

Ministry of Mines
National Mineral Exploration & Development Trust
Minutes of 34th meeting of Technical-cum-Cost Committee - II (TCC - II)
held on 6th and 7th August, 2026

The 34th meeting of Technical-cum-Cost Committee-II (TCC-II) of National Mineral Exploration and Development Trust (NMEDT) was convened through video conferencing on 6th and 7th August, 2026. The meeting was chaired by Dr. S. Ravi, DDG & HOD, GSITI, and Chairman, TCC-I, NMEDT and Shri Pradeep Singh, ADG (PSS), GSI and Chairman, TCC-II, NMEDT.

Members of TCC-II, NMEDT and representatives from M/s MMPL Private Limited, M/s Wattfin Ventures Private Limited, M/s GMMCO Technology Services Limited, M/s GeoExpOre Private Limited, M/s GEMS Project Private Limited, Mineral Exploration and Consultancy Limited (MECL), M/s BMRC Geomining Solutions Pvt. Ltd., M/s APC Drilling & Construction Private Limited, M/s Geo Marine Solutions Private Limited, Jharkhand Exploration and Mining Corporation Limited (JEMCL), Madhya Pradesh State Mining Corporation Limited (MPSMCL), M/s. Natural Resources Division Tata Steel Limited, M/s Mining Tech Consultancy Services Limited (MTCS), M/s Unised Research Consultants Private Limited, M/s My World Consultancy Services Private Limited, M/s Eartnenviro Lab Private Limited, M/s Critical Mineral Trackers (CMT), M/s Vardan Environet LLP, M/s Enkay Enviro Services Private Limited, DGM Jharkhand etc. have attended the meeting through video conferencing mode. The list of participants is at **Annexure-1**.

Dr. S. Ravi, DDG & HOD, GSITI, and Chairman, TCC-I, 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).

34.1 Technical Evaluation of New Project Proposals

Agenda 34.1.1 Preliminary exploration (G3) for Copper, REE & associated minerals in Langdang block, District, Papum Pare, Arunachal Pradesh

ID: ME/DD/G3/AR/26-27/106

Area: 5.99 sq. km

[Implementing Agency: M/s MMPL Pvt. Ltd]

- a) The proposed block of 5.99 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 83E/08, in parts of District, Papum Pare, Arunachal Pradesh.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	The proposed NMET block is fully overlapped with the Bubiya-Leporiang block (G-4) of FS 2017-18 and adjacent with Dedollo block (G-3) of FS: 2019-22. During FS 2017-18, G4 stage reconnaissance survey on 1:12,500 scale was carried out in Bubiya-Leporiang area for copper and possible associated gold mineralisation. Three mineralised zone were demarcated.

		Mineralised Zone I: 400 m thick zone shows highly leached, oxidised and gossan box works was observed near Dedollo village. Mineralised Zone II: 180 to 200 m thick zone in phyllitic quartzite was observed near to south of Leporiang village. Mineralised Zone III: 80 to 100 m thick zone in sheared granite gneiss and garnetiferous phyllite was observed in the old Bubiya road near to Lodoso village. Analytical result of BRS shows Cu value up to 36000 ppm, channel samples show Cu value up to 2060 ppm and trench samples show Cu value up to 3400 ppm TREEs from all type samples ranges from 12 ppm to 18811 ppm. During FS 2019-22, G3 stage exploration for REE and associated precious and basemetal was carried out Lodoso area covering an area of 1 sq. km on 1: 2000 scale. The analytical result of channel samples shows maximum 3.0% TREE, 4808 ppm to 1.3% TREE in trench sample, maximum of 2.0% TREE in pit sample. Also, reported Cu up to 2790ppm and Au up to 280ppb in spot sample. All the samples from mineralized zone yielded high Fe ₂ O ₃ % ranging from 24 to 82%. The analytical results of core samples show TREE up to 1.9% and Cu up to 0.35%. Estimated inferred resource of 2.1 MT with average grade 1.08% TREE. Currently no exploration / reconnaissance projects of GSI related to copper and associated minerals in the proposed area.
2	AMD	AMD has carried out reconnaissance exploration (G4 stage) for uranium in and around the proposed block. No significant surface radioactive zone was delineated. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	The proposed block has no overlapping with the ongoing or completed blocks of MECL.
4	DGM	No Past Reconnaissance/Exploration work carried out by State DGM. No such ongoing exploration in the proposed area. No Composite License (CL) or Mining Lease (ML) granted within the proposed block.
5	NMEDT	No overlaps with NMEDT funded blocks and GSI FS 2022-23, 2023-24, 2024-25, 2025-26 and 2026-27 blocks for mineral exploration as per NGDR.

- c) In 23rd TCC-II meeting the agency informed that their team of geologists visited the proposed block (4.00 sq. km) and carried out a reconnaissance traverse, followed by the collection of additional BRS samples from phyllite of the Khetabari Formation. Analytical results of four BRS samples have shown Cu values of 468 ppm, 970 ppm, 42,640 ppm, and 62,568 ppm, respectively. The sampled locations define a strike extension of approximately 1.8 km in the NE-SW direction. The committee observed that these samples values appear to be spot values and show high deviations. The committee asked the agency to focus on the litho-contact

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between biotite rich granite gneiss and garnetiferous phyllite in line with the work carried already carried out GSI in the same area.

- d) The TCC-II had opined that the proposed block should be shifted in line with the positions of nearby GSI's exploration blocks in that area. The Committee had also advised the agency to collect a few groove/channel samples on its own to establish the mineral potential of the proposed block for G3-stage exploration. The proposal may be resubmitted after modifications as suggested by the committee.
- e) In the present meeting the agency showed the modified area of 5.99 sq. km and results of 5 channel samples collected by the agency in NE-SW direction along strike length of 1400 m mainly over phyllite. The agency collected 5 samples in channel 1, 4 samples in channel 2, 4 samples in channel 3 and 1 sample each in channels 4, 5 and 6 respectively.
- f) The committee observed that two samples (3 and 5) in channel 1 showed values of 11,387 ppm and 5030 ppm for Cu while other channel samples showed values less than 562 ppm for Cu. Sample 3 of channel 1 and sample 1 of channel 3 only showed anomalous values of TREE 2201 ppm and 3168 ppm respectively while REE results were not available for channel 2,4, 5 and 6.
- g) The committee observed that the presented data does not establish any significant mineralized zone
- h) The committee did not recommend the proposal for approval due to lack of significant Cu and REE mineralized zones and their continuity from the analytical results from channel samples carried out by the agency by the agency along the strike direction.
- i) The Committee advised the agency to submit a fresh proposal focusing on the litho-contact between biotite-rich granite gneiss and garnetiferous phyllite in line with the work already carried out by GSI in the same area. Encouraging sample values from the phyllite–granite contact zone are required. Borehole data from the adjacent GSI G3 blocks should also be referred to and incorporated in the DPR. For a G3 Stage of exploration, established mineralised zones are required in the proposed area.

Recommendations of TCC-II

The Committee did not recommend the DPR for approval of PSC. The committee further advised that a fresh proposal may be submitted, focusing on the litho-contact between biotite-rich granite gneiss and garnetiferous phyllite in line with the work already carried out by GSI in the same area.

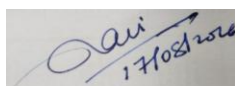
Agenda 34.1.2 Reconnaissance survey (G4) for Graphite in Ejamar south area, District, Latehar, Jharkhand

ID: ME/DD/G4/JH/26-27/119

Area: 29. 9 sq. km.

[Implementing Agency: M/s MMPL Pvt. Ltd]

- a) The proposed area of 29.9 sq. km for reconnaissance survey (G4), falls in Survey of India Toposheet no. 73A/5, in parts of District, Latehar, Jharkhand.



b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	GSI has nearly developed all G4 blocks entitled "Reconnaissance survey for graphite in Chhotanagpur Gneissic Complex Parsahi, Satbarwa and Ranki Kalan in Latehar District, Jharkhand" (STAGE: G-4) during FS 2019-20. to G3/G2 stage in the northern part of the Toposheet which includes Karma, Adhamniya, Budhiyabagi, Mandhaniya, Shiri, Charwadih etc and has proposed Dodang G3 block for the FS 2027-28. The newly proposed Ejamar South block is situated just south of GSI's previously explored G4 Ranchi block.
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 0.059% U ₃ O ₈ and up to 0.28% ThO ₂ from the area. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the said commodities mentioned. In view of known potentiality for uranium in the area, analysis of uranium may also be included in the analysis list.
3	MECL	The proposed block has no overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	The proposed area falls in Recorded Forest Area (RFA), overlaps with ESZ. There is no overlap with ESA, Tiger Corridor or Protected Areas as per PM Gatishakti Portal.

- c) The agency discussed the project in 32nd TCC-II meeting wherein the proposed area was 20.39 sq. km. Considering the overlap of the proposed area with the Eco-Sensitive Zone (ESZ) and GSI's exploration area, the Committee observed that the block boundaries required modification. Accordingly, the agency revised the block by excluding the previously identified overlapping portions and incorporating adjoining areas towards the east and west in a total proposed area of 35.38 sq. km.
- d) In the 32nd TCC-II the Committee was of the view that the newly incorporated areas should be supported by adequate evidence of mineral potential before the project could be considered. The committee further advised the agency to verify the overlapping status of modified exploration area with ESZ. The agency was, therefore, advised to submit a fresh proposal in the next TCC meeting, along with supporting geological and mineralization evidence for the proposed additional areas.
- e) The committee observed that the area shown by the agency in the proposal was different than that shown in presentation. The committee opined that as substantial

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exploration work has already been done by GSI in the area and proposals from other agencies are also being received in the same area the comments from GSI, MECL, AMD and State DGM are required on the modified area excluding the ESZ portion from the proposed area by the agency.

- f) The committee deferred the proposal to the next TCC-II meeting due to significant overlap of the proposed area in the western and southern part with ESZ zone. The agency may resubmit the proposal after excluding the ESZ portion and duly considering the exploration work already done work done by various exploration agencies in the area.

Recommendations of TCC-II

The Committee deferred the proposal to the next TCC-II meeting for area revision. The Committee advised that the proposal will be discussed in next TCC-II meeting with fresh comments of all the agencies for the revised proposed area excluding the overlapping ESZ.

Agenda 34.1.3 Preliminary exploration (G3) for Ti, V and low-grade rock phosphate in Parbad- Kumir block, District, Purulia, West-Bengal

ID: ME/DD/G3/WB/26-27/064

Area: 3.18 sq. km

[Implementing Agency: M/s MMPL Pvt. Ltd]

- a) The proposed block of 3.18 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 73J/5, in parts of District, Purulia, West-Bengal.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	The proposed Parbad–Kumir G3 block exhibits 100% overlap with the GSI investigation area for apatite covered under the report titled "Report on the Detailed Investigation for Apatite around Beldih, Kutni and Chirugora, Purulia District, West Bengal (1977–79)" which has already been handed over to DMM, West Bengal as GR in September, 2017. Additionally, the block shows approximately 78% overlap with the GSI investigation area for lead and copper documented in the report "Report on the Investigation for Lead and Copper Ore in Parts of Purulia, Bankura, and Midnapore Districts, West Bengal (1960–61)".
2	MECL	No overlapping with the ongoing or completed blocks of MECL.
3	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.

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4	DGM	Not available
5	NMEDT	Proposed block overlap with three GSI 2022-23 (i. Regional Mineral Targeting for the concealed and deep-seated deposits across the North Singhbhum Mobile Belt (NSMB) in and around Ranchi, East Singhbhum, West Singhbhum, Khunti, Saraikela-Kharsawan district, Jharkhand ii. Reconnaissance Survey for base metal and gold in Mudidih-Laka-Taladih-Chirudih in parts of Purulia district, West Bengal (G4), iii. Reconnaissance survey for gold and associated minerals in and around Dangar-Gobarghusi-Chanra areas, East Singhbhum District, Jharkhand (G4)). One auctionable G-4 GM block for Phosphorite mineralization (Kumir Parbad) is present with in the proposed block.

- c) The Committee observed that the proposed block covers an auctionable G-4 GM block for Phosphorite mineralization (Kumir Parbad). Considering the above, the Committee deferred the proposal and advised the NMEDT secretariat to obtain the status of the GM block submitted by GSI from DMM West Bengal and DGM Jharkhand.
- d) Considering the above, the Committee deferred the proposal to the next TCC-II meeting.

Recommendations of TCC-II

The Committee deferred the proposal to the next TCC-II meeting for comments of DMM, West Bengal and DGM, Jharkhand on the status of Kumir Parbad GM block.

Agenda 34.1.4 Reconnaissance survey (G4) for Ni, Cr, PGE and other critical minerals in Junnar area, District, Pune, Maharashtra

ID: ME/DD/G4/MH/26-27/098

Area: 150.0 sq. km

[Implementing Agency: M/s Wattfin Ventures Private Limited]

- a) The proposed area of 150 sq. km for reconnaissance survey (G4), falls in Survey of India Toposheet no. 47E/11, 47E/12, 47E/15 & 47E/16 in parts of District, Pune, Maharashtra
- b) The table containing the comments is given below:

S.N.	Agency	Comment
	GSI	GSI, SU: Maharashtra executed one G4 item and one STM item during FS: 2025-26, with their blocks falling to the south and southwest of the proposed area of the NPEA. For the G4 item, titled "Reconnaissance survey for Ni-Cr-PGE mineralization in high Mg rocks in and around Kurwandi and Kudalwadi area, Pune District, Maharashtra", a total of 50 samples were analyzed for PGE. The values of Pt+Pd range from 5 to 23.89 ppb with an average value of 9 ppb. A total of 115 BRS were analyzed for Ni

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1		& Cr. Cr value ranges from 28 to 1202 ppm with an average value of 346 ppm. Ni results are yet to be received. For the STM item, titled "Specialized thematic mapping to demarcate olivine bearing basalt/picritic basalt flows and intrusive bodies of Deccan Volcanic Province (DVP) in and around Kundeshwar Dongar area, Pune district, Maharashtra.", the highlights are as follows: i) 30 samples for PGE were analyzed. The value of Pd <5 ppb, and Pt ranges from <5 to 42.2ppb. ii) Total 110 BRS were submitted for Ni and Cr. Analytical results of 5 samples have been received so far. Cr value ranges from 115 to 396 ppm. Ni value is yet to be received. Both the GSI reports are under finalization. These items were proposed based on the similar background value of BRS & PCS reported during NGCM work, as referred to by the NPEA. The NPEA's Junnar block lies adjacent to the G4 and STM blocks, and forms part of the same Deccan Trap volcanic sequence, characterized by laterally persistent lava flows exhibiting minimal geochemical variation over considerable distances. Accordingly, based on the geological continuity and exploration outcomes from the neighboring blocks, the proposed area is considered to have limited potential for PGE and associated mineralization. No overlap observed.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	No NMEDT funded block is present nearby the proposed block. A part of the proposed block falls in ESZ.

- c) The committee based on the comments from NMEDT advised the agency to exclude the portions of the proposed area overlapping with the ESZ and modify the area to around 100 sq. km. Accordingly, the agency modified the area. The agency referenced the GSI's NGCM work of FS 2023-24 where based on the high MgO, Ni, and Cr values of BRS (3 samples), an area around Khamgaon-Junnar comprising an olivine-rich unit and other basaltic flows was described as potential area for the search of Ni, Cr, PGE, and associated mineralization. From these mapped units, ultramafic rock with brown iddingsite picrite was observed in the proposed block; chemical analysis of 03 no of PCS by agency show MgO values ranging from 16%-22%, Cr from 1268ppm-1820ppm, Co varies from 96ppm to 124ppm, and Ni concentration ranges from 717ppm

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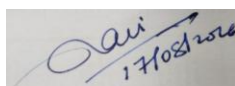
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914ppm. These Mg-rich basaltic flows/sills and dykes had shown a very positive correlation with nickel and chromium. A high magnesium basaltic composition is considered favourable for hosting Ni-Cr-PGE mineralization.

- d) Considering the above, the Committee agreed to recommend the proposal to the PSC for approval. A total of 300 m of scout drilling in 3 boreholes (100 m each) was agreed upon. The proposed scout drillholes are shown in Annexure 2C. However, the drilling quantum, along with the corresponding sampling and chemical analysis, may be revised during the first review based on the results of geological mapping and sampling.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for "Reconnaissance survey (G4) for Ni, Cr, PGE and other critical minerals in Junnar area, District, Pune, Maharashtra" with an estimated cost of ₹ 121.32/- lakhs (including GST) within time schedule of 10 months for carrying out the proposed work and submission of geological report as per Annexure 2A & 2B. The project will be reviewed after 4 months and 8 months



Annexure 2A							
Estimated cost for Reconnaissance survey (G4) for Ni, Cr, PGE and other critical minerals in Junnar area, District, Pune, Maharashtra Area: 100 sq.km, Drilling: 300 m, BH: 3; Schedule Timeline - 10, Review after 4 and 8 Months							
S. No.	Item of Work *	Unit *	Rates as per NMEDT SoC 2025-26		Estimated Cost of the Proposal		Remarks
			SoC-Item No. *	Rates as per SoC * (a)	Qty. (b)	Total Amount (Rs) (a*b)	
A	Geological Mapping Other Geological Work & Surveying						
1	Geological mapping, (1:12500) & Trenching, drilling work	per sq. km	1.1	18,300	100.0	1830000	
2	a. Charges for Geologist per day (Field) for geological mapping & trenching work, drilling work	day	1.2.1a.(b)	14,500	120	1740000	
3	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.
4	c. Charges for Geologist per day (HQ)	Per day	1.2.1a.(a)	10,500	30	315000	
5	d. Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	7,850	29	227650	
6	e. Labours (4 Nos)	day	5.8	556	116	64496	65,640
Sub Total- A						4310586	
B	Survey work						

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a	DGPS Survey for BH fixation	Per Point of observation	1.3.2	24,000	3	72000	3 BH
b	Trenching		2.1.1	4,125	50	206250	
	Sub-Total-B					278250	
C	Drilling (in house)						
1	Drilling up to 400m (Hard Rock)	m	2.2.1.1d	10,000	300	3000000	Drilling quantum will be revised at first review based on geological mapping and sampling results. Borehole depth to be 100 m only when justified by presence of mineralization. Unnecessary drilling to be avoided.
2	Land / Crop Compensation (in case the BH falls in agricultural Land)	per borehole	5.6	30000	3	90000	As per actuals
3	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2000	3	6000	
4	Borehole plugging by cement	Lum sum per borehole	2.2.8	10000	3	30000	0
5	Core preservation	per m	5.3	1,590	100	159000	
6	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drill Camp, Camp setting and winding, construction of Approach road)	Lum sum per borehole	2.2.9			750000	For Drilling cost less than 50 Lakhs: 25% of the Drilling Cost
	Sub Total C					4035000	
D	LABORATORY STUDIES						
	Chemical Analysis						

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i)	Geochemical Sampling- Surface samples (Bedrock/Channel)						
	Major oxides (WD XRF) – (oxides + traces – 24 elements)	Per Sample	4.1.17a	4200.00	200	840000	
	Major oxides (WD XRF) – (oxides + traces – 24 elements) Check sample (10% External)	Per Sample	4.1.17a	4200.00	20	84000	
	Pt & Pd by AAS	Per Sample	4.1.7a	3500.00	10	35000	
	Analysis of rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element (U,Ta,Ge,Be,Hf,Sn,As,Rb,Th) by ICP-MS (sequential technique)	Per Sample	4.1.15	7400.00	10	74000	
	Analysis of rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element (U,Ta,Ge,Be,Hf,Sn,As,Rb,Th) by ICP-MS (sequential technique) Check sample (10% External)	Per Sample	4.1.15	7400.00	1	7400	
	Sub Total D					1040400	
E	<u>Physical & Petrological Studies</u>						
1	Preparation of polish section	Nos	4.3.2	800	10	8000	
2	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	
3	EPMA studies	per hour	4.4.1	10500	10	105000	
	Sub Total E					141000	

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F	Total A to E					9805236	
G	Geological Report Preparation	soft copy	5.2	5.2 (ii)		250000	Reimbursement will be made after submission of the final Geological Report in the soft copy to NMEDT.
H	Peer review Charges		As per EC decision			30000	
I	Preparation of Exploration Proposal (5 Hard copies with a soft copy)	soft copy	5.1	2% or 5 lakh whichever is lower		196105	EA will be reimbursed after submission of 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.
J	Total Estimated Cost without GST					10281341	
K	Provision for GST (18%)					1850641	GST will be reimbursed as per actual and as per notified prescribed rate
L	Total Estimated Cost with GST					12131982	
Note:				or Say Rs. In Lakhs		121.32	
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.						

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3	If any part of the project is outsourced, the amount will be reimbursed as per Item no. 6 of NMEDT SoC. In case of execution of the project by NEA on its own, a Certificate regarding non outsourcing of any component/project is required.
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.
5	Any item of work not mentioned above shall be added as per SoC.
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.

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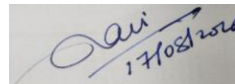
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Annexure 2B

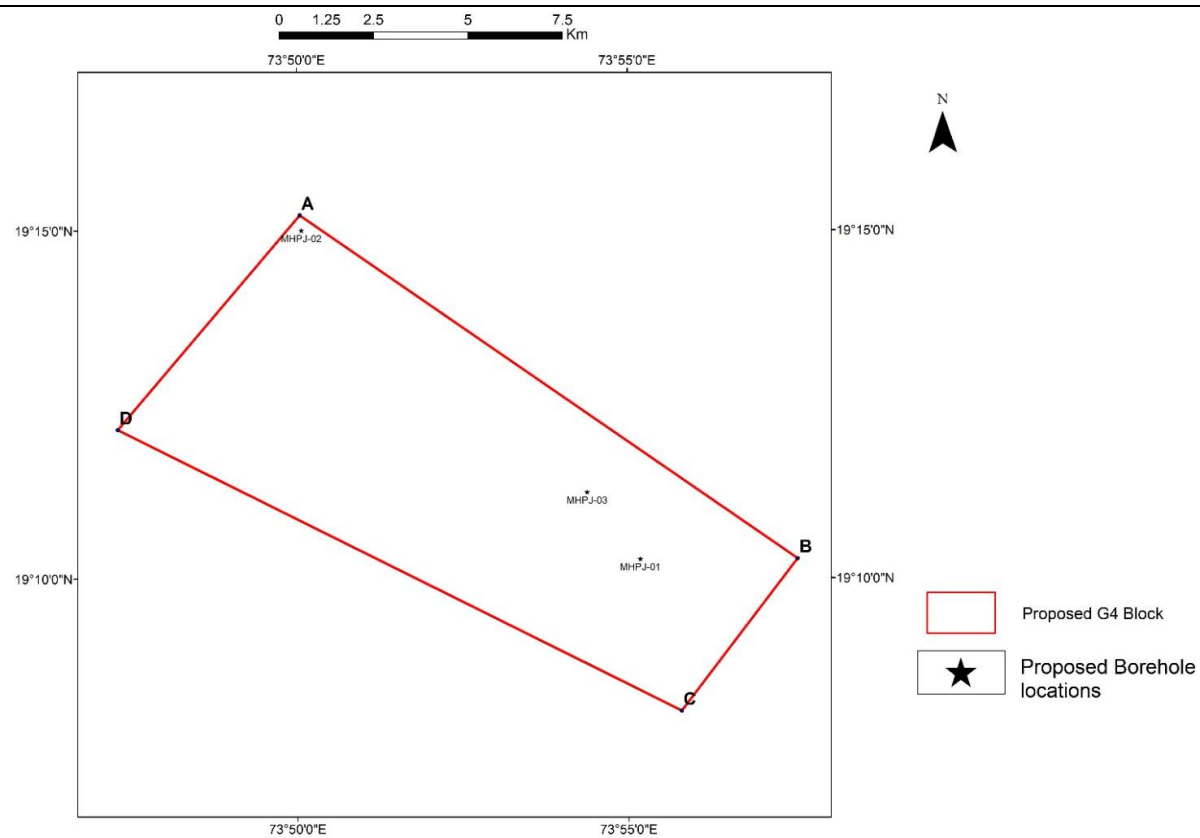
Timeline for Reconnaissance survey (G4) for Ni, Cr, PGE and other critical minerals in Junnar area, District, Pune, Maharashtra
Area: 100 sq.km, Drilling: 300 m, BH: 3;

Sl. No.	Particulars	Month-1	Month-2	Month-3	Month-4	Review	Month-5	Month-6	Month-7	Month-8	Review	Month-9	Month-10
1	Camp Setting/ mobilization												
2	Geological Mapping												
3	Pitting/ Trenching												
4	BRS/Pitting/ Trenching Sample Preparation												
5	Sample analysis												
6	Boundary Demarcation												
7	Drilling (1 rig)												
8	Sample Preparation												
9	Petrographic study												
10	Laboratory Studies												
11	Report Preparation												


Annexure 2C

Scout boreholes plan for Reconnaissance survey (G4) for Ni, Cr, PGE and other critical minerals in Junnar area, District, Pune, Maharashtra



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Agenda 34.1.5 Preliminary exploration (G3) for Bauxite, Aluminous Laterite and associated critical minerals in Chapekhol block, District, Sindhudurg, Maharashtra

ID: ME/DD/G3/MH/26-27/108

Area: 6.76 sq. km

[Implementing Agency: M/s Wattfin Ventures Private Limited]

- a) The proposed block of 6.76 sq. km for preliminary exploration (G3) falls in Survey of India Toposheet no. 47H/12, in parts of District, Sindhudurg, Maharashtra.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	GSI has carried out one M-II (RP) item and two G4 items covering the proposed block. Details are as follows: 1. Reconnaissance survey for delineating REE rich and associated minerals in Kaladgi Supergroup, Sindhudurg District, Maharashtra. No sample was collected from the proposed block. (FS 2016-18) 2. Regional assessment of lateritic profiles developed over the western Dharwar sequences and Deccan Traps in parts of Sindhudurg, Ratnagiri and Kolhapur districts, Maharashtra. (MII-RP) No sample was collected from the proposed block. (FS 2022-24) 3. Reconnaissance Survey for Bauxite and Associated Critical Mineral in Anganewadi Area, Sindhudurg District, Maharashtra (FS 2024-25) • GSI carried out Geological mapping of 100 sq km area on 1: 12,500 scale in the Anganewadi block, along with sampling for bauxite, aluminous laterite and associated critical minerals. • Geologically, the GSI, large-scale mapping (LSM) area exposes lithounits from metasedimentary rocks of Dharwar supergroup, sedimentary rocks of Kaladgi Supergroup, basalt of Purandargarh Formation belonging to Sahyadri Group of Deccan Trap Supergroup, laterite of Cenozoic age. • The GSI work in Anganewadi area established the occurrence of bauxite and aluminous laterite. Bauxite occurs as discontinuous, patchy/pockety and lensoidal bodies within the lateritic profile. • The LSM on 1:12,500 scale and values of Al_2O_3, SiO_2 & Fe_2O_3 of bed rock samples and pit samples from the study area implies that the area is potential for discontinuous patches and pockets of Bauxite. Total 5 BRS samples, 8 PTS of 1 trench and 1 PCS sample are reported to fall in the proposed Chapekhol block. Out of these,

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		based on the analytical results 4 BRS samples are classified as aluminous laterite and 1 BRS sample is classified as bauxite. while all the 8 PTS are classified as bauxite, showing Al ₂ O ₃ values of 58.31% to 58.68% with low SiO ₂ values of 4.43% to 4.58%, associated critical mineral values, namely TiO ₂ average value is 3.3%, Ga value ranges from 70–74 ppm, V value ranges from 226–236 ppm. The PCS sample shows TiO ₂ , 2.6%, Ga, 45 ppm, V, 1081 ppm, indicating association of bauxite/aluminous laterite with critical minerals.
2	MECL	No overlapping with the ongoing or completed blocks of MECL
3	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
4	DGM	Not available
5	NMEDT	No NMEDT funded block is present nearby the proposed block.

- a) The agency referenced the GSI FS 2024-25 report and informed the committee that 5 BRS samples (along N-S direction), 1 trench (No. 4), 1 PCS are falling within the block area. It further informed the committee that out of 5 BRS samples 4 samples are classified as Aluminous Laterite and one sample as Bauxite. Out of the 8 samples collected from Trench No.4 (8m), all samples are classified as Bauxite for which the SiO₂ values are 4.43% to 4.58% with Al₂O₃ 58.31% to 58.68%, and average values of TiO₂ 3.3%, Cr 569ppm, Ga 71ppm, Sc 13ppm, V 229ppm, and Ni 36ppm. One PCS showing critical mineral values as SiO₂ 7.7%, Al₂O₃ 27.6%, TiO₂ 2.6%, Co 61ppm, Cr 658ppm, Ga 45ppm, Ni 93ppm, V 1081ppm, Y 19ppm, Zr 315ppm and Sc 17ppm.
- b) Considering the above, the committee agreed to recommend the proposal to the PSC for approval. A total of 400 m of drilling in 22 boreholes at 400x400m grid was agreed upon. The borehole locations were positioned 200 m inward from the block boundary. The drilling plan is shown in Annexure 3C. However, the drilling quantum, along with the corresponding sampling and chemical analysis, may be revised during the first review based on the results of geological mapping and sampling.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “Preliminary exploration (G3) for Bauxite, Aluminous Laterite and associated critical minerals in Chapekhol block, District, Sindhudurg, Maharashtra” with an estimated cost of ₹ 121.94/- lakhs (including GST) within time schedule of 12 months for carrying out the proposed work and submission of geological report as per Annexure 3A & 3B. The project will be reviewed after 4 months and 8 months.

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Estimated Cost for Preliminary exploration (G3) for Bauxite, Aluminous Laterite and associated critical minerals in Chapekhol block, District, Sindhudurg, Maharashtra
Block area 6.76 sq. km, Drilling- 400; BH: 22; Schedule Timeline – 12 months, Review after 4 and 8 Month

S. No.	Item of Work	Unit	Rates as per NMEDT SoC 2025-26		Estimated Cost of the Proposal		Remarks
			SoC-Item -Sl. No.	Rates as per SoC	Qty.	Amount (Rs)	
A	GEOLOGICAL WORK						
1	Geological Mapping (1:4000)	per sq.km	1.1	18,300	6.76	123708	
i	Charges for Geologist- Field	day	1.2.1a	14,500	120	1740000	
ii	Charges for one Geologist - HQ	day	1.2.1a	10,500	30	315000	
iii	Labours Charges; Base rate	day	5.8	556	240	133440	
2	Trenching						
	Pitting	cu. m	2.1.2	4725	10	47250	
3	Survey Work						
i	Charges of one qualified surveyor with Total Station for carrying out topographical survey in different RF		1.3.1	10500	30	315000	
ii	Demarcation of lease boundary, Fixation of borehole and determination of co-ordinates & Reduced Level (RL)		1.3.2	24000	28	672000	
iii	Labours for Surve work		5.8	556	120	66720	
iv	Charges for one Sampler per day	Day	1.2.1b	7,850	51	400350	
v	Labours Charges; Base rate	day	5.8	556	204	113424	
	Sub Total A					3926892	
B	DRILLING (in house)						

i	Drilling in / Drilling in Soft rock	m	2.2.1.1c	5,500	400	2200000	Borehole depth to be justified by presence of mineralization. Unnecessary drilling to be avoided.
ii	Land / Crop Compensation	per BH	5.6	30,000	22	660000	as per actual
iii	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2,000	22	44000	
v	Drill Core Preservation: One complete borehole plus mineralised core of all the remaining Bhs	m	5.3	1,590	200	318000	One complete borehole plus mineralised core of all the BHs of the Block / Prospect to be preserved in GI Core boxes and subsequently transported to the notified Core Repository.
vi	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drill Camp, Camp setting and winding, construction of approach road.	Lumpsum	2.2.9			550000	For Drilling cost less than 50 lakhs 25% of the Drilling Cost
Sub Total- B						37,72,000.00	
C	LABORATORY STUDIES						
1	Chemical Analysis						
i	Major oxides (WD XRF)- (oxides+traces-24 elements)	per sample	4.1.17a	4,200	250	1050000	
	Check sample (10% External)	per sample	4.1.17a	4,200	25	105000	
ii	ICPMS for Trace elements						
	Analysis of one rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element by ICP-MS (sequential technique)	per sample	4.1.15	7,400	50	370000	
	External Check (10%)	per sample	4.1.15	7,400	5	37000	

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	Determination of Trihydrate Alumina (THA-140° C)	per sample	4.1.19b	5,000	22	110000	
	Determination of Reactive Silica	per sample	4.1.19d	5,000	22	110000	
	Combined determination of Trihydrate Alumina (THA-140° C), Monohydrate Alumina (MHA-240° C) & Reactive Silica	per sample	4.1.19a	7,500	22	165000	
	Available Alumina (TAA)	per sample	4.1.19f	5,000	22	110000	
2	Physical & Petrological Studies						
i	Preparation of thin section Preparation of polished thin section of rock/ wafer	per sample	4.3.2	800	10	8000	
ii	Complete petrographic study report	per sample	4.3.4	2,800	10	28000	
iii	XRD analysis for identification of minerals (Random)	per sample	4.5.2	4,000	10	40000	
iv	Bulk density	per sample	4.8.3	2,500	10	25000	
	Sub Total C					2158000	
				Total A-C		98,56,892.00	
D	Geological Report Preparation		5.2.iii	Total cost exceeding ₹50 lakh but less than 150 lakhs: ₹2.5 lakh		2,50,000.00	
E	Peer review Charges		As per EC decision			30000	
F	Preparation of Exploration Proposal (soft copy)	as per EC	5.1	2% of the Cost or Rs. 5 Lakhs whichever is lower		1,97,138	

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G	Total Estimated Cost without GST	1,03,34,029.84	
H	Provision for GST (18%)	18,60,125.37	
I	Total Estimated Cost with GST	1,21,94,155	
	In Lakhs (₹)	121.94	
Note			
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.		
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.		
3	If any part of the project is outsourced, the amount will be reimbursed as per Item no. 6 of NMEDT SoC. In case of execution of the project by NEA on its own, a Certificate regarding non outsourcing of any component/project is required.		
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.		
5	Any item of work not mentioned above shall be added as per SoC.		
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.		

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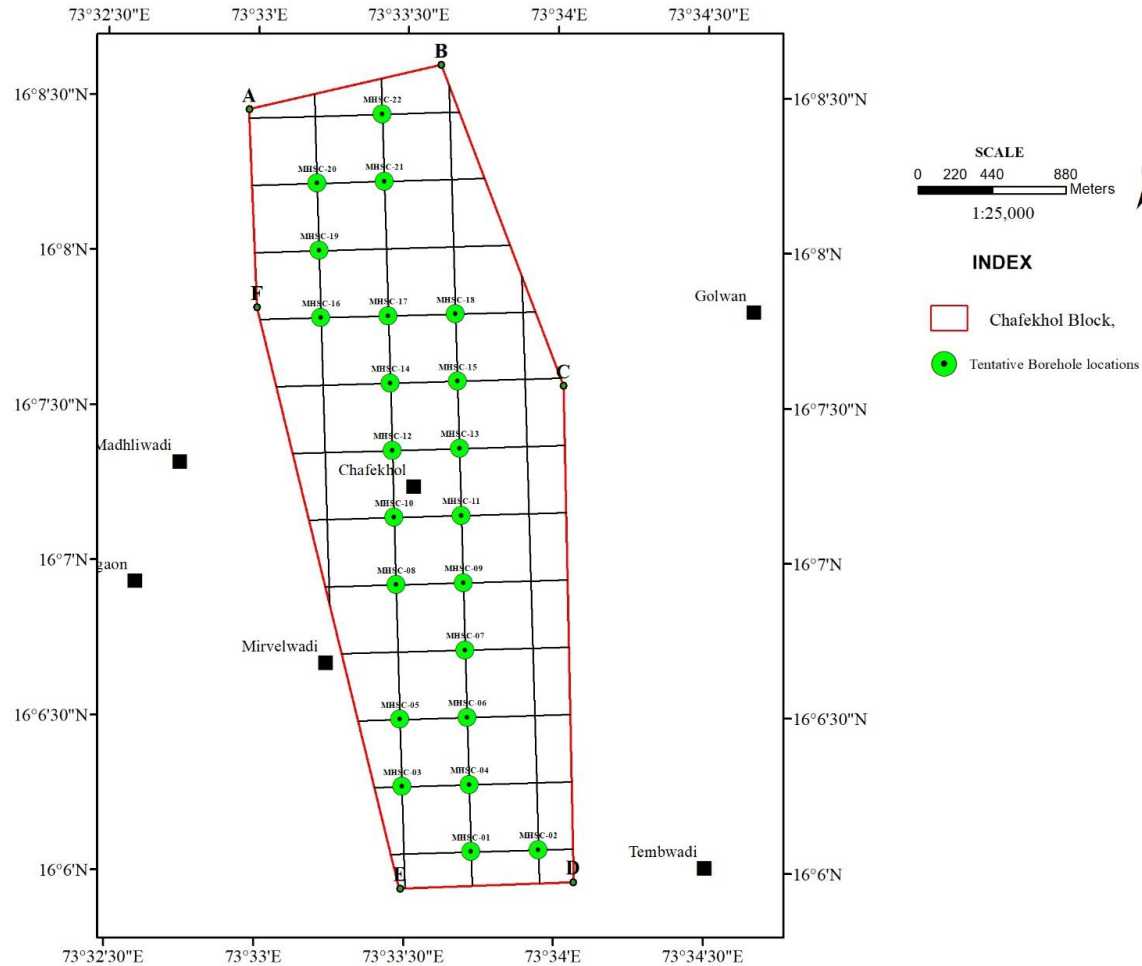
Annexure 3B

Timeline for Preliminary exploration (G3) for Bauxite, Aluminous Laterite and associated critical minerals in Chapekhol block, District, Sindhudurg, Maharashtra; Drilling- 400 m; BH: 22;

Sl. No.	Particulars	Month-1	Month-2	Month-3	Month-4		Month-5	Month-6	Month-7	Month-8		Month-9	Month-10	Month-11	Month-12
1	Camp Setting/ mobilization					Review					Review				
2	Geological Mapping														
3	Pitting/ Trenching														
4	BRS/Pitting/ Trenching Sample Preparation														
5	Sample analysis														
6	Block Boundary Demarcation														
7	Drilling (1 rig)														
8	Sample Preparation														
9	Petrographic study														
10	Laboratory Studies														
11	Report Preparation														

Annexure 3C

Drilling plan for Preliminary exploration (G3) for Bauxite, Aluminous Laterite and associated critical minerals in Chafekhol block, District, Sindhudurg, Maharashtra



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Agenda 33.1.6 Preliminary exploration (G3) for Aluminous Laterite, Titanium, Vanadium and associated minerals in Hasali block, District, Sangareddy Telangana

ID: ME/IND/G3/TG/P/26-27/017

Area: 3.8 sq. km

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

- a) The proposed block of 3.8 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 56G/9, in parts of Sangareddy District, Telangana.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	The Hasali Block (G3-stage) proposed by the M/s. GMMCO TECHNOLOGY SERVICES LTD (GTS) falls in the area of Naimatabad block (G4 stage) carried out by SU: Telangana, GSI in FS 2024-25 and shows encouraging values for associated critical minerals like Vanadium and titanium in the aluminous laterite. The Al_2O_3 values recorded during G4 investigation carried out by SU: Telangana vary between 10.99% and 45.51%, vanadium between 106 ppm to 2363 ppm, and TiO_2 between 0.87% and 5.89%. Therefore, it is feasible to take up further exploration in the proposed Hasali block by the M/s. GMMCO TECHNOLOGY SERVICES LTD (GTS).
2	MECL	No overlapping with the ongoing or completed blocks of MECL.
3	AMD	There is no ongoing exploration / reconnaissance project.
4	DGM	As per available information, during 2024 Majji et. al carried-out reconnaissance for aluminous laterite in the Naimatabad area. Yes, systematic G-3 stage investigation is justified to establish the reserve/resource in accordance with UNFC classification. At present there are no existing mining/quarry leases in the proposed area.
5	NMEDT	There is no overlapping with the NMEDT Funded projects.

- a) The committee had accorded in-principle approval to the project in 32nd TCC-II meeting and advised the agency to submit the DPR.
- b) The agency informed that during G4 stage Large Scale Mapping (1:12,500 scale) in the Naimatabad block, four potential zones were delineated, namely Mamadgi Sector, Shamshallapur Sector, Rukmapur Sector and Yalgul Sector within aluminous laterite and recommended for detailed investigation by GSI. Total 160 laterite samples were analysed from the Naimatabad block, which revealed Al_2O_3 values ranging from 10.99% to 45.51% (avg. 24.25%), TiO_2 from 0.87% to 5.89% (avg. 2.34%), and Fe_2O_3 from 7.86% to 53.30% (avg. 24.59%). Trace element concentrations show significant enrichment, with V ranging from 106 to 2363 ppm (avg. 589.53 ppm), Sc from 7 to 138 ppm (avg. 50.56 ppm) and Ga from 16 to 49 ppm (avg. 33.91 ppm). The proposed G3

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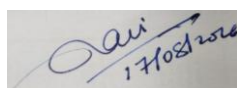
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block falls within the Mamadgi Sector where recorded Al_2O_3 values range from 13.23% to 45.51% (Average 31.66%), V values from 317 to 1543 ppm (Average 587 ppm), Sc values from 36 to 95 ppm and TiO_2 from 1.77 to 4.23%.

- c) Considering the above, the Committee agreed to recommend the proposal to the PSC for approval. A total of 270 m of drilling in 9 boreholes (30 m each) was agreed upon at 600m x 600m grid interval. The borehole locations were positioned 400 m inward from the block boundary. The drilling plan is shown in Annexure 4C. However, the drilling quantum, along with the corresponding sampling and chemical analysis, may be revised during the first review based on the results of geological mapping and sampling.

Recommendations of TCC-II

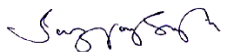
The Committee recommended the proposal for approval of PSC for “Preliminary Exploration (G3) for Aluminous Laterite, Titanium, Vanadium and Associated Critical Minerals in Hasalli block, District, Sangareddy, Telangana” with an estimated cost of ₹ 87.10/- lakhs (including GST) within time schedule of 12 months for carrying out the proposed work and submission of geological report as per Annexure – 4A & 4B. The project will be reviewed after 4 and 8 months.



**Estimated cost for Preliminary Exploration (G3) for Aluminous Laterite, Titanium, Vanadium and Associated Critical Minerals in Hasalli block,
District, Sangareddy, Telangana.**

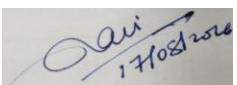
Area- 3.8 sq.km, Drilling: 270 m; BH: 9 BHs (30m each); Timeline:12 months, Review After 4 and 8 months

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						
i	Geological mapping, (1:4000 scale)	Sq.km	1.1	18,300	3.8	69,540	
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	29	2,27,650	
vi	Labours Charges; Bedrock, Core sampling and preparation of sample	Per day	5.8	556	116	64,496	
	Sub Total - A					25,50,126	
B	Survey Work						
i	DGPS Survey for BH fixation & RL determination (9 BH plus 4 Boundary points)	Per Point of observation	1.3.2	24000	13	3,12,000	





ii	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.	Per day	1.3.1	10500	30	3,15,000	
iii	Labours Charges for survey work		5.8	556	120	66,720	
	Sub Total - B					6,93,720	
C	Pitting/Trenching						
i	Pitting	per cu.m	2.1.2	4725	10	47,250	
	Sub Total – C					47,250	
D	Drilling (Inhouse)						
i	Drilling (Inhouse)	per m	2.2.1.1c	5,500	270	14,85,000	Borehole depth to be 30 m only when justified by presence of mineralization. Unnecessary drilling to be avoided.
ii	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	30,000	9	2,70,000	
iii	Construction of concrete Pillar (12"x12"x30")	Per borehole	2.2.7	2,000	9	18,000	
iv	Borehole plugging by cement	Lum sum per borehole	2.2.8	10,000	9	90,000	
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		3,71,250	


vi	Core Preservation	m	5.3	1590	150	2,38,500	
	Sub Total – D					24,72,750	
E	LABORATORY STUDIES						
	Chemical Analysis						
a	Major oxides (WD XRF)- (oxides+ traces -24 elements)	Per Sample	4.1.17a	4,200	200	8,40,000	
b	External Check (10%)	Per Sample	4.1.17a	4,200	20	84,000	
c	Analysis of one rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element(U,Ta,Ge,Be,Sn,As,Rb,Th,Ga) by ICP-MS(sequential technique)	Per Sample	4.1.15	7,400	30	2,22,000	
d	External Check (10%)	Per Sample	4.1.15	7,400	3	22,200	
	Physical & Petrological Studies						
a	Preparation of polished thin section	Per Sample	4.3.2	800	5	4,000	
b	Study of polished thin section	Per Sample	4.3.4	2800	5	14,000	
c	Bulk Density	Per Sample	4.8.3	2500	5	12,500	
	Sub Total - E					11,98,700	
	Total A to E					69,62,546	
D	Geological Report Preparation	soft copy	5.2			2,50,000	
E	Peer review Charges	As per EC decision				30,000	
F	Preparation of Exploration Proposal (5 Hard copies with a soft copy)	soft copy	5.1	2% of the Cost or Rs. 5.0 Lakhs whichever is less		1,39,251	
G	Total Estimated Cost without GST					73,81,797	
H	Provision for GST (18%)					13,28,723	
I	Total Estimated Cost with GST					87,10,520	
Say Rs. In Lakhs						87.10	
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 Item no. 6 of NMEDT SoC. In case of execution of the project by NEA on its own, a Certificate regarding non outsourcing of any component/project is required.
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.
5	Any item of work not mentioned above shall be added as per SoC.
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.

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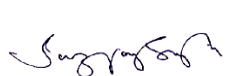
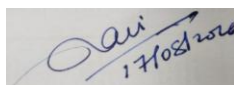
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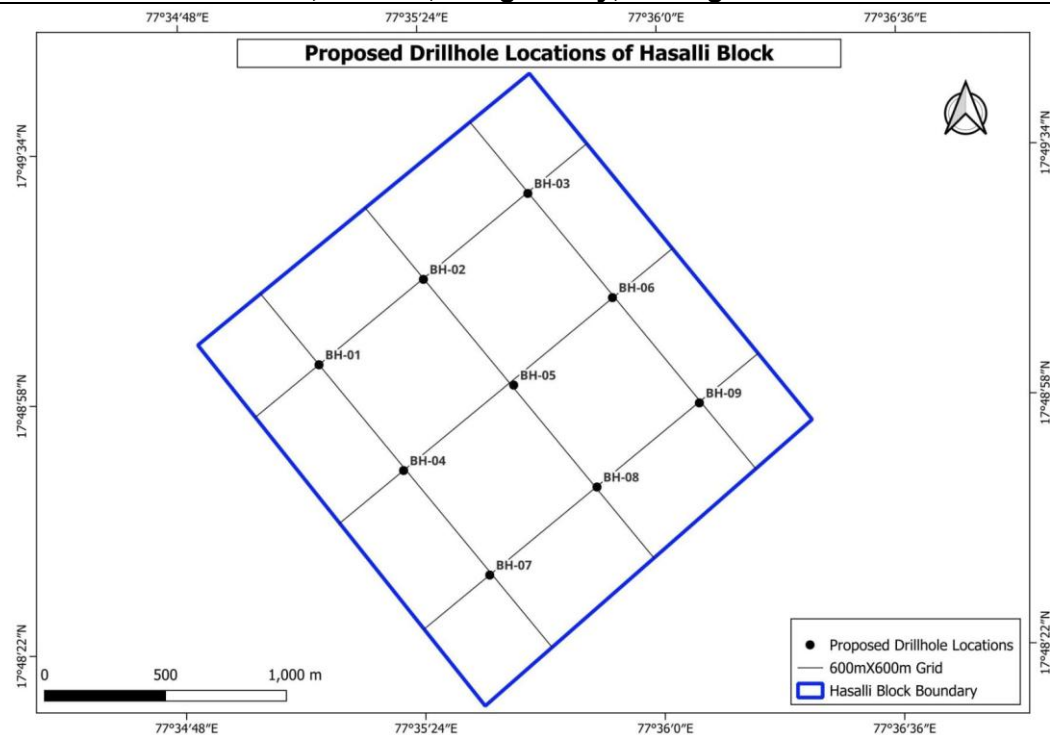
Annexure 4B

Cost estimate for Preliminary Exploration (G3) for Aluminous Laterite, Titanium, Vanadium and Associated Critical Minerals in Hasalli block, District, Sangareddy, Telangana. Area- 3.8 sq.km, Drilling: 270 m; 9 BHs (30m each);

S. No	Activity	Unit	Months														
			1	2	3	4	Review-1	5	6	7	8	Review-2	9	10	11	12	
1	Camp Establishment	Months															
2	Geological mapping	Months															
3	Pitting	Months															
4	DGPS Survey (Boundary points, Drill collars & Topography)	Months															
5	Drilling	Months															
6	Core logging & sampling	Months															
7	Sampling analysis (BRS, Pit & Drill core samples) including WD-XRF and ICP-MS analysis	Months															
8	Laboratory analysis (Petrography & Bulk Density)	Months															
9	Camp winding	Months															
10	Report preparation and submission	Months															


Drilling plan for Preliminary Exploration (G3) for Aluminous Laterite, Titanium, Vanadium and Associated Critical Minerals in Hasalli block, District, Sangareddy, Telangana



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Agenda 34.1.7 Preliminary exploration (G3) for Gold and associated mineralization in Javakula E block, District, Sri Sathya Sai, Andhra Pradesh

ID: ME/DD/G3/AP/26-27/091

Area: 9.94 sq. km

[Implementing Agency: M/s GeoExpOre Pvt Ltd]

- a) The proposed block of 9.94 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 57/J08, in parts of District, Sri Sathya Sai, Andhra Pradesh.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	The proposed NPEA block falls within the ongoing RMT project (Regional mineral targeting for gold, copper, rare-earth & rare-metal mineralization in and around Veligallu Schist Belt of Eastern Dharwar Craton in Sri Sathya Sai, Y.S.R and Annamayya districts, Andhra Pradesh is in progress for FS 2026-27.) of GSI. As per information available from the DMG and local authorities, the block is traversed by high-tension transmission lines, contains a central check dam, and includes a 1500 MW solar power grid with its administrative office in the southeastern part. Therefore, the proposed area may not be considered feasible.
2	MECL	No overlapping with the ongoing or completed blocks of MECL.
3	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously.
4	DGM	In the reference 1st cited, the Department of Mines and Geology issued Expression of Interest (EOI) for selection of Notified Private Exploration Agencies (NPEAs) to undertake detailed Gold exploration up to G2 level for six (06) Javakula Gold Blocks (Blocks A to F), each measuring approximately 1000 hectares, situated in Sri Satya Sai District, Andhra Pradesh. 2. The Technical Evaluation Committee Meeting was convened on 24.04.2026 to examine the proposals submitted by the agencies and after detailed scrutiny of applications received against the prescribed eligibility and selection criteria, has unanimously recommended M/s Geo Expore Pvt. Ltd. for undertaking detailed Gold exploration (G4 to G2 level) of Javakula Gold Block E. The said recommendation has been accepted by the Competent Authority. 3. Accordingly, the selected agency is hereby informed that Javakula Gold Block E (approximately 1000 hectares, Sri Satya Sai District, Andhra Pradesh) is assigned to M/s Geo Expore Pvt. Ltd. for undertaking detailed gold exploration up to G2 level, subject to compliance with the

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		conditions stipulated in this letter and such further directions as may be issued by this Directorate and NMEDT from time to time.
5	NMEDT	The proposed block encloses check dam, part of solar power station, 220 kV substation, Nambula Pulakunta town. There is no overlapping with the NMEDT Funded projects as per NGDR Portal

- a) The Committee did not recommend the proposal, as the proposed area overlaps with the ongoing Regional Mineral Targeting (RMT) project of GSI. The committee opined that the primary objective of RMT work is to identify potential G4/G3 area/blocks for further detailed exploration. Therefore, undertaking G3 stage exploration at this stage will result in duplication of work. Further, the proposed G3 block is too large for commodities such as Au & base metals (BM).

Recommendations of TCC-II

The Committee did not recommend the proposal as the proposed area overlaps with the on-going RMT block of GSI.

Agenda 34.1.8 Preliminary exploration (G3) for Bauxite in Sokrahatu block, District, Gumla, Jharkhand

ID: ME/DD/G3/JH/26-27/166

Area: 6.71 sq. km

[Implementing Agency: M/s GEMS Project Pvt Ltd]

- a) The proposed block of 6.71 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet nos. 73A/08 in parts of District, Gumla, Jharkhand.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	This area has been investigated through G-4 by GSI in 1971-72 for the commodity of bauxite. Within this block of G-4, a G-3 block named as SUKRAHATU-KOENATOLI PLATEAU was explored by GSI in 1971-72 for the commodity of bauxite. Tentative probable reserve of bauxite of all grades has been estimated at 1.45 million tonnes (MT) with about 46% Al ₂ O ₃ up to a depth of 6.00 m.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodities mentioned
3	MECL	No overlapping with the ongoing or completed blocks.
4	DGM	Earlier no reconnaissance exploration work has been carried out by the DGM. At present DGM is not conducting any exploration reconnaissance projects related to Bauxite and associated minerals in the proposed area.

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5	NMEDT	No overlap with NMEDT funded blocks. The area has 80-90% percent recorded forest area.
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- c) This proposal was discussed in 32nd TCC-II meeting where the agency was advised to substantiate the observations of the GSI report and obtain first-hand geological information, a field investigation was carried out by the geological team of Gems Projects Pvt. Ltd. during 9–10 April 2026. The area was found to be predominantly covered by laterite, with bauxite exposures observed at selected locations. Total 9 representative laterite and bauxite samples were collected and analysed for alumina content to assess their mineral potential. The value of Al₂O₃ ranges from 32.88% to 43.07% in the analysed samples.
- d) The committee advised the agency to modify the area considering the RL contours above 800 m, considering only plateau area, including the area already explored by GSI in 1969-70 and excluding the valley parts and non-bauxitic parts of the proposed area. Further the committee advised the agency to make a borehole plan accordingly. The Committee also advised that the area to be delineated based on the occurrences of bauxitic caps/lenses above the 800 m contour (MSL). The outcomes of the earlier GSI exploration work carried out during 1971-72 should also be indicated. Boreholes may be positioned at 400 m grid intervals, preferably in the central part of the identified bauxitic caps/lenses.
- e) The agency adhered to the committee suggestions and modified the area from the earlier 14 sq. km to 6.71 sq. km, which was subsequently presented before the committee. The agency presented the modified block area as suggested by the Committee and revised the borehole plan with 14 boreholes in 400m grid spacing.
- f) The Committee agreed to recommend the proposal to the PSC for approval. A total of 350 m of drilling in 14 boreholes was agreed upon at grid interval of 400m x 400m due to bouldery, erratic and pocket nature of the deposit. The borehole locations were positioned 200 m inward from the block boundary. The drilling plan is shown in Annexure 5C. The drilling quantum, along with the corresponding sampling and chemical analysis, may be revised during the first review based on the results of geological mapping and sampling.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “Preliminary exploration (G3) for Bauxite in Sokrahatu block, District, Gumla, Jharkhand” with an estimated cost of ₹ 109.87/- lakhs (including GST) within time schedule of 12 months for carrying out the proposed work and submission of geological report as per Annexure – 5A & 5B. The project will be reviewed after 4 months and 8 months

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ANNEXURE - 5A

Preliminary exploration (G3) for Bauxite in Sokrahatu block, District, Gumla, Jharkhand
Area :6.71 sq. km, BH: 14, Drilling- 350m; Schedule timeline- 12months Review After: 4 and 8 months

S. No.	Item of Work *	Unit *	Rates as per NMET SoC 2025-26		Estimated Cost of the Proposal		Remarks
			SoC-Item No. *	Rates as per SoC * (a)	Qty. (b)	Total Amount (Rs) (a*b)	
A	Geological Mapping Other Geological Work & Surveying						
a	Geological mapping, (1:4,000 scale) & Trenching, drilling work	per sq. km	1.1	18,300	6.71	1,22,793	
b	a. Charges for Geologist per day (Field) for geological mapping & trenching work, drilling work (02 Geologist)	day	1.2. 1a	14,500	120.00	17,40,000	
c	b. Labours Charges; Base rate	day	5.8	556	240.00	1,33,440	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
d	c. Charges for Geologist per day (HQ)	day	1.2.1a	10,500	30.00	3,15,000	
e	d. Charges for one Sampler per day (1 Party)	day	1.2.1b	7,850	28.00	2,19,800	
f	e. Labours Charges; Base rate	day	5.8	556	112.00	62,272	
	Sub Total- A					25,93,305	
B	Survey work						
a	DGPS Survey for BH fixation & RL determination	Per Point of observation	1.3.2	24,000	28.00	672000	14 Block Boundaries and 14 Bore Holes

b	Charges of Surveyor (1 party) for Geophysical survey layout work & Block boundary demarcation	one surveyor per day	1.3.1	10,500	45.00	472500	
c	Labours Charges for survey work;	day	5.8	556	180.00	100080	
	Sub-Total B					12,44,580	
C	Pitting						
	a) Excavation of Pits	per cu.m	2.1.2	4,725	150.00	708750	
	Sub-Total C					708750	
D	DRILLING (In House)						
a	Drilling up to 300m (Soft Rock)	m	2.2.1.1c	5,500	350.00	19,25,000	14X25m each; Borehole depth to be 25 m only when justified by presence of mineralization. Unnecessary drilling to be avoided.
b	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	30,000	14.00	4,20,000	
c	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2,000	14.00	28,000	14 Bore Holes
d	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drill Camp, Camp setting and winding, construction of Approach Road)	lumpsum	2.2.9			4,81,250	25% of Drilling cost.
e	Borehole plugging by cement	lumpsum per borehole	2.2.8	10,000	14.00	1,40,000	
f	Drill core preservation	Per m	5.3	1,590	175.00	2,78,250	
	Sub Total D					32,72,500	
E	LABORATORY STUDIES						
a	Chemical Analysis						

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i)	Major oxides (WD XRF)- (oxides+traces -24 elements)	Per Sample	4.1.17a	4,200	200.00	8,40,000	150 CS +50 PS
ii)	Check samples (10% External)	Per Sample	4.1.17a	4,200	20.00	84,000	
iii)	Reactive Silica	Nos	4.1.19d	5,000	5.00	25,000.00	
b	Physical & Petrological Studies						
i	Preparation of thin section	Nos	4.3.1	500	10.00	5,000	
ii	Study of thin section	Nos	4.3.4	2,800	10.00	28,000	
viii	Bulk Density	Nos	4.8.3	2,500	5.00	12,500	
xi	XRD Studies	Nos	4.5.2	4,000	10.00	40,000	
	Sub Total E					10,34,500	
F	Total A to E					88,53,635	
G	Geological Report Preparation	soft copy	5.2	5.2 (ii)		2,50,000	Reimbursement will be made after submission of the final Geological Report in soft copy to NMEDT.
H	Peer review Charges		As per EC decision			30,000	
I	Preparation of Exploration Proposal (soft copy)	soft copy	5.1	2% of the Cost or Rs. 5.0 Lakhs whichever is less		1,77,073	EA will be reimbursed after submission of 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.
J	Total Estimated Cost without GST					93,10,708	
K	Provision for GST (18%)					16,75,927.39	GST will be reimbursed as per actual and as per notified prescribed rate
L	Total Estimated Cost with GST					1,09,86,635	
				or Say Rs. In Lakhs		109.87	
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 Item no. 6 of NMEDT SoC. In case of execution of the project by NEA on its own, a Certificate regarding non outsourcing of any component/project is required.
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.
5	Any item of work not mentioned above shall be added as per SoC.
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.

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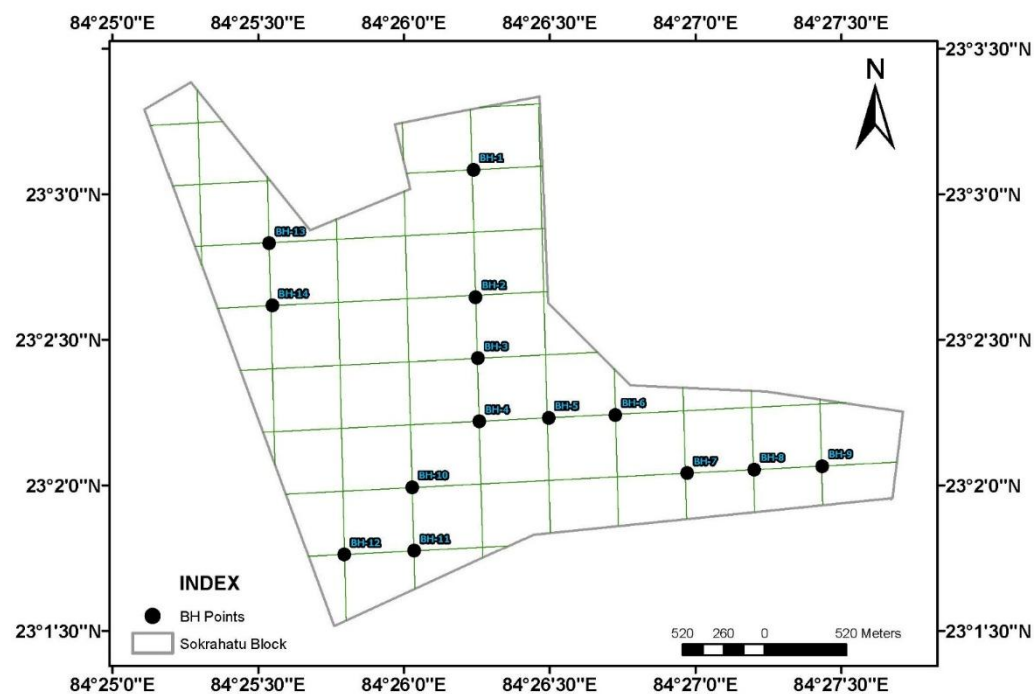
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Annexure 5B														
Timeline for Preliminary exploration (G3) for Bauxite in Sokrahatu block, District, Gumla, Jharkhand Area :6.71 sq. km, BH: 14, Drilling- 350m;														
Item of work	Months													
	1	2	3	4		5	6	7	8		9	10	11	12
1. Camp Setting/Mobilization					REVIEW					REVIEW				
2. Geologist Days (Field)(Mapping)														
3. Pitting/Trenching														
4. Survey Days (01 party)														
5. Drilling														
6. Sampling Days														
7. Laboratory Studies														
8. Camp winding														
9. Geologist Days, HQ														
10. Preparation of Geological report														
11. Peer review & Report Final Submission														

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Drilling plan for Preliminary exploration (G3) for Bauxite in Sokrahatu block, District, Gumla, Jharkhand

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**Agenda 34.1.9 Reconnaissance survey (G4) for REE and RM in Pindari area,
District, Sonbhadra, Uttar Pradesh.**

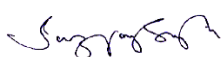
ID: ME/DD/G4/UP/MECL/26-27/007

Area: 138 sq. km

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

- a) The proposed area of 138 sq. km area for reconnaissance survey(G4), falls in Survey of India Toposheet no. 63L16 & 64I13, in parts of District, Sonbhadra, Uttar Pradesh.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	In this regard, it is submitted that the proposed PINDARI BLOCK is almost overlaying on the proposed block of GSI under FSP ID: M2ASMIF-MEP/NR/SU-UP/2026/198271, titled Reconnaissance survey for REE and RM mineralization in Majharitola-Jaraha area, Sonbhadra District, Uttar Pradesh. (G-4) which is presently kept on hold during FS 2026-27 and shall be taken up during FS 2027-28. The remaining southern part, exploration is being carried out under FSP ID: M2ASMIF-MEP// NR/SU-UP/ 2026/ 198428 entitled Reconnaissance survey for REE and RM mineralization in Mahuli-Nemana area, Sonbhadra District of Uttar Pradesh and Surguja District of Chhattisgarhi (G-4) during FS: 2026-27.
2	AMD	AMD has carried out G4/G3 stages of exploration in the proposed block for atomic minerals. Significant surface radioactive zones were delineated with avg. 0.033% U3O8 (dimension 2,200m x 8m) areas. The proposed block overlaps with the AMD's ongoing detailed radiometric surveys and subsurface exploration in Naktu, Kudar, Satbahni, Anjangira and Dighul areas (map enclosed). Uranium mineralisation up to (0.051%eU3O8) delineated over 3 km x 600m in Kudar and other adjacent blocks. 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	DGM	There are no any past Reconnaissance/Exploration works carried out by DGM in the proposed area. There are no any ongoing exploration/reconnaissance projects. No, past baseline/exploration data. No any Composite License or Mining Lease is sanction in the proposed area, but 01 Minor mineral lease of Building stone is proposed for Mining Lease of area (4.8880 Ha) as per reply received from district officer Latitude and Longitude. It is also informed you that AMD is working in same area as per AMCR Gazette notification.
4	NMEDT	Some Portion of Proposed area shows overlapping with ongoing project of GSI_G4_FS_26-27 (Reconnaissance survey for REE and RM mineralisation in Mahuli-Nemana area, Sonbhadra district of







		UP) as per NGDR portal. Proposed area show overlapping with ongoing project of GSI_RMT_FS_26-27 (RMT to search mineral potential in Proterozoic CGC) as per NGDR portal. Proposed area does not fall in ESA & ESZ. Proposed area (100%) fall in RFA. No overlap with NMEDT funded exploration project.
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- c) The Committee observed that the proposed area has an overlap with the GSI G4 blocks of FS 2026-27. The proposed block also overlaps with AMD's ongoing detailed radiometric surveys and subsurface exploration in Naktu, Kudar, Satbahni, Anjangira and Dighul areas. Further, DGM, Uttar Pradesh informed that AMD is working in same area per AMCR Gazette notification.

- d) Considering the above, the Committee did not agree to recommend the proposal.

Recommendations of TCC-II

The Committee did not recommend the proposal due to overlap of the proposed block with the ongoing detailed radiometric survey area of AMD.

Agenda 34.1.10 Reconnaissance survey (G4) for REE and associated minerals in Hatibahal area., District, Sambalpur and Angul, Odisha.

ID:ME/DD/G4/OD/MECL/26-27/011

Area: 171.37 sq. km

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

- a) The proposed block of 171.37 sq. km area for reconnaissance survey(G4), falls in Survey of India Toposheet no. 73C/8, 73D/5, in parts of District, Sambalpur and Angul, Odisha.
- 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 bedrock samples were 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 Composite License or Mining Lease, either for major or minor minerals, exists within the proposed block. In view of the above observations, the proposed block may be considered after modification of the block boundary. The proposed block is overlapping with an approved G4 REE exploration block of M/s My World Consultancy, Odisha.

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2		AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3		DGM	The part of the area has been covered by DoMG during F.S 1992-95. The area is covered by geological mapping on 1:25000 scale and granite gneiss, quartzite, khondalite, pyroxene granulite and pegmatoids have been encountered within the covered area. Part of the area in the northern side is overlapping with Dalki-Kusumkhola proposed block of MECL and Redhakhol block of M/s WCS.
4		NMEDT	The proposed Hatibahal Block (G4) submitted by MECL overlaps with the NMEDT-funded Redhakhol Block (G4), which was awarded to M/S World Consultancy Services and approved during the 10th PSC.

- The committee observed an overlap of the proposed area with an ongoing NMEDT-funded Radhakhol block in the northern part. The committee advised the agency to exclude the overlapped part, modify the proposed area to about 100 sq. km after considering the adjacent exploration works.
- The committee did not recommend the proposal for the approval of PSC due to overlap with NMEDT funded ongoing project Radhakhol Block (G4). It further advice the agency to resubmit a fresh proposal after exclusion of the overlapped area.

Recommendations of TCC-II

The Committee did not agree to recommend the proposal due to overlap of the proposed area with NMEDT funded ongoing project Radhakhol Block (G4) of M/S World Consultancy Services.

It further advised the agency to submit a fresh proposal after exclusion of the overlapped area.

Agenda 34.1.11 Preliminary exploration (G3) for Graphite in Ranki Kalan block, District, Latehar, Jharkhand

ID: ME/DD/G3/JH/26-27/105

Area: 2.1 sq. km

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

- The proposed block of 2.1 sq. km area for Preliminary exploration (G3) falls in Survey of India Toposheet no. 73A/05 in parts of District, Latehar, Jharkhand.
- The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	Ranki Kalan block proposed by BMRC Geomining Solutions Pvt. Ltd. has been delineated as the part of G4 programme taken by

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		GSI Ranchi entitled "Reconnaissance survey for graphite in Chhotanagpur Gneissic Complex Parsahi, Satbarwa and Ranki Kalan in Latehar District, Jharkhand" (STAGE: G-4) during FS 2019-20. The block lies to the southern boundary of T. S. No. 73A/05. GSI has nearly developed all G4 blocks to G3/G2 stage in the northern part of the Toposheet which includes Karma, Adhamniya, Budhiyabagi, Mandhaniya, Suiri, Charwadih etc and has proposed Dodang G3 block for the FS 2027-28. As the proposed Ranki Kalan block lies within the G4 block implemented by the GSI, Ranchi, it would be very keen to take up investigation at G3 stage for this block in forthcoming Field Seasons. So, this cannot be spared for investigation.
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 from the area analysed up to 0.18% U₃O₈ and 0.28% ThO₂. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the said commodities mentioned. In view of known potentiality for uranium in the area, analysis of uranium may also be included in the analysis list.
3	MECL	No overlap
4	DGM	Not available
5	NMEDT	The nearest Palamau Tiger Reserve is located approximately 450 m away from the proposed block. ESZ overlaps. 80 m away from Aurang River. The proposed block overlaps with the ESZ zone in the southern side. Proposed block overlaps with Exploration block of GSI_G4_FS_2019-2020 (Reconnaissance survey for Graphite in CGC Parsahi, Satbarwa and Ranki Kalan in Latehar District) as per NGDR.

- c) The committee observed the overlap of the proposed block with ESZ and also the proximity of Palamau Tiger Reserve at approximately 450 m. Based on these observations the committee did not recommend the proposal in the current form and advise the agency to submit a fresh proposal after revision of the area by excluding the overlapped part and maintaining the proximity of the block at least 1 km away from the Palamau Tiger reserve.
- d) The committee further advised the agency to consider the geological potentiality of the of the modified area in revised proposal by consulting the available exploration information for the adjacent area for G3 exploration proposal. The

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modified block should be geologically prospective and restricted to an area of 1.5–2.0 sq. km.

Recommendations of TCC-II

The Committee did not agree to recommend the proposal due to the overlap of the proposed area with the Eco-Sensitive Zone (ESZ) and the presence of a Tiger Reserve in the vicinity.

Agenda 34.1.12 Preliminary exploration (G3) for Base Metals in Berma block, District, Palamu, Jharkhand.

ID: ME/DD/G3/JH/26-27/101.

Area- 3.43 sq. km.

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

- The proposed block of 3.43 sq. km area for Preliminary exploration (G3) falls in Survey of India Toposheet no. 64M/13 in parts of District, Palamu, Jharkhand.
- The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	Berma block proposed by BMRC Geomining Solutions Pvt. Ltd. has been delineated as part of the G4 programme taken by GSI Ranchi entitled "REPORT ON RECONNAISSANCE SURVEY FOR TUNGSTEN AND ASSOCIATED MINERALS IN AND AROUND SALATUA-KACHAN AREA, PALAMAU DISTRICT, JHARKHAND. (STAGE: G4) during FS 2020-21. As the proposed Berma block lies within the G4 block implemented by the GSI, Ranchi, it would be very keen to take up investigation at the G3 stage for this block in the forthcoming Field Seasons. So, this cannot be spared for investigation by the other agencies. The proposed block completely overlaps with GSI proposal Harhi Pahar-Banderchuwan G3 block for Basemetal_FS 2027-28.
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 mineralization has been observed. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the said commodities mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	Proposed G3 block overlaps with Exploration block of GSI_G4_FS_2020-2021 (Reconnaissance Survey for Tungsten and associated minerals in and around Salatua-Kachan area, Palamau District) as per NGDR. Proposed G3 block overlaps with Exploration block of GSI_G4_FS_2020-2021 (Reconnaissance Survey for Tungsten

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		and associated minerals in and around Salatua-Kachan area, Palamau District) as per NGDR.
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- c) The Committee observed that the proposed block shows complete overlap with GSI G3 block for FS 2027-28.
- d) The Committee did not agree to recommend the proposal due to complete overlap with GSI block for FSP 2027-28 for basemetal.

Recommendations of TCC-II

The Committee did not agree to recommend the proposal due to complete overlap with GSI block for FSP 2027-28 for basemetal.

Agenda 34.1.13 Preliminary exploration (G3) for Base Metals in Nawadih block, District, Palamu, Jharkhand.

ID: ME/DD/G3/JH/26-27/100

Area: 2.81 sq. km

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

- a) The proposed block of 2.81 sq. km area Preliminary exploration (G3) falls in Survey of India Toposheet no. 64M/13 in parts of District, Palamu, Jharkhand.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	Nawadih block proposed by BMRC Geomining Solutions Pvt. Ltd. has been delineated as part of the G4 programme taken by GSI Ranchi entitled "REPORT ON RECONNAISSANCE SURVEY FOR TUNGSTEN AND ASSOCIATED MINERALS IN AND AROUND SALATUA-KACHAN AREA, PALAMAU DISTRICT, JHARKHAND. (STAGE: G4) during FS 2020-21. As the proposed Nawadih block lies within the G4 block implemented by the GSI, Ranchi, it would be very keen to take up investigation at the G3 stage for this block in the forthcoming Field Seasons. So, this cannot be spared for investigation by the other agencies. The proposed block completely overlaps with GSI Proposed Jharangna G3 block for Basemetal FS 2027-28.
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 0.35% U ₃ O ₈ (n = 2) from the area. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the said commodities mentioned. In view of known potentiality for uranium in the area, analysis of uranium may also be included in the analysis list.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	

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5	NMEDT	Proposed G3 block overlaps with Exploration block of GSI_G4_FS_2020-2021 (Reconnaissance Survey for Tungsten and associated minerals in and around Salatua-Kachan area, Palamau District) as per NGDR.
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- The Committee observed that the proposed block shows complete overlap with GSI G3 block for FS 2027-28.
- The Committee did not agree to recommend the proposal due to complete overlap with GSI block for FSP 2027-28 for basemetal.

Recommendations of TCC-II

The Committee did not agree to recommend the proposal due to complete overlap with GSI block for FSP 2027-28 for basemetal.

Agenda 34.1.14 Preliminary exploration (G3) for Base Metal in Rani-Talab block, District, Rajnandgaon, Chhattisgarh

ID: ME/DD/G3/CT/26-27/113

Area: 3.70 sq. km

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

- The proposed block of 3.70 sq. km area Preliminary exploration (G3) falls in Survey of India Toposheet no. 64M/13 in parts of District, Rajnandgaon, Chhattisgarh
- The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	There is 100% overlap with GSI previous work in FS 2022-23, titled Reconnaissance survey for base metals in Chirchari Musuljob area, Rajnandgaon district, Chhattisgarh. More than 30% overlap with geophysical investigations for lead and zinc ore in the Chandidongri and adjoining areas, drug district, Madhya Pradesh
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 mineralization has been established. Grab samples (n=12) analysed up to 0.038% U ₃ O ₈ from the area. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the said commodities mentioned. In view of known potentiality for uranium in the area, analysis of uranium may be included in the analysis list. Further, intimation regarding drilling of the boreholes, if any, during the exploration may be communicated to AMD for gamma ray logging.
3	MECL	The proposed block by M/s BMRC Geomining Solutions Pvt Ltd has no overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available

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5	NMEDT	The proposed block is surrounded by water reservoirs in the west south and north direction of the block. No overlap with NMEDT funded blocks. Proposed block shows overlapping with Exploration block of GSI_G4_FS_2022-2023 (Reconnaissance survey for Basemetals in Chirchari –Musuljob Area, Rajnandgaon district, Chhattisgarh) as per NGDR. Proposed block (31%) falls in Recorded Forest Area.
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- c) The agency referenced the G4 report of GSI, FS 2022-23 and informed the committee that out of 6 bed rock samples (BRS) from the proposed block, 4 BRS showed Cu values less than 30 ppm, Pb less than 330 ppm, Zn less than 70 ppm. The sample no. BRS01B showed Cu value of 182 ppm, Pb, 6300 ppm and Zn, 38300 ppm respectively. The 5 channel samples out of 6 showed values of Cu less than 150 ppm, Pb less than 90 ppm, Zn less than 190 ppm except the sample C150 with values of Cu 35-290 ppm, Pb, 610 ppm and Zn, 3100 ppm respectively. These samples were collected from Quartz Reef running along the strike of the block in the western side of the block.
- d) The committee opined that the analytical values are not encouraging to support further exploration for the said mineral commodities. Also, location of the block is too close to large reservoirs/waterbodies which may invite challenge for future scope of mining feasibility.
- e) The committee based on above observations did not recommend the proposal for approval of PSC.

Recommendations of TCC-II

The Committee did not recommend the proposal due to insignificant values of base metal from previous work in the proposed block and presence of reservoirs along the northern, western and southern boundaries of the block making the block infeasible for auction.

Agenda 34.1.15 Preliminary exploration (G3) for Base Metal in Musuljob block, District, Rajnandgaon, Chhattisgarh

ID: ME/DD/G3/CT/26-27/112

Area: 1.21 sq. km

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

- a) The proposed block of 1.21 sq. km area Preliminary exploration (G3) falls in Survey of India Toposheet no. 64M/13 in parts of Rajnandgaon, Chhattisgarh.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	There is 100% overlap with GSI previous work in FS 2022-23, titled Reconnaissance survey for base metals in Chirchari Musuljob area, Rajnandgaon district, Chhattisgarh.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously.

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3	MECL	The proposed block by M/s BMRC Geomining Solutions Pvt Ltd has no overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	No overlap with NMEDT funded blocks. The proposed block is surrounded by water dam in the north direction of the block.

- c) The agency referenced the GSI FS 2022-23 G4 report and informed the committee that their 6 BRS samples in the proposed block Cu values in the range 35ppm - 1100 ppm, Pb values in the range 40ppm -2500 ppm, Zn values in the range 85-1900 ppm respectively, 9 channel samples in the proposed block showed Cu values in the range 10ppm -390ppm, Pb values in the range 45ppm -2300 ppm, Zn values in the range 25-650 ppm respectively. These samples were collected from Quartz Reef running along the strike of the block in the western side of the block. The anomalous values do not show continuity along the strike of the mapped quartz reef. The northern part of the block was in close proximity of the water dam.
- d) In view of the above, the Committee observed that the base metal values presented from the proposed block are not sufficiently encouraging to warrant further G3-stage exploration.
- e) Considering the above, the Committee did not recommend the proposal to the PSC for approval. The agency was advised to undertake a field visit for ground truthing, verify the continuity of the quartz reef, collect additional BRS/channel samples, and assess the mineral potential beyond the southern boundary. The block may be modified accordingly and a fresh proposal to be submitted for consideration.

Recommendations of TCC-II

The Committee did not agree to recommend the proposal due to insignificant values of base metal from previous work in the proposed block.

Agenda 34.1.16 Preliminary exploration (G3) for Bauxite and associated minerals in Longadi bauxite block, District, Bhavnagar, Gujarat.

ID: ME/DD/G3/GJ/26-27/081

Area: 10.4 sq. km.

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

- a) The proposed block of 10.4 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 410/16, in parts of Bhavnagar District, Gujarat. The proposal was discussed in 14th TCC-II meeting held on 7th & 8th October, 2025 wherein the proposal was kept on hold until the analytical results are received.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
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1	GSI	No previous reconnaissance or exploration work has been carried out in the proposed area. There are no ongoing reconnaissance or exploration projects pertaining to Bauxite in the proposed area. As no past baseline exploration data are available, it is difficult to assess the feasibility of undertaking Bauxite exploration in the proposed area
2	MECL	The proposed block by M/s APC Drilling & Construction Private Limited has no overlapping with the ongoing or completed blocks of MECL.
3	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
4	DGM	Not available
5	NMEDT	The exploration agency submitted the DPR based on the findings of the aforementioned report during the 14th TCC-2 meeting held on 7th and 8th October 2025. The Committee, after deliberation, decided to keep the proposal on hold until the analytical results of 21 samples are received. There are no NMEDT funded blocks near the proposed area

- c) The agency informed that the proposed block was previously investigated by DGM, Gujarat during 1965-66 through trenching and drilling, estimating a geological bauxite resource of 1.46 million tonnes. Borehole samples recorded an average Al_2O_3 of 53.70% and SiO_2 of about 6.76%. Based on these investigations, CGM, Gujarat identified the non-overlapping Longadi Bauxite Block covering 10.40 sq. km for G4 exploration. In January 2026, APC Drilling & Construction Pvt. Ltd. received NoC from CGM, Gujarat for nine blocks, including Longadi. During subsequent fieldwork, APC collected two samples (TJR-16 and LON-17), which recorded Al_2O_3 of 24.35-32.46%, Fe_2O_3 of 4.01-33.14%, SiO_2 of 6.67-28.63%, TiO_2 of 1.85-6.25%, V of 689-986 ppm, and LOI of 11.14-28.82%.
- d) The Committee opined that a G3-stage exploration programme should not be proposed based on only two sample results. Additional pit/trench sampling and analytical results are required to establish the mineral potential of the proposed block with greater confidence.
- e) Considering the above, the Committee did not recommend the proposal to the PSC for approval.

Recommendations of TCC-II

The Committee did not recommend the proposal due to insufficient background data for a G3 stage of exploration proposal.

Agenda 34.1.17 Preliminary Exploration (G3) for Vanadium, Scandium, Gallium and associated minerals in and around Chatnalli Block, District, Bidar, Karnataka.

ID: ME/DD/G3/KA/26-27/103

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Area: 5.88 sq. km.

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

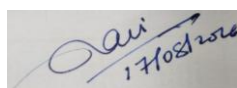
- a) The proposed block of 5.88 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 56G/5, in parts of Bidar District, Karnataka. The proposal was discussed in 11th PSC meeting held on 31st July, 2026 wherein the proposal was deferred back to TCC-II for reevaluation.
- b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	In the proposed block, no exploration/reconnaissance projects are ongoing. The block lies in western part of the Sindol Tanda block area where GSI in FS 2024-25 (25 sq. km) has carried out work on critical mineral assessment programme for Vanadium and associated critical minerals in lateritic rocks.
2	MECL	There is no ongoing exploration / reconnaissance project.
3	AMD	There is no ongoing exploration / reconnaissance project
4	DGM	The proposed block does not overlap with explored or ongoing blocks.
5	NMEDT	As per the NGDR portal, the proposed block does not overlap with explored or ongoing blocks.

- c) The Committee re-evaluated the cost sheet and excluded the Phase-II quantum of work. However, it noted that the further change in drilling quantum, along with the associated sampling and chemical analysis, may be considered during the review of results. The Committee agreed to recommend the proposal to the PSC for approval. A total of 360 m of drilling in 12 boreholes was agreed upon at grid interval of 800m x 800m. The borehole locations were positioned 100 m inward from the block boundary. The drilling plan is shown in Annexure 6C.
- d) The Committee recommend the proposal to the PSC for approval after reevaluation of cost sheet.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for "Preliminary exploration (G3) for Vanadium, Scandium, Gallium and associated minerals in and around Chatnalli Block, Bidar district, Karnataka" with an estimated cost of ₹ 125.52/- lakhs (including GST) within time schedule of 12 months for carrying out the proposed work and submission of geological report as per Annexure 6A & 6B. The project will be reviewed after 3, 6 months and 9 months.



Annexure 6A

**Cost Estimate for Preliminary exploration (G3) for Vanadium, Scandium, Gallium and associated minerals in and around
Chatnalli Block, Bidar district, Karnataka
Area: 5.88 sq. km, Drilling: 360 m; BH: 12, Schedule timeline: 12 months, Reviews after 3, 6 and 9 months**

Sl. No	Item of work*	Unit	Rates as per NMET SoC 2025-26		Estimated cost of the proposal		Remarks
			SoC-Item No. *	Rates as per SoC * (a)	Qty. (b)	Total Amount (Rs) (a*b)	
A	Geological mapping (LSM/DM) Other geological work and surveying						
1	Geological mapping (1:4000 scale)	Per sq. km	1.1	18300	5.88	107604	
2	Charges for one Geologist per day in field (without labour)	per day	1.2.1a(b)	14,500	120	17,40,000	
3	Labours for 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
4	Charges for one Geologist per day at HQ	day	1.2.1a(a)	10,500	30	3,15,000	
5	d. Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	7,850	58	4,55,300	

6	e. Labours (4 Nos)	day	5.8	556	232	1,28,992	
	Sub. Total-A					28,80,336	
B	Drone based survey						
1	Drone topographic survey	per sq.km	7b	70,000	5.88	411600	
	Sub. Total-B					411600	
C	Survey work						
1	Demarcation of lease boundary, Fixation of borehole and determination of co-ordinates & Reduced Level (RL) of the boreholes by DGPS (including charges for labours deployed for the work) - use of CORS Network system for all DGPS is compulsory	Per Point of observation	1.3.2	24000	16	384000	12BH +4 boundary points
	Sub. Total-C					384000	
D	Drilling (In house)						
1	Drilling up to 400m	Per m	2.2.1.1.c	5500	360	1980000	12 BHx30m; Borehole depth to be 30 m only when justified by presence of mineralization. Unnecessary drilling to be avoided.
2	Land / crop compensation if the drilling is in agricultural land	per borehole	5.6	30,000	12	360000	As per actuals as certified by local authorities subject to a maximum of 30,000 per bore hole

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3	Drill core preservation	per m	5.3	1590	180	286200	
4	Construction of concrete Pillar (12"x12"x30")	per BH	2.2.7	2,000	12	24000	
5	Borehole plugging by cement	per BH	2.2.8	10000	12	120000	
	Sub. Total-D					2770200	
E	LABORATORY STUDIES						
	Chemical Analysis						
i	Major oxides (WD XRF)- (oxides+ traces -24 elements)	Per sample	4.1.17a	4,200	150	6,30,000	
ii	10% Check Sample for major oxides and LOI by XRF technique	Per sample	4.1.17a	4,200	15	63,000	
iii	Primary Core Sample :Analysis of one rock/ soil sample for quantitative analysis by ICP-MS (sequential technique)	Per sample	4.1.15	7,400	300	2220000	
iv	10% Check Sample Analysis of one rock/ soil sample for quantitative analysis by ICP-MS (sequential technique)	Per sample	4.1.15	7,400	30	222000	
	Sub. Total-E					31,35,000	
F	Physical & Petrological Studies	Nos					
i	Preparation of thin section	per sample	4.3.1	500	10	5000	

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ii	Complete petrographic /ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo microgrphs)	per sample	4.3.4	2800	10	28000	
iii	Bulk Density	per sample	4.8.3	2500	10	25000	
iv	XRD analysis for identification of minerals (Random)	per sample	4.5.2	4000	5	20000	
	Sub. Total-F					78000	
	Total A to F					96,59,136	
G	Miscellaneous charges (Transportation of Drilling Rig, Accommodation of Drill camp, Camp setting and Winding, construction of approach Road)		2.2.9			495000	
	Total A to G					1,01,54,136	
H	Geological Report Preparation	soft copy	5.2	Total cost exceeding Rs. 150 lakhs		2,50,000.00	
I	Peer review Charges					30,000.00	
J	Preparation of Exploration Proposal	soft copy	5.1	2% of the Cost or Rs. 5.0 Lakhs whichever is less		2,03,083	

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	Total Estimated Cost without GST				1,06,37,219	
	Provision for GST (18%)				19,14,699	
	Total Estimated Cost with GST				1,25,51,918	
	Total Estimated Cost with GST			or Say Rs. In Lakhs	125.52	
Note:						
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.					
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.					
3	If any part of the project is outsourced, the amount will be reimbursed as per Item no. 6 of NMEDT SoC. In case of execution of the project by NEA on its own, a Certificate regarding non outsourcing of any component/project is required.					
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.					
5	Any item of work not mentioned above shall be added as per SoC.					
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.					

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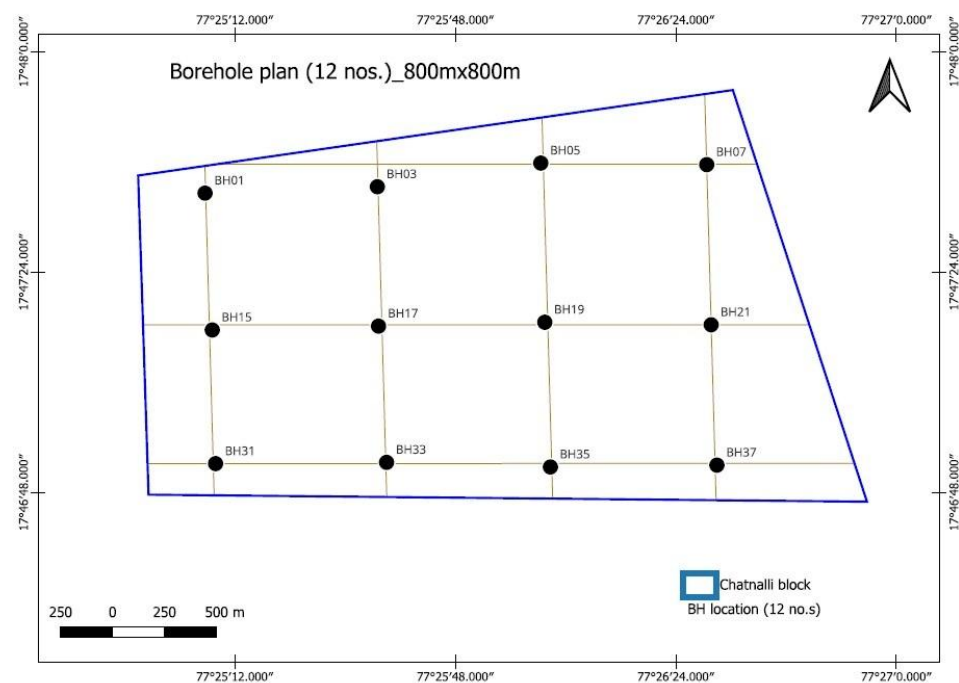
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Annexure 6B

Timeline for Preliminary exploration (G3) for Vanadium, Scandium, Gallium and associated minerals in and around Chatnalli Block, Bidar district, Karnataka, Area: 5.88 sq. km, Drilling: 360 m, BH:12

S. No.		Months	1	2	3	Review	4	5	6	Review	7	8	9	Review	10	11	12
1	Camp Setting	months															
2	Geological Mapping /Drone Topographic Survey	months															
3	Drilling (1 rig)	months															
4	Chemical Analysis (core Sample)	months															
5	Physical & Petrological Studies	months															
6	Camp Winding	months															
7	Report Writing with Peer Review	months															

Borehole plan for Preliminary exploration (G3) for Vanadium, Scandium, Gallium and associated minerals in and around Chatnalli Block, Bidar district, Karnataka



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34.2 Review of Ongoing Projects/ Completed Project & Timeline Extension

Agenda 34.2.1 Reconnaissance Survey (G4) for Gold in Hurungdah-Tamar Ranchi-Arki-Khunti-Kuchai area, Saraikela-Kharsawan District, Jharkhand

[Implementing Agency: Jharkhand Exploration and Mining Corporation Limited (JEMCL)]

- a) The project was recommended during 6th meeting of TCC-II, NMEDT, held on 27th and 28th February and 6th March, 2025 and subsequently approved in 41st EC meeting held in 11th March, 2025 at an approved cost of ₹215.52/- Lakhs (including GST) for the time schedule of 10 months up to 18th January, 2026. The project was reviewed in 22nd meeting of TCC-II held on 4th and 5th February, 2026, wherein the Committee recommended revised project cost from ₹215.52/- lakhs (including GST) to ₹13.54/- lakhs (including GST) due to pre-closure of the project and timeline extension for 2 months up to 30th April 2026. The project was reviewed again in 31st TCC-II meeting held on 16th and 17th June, 2026, wherein the Committee agreed for peer review of final Geological Report (GR) and recommended the proposal for approval of PSC for timeline extension up to 31st July, 2026 which was subsequently approved in 10th PSC meeting held on 29th June, 2026. b)
- b) The Committee evaluated the revised cost sheet and recommended revised project cost from ₹215.52/- lakhs (including GST) to ₹ 12.48/- lakh (including GST) due to pre-closure of the project. This cost revision was approved in 11th PSC meeting.
- c) The agency informed the committee that they have adhered to the peer reviewer comments and requested timeline extension up to 31.8.2026 for final submission of Geological Report.
- d) The committee agreed to the request and recommended the same for approval of PSC for final submission of Geological report.

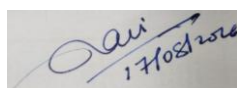
Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for "timeline extension up to 31st August, 2026 for submission of Final Geological Report".

Agenda 34.2.2 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% SiO₂. 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).
- e) During the meeting the agency informed their report had been peer reviewed and some correction suggested by the Peer Reviewer needs to be incorporated in the Geological report. Further it requested for the timeline extension of 7 days up to 7 August 2026 for final submission of Geological report.
- f) The committee agreed for the timeline extension up to 7th August 2026 for final submission of Geological report. This timeline extension was approved in 11th PSC meeting.
- g) The agency informed the committee that it has incorporated the comments suggested by the peer reviewer and submitted the Geological Report on NGDR.
- h) The committee agreed for final submission of Geological report.

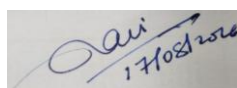
Recommendations of TCC-II

The committee agreed for final submission of Geological report.

Agenda 34.2.3 Preliminary Exploration (G3) for Graphite and associated Minerals, Mahadevbera block, Seraikela-Kharsawan District, Jharkhand

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

- a) The project was recommended in 20th TCC-II held on 2nd and 5th January 2026, and approved in 4th PSC held on 13th January 2026. The project was approved with a scheduled timeline of 15 months at a sanctioned cost of ₹ 412.59/-lakhs (including GST). The sanctioned order was issued on 2.2.2026 with scheduled project completion timeline 2.5.2027.
- b) The agency presented the first review before the committee. The agency informed the committee that regionally Mahadevbera graphite block is a part of North Singhbhum Mobile Belt (NSMB) which comprise rocks of volcano-sedimentary



sequence of Paleo-Proterozoic to Meso-Proterozoic age. The Dalma volcanics and Dalma volcano-sedimentary sequence falls under NSMB. Dalma Group is made up of three pyroclastic sequences, a phyllite/ carbonaceous-phyllite unit, and a lava flow sequence. The ultramafic-mafic lava flows occupy the youngest stratigraphic level. The phyllite sequence is represented by grey pale/phyllite with intercalations of carbonaceous phyllite and ferruginous phyllite (Sharan, 2000). The carbonaceous phyllite is the marker horizon and basal unit of Lower Dalma Formation. Locally the graphite block falls over the carbonaceous phyllite band of Lower Dalma Formation.

- c) The agency further informed the committee that the Mahadevbera graphite block lies south of Sindauri-Urmal Gold Block (G4) which was explored by GSI in 2007-2009 for gold exploration in the region and falls within Ghagri Asangibera Gold Block (G4) which was explored by GSI during 2016-17. • During the year 2017-18, the investigation entitled “Reconnaissance survey for graphite mineralization in carbonaceous phyllite around Papirda-Jopno-Kubasai areas, Ranchi District, Jharkhand” was taken up vide FSP code. ME/ER/JH/2017/003 by Tirkey, S and Singh. 50 out of the 100 BRS samples collected from this block by GSI returned with >2% FC. Average value being 3.42 %FC with highest value of 6.1% FC.
- d) The agency informed the committee that they have completed Geological mapping on 1:4000 scale. The major lithologies observed in the area were carbon phyllite with graphite, purple grey phyllite, quartzite, chlorite phyllite, mafic-ultramafic. Graphite occurrences were noted within the carbonaceous phyllite in the ridges. Most of the low-lying areas covered with soil and agricultural lands. General strike was observed to be WNW ESE with varying dips from 60-degree to 90-degree due N and S. The agency informed that overall, two graphite bearing bands have been mapped. Total of 102 surface samples collected, out of which 95 corresponds to Carbon Phyllite and their FC values range from 0.16% to 8.30% and a total seven (7) channel samples were collected across the graphite bearing zones with values in the range 0.53% to 3.96 %.
- e) The agency informed the committee that Proximate analysis was done for the 88 BRS samples and 7 channel samples at their inhouse NABL accredited laboratory at Jharia. Among the 48 BRS samples with FC > 2%, only 7 samples contained FC in the range of 5-10%, while none of the samples exceeded 10% FC. Among the 3 channel samples with FC > 2%, none of the samples exceeded 5% FC. Raman spectroscopic studies were conducted on the collected BRS samples to evaluate the nature, crystallinity, and structural characteristics of the graphite. The occurrence of a broad D band, broadened G band, significant overlap between the two bands signified a material exhibiting substantial structural disorder and poor crystallinity. This suggested that the graphite mineralization within the Mahadevbera Block is largely amorphous in nature with only a limited degree of graphitic crystallization.
- f) The agency further informed the committee that None of the samples collected during mapping had more than 10%FC. Average of all samples having >2.0% FC has been 3.57%. The highest Fixed Carbon (FC) content recorded in the BRS is 8.30%. • Raman Spectroscopy studies conducted with selected samples indicate that the graphite present is amorphous in nature.
- g) The agency informed the committee that considering the threshold value of 10% FC for amorphous graphite, it was their opinion that the Mahadevbera Block did

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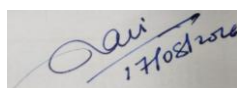
not justify any further exploration and evaluation. Henceforth, the agency requested for pre-closure of the project based on the above work and conclusion.

- h) The committee after due deliberations agreed with the agency that for Amorphous Graphite cutoff > 10% FC is required which was not reflected in the analysis shown by the agency. Therefore, the committee agreed for the pre-closure of the project and evaluated the revised cost, presented by the agency.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for “revised cost of ₹ 34.81/- lakhs (including GST) against the approved cost of ₹412.59/- lakhs (including GST), due to pre-closure of the project as surface sample analysis results were not encouraging to continue further exploration”. (Annexure 7)







Revised Estimated Cost for Preliminary Exploration (G3) for Graphite and Associated Minerals in Mahadevbera Block

District: Seraikela-Kharsawan, State: Jharkhand

Total Area - 3.0 sq. km; Completion Time - 15 Months; Boreholes - 0; Drilling meterage 0 m; Reviews: 6 months, 10 months

Sl. No	Item of Work	Unit	Per Unit Cost as per SOC (2021)		Estimated Cost of the Proposal		Revised Cost of the Proposal		Remarks
			SoC Item SI No	Rates as per SoC (Rs)	Quantity	Amount (Rs.)	Quantity	Amount (Rs.)	
A	Geological Mapping								In-house
1	Geological Mapping (1:4000 scale)	Sq. Km							
2	Geologist: Field work	Mandays	1.2.1a (b)	14500	150	2175000	90	1305000	
3	Geologist: Project Manager at HQ	Mandays	1.2.1a (a)	10500	60	630000	40	420000	
4	Labour charges (for sample collection, packaging, carrying)	Mandays	5.8	541	300	162300	180	97380	
5	Charges for one sampler per day (for sample preparation)	Mandays	1.2.1b	7850	68	533800	10	78500	
6	Labour charges (for sample preparation)	Mandays	5.8	541	272	147152	40	21640	
7	Charges for one Surveyor	Mandays	1.3.1	10500	45	472500	40	420000	
8	Labour charges (for sample preparation)	Mandays	5.8	541	180	97380	160	86560	
9	Demarcation of block boundary, Fixation of borehole	Per Point Observation	1.3.2	24000	17	408000	0	0	13 boreholes + 4 Boundary pillars
	Sub Total - A					4626132		2429080	

B	Mineral Investigation								
1	Trenching	per cu m	2.1.1	4125	150	618750	0	0	10 trenches Dimension: 1m x 1.0m x 15
2	Drilling in hard rock (HQ size)	per m	2.2.1d	10000	1987	19870000	0	0	Outsourced HQ size; Core drilling Phase-I: 1026m; 8 nos Phase-II: 961m; 5 nos
3	Borehole pillaring	per borehole	2.2.7	2000	13	26000	0	0	
4	Land/ Crop compensation	per borehole	5.6	30000	5	150000	0	0	Amount will be reimbursed as per actuals or max. Rs. 30000 per BH with certification from local authorities.
5	Drill core preservation	per m	5.3	1590	300	477000	0	0	
	Sub Total - B					21141750		0	
C	Geophysical Survey								
1	Self-Potential (8-20 Km)	Line km	3.3a	20	62140	1242800	0	0	
	Sub Total - C					1242800		0	
D	Laboratory Studies								
1	BRS and Channel Samples (Proximate analysis for Graphite)	Per sample	4.1.18	3614	364	1315496	60	216840	BRS/ Channel: 60 Trench: 40; Borehole: 264
2	External 10% Check (Proximate analysis for Graphite)	Per sample	4.1.18	3614	36	130104	6	21684	
3	Major oxides (WD XRF) - (oxides + trace-24 elements)	Per sample	4.1.17a	4200	100	420000	0	0	

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4	External 10% Check Major oxides (WD XRF) - (oxides + trace-24 elements)	Per sample	4.1.17a	4200	10	42000	0	0	
5	Analysis of one rock sample/ soil sample for quantitative analysis of 14 REE elements +9 trace elements (U, Ta, Ge, Be, Hf, Sn, As, Rb, Th) by ICP-MS	Per sample	4.1.15	7400	25	185000	0	0	
	Sub Total - D					2092600		238524	
E	Physical and Petrographic Studies								
1	Preparation of standard thin section of rock	Per sample	4.3.1	500	10	5000	5	2500	
2	Complete petrographic study	Per sample	4.3.4	2800	10	28000	5	14000	
3	Preparation of polished thin section of rock / wafer	Per sample	4.3.2	800	10	8000	5	4000	
4	Complete mineragraphic studies	Per sample	4.3.4	2800	10	28000	5	14000	
5	Raman spectroscopy study per hour	Per hour	4.5.1	2700	5	13500	5	13500	
6	Bulk density - Dry/ Saturated	Per sample	4.8.3	2500	5	12500	0	0	
	Sub Total - E					95000		48000	
F	Other Studies								
1	Beneficiation study (lab scale)	Per sample	4.7.2	3	500000	1500000	0	0	Actual expenses at IBM rate
	Sub Total - F					1500000		0	
	TOTAL (A+F)					30698282		2715604	
G	Miscellaneous Charges								
1	Preparation of exploration proposal		5.1			500000		54312.08	
2	Geological report preparation		5.2			750000		150000	

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3	3D Ore body modelling using SURPAC		5.4			500000		0	as per actual, based on market survey
4	Administrative Charges for getting Forest Permission		5.7			500000		0	as per actual
5	Peer Review					30000		30000	
6	Reimbursement of cost in case of outsourced components of project work		6.0			1987000		0	
	Sub Total - G					4267000		234312	
H	Total Estimated Cost without GST					34965282		2949916	
I	Provision for GST (18%)					6293750.76		530984.89	
J	Total Estimated Cost with GST					41259032.76		3480900.97	
K	Total Estimated Cost with GST (in Lacs)					412.59		34.81	
Note:									
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.								
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.								
3	If any part of the project is outsourced, the amount will be reimbursed as per Item no. 6 of NMEDT SoC. In case of execution of the project by NEA on its own, a Certificate regarding non outsourcing of any component/project is required.								
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.								
5	Any item of work not mentioned above shall be added as per SoC.								
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.								

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Agenda 34.2.4 Reconnaissance Survey (G4) for Iron Ore in Mahakoshal Group around Chakdiya, Kushaniya, Jobra and Tusgaon area, Sonbhadra district, Uttar Pradesh

[Implementing Agency: M/s Geoexpore Pvt. Ltd.]

- a) The project was recommended in 61st TCC meeting held on 30th & 31st January, 2024 and 07th February, 2024 and approved in 33rd EC meeting held on 19th February, 2024, for scheduled timeline of 9 months up to 27th November, 2024. Sanction order was issued on 28th February, 2024, with an approved cost of ₹ 95.41/- lakhs (Including 29 GST). The project was reviewed during 3rd TCC-II held on 5th and 6th December, 2024, where in the TCC-II recommended the revised cost of the project amounting to ₹110.54/- Lakh (including GST) & timeline extension of 6 months up to 26th May 2025. In 4th meeting of TCC-II held on 26th and 27th December, 2024, again, the TCC-II recommended the revised cost of the project amounting to ₹195.44/- Lakh (including GST) due to additional drilling. In the 39th EC meeting held on 24th January, 2025, the committee approved the recommendation of 3rd & 4th TCC-II, for revised cost of ₹195.44/- Lakh (including GST) and timeline extension of 6 months up to 26th May 2025. The agency was de-notified for the period 2.5.205 to 29.10.2025.
- b) In 42nd meeting of EC held on 2nd June, 2025, the timeline extension was accorded 6 months up to 25th November 2025. Timeline extension was approved up to 30th May, 2026, in 3rd PSC meeting held on 15th December, 2025. Timeline by 4 months, up to 30th September, 2026 was accorded IN 9th PSC meeting.
- c) The committee in 28th TCC-II meeting asked for the review of core sample results. The agency informed the committee that they had completed the approved quantum of samples and drilling and corresponding chemical analysis.
- d) The agency informed that the entire approved quantum of work has been completed and the Geological Report (GR) has been prepared. The agency requested that the GR be taken up for peer review.
- e) The committee agreed for peer review of the final geological report.

Recommendations of TCC-II

The committee agreed for peer review of the final geological report.

Agenda 34.2.5 Reconnaissance survey (G4) for Gold, Base Metal and Associated Minerals in the Pidariya-Nawanagar Areas, Singrauli District, Madhya Pradesh

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

- a) The project was recommended in 8th TCC-II held on 28th, 29th April and 2nd May 2025 and approved in 42nd EC held on 2nd June, 2025. The project was approved with a scheduled timeline of 10 months at a sanctioned cost of ₹ 234.99/-lakhs (including GST). The sanctioned order was issued on 1.7.2025 with scheduled project completion timeline 30.4.2026. The agency came up for first review in 26th TCC-II dated 1st and 2nd April 2026 where timeline extension up to 31st December 2026 was recommended which was subsequently approved in 8th PSC meeting.

The TCC-II asked the agency to carry out the analysis of all samples at the earliest and showed before the committee.

- b) The agency informed the committee they have completed geological mapping on 1:12500 scale and geophysical surveys comprising SP (Self Potential), IP (Induced Polarization) and total field magnetic. The agency has completed 25 samples for Fire Assay analysis out of 121, 50 out of 137 by AAS method, 4 out of 10 by ICPMS method and 25 out of 55 by XRF method, XRD and EPMA analysis is pending for 10 samples each and 3 out of 10 have been completed for study of polished thin section.
- c) The agency informed the committee the area has highly folded phyllite outcrop as dominating geological unit, followed by quartz veins, BIF and highly oxidized zones (Gossans). The dominant strike direction was E-W and dip was measured from 30° to subvertical in N-S direction. It further informed the committee they have encountered ferric, limonitic and sulphidic alteration (at places). The agency showed the results of the chemical analysis for Cu to the committee where the 7 samples showed values > 500 ppm.
- d) The agency showed the results of total magnetic field survey which showed E-W trending bipolar anomalies in the south side of the block. Further, the SP (Self Potential) survey results showed the E-W trending negative anomaly pattern. The agency further showed the results of IP 2D subsurface mapping.
- e) The committee observed that the geochemical analysis results distribution was following E-W pattern in the southern part of the block. There was corroboration between SP, IP and magnetic anomaly in the south direction of the block. The committee advised the agency to mark the Gossan zones in the southern part and continue the work as per approved quantum.

Recommendations of TCC-II

The Committee reviewed the progress of the project and advised the agency to map the Gossan zone, focus on southern part of the block and continue the work as per the approved quantum.

34.3 Technical Evaluation for In-Principle Approval

Agenda 34.3.1 Preliminary exploration (G3) for Bauxite, Titanium, Vanadium and associated critical minerals in Kothi block, District, Gumla, Jharkhand.

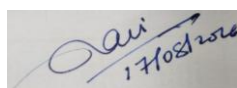
ID: ME/IN/G3/JH/P/26-27/148

Area: 9 sq. km.

[Implementing Agency: M/s MMPL Private Limited]

- a) The proposed block of 9 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 73A/4, in parts of Gumla district, Jharkhand.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
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1	GSI	There is a conflict of information provided about the block as details are given for the Balrampur district of CG. However, the exact block boundary as per the given coordinate falls in T. S. No. 73A/04, which falls in Gumla district, Jharkhand. Therefore, the input information may be thoroughly checked before submission. The area as per the block boundary has been identified by GSI Ranchi and was discussed during the departmental meeting, making it an important item in the FSP bank of GSI Ranchi on a five-year plan basis, and background information has already been discussed. GSI already proposed Dokhapat in T. S. No. 73A/08, and in case any of the other items are not approved, this particular block will be proactively considered for implementation during FS 2027-28. With the above status, this block, falling in the Gumla district, cannot be spared.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	The proposed block by M/s MMPL Private Limited has no overlapping with the ongoing or completed blocks of MECL.
4	DGM	Comments were not available.
5	NMEDT	NMEDT funded blocks are not present near the proposed block in NGDR. MMPL –newly proposed Asapani block is present near this block and their buffer zone overlap with each other.

- c) Comments from the State DGM were not available during the meeting. However, the representative of DGM, Jharkhand, informed that the proposed block (40% approx.) overlaps with the area currently under exploration, including drilling, by DGM, Jharkhand.
- d) In view of the above the Committee deferred the consideration of the proposal for formal written comments of DGM, Jharkhand.

Recommendations of TCC-II

The Committee deferred the proposal for written comments of DGM, Jharkhand.

Agenda 34.3.2 Preliminary exploration (G3) for Bauxite, Titanium, Vanadium and associated critical minerals in Asapani block, District, Balarampur, Chhattisgarh.

ID: ME/IN/CT/P/26-27/147

Area: 14.6 sq. km.

[Implementing Agency: M/s MMPL Private Limited]

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a) The proposed block of 14.6 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet nos. 73A/3 and 73A/4, in parts of Balarampur district, Chhattisgarh.

b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	There is 100% overlap with GSI of 1969-70 "Assessment of Bauxite Deposits in Jamirapat, Joka- Lahsunpat and Jarangpat Areas, Surguja District, Madhya Pradesh".
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	NMEDT funded blocks are not present near the proposed block in NGDR, MMPL –newly proposed Kothi block is present near.

c) The agency informed that regional exploration by Ch. Narsimha Rao (1969–70) established bauxite occurrence near Asanpani Village, with a representative sample assaying 57.70% Al₂O₃, 0.66% SiO₂, 6.30% Fe₂O₃ and 9.50% TiO₂ over a bauxite thickness of 1–2 m, indicating a favourable lateritic bauxite horizon with potential for associated critical mineral enrichment. The adjoining Damchuan Block, within the same geological domain and lateritic plateau, has demonstrated significant enrichment of bauxite and critical minerals, with channel samples recording up to 55.88% Al₂O₃, 10.17% TiO₂, 1,447 ppm V and 160 ppm Ga. Stream sediment data from the proposed block, including TiO₂ anomalies exceeding 10% and reaching nearly 18%, further support its prospectivity for bauxite and associated critical minerals.

d) Considering the above, the Committee agreed to accord in principle approval to the proposal. Further, the Committee advised the agency to exclude areas covered by granite gneiss from the proposed block in DPR.

Recommendations of TCC-II

The Committee accorded in principle approval to the proposal and advised the agency that areas covered by granite gneiss to be excluded from the proposed block in DPR and submit the DPR within 2 months.

Agenda 34.3.3 Preliminary exploration (G3) for Graphite & Vanadium in Ekhataya block, District, Lower Subansiri, Arunachal Pradesh.

ID: ME/IN/G3/AR/P/26-27/155

Area: 1.64 sq. km.

[Implementing Agency: M/s MMPL Private Limited]

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a) The proposed block of 1.64 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 83E/10, in parts of Lower Subansiri district, Arunachal Pradesh.

b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	The proposed NMET block falls completely within the explored G-4 block of FS 2018-19. There are no ongoing exploration/reconnaissance projects related to graphite, vanadium and associated minerals and any other mineral/commodity in the proposed area. The proposed NMET block falls within the G4 block of GSI (FS 2021-22).
2	AMD	AMD has carried out G4 stage of exploration for uranium in and around the proposed block in different phases, wherein localized evidence of U mineralisation has been established. Grab samples analysed up to 0.020% U ₃ O ₈ from the area. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the said commodities mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	No Past Reconnaissance/Exploration work carried out by State DGM. No such ongoing exploration in the proposed area. No Composite License (CL) or Mining Lease (ML) granted within the proposed block.
5	NMEDT	NMEDT funded blocks are not present near the proposed block in NGDR.

c) The committee discussed about the same block proposed by M/s Geomarine Solutions Pvt. Ltd. which was deferred in PSC-I. The representative from M/s Geomarine Solutions Pvt. Ltd. informed the committee that they do not want to take up that project. The agency informed that GSI has previously carried out exploration in and around the proposed block through various Field Seasons. Investigations during 1988–89 established graphitic schist as lensoidal bodies within garnet-mica schist, while subsequent thematic mapping (2017–18) traced two parallel bands of carbonaceous phyllite/graphite schist, 7–10 m thick and extending for about 10 km. Vanadium values in these units reached 0.45%, with fixed carbon (FC) values up to 16.6%. During LSM (2018–19), vanadium-bearing carbonaceous phyllite bands were delineated, with 153 BRS samples assaying 612–5318 ppm V, trench samples 700–1800 ppm V, and 76 channel samples 689–5107 ppm V. BRS samples recorded FC values of 0.55–36.1%, averaging 12.8%. Subsequent detailed exploration in the adjoining Radhpu, Sito Sikhe and Kugitago

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Miya blocks established significant V₂O₅ and FC mineralisation, with resource estimates reported in Sito Sikhe and Kugitago Miya blocks. Within the proposed Ekhataya Block, two trenches, one channel and three BRS locations from the 2018-19 LSM recorded 1,088-1,487 ppm V in trenches, 1,418 ppm V in the channel, and 785-2,547 ppm V in BRS samples, with FC values up to 18.05%. These results indicate significant vanadium association with graphite mineralization and support the prospectivity of the proposed block.

- d) Considering the above, the Committee agreed to accord in principle approval to the proposal. The committee advised the agency to review the borehole data from the previously explored G3 block by GSI in the north-eastern part and incorporate the relevant findings in the DPR.

Recommendations of TCC-II

The Committee accorded in principle approval to the proposal and advised the agency to submit the DPR within 2 months.

Agenda 34.3.4 Preliminary exploration (G3) for Graphite in Ejamar North block, District, Latehar, Jharkhand.

ID: ME/IN/G3/JH/P/26-27/161

Area: 7.64 sq. km.

[Implementing Agency: M/s MMPL Private Limited]

- a) The proposed block of 7.64 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 73A/5, in parts of Latehar district, Jharkhand.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	Ejamar North block proposed by MMPL Pvt. Ltd. has been delineated as the part of G4 programme taken by GSI Ranchi entitled "Reconnaissance survey for graphite in Chhotanagpur Gneissic Complex Parsahi, Satbarwa and Ranki Kalan in Latehar District, Jharkhand" (STAGE: G-4) during FS 2019-20. The block lies to the southern boundary of T. S. No. 73A/05. GSI has nearly developed all G4 blocks to G3/G2 stage in the northern part of the Toposheet which includes Karma, Adhamniya, Budhiyabagi, Mandhaniya, Suiri, Charwadhih etc and has proposed Dodang G3 block for the FS 2027-28. As the proposed Ejamar North block lies within the G4 block implemented by the GSI, Ranchi, it would be very keen to take up investigation at G3 stage for this block in forthcoming Field Seasons. So, this cannot be spared for investigation. Overlap with NMEDT proposal Ranki-Kalan G3 Graphite block by BMRC Pvt. Ltd.
2	AMD	AMD has carried out G4 stage of exploration for uranium in and around the proposed block in different phases, wherein localized evidence of U mineralisation has been established.

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		Grab samples analysed up to 0.020% U3O8 from the area. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the said commodities mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	NMEDT funded blocks are not present near the proposed block in NGDR.
5	NMEDT	NMEDT funded blocks are not present near the proposed block in NGDR. Overlap (20 % of the proposed area) has been observed with ESZ/ESA in the western part of the block. Overlap with the Preliminary exploration (G3) for Graphite in Ranki Kalan block, District, Latehar, Jharkhand proposal of DPR in the same meeting by M/s BMRC Geomining Solutions Private Limited.

- c) The Committee observed that the proposed block has an overlap with the NMEDT proposed block of M/s BMRC Geomining Solutions Pvt. Ltd and ESZ zone.
- d) Considering the above, the Committee did not agree to accord in principle approval to the proposal. The committee advised the agency to modify the area after removal of overlap.

Recommendations of TCC-II

The Committee did not accord in principle approval to the proposal. The committee advised the agency to modify the area after removal of overlap.

Agenda 34.3.5 Reconnaissance survey of carbonatite hosted REE and RM in Mathwad area, District, Alirajpur, Madhya Pradesh.

ID: ME/IN/G4/MP/P/26-27/107

Area: 115 sq. km.

[Implementing Agency: M/s MMPL Private Limited]

- a) The proposed 115 sq. km area for reconnaissance survey (G4), falls in Survey of India Toposheet nos. 46J/04, 46J/08, 46K/01 & 46K/05, in parts of Alirajpur district, Madhya Pradesh.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	A G-4 stage investigation has already been carried out around the proposed block area titled "Reconnaissance for fluorite mineralisation in the southern parts of Jhabua district, Madhya Pradesh (FS:1975-76)". Reconnaissance survey for the search of fluorite mineralisation in the southern parts of Jhabua District adjoining Amba Dungar fluorite deposits in Gujarat was carried out. The area totally covered by Deccan Traps. Twelve flows were demarcated in the area, earlier, by Shri R.L. Munshi, Geologist. A number of linear carbonate dykes were recorded cutting across

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		the Deccan Traps in a general E-W trend. The width of these dykes varies from 1-14m while in length they vary from few metres to as long as 1500m. These carbonate dykes and their contact zones with Deccan Traps were searched, for fluorite mineralisation. No such mineralisation in any of these dykes could be recorded. The physical occurrence and intrusive nature of carbonatites and associated alkaline rocks within the proposed area are conclusively established may be feasible for taking up Carbonatite Hosted REE and RM mineralization in the proposed area.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	NMEDT funded blocks are not present near the proposed block in NGDR. The block boundary is present just north of Narmada river.

- c) The agency informed that the proposed block forms part of the Ambadungar Carbonatite Complex (ADCC), a significant alkaline-carbonatite province of the Deccan Flood Basalt Province. The complex comprises breccia carbonatite, sovite, siliceous carbonatite, ferro-carbonatite/ankerite and associated fenites, with previous exploration indicating lithologically controlled REE enrichment along the periphery of the central dome. Extensive GSI exploration, including drilling during FS 2018-19 in the adjoining Ambadungar area, established significant REE and Nb mineralisation in carbonatites, with reported UNFC-compliant Indicated Resources of about 106 Mt averaging 0.4% REE and up to 149 Mt averaging 0.04% Nb. The occurrence of carbonatites and associated alkaline rocks within the proposed block is also supported by earlier GSI and DGM investigations and regional geological mapping, which established their structural association with deep-seated fracture zones within the Deccan Trap sequence. The regional geological setting, established carbonatite occurrences and proximity to the explored Ambadungar mineralised zone indicate favourable potential for REE and Nb mineralisation in the proposed block and justify systematic exploration.
- d) Considering the above, the Committee agreed to accord in principle approval to the proposal. The committee advised the agency to maintain an appropriate distance from the Narmada River while delineating the block, considering the mineral exploration perspective and to suitably modify the area for DPR.

Recommendations of TCC-II

The Committee accorded in principle approval to the proposal and advised the agency to submit DPR in 2 months. The committee advised the agency to maintain an

appropriate distance from the Narmada River while delineating the block, considering the mineral exploration perspective and to suitably modify the area for DPR.

Agenda 34.3.6 Preliminary Exploration (G3) for REE in Mallepally Block, Nalgonda District, Telangana.

ID: ME/IN/G3/TG/P/26-27/150

Area: 3.26 sq. km.

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

- a) The proposed block of 3.26 sq. km area for preliminary Exploration (G3), falls in Survey of India Toposheet no. 56L/13, in parts of Nalgonda district, Telangana.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	The G3 stage Mallepally Block proposed by the NPEA M/s. GMMCO Technology services LTD (GTS) falls in the G4 stage area of Kondur and Chintapalli block carried out by SU: Telangana, GSI in FS 2019-20. The G3 proposal submitted by M/s. GMMCO Technology services LTD (GTS) has only sporadic and isolated spot values of REE (4981.15 ppm, 12740 ppm, 1974.36 ppm) in the proposed block of 3.26 Sq.km and no zone has been defined. Owing to lack of mineralized zone with defined length and width the proposed block is not feasible to be taken up for G3 stage exploration.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	There is no overlapping with the NMEDT Funded projects as per NGDR Portal. The proposed block lies just south of the PK Mallepally block proposal by same agency.

- c) The agency informed that GSI's G4 stage reconnaissance survey for REE and Rare Metals (RM) in Toposheet 56L/13 reported Σ REE values of 2.52 to 12,740.1 ppm in BRS samples. Significant enrichment, with values exceeding 1,000 ppm and reaching 12,740.1 ppm, was recorded in allanite-bearing sheared monzogranite and syenogranite along the NW-SE-trending shear zone between P.K. Mallepalli and Kondur. Mineralisation is predominantly structurally controlled, while sporadic occurrences are observed elsewhere. The samples show LREE enrichment and HREE depletion, with La and Ce dominating, suggesting allanite and monazite as the probable REE-bearing minerals. The committee observed that block area corresponding to agenda 34.3.7 lies close to this block and corresponds to same geological setup, therefore advised the agency may combine the area of

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both blocks, establish mineralized zones as well fertile lithology bearing REE mineralisation. G3 proposal can only be justified when geometry of mineralisation is proved in area, without any solid ground control /potentiality of area, G3 stage exploration is not viable.

- d) Considering the above, the committee agreed to accord in principle approval to the proposal. The committee advised the agency to collect and analyze 4 to 5 groove/trench samples to establish better ground control over the mineralization. The analytical results should be incorporated in the DPR.

Recommendations of TCC-II

The Committee accorded in principle approval to the proposal. The committee advised the agency to collect and analyze 4 to 5 groove/trench samples to establish better ground control over the mineralization.

The committee advised that the block areas of agenda 34.3.6 and 34.3.7 may be combined, establish mineralized zones as well fertile lithology bearing REE mineralisation. The analytical results should be incorporated in the DPR and submit the DPR within 2 months.

Agenda 34.3.7 Preliminary exploration (G3) for REE, north part of PK Mallepally block, Chinthapalli mandal, Nalgonda district, Telangana.

ID: ME/IN/G3/TG/P/26-27/154

Area: 2.1 sq. km.

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

- a) The proposed block of 2.1 sq. km area for preliminary Exploration (G3), falls in Survey of India Toposheet no. 56L/13, in parts of Nalgonda district, Telangana.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	The G3 stage North part of PK. Mallepally Block proposed by the NPEA M/s. GMMCO Technology services LTD (GTS) falls in the G4 stage area of Kondur and Chintapalli block carried out by SU: Telangana, GSI in FS 2019-20. The G3 proposal submitted by M/s. GMMCO Technology services LTD (GTS) has only sporadic and isolated spot values of REE (1419.63 ppm and 5368.83 ppm) in the proposed block of 2.1 Sq.km and no zone has been defined. Owing to lack of mineralized zone with defined length and width the proposed block is not feasible to be taken up for G3 stage exploration.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.

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4	DGM	Not available
5	NMEDT	There is no overlapping with the NMEDT Funded projects as per NGDR Portal

- c) The Agency informed that GSI's G4 stage reconnaissance survey for REE and RM mineralisation in Toposheet 56L/13 reported Σ REE values of 2.52–12,740.1 ppm in BRS samples. Significant enrichment (>1,000 ppm, up to 12,740.1 ppm) was recorded in allanite-bearing syenogranite and sheared monzogranite along the NW–SE-trending shear zone between Kondur and P.K. Mallepalli. The mineralisation is predominantly confined to this shear zone, with sporadic occurrences elsewhere. The samples show LREE enrichment and HREE depletion, with La and Ce dominating, suggesting allanite and monazite as the probable REE-bearing minerals. The committee observed that block area corresponding to agenda 34.3.6 lies close to this block and corresponds to same geological setup, therefore advised the agency may combine the area of both blocks, establish mineralized zones as well fertile lithology bearing REE mineralisation. G3 proposal can only be justified when geometry of mineralisation is proved in area, without any solid ground control /potentiality of area, G3 stage exploration is not viable.
- d) Considering the above, the Committee agreed to accord in principle approval to the proposal. The Committee advised the Agency to collect and analyze 4 to 5 groove/trench samples to establish better ground control over the mineralization. The analytical results should be incorporated in the DPR.

Recommendations of TCC-II

The Committee accorded in principle approval to the proposal. The committee advised that the block areas of agenda 34.3.6 and 34.3.7 may be combined, establish mineralized zones as well fertile lithology bearing REE mineralisation. The analytical results should be incorporated in the DPR and submit the DPR within 2 months.

Agenda 34.3.8 Preliminary exploration (G3) for Aluminous Laterite, Bauxite and associated critical minerals in Guhagar block, District, Ratnagiri, Maharashtra.

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

Area: 44 sq. km.

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

- a) The proposed block of 44 sq. km area for preliminary Exploration (G3), falls in Survey of India Toposheet nos. 47G/2, 47G/3 & 47G/6, in parts of Ratnagiri district, Maharashtra.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
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1	GSI	GSI has carried out one M-II (RP) item encompassing the proposed block of M/s Unised Research Consultants Private Limited. Title of the item: 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: 2024-25 & 2025-26)
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	The area has been modified as per 30th TCC-II suggestion. No NMEDT funded blocks present in and around the proposed area as per NGDR Portal

- c) This project was discussed in 30th TCC-II where the committee deferred the proposal to upcoming TCC-II meeting and advised the agency to modify the area (area was surrounded by CRZ and NDZ zone in north and western part of the block.) 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.
- d) The agency informed that the proposed area forms the southern extension of known bauxite occurrences investigated by GSI during 1970-71, where Grade II-III bauxite resources were established and further exploration were recommended. Preliminary reconnaissance by the agency indicates that the lateritic plateau extends across Waki, Kamset, Ranavi, Dhopave, Pimpalvat, Sakhari, Veldur and Pardalewadi villages. Representative 5 nos. of samples assayed 26-42 wt.% Al₂O₃, 1.61-6.69 wt.% SiO₂, 0.08-0.12 wt.% V and 19-46 mg/kg Sc, confirming bauxite occurrence with associated vanadium and scandium enrichment.
- e) Considering the above, the committee agreed to accord in principle approval to the proposal for G4 stage of reconnaissance survey.

Recommendations of TCC-II

The Committee accorded in principle approval to the proposal and advised the agency to submit DPR within 2 months.

Agenda 34.3.9 Reconnaissance survey (G4) for Nickel, Gold and associated critical minerals in Jharbandh- Pagarpani-Bhandhamunda area, District, Baragarh, Odisha.

ID: ME/IN/G4/OD/P/26-27/159

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Area: 100 sq. km.

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

a) The proposed 100 sq. km area for reconnaissance survey (G4), falls in Survey of India Toposheet nos. 64K/12 & 64K/16, in parts of Baragarh district, Odisha.

b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	The proposed block is overlapping with G4 stage exploration blocks of GSI for kimberlite and diamond. The mafic-ultramafic suite of rocks found in the area are suitable for Gold, Ni and PGE mineralization. In the systematic geological mapping report of GSI during FS: 1993-94 (Nanda, J.K., Rath, S.C. & Behera, S.N.), it was recommended to take investigation items on gold. No Composite License or Mining Lease, either for major or minor minerals, exists within the proposed block. In view of the above observations the block is recommended for exploration at G4 stage for commodities like gold, Ni and PGE.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	The proposed area has been partially covered during F.S 1974-76 through geological mapping on 1:2000 scale. The proposed area is covered by Granite gneiss with intrusives and Sandstone quartzite. Again the proposed area has been partially covered during F.S 1969-70 through geological mapping on 1:63,360 scale. The proposed area is covered by Granite gneiss with intrusives and Quartzite. However, on examination of the group plan, it is observed that the area overlaps with the Beltukri-Kurlapali_kimberlite block in Nuapada & Baragarh district explored by Geological Survey of India under F.S. 2023-24.
5	NMEDT	No NMEDT funded block present in and around the proposed area as per NGDR Portal.

c) The agency informed that the proposal is supported by the presence of mafic-ultramafic and alkaline rocks, including peridotite, pyroxenite, gabbro, microgranites and granophyre dykes. GSI investigations (FS 1993-94) reported Ni values up to 0.1%, Cr >1,000 ppm and Pt/Pd up to 24/19 ppb in pyroxenite-peridotite bodies, along with Au values up to 200 ppb in meta-basalts, indicating potential for Ni-Cr-PGE and Au mineralisation. Greenstone sequences comprising chlorite schist, quartzite, BIF and metabasic volcanics also provide favourable hosts for gold and sulphide mineralisation, while alkaline rocks may have potential for REE. The agency referenced the Bhalukona-Jamnidi block (Ni-Cu-

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PGE sulphide) under composite license by M/s Deccan Gold Mines Ltd. (DGML) which is situated about 27 km NE of the proposed block in the craton-margin mafic-ultramafic corridor. The area has limited follow-up exploration and is free from overlap with ongoing/NMEDT-funded and auctioned/proposed mineral blocks for Ni, Au and PGE. About 15% of the area is under forest cover and the block is free from ESZ, NP and WLS.

- d) Considering the above, the Committee agreed to accord in principle approval to the proposal. The Committee advised the Agency to interpret all available previous data, including geophysical and aero-geophysical data, and incorporate the findings in the DPR.

Recommendations of TCC-II

The Committee accorded in principle approval to the proposal and advised the agency to submit DPR within 3 months.

Agenda 34.3.10 Reconnaissance survey (G4) for Basemetal in Chinnapalli area, District, Sri Satya Sai, Andhra Pradesh.

ID-ME/IN/G4/AP/P/26-27/151

Area: 20.05 sq. km.

[Implementing Agency: M/s BMRC Geomining Solutions Pvt. Ltd.]

- a) The proposed 20.05 sq. km area for reconnaissance survey (G4), falls in Survey of India Toposheet no. 57J/3, in parts of Sri Satya Sai district, Andhra Pradesh.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	The proposed area falls within one RMT project area carried out during Field Season 2023-25. Currently, GSI is not working in the proposed NPEA area or has no proposal pending.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	Proposed area shows overlapping with Exploration block of GSI_RMT_FS_2023-2025 (Report On Regional Mineral Targeting for Molybdenum and Associated Basemetal and Gold Mineralisation in Kadiri Schist Belt and Adjoining Granitoids in YSR Kadapa, Sri Sathyasai and Annamayya Districts Of Andhra Pradesh and Chikkaballpura and Kolar Districts of Karnataka) as per NGDR. Proposed area does not overlap with NMEDT funded

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		blocks as per NGDR Portal. NMEDT Funded G3 block of M/s MTCS lies near to the proposed area
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- c) The agency informed that the Chinnapalli Block lies within the granite-greenstone terrain of the Dharwar Craton, near the western margin of the Cuddapah Basin. The area is mainly composed of monzogranite and granodiorite rocks of the Peninsular Gneissic Complex-II (PGC-II), which are cut by mafic and felsic dykes. To the east, these older rocks are covered by the Gulcheru Formation of the Cuddapah Supergroup. The area has undergone several phases of faulting and fracturing, forming prominent E-W-trending quartz reefs and fault zones. Hydrothermal alteration and sulphide mineralisation associated with these structures indicate favourable conditions for Cu-Mo-Au mineralisation. During regional mineral targeting, GSI collected 33 bedrock samples (BRS). One sample from the main E-W-trending quartz reef assayed 57 ppb Au and 1,060 ppm Cu. Two BRS from Fe-rich quartz reefs recorded up to 355 ppm Cu, while samples from epidote and quartz veins within dolerite dykes recorded up to 275 ppm and 585 ppm Cu, respectively. Other anomalous values include Pb up to 255 ppm, Mo up to 47 ppm and Cr up to 1,146 ppm. Additionally, 17 core samples recorded Co values exceeding 100 ppm, with a maximum of 560 ppm.
- d) Considering the above, the Committee agreed to accord in principle approval to the proposal. The Committee advised the Agency to interpret all available previous data, including geophysical and aero-geophysical data, and incorporate the findings in the DPR. The Agency was also advised to collect and analyse 4 to 5 samples from the proposed area and the analytical results should be incorporated in the DPR.

Recommendations of TCC-II

The Committee accorded in principle approval to the proposal and advised the agency to submit DPR within 2 months.

Agenda 34.3.11 Reconnaissance survey (G4) of REE and associated minerals in Sarankul area, District, Nayagarh, Odisha.

ID: ME/IN/G4/OD/P/25-26/050

Area: 96.6 sq. km.

[Implementing Agency: M/s Eartnenviro Lab Private Limited]

- a) The proposed 96.6 sq. km area for reconnaissance survey (G4), falls in Survey of India Toposheet no. 73H/4, in parts of Nayagarh district, Odisha.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	In the proposed block, GSI has not yet carried out any REE exploration work. But, in the north-eastern part of the proposed block, GSI is continuously carrying out G4 and G3-level REE explorations with the similar geological set up and in the coming FSP, GSI will continue the exploration work in the proposed area and its surrounding areas. As the reports of

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		these investigation items are yet to be circulated, the REE potential of the proposed area is yet to be established. In the background information, proper references have not been provided for the previous GSI works. No Composite License or Mining Lease, either for major or minor minerals, exists within the proposed block. In view of the above observations, it will be wise to take up G-4 level REE exploration item after the circulation of the GSI reports.
2	AMD	AMD has not carried out reconnaissance / exploration work in the proposed area, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the said commodities mentioned.
3	MECL	The proposed Sarankul Area, Nayagp.rh District, Odisha by M/s Eartnenviro Pvt. Ltd. is overlapping with proposed MECL Patharkata Block in the southern part for which consent from the state govt. has already been accorded. The proposal is under preparation for submission in the forthcoming TCC. Hence, the agency may modify the proposed Sarankul Area after excluding the area of MECL
4	DGM	The area has been covered by DoMG during F.S 1992-95 for investigation for gemstones around Redhakhol. The area is covered by geological mapping on 1:25000 scale. The proposed area is covered by Granite gneiss, quartzite, khondalite, & pegmatites. During mapping, 20 pegmatites are located within the proposed area. A quartz vein of 25 m length & average width of 10 m was traced near 500 north of Baniaband. The proposed area is overlapping with Dalki-Kusumkhoh & Hatibahal blocks earlier proposed by MECL.
5	NMEDT	There are no completed or ongoing NMEDT-funded projects in the proposed block.

- c) This project was discussed in 28th TCC-II meeting where the committee deferred the proposal to upcoming TCC-II meeting due to overlap of the area with MECL's block and advised the agency to revise the area and revisit the ground and collect 4-5 samples independently. Based on favourable analytical results, the proposal may thereafter be resubmitted for review.
- d) The agency informed that GSI chemical data from the northeastern part of the area recorded a maximum Σ REE value of 52,744 ppm in apatite, with strong LREE enrichment over HREE. Σ REE values range from 102.54–18,415 ppm in regolith samples, 93.57–5,447.70 ppm in stream sediment samples, and 902–52,743 ppm in BRS samples. The agency first showed the analysis done by AAS method by their own laboratory. Further, the agency conducted a field visit and collected four samples, which recorded TREE values ranging from 600 to 900 ppm (approx.).

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- e) The committee observed that the method adopted was not correct as the results of analysis showed erroneous values. The committee advised analysis should be done by ICPMS method for reliable analysis results.
- f) In view of the above, the Committee opined that, values of TREE i. e. 600 to 900 ppm (approx.) from the proposed area are not significant to take up further investigation.

Recommendations of TCC-II

The Committee did not accord in principle approval to the proposal due to presence of insignificant values in sample analysis.

Agenda 34.3.12 Reconnaissance survey (G4) for REE, Zr, Hf, Ti, V, Ga & associated minerals in Chinthalapudi area, District, Alluri Sitatamaraju and Anakapalli, Andhra Pradesh.

ID: ME/IN/G4/AP/P/26-27/117

Area: 161 sq. km.

[Implementing Agency: M/s Critical Mineral Trackers (CMT)]

- a) The proposed 161 sq. km area for reconnaissance survey (G4), falls in Survey of India Toposheet no. 65K/6, in parts of Alluri Sitatamaraju and Anakapalli district, Andhra Pradesh.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	Overlaps with GSI FSP 2027-28, "Specialized thematic mapping in part of Eastern Ghats Mobile Belt around Nadimpalem area, Alluri Sitarama Raju district to study tectono-metamorphic evolution of granitoids and assessment of graphite and associated mineralization, Andhra Pradesh". Part of the proposed NPEA area falls with an approved mineral-based project of GSI for graphite and associated mineralization. Hence, the overlapping area may be excluded to avoid duplication of work.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	Not available
5	NMEDT	The proposed block constitutes upto 47.34% of Recorded Forest Area (RFA). There are no NMEDT funded blocks overlapping with the proposed block in NGDR.

- c) The agency informed that NGCM stream sediment data indicate TREE values of 1,600 to 2,500 ppm in parts of the proposed block, with La, Ce and Nd ranging from 300 to 500 ppm, 600 to 1,700 ppm and 300 to 470 ppm, respectively. LREE

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constitutes more than 80% of the total REE, while Zr (300 to 1,511 ppm), Hf (50 to 112 ppm) and significant Ti, V and Ga values further indicate mineralisation potential. Based on these results, the agency conducted a field visit and collected 15 bed rock samples (BRS) for chemical analysis for which results are awaited.

- d) In view of the above, The Committee opined that the chemical analysis results of the collected BRS samples should first be reviewed to determine the further course of exploration in the area.

Recommendations of TCC-II

The Committee deferred the proposal for chemical analysis results of collected BRS to next TCC-II meeting.

Agenda 34.3.13 Preliminary exploration (G3) for Manganese deposits in Guda Rampur block, District, Adilabad, Telangana.

ID: ME/IN/G3/TG/P/26-27/163

Area: 3.34 sq. km.

[Implementing Agency: M/s Critical Mineral Trackers (CMT)]

- a) The proposed block of 3.34 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet nos. 56I/5 & 56I/9, in parts of Adilabad district, Telangana.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	The G3 stage Guda Rampur Block proposed by the NPEA M/s. Critical Minerals Trackers (CMT) totally overlaps with the handed over Geological Memorandum (GM) block on limestone and Manganese of SU: Telangana, GSI which was auctioned in Phase-II (19.09.2025) by DMG, Telangana.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	This Guda-Rampur Block already auctioned in Phase-II as Composite Licence (CL)
5	NMEDT	The block is completely overlapping with the G4/GM auctionable block as per NGDR portal (Final report on reconnaissance survey for Manganese in the Pranhita-Godavari basin, Adilabad District, Telangana (G4)). There is one existing NMEDT funded block near the proposed block in NGDR.

- c) The Committee observed that the proposed block has an overlap with a GM block.
- d) In view of the above, The Committee did not accord in principle approval to the proposal.

Recommendations of TCC-II

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The Committee did not accord in principle approval to the proposal as the proposed block has an overlap with a GM block.

Agenda 34.3.14 Reconnaissance survey (G4) for REE and RM mineralisation in part of Akadara Santara-Jhund area, District, Balotra Rajasthan.

ID: ME/IN/G4/RJ/P/26-27/146

Area: 100 sq. km.

[Implementing Agency: M/s Vardan Environet LLP]

- a) The proposed 100 sq. km area for reconnaissance survey (G4), falls in Survey of India Toposheet nos. 40N/16 & 40O/13, in parts of Balotra district, Rajasthan.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	As per the outcome of the RMT item of GSI and surface sample data, TREE, Nb, and Zr values in the proposed G4 area are not encouraging, and the RMT team has not recommended this block as a future potential block. However, a GSI borehole drilled adjacent to the proposed block indicates a cumulative mineralized thickness of 13.65 m with $\sum \text{REE} + \text{Y} > 1000$ ppm, averaging 1166 ppm. The proposed NPEA block fully overlaps with the G4 projects approved by GSI for FS 2027-28.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	No exploration work has been undertaken by DMGR for REE, RM in this proposal area. DMGR does not have any past baseline data, thus no comments from DMGR in this regard. No mineral concession and litigation fall in this proposal area. As per aforesaid information, consent for exploration for this proposal is given, NPEA may be advised to get necessary information regarding status of forest from Forest department, Government of Rajasthan and further necessary permissions/clearances be obtained in this regard.
5	NMEDT	The project was discussed in the 18th TCC-2 meeting of NMEDT, where in "The TCC-II opined that several NMEDT-funded projects for REE/RM are currently underway in Rajasthan. The positive outcomes of these projects will be the key factor in determining the further exploration in these areas. There are no NMEDT funded blocks overlapping with the proposed block in NGDR.

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- c) The Committee observed that the proposed block overlaps with GSI's exploration area under FS 2027-28, which has undergone Internal Peer Review and has been approved for exploration by GSI.
- d) In view of the above, The Committee did not accord in principle approval to the proposal.

Recommendations of TCC-II

The Committee did not accord in principle approval to the proposal as the proposed block has an overlap with GSI's exploration area under FS 2027-28, which has undergone Internal Peer Review and has been approved for exploration.

Agenda 34.3.15 Reconnaissance survey (G4) for Glauconitic Potash bearing shale and sandstone mineralization around Amargarh, Daulatpura area, District, Karauli, Rajasthan.

ID: ME/IN/G4/RJ/P/26-27/153

Area: 45.5 sq. km.

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

- a) The proposed 45.5 sq. km area for reconnaissance survey (G4), falls in Survey of India Toposheet nos. 54B/12 & 54B/16, in parts of Karauli district, Rajasthan.
- b) The table containing the comments is given below:

S.No.	Agency	Comment
1	GSI	At present no G4 stage exploration project is going on in the proposed area. Exploration in the proposed area was not carried out by GSI. However, adjacent area has been explored by GSI for Glauconite (Potash). As per the previous exploration activity, the mineralized zones are predominantly confined to the shale units of the Panna Formation, which is part of the Rewa Group. The sandstone units belonging to the Indergarh Formation exhibit low K ₂ O values (%), suggesting limited potential for potash mineralization in these lithologies.
2	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block, previously. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodity mentioned.
3	MECL	No overlapping with the ongoing or completed blocks of MECL.
4	DGM	This proposal has already been replied by DMGR. Same information is being attached herewith- "Consent for exploration is given and NPEA may be advised regarding this proposed block area falling within 10 KM. ESZ of Kailadevi Wildlife Sanctuary and NPEA shall be liable to obtain any statutory clearances/permissions in this regard"

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5	NMEDT	North-eastern part of the proposed block and SW part lies within the Wildlife Sanctuary. Proposed block is very close to the Tiger Corridor in the southern part. There are no NMEDT funded blocks overlapping in the proposed area. There are NMEDT funded blocks far away from the proposed area.
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- c) The Committee referred to the minutes of 33rd TCC-II held on 21st and 22nd July, 2026 wherein it was informed that during the 7th tranche of auctions of critical and strategic mineral blocks conducted by the Ministry of Mines, 6 glauconite blocks could not be successfully auctioned. Out of these, 2 blocks had been explored by GSI and the remaining 4 blocks by NPEAs.
- d) The committee opined that the bidder response for the said commodity was poor and further beneficiation is difficult, therefore there was no point in approving such projects until there was success in bidding.
- e) Considering the above, the committee did not accord in principle approval to the proposal.

Recommendations of TCC-II

The Committee did not approve the proposal in principle due to poor rate of success of auction of Glauconitic Potash blocks and difficulty in beneficiation of the mineral.

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List of participants attended 34th meeting of Technical-cum-Cost Committee - II (TCC - II) of NMEDT held on 6th and 7th August, 2026 through video conferencing mode

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12	Mr. Rajneesh Purohit	-	-	-	M/s Enkay Enviro Servies Pvt. Ltd
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46	Shri Om Prakash Singh	Project Coordinator			M/s Wattfin Ventures Private Limited

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