Ministry of Mines
National Mineral Exploration & Development Trust
Minutes of 38th meeting of Technical-cum-Cost Committee - II (TCC - II)
held on 12th and 14th October, 2026

The 38th meeting of Technical-cum-Cost Committee–II (TCC-II) of National Mineral Exploration and Development Trust (NMEDT) was convened through video conferencing on 12th and 14th October, 2026. The meeting was Dr. S. Ravi, DDG & HOD, GSITI, and Chairman, TCC-II, NMEDT.

Members of TCC-II, NMEDT and representatives from M/s MMPL Private Limited, Mineral Exploration and Consultancy Limited (MECL), M/s Bhushilp Mines and Minerals Pvt Ltd, M/s Enkay Enviro Services Pvt. Ltd., M/s MMPL Private Limited, M/s Vardan Environet LLP, M/s AVSG Solution (OPC) Private Limited, M/s Mining Associates Private Limited, M/s PRB Infraprojects Private Limited, M/s. Sathi Planners Private Limited, M/s GeoExpOre Pvt Ltd, M/s South West Pinnacle Exploration Limited 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-II, NMEDT warmly welcomed all TCC-II members and every participant representing from State DGMs/DMGs, Notified Exploration Agencies (NEAs) and Notified Private Exploration Agencies (NPEAs).

38.1 Technical Evaluation of New Project Proposals

Agenda 38.1.1 Reconnaissance Survey of Carbonatite Hosted REE and RM in Mathwad area, District Alirajpur, Madhya Pradesh

ID: ME/IND/G4/MP/P/26-27/025

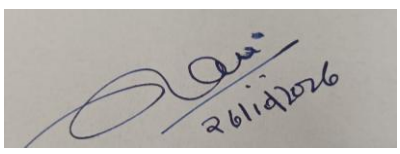
Area: 100 sq. km

[Implementing Agency: M/s MMPL Private Limited]

a) The proposed area of 100 sq. km for reconnaissance survey falls in Survey of India Toposheets no. 46J/04, 46J/08, 46K/01, 46K/05, in parts District Alirajpur, Madhya Pradesh

b) The table containing the comments is given below:

S.N.	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 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

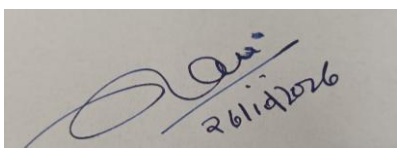
c) This project was approved in-principle in 34th TCC-II. In the meeting the committee advised the agency to maintain an appropriate distance from the Narmada River while delineating the block, considering the mineral exploration perspective and to suitably modify the area for DPR. In the present meeting the agency submitted the revised area of **100 sq. km.**

d) 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.

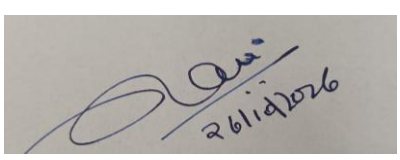
e) The committee based on the above observations recommended for the 5 scout boreholes with 500 m drilling quantum. The plan of boreholes is shown in Annexure 2C. However, the drilling quantum, along with the corresponding sampling and chemical analysis, may be revised during the first review based on the results of geological mapping and sampling. The committee recommended for change in title of the project to "Reconnaissance Survey (G4) for REE and RM in Mathwad area, Alirajpur District, Madhya Pradesh".

Recommendations of TCC-II

The committee recommended the proposal for approval of PSC for "Reconnaissance Survey (G4) for REE and RM in Mathwad area, Alirajpur District, Madhya Pradesh",



with an estimated cost of ₹ 156.27/- 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 3 months, 6 months and 9 months respectively.

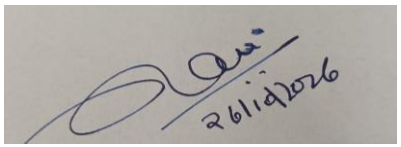


Annexure 2A

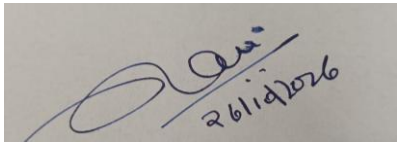
Estimated cost for Reconnaissance Survey (G4) for REE and RM in Mathwad area, Alirajpur District, Madhya Pradesh

Total area: 100 sq km, Period of Completion: 10 months, Drilling 100*5 BHs = 500 m, Review: 3 months, 6 months and 9 months

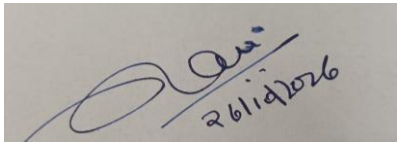
S. No.	Item of Work *	Unit *	Rates as per NMEDT SoC 2025-26		Estimated Cost of the Proposal		Remarks
			SoC-Item No. *	Rates as per SoC * (a)	Qty. (b)	Total Amount (Rs) (a*b)	
A	**Geological Mapping Other Geological Work & Surveying**						
	Large Scale Geological mapping, (1:12500)	per sq km	1.1b	18,300	100.0	1830000.00	
i	a. Charges for Geologist per day (Field)	day	1.2.1a.b	14,500	60	870000.00	Including drilling
ii	b. Labours Charges; Base rate	Day	5.8	565	120	67800.00	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
iii	c. Charges for Geologist per day (HQ)	Per day	1.2.1a.a	10,500	30	315000.00	



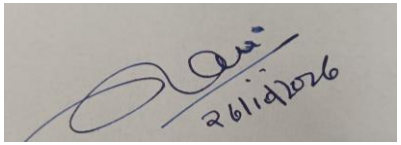
iv	d. Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	7,850	32	251200.00	
v	e. Labours (4 Nos)	day	5.8	565	128	72320.00	
	Sub Total- A					**3406320.00**	
C	**Survey work**						
a	DGPS Survey for BH fixation & RL determination, boundary determination	Per Point of observation	1.3.2	24,000	5	120000.00	5 BHs
	Sub-Total C					**120000.00**	
D	**Trenching/Pitting**						
	Trenching Work	**cum**	**2.1.1**	**4125**	**50**	**206250.00**	
	Sub-Toal-D					**206250.00**	
E	**Drilling**						
1	Drilling up to 400m (Hard Rock)	m	2.2.1.1d	10,000	500	5000000.00	5 scout boreholes
2	Land / Crop Compansation (in case the BH falls in agricultural Land)	per borehole	5.6	30,000	5	150000.00	As per actuals with maximum Rs. 30000 per borehole
3	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2000	5	10000.00	
4	Borehole plugging by cement	Lum sum per borehole	2.2.8	10000	5	50000.00	



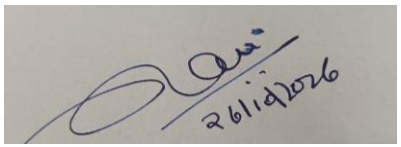
6	Core preservation	per m	5.3	1,590	190	302100.00	
7	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for |Drill Camp, Camp setting Lumpsum Jand winding and |construction of Approach |road)	lumsum	2.2.9			1250000.00	
	Sub Total E					**6762100.00**	
E	**LABORATORY STUDIES**						
	Chemical Analysis						
i)	**Geochemical Sampling-Surface samples (Bedrock/Channel)**						
	Major oxides (WD XRF) – (oxides + traces – 24 elements)	Per Sample	4.1.17a	4200.00	30	126000.00	All BRS to be channel samples
	Analysis of one rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element (U,Ta,Ge,Be,Hf,Sn,As,Rb,Th) by ICP-MS (sequential technique)	Nos	4.1.15	7400.00	150	1110000.00	
ii)	**Surface Check samples (10% External)**						



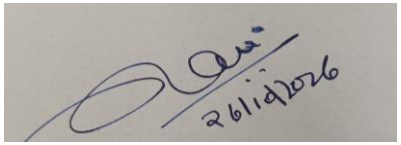
	Major oxides (WD XRF) – (oxides + traces – 24 elements)	Per Sample	4.1.17a	4200.00	3	12600.00	
	Analysis of one rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element (U,Ta,Ge,Be,Hf,Sn,As,Rb,Th) by ICP-MS (sequential technique)	Nos	4.1.15	7400.00	15	111000.00	
v)	**BH Core samples**						
	Analysis of one rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element (U,Ta,Ge,Be,Hf,Sn,As,Rb,Th) by ICP-MS (sequential technique)	Nos	4.1.15	7400.00	75	555000.00	REE and Nb
	Major oxides (WD XRF) – (oxides + traces – 24 elements)	Per Sample	4.1.17a	4200.00	5	21000.00	
vi)	**BH Core samples (10%External)**						
	Analysis of one rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element	Nos	4.1.15	7400.00	8	59200.00	



	(U,Ta,Ge,Be,Hf,Sn,As,Rb,Th) by ICP-MS (sequential technique)						
	Sub Total E					**1994800.00**	
F	**Physical & Petrological Studies**						
ii	Preparation of polished thin section of rock/ wafer	Nos	4.3.2	800	25	20000.00	
iii	Complete petrographic /ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo microgrphs)	Nos	4.3.4	2,800	25	70000.00	
vi	XRD- Identification of complex mineral/complex clay/unknown mineral assemblage/uranium mineral	Per Sample	4.5.2a	4,900	5	24500.00	
vii	EPMA studies	per hour	4.4.1	10500	10	105000.00	
viii	5.0 Miscellaneous Charges Administrative Charges for getting Forest Permission		5.7				As per actuals
	Sub Total F					**219500.00**	
G	**Total A to F**					**12708970.00**	
H	**Geological Report Preparation**	**soft copy**	**5.2**	**5.2 (ii)**		**250000.00**	



I	**Peer review Charges**		**As per EC decision**			**30000.00**	
J	**Preparation of Exploration Proposal (5 Hard copies with a soft copy)**	**soft copy**	**5.1**	2% or 5 lakh whichever is lower		**254179**	EA will be reimbursed after submission of the Hard Copies and the soft copy of the final proposal along with Maps and Plan as suggested by the TCC-NMET in its meeting while clearing the proposal.
K	**Total Estimated Cost without GST**					**13243149**	
	Provision for GST (18%)					**2383767**	GST will be reimbursed as per actual and as per notified prescribed rate
	Total Estimated Cost with GST					**15626916**	
Note:				**or Say Rs. In Lakhs**		**156.27**	
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.						

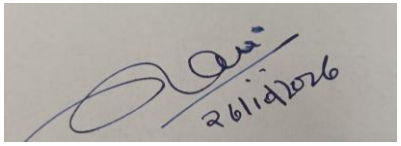


5	Any item of work not mentioned above shall be added as per SoC.
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.

Annexure 2B

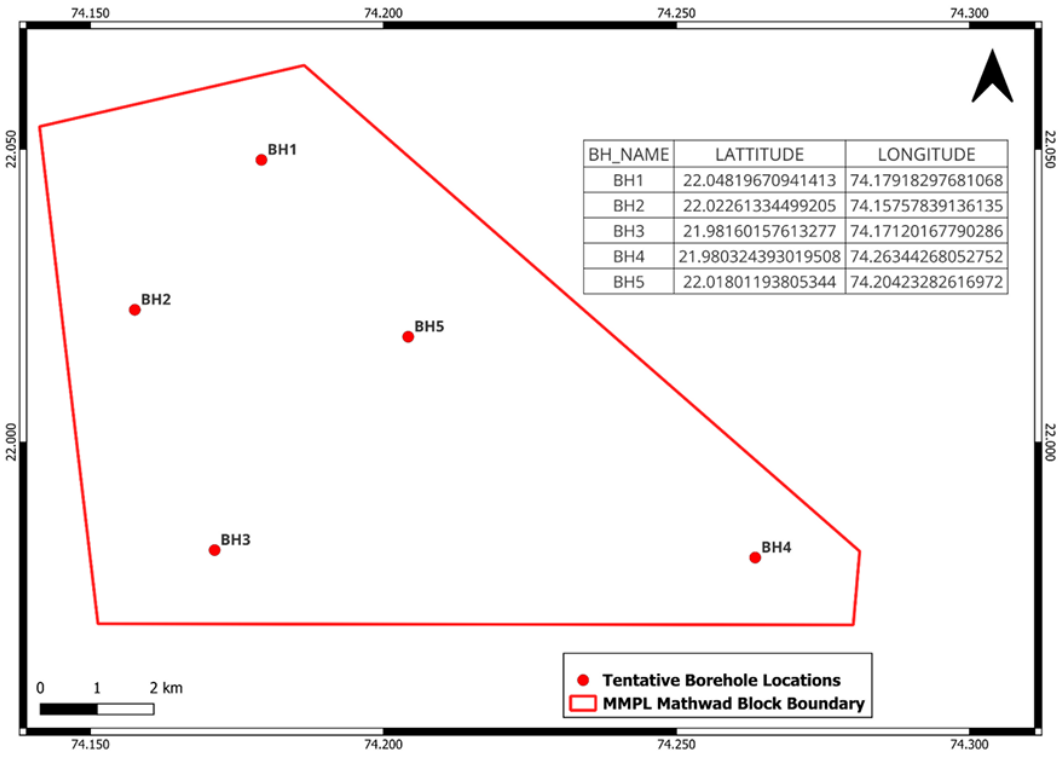
Timeline for Reconnaissance Survey (G4) for REE and RM in Mathwad area, Alirajpur District, Madhya Pradesh

S.No.	Nature of Work	M1	M2	M3	Review	M4	M5	M6	Review	M7	M8	M9	Review	M10
1	Camp Set up													
2	Geological mapping													
3	Chemical analysis of surface samples													
4	DGPS survey for fixation of borehole													
5	Drilling													
6	Chemical analysis of subsurface samples													
7	Peer Review													
8	Geological report preparation													

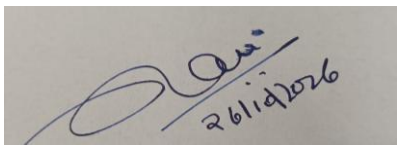


Annexure 2C

Tentative Scout borehole plan for Reconnaissance Survey (G4) for REE and RM in Mathwad area, Alirajpur District, Madhya Pradesh



BH_NAME	LATTITUDE	LONGITUDE
BH1	22.04819670941413	74.17918297681068
BH2	22.02261334499205	74.15757839136135
BH3	21.98160157613277	74.17120167790286
BH4	21.980324393019508	74.26344268052752
BH5	22.01801193805344	74.20423282616972



Agenda 38.1.2 Preliminary Exploration (G3) for Graphite & Vanadium in Ekhataya Block, Lower Subansiri District, Arunachal Pradesh

ID: ID:ME/IND/G3/AR/P/26-27/021

Area: 1.64 sq. km

[Implementing Agency: M/s MMPL Private Limited]

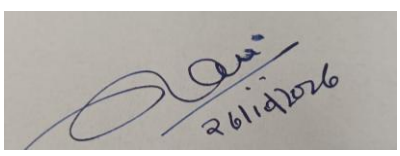
a) The proposed block of 1.64 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 83E/10, in parts of Lower Subansiri district, Arunachal Pradesh

b) The table containing the comments is given below:

S.N.	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% 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	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) This project was accorded in-principle in 34th TCC-II meeting.

d) 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

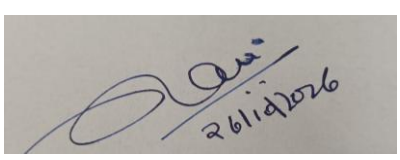


and Kugitago Miya blocks established significant V_2O_5 and FC mineralisation, with resource estimates reported in Sito Sikhe and Kugitago Miya blocks. Within the proposed Ekhataya Block, two trenches, one channel and three BRS locations from the 2018–19 LSM recorded 1,088–1,487 ppm V in trenches, 1,418 ppm V in the channel, and 785–2,547 ppm V in BRS samples, with FC values up to 18.05%.

e) The committee based on the above observations recommended for the 14 boreholes with 2000 m drilling quantum (including 1st and 2nd Level boreholes) at grid spacing of 200x200 m grid and atleast 100 m away from the boundary. The plan of boreholes 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. The committee recommended for change in title of the project to "Preliminary Exploration (G3) for Graphite and associated minerals in Ekhatya block, Keyi Panyor District, Arunachal Pradesh".

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for "Preliminary Exploration (G3) for Graphite and associated minerals in Ekhatya block, Keyi Panyor District, Arunachal Pradesh." with an estimated cost of ₹ 732.20/- 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 3 months, 6 months and 9 months respectively.

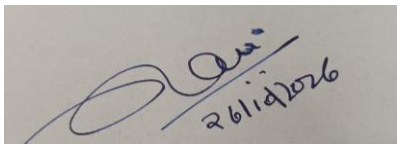


Annexure 3A

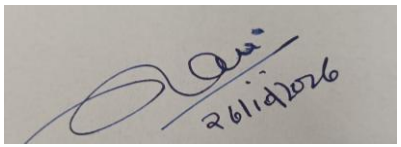
Estimated cost for Preliminary Exploration (G3) for Graphite and associated minerals in Ekhatya block, Keyi Panyor District, Arunachal Pradesh

Total area - 1.64 Sq. km; Drilling Meterage - 2000 m (14 boreholes), Period of completion - 12 months, Review after 3 months, 6 months and 9 months

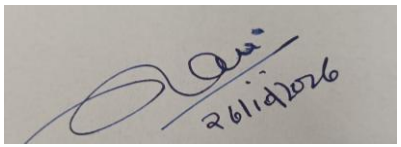
SL.No	Item Of Work*	Unit*	Rate As Per NMEDT SOC 2025-26		Estimated Cost of the Proposal			Remarks
			SOC. Item No	Rate As Per SOC* (a)	Qty. (b)	MF	Total Amount (Rs) (a*b)	
A	**Detailed Geological Mapping Other Geological Work & Surveying**							
	Geological mapping							
i	Detailed Geological mapping (1:2000)	Per Sq Km	1.1	28600	1.64		46904	
ii	Charges for field Geologist	day	1.2.1a.b	₹ 14,500.00	150	2X	₹ 43,50,000.00	
iii	Labours charges for Field Geologist	day	5.8	₹ 565.00	300	2X	₹ 3,39,000.00	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
iv	Charges for Geologist per day (HQ)	day	1.2.1a	₹ 10,500.00	30		₹ 3,15,000.00	
v	Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	₹ 7,850.00	119	2X	₹ 18,68,300.00	
vi	Charges for Labour	day	5.8	₹ 565.00	476	2X	₹ 5,37,880.00	
	Sub Total- A						**₹ 74,57,084.00**	
B	**Trenching/Pitting**							
i	Trenching	per cu.m	2.1.1	₹ 4,125.00	100	2X	₹ 8,25,000.00	
	Sub Total- B						**₹ 8,25,000.00**	
C	**Survey work**							



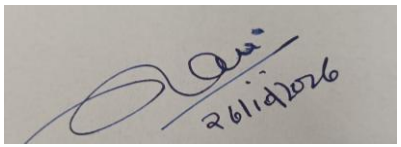
i	Drone Topographic survey, surface contouring at specific interval	per sq km	7b	₹ 70,000.00	1.64	2X	₹ 2,29,600.00	
ii	DGPS Survey for BH fixation and Cardinal Points of block	Per Point of observation of observation	1.3.2	₹ 24,000.00	18	2X	₹ 8,64,000.00	14 BH and 4 Cardinal Points of block boundary.
	Sub Total- C						**₹ 10,93,600.00**	
D	**Ground Geophysical Survey (in- house)**							
i	Charge for SP survey	Line km	3.3a	₹ 1,55,350.00	17		₹ 26,40,950.00	
	Sub Total- D						**₹ 26,40,950.00**	
E	**Drilling (in-house)**							
i	Drilling	per m	2.2.1.1 d	₹ 10,000.00	2000	2X	₹ 4,00,00,000.00	Drilling plan will be decided after DM and Geophysical survey
ii	Borehole deviation by multi shot camera	per shot	2.2.5	₹ 330.00	334	2X	₹ 2,20,440.00	
iii	Land / Crop Compensation (in case the BH falls in agricultural Land)	per borehole	5.6	₹ 30,000.00	14		₹ 4,20,000.00	As per actuals as certified by local authorities subject to a maximum of 30000 per borehole
iv	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	₹ 2,000.00	14	2X	₹ 56,000.00	
v	Borehole plugging by cement	per borehole	2.2.8	₹ 10,000.00	14	2X	₹ 2,80,000.00	
vii	Drill Core Preservation	per metre	5.3	₹ 1,590.00	500		₹ 7,95,000.00	This may change after Geological Mapping
viii	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drill Camp, Camp setting and winding, construction of Approach road)		2.2.9				₹ 25,00,000.00	10% of drilling cost with a maximum ceiling of 25 lakh.
	Sub Total- E						**₹ 4,42,71,440.00**	
F	**Laboratory Studies**							



1	**Chemical Analysis**							
i)	**Geochemical Sampling- Surface samples (Groove/Channel)**							
a	Proximate analysis for graphite	Nos	4.1.18	₹ 3,614.00	450		₹ 16,26,300	Channel-50,Trench S-100, CS=300(Quantum may be revised after Geological mapping) (No BRS only channel samples)
b	**Check samples (10% External)**	Nos	4.1.18	₹ 3,614.00	45		₹ 1,62,630	
c	**Major oxides (WD XRF)- (oxides+ traces -24 elements)**	Nos.	4.1.17a	₹ 4,200.00	450		₹ 18,90,000	
d	**10% Check Samples Major Oxides (WD XRF) with 24 Trace elements**	Nos.	4.1.17a	₹ 4,200.00	45		₹ 1,89,000	
e	**Analysis of one rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element (U,Ta,Ge,Be,Hf,Sn,As,Rb,Th) by ICP-MS (sequential technique)**	Per Sample	4.1.15	₹ 7,400.00	50		₹ 3,70,000	
f	Check samples (10% External) ICP-MS	Per Sample	4.1.15	₹ 7,400.00	5		₹ 37,000	
2	**Physical & Petrological Studies**							
i	Preparation of Polished section of rock	Nos	4.3.2	₹ 800.00	10		₹ 8,000	
ii	Complete petrographic/ ore microscopic study/ mineragraphic report of rock sample (along with 5 nos. digital photomicrographs)	Nos	4.3.4	₹ 2,800.00	10		₹ 28,000	



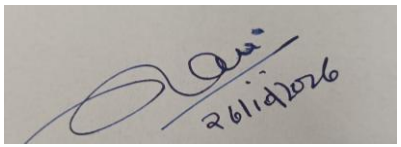
iv	Bulk density analysis	Nos	4.8.3	₹ 2,500.00	5		₹ 12,500	
v	EPMA Studies	per hour	4.4.1	₹ 10,500.00	10		₹ 1,05,000	
vi	Raman Spectroscopy	per hour	4.5.1	₹ 2,700.00	20		₹ 54,000	
	Sub Total- F						**₹ 44,82,430.00**	
G	**Total A to F**						**₹ 6,07,70,504.00**	
H	**Geological Report Preparation**	**soft copy**	**5.2**				**₹ 7,50,000**	**Reimbursement will be made after submission of the Final Geological report in the soft copy to NMEDT.**
I	**Peer review Charges**	**As per EC decision**		**₹ 30,000.00**	**1**		**₹ 30,000**	
J	**Preparation of Exploration Proposal (5 Hard copies with a soft copy)**	**soft copy**	**5.1**	**2% of the Cost or Rs. 5 Lakhs whichever is less**			**₹ 5,00,000**	**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.**
	Total Estimated Cost without GST						**₹ 6,20,50,504**	
	Provision for GST (18%)						**₹ 1,11,69,091**	**GST will be reimbursed as per actual and as per notified prescribed rate**
	Total Estimated Cost with GST						**₹ 7,32,19,595**	
Note				***Rs. In Lakhs***			**₹ 732.20**	
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.							



Annexure 3B

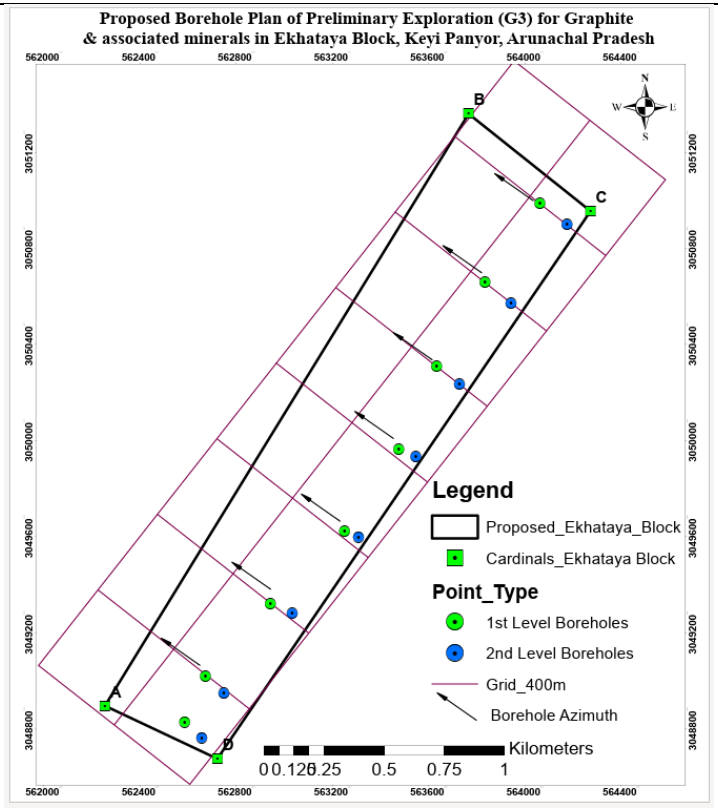
Timeline for Preliminary Exploration (G3) for Graphite and associated minerals in Ekhatya block, Keyi Panyor District, Arunachal Pradesh

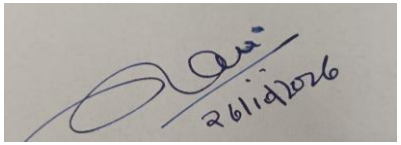
S. No	Nature of Work	Months												
		1	2	3	REVIEW	4	5	6	REVIEW	7	8	9	REVIEW	10	11	12
1	Camp Set up/Team Mobilization	■														
2	Geological mapping (DM) (sq. km)	■	■	■		■										
3	Drone Topographic survey			■		■										
4	Bed rock samples (nos.)		■	■												
5	Geophysical survey (SP survey) (L.km)			■												
6	Surface exploration-Trenching (cu. m)			■		■	■									
7	Trench sampling (nos.)			■		■	■									
8	DGPS survey for fixation of borehole and cardinal points											■				
9	Sub surface exploration – Drilling (m) (1st Level & 2nd Level Bhs.)									■	■	■		■		
10	Receipt of analyses and processing of analytical data			■			■	■		■	■	■		■		
11	GR preparation & Peer Review														■	■



Annexure 3C

Tentative borehole plan for Preliminary Exploration (G3) for Graphite and associated minerals in Ekhatya block, Keyi Panyor District, Arunachal Pradesh





Agenda 38.1.3 Preliminary Exploration (G3) of Ti, V and low-grade rock phosphate in Parbad- Kumir, Purulia District, West-Bengal

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

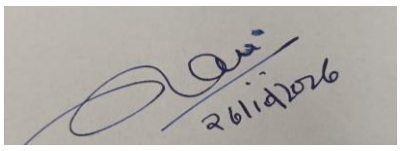
Area: 3.18 sq. km

[Implementing Agency: M/s MMPL Private Limited]

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	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	As per the available official records, no Composite Licence (CL) or Mining Lease (ML) presently exists within the proposed Parbad–Kumir Block area. The proposed area does not overlap with any existing FSP project of the Directorate of Mines & Minerals, Government of West Bengal. It is also observed that no actionable mineral block under the name of Parbad Kumir has been handed over by GSI to DMM for auction purposes. In this regard, it is to mention that the G-4 study carried over to DMM for auction purposes by the Bidh, Chiroguda, Kutni & Mednitnar areas and Parbad-Kumir Block for Apatite. The proposed project, i.e. REE & RM mineralization may yield an actionable Block for State in near future subject to successful establishment of resources of Apatite, Magnetite and associated Titanium, REE & RM mineralisation in G-4 Level by MMPL. DMG Jharkhand comments were not available.



5	NMEDT	One auctionable G-4 GM block for Phosphorite mineralization (Kumir Parbad) was present with in the proposed block. NMEDT funded blocks are not present adjacent to the proposed block in NGDR.

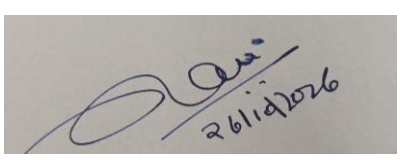
c) In the 37th TCC-II meeting the committee deferred the project for comments of DMG Jharkhand. The committee observed in the present meeting that the comments from the same agency was not received. The committee further observed that a small part in the western side of the block was falling in the Jharkhand and there was clearance from the DMM West Bengal. Considering these facts the committee advised the agency to modify the area after removing part falling in the state of Jharkhand. The agency following the advice of the committee modified the area to **3 sq. km.**

d) The agency informed the committee that the block lies within the North Singhbhum Mobile Belt, north of the Dalma Hills. The reported local lithologies include tuffaceous quartzite, banded magnetite quartzite, calc-silicate rock, tuffaceous phyllite, acid volcanics, amphibolite, apatite–magnetite-bearing metabasic rocks and hornblende-bearing granite gneiss with quartz-vein intrusions. GSI carried out earlier geological investigations in the Parbad–Kumir area and the surrounding region of Purulia, West Bengal, including detailed investigations for apatite around Beldih, Kutni and Chirugora (1977–79) and investigations for lead and copper in parts of Purulia, Bankura and Midnapore (1960–61). Regional GSI investigations reported TiO_2 values up to 5.57% and P_2O_5 values up to 4.17%, indicating the potential for titanium-bearing and apatite-associated mineralisation. Regional magnetic anomalies were also considered indicative of possible concealed Fe–Ti oxide mineralisation.

e) The agency further informed the committee that the agency collected and analysed six bedrock samples (BRS), which yielded TiO_2 values ranging from 3.17% to 5.53%, P_2O_5 from 1.67% to 3.12%, and V_2O_5 from below 0.05% to 0.07%. Petrographic examination of sample KTN-5 identified 76.10% hornblende, 10.10% ilmenite, 10.00% quartz and 3.80% apatite, indicating the presence of titanium-bearing minerals.

f) The committee observed that the controlling factor for the observed values need to be established for the mapped metabasic lithology and whole metabasic band could not be targeted. The committee suggested the agency to complete DM (1:2000), channel sampling (BRS) & trench sampling in I st Phase.

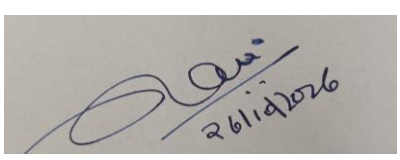
g) The committee based on the above observations recommended for the 10 boreholes with 1000 m drilling quantum at grid spacing of 400x400 m grid and atleast 100 m away from the boundary. The plan of boreholes is shown in Annexure 4C. However, the drilling quantum, along with the corresponding sampling and chemical analysis, may be revised during the first review based on the results of geological mapping and sampling. The committee recommended for change in title of the project to "Preliminary Exploration (G3) of Ti, V and



associated minerals in Parbad- Kumir block, Purulia District, West-Bengal" as no encouraging values for phosphorite was observed in the block.

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for "Preliminary Exploration (G3) of Ti, V and associated minerals in Parbad- Kumir block, Purulia District, West-Bengal.", with an estimated cost of ₹ 242.95/- 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 3 months, 6 months and 9 months respectively.

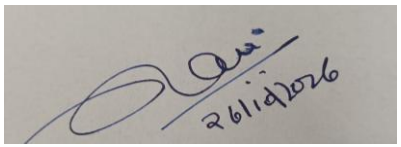


Annexure 4A

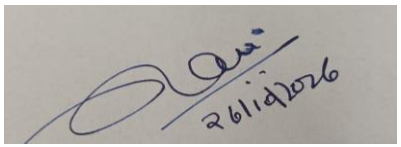
Estimated Cost for Preliminary Exploration (G3) of Ti, V and associated minerals in Parbad- Kumir block, Purulia District, West-Bengal

Total area - 3 sq.km; Drilling Meterage - 1000 m; 10 BHs; Period of completion - 12 months, Review - 3 months, 6 months and 9 months

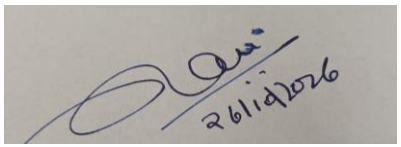
Sl. No	Item Of Work*	Unit*	Rate As Per NMEDT SOC 2025-26		Estimated Cost of the Proposal		Remarks
			SOC. Item No	Rate As Per SOC* (a)	Qty. (b)	Total Amount (Rs) (a*b)	
A	**Detailed Geological Mapping Other Geological Work & Surveying**						
	Geological mapping (1:2000)						
i	Detailed Geological mapping (1:2000)	Per Sq Km	1.1	₹ 18,300.00	3	54900	
ii	Charges for field Geologist	day	1.2.1a.b	₹ 14,500.00	100	₹ 14,50,000	including drilling
iii	b. Labours charges; Base rate (for 2 labours per geologists)	day	5.8	₹ 565.00	200	₹ 1,13,000.00	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
iv	c. Charges for Geologist per day (HQ)	day	1.2.1a.a	₹ 10,500.00	30	₹ 3,15,000.00	
v	Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	₹ 7,850.00	59	₹ 4,63,150.00	
vi	Charges for Labour	day	5.8	₹ 565.00	236	₹ 1,33,340.00	
	Sub Total- A					**₹ 25,29,390.00**	
B	**Trenching/Pitting**						
i	Trenching	per cu.m	2.1.1	₹ 4,125.00	100	₹ 4,12,500.00	Quantum may be revised as per the potentiality of the area
	Sub Total- B					**₹ 4,12,500.00**	
C	**Survey work**						
i	Charges for one qualified surveyor (Topographic survey, surface contouring at specific interval)	day	1.3.1	₹ 10,500.00	30	₹ 3,15,000.00	



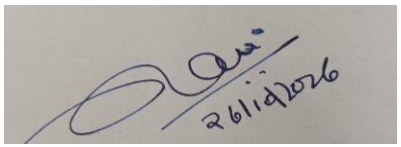
ii	DGPS Survey for BH fixation and Cardinal Points of block	Per Point of observation of observation	1.3.2	₹ 24,000.00	14	₹ 3,36,000.00	10 BH and 4 Cardinal Points of block boundary.
iii	Labours Charges for survey work; Base rate	day	5.8	₹ 565.00	120	₹ 67,800.00	
	Sub Total- C					**₹ 7,18,800.00**	
D	**Ground Geophysical Survey (in-house)**						
i	Charge for Magnetic survey (10–30 line km)	Per Station	3.2a	₹ 1,800.00	350	₹ 6,30,000.00	200m profile spacing and 50 m staion spacing
	Sub Total- D					**₹ 6,30,000.00**	
E	**Drilling (in-house)**						
i	Drilling	per m	2.2.1.1 d	₹ 10,000.00	1000	₹ 1,00,00,000	
ii	Borehole deviation by multi shot camera	per m	2.2.5	₹ 330.00	167	₹ 55,110.00	Each 6m interval
iii	Land / Crop Compensation (in case the BH falls in agricultural Land)	per borehole	5.6	₹ 30,000.00	10	₹ 3,00,000.00	As per actuals as certified by local authorities subject to a maximum of 30000 per borehole
iv	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	₹ 2,000.00	10	₹ 20,000.00	
v	Drill Core Preservation	per metre	5.3	₹ 1,590.00	250	₹ 3,97,500.00	
vi	Borehole plugging by cement	per borehole	2.2.8	10,000	10	₹ 1,00,000.00	
vii	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drilling Camp, Camp setting and winding, construction of Approach road)		2.2.9			₹ 15,00,000	
	Sub Total- E					**₹ 1,23,72,610.00**	
F	**Laboratory Studies**						
1	**Chemical Analysis**						
i)	**Geochemical Sampling**						
a	Major oxides (WD XRF)- (oxides+ traces -24 elements)	Nos	4.1.17a	₹ 4,200.00	400	₹ 16,80,000.00	Quantum may be revised as per the potentiality of the area



b	Check samples of major oxide (10% External)	Nos	4.1.17a	₹ 4,200.00	40	₹ 1,68,000.00	
c	Analysis of one rock/ soil sample for quantitative analysis of 14 REE elements + 9 trace element (U,Ta,Ge,Be,Hf,Sn,As,Rb,Th) by ICP-MS (sequential technique)	Per Sample	4.1.15	₹ 7,400.00	30	₹ 2,22,000.00	
d	Check samples (10% External) ICP-MS	Per Sample	4.1.15	₹ 7,400.00	3	₹ 22,200.00	
e	Analysis for Au by fire assay technique	Per Sample	4.1.5a	₹ 3,500.00	20	₹ 70,000.00	
f	Check samples (10% External)analysis for Au by fire assay	Per Sample	4.1.5a	₹ 3,500.00	2	₹ 7,000.00	
g	For PGE (ICP-MS Ni-S Fire assay technique)	Per Sample	4.1.6	₹ 13,600.00	20	₹ 2,72,000.00	
h	Check samples (10% External)analysis for PGE	Per Sample	4.1.6	₹ 13,600.00	2	₹ 27,200.00	
2	**Physical & Petrological Studies**						
i	Preparation of Standard thin section of rock	Nos	4.3.1	₹ 500.00	20	₹ 10,000.00	
ii	Complete petrographic/ ore microscopic study/ mineragraphic report of rock sample (along with 5 nos. digital photomicrographs)	Nos	4.3.4	₹ 2,800.00	20	₹ 56,000.00	
iii	EPMA studies	per hour	4.4.1	₹ 10,500.00	20	₹ 2,10,000.00	
iv	Bulk density analysis	Nos	4.8.3	₹ 2,500.00	5	₹ 12,500.00	
	Sub Total- F					**₹ 27,56,900.00**	
G	**Total A to F**					**₹ 1,94,20,200.00**	
H	**Geological Report Preparation**	**soft copy**	**5.2**			**₹ 7,50,000.00**	**Reimbursement will be made after submission of the Final Geological Report soft copy to NMEDT.**



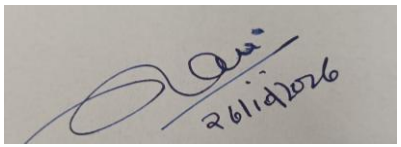
I	**Peer review Charges**	**As per EC decision**		**₹ 30,000.00**	**1**	**₹ 30,000.00**	
J	**Preparation of Exploration Proposal**	**soft copy**	**5.1**	**2% of the Cost or Rs. 5 Lakhs whichever is less**		**₹ 3,88,404.00**	**EA will be reimbursed after submission of soft copy of the final proposal along with Maps and Plan as suggested by the TCC-NMEDT in its meeting while clearing the proposal.**
	Total Estimated Cost without GST					**₹ 2,05,88,604.00**	
	Provision for GST (18%)					**₹ 37,05,949.00**	**GST will be reimbursed as per actual and as per notified prescribed rate**
	Total Estimated Cost with GST					***₹ 2,42,94,553***	
				Rs. In Lakhs		***₹ 242.95***	
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.						



Annexure 4B

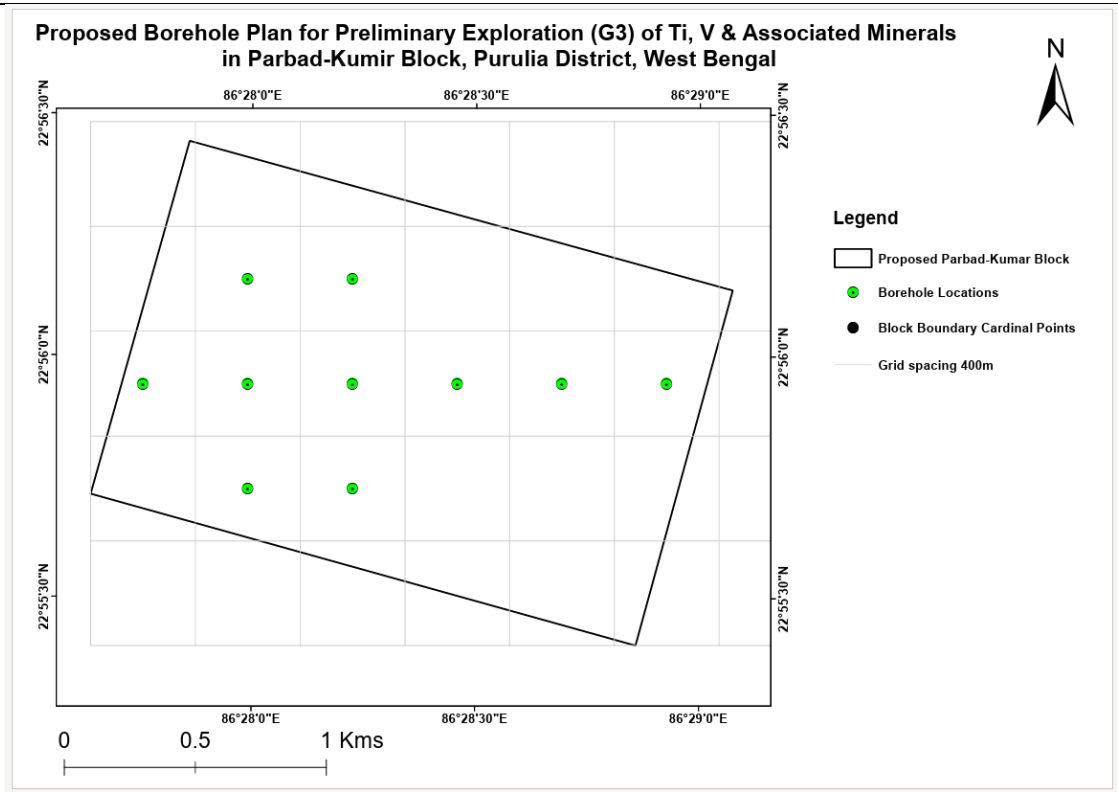
Timeline for Preliminary Exploration (G3) of Ti, V and associated minerals in Parbad- Kumir block, Purulia District, West-Bengal

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



Annexure 4C

Tentative borehole plan for Preliminary Exploration (G3) of Ti, V and associated minerals in Parbad- Kumir block, Purulia District, West-Bengal



26/1/2026

Agenda 38.1.4 Reconnaissance Survey (G4) for Bauxite, Aluminous laterite and other associated critical minerals in Bedmamari-Rawbeda area, District- Kondagaon, Chhattisgarh

ID: ME/DD/G4/CT/26-27/173

Area: 19.3 sq.km.

[Implementing Agency: DGM Chhattisgarh]

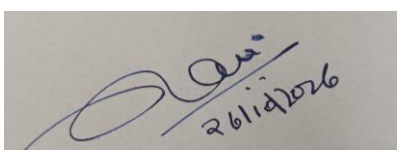
a) The proposed area of 19.3 sq. km. for reconnaissance survey, falls in Survey of India Toposheet no. 64H/8 & 64H/12, falls in parts of District- Kondagaon, Chhattisgarh.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	The BEDMAMARI – RAWBEDAMARI block proposed by DGM overlap with GSI LSM work Bandhanpara–Kuye–Kudarwahi–Bedmamari Plateaux Bauxite exporation carried out during 1979-81.
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	Not available
4	NMEDT	No NMEDT funded projects are present in the vicinity of the proposed block, as per the NGDR Portal. The proposed area falls with in the Recorded Forest Area (RFA) and no overlap has been observed with the ESZ/ESA, Tiger Corridor, or Protected Areas, as per the Parivesh Portal. (Forest area Constitues approx 55% from the total area)

c) The agency informed the committee that regionally, the area consists of a series of flat-topped hills and plateaus with narrow intervening valleys. The prospected blocks exhibit undulating topography. The laterite capping's, sandstone scarps and marginal nuclei's, seen at high levels, give a distinctive feature to the topography. The maximum elevation in the area is 780 meters above from mean sea level.

d) It further informed the committee that several agencies have conducted work regarding bauxite in this area, and significant reserves have already been estimated. However, no work has been undertaken concerning critical and strategic minerals in this region. In Keshkal area, bauxite deposits occur on top of the plateau, in the form of pockets in laterite capping's. The chemical analysis of bauxite of Keshkal area shows the average percentage of Al_2O_3 49.66%, Fe_2O_3 11.66% TiO_2 3.38% and SiO_2 13.80%, which makes these deposits economically viable as per the report titled Report on Prospecting of Bauxite around Keshkal area, Bastar District, M.P. State. (DGM Report, F.S. 1981-85).



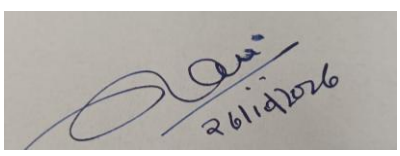
e) The agency further informed the committee that 8 surface samples of bauxite and laterite were collected from the proposed block. Analysis results revealed that the concentrations of vanadium and gallium in these samples exceeded the cut-off grade. Sub-Recent Bauxite, Laterite Bauxite is pisolitic to massive in nature. Massive bauxite is hard, compact, pinkish white to greyish in colour and breaks with conchoidal fracture, whereas, pisolitic bauxite is earthy, friable, cream to ash grey in colour and shows well developed pisolitic structure with dimensions 5 mm. to 3.5 cm., which are cemented in a ferrugineous and clayey matrix. Upper Proterozoic Indravati Group Sandstone (Bamni) Sandstone is a medium grained, buff grey coloured rock, composed essentially of rounded to sub-rounded grains of quartz and feldspar. 7 Analytical data of samples collected shows presence of bauxite and aluminous laterite with Al2O3 between 18.030% to 34.490 % Vanadium and Gallium values in Bauxite and Aluminous laterite are seen more than the cut-off value of V2O5 (0.05%) and Ga2O3 (0.003%) respectively. Vanadium values ranging from V2O5 (0.121%) to (0.190%) and Gallium values ranging from Ga2O3 (0.014%) to (0.007%) The present data available of the area indicates the presence of critical and strategic minerals in the area.

f) The committee based on above observations advised the agency that the area has potential to be a G3 block, as the mineralization was mainly concentrated on plateaus therefore the agency may narrow down the area to about 8-10 sq. km and propose a G3 project. The committee further advised the agency to visit the field and identify the area as discussed above.

g) The committee deferred the project proposal to the upcoming TCC-II meeting and advised the agency to submit a revised G3 proposal.

Recommendations of TCC-II

The committee deferred the project proposal to the upcoming TCC-II meeting and advised the agency to submit a G3 proposal after revision of the proposed area.

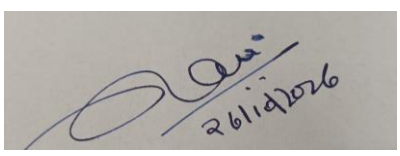


Agenda 38.1.5 Preliminary exploration (G3) for Vanadium, Aluminous Laterite & associated minerals in Khirhni block, Katni district, Madhya Pradesh.

ID: ME/DD/G3/MP/26-27/260
Area: 2.30 sq. km
[Implementing Agency: M/s BMRC Geomining Solutions Pvt Ltd]

a) The proposed area of 2.3 sq. km for preliminary exploration (G3) falls in survey of India Toposheet no. 780/11 in parts of Katni district, Madhya Pradesh.
b) The table containing the comments is given below:

S.N.	Agency	Comments
1	GSI	No overlap with the ongoing projects in the proposed area. GSI carried out Reconnaissance survey for Vanadium, Titanium and REE mineralization, in Gopalpur-Banhari-Hathra area Katni district, Madhya Pradesh, FS 2024-25. The area predominantly comprises successions of clay and laterite beds/ferruginous sandstone, and lateritic soil, all belonging to the Jabalpur Formation of the Gondwana Supergroup. Additionally, there is alluvium and transported soil. Small patches of porcellanite, belonging to the Semri Group of the Vindhyan Supergroup, were observed along the section of the Mahanadi River. The Vanadium, Titanium, REEs and associated mineralization observed in laterite, ferruginous sandstone and clay beds of Gondwana Supergroup. In the study area, clay beds of the Gondwana sequence directly overlie the porcellanite in the river section, except at one location where a small outcrop of conglomerate is exposed. The mapping revealed that ferruginous sandstone is evolving into laterite. Approximately 60% of the BRS samples exhibit V concentrations greater than 500 ppm, with values reaching up to 1900 ppm. In comparison, out of 50 PTS samples analyzed, 41 samples display V levels exceeding 800 ppm, with a maximum value of 1553 ppm. These results suggest that vanadium enrichment is likely due to adsorption on hematite/goethite surfaces during leaching processes. The above-mentioned block shows a good V value, and the proposed block lies within this area. Therefore, this area may be considered for further exploration.
2	MECL	No overlapping with the ongoing or completed blocks of MECL.
3	State DGM	Not available
4	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.
5	NMEDT	Proposed G3 Block Overlaps with exploration Block of Gsi_G4_Fs_2024-25(Reconnaissance survey for Vanadium, Titanium, Rees and Associated Mineralization in Laterite in Gopalpur- Banhari-Hathra Block, Katni District, Madhya Pradesh (G4). Proposed Block (App. 30%) falls within the Recorded Forest area. Proposed block does not show overlapping with NMEDT Funded blocks.

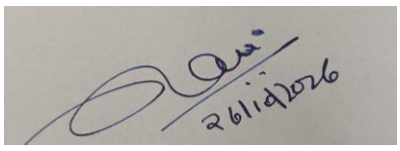
c) The agency referenced the GSI report FS 2024-25. GSI analysed 100 bedrock samples (BRS) and 50 pit/trench samples (PTS) for vanadium and associated elements. Vanadium concentrations reached 1,900 ppm in BRS and approximately 1,554 ppm in PTS; 58 of 100 BRS samples contained more than approximately 550 ppm V, while 41 of 50 PTS samples exceeded 660 ppm V. In the Khirhni block specifically, three BRS samples recorded 564.62–1,037.8 ppm V, while six trench samples recorded 712.64–1,225.11 ppm V. GSI also reported BRS Al_2O_3 values of 14.33–31.47% and PTS Al_2O_3 values of approximately 9.19–18.53% in its Khirhni-area dataset. The survey identified lateritic duricrust and ferruginous sandstone as important vanadium-bearing horizons, with enrichment interpreted to be associated with iron oxides, particularly hematite and goethite.

d) The agency informed the committee that it had collected 4 BRS samples from the block area. The results showed vanadium concentrations of 600–1,100 ppm, TiO_2 of 3.14–4.21%, Fe_2O_3 of 37.53–53.12%, and Al_2O_3 of 10.24–15.87%. The individual vanadium results were 600 ppm (B4/S1), 800 ppm (B4/S2), 1,000 ppm (B4/S3) and 1,100 ppm (B4/S4). The agency referenced GSI sampling within the proposed block, reporting three BRS samples with 564.62–1,037.8 ppm V and six PTS samples with 712.64–1,225.11 ppm V.

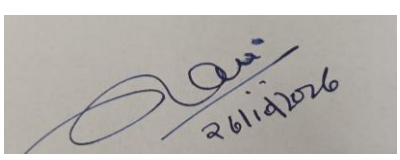
e) The committee based on the above observations recommended for the 11 boreholes with 110 m drilling quantum at grid spacing of 400x400 m grid and atleast 200 m away from the boundary. The plan of boreholes is shown in Annexure 5C. However, the drilling quantum, along with the corresponding sampling and chemical analysis, may be revised during the first review based on the results of geological mapping and sampling. The committee recommended for change in title of the project to "Preliminary exploration (G3) for Laterite hosted Vanadium and associated minerals in Khirhni block, Katni District, Madhya Pradesh" as the Al_2O_3 values in the samples (10.24–15.87% in agency BRS) did not support aluminous laterite as a target commodity

Recommendations of TCC-II

The Committee recommended the proposal for approval of PSC for "Preliminary exploration (G3) for Laterite hosted Vanadium and associated minerals in Khirhni block, Katni District, Madhya Pradesh.", with an estimated cost of ₹ 63.55/- lakhs



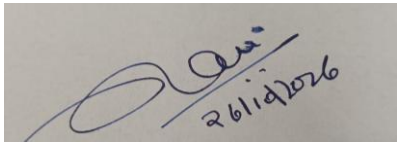
(including GST) within time schedule of 12 months for carrying out the proposed work and submission of geological report as per Annexure 5A & 5B. The project will be reviewed after 3 months, 6 months and 9 months respectively.



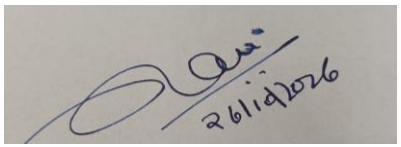
Annexure 5A

Estimated cost for Preliminary exploration (G3) for Laterite hosted Vanadium and associated minerals in Khirhni block, Katni District, Madhya Pradesh. Area: 2.3 sq. km, Drilling meterage- 110 m; BHs: 11; Schedule timeline- 12 months Review: After 3 Months, 6 months and 9 months]

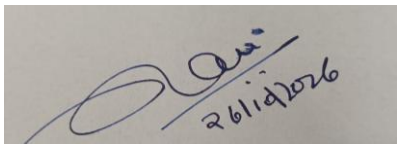
			Rates as per NMEDT SoC 2025-26		Estimated Cost of the Proposal		
S. No.	**Item of Work ***	**Unit ***	**SoC-Item No.***	**Rates as per SoC ***	**Qty.**	**Total Amount (Rs)**	**Remarks**
A	**Geological Mapping and Other Geological Work**						
i	**Geological mapping, (1:4,000 scale)**	per Sq Km	1.1	18,300	2.3	42090	
ii	Charges for Geologist per day (Field) for geological mapping with Sampling	day	1.2.1a.b	14500	90	1305000	
iii	Labours Charges	day	5.8	565	180	101700	
iv	Charges for Geologist per day (HQ)	day	1.2.1a.a	10500	30	315000	
v	**Sub Total- A**					**1763790**	
B	**Trenching/Pitting**						
	Excavation of Pit upto 2.0m depth	per cu.m	2.1.2	4725	50	236250	
	Sub Total- C					**236250**	
C	**Survey Work**						
	Charges of one qualified surveyor	per day	1.3.1	10500	30	315000	
	Labour Charges	Days	5.8	565	120	67800	
	Sub Total- D					**382800**	
D	**LABORATORY STUDIES**						
	Chemical Analysis (Surface)						
1	**Major oxide (WD XRF) - (oxides+Traces - 24 elements)**	Per sample	4.1.17a	4200	25	105000	



2	**10 % external check sample**	Per sample	4.1.17a	4200	3	12600	
3	**a. Analysis of one rock/soil sample for quantitative analysis of 14 REE elements + 9 trace element (Ga and Sc) by ICP-MS (sequential technique) + 10 % external check sample**	Per Sample	4.1.15	7400	15	111000	
4	**10 % external check sample**	Per Sample	4.1.15	7400	2	14800	
	Sub-Total-E					**243400.00**	
E	**Drilling**						
i	Drilling in / Drilling in Hard rock/ Strata: HQ size borehole upto 400m Depth and NQ Size beyond 400m depth In case NQ size drilling is done before 400m depth, the rate shall decrease by 20%	Per m	2.2.1.1c	5500	110	605000	
ii	Construction of concrete Pillar (12"x12"x30")	Per borehole	2.2.7	2000	11	22000	
iii	Borehole plugging by cement	Per borehole	2.2.8	10000	11	110000	
iv	**Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drill Camp, Camp setting and winding, construction of Approach road** a. For Drilling cost less than 50 lakhs: 25% of the Drilling Cost	Lumpsum	2.2.9			151250	
v	**Land Crop compensation**	Per borehole	5.6	30000	11	330000	
vi	**Drill Core Preservation**	Per m	5.3	1590	50	79500	
	Sub-Total- F					**1297750**	
F	**Survey Work**						
	Demarcation of lease boundary, Fixation of borehole and determination of co-ordinates & Reduced Level (RL) of the boreholes by DGPS (including charges for	Per point of observation	1.3.2	24000	15	360000	11 Borehole + 4 Cardinal points

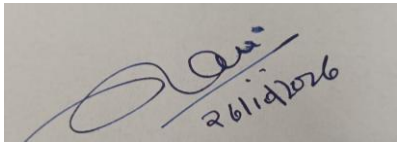


	labours deployed for the work) - use of CORS Network system for all DGPS is compulsory						
	Sub-Total- G					**360000**	
G	**LABORATORY STUDIES (Core Sample)**						
1	**Major oxide (WD XRF) - (oxides+Traces - 24 elements)**	Per sample	4.1.17a	4200	80	336000	
2	**10 % external check sample**	Per sample	4.1.17a	4200	8	33600	
3	**Analysis of one rock/soil sample for quantitative analysis of 14 REE elements + 9 trace element (Ga and Sc) by ICP-MS (sequential technique)**	Per Sample	4.1.15	7400.00	10	74000	
4	**10 % external check sample**	Per Sample	4.1.15	7400.00	1	7400	
	Sub-Total-H					**451000**	
H	**Physical & Petrological Studies**						
i	Preparation of standard thin section of rock	Nos.	4.3.1	500	5	2500	
Ii	Complete petrographic /ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital photo micrographs)	Nos.	4.3.4	2800	5	14000	
Iii	Bulk Density - Dry / Saturated	Per Sample	4.8.3	2500	5	12500	
	Sub-total-I					**29000**	
I	**Mineral Physics Study**						
	XRD analysis for identification of minerals	Per sample	4.5.2	4000	20	80000	
	Subtotal -J					**80000**	
J	Sampler Charges	Days	1.2.1b	7850	16	125600	
	Labour	Days	5.8	565	64	36160	
	Subtotal-K					**161760**	
K	**Total A to K**					**5005750**	
L	**Preparation of Exploration Proposal**	Soft Copy	5.1			**100115**	2% of approved project cost or 5 lakh whichever is lower
M	**Geological Report Preparation**	Soft Copy	5.2			**250000**	
N	**Peer Review**					30000	



	Total Estimated Cost without GST					**5385865**	
	Provision for GST (18%)					**969456**	
	Total Estimated Cost with GST					**6355321**	
	Total Estimated Cost with GST IN Lakhs					**63.55**	

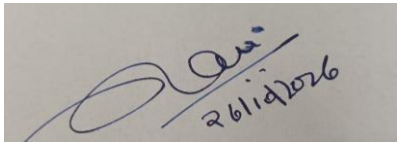
Note	
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines 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.



Annexure 5B

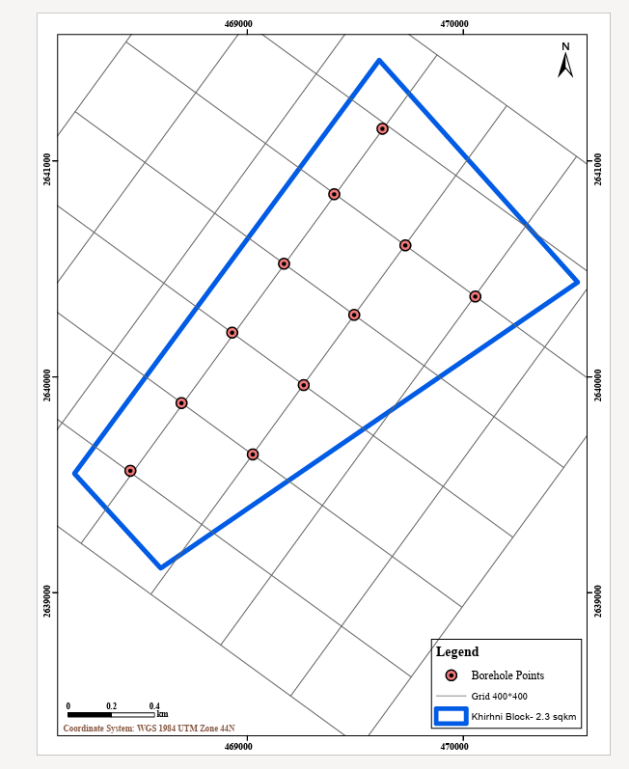
Timeline for Preliminary exploration (G3) for Laterite hosted Vanadium and associated minerals in Khirhni block, Katni District, Madhya Pradesh

S.No.	Item of work	Months														
		1	2	3	Review	4	5	6	Review	7	8	9	Review	10	11	12
1	Camp Setup															
2	Detailed Mapping (1:4000)															
3	Bed Rock Sampling															
5	Pitting															
6	Chemical analysis of surface samples															
7	Drilling															
8	Core sampling and its preparation															
9	Chemical analysis of Core Samples															
13	Processing of Analytical data															
15	Preparation of geological report with Peer review															



Annexure 5C

Tentative borehole plan for Preliminary exploration (G3) for Laterite hosted Vanadium and associated minerals in Khirhni block, Katni District, Madhya Pradesh



26/11/2026

Agenda 38.1.6 Preliminary exploration for Iron Ore in Gajraha-Bamuri Block, Sidhi District, Madhya Pradesh

ID: ME/DD/G3/MP/26-27/256

Area: 3.0 sq. km

[Implementing Agency: M/s Bhushilp Mines and Minerals Pvt Ltd]

a) The proposed block of 3.0 sq. km for preliminary exploration (G3), falls in Survey of India Toposheet no. 63H/15, in parts of Sidhi District, Madhya Pradesh.

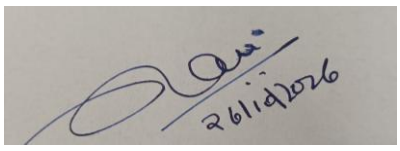
b) The table containing the comments is given below:

S.N.	Agency	Comment
1	GSI	Overlap with GSI project titled "Reconnaissance survey for Graphite and Rare earth elements (REEs) mineralisation around Kunri to Baharia areas, Mahakoshal belt, Sidhi District, Madhya Pradesh", FS:2020-21
2	MECL	It is observed that nearly 100% of the area of the block proposed by M/s Bhushilp Mines and Minerals Pvt Ltd overlaps with the future proposed block of MECL, for which consent has already been sought from the Department of Mines & Geology (DMG), Government of Madhya Pradesh. Hence, it is requested that the proposed block may not be considered for exploration at this stage.
3	AMD	Not available
4	DGM	Not available
5	NMEDT	Overlaps with NMEDT Funded Ongoing project of MMPL "Preliminary Exploration Survey (G3) of Iron Ore and associated minerals in Bamuri Block, Sidhi District, Madhya Pradesh". Recorded forest area is present.

c) The committee based on the NMEDT comments rejected the proposal in the present form and advised that the agency may carve out area leaving the overlap part. It further advised the agency that it may carry out field visit. The committee further advised that the NMEDT secretariat may share the coordinates of ongoing MMPL project which had overlap with the current proposal.

Recommendations of TCC-II

The committee rejected the proposal in the present form and advised that the agency may carve out area leaving the overlap part. It further advised the agency that it may carry out field visit.



Agenda 38.1.7 Preliminary exploration for establishing zones of Graphite and associated mineralization of Chauki block, Betul District, Madhya Pradesh

ID: ME/DD/G3/MP/26-27/244

Area: 2.00 sq. km

[Implementing Agency: M/s Bhushilp Mines and Minerals Pvt Ltd]

a) The proposed block of 2.00 sq. km area for preliminary exploration falls in Survey of India Toposheets no. 55G/09 & 55G/13, in parts of Betul District, Madhya Pradesh.

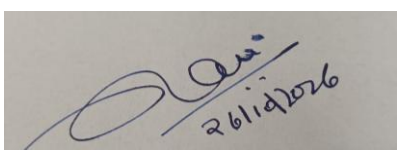
b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	Overlaps with GSI work, Reconnaissance Survey for aluminous laterite/Bauxite and associated mineralization in Mewa-Chakar Bareta-Turra areas, Satna District, Madhya Pradesh. FS-2024-25.
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 Department has no previous / ongoing / proposed exploration for Graphite mineral in the area proposed by Bhushilp. It is observed that there are no mineral concessions overlapped with the proposed area.
5	**NMEDT**	Proposed G3 Block Overlaps with Reconnaissance Survey for Graphite, 5 NMEDT basemetal and associated Mineralisation in Kolhudhana-Selu-Chauki-Pangra Areas, Betul Belt, Betul District, Madhya Pradesh. The proposed block has 40.0% overlap with the RFA (Recorded Forest Area) area. No overlap with NMEDT funded blocks.

c) In the 37th TCC-II the agency requested the committee to consider their agenda for discussion in next TCC-II meeting to present the integrated geological, geophysical results of the previous work.

d) The committee deferred the proposal to upcoming TCC-II meeting as there was no clear geological control inferred from the available data and advised the agency for integration of available data for discussions.

e) The agency informed the committee that the observed graphite band was about 125 m of length and corroborates with the area having geophysical signature of high chargeability and low resistivity.

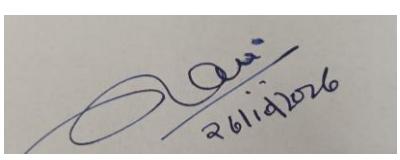


f) The committee observed that the agency had not visited the field to verify the integrated work carried out. It further opined that the observed data did not establish a mineralized zone to be taken up for G3 level of exploration and lack ground support.

g) The committee based on the above observations deferred the project proposal to upcoming TCC-II meeting and advised the agency to visit field area, study different varieties of litho types exposed in area/ do representative sampling/ analyse and formulate fresh proposal.

Recommendations of TCC-II

The committee deferred the project proposal to upcoming TCC-II meeting and advised the agency to visit field area, study different varieties of litho types exposed in area/ do representative sampling/ analyse and formulate fresh proposal.



Agenda 38.1.8 Preliminary exploration (G3) for Graphite, Vanadium & Other Trace Element Mineralization in Morda Block, Jaipur District, Rajasthan

ID: ME/DD/G3/RJ/26-27/263

Area: 3.0 sq. km

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

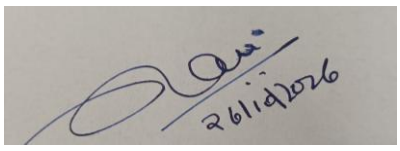
a) The proposed block of 3.00 sq. km area for preliminary exploration (G3), falls in Survey of India Toposheet no. 45J/13, in parts of Jaipur District, Rajasthan

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	At present, no project is being carried out in the proposed area. Overlaps with GSI G4 report titled "Reconnaissance survey for graphite associated mineralization in Gahlota – Sali – Pingun area, Ajmer and Jaipur District, Rajasthan. (UNFC-G4), FS 2024-25".
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 Enkay Enviro Services Pvt. Ltd. has no overlapping with the ongoing or completed blocks of MECL.
4	**DGM**	Not available
5	**NMEDT**	The proposed block overlaps by more than 50% with the GSI 2024-25 blocks (Reconnaissance survey for graphite, copper and associated mineralization in Sursura – Tyod – Marwa area, Ajmer and Jaipur District, Rajasthan. There are no NMEDT funded blocks overlapping with the proposed block in NGDR.

c) The agency informed the committee that the geological setting belongs to the Delhi Supergroup, with graphite mineralisation hosted predominantly by graphite-bearing biotite gneiss associated with mica schist, dolomitic/calc-gneiss units and amphibolite. The graphite occurs as flaky to disseminated mineralisation, mainly parallel to foliation, in stratiform to lensoidal bands controlled by foliation, folding and shearing along a broadly NNE–SSW trend.

d) The agency referenced the GSI G4 report FS 2024-25, GSI drilled four scout boreholes, of which three intersected graphite mineralisation. Borehole RJJGSP-01 recorded average FC of 1.58% and a maximum of 4.39%; RJJGSP-02 recorded average FC of 3.75% and a maximum of 4.27% over an 8 m mineralised zone. Borehole RJJGSP-03 is identified as the most promising, with average FC of 3.13%,



a maximum of 15.09% at 35 m, and three mineralised intervals: 26–68 m (42 m) at 4.95% FC, 74–80 m (6 m) at 2.11% FC, and 89–137 m (48 m) at 2.05% FC. Borehole RJJGSP-04 reportedly did not intersect significant graphite mineralisation. Associated-element results presented include approximately 761 ppm V, 710 ppm Cr and locally 770 ppm Cu, with Ni reported above 200 ppm and Co up to 65 ppm in the regional results. The borehole RJJGSP-03 falls in the proposed block.

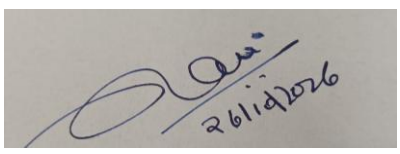
e) The agency further referenced the geophysical investigations described including a 6-channel electromagnetic (EM) anomaly survey, followed by induced polarisation (IP) and resistivity surveys, together with borehole geophysical logging. The work reports coincident chargeability and conductive/low-resistivity zones, negative self-potential (SP) anomalies spatially associated with low-resistivity zones, and elevated magnetic susceptibility in selected intervals. These responses are interpreted as supporting the identification of graphite-bearing horizons.

f) The committee observed that the mineralization was mainly associated with biotite Gneiss lithology. The committee advised the agency to modify the western boundary of the block after removing the calc-silicate part, keeping 200 m of it as buffer. The agency may include southern part keeping graphitic schist part.
The committee advised the agency to visit field area, plot BRS/BH location of G4 work falling in proposed block, establish/delineate MZ, collect channel samples from exposed mineralised zone, analyse samples and reformulate the proposal.

g) The committee advised the agency to change the title of the block as "**Preliminary exploration (G3) for Graphite, Vanadium & Other Trace Element Mineralization in North Morda Block, Jaipur District, Rajasthan**" to avoid duplicacy of block name as same name block work was undertaken by GSI.

Recommendations of TCC-II

The committee deferred the proposal for reformulation of proposal to upcoming TCC-II meeting. The committee advised the agency to modify the western boundary of the block after removing the calc-silicate part, keeping 200 m of it as buffer. The agency may include southern part. The committee advised the agency to visit field area, plot BRS/BH location of G4 work falling in proposed block, establish/delineated MZ, collect channel samples from exposed mineralised zone, analyse samples and reformulate the proposal.



Agenda 38.1.9 Reconnaissance Survey (G4) for Barium, Vanadium and other associated mineralization around N/V Andoli, Teekar, Dhoora Sangroli, District Almora, Uttarakhand.

ID: ME/IND/G4/UK/P/26-27/023

Area: 39 sq. km:

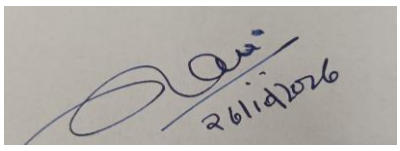
Implementing agency: [M/s Enkay Enviro Services Pvt. Ltd.]

a) The proposed reconnaissance survey (G4) of 39 sq. km. area, falls in Survey of India Toposheet number 53O/14 in parts of Almora District, Uttarakhand.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	GSI informed that during the 2024–25 field season, G-3 and G-4 stage investigations for vanadium and associated minerals were carried out in Almora District; however, the proposed area does not overlap with these studies. Further, GSI informed that inconsistencies in the map index and legend create ambiguity in interpretation. The target lithology (carbonaceous shale) is limited within the proposed block, which is predominantly schistose. Geochemical maps also show that V and Ba anomalies do not align with the block and largely occur outside it. In view of these discrepancies, the delineation of the proposed block requires further technical review before detailed exploration.
2	**AMD**	The proposed block does not overlap with AMD-explored or ongoing blocks.
3	**MECL**	The proposed block by M/s. Enkay Enviro Services Pvt. Ltd. has no overlapping with the ongoing or completed blocks of MECL.
4	**DGM**	The proposed block does not overlap ongoing work. No leases in the proposed block.
5	**NMEDT**	While submitting the proposal in NMEDT connect portal, the overlapping issue was observed with Geovale's approved block and the agencies were unable to submit their DPR proposals. Hence, both the agencies modified their blocks and submitted in the portal. The current modified area of the project is **40 sq. km.** No NMEDT funded block near the proposed block in NGDR. No overlap with ESZ, ESA, wildlife sanctuary, national parks etc. small recorded forest is present in NW part.

c) This project was accorded in-principle approval in 26th TCC-II meeting and the agency was advised to visit the proposed area and carry out limited fieldwork, including the collection and analysis of a few (4–5) samples, to generate additional mineralogical evidence in support of the exploration proposal.



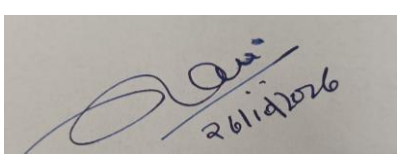
d) The agency informed the committee that the proposed block lies within the Almora Group and includes phyllite, carbonaceous phyllite, mica schist, chlorite schist and quartzite associated with the Gorakhnath and Gumalikhet formations. The agency referenced the Chaura–Sirmoli–Lohaghat area (G4), Champawat district, work during Field Season 2022–23, GSI, that reported V concentrations of 33–5,212 ppm and Ba concentrations of 164–40,682 ppm in carbonaceous phyllite bands of the Gumalikhet Formation, Almora Group. Notable results included sample CH-14, with 5,212 ppm V and 40,682 ppm Ba; sample BRS-18, with 4,094 ppm V and 20,262 ppm Ba; and sample BRS-40, with 3,627 ppm V and 30,093 ppm Ba. Associated enrichment included Y up to 444 ppm and Mo up to 288 ppm. The reported carbonaceous phyllite bands ranged from a few centimetres to approximately 80 m in thickness.

   In the Chaukhuri–Mulakot area, Almora and Champawat districts, during Field Season 2024–25 (G4), GSI reported V concentrations of 10–2,842 ppm, with a mean of 537 ppm, and Ba concentrations of 82–7,821 ppm, with a mean of 2,014 ppm, in bedrock samples. Channel samples recorded V values of 93–4,260 ppm, with a mean of 993 ppm, and Ba values of 410–28,529 ppm, with a mean of 4,733 ppm. Associated polymetallic enrichment included Cu up to 629 ppm, Pb up to 539 ppm, Zn up to 719 ppm and Cr up to 1,150 ppm. Based on persistent geochemical anomalies and favourable carbonaceous phyllite horizons, GSI recommended G3-stage exploration in priority sectors.

e) A total of 20 bedrock samples (BRS) were collected, of which 9 representative samples were analysed by Shiva Analytical Laboratory using ICP-OES finish, as reported in the DPR. The analysed samples recorded V_2O_5 values of 0.02–0.29% and Ba values of 803–2,973 ppm. Sample AL/BRS/13 showed a notable multi-element association, with 0.26% V_2O_5, 2,973 ppm Ba, 3.91% carbon, Mo 41.9 ppm, Ni 126 ppm and Cu 104 ppm; the DPR narrative also reports SO_3 of 13.48% for this sample. Other elevated Ba results included 2,490 ppm in AL/BRS/04, 2,859 ppm in AL/BRS/15 and 2,566 ppm in AL/BRS/09. The agency interpreted these results as indicating localised V–Ba and associated-element enrichment

f) The committee observed that Almora district is not covered under the districts notified for the cost multiplication factor; accordingly the factor has not been applied. The Himalayan-region rate for geological mapping (SoC item 1.1c, elevation >1,000 m) has been applied. The committee asked about the consent of the agency of doing exploration work in the proposed present area without Cost multiplication factor. The agency informed the committee that they would carry out exploration work without cost multiplication factor.

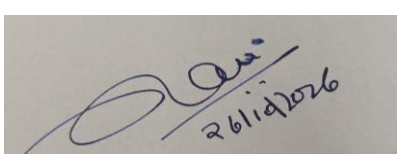
g) The committee based on the above observations recommended for the 3 scout boreholes with 300 m drilling quantum. The plan of boreholes is shown in Annexure 6C. However, the drilling quantum, along with the corresponding sampling and chemical analysis, may be revised during the first review based on the results of geological mapping and sampling. The committee recommended for change in title of the project to "**Reconnaissance Survey (G4) for Barium,**



Vanadium and associated mineralization around N/V Andoli, Teekar, Dhoora Sangroli, District Almora, Uttarakhand".

Recommendations of TCC-II

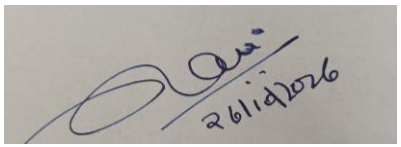
The Committee recommended the proposal for approval of PSC for "Reconnaissance Survey (G4) for Barium, Vanadium and associated mineralization around N/V Andoli, Teekar, Dhoora Sangroli, District Almora, Uttarakhand.", with an estimated cost of ₹ 108.10/- lakhs (including GST) within time schedule of 10 months for carrying out the proposed work and submission of geological report as per Annexure 6A & 6B. The project will be reviewed after 3 months, 6 months and 9 months respectively.



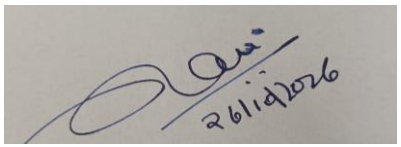
Annexure 6A

Estimated Cost for Reconnaissance Survey (G4) for Barium, Vanadium & Associated Mineralization in Andoli - Teekar area, Almora District, Uttarakhand Area: 40 sq. kms, Drilling Meterage: 300 m, BH-3, Timeline: 10 months, Review after 3 months, 6 months and 9 months

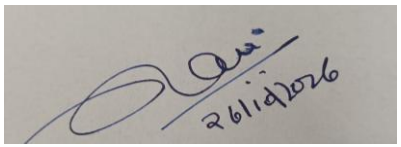
S.No.	Item of Work	Units	Rates as per NMEDT SoC 2025-26		Estimated Cost of the Proposal		Remarks
			SoC Item No. *	Rates as per SoC * (a)	Qty. (b)	Total Amount (Rs) (a*b)	
1	**Geological Mapping & Other Geological Work**						
a	Large Scale (LSM) Geological Mapping 1:12500	Per Sq. Km	1.1.c	₹ 28,600	40	₹ 11,44,000	Himalayan Region Rate
b.	Charges for Geologist per day (Field)	day	1.2.1a(b)	₹ 14,500	100	₹ 14,50,000	
c.	Labour Charges	day	5.8	₹ 565	200	₹ 1,13,000	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
d.	Charges for one Geologist per day (HQ)	day	1.2.1a.a	₹ 10,500	30	₹ 3,15,000	
e.	Charges for one Sampler per day	one sampler per day	1.2.1b	₹ 7,850	25	₹ 1,96,250	



f	Labours (4 Nos)	day	5.8	₹ 565	100	₹ 56,500	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
	Sub Total- 1					**₹ 32,74,750**	
2	**SURVEY WORK**						
a.	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	1.3.2	₹ 24,000	3	₹ 72,000	3 Scout Boreholes
	Sub Total:- 2					**₹ 72,000**	
3	**TRENCHING/PITTING**						
a	Trenching	per cu. m	2.1.1	₹ 4,125	160	₹ 6,60,000	
	Sub Total:- 3					**₹ 6,60,000**	
4							



a	Drilling (Outsource)	m	2.2.1.1d	₹ 10,000	300	₹ 30,00,000	Three (03) nos. of scout drilling of average 100m depth
b	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	₹ 30,000	3	₹ 90,000	As per Actual as certified by local authorities subject to a maximum of Rs. 30000 per borehole
c	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	₹ 2,000	3	₹ 6,000	
d	Borehole plugging by cement	Lumpsum per borehole	2.2.8	₹ 10,000	3	₹ 30,000	
e	Drill Core Preservation	per m	5.3	₹ 1,590	100	₹ 1,59,000	
	Sub Total:- 4					**₹ 32,85,000**	
5	**LABORATORY STUDIES**						
	Chemical Analysis						
a	Major oxides (WD XRF) - (oxides + traces- 24 elements)	Nos	4.1.17a	₹ 4,200	90	₹ 3,78,000	
b	Check samples External (10%)	Nos	4.1.17a	₹ 4,200	9	₹ 37,800	
c	Analysis of one rock/soil sample for quantitative analysis of 14 REE elements+9 Trace element (V, Ba, Ga, Mo,	Nos	4.1.15	₹ 7,400	20	₹ 1,48,000	



	U, Cu, Pb, Zn, Y) by ICPMS						
d	Check samples external (10%)	Nos	4.1.15	₹ 7,400	2	₹ 14,800	
e.	Proximate analysis of Graphite	per sample	4.1.18	₹ 3,614	90	₹ 3,25,260	
f	Check samples (10%) Proximate analysis of Graphite	per sample	4.1.18	₹ 3,614	9	₹ 32,526	
g	RAMAN spectroscopy study per hour	per hours	4.5.1	₹ 2,700	20	₹ 54,000	
	Sub Total:- 5					**₹ 9,90,386**	
6	**PETROLOGICAL STUDIES**						
a	Preparation of polished thin section of Rock	Nos	4.3.2	₹ 800	18	₹ 14,400	
b	Complete Petrographic/ore microscopic study/mineragraphic report of rock sample (along with 5 nos. digital	Nos	4.3.4	₹ 2,800	18	₹ 50,400	

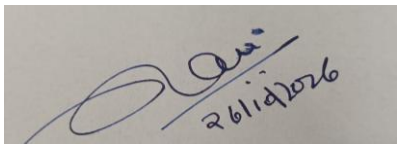
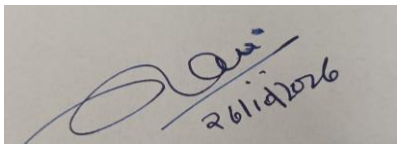
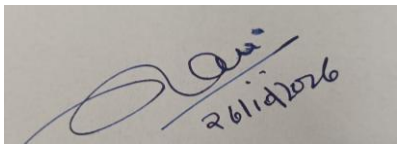


	photo micrographs)						
	Sub Total:- 6					**₹ 64,800**	
7	**Total 1 to 6**					**₹ 83,46,936**	
8	Tendering Process Cost	One time in case of outsourced component(s) of project work		2% of the approved project cost or 5 Lakh whichever is lower will be paid one time		**₹ 60,000**	
9	Technical Supervision cost			10% of the sum of all the outsourced work components with a maximum ceiling of ₹ 20 lakh		**₹ 3,00,000**	
					Total	**₹ 87,06,936**	



10	**Geological Report Preparation**	Nos	**5.2**	Total cost exceeding ₹50 lakh but less than 150 lakh: ₹2.5 lakh		**₹ 2,50,000**	
10	**Peer review Charges**	**Lumpsum**	**As per EC decision**			**30000**	
11	**Preparation of Exploration Proposal with a soft copy**	**soft copy**	**5.1**	**2% of the Cost or Rs. 5.0 Lakhs whichever is less**		**₹ 1,74,139**	EA will be reimbursed after submission of soft copy of the final proposal along with Maps and Plan as suggested by the TCC-NMEDT in its meeting while clearing the proposal
	Total Estimated Cost without GST					**₹ 91,61,075**	
	GST @18%					**₹ 16,48,993**	GST will be reimbursed as per actual and as per notified prescribed rate
	Total Estimated Cost with GST					**₹ 1,08,10,068**	
Note				**Or Say Rs. In Lakhs**		**₹ 108.10**	
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.						

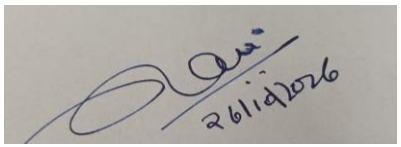


2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.
3	If any part of the project is outsourced, the amount will be reimbursed as per Item no. 6 of NMEDT SoC. In case 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.

Annexure 6B

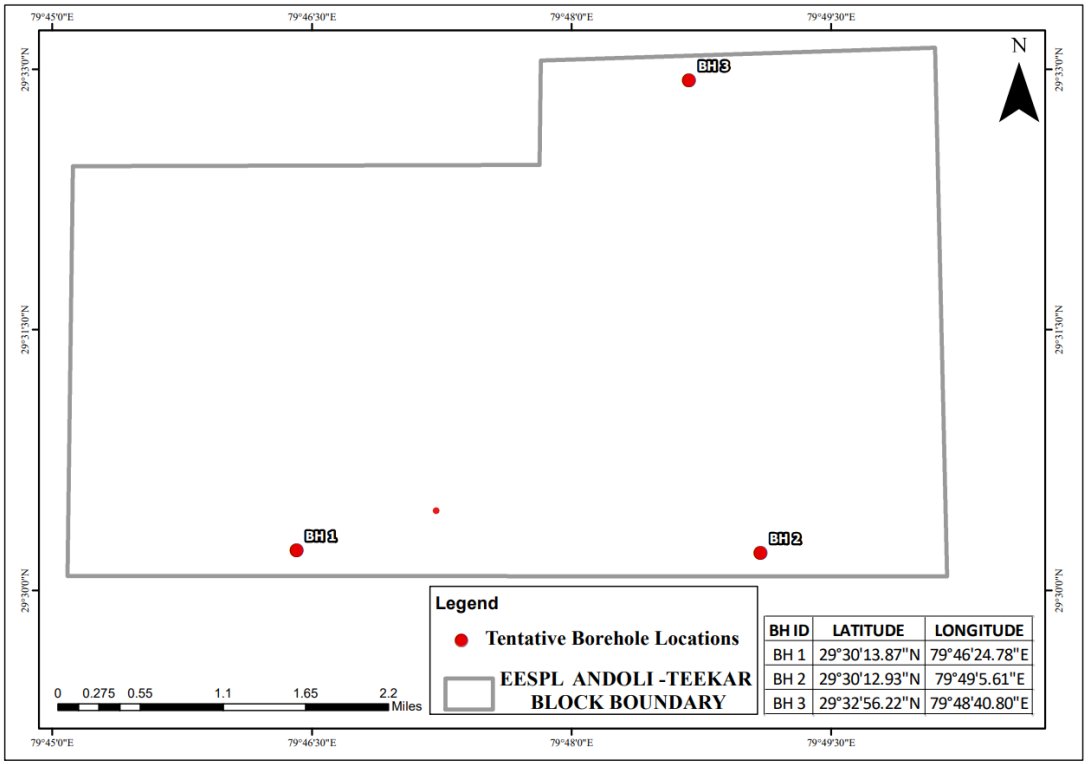
Timeline for Reconnaissance Survey (G4) for Barium, Vanadium & Associated Mineralization in Andoli - Teekar area, Almora District, Uttarakhand

S.No.	Nature of Work	M1	M2	M3		M4	M5	M6		M7	M8	M9		M10
1	Camp Set up				Review				Review				Review	
2	Geological mapping													
3	Chemical analysis of surface samples													
4	DGPS survey for fixation of borehole													
5	Drilling													
6	Chemical analysis of subsurface samples													
7	Peer Review													
8	Geological report preparation													

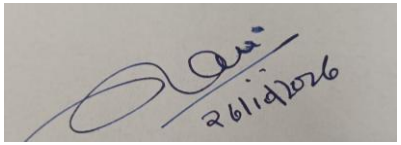


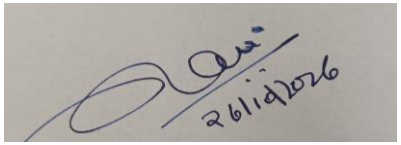
Annexure 6C

Tentative borehole plan for Reconnaissance Survey (G4) for Barium, Vanadium & Associated Mineralization in Andoli - Teekar area, Almora District, Uttarakhand



BH ID	LATITUDE	LONGITUDE
BH 1	29°30'13.87"N	79°46'24.78"E
BH 2	29°30'12.93"N	79°49'5.61"E
BH 3	29°32'56.22"N	79°48'40.80"E




26/11/2026

38.2 Review of Ongoing Projects/ Completed Project & Timeline Extension

Agenda 38.2.1 Reconnaissance Survey (G4) for Graphite in Gokhra area, (Cluster 16), District: Kalahandi, Odisha

[Implementing Agency: CMPDIL]

a) The agency informed that the project was recommended in 23rd meeting of TCC-II held on 16th and 17th February 2026 and approved in 6th PSC meeting held on 2nd March October 2026 for ₹123.59/- Lakh (including GST) with timeline of 10 months up 23.3.2026 to 22.1.2027. The drilling programme comprised 350 m in total, covering 5 boreholes.
b) The agency informed the committee that out of 75 sq. km quantum it has completed 45 sq. km, BRS samples analysed 14 out of 50 samples and pitting, SP survey and drilling was pending. The main lithology were granitic gneiss, quartzite and calc silicate.
c) The committee enquired about the control of mineralization in the area mapped and suggested the agency to carryout the remaining work come up again with updated results for drill borehole location decision.

Recommendations of TCC-II

The committee advised the agency to carryout the remaining exploration work and come up for review for boreholes location finalization.

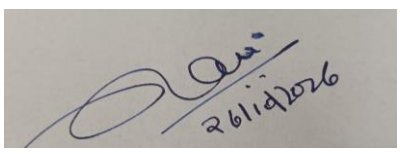
Agenda 38.2.2 Reconnaissance Survey (G4) For Copper in Jiawan Area, District: Singrauli, State: Madhya Pradesh

[Implementing Agency: CMPDIL]

a) The agency informed that the project was recommended in 23rd meeting of TCC-II held on 16th and 17th February 2026 and approved in 6th PSC meeting held on 2nd March October 2026 for ₹123.59/- Lakh (including GST) with timeline of 10 months up 23.3.2026 to 22.1.2027. The drilling programme comprised 300 m in total, covering 5 boreholes.
b) The agency informed the committee that they have completed 35 sq. km mapping out of 45 sq. km approved quantum, pitting and drilling were pending. The committee observed that the BRS analysis results showed Cu values < 500 ppm. The committee observed that the results were not encouraging and advised the agency to complete Geological Mapping and surface sample analysis, get it reviewed in upcoming TCC-II meeting

Recommendations of TCC-II

The committee advised the agency to carry out the remaining exploration work and come up for review in upcoming TCC-II meeting.



Agenda 38.2.3 Preliminary Exploration (G3) for Potash mineralization in Kalu Block, Bikaner District, Rajasthan

[Implementing Agency: FAGMIL]

a) The project was recommended during the 12th Meeting of TCC-II, held on 22nd, 25th, 26th & 27th August, 2025, and was subsequently approved in the 1st PSC Meeting held on 9th October, 2025. The Sanction Order was issued on 10/11/2025, approving the project at a cost of ₹416.83/- lakhs (including GST) with a scheduled duration of 10 months, up to 9/9/2026.

b) In the 32nd TCC-II meeting the agency requested increase in the approved drilling quantum to intersect the mineralized Halite cycles present within the block. The committee recommended an additional 720 m of drilling quantum across all 4 boreholes (@ 180 m each) up to depth of 830 m or to the top of Jodhpur Formation whichever is earlier. The committee advised that drilling must be terminated upon encountering the Jodhpur Formation. The committee further advised the agency to consult the GSI for guidance on the drilling programme.

c) In the 37th TCC-II meeting the committee recommended the proposal for approval of PSC for "timeline extension up to 31st December 2026 for completion of remaining exploration work and submission of geological report. The committee observed that the borehole KBH-01 had not been completed fully therefore asked the agency to submit the justification in this regard and prepare the correlation data of the drilled boreholes and the analysis results and show before the committee in the upcoming TCC meeting

d) The agency requested the committee about the change in title of the block from G3 level of exploration to G4 level of exploration and area of the block to 20.3 sq. km respectively.

e) The committee observed that in the 12th TCC-II as BHs were planned in 1600m grid as per the recommendation of the committee. Therefore, the committee recommended for changed title of the project as" **Reconnaissance survey (G4) for Potash mineralization in Kalu Block, Bikaner District, Rajasthan" and for changed area of 20.3 sq. km in approved cost sheet of the project.**

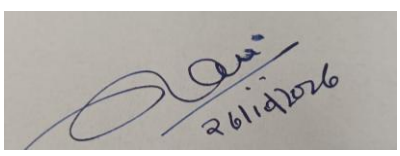
Recommendations of TCC-II

The committee recommended for changed title of the project as" Reconnaissance survey (G4) for Potash mineralization in Kalu Block, Bikaner District, Rajasthan" and for changed area of 20.3 sq. km in approved cost sheet of the project.

Agenda 38.2.4 Preliminary Exploration (G-3) of Ion-Adsorption and Laterite Hosted Supergene Enriched REE Deposits in Sung Valley Block, East Khasi and West Jaintia Hills districts, Meghalaya.

[Implementing Agency: DMR Meghalaya]

a) The project was recommended in the 57th TCC meeting held on 26th & 27th September, 2023 and approved in the 32nd EC meeting held on 6th December, 2023. The project was approved with a scheduled timeline of 15 months at a sanctioned cost of ₹300.94/- lakhs (including GST). The Sanction Order was issued on 12th December, 2023. Scheduled project completion timeline was 11th March, 2025.



b) The project was reviewed in 11th meeting of TCC-II held on 23rd, 24th, 25th and 30th July, 2025, wherein the Committee recommended a timeline extension of 5 months up to 9th November, 2025 for GR submission, which was approved in 1st PSC meeting held on 9th October, 2025. The project was reviewed again during the 18th meeting of TCC-II held on 4th & 8th December, 2025, where the Committee recommended a timeline extension of 4 months and 22 days up to 31st March, 2026, as the tender process for outsourcing certain components of the work was still in progress. Subsequently, it was approved in 4th PSC meeting held on 13th January, 2026. Further, during the 25th meeting of TCC-II held on 17th and 18th March, 2026, the Agency had informed that the bidding process for outsourced drilling under this project was currently in progress, so, the Committee advised the agency to expedite the tendering process and provide a firm timeline for completion of the project work. In its 28th meeting held on 7th and 8th May, 2026, since no presentation was made by the Agency, the TCC-II directed the Agency to present the progress of the project through a PowerPoint Presentation (PPT) in the next TCC-II meeting, based on which the further course of action for the project will be decided.

c) In the 29th TCC-II meeting, DMR, Meghalaya informed that, out of the assigned area of 7.1 sq. km., a total of 5.5 sq. km. has been mapped on 1:4000 scale, along with pitting/trenching, collection of BRS and soil samples. The agency further informed that SEM and EPMA studies have also been completed. The Agency requested for a timeline extension of 8 months up to 30th November, 2026, this extension is sought due to continuous rainfall in the block area, time required for drilling operations, chemical analysis of core samples, and preparation and submission of the final Geological Report (GR). The Agency also requested for additional 50 nos. of XRD analysis and additional 20 hours each for SEM & EPMA studies of core samples.

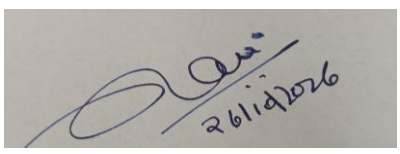
d) In the 29th TCC-II the committee suggested course correction measures to ensure proper soil sampling from the pits. The Committee advised revisiting the pit samples by preparing composite samples separately from the Saprolith and Pedolith zones and analysis of samples to be carried out at NABL accredited Labs. Simultaneously, drilling activities are to be continued. The Committee further stated that the analytical results of the pit samples, as suggested above, will be reviewed once the results become available. Additional samples/studies will be decided after review. Further, the Committee recommended an extension of the project timeline by 8 months up to 30th November, 2026

e) In the present meeting the agency informed the committee that they have completed 5 out of 6 approved boreholes and requested for change in the position of the borehole from GridG9 to GridG7 and also for increase in drilling quantum.

f) The committee based on the drilled boreholes outcomes suggested the agency to carry out the drilling with shifted location and within drilling quantum of 40 m.

Recommendations of TCC-II

The committee based on the drilled boreholes outcomes suggested the agency to carry out the drilling with shifted location and within drilling quantum of 40 m.



Agenda 38.2.5 Preliminary Exploration (G3) for REE and associated minerals in Ludrada North block, Balotra District, Rajasthan.
[Implementing Agency: MECL]

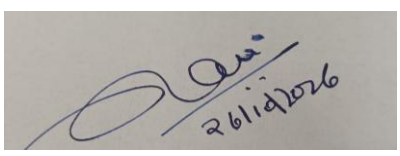
a) MECL informed that the project was recommended in11th meeting of TCC-II held on 23rd, 24th & 25th July 2025 and 30th July 2025 and approved in 1st PSC meeting held on 9th October 2025 for ₹562.39/- Lakh (including GST) with timeline of 15 months up to 9.2.2027. The drilling programme comprised 2000 m in total, covering 25 boreholes with an average depth of up to 80 meters each.
b) The agency informed the committee that it had completed 1:2,000-scale geological mapping and contour surveying at 2 m intervals have been completed over 2.00 sq. km. The geological work identified exposures of Siwana Granite in the southeastern part, rhyolite in the southwestern part, microgranite dykes, and extensive aeolian sand cover. During the current exploration, 60 surface channel samples were collected, of which 25 had been analysed at the time of reporting. These 25 MECL G3 samples reportedly showed ΣREE+Y values above 2,500 ppm, with an average of 3,121.31 ppm and a reported maximum of 2.17%.
c) The agency further informed that they have completed 480 m (6 BHs) drilling quantum out of approved 2000 m.
d) The agency requested for permission to shift proposed borehole PBH-17 to target zone microgranite dyke and to drill an inclined borehole at 50° to a depth of 120 m, citing encouraging sample results from these dykes. The agency also requested for the NPV charges related to the project.
e) The committee based on the above observation and encouraging results agreed for shifting the location of the borehole as requested by the agency and informed the agency that the NPV charges will be paid as per the decision made in 47th EC meeting of NMEDT.

Recommendations of TCC-II

The committee agreed for shifting the location of the borehole PBH-17 as requested by the agency based on technical merit to target a microgranite.

Agenda 38.2.6 Preliminary Exploration (G3) for REE and associated minerals in Ludrada South block, Balotra District, Rajasthan
[Implementing Agency: MECL]

a) MECL informed that the project was recommended in11th meeting of TCC-II held on 23rd, 24th & 25th July 2025 and 30th July 2025 and approved in 1st PSC meeting held on 9th October 2025 for ₹649.41/- Lakh (including GST) with timeline of 15 months up to 9.2.2027. The drilling programme comprised 2000 m in total, covering 31 boreholes with an average depth of up to 80 meters each.



b) The agency informed the committee that it had completed Geological mapping at 1:2,000 scale and contour surveying at 2 m intervals have been completed over the entire 2.75 sq. km block. Geological observations indicate extensive aeolian sand cover, with Siwana Granite exposed in the northern part and rhyolite in the northwestern part; quartz-feldspathic intrusions and felsic dykes were also documented. The agency further informed the committee that under the present G3 programme, 80 surface channel samples were collected and analysed; 43 samples recorded ΣREE+Y values above 2,500 ppm, with an average of 3,020.72 ppm across all 80 samples and a reported maximum of 0.92%. For comparison, 24 GSI G4 samples falling within Ludrada South Block included eight samples above 2,500 ppm, with an average of 2,422.28 ppm and a maximum of 5,439.48 ppm.

c) The agency informed completion of the first-phase drilling of seven boreholes (MLDS-01 to MLDS-07), each 80 m deep, totalling 560 m; analytical results for six boreholes had been completed. The 34-element ICP-MS programme covers REEs and associated elements, including Sc, Y, La, Ce, Nd, Sm, Dy, Hf, Ta, Zr, Sn, W, V, Be, Ga, Nb, Mo, Li, U and Th.

d) The progress tabled 384 analyses comprising 304 borehole samples and 80 surface samples; six major-oxide XRF analyses and six XRD analyses were reported, while six petrographic studies were under progress. External check analyses, EPMA studies and density determinations remained pending. Through LIBS examination of borehole MLDS-03 at 46.50–47.00 m, the presentation reported La 295.68, Ce 515.82, Nd 283.84, Dy 121.86, Y 840, Zr 0.41%, and total REE+Y of 2,501.19.

e) The agency based on the results identified two areas and requested for proposal of further 15 boreholes totalling 1,200 m, 11 infill boreholes at 200 m × 400 m spacing (880 m) and 4 first-line boreholes based on surface geochemical results (320 m).

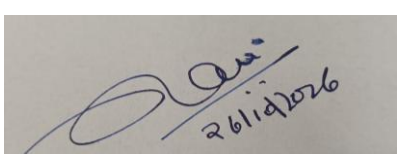
f) The committee observed that the results were encouraging and discussed about the applicability of the LIBS in mineral exploration. Based on the results in drilled boreholes surface samples results the committee agreed for the proposed drilling plan by the agency.

Recommendations of TCC-II

The Committee agreed for drilling quantum of 1200 m with 15 boreholes as proposed by the agency based on the encouraging results obtained in surface samples analysis and drilled boreholes outcomes.

Agenda 38.2.7 Preliminary Exploration (G3) for REE and associated minerals in Bhimgoda South Block, Balotra District, Rajasthan.

[Implementing Agency: MECL]



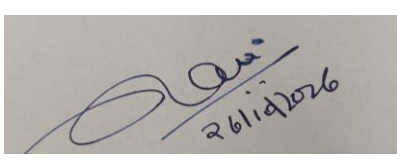
a) MECL informed that the project was recommended in11th meeting of TCC-II held on 23rd, 24th & 25th July 2025 and 30th July 2025 and approved in 1st PSC meeting held on 9th October 2025 for ₹897.45/- Lakh (including GST) with timeline of 18 months up to 9.5.2027. The drilling programme comprised 4610 m in total, covering 36 boreholes with an average depth of up to 120 meters each and 12 boreholes to be drilled in 1st phase.

b) The agency informed the committee that it had commenced drilling on 14.12.2025 and completed five boreholes in the non-forest area, totalling 863 m. Geological mapping at 1:2,000 scale has covered 1.5 sq. km out of the proposed 6.25 sq. km area and remains in progress; contour surveying at 2 m intervals is also under progress.

c) The agency further informed the committee that current work includes 34-element ICP-MS analysis for REEs and associated elements, including Sc, Y, La, Ce, Nd, Sm, Dy, Hf, Ta, Zr, Sn, W, V, Be, Ga, Nb, Mo, Li, U and Th. Against an initial approval of 1,000 primary borehole samples, 315 samples from five boreholes had been analysed. Twelve petrographic studies had been completed against 25 proposed; major-oxide XRF, external check analyses, XRD, EPMA and density studies were yet to be reported as completed. Borehole logging and core examination show varied volcanic lithologies, including rhyolite and trachyte, with alteration observed throughout the sampled intervals in MBGS-01. LIBS examination of MBGS-01 identified elevated element responses at 42.5–42.55 m and 50.0–50.05 m; the presentation reports La values of 606.80 and 533.52, Ce of 1,200 in both intervals, Y of 548.55 and 843.69, Zr of 6,500 and 11,300, and Nd of 491.59 and 475, respectively. In MBGS-02, the brecciated interval showed a reported average ΣREE+Y of 1,585.62 ppm over 24 m. In MBGS-03, a brecciated interval of 30 m recorded an average ΣREE+Y of 1,794.52 ppm, while the remaining volcanic flows were reported below 1,000 ppm.

d) The agency further informed the committee the 26 boreholes located in forest land require statutory forest-clearance payments of ₹74,31,164, comprising ₹17,42,364 towards net present value (NPV) and ₹56,88,800 towards compensatory afforestation (CA). The remaining seven first-phase boreholes are to be taken up after forest clearance. MECL has also indicated that the approved quantities of major-oxide and petrographic analyses may be insufficient for classifying the fine-grained volcanic flows, and that the initially approved 1,000 ICP-MS samples may not cover the expected requirement of approximately 60 samples per borehole, potentially generating around 2,150 samples for the full programme**.**

e) The committee asked the agency about the status of the payment regarding forest permission, the agency informed that they have not made any payment in this regard till 12.10.2026. The committee based on the above observations agreed for the payment of forest-clearance payments of ₹74,31,164, comprising ₹17,42,364 towards net present value (NPV) and ₹56,88,800 towards compensatory afforestation (CA) based on the norms described in 47th EC



meeting of NMEDT and do the needful in this regard. The committee advised the agency to carry out the work as per the approved quantum.

Recommendations of TCC-II

The committee agreed the forest-clearance payment of ₹74,31,164, comprising ₹17,42,364 towards net present value (NPV) and ₹56,88,800 towards compensatory afforestation (CA) based on the norms described in 47th EC meeting of NMEDT and asked the agency to do needful in this regard.

Agenda 38.2.8 Preliminary Exploration (G3) for Aluminous Laterite, Titanium, Vanadium, Gallium and associated minerals in Sansarpur Block, Katni District, Madhya Pradesh.

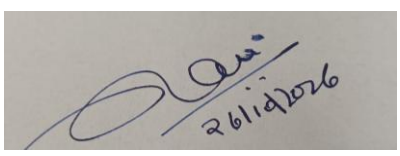
[Implementing Agency: MECL]

a) MECL informed that the project was recommended in 15th meeting of TCC-II held on 23rd & 24th October 2025 and approved in 3rd PSC meeting held on 13th December 2025 for ₹153.49/- Lakh (including GST) with timeline of 12 months, up 8.1.2026 to 7.1.2027. The drilling programme comprised 530 m in total, covering 17 boreholes.

b) The agency informed the committee Geological mapping at 1:4,000 scale had been completed over the entire block. The principal lithologies identified include brecciated quartzite, phyllite, dolomite, limestone, metabasalt, conglomerate, quartz reef and laterite. The laterites are predominantly aluminous and locally enriched in titanium, vanadium and gallium. The lithological units generally strike ENE–WSW, locally E–W, and dip towards the SSE or south. Field observations documented laterite exposures near Bandhi, Dungariya and Khamariya villages, aluminous laterite mounds near Ligree village, and highly weathered aluminous laterite near Sansarpur village. Seven trenches and 10 pits were excavated, with a total excavation of 100 m^3 of trenching and 50 m^3 of pitting, and 94 samples were collected. Of these, 22 samples recorded Al_2O_3 values of 20.06–22.73%, seven recorded TiO_2 values of 2.01–2.57%, 33 recorded vanadium values of 605–1,311 ppm, and eight recorded gallium values of 51–69 ppm. The agency drilled 5 boreholes in first phase, out of 105 borehole samples analysed, 16 recorded Al_2O_3 >20% and 5 recorded V >500 ppm. The agency requested for the approval of drilling in second phase.

c) The committee observed that the observed values were not encouraging and Fe2O3 (%) values were greater than 15% in analyzed samples. The committee further opined that the Results of Phase-I drilling were not significant. No significant Al2O3, V and thickness of aluminous were observed.

d) The committee did not agree for the drilling in second phase based on the above observations and asked the agency to complete the remaining work and submit the geological report.



Recommendations of TCC-II

The committee did not agree for the drilling in second phase based on non-encouraging values in phase-I drilling and surface analysis results and asked the agency to complete the remaining work and submit the geological report.

Agenda 38.2.9 Reconnaissance Survey (G4) for Potash in Choharianwali Area, District- Fazilka, Punjab.
[Implementing Agency: MECL]

a) MECL informed that the project was recommended in 21st meeting of TCC-II held on 19th and 22nd January 2026 and approved in 5th PSC meeting held on 9th February 2026 for ₹ 1903.11/- Lakh (including GST) with timeline of 21 months, up 24.2.2026 to 23.11.2027. The drilling programme comprised 14250 m in total, covering 15 boreholes.
b) The committee deferred the project for discussion in upcoming TCC-II meeting.

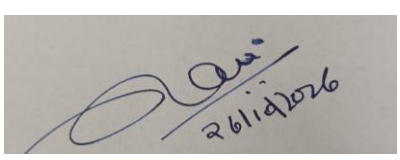
Recommendations of TCC-II
The committee deferred the project for discussion in upcoming TCC-II meeting.

Agenda 38.2.10 Reconnaissance Survey (G4) for REE and Associated Minerals in Pipargaon area, West Karbi Anglong District, Assam.
[Implementing Agency: MECL]

a) The project was recommended in 8th TCC-II meeting held on 28th, 29th April & 2nd May, 2025, and approved in 42nd EC meeting held on 2nd June, 2025. The project was approved with a scheduled timeline of 11 months at a sanctioned cost of ₹517.96/- lakhs (including GST). The Sanction Order was issued on 20th June 2025. Scheduled project completion timeline was 19th May 2026.

b**)** In the 29th TCC-II meeting the committee agreed to recommend extension of the project timeline by 3 months, up to 18th August 2026. The committee further asked the agency that the commencement of drilling shall be decided after review of the analytical results of the BRS and pit samples. In 32nd TCC-II meeting the committee advised the agency to delineate two prospective zones, each measuring 2 km × 2 km, based on the anomalous tungsten (W) values obtained from BRS and pit samples, and to undertake systematic BRS samples at 500 m x 500 m grid for tungsten within these demarcated areas. The 104th TCC-I recommended timeline extension up to 30.11.2026 for approval of PSC of NMEDT. Extension of timeline was recommended for completion of work and submission of GR.

c) The agency informed the committee that the Large-scale geological mapping was carried out, identifying quartzite of the Shillong Group, younger biotite and



porphyritic granites, and Quaternary sediments. Five pits were excavated, and 15 soil samples were collected and analysed. Seven samples recorded ΣREE+Y values of 500–1,000 ppm, while four samples from Pits 2 and 3 exceeded 1,000 ppm. A total of 50 bedrock chip samples were collected from granites and pegmatites. Sixteen samples recorded ΣREE+Y values of 500–1,000 ppm, and one exceeded 1,000 ppm. Twenty-five additional bedrock samples were collected on a 500 m × 500 m grid within two prospective zones identified from tungsten anomalies. It reported maximum values of 569 ppm W in Zone 1 and 618.09 W ppm in Zone 2. The agency proposed either 300 m of scout drilling in three boreholes across the two prospective zones or a separate G-3 exploration proposal involving detailed geological mapping and systematic drilling to assess tungsten mineralisation potential

d) The committee observed sporadic tungsten values obtained in 500m grid in selected area (>200 ppm) and opined that no lithological control/MZ could be specifically established. Based on the above observations the committee did not agree for the request of the agency and asked the agency to carry out the remaining work and submit Geological report.

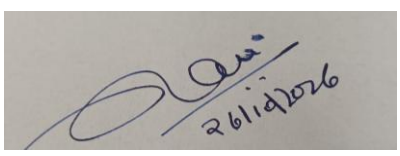
Recommendations of TCC-II

The committee did not agree for the drilling request of 300 m or separate G3 exploration proposal by agency as the observed geochemical results were not encouraging and no lithological control or mineralized zone was not established.

Agenda 38.2.11 Reconnaissance survey (G4) for REE and associated mineralization in Gol-Bagundi-Tilwara Area, Siwana Ring Complex, Balotra District, Rajasthan.

[Implementing Agency: MECL]

a) MECL informed that the project was recommended in 12th meeting of TCC-II held on 22nd, 25th, 26th August, 2025 and approved in 1st PSC meeting held on 9th October 2025 for ₹ 283.09/- Lakh (including GST) with timeline of 10 months, up 10.11.2025 to 9.9.2026. The drilling programme comprised 500 m in total, covering 5 boreholes. In 30th TCC-II meeting the committee advised that the project may be continued as per the approved quantum of work.
b) The agency informed the committee that it had completed includes geological mapping of 82.50 sq. km at 1:12,500 scale, gravity and magnetic surveys at 2,500 stations, and 439.50 m of scout drilling in five boreholes against the proposed 500 m. Primary geochemical analysis for 50 samples (30 bedrock chip and 20 channel samples) for 34 elements by ICP-MS/ICP-AES and whole-rock XRF analysis of 10 samples have been completed, while petrographic studies are under progress. Analysis of 150 borehole samples, external check analysis of 20 REE samples, mineragraphic studies, XRD and EPMA work remain pending.



c) The agency requested for timeline extension up to 31 December 2026 to complete the remaining analytical work and prepare the geological report.
d) The committee asked the agency to carryout the remaining work and show the geological and geophysical results in upcoming TCC-II meeting. The committee recommended for timeline extension up to 1.1.2027 for final submission of geological report.

Recommendations of TCC-II

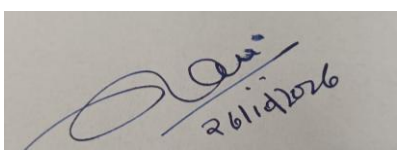
The committee recommended for timeline extension up to 1.1.2027 for final submission of geological report. The committee advised the agency to carry out the remaining work and show the geological and geophysical results in upcoming TCC-II meeting.

Agenda 38.2.12 Reconnaissance Survey (G4) for Gold and associated Minerals in Parma area, Singrauli District, Madhya Pradesh.

[Implementing Agency: MECL]

a) The project was recommended in 6th TCC-II meeting held on 27th, 28th February 2025 & 6th March 2025 and approved in the 41st EC Meeting held on 11th March 2025. The sanction order was issued on 19th March 2025 with timeline of 10 months up to 18th January 2026 with an approved cost of ₹187.29/- Lakh (including GST). Drilling in five (5) scout boreholes up to 500 drilling meterage was decided. Review of the project was scheduled after 5 months & 6 months.
b) In the 26th TCC-II the committee recommended for cost revision (increase) and for the timeline extension up to 30th September 2026. The agency further requested for the timeline extension in 104th TCC-I meeting for timeline extension upto 31.12.2027 for completion of the project and submission of GR.

c) The agency informed the committee that it has completed geological mapping of the entire Parma Block (133.00 sq. km) at 1:12,500 scale and 10 line-km of geophysical surveys comprising magnetic, SP, IP and resistivity methods. A total of 335 bedrock samples were collected for gold, critical minerals, trace elements, PGE, whole-rock analysis, iron, glauconite and graphite. Chemical analysis has been completed for 105 gold samples, 86 critical-mineral samples, 20 trace-element samples, 70 PGE samples and 20 whole-rock samples. Petrographic and mineragraphic studies have been completed for 20 samples. The reported maximum analytical values include PGE of 411.16 ppb, Cr of 1,900 ppm, Ni of 1,083 ppm, Cu of 995.75 ppm, Ti of 5.11% and Au of 147.17 ppb. Trenching (150 m^3) and core drilling (500 m in five boreholes) are yet to be undertaken. Analyses of 15 graphite, 10 iron and 12 glauconite samples are awaited. MECL has sought permission for three initial scout boreholes totalling up to 300 m and an



additional 32 line-km of geophysical surveys; the remaining 200 m of drilling is proposed for consideration after appraisal of Phase-II geophysical results.

d) The committee based on the above observations agreed for drilling in 3 scout boreholes with quantum of 300 m as proposed by the agency and advised the agency that Subsequent GP will be decided after review of results of these BHs.

Recommendations of TCC-II

The committee based on the above observations agreed for drilling in 3 scout boreholes with quantum of 300 m as proposed by the agency and advised the agency that Subsequent GP will be decided after review of results of these BHs.

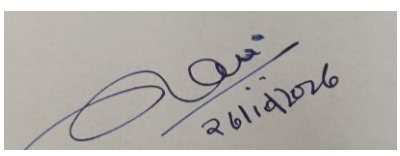
Agenda 38.2.13 Reconnaissance Survey (G4) for REE, Glauconite and associated Minerals in Devpur area, Kachchh District, Gujarat
[Implementing Agency: MECL]

a) The project was recommended in 6th TCC meeting held on 27th and 28th February, 2025 & 6th March 2025 and approved in the 41st EC Meeting held on 11th March 2025. The sanction order was issued on 19th March 2025 with timeline of 10 months up to 18th January 2026 and approved cost was ₹284.16 Lakh. 1st review was done in 12th meeting of TCC-II held on 22nd, 25th, 26th & 27th August, 2025 and committee advised for continuation of work as per approved quantum of work. The committee recommended the scout drilling for 500m (50mx10 BH) for Glauconite, 300m (30mx10 BH) for REE and Auger drilling for 490m (7mx70 BH).

b) In 19th TCC-II meeting the committee agreed to the commencement of drilling in three boreholes, comprising one borehole of 100 m depth (for stratigraphic study) and two boreholes of 50 m depth each for REE related scout drilling. The Committee also agreed to recommend a timeline extension of three months, up to 31st March 2026, for submission of the final Geological Report (GR).

c) In 104th TCC-I meting the committee recommended timeline extension upto 30.11.2026 for approval of PSC of NMEDT. Extension of timeline was recommended for submission of GR.

d) The agency informed the committee that the geological mapping of the entire block has been completed, along with excavation of five pits (40 m^3) and 400 m of REE scout drilling against the planned 300 m. Auger drilling of 177.80 m has been completed against the target of 490 m. A total of 50 bedrock samples for REE, 19 pit samples and 81 auger-drilling samples have been analysed; 22 bedrock samples for glauconite and 25 stream-sediment samples have been collected. Chemical analysis of 311 REE samples and 26 glauconite samples, external check analysis of 31 samples, petrographic studies of 10 samples and



XRD analysis of 20 samples have been completed. Drilling results showed ΣREE+Y values ranging from approximately 1,003 to 2,287 ppm. Values >1000 ppm ΣREE+Y zones have been intersected in BH-02, BH-03, BH-04 and BH 05 in ferruginous sandstone.

e) The committee advised the agency to estimate the resource (334) based on the outcome of drilled boreholes and asked the agency to submit the Geological report.

Recommendations of TCC-II

The committee advised the agency to estimate the resource (334) based on the outcome of drilled boreholes and asked the agency to submit the Geological report.

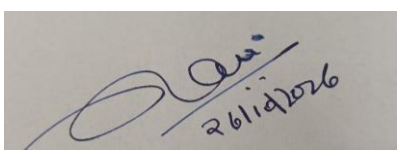
Agenda 38.2.14 Reconnaissance Survey (G4) for Graphite in Korapara, Bankura District, West Bengal

[Implementing Agency: M/s MMPL Private Limited]

a) The project was recommended in 3rd TCC-II meeting held on 5th and 6th December, 2024 and approved in the 39th EC Meeting held on 24th Janaury 2025. The sanction order was issued on 10.2.2025 with timeline of 10 months up to 9.12.2025 and approved cost is ₹124.81 Lakh. 1st review was done in 22nd meeting of TCC-II. In this meeting the committee recommended the proposal for approval of PSC for timeline extension for 6 months up to 9th June 2026. The item had also been recommended to PSC for approval of revised cost from ₹122.34 lakh to ₹ 124.82 lakh, due to change in quantum of trenching work and Laboratory Studies. In 28th TCC-II meeting the committee recommended the timeline extension upto 9th October 2026 for completion of the project.

b) The agency informed the committee that it had completed Geological mapping at 1:12,500 scale, a 5 line-km SP geophysical survey and 133 m^3 of trenching. Proximate analysis for graphite has been completed for 181 surface samples, comprising 50 bedrock and 131 trench samples, along with external check analysis of 18 samples. ICP-MS analysis had been completed for 38 samples, and geological report preparation based on surface geological, geophysical and geochemical investigations has been completed. Five graphite bands across Zones A, B and C, with average true thicknesses ranging from 2.96 m to 24.69 m and weighted average fixed carbon values of 3.49% to 5.34% were delineated. Drilling (450 m), borehole pillaring, drill-core preservation and Raman spectroscopy/TGC analysis remained incomplete because of local community resistance to drilling in forest land, despite forest clearance being received in January 2026. The agency requested a two-month extension up to 9 December 2026 to complete the geological report, peer review and final submission.

c) The agency informed the committee that they have received the forest permission and requested the committee for timeline extension up to 9 December 2026 for completion of drilling, submission of GR.



d) The committee based on the above observations recommended for the timeline extension upto 9th December 2026 for completion of remaining work and final submission of GR.

Recommendations of TCC-II

The committee recommended for the timeline extension upto 9th December 2026 for completion of remaining work and final submission of GR.

Agenda 38.2.15 Preliminary Exploration (G3) for Limestone in Khongkha Block, Kiphire district, Nagaland

[Implementing Agency: DGM Nagaland]

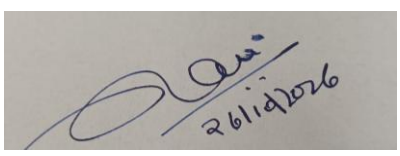
a) The project was recommended in 5th TCC meeting held 27th, 28th and 29th January, 2025 and approved in the 41st EC Meeting held on 11th March 2025. The sanction order was issued on 26.3.2025 with timeline of 15 months up to 25.6.2026 and approved cost is ₹ 765.97 Lakh. 1st review was done in 28th meeting of TCC-II. In this meeting the committee recommended the proposal for approval of PSC for timeline extension up to 30.9.2026 due to difficult terrain, remote location, and limited accessibility of the block, which delayed road development and mobilization of drilling rigs and exploration activities.

b) The agency informed the committee that it had completed G-3 stage exploration of the Khongkha Limestone Blocks 1 and 2, Kiphire district, Nagaland. A total of 1,100 m of core drilling in 11 boreholes, geological mapping and topographical surveys over 2.34 sq. km at 1:4,000 scale, and DGPS surveys of 26 boreholes and boundary coordinates have been completed. Laboratory work includes chemical analysis of 240 primary samples, 50 check samples, 70 composite samples and 30 outcrop samples for major oxides, along with 10 XRD analyses, 20 petrological studies and 10 bulk-density determinations. Four limestone bands have been identified. The presentation reports cement-grade limestone with CaO of 44.30–50.68%, blendable-grade limestone with CaO of 38.90–43.45%, and impure limestone with CaO of 34.0–37.70%. The last batch of analytical results was received from the MECL laboratory on 9 September 2026, and the geological report is under preparation. The Directorate has requested a two-month extension up to 30 November 2026 for completion and submission of the geological report and allotment of peer reviewer.

c) The committee based on the observations recommended for the timeline extension up to 30th November 2026 for submission of final geological report.

Recommendations of TCC-II

The committee recommended for the timeline extension up to 30th November 2026 for submission of final geological report.



Agenda 38.2.16 Preliminary exploration (G3) for Graphite in the Patra graphite block, Jhabua district, Madhya Pradesh.

[Implementing Agency: MPSMC]

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

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

c) In 30th TCC-II meeting MPSMCL informed the committee that field activities could not be initiated due to certain unavoidable statutory and field-level constraints, primarily arising from delays in obtaining the Forest NOC, followed by persistent local resistance encountered during the initial field mobilization activities.

d) In the 30th TCC-II meeting the committee advised the Agency to submit a formal requisition to NMEDT for dropping/surrendering the project, along with detailed justification and supporting documents. Upon receipt of the request, the Committee shall examine the proposal, and an appropriate decision regarding the dropping/surrender of the project shall be taken in the upcoming TCC meeting.

e) In the present meeting the committee advised the Agency to submit a formal requisition to NMEDT for dropping/surrendering the project, along with detailed justification and supporting documents. Upon receipt of the request, the Committee shall examine the proposal, and an appropriate decision regarding the dropping/surrender of the project shall be taken in the upcoming TCC meeting.

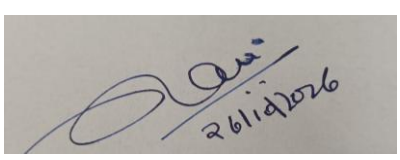
Recommendations of TCC-II

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

Agenda 38.2.17 Preliminary exploration (G3) for PGE and Associated mineral in Mordongri-Jamtara Block in Chhindwara district, Madhya Pradesh.

[Implementing Agency: MPSMC]

a) The project was recommended in 67th TCC meeting held on 24th, 25th and 26th July, 2024, and approved in 37th EC meeting held on 23rd September, 2024. The project was approved with a scheduled timeline of 12 months at a sanctioned cost of ₹217.38/- lakhs (including GST). The Sanction Order was issued on 23rd September 2024. Scheduled project completion timeline was 22nd September 2025.



b) In the 30th TCC-II meeting MPSMCL informed that the justification for the delay in execution of the project work has already been submitted to NMEDT. The Agency further informed that field activities could not be initiated due to severe local resistance and, therefore, requested dropping/surrendering of the project.

c) In the 30th TCC-II meeting the committee advised the Agency to submit a formal requisition to NMEDT for dropping/surrendering the project, along with detailed justification and supporting documents. Upon receipt of the request, the Committee shall examine the proposal, and an appropriate decision regarding the dropping/surrender of the project shall be taken in the upcoming TCC meeting.

d) In the present meeting the committee advised the Agency to submit a formal requisition to NMEDT for dropping/surrendering the project, along with detailed justification and supporting documents. Upon receipt of the request, the Committee shall examine the proposal, and an appropriate decision regarding the dropping/surrender of the project shall be taken in the upcoming TCC meeting.

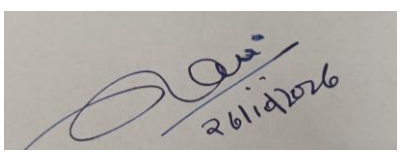
Recommendations of TCC-II

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

Agenda 38.2.18 Reconnaissance Survey (G4) for Limestone in Gunaur Pali Block, Panna District, Madhya Pradesh

[Implementing Agency: MPSMC]

a) MPSMC informed that the project was approved in the 33rd EC meeting held on 19th February, 2024. The sanction order was issued on 28.2.2024 with timeline of 09 months (up to 27.11.2024) and approved cost was INR 52,98,986/-.
b) In the 7th TCC-II the timeline extension was given upto 27.7.2025 for final submission of geological report. In the 28th TCC-II meeting The Committee recommended the proposal for approval of PSC for "Timeline extension of 14 months up to 30th September 2026, for completion of the work and submission of the final geological report". The Committee also agreed to the drilling of 4 boreholes (BHs) and excavation of 5 pits in Block-1 and recommended that further advancement of work in the project should be considered for Block-1 alone. The Delay in the project was due to administrative issues and monsoon conditions causing, exploration commenced in July 2025. Geological mapping and BRS sample collection were completed during August–September 2025, followed by sample preparation and dispatch during October–November 2025. During pitting work in November 2025, an overlapping issue was identified, and a letter was submitted to DGM, MP on 25.11.2025 and reply letter dated 05.02.2026 was received on 10.02.2026.
c) The agency informed the committee that the geological mapping of the entire block has been completed, and 15 bedrock samples were collected and analysed



against a target of 60 samples. Pitting of 15 m^3 was completed, and four boreholes were drilled to a cumulative depth of 82 m against the planned 100 m. A total of 56 core samples were collected, prepared and analysed against the target of 82 samples. Resource estimation by the polygon method identified 3,37,500 tonnes of sub-grade siliceous limestone, with average CaO of 31.5% and MgO of 2.7%. The agency requested for the timeline extension upto 30th November 2026 for peer reviewing the report and final completion of Geological report.

d) The committee recommended for timeline extension upto 30th November 2026 for final submission of Geological report.

Recommendations of TCC-II

The committee recommended for timeline extension upto 30th November 2026 for final submission of Geological report.

Agenda 38.2.19 Reconnaissance Survey (G4) for Limestone in Dhanokhar Nagod Block, Panna & Satna Districts, Madhya Pradesh

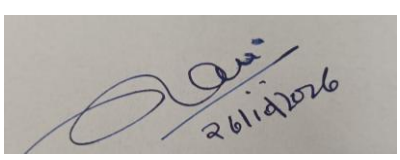
[Implementing Agency: MPSMC]

a) MPSMC informed that the project recommended in its 60th TCC meeting held on 27th -28th December 2023 and was approved in the 33rd EC Meeting held on 19th February 2024. The sanction order was issued on 28th February 2024 with timeline of 09 months (up to 27.11.2024) and approved cost was INR 78,74,163/-. b. In the 7th TCC-II meeting held on 24th and 25th March 2025. The MPSMCL presented the status of progress of work in this project. The agency further requested an extension of eight (08) months for submission of the GR. The Committee recommended the proposal for approval by the EC. Accordingly, the extension of eight (08) months, up to 27th July 2025, for submission of the GR was approved in the 42nd EC meeting held on 2nd June 2025.

b) In the 20th TCC-II meeting the Committee recommended the proposal for approval of the PSC for a timeline extension of ten (10) months up to 26 May 2026 for remaining work execution and submission of Geological report (GR).

c) In the 33rd TCC-II meeting the agency informed the committee they have completed 10 boreholes with approved quantum of 250 m and showed the lithologs of four boreholes. The agency again requested for the timeline extension up to 30th September 2026 for completion of remaining work and final Geological report submission. The committee observed that time line extensions had already been given many times for project completion. The committee agreed to recommend time line extension up to 30th September 2026 for completion of remaining work and final Geological report submission. The committee informed that no further timeline extension would be recommended.

d) The agency informed the committee that it had completed geological mapping at 1:12,500 scale was completed over the entire area, along with 40 m^3 of pitting and collection of 55 bedrock samples and 20 pit samples. Chemical analysis was completed for 55 bedrock samples and 20 pit samples, with 141 additional pit/trench analyses reported. A total of 10 boreholes were drilled with a cumulative drilling length of 250 m. The



drilling identified 11 limestone zones across six boreholes, with a cumulative limestone thickness of 63.89 m, individual zone thicknesses ranging from 2.00 to 18.89 m, and a weighted average CaO content of 38.6%. The presentation reports a G-4 limestone resource of approximately 162.87 million tonnes, with 38% CaO and 3.7% MgO. The agency requested for allotment of peer reviewer and timeline extension upto 30th November 2026 for final submission of Geological report.

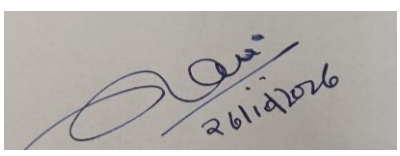
Recommendations of TCC-II

The committee recommended for timeline extension upto 30th November 2026 for final submission of Geological report.

Agenda 38.2.20 Reconnaissance Survey (G4) for copper and associated mineralization in Salwari Narsinghpuri-Pachlagi Area, Sikar District, Rajasthan

[Implementing Agency: M/s Vardan Environet LLP]

a) In principle-approval was given for this proposal in 7th TCC-II meeting held on 24th & 25th March 2025. The project was recommended in 12th meeting of TCC II held on 22nd, 25th, 26th and 27th August 2025.
b) In the 1st Project Sanctioning Committee (PSC) meeting held on 9th October 2025, this proposal was deferred as DMG Rajasthan provided their consent for the proposal by excluding partially overlapped area. In view of this, the project was referred back to TCC-II based on the comments of DMG, Rajasthan to exclude the area and accordingly revision in the proposal.
c) During 16th TCC-II meeting held on 3rd and 6th November 2025, Vardan Environet LLP informed that they have revised the proposal by excluding the partially overlapped area with mining leases and Aravalli area. Total area reduced to 24.01 sq. km. from initially proposed 28.48 sq. km. Subsequently, the project was recommended in 19th TCC-II held on 16th & 17th December 2025 and approved in 4th PSC held on 13th January 2026 with an approved cost of ₹ 284.86/- Lakh (including GST) for 10 months up to 02nd December 2026.
d) In the 25th TCC-II the Committee recommended commencement of project including drilling in one borehole, except in the parts which are overlapping with FSI polygons of Aravali area.
e) In the 35th TCC-II the agency informed the committee that it has completed geological mapping in 24 sq. km area, trenching of 28 cubic meters out of 60 cubic meters, completed 250 m geophysical borehole logging out 0f 1500 m. The agency informed that the borehole had intersected nine zones in the subsurface at different depths 36-38 m, 46.70-48.70 m, 65-68 m, 129.33-133.10 m, 135.90-137.90 m, 181.90-185.80 m, 207.70-212.50 m, 216.20-218.25 m, 219.30-222.70 m respectively. AAS analysis of 9 BRS samples have shown Cu values in the range 167 ppm to 31495 ppm. The agency informed the committee that they were waiting for the borehole sample analysis results. The committee suggested the agency to get the borehole sample analysis results and show to the committee and carry out the project work as per the approved quantum.
f) In the present meeting the committee observed that the analytical results of BH cores showed very poor (Cu <100 ppm) values. The committee opined that the either the core logging was not properly done or the lab results may not be proper



as the agency in the 35th TCC-II meeting informed good copper in visual inspection as well in BRS results. The committee asked about the presence of nearby borehole carried out by another agency. The agency informed about a near borehole done by AMD. The committee considering these facts advised to revisit core logging, analyse some samples from alternate Lab.

g) The agency requested for post-facto approval/ratification for changing from HQ to NQ drilling at 40 m instead of the sanctioned 50 m, citing the stuck drill rod and technical difficulties. The committee agreed for the same and asked the agency to do necessary action in this regard related to costing.

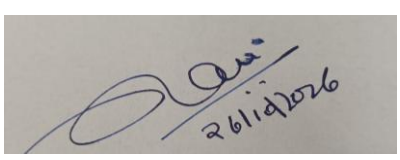
Recommendations of TCC-II

The committee considering the observed discrepancy in the Cu analysis of Core samples in comparison to the visual and surface analysis advised the agency to revisit core logging, analyse some samples from alternate NABL accredited Lab. The committee agreed for post-facto approval/ratification for changing from HQ to NQ drilling at 40 m instead of the sanctioned 50 m and asked the agency to do necessary action in this regard related to costing.

Agenda 38.2.21 Preliminary exploration (G3) for Bauxite and associated Minerals in Kalar Vandh Area, Kachchh district, Gujarat.
[Implementing Agency: M/s Vardan Environet LLP]

a) The project was recommended in 29th TCC-II meeting held on 20th and 21st May 2026, and approved in 9th PSC meeting held on 3rd June, 2026. The project was approved with a scheduled timeline of 12 months at a sanctioned cost of ₹82.64/- lakhs (including GST). The Sanction Order was issued on 17.6.2026 scheduled project completion timeline was 16.6.2027.
b) The bauxite occurrences are associated with a narrow laterite belt trending ENE–WSW between Jarjok and Chiyasar villages. The laterite/bauxite band has a reported strike length of approximately 1,800 m and width varying from 15 to 60 m. Mapping Completed. Against the approved drilling programme of 315 m, only 17 m of HQ drilling has been achieved.
c) A total of 24 bedrock samples has been collected for WD-XRF analysis against 154 approved samples, while three samples have been collected for ICP-MS analysis against 10 approved samples. Trihydrate and reactive silica determinations, core preservation, and petrographic, mineragraphic and other mineralogical studies have not yet been reported as completed. The agency requested the addition of concrete pillaring and plugging of nine boreholes to the approved work programme for permanent borehole identification, environmental safety, aquifer protection and prevention of borehole collapse.
d) The committee agreed for addition concrete pillaring and plugging of 9 boreholes to the approved work programme and further advised the agency to come up for review after geological mapping and analysis of the pending results.

Recommendations of TCC-II



The committee agreed for addition of concrete pillaring and plugging of 9 boreholes to the approved work programme for permanent borehole identification, environmental safety, aquifer protection and prevention of borehole collapse. The committee further advised the agency to come up for review after geological mapping and analysis of the pending results.

Agenda 38.2.22 Preliminary Exploration (G3) for Graphite and associated mineralization in Chiklar Block, Betul District, Madhya Pradesh
[Implementing Agency: M/s Vardan Environet LLP]

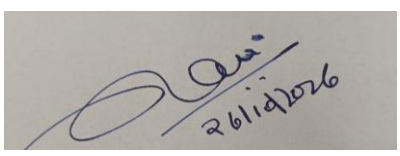
a) The project was recommended in 31st TCC-II meeting held on 16th and 17th June, 2026, and approved in 10th PSC meeting held on 29th June, 2026. The project was approved with a scheduled timeline of 12 months at a sanctioned cost of ₹364.80/- lakhs (including GST). The Sanction Order was issued on 8.7.2026 scheduled project completion timeline was 7.7.2027.
b) The agency requested the inclusion of provisions for constructing 20 concrete pillars (20 for boreholes). The agency also requested the inclusion of the cost of borehole plugging 20 boreholes in the final cost sheet.

Recommendation
The committee agreed for addition of concrete pillaring (20 BHs) and plugging of boreholes (20 BHs) to the approved work programme. The committee further advised the agency to come up for review after geological mapping, geophysical work and analysis results.

Agenda 38.2.23 Reconnaissance survey (G4) for Bauxite and associated minerals in Reladiya-Raydhanjar area, Kachchh district, Gujarat
[Implementing Agency: M/s Vardan Environet LLP]

a) The project was recommended in 32nd TCC meeting held on 6th and 7th July, 2026, and approved in 11th PSC meeting held on 31st July 2026. The project was approved with a scheduled timeline of 10 months at a sanctioned cost of ₹55.36/- lakhs (including GST). The sanction order was issued on 7.8.2026 scheduled project completion timeline was 5.6.2027.
b) The agency requested for 6 Boundary Coordinates in addition to the existing 8 Borehole (BH) points and borehole plugging for 8 boreholes.
c) The committee opined that cost for 6 boundary points was not given for G4 and agreed for borehole plugging for 8 boreholes.

Recommendations of TCC-II
The committee agreed for borehole plugging for approved 8 boreholes and advised the agency to come up for the review in upcoming TCC-II meeting.



Agenda 38.3 Project Evaluation for in–Principle Approval

Agenda 38.3.1 Reconnaissance Survey (G4) for Tin and Associated Mineralization in Bandipara area, Dantewada District, Chhattisgarh

ID: ME/IN/G4/CT/P/26-27/306

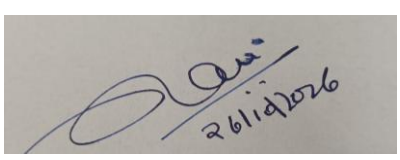
Area: 62.9 sq. km

Implementing Agency: [M/s AVSG Solution (OPC) Private Limited]

a) The proposed area of 62.9 sq. km for reconnaissance survey falls in Survey of India Toposheets no. 64 F/09, 64 F/10, in Dantewada District, Chhattisgarh.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	**i)** ~50% overlapping found in the proposed Block with GSI previous works of 1994-97 **ii)** >50% overlapping found in the proposed Block with GSI previous works of 1981-82. **iii)** >20% overlapping found in the proposed Block with GSI previous works of 1972-73. ***iv)*** ~50% overlapping found in the proposed Block with GSI previous works of 1976-77
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 agency has no overlapping with the ongoing or completed blocks of MECL.
4	**DGM**	1 ML of 7.7 hectares is present within the proposed block. Overlaps with Toynar-Modenar REE RM(Li,Nb,Ta) Block of MMPL.
5	**NMEDT**	Three NMEDT funded blocks present around the proposed block Reconnaissance Survey (G4) For Rare Metals In Katekalyan Area, Western Periphery of The Baster–Koraput Pegmatite Belt, District Dantewada, Chhattisgarh (Left Side) 2026-27 Reconnaissance Survey (G4) For Lithium, Niobium, Tantalum, Titanium & Ree Minerals in And Around Bengpal-Ellingnar-Kumakoleng Block, Sukhma and Baster District, Chhattisgarh. (Right side upper) 2024-25 Reconnaissance Survey (G4) For Rare Metals in And Around Mundwal-Puspal-Marjum Areas, Sukhma, Baster and Dakshin Baster Dantewada Districts, Chhattisgarh 2026-27



c) The committee observed based on the DGM comments observed that there is substantial overlap with Toynar-Modenar REE RM(Li,Nb,Ta) Block of MMPL. The committee deferred the project to upcoming TCC-II meeting and advised the NMEDT secretariat to verify the overlap.

Recommendations of TCC-II

The committee deferred the project to upcoming TCC-II due to overlap with Toynar-Modenar REE RM (Li, Nb, Ta) Block of MMPL based on DGM comments.

Agenda 38.3.2 Reconnaissance Survey (G4) for Tin and associated Mineralization in Penugundi Block, Dantewada District, Chhattisgarh

ID: ME/IN/--Select--/CT/P/26-27/303

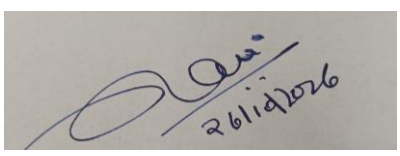
Area: 100 sq. km [

Implementing Agency: M/s AVSG Solution (OPC) Private Limited]

a) The proposed area of 100 sq. km for reconnaissance survey falls in Survey of India Toposheets no. 64 F/09, 64 F/10, in Dantewada District, Chhattisgarh.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	a) ~5% overlapping found in the proposed Block with GSI previous works of 1978-82 b) ~70%overlapping found in the proposed Block with GSI previous works of 1981-82. c) ~10% overlapping found in the proposed Block with GSI previous works of 1987-90 d) ~15%o overlapping found in the proposed Block with GSI previous works of 1982-83 e) ~99% overlapping found in the proposed Block with GSI previous works of 1984-87 f) 100% overlapping found in the proposed Block with GSI previous works of 1979-80.
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 has no overlapping with the ongoing or completed blocks of MECL.
4	**DGM**	Slight Overlaps with Patelpara Kawargaon REE RM (Li, Nb, Ta) Block of MMPL.
5	**NMEDT**	There is one NMEDT-funded ongoing project being undertaken by the agency Deepsar Mineral Explorer to explore for Sn, Ta, Nb, and REE, which lies to the south of the proposed area in the NGDR.



c) The agency informed the committee that the Bastar–Katekalyan region of Chhattisgarh is a recognised tin-bearing terrain, where cassiterite mineralisation is associated with pegmatites intruding granitoids and basic rocks. Previous investigations by GSI and other researchers, including Mishra (1978), Babu (1981–82 and 1987), Choubey (1983–84), Rama Rao et al. (1985), and Ramachandraiah and Roy (1993), established the regional potential for primary and secondary tin mineralisation. These studies identified mineralised pegmatite bands, predominantly showing a NW–SE trend, and reported associations with beryl, fluorite, lepidolite and other rare-metal minerals. Significant Sn values were recorded in earlier investigations, including 0.055% Sn over 1.25 m and more than 0.1% Sn over 0.20 m in selected borehole intervals. Geochemical investigations highlighted Sn and Li as useful pathfinder elements, while electrical resistivity, magnetic and gravity surveys demonstrated the usefulness of geophysical methods for identifying structures associated with mineralised pegmatites.

d) The committee observed that there was lack of basic geological data. There was no marking of the pegmatites and information about their dimension was not clearly stated. The agency did not clearly present the outcomes of the previous work and lithological control was missing in the presentation. The available information was limited and was not sufficient for justification of proposal. Therefore, the committee deferred the proposal and advised the agency to carry out field visit study/sample the lithological variants favourable for Tin mineralisation, extension of pegmatites to be visualised. Available data to be integrated.

Recommendations of TCC-II

The committee deferred the proposal to upcoming TCC-II meeting and advised the agency to carry out field visit study/sample the lithological variants favourable for Tin mineralisation, extension of pegmatites to be visualised. Available data to be integrated.

Agenda 38.3.3 Preliminary Exploration for REE and RM at Dulmi Barudih block, Purulia District, West Bengal.

ID: ME/IN/G3/WB/P/26-27/293

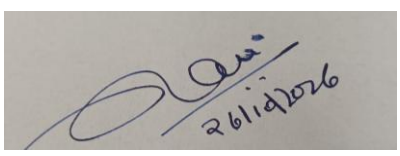
Area: 9.33 sq. km

Implementing Agency: M/s Mining Associates Private Limited]

a) The proposed area of 9.33 sq. km for preliminary exploration falls in Survey of India Toposheets no. 73I/03 in Purulia District, West Bengal.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	The proposed Dulmi-Barudih G3 Block for REE and RM exhibits 100% overlap with GSI's FS 2023-24 Ukma-Noahatu G4 block for REE investigation. Currently no ongoing item on exploration/reconnaissance projects related to REE-RM and any other mineral/commodity are there in the proposed area. However, GSI has proposed a G3 item titled "Preliminary exploration for REE & RM mineralisation in Noahatu-Chargail block, Purulia district,



		West Bengal (G3)" for FS 2027-28 which will be taken up due course.
2	**AMD**	1. AMD has carried out reconnaissance exploration (G4 stage) for uranium in and around the proposed block in different phases. Grab samples recorded up to 0.068% U3O8.There is no ongoing exploration / reconnaissance project. 2. There is no ongoing exploration / reconnaissance project. 3. AMD does not have baseline / exploration data on the commodity mentioned. In view of known potentiality for uranium in the contiguous area, analysis of uranium may also be included in the list of elements to be analysed.
3	**MECL**	The proposed block by agency has no overlapping with the ongoing or completed blocks of MECL.
4	**NMEDT**	There are no NMEDT funded blocks overlapping with the proposed block in NGDR.
5	**DGM**	Not available

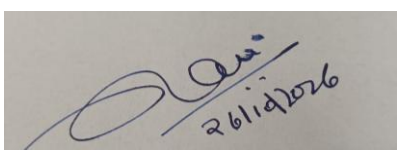
c) The agency informed the committee that the proposed Dulmi–Barudih Block (9.30 sq. km), Purulia district, West Bengal, has been identified for G3-stage exploration for Rare Earth Elements (REE) and Rare Metals (RM) based on GSI's G4 reconnaissance survey (FS 2023–24) and earlier rare-metal investigations (FS 1995–96). The block is underlain by granite gneiss, pink granite, calc-silicate rocks and amphibolite, intruded by pegmatites, including caesium-bearing varieties. The pegmatites generally trend ENE–WSW and are structurally associated with the North Purulia Shear Zone and regional lineaments. Geochemical investigations reported ΣREE values of 16.26–10,832.42 ppm across bedrock, pitting/trenching and soil samples, with maximum reported concentrations of 2,414.03 ppm La and 5,828.71 ppm Ce at identified locations. Pegmatite bedrock samples recorded a maximum ΣREE of 10,832.42 ppm, while granite-gneiss samples reached 2,343.40 ppm.

d) The committee observed that the proposed block was large G3 level of exploration and overlaps with GSI work for 2027-28 in the western and the central part and the area left in the eastern part showing sporadic values of analysis. The committee further opined that there is lack of geological control based on the available geological data. The committee based on the above observations did not accord in-principle approval to the proposal and advised the agency that it may reformulate the proposal.

Recommendations of TCC-II

The Committee did not accord in principle approval to the proposal due to overlap with GSI work and lack of geological control in the remaining eastern part of the proposed block.

Agenda 38.3.4 Preliminary Exploration (G3) for Glauconitic sandstone in Nawapara Block, Mahasamund District, Chhattisgarh



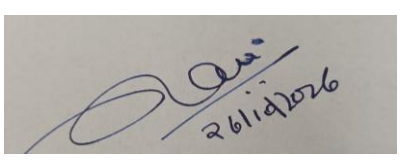
ID: ME/IN/G3/CT/P/26-27/310
Area: 2.87 sq.
[Implementing Agency: M/s PRB Infraprojects Private Limited]

a) The proposed area of 2.87 sq. km for preliminary exploration falls in Survey of India Toposheets no. 64K/04 in Mahasamund District, Chhattisgarh.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	i) 100% overlap with GSI previous exploration work (Sl. No. 1 of FS 2024-25) j) 100% overlap with GSI previous exploration work (Sl. No. 5 of FS 2017-18)
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 agency has no overlapping with the ongoing or completed blocks of MECL.
4	**DGM**	Not available
5	**NMEDT**	The proposed block is covered under **GSI projects for 2024–25** (Reconnaissance survey for Glauconitic sandstone in and around Sorid and Umarda area, Mahasamund District, Chhattisgarh). NMEDT funded blocks are not present within the proposed block, as per the NGDR Portal. However, the in-principle block Preliminary Exploration (G3 stage) for Glauconite in Chorbatti block, Mahasamund district, Chhattisgarh, by BMRC, is present in the vicinity(1.4km away) of the proposed block. The proposal was discussed in the 104th TCC Committee but was not recommended due to the small area of 1.3 sq. km.

c) The agency informed the committee that the proposed Nawapara Block had been identified for G3-stage exploration for glauconitic sandstone based on the Geological Survey of India's (GSI) reconnaissance survey conducted during FS 2024–25 in parts of SOI Toposheet No. 64K/04. The area forms part of the Chandarpur Group of the Chhattisgarh Supergroup, where glauconite-bearing sedimentary units occur within the Lohardih, Kansapathar and Chhaporadih Formations. Glauconite occurs as continuous bands and layers as well as discrete pellets (pelloids) within glauconitic sandstone, siltstone and shale. GSI geological mapping delineated prospective glauconitic horizons over significant strike lengths. In the Sorid–Banswini area, the Chhaporadih Formation unit extends approximately 1.4 km along strike with a width of 200–400 m; near Chorbhatti, the unit extends approximately 1–1.4 km along strike with a width of about 500 m. Interbedded sandstone and siltstone of the Kansapathar Formation have been mapped over approximately 1–1.3 km, with widths of 500–800 m, from Tumadabri towards Parsada–Nawapara. Chemical analyses recorded K_2O



concentrations ranging from 2.89% to 7.79%, with values exceeding 4% mainly associated with glauconitic shale and siltstone of the Chhaporadih Formation.

d) The committee observed that the anomalous values were mainly associated the shale-sandstone lithology which formed a small part of the proposed block, a water body is present on the north part of the block. The committee further asked the agency to show the results of previous work carried by GSI and checked the presence of Glauconite within subsurface. The committee further observed that the results showed high values of Al2O3 (%) greater than 20%.

e) The committee based on the above observations deferred the project to upcoming TCC-II meeting and advised the agency to consult GSI report and advised that it may reformulate the proposal.

Recommendations of TCC-II

The committee deferred the project to upcoming TCC-II meeting due to lack of geological control and advised the agency to reformulate the proposal.

Agenda 38.3.5 Preliminary Exploration of Base metal and associated mineralization in Langasu Block, Chamoli district, Uttarakhand

ID: ME/IN/G3/UK/P/26-27/307

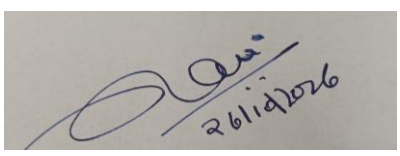
Area: 2.96 sq. Km.

[Implementing Agency: M/s MMPL Private Limited]

a) The proposed area of 2.96 sq. km for preliminary exploration falls in Survey of India Toposheets no. 53N/07 in Chamoli district, Uttarakhand.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	At present, one G4-stage and one G3-stage investigation have been proposed by SU:UK, GSI for FS 2027–28. The IPR for the G4 item has been completed, while the G3 proposal is presently under scrutiny at RMH II, NR. The NPEA proposed area for the G3 stage investigation overlaps with the proposed GSI G3 block.
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	**NMEDT**	No NMEDT funded blocks are found to overlap with the proposed block. The Jilasu- Jakhandi block submitted by MMPL for in-principle approval on 09/09/2026 is adjacent to the proposed block.
5	**DGM**	Not available



c) The committee observed that the proposed block lies very close in north side with Badrinath national highway which had defence related restrictions with area around it. Considering this fact the committee did not accord in-principle approval to the project.

Recommendations of TCC-II

The committee did not accord in principle approval to the proposal due to presence of Badrinath National Highway in just north side of the proposed block which has security related restrictions.

Agenda 38.3.6 Preliminary Exploration of Base metal and associated mineralization in Jilasu-Jakhandi Block, Chamoli district, Uttarakhand

ID: ME/IN/G3/UK/P/26-27/308

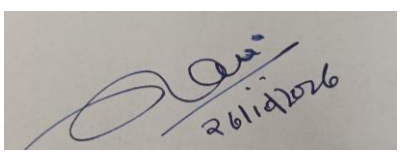
Area: 3.92 sq. km

[Implementing Agency: M/s MMPL Private Limited]

a) The proposed area of 3.92 sq. km for preliminary exploration falls in Survey of India Toposheets no. 53N/07, 53N/03 in Chamoli district, Uttarakhand.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	At present, one G4-stage and one G3-stageinvestigation have been proposed by SU:UK, GSI for FS 2027–28. The IPR for the G4 item has been completed, while the G3proposal is presently under scrutiny at RMH-II, NR. The NPEA proposed area for the G3-stage investigation overlaps with the proposed GSI G4 block.
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 agency completely overlaps with the future proposed block of MECL, for which consent has already been sought from the Department of Mines & Geology (DMG), Government of Andhra Pradesh. Hence, it is requested that the proposed block may not be considered for exploration at this stage.
4	**NMEDT**	No NMEDT funded blocks are found to overlap with the proposed block. The MMPL Lagasu block, submitted as in-principle on 08/09/2026, was presented Adjacent to the proposed block.
5	**DGM**	Not available



c) The committee observed that the proposed block lies very close in north side with Badrinath national highway which had defence related restrictions with area around it. Considering this fact the committee did not accord in-principle approval to the project.

Recommendations of TCC-II

The committee did not accord in principle approval to the proposal due to presence of Badrinath National Highway in just north side of the proposed block which has defence related restrictions.

Agenda 38.3.7 Preliminary Exploration(G3) for REE and RM at Tewali Block Garhwa District, Jharkhand

ID: ME/IN/G3/JH/P/26-27/240

Area: 4.34 Sq. Km.

[Implementing Agency: M/s. Sathi Planners Private Limited]

a) The proposed area of 4.34 sq. km for preliminary exploration falls in Survey of India Toposheet no. 64M/13 in Garhwa District, Jharkhand.

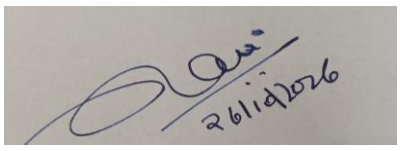
b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	Overlaps with G4 Exploration Liecence (EL) block submitted to NMH-II office for auction. This block was investigated by GSI in 2024-25 as G4 stage investigation and subsequently, based on promising values and on the request office of NMH-2, has been proposed as exploration Licence block which has been accepted.
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**	no overlapping with the ongoing or completed blocks of MECL.
4	**NMEDT**	Proposed block overlaps with Exploration block of GSI_G4_FS_2024-2025 (Reconnaissance survey for REE & Rare metals in and around Chhetki-Kurun area, Garhwa District, Jharkhand) as per NGDR. No NMEDT funded blocks present in and around the proposed block in NGDR Portal.
5	**DGM**	Not available

c) The committee did not accord in principle approval to the proposal due to overlap with GSI EL block submitted for auction.

Recommendations of TCC-II

The committee did not accord in principle approval to the proposal due to overlap with GSI EL block submitted for auction.



Agenda 38.3.8 Preliminary Exploration (G3) for Iron ore Mineralization in Beitar Block, Garhwa District, Jharkhand.

ID: ME/IN/G3/JH/P/26-27/295

Area: 12.03 Sq. Km.

[Implementing Agency: M/s. Sathi Planners Private Limited]

a) The proposed area of 12.03 sq. km for preliminary exploration falls in Survey of India Toposheets no. 63P/7 & 63P/11 in Garhwa District, Jharkhand

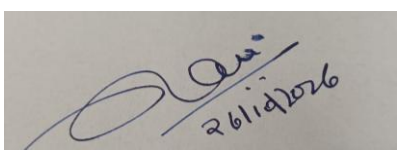
b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	Overlaps with GSI G4 exploration Khokha-Sisri-Amrora area Potash & Phosphate_FS 2024-25
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 has no overlapping with the ongoing or completed blocks of MECL.
4	**NMEDT**	There are no ongoing or completed NMEDT projects in or around the proposed block as per NGDR.
5	**DGM**	Not available

c) The referenced the GSI work during its G4 reconnaissance investigation in FS 2024–25. The area hosts Banded Haematite Quartzite (BHQ), Brecciated Haematite Quartzite (BHQ) and Banded Iron Formation (BIF), along with fault-associated, NE–SW-trending goethite-rich quartz reefs. Analytical results from eight bedrock samples recorded Fe_2O_3(T) values of 32.07–60.38%, while two petrochemical samples recorded 49.75–52.14%. The highest value of 60.38% Fe_2O_3(T) was reported in sample BRS-268 from brecciated haematite quartzite. GSI also identified an iron-enriched zone approximately 2 km long and 400 m wide, supported by a Bouguer gravity gradient and a high aeromagnetic anomaly.

d) The committee observed that the for G3 proposal the area is large, the agency had not visited the field and collected no samples from BIF bands. The committee opined based on BRS samples it was difficult to mount a G3 proposal. The committee further advised the agency to visit the field, do channel sampling focussing on BIF bands and reduce the area between 3.5-4 sq. km. The committee based on above observations accorded the in-principle approval to the project and advised the agency to come up with the results in DPR.

Recommendations of TCC-II



The committee accorded in principle approval to the proposal and submit the proposal within two months. The committee further advised the agency to visit the field, do channel sampling focussing on BIF bands and reduce the area between 3.5-4 sq. km.

Agenda 38.3.9 Preliminary Exploration (G3) for Tungsten and Gold in Bagdega–Karrajharia block, Simdega District, Jharkhand

ID: ME/IN/G3/JH/P/26-27/290

Area: 13.5 Sq. Km.

[Implementing Agency: M/s. Sathi Planners Private Limited]

a) The proposed area of 13.5 sq. km for preliminary exploration falls in Survey of India Toposheets no. 73B/6 in Simdega District, Jharkhand

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	Ovelaps with GSI exploration Sagjor-Tangratoli Bagdega block for Gold_G4 Stage_FSP 2020-21
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 GeoExpOre Pvt Ltd has no overlapping with the ongoing or completed blocks of MECL.
4	**NMEDT**	There are no ongoing or completed NMEDT projects in or around the proposed block as per NGDR.
5	**DGM**	Overlaps with State DGM FS 2026-27 work.

c) The committee did not accord in-principle approval to the proposal due to overlap with ongoing work of DGM Jharkhand. The committee advised the agency that it may reformulate its proposal.

Recommendations of TCC-II

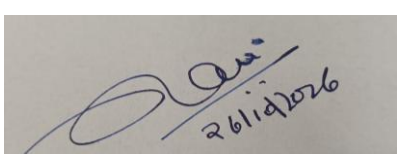
The committee did not accord in principle approval to the proposal in the present form due to overlap with ongoing work of DGM Jharkhand. It advised the agency that it may reformulate the proposal.

Agenda 38.3.10 Preliminary Exploration for Glauconite Mineral in Bhothahi Block, Baloda Bazar District, Chhattisgarh

ID: ME/IN/G3/CT/P/26-27/318

Area: 3.80 sq. km

[Implementing Agency: M/s Bhushilp Mines and Minerals Pvt Ltd]



a) The proposed area of 3.80 sq. km for preliminary exploration falls in Survey of India Toposheets no. 64K/7 in Baloda Bazar District, Chhattisgarh

b) The table containing the comments is given below:

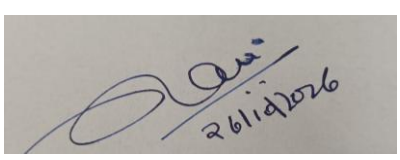
S.N.	Agency	Comment
1	**GSI**	100% overlap with GSI previous G4 exploration work (FS 2023-24) Reconnaissance survey for Glauconitic sandstone in and around Pairaguda and Jhalpani area, Baloda Bazar district, Chhattisgarh.
2	**AMD**	Not available
3	**MECL**	The proposed block no overlapping with the ongoing or completed blocks of MECL.
4	**NMEDT**	Overlaps With GSI FS 2023-24, Report on Reconnaissance Survey for Glauconitic Sandstone in and around Pairaguda and Jhalpani, Baloda Bazar District, Chhattisgarh. No NMEDT funded Blocks Overlap with proposed block.
5	**DGM**	There is no ongoing project in the proposed area.

c) The agency referenced the GSI G4 reconnaissance survey (FS 2023–24). The block falls within the Chandarpur Group of the Chhattisgarh Supergroup, where the Chaporadih Formation's siltstone and shale horizons constitute the principal exploration targets, with glauconitic sandstone of the Kansapathar and Lohardih Formations as secondary targets. Petrographic and mineralogical studies confirmed glauconite, with visual estimates indicating approximately 10–12% glauconite in favourable horizons. The regional glauconite-bearing unit extends for approximately 10 km along a NW–SE trend, with reported widths of 150–400 Geochemical results within the proposed block show K_2O values of 0.17–6.42% in bedrock samples, with the maximum value of 6.42% in siltstone sample BRS-40. Pitting and trenching results provide further evidence of potassium enrichment: Trench No. 6 recorded K_2O values of 3.25–3.65%, while Trench No. 7 recorded values up to approximately 6.74%

d) The committee based on above observations accord in-principle approval to the proposal and advised the agency to do field visit to substantiate more data in terms of dip, strike continuity, overburden thickness and target lithology and come up with this information in DPR.

Recommendations of TCC-II

The committee accorded in principle approval to the proposal based on encouraging values and submit DPR within 2 months. The committee advised the agency to do field visit to substantiate more data in terms of dip, strike continuity, overburden thickness and target lithology and come up with this information in DPR.



Agenda 38.3.11 Preliminary exploration (G3) for Gold and associated mineralization around South Shedbal block, Dharwar District, Karnataka

ID: ME/IN/G3/KA/P/26-27/320

Area: 1.47 sq. km

[Implementing Agency: M/s GeoExpOre Pvt Ltd]

a) The proposed area of 1.47 sq. km for preliminary exploration falls in Survey of India Toposheets no. 48I/14 in Dharwar District, Karnataka.

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	The NPEA proposed block is completely overlapping within Preliminary exploration for gold and associated mineralisation near Shedbal, Dharwad District, Karnataka. G3 Stage FS 2026-27.
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 has no overlapping with the ongoing or completed blocks of MECL.
4	**NMEDT**	Overlaps with GSI FS 2024-25, Reconnaissance survey for gold and associated mineralization in an area east of Kittur village, Belagavi and Dharwad Districts, Karnataka. Overlaps with GSI Ongoing FS 2026-27 project, Preliminary Exploration For Gold and Associated Mineralisation Near Shedbal, Dharwad District, Karnataka. No NMEDT funded blocks overlap with proposed block
5	**DGM**	Not available

c) The committee did not accord in principle approval to the proposal due to overlap with ongoing work of GSI 2026-27.

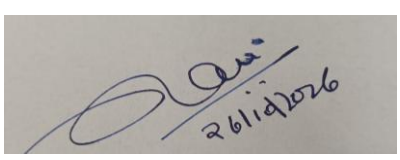
Recommendations of TCC-II

The committee did not accord in principle approval to the proposal due to overlap with ongoing work of GSI 2026-27.

Agenda 38.3.12 Reconnaissance Survey for Copper and Associated Mineral in Gunti Block, Tehsil Khetri, Jhunjhunu District, Rajasthan

ID: ME/IN/G4/RJ/P/26-27/259

Area: 25.4 sq. km



[Implementing Agency: M/s South West Pinnacle Exploration Limited]

a) The proposed area of 25.4 sq. km for reconnaissance survey falls in Survey of India Toposheets no. 44P/16 in Jhunjhunu District, Rajasthan

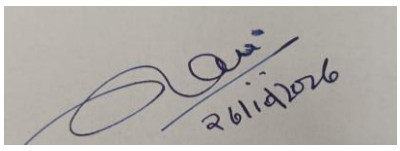
b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	At present no G4 stage exploration project is going on in the proposed area.
2	**AMD**	AMD has carried out reconnaissance exploration (G4 stage) for uranium in and around the proposed block in different phases. Grab samples (n=21) analysed up to 0.088% U3O8 and 0.13% ThO2 from the area. In view of the 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 no overlapping with the ongoing or completed blocks of MECL.
4	**NMEDT**	There is no overlapping with the NMEDT Funded projects.
5	**DGM**	Not available

c) This project was rejected in 33rd TCC-II meeting due to small area of 3.25 sq. km for G4 level of investigation.

d) The agency informed the committee The proposed Gunti Block, Jhunjhunu district, Rajasthan, was located in the northeastern extension of the Muradpur copper block within the North Khetri Copper Belt. The proposal seeks to undertake G4-stage reconnaissance exploration to investigate the possible extension of concealed copper mineralisation beneath alluvial cover. The area was enlarged from 3.25 sq. km to 25.4 sq. km following discussions in the 33rd TCC-II meeting held on 22 July 2026.

e) The agency referenced the previous exploration by GSI and MECL in the Singhana–Muradpur–Pacheri belt established significant copper mineralisation, including 5.43 million tonnes at 0.47% Cu in the Muradpur Central Block at a 0.20% Cu cut-off. Field observations in Gunti include ferruginous quartzite hillocks, malachite staining, brecciated quartzite and iron-rich bands. The agency collected two bedrock samples, SP-11 and SP-12, which recorded 104 ppm and 89 ppm Cu, respectively. Seven additional samples were collected during a revisit on 15 July 2026; their analytical results were reported as pending. Regional gravity and magnetic interpretations indicate structural contacts and possible alteration zones favourable for concealed mineralisation.



f) The committee observed that entire area was soil cover and the trend of the proposed area was following the Khetri copper belt trend as shown by gravity and magnetic NGPM anomalies. The corroboration of gravity and magnetic anomalies in the same trend may indicate alteration zones with structural control.

g) The committee based on the old work subsurface results and considering the support of gravity and magnetic NGPM anomalies in the same trend and continuity of Khetri copper belt accorded in-principle approval to the proposal. The committee further advised the agency to integrate the available geological, geophysical and geochemical data and come up with DPR within two months.

Recommendations of TCC-II

The committee accord in principle approval to the proposal based on old work encouraging results and support of Geophysical NGPM data. It advised the agency to integrate the available geological, geophysical and geochemical data and come up with DPR within two months.

Agenda 38.3.13 Preliminary exploration for Copper and Associated Mineral in Mothoka block (G-3) Jaipur & Sikar Districts, Rajasthan

ID: ME/IN/G3/RJ/P/26-27/266

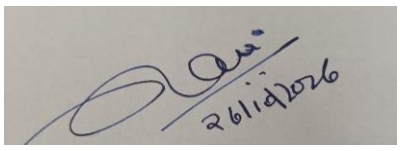
Area: 7.1 sq. km

[Implementing Agency: M/s South West Pinnacle Exploration Limited]

a) The proposed area of 7.1 sq. km for preliminary exploration falls in Survey of India Toposheets no. 54 A/1 in Jaipur & Sikar Districts, Rajasthan

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	At present, the proposed Mothoka NPEA block overlap (1.65) with the G3 exploration project by GSI in FS 2025-26. Overlaps with Reconnaissance survey for Basemetals, REE and RM mineralization in Baneti-Bhopiya area, Jaipur and Sikar districts of Rajasthan (G-4), FS 2023-24
2	**AMD**	AMD has carried out G4/G3 stage of exploration for uranium in and around the proposed block in different phases. Grab samples (n=50) analysed up to 2.0% U3O8 from the area. The proposed block has more than 90% overlap with the exploration block of AMD. Active sub-surface exploration by core drilling is under progress in Mothuka Ramsinghpura sector. In view of the above and ongoing exploration by AMD, the proposed block is not recommended.
3	**MECL**	The proposed block by M/s GeoExpOre Pvt Ltd has no overlapping with the ongoing or completed blocks of MECL.



4	**NMEDT**	There is no overlapping with the NMEDT Funded projects.
5	**DGM**	Overlap with Aravalli polygon.

c) The committee did not accord in-principle approval to the proposal due to substantive overlap with Aravalli area as per DGM comments.

Recommendations of TCC-II

The committee did not accord in-principle approval to the proposal due to substantive overlap with Aravalli area as per DGM comments.

Agenda 38.3.14 Preliminary exploration for Copper and Associated Mineral in Baneti-Churi block, Jaipur & Sikar Districts, Rajasthan

ID: ME/IN/G3/RJ/P/26-27/274

Area: 6 sq. km

[Implementing Agency: M/s South West Pinnacle Exploration Limited]

a) The proposed area of 6 sq. km for preliminary exploration falls in Survey of India Toposheets no. 54 A/1 in Jaipur & Sikar Districts, Rajasthan

b) The table containing the comments is given below:

S.N.	Agency	Comment
1	**GSI**	At present, at present no G3 exploration project is going on in the proposed area. Overlaps with GSI, Reconnaissance survey for Basemetals, REE and RM mineralization in Baneti-Bhopiya area, Jaipur and Sikar districts of Rajasthan (G-4), FS 2023-24
2	**AMD**	Not available
3	**MECL**	The proposed block by M/s GeoExpOre Pvt Ltd has no overlapping with the ongoing or completed blocks of MECL.
4	**NMEDT**	There is no overlapping with the NMEDT Funded projects as per NGDR Portal.
5	**DGM**	Overlap with Aravalli polygon.

c) The committee did not accord in-principle approval to the proposal due to substantive overlap with Aravalli area as per DGM comments.

Recommendations of TCC-II

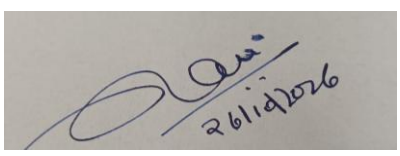
The committee did not accord in-principle approval to the proposal due to substantive overlap with Aravalli area as per DGM comments.

Agenda 38.3.15 Reconnaissance survey (G4) for REE and associated minerals in Godipada block Nayagarh district, Odisha.

ID: ME/IN/G4/OD/P/26-27/314

Area: 79 sq. Km

[Implementing Agency: M/s Shijay Projects India Private Limited]



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Agenda 38.3.16 Preliminary exploration for REE and RM in Venkatachalam Palle block, Prakasam district, Andhra Pradesh.

ID:ME/IN/G3/AP/P/26-27/324

Area: 4.27 sq. km

[Implementing Agency: M/s Shijay Projects India Private Limited]

&

Agenda 38.3.17 Reconnaissance Survey (G4) for Aluminiferous Laterite/Bauxite and associated Critical Minerals in Manhepat Block, Lohardaga District, Jharkhand.

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

Area: 17 Sq. km

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

&

Agenda 38.3.18 Preliminary Exploration (G3 Stage) for Glauconite (Potash) and Associated Minerals in Jhalpani-Bharka Block District, Baloda Bazar, Chhattisgarh

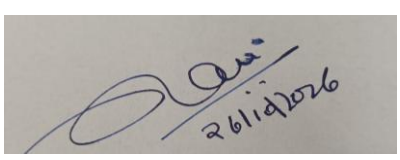
D: ME/IN/G3/CT/P/26-27/286

Area: 10.7 sq. km

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

Recommendations of TCC-II

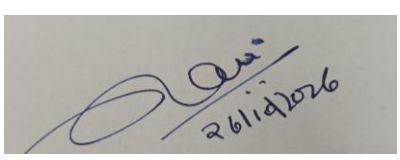
The committee deferred the projects 38.3.15 to 38.3.18 to upcoming TCC-II meeting.



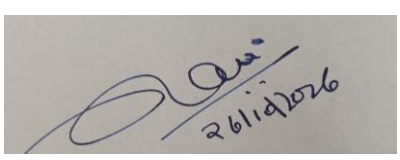
List of participants attended 38th meeting of Technical-cum-Cost Committee - II (TCC - II) of NMEDT held on 12th and 14rd October, 2026 through video conferencing mode

Annexure 1

S.no	Name	Designation	Email ID	Contact No	Organization
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38					
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