3 with 1.38% of Al_2O_3 and 0.28% of TiO2.

e) Considering the above, the Committee agreed to recommend the proposal for approval of PSC. The Committee advised that the project be implemented in a phased manner. In the initial Phase-I, geological mapping on 1:12,500 scale, pitting/trenching, and sampling will be undertaken, followed by the corresponding chemical analyses of the collected samples. Subsequent activities, including drilling, will be decided based on the outcome and review of the Phase-I work carried out under the project.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for "Reconnaissance survey for Bauxite, Titanium and other associated minerals in Maharajpur- Khamtala Area, Satna District, Madhya Pradesh" with an estimated cost of ₹108.91/- lakhs (including GST) within time schedule of 10 months for carrying out the proposed work and submission of geological report as per Annexure – 2A & 2B. The item will be reviewed after 3 and 6 months.

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Annexure 2A

Reconnaissance survey for Bauxite, Titanium and other associated minerals in Maharajpur- Khamtala Area, Satna District, Madhya Pradesh
Area: 101.00 sq.km; Scale: 1:12,500, Drilling: 300 m, (Schedule timeline: 10 months; Review: After 3 and 6 Months)
[Implementing Agency: M/s Ocean Drilling and Exploration Private Limited]

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 *	Qty.	Total Amount (Rs)	
				(a)	(b)	(a*b)	
A	**Geological Mapping, Other Geological Work & Surveying**						
1	**a**. Geological Mapping (1:12,500 scale)	per sq.km.	1.1	18300	101	1848300	
	b. Charges for Geologist per day (Field)	day	1.2.1a(b)	14,500	120	1740000	
	c. Labours Charges; Base rate	day	5.8	556	240	133440	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
2	Charges for Geologist per day (HQ)	day	1.2.1a	10,500	30	315000	
3	**a**. Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	7,850	33	259050	
	b. Labours (4 Nos)	day	5.8	556	132	73392	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
	Sub Total- A					**43,69,182**	
B	**Trenching / Pitting**						
1	Trenching	per cu. m	2.1.1	4125	50	2,06,250	50 nos.
	Sub-Total B					**2,06,250**	
C	**SURVEY WORK (MoU)**						
1	DGPS Survey for BH Fixation & RL determination	Per point of Observation	1.3.2	24000	10	240000	4 Block boundary points + 10 BH

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	Sub-Total C					**2,40,000**	
D	**DRILLING (in-house)**						
1	Core drilling (soft rock)	per m	2.2.1.1c	5500	300	16,50,000	10 BH; each 30 m depth (10*30)
2	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	30,000	10	3,00,000	As per actual as certified by local authorities subject to a maximum of 30000 per bore hole
3	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2000	10	20,000	Rs. 2000 per borehole
4	Borehole plugging by cement	lumpsum per borehole	2.2.8	10000	10	1,00,000	Rs. 10000 per borehole
5	Miscellaneous charges (Transportation of Drilling Rig, Accommodation for drill Camp, Camp setting and winding, construction of Approach Road and drill core preservation).	lumpsum	2.2.9(1)	For Drilling cost less than 50 Lakhs: 25% of Drilling Cost		4,12,500	
6	Drill core preservation	per m	5.3	1590	150	2,38,500	
	Sub Total D					**27,21,000**	
E	**LABORATORY STUDIES**						
1	**Chemical Analysis**						
i)	Major oxides (WD XRF)-oxides+traces-24 elements)	per sample	4.1.17a	4,200	200	8,40,000	50 trench samples+ 50 BRS+ 100 core samples
ii)	Check samples (10%) Major oxides (WD XRF) - (oxides+traces-24 elements)	per sample	4.1.17a	4,200	20	84,000	
iii)	Analysis of one rock/soil sample for quantitative analysis of 14 REE elements + 9 trace element (U, Ta, Ge, Be, Hf, Sn, As, Rb, Th) by ICP-MS	per sample	4.1.15	7,400	20	1,48,000	
iv)	Check samples (10%)	per sample	4.1.15	7,400	2	14,800	
iv)	**Analysis for Bauxite**						
a)	Combined determination of Trihydrate Alumina (THA-140°C), Monohydrate	per sample	4.1.19a	7,500	10	75,000	

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	Alumina (MHA-240°C) & Reactive Silica						
3	**Physical & Petrological Studies**						
i	Preparation of polished thin section	Nos	4.3.2	800	10	8,000	
ii)	Complete petrographic/ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo micrographs)	per Sample	4.3.4	2800	10	28,000	
iii)	XRD studies for identification of minerals (Random)	per sample	4.5.2	4000	10	40,000	
	Sub Total E					**12,37,800**	
	Total A+B+C+ D+E					**87,74,232**	
F	**Geological Report Preparation**	**5 Hard copies with a soft copy**	**5.2**	Total cost exceeding Rs. 50 lakhs but less than 150 lakhs.		**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**	**5.1**	2% of approved project cost or 5 Lakh whichever is lower		**1,75,485**	EA will be reimbursed after submission of the Hard Copies and the soft copy of the final proposal along with Maps and Plan as suggested by the TCC-NMEDT in its meeting while clearing the proposal.
I	**Total Estimated Cost without GST**					**92,29,717**	
J	**Provision for GST (18% of J)**					16,61,349.00	GST will be reimbursed as per actual and as per notified prescribed rate
K	**Total Estimated Cost with GST**					**1,08,91,066**	
L	**Rs. In lacs**			**or Say Rs. In Lakhs**		**108.91**	
Note:							

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1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMEDT SoC and Item no. 6 of NMEDT SoC. In
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.
5	Any item of work not mentioned above shall be added as per SoC.
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.

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Annexure 2B

Time Schedule/Action Plan for Reconnaissance survey for Bauxite, Titanium and other associated minerals in Maharajpur- Khamtala Area, Satna District, Madhya Pradesh

S.no.	Activity	Months/Days	Month											
			1	2	3	Review	4	5	6	Review	7	8	9	10
1	Camp setting	months												
2	Geological mapping and Sampling	months												
4	Surface Drilling	months												
5	Core logging and sampling	months												
6	Geologist Man Days (Field)	days												
7	Geologist Man Days (HQ)	days												
8	Sampler Man days	Days												
9	Laboratory studies	Months												
10	Report Writing with Peer Review	months												
11	Camp Winding	months												

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Agenda 30.1.2 Reconnaissance Survey (G4) for Vanadium, Graphite, Barium and associated Minerals in Chamdewal–Madlak Block, Champawat District, Uttarakhand. Area: 51 sq. km.

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

a) The proposed reconnaissance survey (G4) of 51 sq. km area falls in Survey of India Toposheet nos. 62C/3 & 62C/7, in parts of Champawat District, Uttarakhand. The proposal was accorded in-principle approval in the 13th TCC-II meeting held on 22nd, 23rd & 24th September, 2025. The project was discussed during the 15th TCC-II meeting, wherein its consideration was deferred pending the recruitment of additional qualified personnel by the agency. Further, during 24th meeting of TCC-II held on 2nd and 3rd March, 2026, the Committee advised that the DPR be resubmitted after incorporating the analytical results of the 19 samples collected and analysed by the agency, along with all available geological and exploration data from previous reports pertaining to the adjoining areas.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	One preliminary exploration (G3 stage, M2ASMIF-MEP/NC/NR/SU-UK/2025/53944) for vanadium commodity is being carried out by GSI which is under progress for field season 2025-26 in parts of Toposheet no - 62C/03 which is lying at the western part of the Champawat and the proposed block. The area is not overlapping with the proposed block.
2	State DGM	No, ongoing reconnaissance/exploration work carried out by our organization in the proposed area.
3	MECL	The block is not overlapping with MECL explored block and ongoing blocks.
4	NMEDT	There is no overlapping with NMEDT funded block in the proposed area.

c) The agency informed that, they have visited the proposed block and 7 representative BRS samples were collected and analysed. The analytical results reveal significant Vanadium values ranging up to 1848 ppm and Barium values up to 33,690.19 ppm (3.37%).Further, during FS 2022-23, a G-4 stage reconnaissance survey was conducted in the western part of toposheet number 62C/3, by GSI over an area of 50 sq. km. Chemical analysis of 100 BRS and channel samples reveals vanadium (V) values ranging from 33 ppm to 5,212 ppm (0.52% V), barium (Ba) values from 164 ppm to 40,518 ppm, yttrium (Y) values from 23 ppm to 444 ppm, and molybdenum (Mo) values from 0.85 ppm to 288 ppm. Also, the analytical results of the 30 BRS and channel samples reveal Fixed Carbon (FC) values ranging from 1.21% to 7.06%. Analytical results from stream sediment and slope wash samples collected under the NGCM project (FS 2020–21) indicate vanadium (V) values of up to 308 ppm (550 ppm V_2O_5) and barium(Ba) values of up to 3,432 ppm within the proposed area.

d) Based on the encouraging values from the previous data and the analytical results of 7 representative BRS samples collected and analysed by the agency, the Committee agreed to recommend the proposal for approval of PSC. The

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Committee advised that the project be implemented in a phased manner. In the initial Phase-I, geological mapping on 1:12,500 scale, pitting/trenching, and sampling will be undertaken, followed by the corresponding chemical analyses of the collected samples. Subsequent activities, including drilling in 3 scout boreholes (BHs), will be decided based on the outcome and review of the Phase-I work carried out under the project.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for "Reconnaissance survey for Vanadium, Graphite, Barium and associated minerals in Chamdewal - Madlak Area, Champawat district of Uttarakhand" with an estimated cost of ₹197.59/- lakhs (including GST) within time schedule of 10 months for carrying out the proposed work and submission of geological report as per Annexure – 3A & 3B. The item will be reviewed after 3 and 6 months.

Annexure-3A

Reconnaissance survey for Vanadium, Graphite, Barium and associated mineral in Chamdewal - Madlak Area, Champawat district of Uttarakhand.
Area: 51 sq.km, Drilling: 300 m, Scale:12,500 (Schedule timeline: 10 months Review: After 3 & 6 Months)
[Implementing Agency: M/s Ocean Drilling and Exploration Private Limited]

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)	Hilly terrain of Himalaya region (Total amount X 2)	
A	**Geological Mapping & Other Geological Work**							
1	Large Scale Mapping (LSM)	per sq. km.	1.1.c	28600	51	1458600	1458600	**Himalayan Region Rate**
2	**a.** Charges for Geologist per day (Field)	day	1.2.1a, (b)	14,500	90	13,05,000	26,10,000	
	b. Labours Charges; Base rate	day	5.8	556	180	1,00,080	2,00,160	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
	c. Charges for Geologist per day (HQ)	day	1.2.1a	10,500	30	3,15,000	3,15,000	
3	**a**. Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	7,850	41	3,21,850	6,43,700	Hilly area and tough terrain condition
	b. Labours (4 Nos)	day	5.8	556	164	91,184	1,82,368	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective

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								State Govt. whichever is higher.
	Sub Total- A					**35,91,714**	**54,09,828**	
B	**SURVEY WORK (MoU)**							
1	DGPS Survey for BH fixation & RL determination	Per Point of observation	1.3.2	24,000	4	96000	192000	7 Block corner points & 4 boreholes
	Sub-Total B					**96,000**	**192000**	
C	**DRILLING**							
1	Excavation of trenches up to 2.0m depth	per cu. m	2.1.1	4125	50	206250	412500	
2	Core Drilling (Hard rock in NQ size) (2nd Phase)	m	2.2.1.1d	10,000	300	3000000	6000000	Tree (03) nos. of scout drilling of average 100m depth
3	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	30,000	3	90,000	1,80,000	As per Actual as certified by local authorities subject to a maximum of Rs. 30000 per borehole
4	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2000	3	6,000	12,000	
5	Borehole plugging by cement	Lumpsum per borehole	2.2.8	10000	3	30,000	60,000	
6 7 8 9 10	Miscellaneous charges (Transportation of Drilling Rig, Accommodation for drill Camp, Camp setting and winding, construction of	Lumpsum	2.2.9(2)	For drilling cost more than Rs. 50 lakhs and less than 1 crore 20% of cost with maximum ceiling of Rs 15 Lakhs		12,00,000	12,00,000	

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	Approach road and drill core preservation).							
11	Drill Core Preservation	per m	5.3	1,590	150	2,38,500	2,38,500	
	Sub Total C					**47,70,750**	**81,03,000**	
E	**LABORATORY STUDIES**							
	Chemical Analysis							
1								
a)	Major oxides (WD XRF) -(oxides + traces- 24 elements)	Nos	4.1.17a	4,200	50	2,10,000	2,10,000	
b)	Check samples Internal (10%)	Nos	4.1.17a	4,200	5	21,000	21,000	
2.a)	Analysis of one rock/soil sample for quantitative analysis of 14 REE elements+9 Trace element (V, Ba, Ga, Mo, U, Cu, Pb, Zn, Y) by ICPMS	Nos	4.1.15	7400	150	11,10,000	11,10,000	50 trench samples+ 50 BRS+ 50 core samples
b)	Check samples Internal (10%)	Nos	4.1.15	7400	15	1,11,000	1,11,000	
3.a)	Proximate Analysis of Graphite	Nos	4.1.18	3,614	65	2,34,910	2,34,910	a. 25 nos. from BRS samples b. 15 nos. from channel samples c. 25 nos. from trench samples (composite from each trench)
b)	Check samples Internal (10%)	Nos	4.1.18	3,614	7	25,298	25,298	

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c	XRD analysis for identification of minerals (Random)	Nos	4.5.2	4,000	20	80,000	80,000	
5	**Physical & Petrological Studies**							
a)	Preparation of polished thin section of Rock	Nos	4.3.2	800	10	8,000	8,000	
b)	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	28,000	
e)	Raman Spectrometry (graphite crystallinity)	hrs	4.5.1	2,700	5	13,500	13,500	
g)	EPMA	hrs	4.4.1	10,500	10	1,05,000	1,05,000	
	Sub Total E					**19,46,708**	**19,46,708**	
F	**Total A to E**					**1,04,05,172**	**1,56,51,536**	
G	**Geological Report Preparation**	**Nos**	**5.2**	Total cost of the project exceeding Rs. 150 lakh Rs 7.5 Lakh			**7,50,000**	
H	**Peer review Charges**	**lumpsum**	**As per EC decision**				**30,000**	
I	**Preparation of Exploration Proposal**	**5 Hard copies**	**5.1**	2% of the Cost or Rs. 5.0 Lakhs whichever is less			**3,13,031**	EA will be reimbursed after submission of the Hard Copies and the soft copy of

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	(5 Hard copies with a soft copy)	**with a soft copy**						the final proposal along with Maps and Plan as suggested by the TCC-NMET in its meeting while clearing the proposal.
J	**Total Estimated Cost without GST**						**1,67,44,567**	
K	**Provision for GST (18% of J)**						30,14,022.01	GST will be reimbursed as per actual and as per notified prescribed rate
L	**Total Estimated Cost with GST**						**1,97,58,589**	
M				**or Say Rs. In Lakhs**			**197.59**	
Note								
1	**Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.**							
2	**In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.**							
3	**If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMEDT SoC and Item no. 6 of NMEDT SoC. In**							
4	**Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.**							
5	**Any item of work not mentioned above shall be added as per SoC.**							
6	**All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.**							

Annexure 3B

Time Schedule/Action Plan Reconnaissance survey for Vanadium, Graphite, Barium and associated mineral in Chamdewal - Madlak Area, Champawat district of Uttarakhand.

S. No.	Activity	Months/Days	1	2	3	Review	4	5	6	Review	7	8	9	10
1	Camp Setting	Months												
2	Geological Mapping & Sampling	days												
3	Surface Drilling (1 rigs)	m												
4	Core logging and sampling													
5	Survey Party days	days												
6	Geologist Man days (Field)	days												
7	Geologist Man days (HQ)	days												
8	Sampler Man days	days												
9	Laboratory Studies	Nos.												
10	Report Writing with Peer Review	months												
11	Camp Winding	months												

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Agenda 30.1.3 Preliminary Exploration (G3) for Limestone in Adividevulapalli Block Nalgonda District, Telangana, Area: 5 Sq. Km.
ID: ME/DD/G3/TG/26-27/042.
[Implementing Agency: M/s GMMCO Technology Services Limited]

a) The proposed block of 5 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 56P/10, in parts of Nalgonda district, Telangana. The proposal was accorded in-principle approval in the 27th TCC-II meeting held on 13th and 23rd April, 2026, based on the results of the G4-stage exploration carried out by GSI in FS 2013-14. The exploration data indicate an average CaO content of 46.43%, SiO_2 content of 12.83%, and low MgO values ranging from 0.28% to 0.89%, suggesting the suitability of the limestone for cement-grade***. ENDORSEMENT IS REQUIRED FROM STATE.***

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	The Adividevulapalli Block area proposed falls within the G4 stage exploration block carried out by GSI during the FS year 2013-14 for Limestone and also falls within the Kotta-Ambapuram and Wazirabad Diamond Block (G4) which will be taken up in FS 2026 27.
2	MECL	The proposed block has no overlapping with the ongoing or completed blocks of MECL.
3	State DGM	There is no ongoing exploration / reconnaissance project. Endorsement limestone project received from state Government.
4	MECL	The proposed block does not overlap with DGM-explored or ongoing blocks.
5	NMEDT	The proposed area shows no overlap with NMEDT funded projects.

c) The agency informed that the proposed block is underlain by massive limestone of the Narji Formation, which is well known for its suitability as a raw material for cement manufacturing. Based on the G4-stage exploration carried out by GSI during FS 2013–14, detailed exploration through drilling has been recommended over an area of approximately 10 sq. km. Limestone exposures observed along the northern bank of the Krishna River and towards Virappagudem indicate good lateral continuity of the Narji Limestone within the area. Accordingly, the Agency has proposed 32 boreholes on a 400 m × 400 m grid pattern, with an average drilling depth of 50 m per borehole.

d) The committee agreed to recommend the proposal for approval of PSC and agreed to undertake drilling in 8 boreholes (BHs) on an 800 m × 800 m grid pattern, with an average proposed depth of 50 m for each borehole. However, drilling up to the full depth of 50 m shall be carried out only if justified by the presence and continuity of mineralization, and unnecessary drilling beyond the required depth should be avoided.

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e) The Committee's recommendation for the project shall be subject to endorsement by the Government of Telangana.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for "Preliminary Exploration (G-3 Stage) for Limestone in Adividevulapalli Block, Nalgonda District, Telangana" with an estimated cost of ₹96.21/- lakhs (including GST) within time schedule of 10 months for carrying out the proposed work and submission of geological report as per Annexure – 4A & 4B. The item will be reviewed after 3 and 6 months.

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Annexure-4A

Preliminary Exploration (G-3 Stage) for Limestone in Adividevulapalli Block, Nalgonda District, Telangana.
Total Block Area- 5 sq.km, Completion time- 10 months, Review- 3 and 6- months; Drilling 400m in 8 BHs (50 m each)
Implementing Agency: GMMCO Technology Services Limited

S. No.	Item of Work *	Unit *	Rates as per NMET SoC 2025		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						
i	Geological mapping, (1:4000 scale)	Sq.km	1.1	18,300	5	91,500	
ii	Charges for Geologist per day (Field) for geological mapping & trenching work	day	1.2.1a(b)	14,500	120	17,40,000	
iii	Charges for Geologist per day (HQ)	day	1.2.1a(a)	10,500	30	3,15,000	
iv	Labours Charges for field work	day	5.8	556	240	1,33,440	
v	Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	7,850	31	2,43,350	
vi	Labours Charges; Bedrock, Core sampling and preparation of sample	Per day	5.8	556	124	68,944	
vii	Charges for Surveyor	Per day	1.3.1	10500	30	3,15,000	
viii	Labours Charges for Surveyor	Per day	5.8	556	120	66,720	
vii	Surveyor for topographic survey/DGPS Survey and for BH fixation & RL determination (8 BH plus 4 Boundary points)	Per Point of observation	1.3.2	24000	12	2,88,000	
	Sub Total- A					**32,61,954**	
B	Drilling (Inhouse)						
i	Drilling (Inhouse)	per m	2.2.1.1c	5,500	400	22,00,000	8BHs 50 m each, Borehole depth to be 50 m only when justified by presence of mineralization.

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							. Unnecessary drilling to be avoided.
ii	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	30,000	8	2,40,000	as per Actual with maximum of Rs 30,000 per borehole
iii	Construction of concrete Pillar (12"x12"x30")	Per borehole	2.2.7	2,000	8	16,000	
iv	Borehole plugging by cement	Lum sum per borehole	2.2.8	10,000	8	80,000	
v	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drill Camp, Camp setting and winding, construction of Approach Road and Drill core preservation)	Drilling cost	2.2.9	0.25		550000	1. For Drilling cost less than 50 Lakhs: 25% of the Drilling Cost
vi	Core Preservation	m	5.3	1590	200	318000	
	Sub Total- B					**34,04,000**	
C	**LABORATORY STUDIES**						
1	Chemical Analysis						
i	Major oxides (WD XRF)- (oxides+ traces -24 elements)	Per Sample	4.1.17a	4,200	220	924000	BRS-20, CS-200,
	External Check (10%)	Per Sample	4.1.17a	4,200	22	92,400	
ii	Physical & Petrological Studies						
	a. Preparation of thin section	Per Sample	4.3.1	500	5	2,500	
	b. Study of thin section	Per Sample	4.3.4	2800	5	14,000	
	Bulk Density		4.8.3	2500	8	20,000	
	Sub Total C					**10,52,900**	
	Total A to C					**77,18,854**	
D	Geological Report Preparation	5 soft copies as per EC	5.2	Total cost exceeding 50 lakh but less than 150 lakh. 2.5 lakh		2,50,000	

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E	Peer review Charges	As per EC decision				30,000	
F	Preparation of Exploration Proposal (5 Hard copies with a soft copy)	5 Hard copies with a soft copy	5.1	2% of the Cost or Rs. 5.0 Lakhs whichever is less		1,54,377	
G	**Total Estimated Cost without GST**					**81,53,231**	
H	**Provision for GST (18% of J)**					**14,67,582**	
I	**Total Estimated Cost with GST**					**96,20,813**	
				Say Rs. In Lakhs		**96.21**	
Note:							
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.						
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.						
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMEDT SoC and Item no. 6 of NMEDT SoC. In						
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.						
5	Any item of work not mentioned above shall be added as per SoC.						
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.						

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Annexure 4B

Time Schedule - Proposal for Preliminary Exploration (G-3 Stage) for Limestone in Adividevulapalli Block, Nalgonda District, Telangana No. of BH:08 (50m depth each); Schedule timeline: 10 months

S. No	Activity	Months										
		1	2	3	Review-1	4	5	6	Review-2	7	8	9	10
1	Camp Establishment												
2	Geological mapping												
3	Sampling (BRS)												
4	Sampling analysis (BRS)												
5	Survey (Boundary points and Drill collars)												
6	Drilling												
7	Core logging & sampling												
8	Sampling analysis (Drill core samples)												
9	Laboratory analysis (Petrography & Bulk Density)												
10	Camp winding												
11	Report preparation and submission												

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Agenda 30.1.4 Preliminary Exploration (G3) For Aluminous Laterite, Titanium, Vanadium and associated minerals in Rukmapur Block, Sangareddy District, Telangana, Area: 5 Sq. Km.

ID: ME/DD/G3/TG/26-27/041.

[Implementing Agency: M/s GMMCO Technology Services Limited]

a) The proposed block of 5 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 56G/9, in parts of Sangareddy district, Telangana. The proposal was accorded in-principle approval in the 27th TCC-II meeting held on 13th and 23rd April, 2026, based on the GSI (2024) G4 stage report of the Naimatabad block which indicated significant enrichment of Al_2O_3 (up to 41.98%), TiO_2 (up to 3.13%), V (up to 1543 ppm), Sc (up to 124 ppm), and Ga (up to 37 ppm).

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	In the proposed area, no exploration/reconnaissance projects are ongoing. Falls within the G4 Naimatabad laterite G4 block of FS 2024 25.
2	MECL	The proposed block does not overlap with AMD-explored or ongoing blocks.
3	DGM	Most of the area in the proposed block is allotted to NIMZ (National Investment Manufacturing Zone) by the Revenue Dept & TGIIC.
4	MECL	The proposed block has no overlapping with the ongoing or completed blocks of MECL.
5	NMEDT	As per the NGDR portal, the proposed block does not overlap with explored or ongoing blocks.

c) DGM Telangana informed that the proposed block has an overlap with the National Investment Manufacturing Zone (NIMZ), declared by the Revenue Department, Government of India & Telangana Industrial Infrastructure Corporation Limited (TGIIC).

d) In light of the above, the Committee does not find the proposal suitable for recommendation.

Recommendations of TCC-II

The Committee did not recommend the proposal for approval of PSC as the proposed block has an overlap with the National Investment Manufacturing Zone (NIMZ).

Agenda 30.1.5 Preliminary exploration for establishing zones of copper and associated mineralization in Sirasghat, Tekepar, Makardhokra block, Bhandara district, Maharashtra. Area: 5.68 sq. km.

ID: ME/DD/G3/MH/26-27/018.

[Implementing Agency: M/s Bhushilp Mines and Minerals Private Limited]

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a) The proposed block of 5.68 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 55O/12, in parts of Bhandara district, Maharashtra.
b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	GSI has carried out a G4 stage investigation in the proposed area in FS. 2023-24 titled "Reconnaissance survey for copper associated mineralization in Silli- Makardhokra- Vaghabori area, Bhandara District, Maharashtra". The received proposal is based on the outcome of this G4 stage investigation. GSI, SU: MH, Nagpur, is proposing to take up G3 item titled, 'Preliminary exploration for copper-gold-bismuth and associated mineralization in Tekepar area, Bhandara District, Maharashtra' in FS 2026-27' with area of 3.44 sq. km.
2	MECL	No overlapping with the ongoing or completed blocks of MECL.
3	State DGM	At present, no ongoing exploration or reconnaissance project specifically related to Copper and Associated mineralization has been reported within the proposed block area by the Directorate
4	NMEDT	The proposed block does not overlap with explored or ongoing blocks.

c) The agency informed that GSI has carried out a G4 stage investigation in the proposed area in FS 2023-24. The present proposal is based on the outcome of this G4 stage investigation. Copper concentration from BRS samples ranges from 50 ppm to 2.2% while in channel samples it ranges from 325 ppm to 0.59%. Based on the encouraging results of BRS and Channel samples, mineralised zone has been delineated in 3 areas namely Sirasghat, Tekepar and Makardhokra.
d) GSI informed that there is an overlap of the proposed block with GSI's exploration block of FS 2026-27.
e) The committee advised the agency that to modification of the proposed block boundary by excluding the area overlapping with GSI's exploration block and directed resubmission of the revised proposal indicating geological merits, scientific rational of proposal, supported by existing field data, previous exploration results and mineral occurrence evidence in the next TCC meeting.

Recommendations of TCC-II

The Committee advised the agency that to modification of the proposed block boundary by excluding the area overlapping with GSI's exploration block and directed resubmission of the revised proposal in the next TCC meeting.

Agenda 30.1.6 Reconnaissance Survey(G4) for REE/RM in Kapasi Block for Tikamgarh District, Madhya Pradesh. Area: 61.32 sq. km.

ID: ME/IND/G4/MP/P/26-27/006.

[Implementing Agency: M/s BMRC Geomining Solutions Private Limited]

a) The proposed reconnaissance survey (G4) of 61.32 sq. km area falls in Survey of India Toposheet nos. 54O/4 & 54O/8, in parts of Tikamgarh District, Madhya Pradesh. The proposal was accorded in-principle approval in the 26th TCC-II

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meeting held on 1st and 2nd April, 2026.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	The proposed area lies adjacent to the north of the GSI proposed FSP 2026-27 project titled Reconnaissance survey for copper and associated mineralization around Simra Khurd and Lahar Buzurg areas, District Tikamgarh, Madhya Pradesh.
2	MECL	There is no ongoing exploration / reconnaissance project.
3	State DGM	There is no ongoing exploration work by the department for REE & RM or other mineral in the proposed area. There is one mineral concession of minor mineral (Sand) having 2.000 Hectare is overlapped by proposed area. (map is attached for reference).
4	AMD	There is no ongoing exploration / reconnaissance project.
5	NMEDT	The proposed block does not overlap with explored or ongoing blocks.

c) The agency informed that GSI has done investigation for Gold and associated sulphide mineralisation in this area in FS 2016-17. The analytical results indicate that 7% of the analysed samples have Cu values exceeding 1000 ppm, 21% of the samples show Bi values greater than 1 ppm, and 25% of the samples record Ag values of 1 ppm. Further, the samples collected by the Agency indicate Total Rare Earth Elements (TREE) values up to 270.6 ppm, with maximum recorded values of 246.7 ppm for LREE, 11 ppm for HREE, and 19.9 ppm for Y.

d) The Committee observed that the reported REE values in the proposed area are insignificant, background information presented not favouring mineral potentiality, indicated TREE values were less than 500 ppm, therefore, did not recommend the proposal for approval.

Recommendations of TCC-II

The Committee did not recommend the proposal for approval of PSC as the reported REE values in the proposed area were insignificant.

Agenda 30.1.7 Reconnaissance Survey for REE in Redhakhol Block (G4), Sambalpur District, Odisha, Area: 67.85 sq. km.

ID: ME/IND/G4/OD/P/26-27/008.

[Implementing Agency: M/s My World Consultancy Services Private Limited]

a) The Agency proposed the DPR for reconnaissance survey (G4) of 67.99 sq. km area, which falls in Survey of India Toposheet nos. 73C/8 and 73D/5, in parts of Sambalpur and Angul Districts, Odisha. The proposal was accorded in-principle approval in the 27th TCC-II meeting held on 13th and 23rd April, 2026, based on previous studies by GSI, indicating favourable conditions for REE mineralization.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	GSI has conducted G4-level exploration targeting REE occurrences to the north of the proposed block based on the GCM work carried out during 2001-2002. During G4, 176

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		bedrock samples was subjected to geochemical analysis. While the analytical results indicate a broad concentration range from 2.9 ppm to 2108.45 ppm, the data distribution is heavily skewed. Only one sample has yielded 2108.45 ppm REE, which represents an isolated anomaly rather than a sustained mineralized trend. The calculated average value of 207.44 ppm falls significantly below the economic threshold typically required for viable REE deposits. No overlap.
2	MECL	The proposed Redhakhol Block, Sambalpur district, Odisha completely with the proposed MECL's Hatibahal Block for REEs and associated minerals for which consent from the state govt. has already been accorded. The proposal is under preparation for submission in the forthcoming TCC. Hence the area proposed by the said agency is not recommended.
3	DGM	The proposed area overlaps with the Dalki-Kusumkhol Block proposed by MECL for exploration. As per available information, DoMG has given consent for exploration for REE, Sn, Nb over an area of 86.63 sq. km, Sambalpur, Odisha falling in Survey of India Toposheet No. 73C/08.
4	AMD	There is no ongoing exploration / reconnaissance project.
5	NMEDT	The proposed block does not overlap with explored or ongoing blocks.

c) The agency informed that, Geochemical mapping by GSI in 2001-02, reported ΣREE concentration in the range of 94.98 ppm to 10112.89 ppm (≈1%). A total of 18 stream sediment samples generated under the NGCM work fall within the proposed area and exhibit ΣREE values exceeding 500 ppm, out of which 11 samples show values greater than 1000 ppm. Further, during 2017-18, reconnaissance survey for REE in alkaline rocks around Rairakhol (Redhakhol) area was taken up by GSI, SU: Odisha (Rana and Roychoudhury, 2019), wherein the EPMA study revealed presence of allanite, perrierite, monazite and Y+REE phosphate phases in the syenites of Beldih and Kusarimunda village. The Total REE in BRS varied from 2.9 ppm to 2108 ppm and in stream sediments, the total REE varied from 85 ppm to 7399 ppm. In southern part of the toposheet No. 73C/8, geochemical results of stream sediment samples showed two anomaly peaks with ΣREE values of 2713 ppm and 10183 ppm.

d) The committee agreed to recommend the proposal for approval of PSC. The committee advised that the project should be executed in a phased manner. In the initial Phase-I, geological mapping on a 1:12,500 scale, pitting/trenching, and sampling activities shall be carried out, followed by the requisite chemical analysis of the collected samples. Further activities, including drilling of 4 boreholes (BHs), shall be taken up based on the outcomes and review of the Phase-I work completed under the project.

e) The committee also advised preparation of detailed geological map and drainage map for the proposed investigation area to facilitate a review and finalisation of the quantum of stream sediment and soil sample collection. The prepared drainage map shall be reviewed after two months from the date of issuance of the project sanction order.

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Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for "Reconnaissance Survey (G4 Stage) for REE and associated minerals in Redhakhol Area in parts of Sambalpur and Angul District, Odisha" with an estimated cost of ₹140.56/- lakhs (including GST) within time schedule of 10 months for carrying out the proposed work and submission of geological report as per Annexure – 5A & 5B. The item will be reviewed after 2 and 7 months.

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Annexure-5A

Reconnaissance Survey (G4 Stage) for REE and associated minerals in Redhakhol Area in parts of Sambalpur and Angul District, Odisha
Area-68 sq. km, Schedule timeline: 10 months, Drilling: 400 m (4 Boreholes), Review after: 2 and 7 months
[Implementing Agency: M/s My World Consultancy Services Private Limited]

S. No.	Item of Work *	Unit *	Rates as per Revised SoC dated 15-12-2025		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**						
a.	Large scale (LSM) Geological Mapping/ Traverse mapping I Detailed Mapping in Peninsular India: Large scale Geological mapping on 1: 12,500,	sq. km.	1.1	18,300	68.00	12,44,400	
b.	Geological Field days	per day	1.2.1a	14,500	120	17,40,000	
c.	Other Geological work/ (HQ)	per day	1.2.1a	10,500	30	3,15,000	
d.	Labours Charges; Base rate	Per day	5.8	556	240	1,33,440	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
e.	Charges for one Sampler per day (1 Party)	Per day	1.2.1b	7,850	28	2,19,800	ok
f.	Labours Charges; Base rate	Per day	5.8	556	112	62,272	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
	Sub Total- A					**37,14,912**	
C	**Survey work**						

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a.	Demarcation of lease boundary, Fixation of borehole and determination of co-ordinates & Reduced Level (RL) of the boreholes by DGPS	Per Point of observation	1.3.2	24,000	4	96,000	
	Sub-Total C					**96,000**	
D	**Mineral Investigation**						
2.1	**Trenching/Pitting**						
a.	**Trenching**	per cu. m	2.1.1	4,125	40	165000	
b.	**Pitting**	per cu. m	2.1.2	4,725	40	189000	
2.2	**Drilling**						
a.	Drilling up to 300m (Hard Rock)	per m	2.2.1.1d	10,000	400	40,00,000	
b.	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	30,000	4	1,20,000	as per Actual with maximum of Rs 30,000 per borehole
c.	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2,000	4	8,000	
d.	Borehole plugging by cement	Lumpsum per borehole	2.2.8	10,000	4	40,000	
c.	Drill Core Preservation	Per m	5.3	1,590	200	3,18,000	
e.	Miscellaneous Charges (Transportation of Drilling Rig, accommodation for Drilling Camp, Camp Setting and winding, construction of approach road and Drill core preservation	Lumpsum	2.2.9		1	10,00,000	
	Sub Total D					**58,40,000**	
E	**Laboratory Studies**						

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4.1	**Chemical Analysis**						
a.	ICP-MS analysis of 14REE & 9 trace elements	Per sample	4.1.15	7,400	200	14,80,000	Pit/Trench sample: 50; BRS/Channel: 50; Core sample: 50; Soil sample:25; stream sediment:25 sampling plan and quantum to be decided at first review
b.	External Check (10%)	Per sample	4.1.15	7,400	20	1,48,000	
4.3	**Petrological Studies**						
a.	Preparation of polished thin section of rock/ wafer	Per sample	4.3.2	800	20	16,000	
c.	Complete petrographic/ ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo micrographs)	Per sample	4.3.4	2,800	20	56,000	
4.4	**EPMA/SEM Lab.**						
a.	EPMA studies	Per hour	4.4.1	10,500	5	52,500	
	Sub Total E					**17,52,500**	
					Total A to E	**1,14,03,412**	
F	**Miscellaneous Charges**						
a.	Preparation of Exploration Proposal		5.1			2,28,068	
b.	Geological Report Preparation	5 soft copies as per EC	5.2			2,50,000	
e.	Peer review Charges		As per EC decision			30,000	
G	**Total Estimated Cost without GST**					**1,19,11,480**	
H	**Provision for GST (18% of G)**					**21,44,066**	GST will be reimbursed as per actual and as per notified prescribed rate
I	**Total Estimated Cost with GST**					**1,40,55,546**	

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				or Say Rs. In Lakhs		**140.56**	
Note:							
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.						
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.						
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMEDT SoC and Item no. 6 of NMEDT SoC. In						
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.						
5	Any item of work not mentioned above shall be added as per SoC.						
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.						

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Annexure 5B

Time Schedule for Reconnaissance Survey for REE and associated minerals in Redhakhol Area in parts of Sambalpur and Angul District, Odisha (G4 Stage),
Area-68 sq. km , Schedule timeline : 10 months, Drilling : 400 m (4 Boreholes), Review after: 2 and 7 months

SL NO.	Item of work	1	2		3	4	5	6	7		8	9	10
1	Camp setting and Geological Mapping (1:12,500)			REVIEW						REVIEW			
2	Geochemical Sampling (SSS/ SGCS/ BRS/RS)												
3	Excavation of Pit & Sample collection												
4	Scout Drilling, Collection of core samples & DGPS Survey for BH fixation												
5	Laboratory Studies												
6	PS, OM & EPMA studies												
7	Interpretation of analytical data, Finalization of maps, plates, logs etc.												
8	Review and Preparation of the Report												
9	Peer Review and Final Submission of the report												

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Agenda 30.1.8 Reconnaissance survey (G4) for tin, tantalum and niobium-bearing pegmatites in Katekalyan Block, western periphery of the Baster–Koraput Pegmatite Belt, District Dantewada, Chhattisgarh. Area: 114 sq. km.

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

a) The proposed reconnaissance survey (G4) of 114 sq. km area falls in Survey of India Toposheet no. 65F/10, in parts of Dantewada District, Chhattisgarh. The proposal was accorded in-principle approval in the 26th TCC-II meeting held on 1st and 2nd April, 2026.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	Overlaps with Interim Report on The Regional Stream Sediment Surveys for Tin and Associated Rare Metal Mineralisation. In Parts of Bastar District, Madhya Pradesh (1979-80 and progress report, Geology & Geomorphology. (1981-82)
2	MECL	No overlapping with the ongoing or completed blocks of MECL.
3	DGM	Not available
4	AMD	AMD has carried out exploration (G4/G3 stage) for Rare Metals in different phases. In view of above, the block is not recommended in the interest of envisaged follow up prospecting operations for rare metal by AMD and to avoid duplication of work.
5	NMEDT	The proposed block does not overlap with explored or ongoing blocks.

b) The agency informed that GSI carried out investigations during 1981-82 for tin (Sn) occurrences in the Katekalyan area, located to the east of the proposed area, and established Sn values up to 990 ppm in pegmatites of the region. The proposed area also records evidence of several old workings, probably associated with tin, at Nerli, Padapur, and east of Bacheli.

c) In pursuance of the directives of TCC-II during its 26th meeting, the agency carried out limited field investigations in the area during April 2026, and three cassiterite-bearing pegmatite occurrences were identified. The collected samples were chemically analysed for Sn, Ta, Nb, and associated REE at GSI, Central Region, Nagpur. The analytical results indicate Sn, Ta, and Nb concentrations ranging from 972-1504 ppm, 194-335 ppm, and 233-262 ppm, respectively, along with REE values ranging from 75-205 ppm. The geological setting of the area indicates promising tin mineralisation, and the association of Ta and Nb with Sn has also been established in the area.
Further, as advised by TCC-II, the original block area of 146 sq. km has been reduced to 114 sq. km based on the alignment of pegmatite bodies and delineation of lithological units.

d) The committee observed that the pegmatites dimensions on surface were not significant and suggest that the project to be executed in phases. In first phase LSM, sampling, pitting can be taken to establish geological potentiality of area.

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e) Considering the above the Committee agreed to recommend the proposal for approval of PSC.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for "Reconnaissance survey (G4) for Rare Metals in Katekalyan Area, western periphery of the Baster–Koraput Pegmatite Belt, District Dantewada, Chhattisgarh" with an estimated cost of ₹79.72/- lakhs (including GST) within time schedule of 10 months for carrying out the proposed work and submission of geological report as per Annexure – 6A & 6B. The item will be reviewed after 3 and 6 months.

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Annexure-6A

Cost Estimate for Reconnaissance survey (G4) for Rare Metals in Katekalyan Area, western periphery of the Baster–Koraput Pegmatite Belt, District Dantewada, Chhattisgarh.
Area: 114 sq. km, Completion time- 10 months, Review- 3 and 6- months
Implementing Agency: Deepsar Mineral Explorer

S.No.			Item of Work	Unit	Rates as per NMET SoC 2025-26		Estimated Cost of the Proposal for		Remarks
					SoC-Item - Sl. no.	Rates as per SoC	Qty.	Total Amount (Rs)	
A	**GEOLOGICAL WORK**								
	1	**Geological Mapping, other Geological Work & Surveying**							
		a	Geological Mapping (1:12500 scale) & Trenching & Pitting work	Per Sq. Km	1.1b	**18300**	114	2086200	
		b	Charges for one Geologist per day at HQ	day	1.2.1a	**10,500**	30	3,15,000	
		c	Charges for one Geologist per day (field)	day/geologist	1.2.1a	**14,500**	120	17,40,000	Geological Mapping, Pitting & Trenching etc.
		d	Labour Charges(02Nos) for one Geologist	day	5.8	**556**	240	1,33,440	As per rates prescribed by Central Labour Commission rates or respective State Govt. whichever is higher
		e	Charges for Sampler (1 party)	one sampler per day	1.2.1b	**7,850**	24	1,88,400	
		f	Labour Charges (4 Nos) for Sampling Work	day	5.8	**556**	96	53,376	As per rates prescribed by Central Labour Commission rates or respective State Govt. whichever is higher
							Total A	**45,16,416**	
B	**Pitting/Trenching**								
	1		Trenching	per Cu. m	2.1.1	**4,125**	40	165000	
	2		Pitting	per Cu. m	2.1.3	**6,662**	40	2,66,480	
							Total - B	**4,31,480**	

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C	**LABORATORY STUDIES**								
	1	**Chemical Analysis**							
		(i)	Analysis of REE (14 Element) by ICPMS	per sample	4.1.15	**7,400**	130	962000	50 BRS/Channel +80Trench/Pit
		(ii)	Check Samples – 7 radicals (same)	per sample	4.1.15	**7,400**	13	96200	
		(iii)	Primary Samples – XRF (Major Oxides + traces – 24 elements)	per sample	4.1.17a	**4,200**	30	126000	
	2	**Physical & Petrological Studies**							
		(i)	Preparation of polished thin section of rock	per sample	4.3.2	**800**	20	16000	
		(ii)	Complete petrographic/ ore Microscopic studies	per sample	4.3.4	**2,800**	20	56000	
		(iii)	XRD Studies	per sample	4.5.2	**4,000**	10	40000	
		(iv)	EPMA	per Hour	4.4.1	**10,500**	10	105000	
							TOTAL - C	**14,01,200**	
							Total (A+B+C)	**63,49,096**	
F	**Preparation of Exploration Proposal**			-	5.1	**2% of the Cost or Rs. 5 Lakhs whichever is lower**		**1,26,982**	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.
G	**Administrative Charges for getting forest clearance**			As per Actual	5.7	**As per Actual**	-	-	As per actuals
H	**Geological Report Preparation**			5 Hard copies with a soft copy	5.2	**Total Cost Exceeding 50 lakhs and less than 150 lakhs**		**2,50,000**	

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I	**Peer review Charges**		As per EC decision			**30,000**	
					Total Estimated Cost without GST	**67,56,078**	
	Provision for GST (18% of GST)	**%**				**12,16,094**	GST will be reimbursed as per actual and as per notified prescribed rate
					Total Estimated Cost with GST	**79,72,172**	
					or Say Rs. In Lakhs	**79.72**	
Note:							
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.						
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.						
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMEDT SoC and Item no. 6 of NMEDT SoC. In						
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.						
5	Any item of work not mentioned above shall be added as per SoC.						
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.						

Annexure 6B

Time Schedule/ Action Plan for Reconnaissance survey (G4) for Rare Metals in Katekalyan Area, western periphery of the Baster–Koraput Pegmatite Belt, District Dantewada, Chhattisgarh.

Completion time- 10 months, Review- After 3 months and 6- months

S.No.	Particulars	Months										
		1	2	3	REVIEW	4	5	6	REVIEW	7	8	9	10
1	Pre-field Preparation and RS Studies												
2	Mobilisation & Reconnoitre traverses												
3	Large Scale Mapping & Sampling												
4	Surface samples analysis												
5	Pitting & Trenching												
6	Pitting & Trenching Sample Analysis												
7	Geologist Man days												
8	Sampler Man Days												
9	Report writing & Peer reviewing												

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Agenda 30.1.9 Preliminary Exploration (G3) of Limestone in Kebang North Block, Siang District, Arunachal Pradesh, Area: 5.98 sq. km.
[Implementing Agency: M/s MMPL Private Limited]

a) The proposed block of 5.98 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 82P/4, in parts of Siang district, Arunachal Pradesh. The proposal was accorded in-principle approval in the 24th TCC-II meeting and in 28th TCC-II held on 7th and 8th May, 2026, Committee deferred the project proposal as the proposed area of 14.84 sq. km. was too large for G3 stage of exploration. Further, The Committee advised the agency to prepare two separate blocks with an area of around 5-6 sq km each covering exposed part of limestone of Buxa Formation and submit the DPRs at the G3 level accordingly.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	Currently no exploration / reconnaissance projects related to Limestone and associated Minerals and any other mineral/commodity is being carried out by GSI in the proposed area. The proposed NMEDT block partly overlaps with the already explored block of F.S.1995-96 (Sitaram and Bendre) P-II stage of investigation for limestone.
2	MECL	The block proposed is not overlapping with explored block and ongoing blocks.
3	State DGM	No previous or ongoing reconnaissance/exploration work, departmental exploration, or existing mining/quarry lease has been reported within the proposed area. DGM, Arunachal Pradesh informed that there is currently no limestone production in the State. However, significant quantities of limestone-based cement will be required for ongoing and upcoming hydropower and infrastructure projects. Developers, including NHPC Limited and the Etalin Hydropower Project, have projected limestone requirements exceeding 61 lakh MT. Therefore, exploration and development of local limestone resources is essential to meet future demand and avoid delays and high transportation costs
4	NMEDT	There are no completed or ongoing NMEDT-funded projects in the proposed block.

c) The agency informed that, in pursuance of recommendation by TCC-II in 28th meeting, the proposed block of 5.98 sq. km. area has been carved out from the original proposed block of 14.84 sq. km. for G3 stage of exploration. Further, it was briefed by the Agency that earlier investigations by Vikram Rai and J.K. Srivastava (1992-93) reported the occurrence of dolomitic limestone in the Siang-Yamne Valley. Jamwal and Nagasashidhar (1992-93) identified marble/limestone bands ranging in thickness from 3-40 m, including three prominent bands having widths of 1500 m, 1500 m, and 300 m, respectively, with a strike continuity of 4 to 5 km. Further, Sitaram and Bendre (1995-96) reported limestone occurrences with CaO content exceeding 40% and MgO content below 6%. The estimated resources were reported as 7.07 million tonnes at Pangin, 37 million tonnes at Lokpeng, and 1.49 million tonnes at Kabu.

The chemical analysis results of samples collected by MMPL from the proposed block and adjoining areas indicate CaO values up to 53.78%.

d) Considering the above the committee agreed to recommend the proposal for approval of PSC. The Committee advised that the project should be executed in a phased manner. In the initial Phase-I, detailed geological mapping on a 1:4,000 scale, topographical survey and sampling activities shall be carried out, followed by the requisite chemical analysis of the collected samples. Further activities, including drilling of 5 boreholes (BHs), shall be taken up based on the outcomes and review of the Phase-I work completed under the project.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for "Preliminary exploration (G3) of Limestone in Kebang North Block, Siang district, Arunachal Pradesh" with an estimated cost of ₹181.32/- lakhs (including GST) within time schedule of 12 months for carrying out the proposed work and submission of geological report as per Annexure – 7A & 7B. The item will be reviewed after 4 and 8 months.

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Annexure-7A

Cost Estimate for Preliminary Exploration (G3) Of Limestone in Kebang North Block, Siang District, Arunachal Pradesh
Area 5.98 sq. km, Drilling - 500 m (5 BHs); Schedule & timeline- 12 months, Review: After 4 and 8 months

S. No.	Item of Work *	Unit *	Rates as per NMET SoC 2020-21		Estimated Cost of the Proposal			Remarks
			SoC-Item No. *	Rates as per SoC * (a)	Qty. (b)	Total Amount (Rs) (a*b)	Total Amount multiplying 2X (Rs) (a*b)	
A	**Geological Mapping Other Geological Work & Surveying**							
	Detailed Geological mapping, (1:4000 scale) & Trenching, drilling work	Per sq. Km	1.1	28,600	5.98	1,71,028	1,71,028	
i	a. Charges for Geologist per day (Field) for geological mapping & trenching work, drilling work	day	1.2.1 a(b)	14,500	100	14,50,000	29,00,000	2 Geologist at field for Mapping, pitting Drilling and core sample supervision
ii	b. Labours Charges; Base rate	day	5.8	556	200	1,11,200	2,22,400	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
	c. Charges for Geologist per day (HQ)	day	1.2.1 a(a)	10,500	30	3,15,000	3,15,000	
	d. Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	7,850	35	2,74,750	5,49,500	

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	e. Labours (4 Nos)	day	5.8	556	140	77,840	1,55,680	
	Sub Total- A					**23,99,818**	**43,13,608**	
B	**Survey work**							
a	DGPS Survey for BH fixation & RL determination and lease boundary demarcation	Per Point of observation	1.3.2	24,000	9	2,16,000	4,32,000	4 cardinal points + 5 BH points
b	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.	one surveyor per day	1.3.1	10,500	60	6,30,000	12,60,000	
c	Labours Charges for survey work;	day	5.8	556	240	1,33,440	2,66,880	
	Sub-Total B					**9,79,440**	**19,58,880**	
C	**DRILLING IN HOUSE (after review)**							
1	Core Drilling up to 300m (soft Rock)	m	2.2.1.1c	5,500	500	27,50,000	55,00,000	

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3	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	30,000	5	1,50,000	3,00,000	as per actual as certified by local authorities subject to a maximum of Rs. 30,000 per borehole
4	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2,000	5	10,000	20,000	
5	Miscellaneous Charges (Drill camp setting / transportation etc.)	Lumpsum	2.2.9			11,00,000	11,00,000	For drilling cost more than 50 lakhs, less then1 Crore
10	Drill Core Preservation	per m	5.3	1,590	250	3,97,500	3,97,500	
	Sub-Total D					**44,07,500**	**73,17,500**	
D	**LABORATORY STUDIES**							
1	**Chemical Analysis**							
i)	**Major oxide (WD XRF) (Oxides + traces 24 elements)**	**per sample**	**4.1.17a**	4,200	**250**	10,50,000	10,50,000	BRS:50, BH CORE: 200
ii)	**Major oxide (WD XRF) (Oxides + traces 24 elements) (10% external)**	**per sample**	**4.1.17a**	4,200	25	1,05,000	1,05,000	
2	**Physical & Petrological Studies**						-	
i	Preparation of thin section	Nos	4.3.1	500	10	5,000	5,000	
ii	Study of thin section	Nos	4.3.4	2,800	10	28,000	28,000	
v	Bulk Density	Nos	4.8.3	2,500	5	12,500	12,500	

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	Sub-Total D					**12,00,500**	**12,00,500**	
	Total A to D					**89,87,258**	**1,47,90,488**	
E	**Geological Report Preparation**	**5 Hard copies with a soft copy**	**5.2**	**5.2 (i/ii/iii/iv)**			**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.
F	**Peer review Charges**		**As per EC decision**				**30,000**	
G	**Preparation of Exploration Proposal (5 Hard copies with a soft copy)**	**5 Hard copies with a soft copy**	**5.1**	**2% of the Cost or Rs. 5 Lakhs whichever is lower**			**2,95,810**	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.
H	**Total Estimated Cost without GST**						**1,53,66,298**	
I	**Provision for GST (18%)**						**27,65,933.60**	GST will be reimbursed as per actual and as per notified prescribed rate
J	**Total Estimated Cost with GST**						**1,81,32,231**	
				or Say Rs. In Lakhs			**181.32**	
Note:								
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.							
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.							
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMEDT SoC and Item no. 6 of NMEDT SoC. In							
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.							
5	Any item of work not mentioned above shall be added as per SoC.							
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.							

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Annexure 7B

Time Schedule/ Action Plan for Preliminary Exploration (G3) Of Limestone in Kebang North Block, Siang District, Arunachal Pradesh

S. No.	Item of work	Months												
		1	2	3	4	REVIEW	5	6	7	8	REVIEW	9	10	11	12
1	Camp Setup														
2	Detailed Mapping (1:4000)														
3	Bed Rock Sampling														
4	Chemical analysis of surface samples														
5	Systematic drilling (800X800m)														
6	Core sampling and its preparation														
7	Chemical analysis of Core Samples														
8	Processing of Analytical data														
9	Preparation of geological report														
10	Peer review														
11	Final submission														

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Agenda 30.1.10 Preliminary Exploration (G3) of Limestone in Kebang South Block, Siang District, Arunachal Pradesh, Area: 5.87 sq. km.
[Implementing Agency: M/s MMPL Private Limited]

a) The proposed block of 5.87 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 82P/4, in parts of Siang district, Arunachal Pradesh. The proposal was accorded in-principle approval in the 24th TCC-II meeting and in 28th TCC-II held on 7th and 8th May, 2026, Committee deferred the project proposal as the proposed area of 14.84 sq. km. was too large for G3 stage of exploration. Further, The Committee advised the agency to prepare two separate blocks with an area of around 5-6 sq km each covering exposed part of limestone of Buxa Formation and submit the DPRs at the G3 level accordingly.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	Currently no exploration / reconnaissance projects related to Limestone and associated Minerals and any other mineral/commodity is being carried out by GSI in the proposed area. The proposed NMEDT block partly overlaps with the already explored block of F.S.1995-96 (Sitaram and Bendre) P-II stage of investigation for limestone.
2	MECL	The block proposed is not overlapping with explored block and ongoing blocks.
3	DGM	No previous or ongoing reconnaissance/exploration work, departmental exploration, or existing mining/quarry lease has been reported within the proposed area. DGM, Arunachal Pradesh informed that there is currently no limestone production in the State. However, significant quantities of limestone-based cement will be required for ongoing and upcoming hydropower and infrastructure projects. Developers, including NHPC Limited and the Etalin Hydropower Project, have projected limestone requirements exceeding 61 lakh MT. Therefore, exploration and development of local limestone resources is essential to meet future demand and avoid delays and high transportation costs
4	NMEDT	There are no completed or ongoing NMEDT-funded projects in the proposed block.

c) The agency informed that, in pursuance of recommendation by TCC-II in 28th meeting, the proposed block of 5.87 sq. km. area has been carved out from the original proposed block of 14.84 sq. km. for G3 stage of exploration.
d) The committee deferred the project for discussion in upcoming TCC-II meeting.

Recommendations of TCC-II

The Committee deferred the project for further deliberation and decided that the project shall be taken up for discussion in the upcoming TCC-II meeting.

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Agenda 30.1.11 Preliminary Exploration (G3) for non-metallic in Bhopali West Graphite Block, Betul, Madhya Pradesh.

ID:ME/DD/G3/MP/26-27/021.

[Implementing Agency: M/s MMPL Private Limited]

a) The proposed block of 1.83 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 55J/4, in parts of Betul district, Madhya Pradesh.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	Two G-4 stage investigation has already been carried out around the proposed block area, Investigation for graphite in Tikari, Gauthana, Chiklar and surrounding areas, Betul district, M.P. (Stage-G4, FS: 2012-13) and Reconnaissance survey for graphite in Golighat-Junawani-Borgaon and Rathipur-Chikhli-Bhopali areas in Betul belt, Betul District, Madhya Pradesh (Stage-G4, FS: 2017-18). Overlap with FS 2017-18.
2	AMD	AMD has carried out G4 stage of exploration for uranium in and around the proposed block in different phases, wherein evidence of U mineralisation has been established. Grab samples analysed up to 0.084% U_3O_8 from the area. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned. In view of the known potential for uranium in and around the proposed block and future follow up exploration plan by AMD, the proposed block is not recommended.
3	MECL	The block proposed is not overlapping with explored block and ongoing blocks.
4	State DGM	Not available
5	NMEDT	There are no completed or ongoing NMEDT-funded projects in the proposed block.

c) The Agency informed that, during 2017–18, GSI carried out G4 stage exploration for graphite in the Betul belt, covering the Bhopali area and its surroundings. In the Rathipur–Chikhli–Bhopali areas, falling within parts of Toposheet No. 55J04, two graphite-bearing bands were identified. The proposed project area covers the GSI-recommended Graphite Band-II and Graphite Band-III. Chemical analysis of trench samples and bedrock groove samples indicates Fixed Carbon (FC) values ranging from 1.54% to 14.83%.

d) Considering the above the Committee agreed to recommend the proposal for approval of PSC. The Committee advised that the project should be executed in a phased manner. In the initial Phase-I, detailed geological mapping on a 1:4,000 scale, topographical survey and sampling activities shall be carried out, followed by the requisite chemical analysis of the collected samples. Further activities, including drilling of 19 boreholes (BHs), shall be taken up based on the outcomes and review of the Phase-I work completed under the project.

Recommendations of TCC-II

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The Committee recommended the proposal for approval of PSC for "Preliminary exploration (G3) of Graphite in Bhopali West Block, Betul District, Madhya Pradesh" with an estimated cost of ₹346.22/- lakhs (including GST) within time schedule of 12 months for carrying out the proposed work and submission of geological report as per Annexure – 8A & 8B. The item will be reviewed after 4 and 8 months.

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Annexure-8A

Preliminary exploration (G3) of Graphite in Bhopali West Block, Betul District, Madhya Pradesh
Total area: 1.8 sq. km, Period of Completion: 12 months, Drilling 19 BH-1615 m, Review: 4 months and 8 months

S. No.	Item of Work *	Unit *	Rates as per NMET SoC		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**						
	Geological mapping, (1:4000) & Trenching, drilling work	per sq. km	1.1	18,300	1.8	32940	
i	a. Charges for Geologist per day (Field) for geological mapping & trenching work, drilling work	day	1.2.1b	14,500	120	1740000	
ii	b. Labours Charges; Base rate	Day	5.8	556	240	133440	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
iii	c. Charges for Geologist per day (HQ)	Per day	1.2.1a	10,500	30	315000	
iv	d. Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	7,850	85	667250	
v	e. Labours (4 Nos)	day	5.8	556	340	189040	
	Sub Total- A					**3077670**	
B	**Ground Geophysical Survey**						
1	SP (8-20 Lkm)	Line Km	3.3a	62,140	15	932100	
	Sub Total- B					**932100**	
C	**Survey work**						
a	DGPS Survey for BH fixation & RL determination, boundary determination	Per Point of observation	1.3.2	24,000	23	552000	19 BH and 4 cardinal points

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b	Surveyor 3for Topography survey	one surveyor per day	1.3.1	10,500	30	315000	
c	Labours Charges for survey work;	day	5.8	556	120	66720	
	Sub-Total C					**933720**	
E.2	**Drilling (after review)**						
1	Drilling up to 400m (Hard Rock)	m	2.2.1.1d	10,000	1,615	16150000	30 m VD, ore body thickness- 30m, borehole depth- 85m
3	Land / Crop Compensation (in case the BH falls in agricultural Land)	per borehole	5.6	30,000	19	570000	As per actuals
4	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2000	19	38000	
5	Borehole plugging by cement	Lum sum per borehole	2.2.8	10000	19	190000	0
6	Core preservation	per m	5.3	1,590	800	1272000	One full borehole of 110 m and 40 from remaining 18 boreholes. 110+720
	Sub Total E					**18220000**	
F	**LABORATORY STUDIES**						
	Chemical Analysis						
i)	**Geochemical Sampling- Surface samples (Bedrock/Channel)**						BRS=10, CHANNEL=100
	Major oxides (WD XRF) – (oxides + traces – 24 elements)	Per Sample	4.1.17a	4200	10	42000	
	c. Analysis of one rock/ soil sample for determination of a package by 34 elements by ICPMS (sequential technique)	Nos	4.1.15	7400	55	407000	
	Proximate analysis for Graphite	per sample	4.1.18	3614	110	397540	

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ii)	**Surface Check samples (10% External)**						
	Major oxides (WD XRF) – (oxides + traces – 24 elements)	Per Sample	4.1.17a	4200	1	4200	
	c. Analysis of one rock/ soil sample for determination of a package by 34 elements by ICPMS (sequential technique)	Nos	4.1.15	7400	6	44400	
	Proximate analysis for Graphite	per sample	4.1.18	3614	11	39754	
v)	**BH Core samples**						
	c. Analysis of one rock/ soil sample for determination of a package by 34 elements by ICPMS (sequential technique)	Nos	4.1.15	7400	20	148000	
	Proximate analysis for Graphite	per sample	4.1.18	3614	400	1445600	
vi)	**BH Core samples (10%External)**						
	c. Analysis of one rock/ soil sample for determination of a package by 34 elements by ICPMS (sequential technique)	Nos	4.1.15	7400	2	14800	
	Proximate analysis for Graphite	per sample	4.1.18	3614	40	144560	
	Sub Total F					**2687854**	
G	**<u>Physical & Petrological Studies</u>**						
i	Preparation of thin section	Nos	4.3.1	500	5	2500	
ii	Preparation of polish section	Nos	4.3.2	800	5	4000	
iii	Complete petrographic /ore microscopic study/mineragraphic report of rocks sample (along with 5 nos. digital photo micrographs)	Nos	4.3.4	2,800	10	28000	
	RAMAN spectroscopy study per hour	per hour	4.5.1	2,700	5	13500	

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v	Bulk density analysis	Nos	4.8.3	2,500	3	7500	
vi	XRD – Identification of mineral	Per Sample	4.5.2a	4,900	10	49000	
vii	EPMA studies	per hour	4.4.1	10500	10	105000	
viii	Administrative Charges for getting Forest Permission		5.7				
	Sub Total G					**209500**	
H	**Total A to G**					**26060844**	
6	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drill Camp, Camp setting and winding, construction of Approach Road and Drill core preservation)	Drilling cost	2.2.9			**2000000**	For drilling cost more than 1 cr and less than 2 cr. 15%, with a maximum ceiling of 20,00000
I	**Geological Report Preparation**	**as per EC**	**5.2**	**5.2 (iii)**		**750000**	Reimbursement will be made after submission of the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMET.
J	**Peer review Charges**		**As per EC decision**			**30000**	
K	**Preparation of Exploration Proposal**	**as per EC**	**5.1**	2% or 5 lakh whichever is lower		**500000**	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**					**29340844**	
M	**Provision for GST (18% of M)**					**5281352**	GST will be reimbursed as per actual and as per notified prescribed rate
N	**Total Estimated Cost with GST**					**34622196**	

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				or Say Rs. In Lakhs		**346.22**	
Note:							
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.						
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.						
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMEDT SoC and Item no. 6 of NMEDT SoC. In						
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.						
5	Any item of work not mentioned above shall be added as per SoC.						
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.						

Annexure 8B

Time Schedule/ Action Plan for Preliminary exploration (G3) of Graphite in Bhopali West Block, Betul District, Madhya Pradesh

Months

S. No	Nature of Work	1	2	3	4		5	6	7	8		9	10	11	12
1	Camp Set up					Review					Review				
2	Geological mapping (1:4000 scale, DM) (1.8 sq. km)														
3	Topographic survey														
4	Geophysical survey (SP survey) (15 L.km)														
5	Chemical analysis of surface samples														
6	Petrological studies														
7	Mineral Physics studies/Geotechnical/ Laboratory studies														
8	DGPS survey for fixation of borehole and cardinal points														
9	Drilling (1615 m)														
10	Chemical analysis of subsurface samples														
11	Geological report preparation/ Peer Review/Submission														

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Agenda 30.1.12 Preliminary Exploration (G3) for Graphite in Bhopali East Block, Betul District, Madhya Pradesh.

ID:ME/DD/G3/MP/26-27/023.

[Implementing Agency: M/s MMPL Private Limited]

a) The proposed block of 1.44 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 55J/4, in parts of Betul district, Madhya Pradesh.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	Two G-4 stage investigation has already been carried out around the proposed block area, Investigation for graphite in Tikari, Gauthana, Chiklar and surrounding areas, Betul district, M.P. (Stage-G4, FS: 2012-13) and Reconnaissance survey for graphite in Golighat-Junawani-Borgaon and Rathipur-Chikhli-Bhopali areas in Betul belt, Betul District, Madhya Pradesh (Stage-G4, FS: 2017-18). Overlap with FS 2017-18.
2	AMD	AMD has carried out reconnaissance exploration (G-4 stage) in and around the proposed block for uranium. No surface radioactive zone was delineated. There is no ongoing exploration / reconnaissance project.
3	MECL	The block proposed is not overlapping with explored block and ongoing blocks.
4	DGM	Not available
5	NMEDT	There are no completed or ongoing NMEDT-funded projects in the proposed block.

e) The committee deferred the project for discussion in upcoming TCC-II meeting.

Recommendations of TCC-II

The Committee deferred the project for further deliberation and decided that the project shall be taken up for discussion in the upcoming TCC-II meeting.

30.2 Review of Ongoing Procurement Projects & Timeline Extension

Agenda 30.2.1 Financial assistance from NMEDT funds to procure machinery/ laboratory equipment/instruments etc. aimed at enhancing the exploration activities.

[Implementing Agency: DTCI, Manipur]

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

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b) The detailed of the Equipment/instruments are given below: -

DCI, Manipur					
S. No.	**Item**	**Qty.**	**Estimated cost per unit (₹)**	**Total Estimated cost (₹)**	**Procurement Status**
1	Digital Camera	3	60,000	1,80,000	Procured
2	Brunton Compass	3	10,000	30,000	Procured
3	Geologists Hammer	3	10,000	30,000	Procured
4	Handheld GPS	3	50,000	1,50,000	Procured
5	Handheld XRF	1	9,50,000	9,50,000	Not Procured
6	Scintillometer	1	6,00,000	6,00,000	Not Procured
7	Portable Water Analysis Kit	3	15,000	45,000	Procured
8	Pulverizer	1	6,00,000	6,00,000	Not Procured
9	Research Polarising Microscope with software attached camera for Transmitted and Reflected light with accessories	1	12,00,000	12,00,000	Procured
10	WD-XRF	1	40,00,000	40,00,000	Not Procured
11	Fusion bead machine	1	20,00,000	20,00,000	Not Procured
12	Press pellet machine	1	3,90,000	3,90,000	Not Procured
13	Hot Plates/Fume Hood	1	10,000	10,000	Procured
14	GIS software	1	13,00,000	13,00,000	Procured
15	Drilling machine up to 600 m capacity (Skid mounted) with all accessories (core barrels, casing, drill rods, bits, pulley wire rope etc)	1	70,00,000	70,00,000	Not Procured

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16	High Pressure water Pump	1	15,00,000	15,00,000	Not Procured
17	Core Splitter/Core splitter hydrostatic	1	2,00,000	2,00,000	Financial bid to be opened.
18	DGPS (1 set)	1	16,00,000	16,00,000	Procured
19	Total Station	1	3,00,000	3,00,000	Procured
20	Borehole Camera	1	50,000	50,000	Not Procured
			Total	₹2,21,35,000	
Additional Cost was approved 58th TCC				₹24,42,794	
Total				₹2,45,77,794	

c) In the 58th TCC Meeting, DTCI Manipur informed that out of 20 items, the state government has floated the tender for 10 items, for which, **₹88,74,209.00/- is** required to procure the items. The committee approved ₹ 74,18,794/- for 6 items and suggested to revise the tender in consultation with GSI for 4 items as mentioned in the above table:-

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

d) Further, DTCI Manipur informed that the NMEDT had released the 1st instalment of ₹88.54/- lakh on 27th April 2023. Accordingly, the State Government procured equipment/materials under Phase-I, against which an amount of ₹74,16,794/- was utilized during January 2024. Thereafter, under Phase-II, DTCI Manipur

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procured additional items amounting to ₹12,99,000/-, which was utilized during January 2026. Thus, the total expenditure incurred so far is ₹87,15,794/- (₹74,16,794/-+₹12,99,000/-)

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

Phase – I (purchased during January 2024)

Sl. No.	Equipment/ Software	Rate per Unit	Quantity	Total
1	Hand Held GPS	55,000	3	1,65,000
2	Geological Hammer	4,160	3	12,480
3	Research Polarising Microscope with software, Transmitted and Reflected Light with accessories	21,00,414	1	21,00,414
4	GIS Software	24,54,400	1	24,54,400
5	DGPS	19,17,500	1	19,17,500
6	Total Station	6,67,000	1	7,67,000
			Total	**74,16,794**

Phase – II (purchased during January 2026)

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

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

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

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

g) In the above connection, DTCI Manipur informed that there is a balance of Rs.1,38,206/- plus accrued interest of Rs.2,53,918/- (i.e. Rs. 3,92,124/- in balance).

h) However, DTCI Manipur informed that due to unavailability of adequate manpower in the Directorate, no proposal has been made for procurement of the remaining equipment for which approval had been given by the Technical-cum-Cost Committee in its 48th meeting held on 22nd and 23rd December 2022.

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

Recommendations of TCC-II

The Committee recommended the proposal for approval by PSC for "Pre-closure of the procurement project and surrender of the unspent balance amount of ₹1,38,206/- along with submission of bank interest amounting to ₹2,53,918/- to NMEDT"

30.3 Review of Ongoing Projects/ Completed Project & Timeline Extension

Agenda 30.3.1 Reconnaissance survey (G4) for REE in Jasai-Para area, District: Barmer, Rajasthan.

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

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a) The project was recommended in 7th TCC-II meeting held on 24th & 25th March, 2025, and approved in 42nd EC meeting held on 2nd June, 2025. The project was approved with a scheduled timeline of 10 months at a sanctioned cost of ₹59.60/- lakhs (including GST). The Sanction Order was issued on 23rd June, 2025. Scheduled project completion timeline was 22nd April, 2026. The project was reviewed during 26th TCC-II meeting held on 1st and 2nd April, 2026, wherein the Committee approved an extension of 1 month in the timeline up to 31st May, 2026, for completion of the peer review process and subsequent submission of the GR.
b) FAGMIL informed that the peer review of the final Geological Report (GR) has been completed and all modifications/corrections suggested by the peer reviewer have been incorporated in the report. Accordingly, the agency requested approval for submission of the GR and sought a further extension of 15 days, up to 15th June 2026, for submission of the final report.
c) The Committee agreed for submission of the final Geological Report (GR) and approved a further extension of 1 month, up to 30th June, 2026 for submission of the final geological report.

Recommendations of TCC-II

The Committee agreed for submission of the final Geological Report (GR) and recommended the proposal for approval of PSC for "timeline extension of 1 month, up to 30th June, 2026 for submission of the Final Geological Report".

Agenda 30.3.2 Reconnaissance survey (G4) for Copper Bearing Minerals around Musabani, Dumriya, and Maheshpur areas in West Singhbhum District, Jharkhand.

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

a) The project was recommended in 67th TCC meeting held on 24th, 25th and 26th July, 2024, and approved in 37th EC meeting held on 23rd September, 2024. The project was approved with a scheduled timeline of 10 months at a sanctioned cost of ₹288.14/- lakhs (including GST). The Sanction Order was issued on 30th October, 2024. Scheduled project completion timeline was 29th August, 2025.
b) The project was reviewed during the 29th meeting of TCC-II held on 20th and 21st May, 2026, wherein the Committee recommended the proposal for a revised project cost of ₹293.61/- lakhs (including GST) against the approved cost of ₹288.14 Lakh (Including GST) due to additional 50 core samples, along with 5 additional check samples, for completion of the analysis of hanging wall and footwall zones and the Committee also agreed for peer review of the final Geological Report (GR).
c) The chronological details of various activities undertaken and the progress achieved in this project are provided in the minutes of the 29th TCC-II meeting.
d) In the present meeting, the Agency requested modification of the project title due to the change in the district name from **West Singhbhum District** to **East Singhbhum District**. The Agency also requested a timeline extension of **1 month** up **to 31st July, 2026**, for submission of the final geological report.
e) The Committee advised peer review of the final geological report after the approval of PSC for modification in the project title from "**Reconnaissance survey (G4) for Copper Bearing Minerals around Musabani, Dumriya, and Maheshpur areas in West Singhbhum District, Jharkhand."** To "**Reconnaissance survey (G4)**

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for Copper Bearing Minerals around Musabani, Dumriya, and Maheshpur areas in East Singhbhum District, Jharkhand." and also agree for timeline extension of 2 months up to 31st August, 2026.

Recommendations of TCC-II

The Committee recommended the proposal for approval by PSC for

- ***"Change of title of the project from* "Reconnaissance survey (G4) for Copper Bearing Minerals around Musabani, Dumriya, and Maheshpur areas in West Singhbhum District, Jharkhand." To "Reconnaissance survey (G4) for Copper Bearing Minerals around Musabani, Dumriya, and Maheshpur areas in East Singhbhum District, Jharkhand."*.**
- ***And timeline extension of 2 months, up to 31st August, 2026, for peer review and submission of the Final Geological Report".***

Agenda 30.3.3 Preliminary exploration (G3) for Limestone in Sangmania Block, Satna District, Madhya Pradesh.

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

a) The project was recommended in 1st TCC-II meeting held on 26th and 27th September, 2024, and approved in 38th EC meeting held on 29th November, 2024. The project was approved with a scheduled timeline of 10 months at a sanctioned cost of ₹112.65/- lakhs (including GST). The Sanction Order was issued on 13th December, 2024. Scheduled project completion timeline was 12th October, 2025.

b) The project was reviewed during the 29th meeting of TCC-II held on 20th and 21st May, 2026, wherein the Committee recommended timeline extension of 9 month 18 days up to 31st July, 2026, for completion of the remaining work, including Geological Report preparation, peer review, final submission, and project closure.

c) MPSMCL informed that justification for delay in the project work has been submitted to NMEDT. So far, geological mapping of 5.5 sq. km. area at 1:4,000 scale along with 305.89 m of drilling in 8 boreholes (BHs) against the approved 400 m drilling in 10 BHs have been completed by the Agency. The drill core samples indicate average values of 41.03% CaO, 2.77% MgO, and 13.95% SiO_2. An inferred mineral resource of 201.13 million tonnes has been estimated using the cross-section method.

d) The Committee evaluated the revised cost sheet of the project in view of the reduction in the approved quantum of drilling, pitting, and the corresponding sampling and chemical analysis. The Committee also agreed to the allocation of a peer reviewer for the Geological Report (GR).

Recommendations of TCC-II

- ***The Committee recommended the proposal for approval of PSC for "revised cost of ₹ 88.66/- Lakhs (including GST) against the approved cost of ₹ 112.65/- lakhs (including GST)" due to reduction in the approved quantum of drilling, pitting, and the corresponding sampling and chemical analysis. As Annexure-9.***

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- ***The Committee also agreed to the allocation of a peer reviewer for the Geological Report (GR).***

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Annexure-9

Revised cost for Preliminary Exploration (G3) for Sangmania Limestone Block, Satna district, Madhya Pradesh 5.5 sq. km, No. of BH: 10, Borehole depth range 40 m; Schedule timeline 12 months, Review: after 4 months]

Sl. No	Item of Work	Unit	Soc	Rates	Qty		REVISED	TOTAL	Remarks
A	Geological Mapping Other Geological Work & Surveying								
	Geological mapping. (1:4,000 scale) & Trenching, drilling work								
i	a. Charges for Geologist per day (Field) for geological mapping & trenching work, drilling work	day	1.2a	11000	80	8,80,000	70	7,70,000	**Reduction in drilling and trenching quantum**
ii	b. Labours Charges; Base rate	day	5.7	522	160	83,520	140	73,080	
	c. Charges for Geologist per day (HQ)	day	1.2b	9,000	50	4,50,000	50	4,50,000	
	d. Charges for one Sampler per day (1 Party)	one sampler per day	1.5.2	5,100	44	2,24,400	32	1,63,200	
	e. Labours (4 Nos)	day	5.7	504	176	88,704	128	64,512	
	SUB TOTAL A					17,26,624	0	15,20,792	
B	Ground Geophysical Survey						0	-	

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1	*Gravity Method detailed (outsourced)*	*Per station*	*3.la*	*3,800*			*0*	*-*	
2	*Magnetic survey (outsourced)*	*Per station*	*3.2a*	*1800*			*0*	*-*	
3	*Electromagnetic survey (sounding) (outsourced)*	*Line km*	*3.7a*	*21,197*			*0*	*-*	
4	*c. Labours Charges*	*day*	*5.7*	*504*			*0*	*-*	
5	*Geophysicist party days (HQ) (Outsourced)*	*Per day*		*9,000*			*0*	*-*	
	SUB TOTAL B						*0*	*-*	
C	*Survey work*						*0*	*-*	
a	*DGPS Survey for BII fixation & RL determination (outsourced)*	*Per Point of observation*	*1.6.2*	*19,200*	*13*	*249600*	*13*	*2,49,600*	
b	*Charges of Surveyor (1 party) for geological mapping*	*one surveyor per day*	*1.6.1a*	*8300*	*25*	*207500*	*25*	*2,07,500*	
c	*Survey man days for forest clearance works (Outsourced)*	*days*	*1.6.1b*	*8300*		*0*	*0*	*-*	
d	*Labours Charges for survey work;*	*days*	*5.7*	*522*		*0*	*0*	*-*	
	Sub-Total C					*4,57,100*		*4,57,100*	
D	*Trenching/Pitting*						*0*	*-*	
	a) Excavation of Trenches	*per cu. m*	*2.1.1*	*3330*	*20*	*66600*	*4*	*13,320*	

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E	*DRILLING (after review)*						*0*	*-*	
1	*Drilling up to 300m (Medium Hard Rock) (Outsourced)*	*m*		*10100*	*400*	*4040000*	*306*	*30,90,600*	
2	*Borehole deviation Survey by Multi shot Camera*	*m*					*0*	*-*	
3	*Land/Crop Compensation (in case the BIH falls in agricultural Land)*	*per BII*					*0*	*-*	
4	*Construction of concrete Pillar (12"x12"x30")*	*per borehole*					*0*	*-*	
5	*Transportation of Drill Rig & Truck associated per drill (2 rigs)*	*Km*					*0*	*-*	
6	*Monthly Accommodation Charges for drilling Camp (up to 2 Rigs)*	*Month*					*0*	*-*	
7	*Drilling Camp Setting Cost*								
8	*Drilling Camp Winding up Cost*								
9	*Road Making (Flat Terrain Cost*								
10	*Drill Core Preservation*		*5.3*	*1590*	*300*	*477000*	*250*	*3,97,500*	***due to reduction in drilling***
	SUBTOTAL E					*45,17,000*	*0*	*34,88,100*	
F	*Borehole Geophysical Logging (Outsourced)*	*Per M*	*3.12*	*622*					
G	*Laboratory Studies*						*0*	*-*	

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1	*Chemical Analysis*						*0*	*-*	
i	*Geochemical Sampling - Surface Samples (Bedrock/ Channel Soil/ Stream Sediment*								
	a Au by Fire Assay								
	b. For Ag, Ni, Ci, Cr Cu, Pb, Zn, V, Ti, by AAS	*Nos*	*4.1.7a*	*3846*					
	c. For PGE by Fire Assay	*Nos*	*4.1.5d*	*11800*					
	Major Oxides	*Nos*	*4.1.15a*	*4200*					
ii	*Surface Check Samples (10% External)*								
	a Au by Fire Assay								
	b. For Ag, Ni, Ci, Cr Cu, Pb, Zn, V, Ti, by AAS	*Nos*	*4.1.7a*	*3846*					
	c. For PGE by Fire Assay	*Nos*	*4.1.5d*	*11800*					
	Major Oxides	*Nos*	*4.1.15a*	*4200*					
iii	*Trench & Check Sample from Trench*						*0*	*-*	
	a Au by Fire Assay								
	b. For Ag, Ni, Ci, Cr Cu, Pb, Zn, V, Ti, by AAS	*Nos*	*4.1.7a*	*3846*					
	c. For PGE by Fire Assay	*Nos*	*4.1.5d*	*11800*					
	Major Oxide		*4.1.15a*	*4200*	*20*	*84000*	*5*	*21,000*	
iv	*Trench Check Samples (10%)*						*0*	*-*	
	a Au by Fire Assay								

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	b. For Ag, Ni, Ci, Cr Cu, Pb, Zn, V, Ti, by AAS	*Nos*	*4.1.7a*	*3846*					
	c. For PGE by Fire Assay	*Nos*	*4.1.5d*	*11800*					
	Major Oxide	*Nos*	*4.1.15a*	*4200*	*2*	*8400*	*0*	*-*	
v	*BH Core Samples*						*0*	*-*	
	a Au by Fire Assay								
	b. For Ag, Ni, Ci, Cr Cu, Pb, Zn, V, Ti, by AAS	*Nos*	*4.1.7a*	*3846*					
	c. For PGE by Fire Assay	*Nos*	*4.1.5d*	*11800*					
	Major Oxide	*Nos*	*4.1.15a*	*4200*	*300*	*1260000*	*242*	*10,16,400*	
vi	*BH Core Samples (10% External)*	*Nos*	*4.1.15a*	*4200*				*-*	
	a Au by Fire Assay								
	b. For Ag, Ni, Ci, Cr Cu, Pb, Zn, V, Ti, by AAS	*Nos*	*4.1.7a*	*3846*					
	c. For PGE by Fire Assay	*Nos*	*4.1.5d*	*11800*					
	Major Oxide	*Nos*	*4.1.15a*	*4200*	*30*	*126000*			
2	*Physical & Petrological Studies*						*0*	*-*	
i	*Preparation of thin Section*	*Nos*	*4.3.1*	*2353*	*5*	*11765*	*5*	*11,765*	
ii	*Study of thin Section*	*Nos*	*4.3.4*	*4232*	*5*	*21160*	*5*	*21,160*	
v	*Digital Photographs*	*Nos*	*4.3.7*	*280*	*5*	*1400*	*5*	*1,400*	
vii	*Sp. Gravity*	*Nos*	*4.8.1*	*1605*	*5*	*8025*	*5*	*8,025*	

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	SEM Studies	*Per Hour*							
	EPMA Studies	*Per Hour*							
	SUBTOTAL G					***15,20,750***		***10,79,750***	
H	*3D Ore Body Modelling*		**As per Actuals*						
I	*TOTAL A to H*					***82,88,074***	***0***	***65,59,062***	
J	*Geological Report Preparation*		*5.2*			***4,14,404***	***0***	***3,27,953***	
K	*Peer Review*					***30,000***	***0***	***30,000***	
L	*Preparation of Exploration Proposal 5 Hard Copies with a soft Copy)*		*5.1*			***1,65,761***	***0***	***1,31,181***	
M	***Operational Charges***	***In Lakhs***	***6(i)***			***4,82,495***	***0***	***3,34,020***	***DGPS +Drilling outsource***
M	***Tendering Cost***					***1,65,761***	***0***	***1,31,181***	
N	***Total Estimated Cost Without GST***					***95,46,495***	***0***	***75,13,398***	
O	***Provision of GST 18%***					***17,18,369***	***0***	***13,52,412***	
P	***Total Estimated Cost with GST***					***1,12,64,864***	***0***	***88,65,809***	
		In Lakhs				***112.65***		***88.66***	
Note:									

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1	*Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.*
2	*In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.*
3	*If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMEDT SoC and Item no. 6 of NMEDT SoC In*
4	*Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.*
5	*Any item of work not mentioned above shall be added as per SoC.*
6	*All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.*

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Agenda 30.3.4 Preliminary Exploration (G3) for Basemetal in Pastalaimal Basemetal Block, Betul District, Madhya Pradesh.

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

a) The project was recommended in 62nd TCC meeting held on 28th, 29th February, 1st March, 2024, and approved in 34th EC meeting held on 13th March, 2024. The project was approved with a scheduled timeline of 12 months at a sanctioned cost of ₹140.94/- lakhs (including GST). The Sanction Order was issued on 12th March, 2024. Scheduled project completion timeline was 11th March, 2025.

The project was reviewed during 7th TCC-II meeting held on 24th and 25th March, 2025, wherein the Committee recommended timeline extension of **8 months up** to **11th November, 2025,** for submission of GR which was subsequently approved in 42nd EC held on 2nd June, 2025.

b) MPSMCL informed that justification for delay in the project work has been submitted to NMEDT. So far, geological mapping of 1.73 sq. km. area at 1:2,000 scale along with collection & analysis of 100 BRS, excavation of 50 cu. m in 4 trenches & geophysical survey in 10 l.km. have been completed. BRS samples recorded maximum Cu + Pb + Zn values of 2300 ppm, while trench samples showed values ranging from 2000 to 4351 ppm. The Agency further proposed drilling of 4 boreholes at a 200 m grid interval to understand the nature and continuity of ore mineralisation. Timeline extension **12 months** up to **30th November, 2026,** was also requested by the Agency for completion of the project, Peer Review of geological report & submission of the final geological report (GR)

c) Considering the above, the Committee agreed for commencement of drilling in 2 boreholes (BH5 and BH1) with 50m vertical depth and timeline extension of **12 months up to 30th November, 2026** was recommended for approval by PSC.

Recommendations of TCC-II

- ***The Committee recommended the proposal for approval by PSC for "Timeline extension of 12 months, up to 30th November, 2026, for completion of the project, peer review and submission of the Final Geological Report".***
- ***The Committee agreed for commencement of drilling in 2 boreholes (BH-5 and BH-1) with 50m vertical depth.***

Agenda 30.3.5 Reconnaissance Survey (G4) for Limestone in Dhanokhar Nagod Block, Panna & Satna Districts, Madhya Pradesh.

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

a) The project was recommended in 61st TCC meeting held on 30th, 31st January, & 7th February, 2024, and approved in 33rd EC meeting held on 19th February, 2024. The project was approved with a scheduled timeline of 9 months at a sanctioned cost of ₹78.74/- lakhs (including GST). The Sanction Order was

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issued on 28th February, 2024. Scheduled project completion timeline was 27th November, 2024.

b) The project was reviewed during 7th meeting of TCC-II held on 24th and 25th March, 2025, where in the committee recommended a timeline extension of 8 months up to 27th July, 2025 for submission of GR. Subsequently, these recommendations were approved in 42nd EC meeting held on 2nd June, 2025.

c) During the review of the project in 20th meeting of TCC-II held on 2nd & 5th January, 2026, The Committee recommended a timeline extension of ten (10) months up to 26th May, 2026 for remaining work execution and submission of Geological report (GR). Subsequently the recommendation was approved in 4th PSC meeting held on 13th January, 2026. Further, in 21st TCC-II meeting held on 19th and 22nd January, 2026, the Committee recommended revised cost from ₹78.74 lakhs (including GST) to ₹81.44 lakhs (including GST) for additional quantum of DGPS survey for borehole point fixation which was subsequently approved in 5th PSC meeting held on 9th February, 2026.

d) MPSMCL informed that justification for delay in the project work has been submitted to NMEDT. Geological mapping of an area covering 101 sq. km at 1:12,500 scale and 40 cu. m of pitting have been completed so far. Out of the 10 approved boreholes, drilling activities are currently in progress in 4 boreholes.

e) The Committee advised the Agency to present the results of 4 boreholes along with lithographs/ graphic lithologs in the next TCC meeting.

Recommendations of TCC-II

The Committee advised the Agency to present the results of 4 boreholes along with lithographs/ graphic lithologs in the next TCC meeting.

Agenda 30.3.6 Preliminary Exploration (G3) for Graphite in the Patra graphite block, Jhabua district, Madhya Pradesh.

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

a) The project was recommended in 62nd TCC meeting held on 28th, 29th February, 1st March, 2024, and approved in 34th EC meeting held on 13th March, 2024. The project was approved with a scheduled timeline of 12 months at a sanctioned cost of ₹198.11/- lakhs (including GST). The Sanction Order was issued on 12th March, 2024. Scheduled project completion timeline was 11th March, 2025.

b) In the 7th TCC-II meeting, the Agency requested a further extension of 12 months, up to 11 March 2026, for submission of the Geological Report (GR), as the Forest Clearance had not yet been obtained. The Committee recommended the proposal for consideration by the Executive Committee (EC), and the extension was subsequently approved in the 42nd EC meeting held on 2nd June 2025.

c) MPSMCL informed that the justification for the delay in execution of the project work has already been submitted to NMEDT.

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d) MPSMCL further informed that field activities could not be initiated due to certain unavoidable statutory and field-level constraints, primarily arising from delays in obtaining the Forest NOC, followed by persistent local resistance encountered during the initial field mobilization activities.
e) The Committee advised the Agency to submit a formal requisition to NMEDT for dropping/surrendering the project, along with detailed justification and supporting documents. Upon receipt of the request, the Committee shall examine the proposal, and an appropriate decision regarding the dropping/surrender of the project shall be taken in the upcoming TCC meeting.

Recommendations of TCC-II

The Committee advised the Agency to submit a formal requisition to NMEDT for dropping/surrendering the project, clearly indicating the reasons and circumstances necessitating such action. The request will be examined by the Committee, and an appropriate decision regarding the dropping/surrender of the project shall be taken in the upcoming TCC meeting.

Agenda 30.3.7 Preliminary Exploration (G3) for PGE and Associated mineral in Mordongri-Jamtara block in Chhindwara district, Madhya Pradesh.

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

a) The project was recommended in 67th TCC meeting held on 24th, 25th and 26th July, 2024, and approved in 37th EC meeting held on 23rd September, 2024. The project was approved with a scheduled timeline of 12 months at a sanctioned cost of ₹217.38/- lakhs (including GST). The Sanction Order was issued on 23rd September 2024. Scheduled project completion timeline was 22nd September 2025.
b) MPSMCL informed that the justification for the delay in execution of the project work has already been submitted to NMEDT. The Agency further informed that field activities could not be initiated due to severe local resistance and, therefore, requested dropping/surrendering of the project.
c) The Committee advised the Agency to submit a formal requisition to NMEDT for dropping/surrendering the project, along with detailed justification and supporting documents. Upon receipt of the request, the Committee shall examine the proposal, and an appropriate decision regarding the dropping/surrender of the project shall be taken in the upcoming TCC meeting.

Recommendations of TCC-II

The Committee advised the Agency to submit a formal requisition to NMEDT for dropping/surrendering the project, clearly indicating the reasons and circumstances necessitating such action. The request will be examined by the

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Committee, and an appropriate decision regarding the dropping/surrender of the project shall be taken in the upcoming TCC meeting.

Agenda 30.3.8 Reconnaissance Survey (G4) for Gold, copper,graphite and Associated Minerals in Jamtola-Khandapar block, Balaghat District, Madhya Pradesh.

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

a) The project was recommended in the 57th TCC meeting held on 26th and 27th September, 2023 and approved in the 32nd EC meeting held on 6th December, 2023. The project was approved with a scheduled timeline of 12 months at a sanctioned cost of ₹216.30/- lakhs (including GST). The Sanction Order was issued on 12th December, 2023. Scheduled project completion timeline was 11th December, 2024.

b) Timeline extension of 6.5 months up to 30th June, 2025 was recommended in 3rd TCC-II meeting held on 5th & 6th December, 2024 and approved in the 39th EC Meeting held on 24th January, 2025. The project was reviewed in 5th TCC-II meeting held on 27th, 28th & 29th January, 2025, and additional drilling was recommended with revised cost of ₹231.91 Lakh, and same was approved in the 40th EC Meeting held on 21st February, 2025.

c) Furthermore, in the 12th TCC-II meeting held on 22nd, 25th, 26th & 27th August, 2025, the committee recommended timeline extension of 7 months up to 11th February 2026 which was subsequently approved in 1st PSC meeting held on 9th October, 2025. Again, in 22nd TCC-II meeting held on 4th and 5th February, 2026 the committee recommended timeline extension for 4 months up to 11th June 2026 and also a revised project cost from ₹231.91 lakhs (including GST) to ₹239.53 lakhs (including GST) due to additional drilling. These recommendations were approved in 6th PSC meeting held on 2nd March, 2026.

d) In the present meeting, the Agency requested revision of the project cost due to the reduction in the approved quantum of borehole deviation survey and chemical analysis, along with the corresponding modifications in the cost sheet. The Agency further requested approval for an additional 13 BRS samples, which are proposed to be utilized in place of the trench/pit samples that could not be collected & analysed due to forest-related issues. The proposed substitution will not involve any additional financial implications. Additionally, the Agency sought a time extension of 1 month for submission of the Final Geological Report.

Recommendations of TCC-II

- ***The Committee recommended the proposal for approval of PSC for "revised cost of ₹ 219.32 lakhs (including GST) against the approved cost of ₹ 239.53/- lakhs (including GST)" due to the reduction in the approved quantum of borehole deviation survey and chemical analysis, along with the corresponding modifications. As Annexure-10.***

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- ***The Committee also recommended a time extension of 1 month, up to 11th July, 2026, for completion of the project activities & submission of the Final Geological Report.***

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Annexure-10

Revised cost for Reconnaissance survey (G4) for Gold, Copper Graphite and associated minerals in Jamtola-Khandapar Block, District: Balaghat State: Madhya Pradesh.
[Block area- 96.62 sq. km; Schedule timeline- 12 months]

S. No.	Item of Work	Unit	Rates as per NMET SoC 2020-21		Approved Cost of the Proposal		Revised Cost of the Proposal		Remarks
			SoC-Item -Sl No.	Rates as per SoC	Qty.	Amount (Rs)	Qty.	Amount	
A	**GEOLOGICAL WORK (1:12,500 scale)**								
i	Charges for one Geologist- Field	day	1.2	11,000	120	13,20,000	120	13,20,000	
ii	Charges for one Geologist per- HQ	day	1.2	9,000	60	5,40,000	60	5,40,000	
iii	2 labours/ party (Rs 443/day/labour) (As per rates of Central Labour Commissioner)	day	5.7	494	240	1,18,560	240	1,18,560	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
iv	Sampling Party Days -1 Sampler Labour charge not included	day	1.5.2	5,100	66	3,36,600	66	3,36,600	
v	4 labours/ party (Rs 443/day/labour) (As per rates of Central Labour Commissioner)	day	5.7	494	264	1,30,416	264	1,30,416	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
vi	Survey Party Days	day	1.6. 1a	8,300	10	83,000	10	83,000	
vii	4 labours for surveyor	day	5.7	494	40	19,760	40	19,760	

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					Sub Total- A	**25,48,336**		**25,48,336**	
B	**GEOPHYSICAL SURVEY**								
i	I.P. cum Resistivity, S.P., Magnetic	Line Km	3.4b	14,48,693.0	3	36,21,733	3	36,21,733	25 Line Km is advised by TCC
ii	Charges for one Geophysicist per day at field	day	3.18	11,000	0	-	-		
iii	Charges for one Geophysicist per day at HQ	day	3.18	9,000	15	1,35,000	15	1,35,000	
					Sub Total- B	**37,56,733**		**37,56,733**	
C	**PITTING AND TRENCHING**								
i	Trenching	Cu m	2.1.1	3330	200	6,66,000	-	-	
					Sub Total- C	**6,66,000**	**-**	**-**	
D	**DRILLING**								
i	Drilling up to 300m (Hard Rock) (1 rig)	m	2.2.1.4a	11,500	610	70,15,000	610	70,15,000	
ii	Borehole deviation Survey	m	2.2.6	330	610	2,01,300	339	1,11,870	
iii	Land / Crop Compensation	per BH	5.6	20,000	8	1,60,000	-	-	Amount will be reimbursed as per actuals or max. Rs. 20000 per BH with certification from local authorities
iv	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	8	16,000	8	16,000	
v	Transportation of Drill Rig & Truck associated per drill	Km	2.2.8	36	500	18,000	500	18,000	
vi	Monthly Accommodation Charges for drilling Camp	month	2.2.9	50,000	2	1,00,000	2	1,00,000	
vii	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	1	2,50,000	1	2,50,000	

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viii	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	1	2,50,000	1	2,50,000	
ix	Approach Road Making (Flat Terrain)	Km	2.2.10a	22,020	4	88,080	4	88,080	Road Making will be considered as per the requirement and Road Making Charges will be reimbursed for max. 4 km.
x	Bore Hole Fixation and determination of co-ordinates & Reduced Level of the boreholes and by DGPS	Nos	1.6.2	19,200	5	96,000	8	1,53,600	
xi	Borehole core preservation-One complete borehole plus mineralised cores of all the remaining Bhs	m	5.3	1,590	250	3,97,500	250	3,97,500	
					Sub Total- D	**85,91,880**		**84,00,050**	
E	**LABORATORY STUDIES**								
1	**Chemical Analysis**								
i	**Bedrock/Channel/Stream/Trench/BH etc Samples) for Au and Ag**								
	a) Primary samples for Au by fire Assay and Ag by AAS	Nos	4.1.5a & 4.1.7a	4,886	470	22,96,420	369	18,02,934	
	b) Internal Check samples (5% of Primary samples)	Nos	4.1.5a	4,760	-	-	-	-	
	c) External Check sample (10% of Primary samples)	Nos	4.1.5a	4,760	47	2,23,720	45	2,14,200	Samples submitted to External Laboratory. Results awaited
ii	**Bedrock/Channel/Stream/Trench/BH etc Samples) for 34 elements by ICP-MS**								
	d) 34 element Package analysis by ICP-MS	Nos	4.1.14	7,731	50	3,86,550	50	3,86,550	

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	Bedrock/Channel/Stream/Trench/BH etc Samples) for Graphite (Proximate Analysis)								
iii	g) Primary samples for Graphite (Proximate Analysis)	Nos	4.1.16	3000	150	4,50,000	40	1,20,000	
	h) Internal Check samples (5% of Primary samples)	Nos	4.1.16	3000	0	-	-	-	
	i) External Check sample (10% of Primary samples)	Nos	4.1.16	3000	15	45,000	8	24,000	Analysis received from External Laboratory.
iv	Preparation of thin section	Nos	4.3.1	2,353	10	23,530	10	23,530	
v	Complete petrographic study report	Nos	4.3.4	4,232	10	42,320	10	42,320	
vi	Preparation of polished section	Nos	4.3.2	1,549	10	15,490	10	15,490	
vii	Complete mineragraphic study report	Nos	4.3.4	4,232	10	42,320	10	42,320	
viii	Digital Photographs	Nos	4.3.7	280	10	2,800	8	2,240	
Ix	Whole Rock Analysis (Major oxide and 8 additional trace elements)	Nos	4.1.15a & b	7,568	10	75,680	10	75,680	Must include V_2O_3 due the presence of Graphite
x	Specific Gravity Determination	Nos	4.8.1	1,605	5	8,025	5	8,025	
					Sub Total- E	**36,11,855**		**27,57,289**	
F					**Total A to E**	**1,91,74,804**		**1,74,62,408**	

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G	**Geological Report Preparation**		**5.2**	For the projects having cost exceeding Rs. 150 lakhs and less than Rs. 300 lakhs - A minimum of Rs. 7.5 lakhs or 3% of the value of work whichever is more	**7,50,000**		**7,50,000**	Reimbursement will be made after submission of the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMET.
H	**Peer review Charges**		**As per EC decision**		**30,000**		**30,000**	
I	**Preparation of Exploration Proposal (5 Hard copies with a soft copy)**	**5 Hard copies with a soft copy**	**5.1**	2% of the Cost or Rs. 5.0 Lakhs whichever is lower	**3,44,124**		**3,44,124**	Bills raised and submitted to NMEDT
K	**Total Estimated Cost without GST**				**2,02,98,928**		**1,85,86,531.50**	
J	**Provision for GST (18% of I)**				**36,53,806.95**		**33,45,575.67**	GST will be reimbursed as per actual and as per notified prescribed rate
K	**Total Estimated Cost with GST**				**2,39,52,734.45**		**2,19,32,107.17**	
				or Say Rs. In Lakhs	**239.53**		**219.32**	
				Total Revised Cost	**239.53**		**219.32**	

Note:	
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMEDT SoC and Item no. 6 of NMEDT SoC. In
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.
5	Any item of work not mentioned above shall be added as per SoC.
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.

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Agenda 30.3.9 Reconnaissance Survey (G-4) for REE and Associated Minerals in Saiyedpar block, District: Kachchh, Gujarat.

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

a) The project was recommended in the 6th TCC meeting held on 27th & 28th February & 6th March 2025, and approved in the 41st EC meeting held on 11th March, 2025. The project was approved with a scheduled timeline of 10 months at a sanctioned cost of ₹ 183.76/- lakhs (including GST). The Sanction Order was issued on 19th March, 2025. Scheduled project completion timeline was 18th January, 2026.

b) The project was reviewed in 20th meeting of TCC-II held on 2nd & 5th January, 2026, wherein the Committee agreed for commencement of drilling activities in 5 nos. of scout boreholes (BHs) including 2 BHs with 100 m depth and 3 BHs with 50 m depth, and also recommended a timeline extension of 3 months up to 17th April, 2026 for GR submission, which was approved in 4th PSC meeting held on 13th January, 2026.

c) In the present meeting, the Agency informed that, based on the observations from the drilled boreholes, the Kaolinite horizon intersected in BH-05 represents the most promising zone, with a thickness of 10 m and ΣREE + Y values reaching up to 2269.45 ppm. Further, several zones with ΣREE + Y values exceeding 1000 ppm were intersected in BH-05 and BH-03 within ferruginous and limonitic sandstone units. The Agency also requested a timeline extension up to 31st August, 2026, for completion of the project work and submission of the Final Geological Report.

d) The Agency requested revision of the project cost due to the reduction in the approved drilling quantum and the corresponding changes in the analytical and other project components.

e) The Committee recommended a revised cost of ₹ 137.02/- lakhs (including GST) against the approved cost of ₹ 183.76/- lakhs (including GST) and timeline extension of 4.5 months up to 31st August, 2026, for completion of the project work and submission of the Final Geological Report. The Committee advised the Agency to identify the potential zones for undertaking G3 stage exploration.

f) The Committee recommended that, upon submission and approval of the G4 Final Geological Report of the present project, the exploration block may be considered for seamless upgradation to the G3 stage of exploration.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for

- ***"Revised cost of ₹ 137.02/- lakhs (including GST) against the approved cost of ₹ 183.76/- lakhs (including GST)" due to the reduction in the approved drilling quantum and the corresponding changes in the analytical and other project components. As Annexure-11.***
- ***"Timeline extension of 4.5 months up to 31st August, 2026, for completion of the project work and submission of the Final Geological Report".***

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Annexure-11

Revised cost for Reconnaissance Survey (G-4) for REE and associated mineralization in Saiyedpar Ares, District- Kachchh, Gujarat
Total block area- 135.45 sq. km; Auger Drilling: 30 Nos with 7m Depth each,
Implementing Agency-MECL

Sl. No.	Item of Work	Unit	Rates as per NMET SoC 2020-21		Approved Estimated Cost of the Proposal		Revised Estimated Cost of the Project		Remarks
			SoC-Item- S. No.	Rates as per SoC	Qty.	Total Amount (Rs)	Qty.	Total Amount (Rs)	
A	**GEOLOGICAL WORK**								
1	**Geological Mapping (1:12500)**								
	Geologist man days (1 No.) for Geological map & Report (HQ)	days	1.1b	9,000	60	5,40,000	60	5,40,000	
	a) Geologist man days (2 No) for large scale (LSM) Geological mapping/ Trenching/ Drilling	days	1.2	11,000	180	19,80,000	160	17,60,000	
	b) Labour (field)	per worker	5.7	526	360	1,89,360	320	1,68,320	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
	c) Sampler for Surface Samples/ Trench Samples / Core Samples Labour charge not included (1 sampler)	day	1.5.2	5100	42	2,13,563	56	2,85,600	Error in original sampling man days calculation, hence revised
	d) 4 labours/ party (As per rates of Central Labour Commissioner)	day	5.7	526	168	88,105	224	1,17,824	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or

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									respective State Govt. whichever is higher
2	**Survey**								
i	Bore Hole Fixation and determination of co-ordinates & Reduced Level of the boreholes by DGPS	Per Point of observation	1.6.2	19,200	10	1,92,000	5	96,000	
					Sub-Total A	**32,03,028**		**29,67,744**	
B	**PITTING & TRENCHING**								
	a) Excavation of pits for REE (5 pits)	per cu m	2.1.2	3800	20	76000	20	76,000	5 pits (1m*2m*2m)
					Sub-Total B	**76000**		**76000**	
C	**DRILLING**								
i	Auger Drilling for soft strata up to 150 m depth	per m	2.2.2	4,760	210	9,99,600	135	6,42,600	
ii	Core Drilling up to 300m (Soft Rock) (1 rigs)	m	2.2.1.1b	7,168	500	35,84,000	350	25,08,800	* Soft rock drilling rate as per MOC 23-24 *Core drilling will be carried out in second phase of exploration subject to the geochemical analysis results
iii	Land / Crop Compensation	per BH	5.6	20,000	10	2,00,000	5	1,00,000	
iv	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	10	20,000	5	10,000	
v	Transportation of Drill Rig & Truck associated per drill (1 rig)	Km	2.2.8	36	2,320	83,520	2,320	83,520	
vi	Monthly Accommodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	2	1,00,000	2	1,00,000	
vii	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	1	2,50,000	1	2,50,000	
viii	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	1	2,50,000	1	2,50,000	

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ix	Approach Road Making	Km	2.2.10a	22,020	2	44,040	2	44,040	Road Making will be considered as per the requirement and Road Making Charges will be reimbursed for max. 4 km.
x	Drill core preservation: One complete borehole plus mineralised cores of all the remaining Bhs	m	5.3	1,590	165	2,62,350	150	2,38,500	This amount will be reimbursed after successful delivery of the cores to concerned libraries/authorities
					Sub Total- C	**57,93,510**		**42,27,460**	
D	**LABORATORY STUDIES**								
1	**Chemical Analysis**								
	i) Heavy Mineral Separation	per sample	4.3.6a, 4.3.6b	16,200	70	11,34,000	20	3,24,000	20 Stream Sediment Samples
	ii)Primary sampling for REE (Bed Rock Samples/Stream Sediment/ Pit Samples/ Auger Drilling Samples) For 34 elemental analysis includes Nb, Sr, Ta, W, Mo, Sn, Rb, Be, Cs, LI & REE analysis by ICP-AES / ICPMS (sequential technique)	per sample	4.1.14	7,731	460	35,56,260	340	26,28,540	(75 BRS+25 Stream Sediment+20 Heavy minerals in paramagnetic and non-magnetic fraction (40 samples) + 17 Pit + 56 Auger+121 core sample)
	ii)External Check samples for REE (Bed Rock Samples/Stream Sediment/ Pit Samples/ Auger Drilling Samples) For 34 elemental analysis includes Nb, Sr, Ta, W, Mo, Sn, Rb, Be, Cs, LI & REE analysis by ICP-AES / ICPMS (sequential technique)	per sample	4.1.14	7,731	46	3,55,626	34	2,62,854	10% of primary samples
	iii) Primary sampling for Limestone (Bed Rock Samples) for Major Oxides by XRF Method: CaO, MgO, K2O, SiO2, Na2O, P2O5, Al2O3, Fe2O3, SO3 & LOI	per sample	4.1.15a	4200	25	1,05,000	25	1,05,000	15 Samples analysed for Limestone & 10 samples analysed for oxides associated with REE

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									mineralisation with phosphate and iron
	iii) External check samples for Limestone (Bed Rock Samples) for Major Oxides by XRF Method: CaO, MgO, K2O, SiO2, Na2O, P2O5, Al2O3, Fe2O3, SO3 & LOI	per sample	4.1.15a	4200	3	10,500	3	12,600	10% of primary samples
2.0	**Petrological / Mineragraphic studies**								
	a) Preparation of thin section	per sample	4.3.1	2,353	10	23,530	10	23,530	
	b) Study of thin section for petrography	per sample	4.3.4	4,232	10	42,320	10	42,320	
	c) Preparation of polished section	per sample	4.3.2	1,549	10	15,490	5	7,745	Polished Section for EPMA
	d) Study of polished section for mineragraphy	per sample	4.3.4	4,232	10	42,320	5	21,160	
	e) Digital photomicrograph of thin polished section	per sample	4.3.7	280	10	2,800	10	2,800	
3	XRD Mineral Phase Analysis	per sample	4.5.1	4,000	20	80,000	20	80,000	
4	EPMA Studies	per hour	4.4.1	8,540	10	85,400	5	42,700	
					Sub-Total D	**54,53,246**		**35,53,249**	
					Total (A TO D)	**1,45,25,784**		**1,08,24,453**	
E	**Geological Report Preparation**	**Nos**	**5.2**			**7,26,289**		**5,41,223**	For the projects having cost exceeding Rs. 50 Lakhs but less than 150 Lakhs: A minimum of Rs. 2.5 lakhs or 5% of the work whichever is more and Rs. 3000/- per each additional copy.
F	**Preparation of Exploration Proposal**	**Nos**	**5.1**	2% or Rs. 500000 whichever is less		**2,90,516**		**2,16,489**	

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G	**Report Peer Review Charges**	**lumpsum**	**As per EC decision**	**30000**	**1**	**30,000**		**30,000**	
H	**Total Estimated Cost without GST**					**1,55,72,588**		**1,16,12,165**	
I	**Provision for GST (18%)**					**28,03,066**		**20,90,190**	GST will be reimbursed as per actual and as per notified prescribed rate
J	**Total Estimated Cost with GST**					**1,83,75,654**		**1,37,02,354**	
				Say, in Lakhs		**183.76**		**137.02**	

Note:	
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMEDT SoC and Item no. 6 of NMEDT SoC. In
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.
5	Any item of work not mentioned above shall be added as per SoC.
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.

Agenda 30.3.10 Reconnaissance survey (G4) for REE and associated mineralization in Gol-Bagindi-tilwara Area, Siwana Ring Complex, Balotra District, Rajasthan.

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

a) The project was recommended in the 12th TCC-II meeting held on 22nd, 25th, 26th & 27th August, 2025, and approved in the 1st PSC meeting held on 9th October, 2025. The project was approved with a scheduled timeline of 10 months at a sanctioned cost of ₹ 283.09/- lakhs (including GST). The Sanction Order was issued on 10th November, 2025. Scheduled project completion timeline is 9th September, 2026.

b) The Agency informed that the first phase of work, comprising geological mapping of an area of 82.50 sq. km on a 1:12,500 scale and geophysical survey, has been completed. During this phase, 30 bed rock samples (BRS) and 20 channel samples were collected, and petrographic studies are currently under progress. Out of the collected samples, 18 BRS samples and 10 channel samples have recorded ΣREE + Y values exceeding 1000 ppm. The samples indicate enrichment of LREEs compared to HREEs. Further, the proposed drilling plan comprising 6 boreholes was also presented by the Agency.

c) The Committee observed that the project title includes the term "Siwana Ring Complex (SRC)"; however, the project area is located at a considerable distance from the SRC. Therefore, the Committee advised that the project title may be modified by excluding "Siwana Ring Complex" from the title. Accordingly, the Agency shall submit a request to NMEDT for modification of the project title.

d) The Committee noted that, as per the sanctioned quantum, drilling of 5 boreholes (BHs) with a total meterage of 500 m is planned under the project. The Committee advised that the project work may be continued as per the approved quantum.

Recommendations of TCC-II

The Committee advised that the project may be continued as per the approved quantum of work.

30.4 Technical Evaluation for In–Principle Approval

Agenda 30.4.1 Reconnaissance Survey (G4) (Area: 17.5 sq. km.) for Aluminiferous Laterite/ Bauxite and Vanadium at Manhepat Block, Lohardaga District, Jharkhand

ID- ME/IN/G4/JH/P/26-27/051.

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

a) The proposed reconnaissance survey (G4) of 17.5 sq. km area falls in Survey of India Toposheet nos. 73A/11, 73A/7 in parts of Lohardaga District, Jharkhand.

b) The table containing the comments is given below:

S.N.		Agency	Comment

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1		GSI	The GSI, SU: Jharkhand, has already implemented the Critical Mineral Assessment Programme (CMAP) in Toposheet No. 73A/7 and 73A/11 covering the Chulhamati-Jamgain block during FS 2024-25 in the north of NMET proposed block. Similarly, the CMAP block is proposed under the forthcoming FSP 2027-28, as it represents the northern extension of the same lateritic and bauxitic profile. Assessment of these blocks from the perspective of Critical Minerals is considered more viable compared to conventional alumina assessment. After successful implementation of the CMAP projects and establishment of mineralized zones, GSI, SU: Jharkhand plans to seamlessly upgrade these blocks to the G3 stage of exploration for systematic resource evaluation of Critical Minerals. Complete overlap with GSI CMAP block already proposed for FS 2027-28 and submitted for IPR scrutiny.
2		MECL	The block is not overlapping with MECL explored block and ongoing blocks.
3		State DGM	Not available
4		AMD	There is no ongoing exploration / reconnaissance project.
5		NMEDT	Proposed area overlaps with CMPDI_G3_FS_2024-2025 work Preliminary Stage of Exploration (G3) for Bauxite in Dhuluapat Block, District – Lohardaga State – Jharkhand, India

c) During the meeting, comments from DGM, Jharkhand were not received. However, representative from the DGM, Jharkhand informed that G4 and G3 stages of investigation have already been carried out in the proposed area, and currently G2 stage exploration is being undertaken by the State DGM.
d) The committee considering the view of DGM Jharkhand deferred the project till the receipt of written comments from DGM for upcoming TCC-II meeting.

Recommendations of TCC-II

The Committee deferred the proposal to the upcoming TCC meeting/ till receipt of DGM, Jharkhand comments.

Agenda 30.4.2 Reconnaissance Survey (G4) (Area: 70.8 sq. km) For Aluminiferous Laterite/Bauxite at Guhagar Tahsil/Taluka, Ratnagiri District, Maharashtra.

ID- ME/IN/G4/MH/P/26-27/049.

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

a) The proposed reconnaissance survey (G4) of 70.8 sq. km area falls in Survey of India Toposheet nos. 47G/2, 47G/3 and 47G/6 in parts of Ratnagiri District, Maharashtra.
b) The table containing the comments is given below:

12/06/2026

S.N.		Agency	Comment
1		GSI	Falls in GSI work of Regional assessment of Vanadium and associated critical / trace element in lateritic profiles developed over the Deccan Trap basalts in parts of Ratnagiri and Raigad districts, Maharashtra FS 2024-2026 whose Analytical results are awaited.
2		MECL	The block is not overlapping with MECL explored block and ongoing blocks.
3		State DGM	Written comments not available.
4		AMD	There is no ongoing exploration / reconnaissance project.
5		NMEDT	Area is surrounded by CRZ and NDZ zone in north and western part of the block. There are no completed or ongoing NMEDT-funded projects in the proposed block.

a) The representative from state DGM informed that they will soon provide their written comments regarding NDZ, CRZ status and status of mineral exploration activity in the area.
b) The agency referenced the GSI FS_1970-197 report which reported that the Bauxite occurs on the plateau near Male-Malewadi Chikalgaon, Anjarle and Uthanbar in Dapoli Taluk, Ratnagiri District, these occurrences are within laterites. The individual occurrence hold possible reserves from 0.16 to 0.40 tonnes. The reserves are expected to be more as the bauxite shows extension below the laterite in the middle part of the plateaux. The bauxite in the Male-Malewadi Chikalgaon deposits show $Al2O_3$ up to 45% but the SiO_2% is more than 5%. Some parts of the occurrences are grade III in quality. The deposits near Anjarle and Uthambar have SiO_2 less than 5% and Al2O3 more than 48%.
c) The committee observed that the background information provided by agency was inadequate to consider for G4 exploration.
d) The committee advised the agency to modify the area, undertake a field visit, collect 4-5 samples distributed over the area, and carry out their chemical analysis to generate further mineral evidence and add surrounding GSI earlier work data. The proposal may be resubmitted for consideration along with the positive analytical results of the collected samples.

Recommendations of TCC-II

The Committee deferred the proposal to upcoming TCC-II meeting and advised the agency to modify the area and undertake a field visit, collect 4–5 samples from the area, and carry out their chemical analysis to generate further mineral evidence. The proposal may be resubmitted for consideration along with the positive analytical results of the collected samples.

Agenda 30.4.3 Reconnaissance Survey (G4) (Area: 12.05 sq. km) For Aluminiferous Laterite/ Bauxite at Betul, Quepem Tahsil/ Taluka, South Goa District, Goa.

ID- ME/IN/G4/GA/P/26-27/050.

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

12/06/2026

a) The proposed reconnaissance survey (G4) of 12.05 Sq. Km sq. km area falls in Survey of India Toposheet nos. 48E/16 in parts South Goa District, Goa.

b) The table containing the comments is given below:

S.N.		Agency	Comment
1		GSI	Overlaps with project titled Assessment of Iron and Manganese ores, in central and south Goa sectors: Large scale Mapping in central Goa and parts of South Goa FS 1982-85. Overlaps with the Second report on the assessment of Coastal Bauxite in Betul Plateau, Quepem taluk, Goa, FS 1975-76. In the proposed area, no exploration/reconnaissance projects are ongoing.
2		MECL	The block is not overlapping with MECL explored block and ongoing blocks.
3		DGM	After superimposing the proposed block on Survey plan of Betul, it is found that 04 nos. of Bauxite Mines overlap with the proposed area for exploration. Hence, may not be given for exploration. Details are attached herewith. Mining lease no. 1/NSD/BAUX/68, 4/NSD/BAUX/68, 5/NSD/BAUX/68, 1/NSD/BAUX/85. The comments per project includes 1) Matter sub-judice before revision authority, Ministry of Mines, New Delhi, 2) party has challenged the order of district court before High Court of Bombay at Goa, Also notice under 12(1), hh of MCR 2016 to vacate the mining lease is issued. 3) Lease expired 4) Hearing in term of Rule 20 of MCR, 2016 before DMG.
4		AMD	There is no ongoing exploration / reconnaissance project.
5		NMEDT	There are no completed or ongoing NMEDT-funded projects in the proposed block. The north west and north part of the block overlaps with the CRZ and NDZ zone's part.

c) The comments on the project indicate that: (i) the matter is currently sub judice before the Revision Authority, Ministry of Mines, New Delhi; (ii) the party has challenged the order of the District Court before the High Court of Bombay at Goa, and a notice under Rule 12(1)(hh) of the Mineral (Other than Atomic and Hydro Carbons Energy Minerals) Concession Rules, 2016, has been issued for vacation of the mining lease; (iii) the mining lease has expired; and (iv) proceedings/hearing under Rule 20 of the Mineral Concession Rules, 2016, are pending before the Directorate of Mines and Geology (DMG).

d) The Committee observed that DGM has not recommended the area for Bauxite exploration as 04 nos. of Bauxite Mines overlap with the proposed area.

Recommendations of TCC-II

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The committee did not accord in-principle approval to the proposal based on the DGM comment.

Agenda 30.4.4 Reconnaissance Survey (G-4) (Area: 184 sq. km) for REE, Cobalt, Graphite, Vanadium and Associated minerals in K. Kotapadu Block, Anakapalli District, Andhra Pradesh.

ID: ME/IN/G4/AP/P/26-27/038.

[Implementing Agency: M/s Critical Mineral Trackers]

a) The proposed reconnaissance survey (G4) of 184 Sq. Km sq. km area falls in Survey of India Toposheet nos. 65O /01 in parts Anakapalli District, Andhra Pradesh.

b) The table containing the comments is given below:

S.N.		Agency	Comment
1		GSI	The southern part of the proposed block is covered by Specialised Thematic Mapping (STM), FS 2024-25 Report on Specialized Thematic Mapping to elucidate deformation, metamorphism and associated mineralization of Eastern Ghats Mobile Belt in Adduru-Sabbavaram sector, Visakhapatnam, Vizianagaram and Anakapalle districts, Andhra Pradesh. GSI has not carried out any exploration work in this block. It may be feasible for reconnaissance survey.
2		MECL	Nearly 50% of the area of Kotapadu Block overlaps with the MECL proposed blocks, Kummapalle and Musiram for which prior consent has already been submitted to the DMG Office, Andhra Pradesh. Further, during the recent Joint Working Group (JWG) meeting, it was indicated that MECL is expected to obtain consent for this block shortly. MECL intends to submit the proposal in the forthcoming TCC meeting, as consent has already been accorded in favour of MECL.
3		DGM	No ongoing exploration/reconnaissance projects. Four mining/Quarry leases for Quartz are existing in K Kothapadu Mandal, Rashtriya Ispat Nigam limited, ID: 0312010081, Smt. M.A.R Kumari, ID: 0312980078; Smt. V. Vijay Lakshmi, ID: 03129900880; V. Venkataa Rao, ID: 0312130088
4		AMD	There is no ongoing exploration / reconnaissance project.
5		NMEDT	There is no overlapping with NMEDT funded block in the proposed area.

c) The committee observed that the proposed block was based on STM work carried out by GSI, but the agency was not able to properly present the referenced work in terms of geological merit with the support of the existing field data. The committee suggested to exclude MECL proposed blocks area, modify area and add information indicating geological merits, scientific rational of

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proposal, supported by existing field data, previous exploration results and mineral occurrence evidences.

d) The committee advised modification of the block boundary by excluding the overlapping areas. It was further advised that the southern part of the proposed area may be retained. The data from the previous STM map and report shall also be presented. Additionally, NMEDT will seek clarification from the State Government regarding the MECL block, which is overlapping with the proposed area.

Recommendations of TCC-II

The committee deferred the proposal to the next TCC meeting due to overlap issues, clarification and revision of the presentation.

Agenda 30.4.5 Preliminary exploration (G3) (Area: 5 sq. km) for aluminous laterite, titanium, vanadium and associated minerals in Baswapur block, Vikarabad district, Telanagana.

ID: ME/IN/G3/TG/P/26-27/019.

[Implementing Agency: M/s GMMCO Technology Services Limited]

a) The proposed preliminary exploration (G3) of 5 Sq. Km sq. km area falls in Survey of India Toposheet nos. 56G/11 in parts Vikarabad district, Telanagana.

b) The table containing the comments is given below:

S.N.		Agency	Comment
1		GSI	The G3 proposal (Baswapur block) submitted by M/s. GMMCO TECHNOLOGY SERVICES LTD (GTS) NPEA overlaps with the Geological Memorandum (Baswapur block) prepared and handed over to the MOM on 14.01.2026 by SU: Telangana, GSI. The overlapped area is around 2.998 Sq.km (60%) out of the total proposed area of 5 Sq.km. Considering the overlapping of the proposed area by the M/s. GMMCO Technology services LTD (GTS), with the handed over GM of Baswapur Block, the proposal submitted is not feasible to take up as G3 exploration is the proposed block.
2		MECL	No overlapping with the ongoing or completed blocks of MECL.
3		State DGM	Not available.
4		AMD	There is no ongoing exploration / reconnaissance project.
5		NMEDT	There is no overlapping with NMEDT funded block in the proposed area.

c) As per the comments of GSI, about 60% (2.99 sq. km) of the proposed block has an overlap with a GM block.

Recommendations of TCC-II

The Committee deferred consideration of the proposal until the status of the GM block regarding its auction is decided.

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Agenda 30.4.6 Reconnaissance survey (G4) (Area: 66 sq. km) for vanadium-bearing titaniferous aluminous laterite in Kottur block (G4-stage), Sangareddy district, Telangana.

ID: ME/IN/G4/TG/P/26-27/020.

[Implementing Agency: M/s GMMCO Technology Services Limited]

a) The proposed area of 66 sq. km. for reconnaissance survey (G4), falls in Survey of India Toposheet no. 56G/10, in parts of Sangareddy District, Telangana.

b) The table containing the comments is given below:

S.N.		Agency	Comment
1		GSI	The Kottur area proposed by the M/s. GMMCO Technology services LTD (GTS), lies above the Zaheerabad G4 exploration block taken up by GSI during the FS: 2022-23. The G4 exploration carried out by GSI, yielded encouraging values of Al_2O_3 ranging from 13.87% to 36.29%, falling in the aluminous laterite/bauxite category and with associated critical minerals like vanadium with values ranging from from 338 to 3421 ppm and TiO_2 from 1.12% to 6.65%. Based on the encouraging results, GSI also took up G3 exploration in Parvathapur and Govindpur blocks which have been handed over to the MOM for auctioning. Therefore, it is feasible to take up G4 exploration in the proposed Kottur block area by the M/s. GMMCO Technology services LTD (GTS), based on the above work carried out by SU: Telangana, GSI in the Zaheerabad block which yielded encouraging values for alumina and the associated critical minerals.
2		MECL	No overlapping with the ongoing or completed blocks of MECL.
3		State DGM	Not available
4		AMD	There is no ongoing exploration / reconnaissance project.
5		NMEDT	There is no overlapping with NMEDT funded block in the proposed area.

c) The Agency informed that, GSI has carried out G4 stage exploration towards the northern part of the proposed area during FS 2024-25 and towards the southern part in FS 2022-23. In the northern part, the analytical results of BRS, channel, and pit samples indicated Al_2O_3 values ranging from 10.99% to 45.51%, TiO_2 from 0.87% to 4.23%, V from 106 ppm to 2363 ppm, Sc from 7 ppm to 138 ppm, and Ga from 16 ppm to 49 ppm. Also, in the southern part Al_2O_3 values ranging from 13.87% to 36.29%, TiO_2 from 1.12% to 6.65%, V from 338 ppm to 3421 ppm and Ga from 24 ppm to 78 ppm.

d) Considering the above, the Committee agreed in-principle approval to the proposal.

Recommendations of TCC-II

The Committee accorded in-principle approval to the proposal.

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Agenda 30.4.7 Reconnaissance Survey (G4) (Area: 145 sq. km) of zirconium, RM/REE, bauxite and associated minerals in Kerakona–Manjhatoli Block, District Jashpur, Chhattisgarh.

ID: ME/IN/G4/CT/P/26-27/088.

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

a) The proposed area of 145 sq. km. for reconnaissance survey (G4), falls in Survey of India Toposheet no. 64M/16, in parts of District Jashpur, Chhattisgarh**.**

b) The comments provided for the proposal during the 81st TCC-I meeting remain unchanged.

c) The table containing the comments is given below:

S.N.		Agency	Comment
1		GSI	NO overlapping with the proposed block Kerakona – Manjhatoli, Gems project Pvt. Ltd.
2		MECL	Overlaps with proposed MECL Sanna -Samiri - Manora block for REE, Ti, Ga, Bauxite.
3		State DGM	There are no ongoing exploration projects in the proposed area. Two projects are proposed namely Lavmurha-Lodhpat and Lodhpat-Kadopani for bauxite and associated critical minerals that should be excluded from the proposal.
4		AMD	No overlapping with the ongoing or completed blocks
5		NMEDT	There is no overlapping with the NMEDT Funded projects.

d). During the meeting, the representative from DGM informed the Committee that there are significant local opposition and agitation in the project area, which may adversely affect or hinder the execution of exploration activities.

Recommendations of TCC-II

The Committee did not agree to accord the in-principle approval based on the DGM view point about local agitation.

Agenda 30.4.8 Preliminary Exploration (G3) (Area: 11.12 sq. km) for Lithium and Associated Mineralization in and around Ramakachhar Block Korba District, Chhattisgarh.

ID: ME/IN/G3/CT/P/26-27/002.

[Implementing Agency: M/s. GeoExpOre Private Limited]

a) The proposed area of 11.12 sq. km. for preliminary exploration (G3), falls in Survey of India Toposheet no. 64 J/06, in parts of Korba District, Chhattisgarh.

b) The table containing the comments is given below:

S.N.		Agency	Comment
1		GSI	Overlapping found in the proposed Block with GSI previous works 2023-24. No overlap with GSI present work of 2025-26.
2		MECL	No overlapping with the ongoing or completed blocks of MECL.

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3		State DGM	No ongoing project in the proposed area.
4		AMD	AMD has carried out reconnaissance exploration (G-4 stage) in and around the proposed block during 2023-24 for uranium. Significant surface radioactive zones were delineated in Ramakachhar Block and grab samples analysed up to 0.15% U3O8 (n=38). There is no ongoing exploration / reconnaissance project. The proposed block completely overlaps with the already explored block of AMD. In view of the known potential for uranium in and around the proposed block and future follow up exploration by AMD, the proposed block is not recommended.
5		NMEDT	There is no overlapping with the NMEDT Funded projects.

c) The agency informed the committee that the Geological investigations by GSI identified significant concentrations of critical minerals within the proposed Ramakachhar Block. The detected elements include Lithium (Li) with an average value of 625.75 ppm (median 573.30 ppm), Rubidium (Rb) 358.97 ppm, Niobium (Nb) 43.73 ppm, and Cesium (Cs) 52.26 ppm, indicating encouraging mineralization potential.

d) Further, agency informed that the presence of several pegmatite veins (30–125 m in length and 6–20 m in average thickness) and favourable granite contact zones, supported by geological and geochemical evidence, indicates strong potential for lithium and associated rare-metal mineralization.

e) Considering the above, the Committee agreed in-principle approval to the proposal.

Recommendations of TCC-II

The Committee accorded in-principle approval to the proposal.

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Annexure -1

List of participants attended 30th meeting of Technical-cum-Cost Committee - II (TCC - II) of NMEDT held on 04th and 05th June, 2026 through video conferencing mode

S.no	Name	Designation	Email ID	Contact No	Organization
1	Shri. Pradeep Singh	Dy. Director General, GSI, Kolkata	ddg.it@gsi.gov.in	9810233957	Chairman, TCC -II
2	Dr. S. Ravi	Dy. Director General, GSITI, Hyderabad	s.ravi1@ gsi.gov.in	9441138834	Chairman, TCC-1
3	Shri. Sanjay Singh	Director, GSI, Western Region, Jaipur	sanjay.singh3@gsi.gov.i n	9928860884	Member Secretary TCC-II
4	Shri. B S Jodha	Dy. Director General (Retired), GSI	jodha1961@gmail.com	9414023478	Member TCC-II
5	Shri. Sunil Kumar Vashisth	GM (Retired), Hindustan Zinc Limited, Udaipur	sunilhzl@gmail.com	9829059236	Member TCC-II
6	Shri M. K. Patel	Dy. Director General (Retired), GSI	patelmk27@gmail.com	9040011231	Member TCC-II
7	Dr. T. S. Sunil Kumar	Addl. Director (Retired), AMD	ts.sunilkumar@gmail.co m	9502560153	Member TCC-II
8	Shri. D. S. Jeere	Director, GSI, RSAS Bengaluru.	dattatreya.jeere@gsi.gov.in		Member TCC-II
9	Dr. M. K. Mukherjee	Associate Professor IIT (ISM) Dhanbad	mrinal@iitism.ac.in	9431711148	Member TCC-II
10	Anoop Kumar	Cost Accounts Officer	anoop.kumar2@gsi.gov.in	8969116172	GSI-CHQ, Member TCC-II
11	KANHU CHARAN DAS	VP (EXPLORATION)	kanhu@theworld.co.in	9674641321	M/s My World Consultancy Pvt. Ltd.
12	Dr. Pundarika Rao D	HOD (Exploration & Geology)	pundarikarao.d@gts-india.com	7032711678	GMMCO Technology
13	Nani Babu M	Dy. Manager (Exploration & Geology)	nanibabu.m@gts-india.com	8919213290	GMMCO Technology
14	Dr. Ramulu M	Dy. Manager (Exploration & Geology)	ramulu.m@gts-india.com	9052391710	GMMCO Technology
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18	Manikandan s	Senior Geophysicist	manikandan@bmrcgroup.com		BMRC Geomining Solution Pvt Ltd
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20	R. K. Sharma	Project Coordinator	deepsarmineralexplorer1963@gmail.com		Deepsar Mineral Explorer
21	A K Kant	Project Coordinator	deepsarmineralexplorer1963@gmail.com		Deepsar Mineral Explorer
22	Ashu Mathur	Technical Area Expert	deepsarmineralexplorer1963@gmail.com		Deepsar Mineral Explorer
23	Rajesh Srivastava	Geologist	deepsarmineralexplorer1963@gmail.com		Deepsar Mineral Explorer
24	Mohammad Muslemeen	Senior geologist	mohammad@geoexpore.com		GeoExpOre Pvt. Ltd.
25	Ankush Saxena	Project Head	dgm-min@fagmil.nic.in	9413221576	FAGMIL
26	Saransh Srivastav	Geologist			FAGMIL

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27	Dr Nafisa Begum	Geologist			FAGMIL
28	Pawan Kumar	Geologist			FAGMIL
29	Anshul Harsh	Geologist			FAGMIL
30	Priyanshi Parihar	Geologist			FAGMIL
31	Ravi Chouhan	Geologist			FAGMIL
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33	Shrikant Sharma	HOD(Exploration)	gm-exploration@mecl.co.in	9131229758	MECL
34	Naveen Pala	Sr. Manager (Geology)			MECL
35	Swarup Dhara	Sr. Manager (Geology)			MECL
36	Md. Dasthageer	Sr. Manager (Geology)			MECL
37	Sayandeep Chakraborty	Asst. Manager (Geology)			MECL
38	Md. Kaif	Asst. Manager (Geology)			MECL
39	Ahmad Raza	ET (Geology)			MECL
40	Rajib Deb	Chief Geologist	rajib.deb@tatasteel.com	6203507651	NRD-TATA
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43	Vikram Singh Bisht	Drilling Head	oceandrillingaea@gmail.com		Ocean Drilling
44	Sumitra Bisht	Geologist	oceandrillingaea@gmail.com		Ocean Drilling
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47	Shri. S.P. kadoo	Deputy Director	director@mahadgm.gov.in	-	
48	Sri.G.Sreenivasa Chowdary	Deputy Director (Mines)	apdmgplanning7@gmail.com	9100688811	DMG, Andhra Pradesh
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55	Shri Manish Kumar	Geophysicist	nmet.mines@gov.in	9652258670	NMEDT

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Government of India
Ministry of Mines
National Mineral Exploration Trust
Technical cum Cost Committee [TCC]

F. No.: 6/4/2015-NMET/ New Delhi, 19th June 2026

Corrigendum

With reference to the Minutes of the 30th Technical-cum-Cost Committee (TCC-II) Meeting held on 04th and 05th June 2026, the Following modification may be noted under **Agenda Item No. 30.1.11** and **Agenda 30.4.8** in accordance with the directions of the TCC-II Committee. **The associated cost and time annexures (8A & B) given in the minutes are also void.**

The decision recorded against the above agenda item shall be read as follows:

Agenda 30.1.11 Preliminary Exploration (G3) for Non-Metallic Mineral (Graphite) in Bhopali West Graphite Block, Betul District, Madhya Pradesh.

Implementing Agency: M/s MMPL Private Limited

Committee Recommendation:

a) The Committee examined the proposal in detail along with the comments furnished by the Atomic Minerals Directorate (AMD). AMD informed that it has already carried out G4 stage exploration for uranium in and around the proposed block during different phases, wherein evidence of uranium mineralisation has been established. The exploration results indicate uranium values up to 0.084% U_3O_8 from grab samples collected from the area.

b) AMD further stated that the region possesses known uranium potential and may be taken up for further follow-up exploration by AMD in future. Accordingly, AMD has not recommended the proposed block for mineral exploration by other agencies.

c) In view of the observations and comments of AMD regarding the established uranium potential in and around the proposed block and the possibility of future exploration activities by AMD, the TCC-II Committee decided to reject the proposal for Preliminary Exploration (G3) in the Bhopali West Graphite Block, Betul District, Madhya Pradesh.

Agenda 30.4.8 Preliminary Exploration (G3) (Area: 11.12 sq. km) for Lithium and Associated Mineralization in and around Ramakachhar Block Korba District, Chhattisgarh.

[Implementing Agency: M/s. GeoExpOre Private Limited]

Committee Recommendation:

a) The Committee noted the comments of AMD that reconnaissance exploration (G4 stage) for uranium was carried out in and around the proposed Ramakachhar Block during 2023–24. The exploration work delineated significant surface radioactive zones within the block area, and analysis of 38 grab samples yielded uranium values up to 0.15% U_3O_8.

b) The Committee further noted that the proposed block completely overlaps with the area already explored by AMD. Considering the known uranium potential of the block and its surrounding areas, as well as the likelihood of future follow-up exploration by AMD, the Committee concluded that allocation of the block for exploration of other minerals may adversely affect the strategic interests associated with uranium exploration.

c) Accordingly, the Committee did not agree to accord the in-principle approval for the proposed block.

[**श्री. संजय सिंह/Sh. Sanjay Singh**]
निदेशक एवं सदस्य सचिव/Director & Member Secretary,
टी.सी.सी-II, एन.एम.ई.टी/TCC-II, NMEDT