

**Ministry of Mines**  
**National Mineral Exploration and Development Trust**  
**Minutes of the 89th Technical-cum-Cost Committee-1 (TCC-1) Meeting held on**  
**30th & 31st January, 2026 through video conferencing**

---

The 89th Meeting of the Technical-cum-Cost Committee-I (TCC-1) of the National Mineral Exploration and Development Trust (NMEDT) was held via video conferencing under the chairmanship of Dr. S. Ravi, Deputy Director General (DDG), Geological Survey of India Training Institute (GSITI) and Chairman, TCC-1, NMEDT, on 30th & 31st January, 2026. Members of TCC-1, NMEDT and representatives from DGM Chhattisgarh, DGM Rajasthan, DGM WB, MECL, FAGMIL, Envirogreen Consultants (India) Private Limited, M/s. PRB Infraprojects Private Limited, M/s. Ocean Drilling and Exploration Private Limited, M/s. MMPL Private Limited, M/s. Critical Mineral Trackers, Gemcokati Exploration Pvt. Ltd., M/s Bhushilp Pvt. Ltd., Geo Marine Solutions Pvt. Ltd. and Mining Tech & Consultancy Services Ltd. have attended the meeting through their respective VC modes.

The list of participants is enclosed in Annexure-5.

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

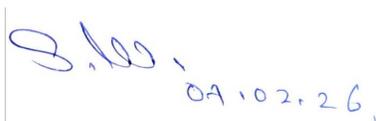
Dr. S. Ravi, Chairman of TCC-1, NMEDT, extended a warm welcome to all members of TCC-1 and participants representing various NEAs and NPEAs and conducted the proceedings as per circulated agenda.

**Agenda 89.1: Technical evaluation of new project proposals**

**Agenda 89.1.1. Preliminary Exploration (G3) for REE & associated mineralization in  
Bhurwara block, Rajsamand, District, Rajasthan.**

**[Implementing Agency: FAGMIL]**

- a. The proposed block falls in Survey of India TS No. 45G/15 and 45K/03, and exposes rocks of Mangalwar Complex, Sandmata Complex and Ran Igneous Complex intruded by numerous pegmatite bodies.
- b. As a part of National Geochemical Mapping (NGCM) of toposheet 45G/15, total REE concentration of 1035.83ppm and 945ppm were reported in composite sample which lies over the gneisses of the Sambhugarh Formation in eastern part of the mapped area.
- c. Concentration of total tREE (610 ppm) is observed in the rocks of Anjana Granite/gneiss and Migmatite in the mapped area.
- d. S. Neogi and A. Raza (2017) reported  $\Sigma$ REE concentrations of 1890–1909 ppm near Racheti and Kundwa, occurring within younger intrusive metagabbro bodies in the study area.
- e. During FS 2020–21, GSI–WR carried out G4-stage exploration in the Panri–Kundwa area for REE and associated mineralization and reported three mineralized zones: (i) north of Narana with  $\Sigma$ REE+Y values up to 1081 ppm, (ii) about 500 m south of Samarnaka village with tungsten values up to 166.74 ppm, and (iii) about 1.5 km ENE of Dangri within Anjana porphyritic augen gneiss.

  
09.10.2026

  
09/10/2026

- f. The proposed block had been presented for G3-stage exploration of REE with associated Sn and W mineralization in granites and migmatites, with the objective of quantifying REE resources under the UNFC (333) category.
- g. The agency informed that only a few bedrock samples (BRS) had been collected and that the analyses were carried out solely using the XRF method.
- h. The Committee noted that isolated high tREE values reported during the GSI G4 investigation fell outside the proposed G3 area. Further, no definite high or anomalous REE concentration zone was demarcated within the proposed G3 block.
- i. The Committee observed that the tREE values in the proposed area were far below the minimum cut-off required for REE exploration, and the host lithology was not favourable for REE mineralization.
- j. The committee observed that database available in the area does not support to recommend the area for G3 stage exploration.

Sl.No.	Agency	Brief Comments
1.	GSI	GSI has carried out G4 stage exploration, however, the proposed block does not overlap with any G3 stage exploration or ongoing projects .
2.	MECL	As per given document by the agency, the block area is coming out to be 4.64 sq km. However, the block area mentioned in the document is 17.60 sq km. MECL has not carried out exploration in the proposed area.
3.	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodities mentioned.
4.	State DMG/DGM/CGM	The area falls out of Aravalli Ranges more than 100 m-subjected to the judgement of Supreme Court.
5.	NMEDT	No overlap with past or ongoing projects of NMEDT, however as per NGDR there are many mining lease areas within the proposed block.

**Recommendations of TCC-1:**

***The committee deferred the proposal as the proposed block does not appear feasible for undertaking G3 stage of exploration for REE and associated commodities.***

**Agenda 89.1.2. Preliminary Exploration (G3) for REE & associated mineralization in Kundwa block, Rajsamand, District, Rajasthan.**

**[Implementing Agency: FAGMIL]**

- a. The proposed block falls in Survey of India TS No. 45G/15 and 45K/03 and exposes rocks of Mangalwar Complex, Sandmata Complex and Ran Igneous Complex intruded by numerous pegmatite bodies
- b. As a part of National Geochemical Mapping (NGCM) of Toposheet 45G/15, total REE concentration of 1035.83ppm and 945ppm in composite sample were reported which lies over the gneisses of the Sambhugarh Formation in eastern part of the mapped area.

*S. B. S.*  
04.02.26

*Pravir*  
07/02/2026

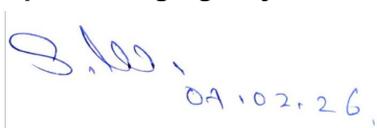
- c. Concentration of total tREE (610ppm) is observed in the rocks of Anjana Granite/gneiss and Migmatite in the mapped area.
- d. S. Neogi and A. Raza (2017) reported  $\Sigma$ REE concentrations of 1890–1909 ppm near Racheti and Kundwa, occurring within younger intrusive metagabbro bodies in the study area.
- e. During FS 2020–21, GSI–WR carried out G4-stage exploration in the Panri–Kundwa area for REE and associated mineralization and reported three mineralized zones: (i) north of Narana with  $\Sigma$ REE+Y values up to 1081 ppm, (ii) about 500 m south of Samarnaka village with tungsten values up to 166.74 ppm, and (iii) about 1.5 km ENE of Dangri within Anjana porphyritic augen gneiss.
- f. The proposed block had been presented for G3-stage exploration of REE with associated Sn and W mineralization in granites and migmatites, with the objective of quantifying REE resources under the UNFC (333) category.
- g. The agency informed that only a few bedrock samples (BRS) had been collected and that the analyses were carried out solely using the XRF method.
- h. The Committee noted that isolated high tREE values reported during the GSI G4 investigation fell outside the proposed G3 area. Further, no definite high or anomalous REE concentration zone was demarcated within the proposed G3 block.
- i. The Committee observed that the tREE values in the proposed area were far below the minimum cut-off required for REE exploration, and the host lithology was not favourable for REE mineralization.
- j. The committee observed that database available in the area does not support to recommend the area for G3 stage exploration.

Sl. No .	Agency	Brief Comments
1 .	GSI	GSI has carried out G4 stage exploration, however, the proposed block does not overlap with any G3 stage exploration or ongoing projects .
2 .	MECL	MECL has not carried out exploration in the proposed area.
3 .	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodities mentioned.
4 .	State DMG/DGM/CGM	The area falls out of Aravalli Ranges more than 100 m-subjected to the judgement of Supreme Court.
5 .	NMEDT	No overlap with past or ongoing projects of NMEDT, however as per NGDR there are many mining lease areas within the proposed block.

**Recommendations of TCC-1:**

***The committee deferred the proposal as the proposed block does not appear feasible for undertaking G3 stage of exploration for REE and associated commodities.***

**Agenda 89.1.3. Preliminary Exploration (G3) for REE & associated mineralization in Mad block, Rajsamand, District, Rajasthan  
[Implementing Agency: FAGMIL]**





- a. The proposed block falls in Survey of India TS No. 45G/15 and 45K/03 and exposes rocks of Mangalwar Complex, Sandmata Complex Complex and Ran Igneous Complex intruded by numerous pegmatite bodies
- b. As a part of National Geochemical Mapping (NGCM) of toposheet 45G/15, total REE concentration of 1035.83ppm and 945ppm in composite sample were reported which lies over the gneisses of the Sambhugarh Formation in eastern part of the mapped area.
- c. Concentration of total tREE (610ppm) is observed in the rocks of Anjana Granite/gneiss and Migmatite in the mapped area.
- d. S. Neogi and A. Raza (2017) reported  $\Sigma$ REE concentrations of 1890–1909 ppm near Racheti and Kundwa, occurring within younger intrusive metagabbro bodies in the study area.
- e. During FS 2020–21, GSI–WR carried out G4-stage exploration in the Panri–Kundwa area for REE and associated mineralization and reported three mineralized zones: (i) north of Narana with  $\Sigma$ REE+Y values up to 1081 ppm, (ii) about 500 m south of Samarnaka village with tungsten values up to 166.74 ppm, and (iii) about 1.5 km ENE of Dangri within Anjana porphyritic augen gneiss.
- f. The proposed block had been presented for G3-stage exploration of REE with associated Sn and W mineralization in granites and migmatites, with the objective of quantifying REE resources under the UNFC (333) category.
- g. The agency informed that only a few bedrock samples (BRS) had been collected and that the analyses were carried out solely using the XRF method.
- h. The Committee noted that isolated high tREE values reported during the GSI G4 investigation fell outside the proposed G3 area. Further, no definite high or anomalous REE concentration zone was demarcated within the proposed G3 block.
- i. The Committee observed that the tREE values in the proposed area were far below the minimum cut-off required for REE exploration, and the host lithology was not favourable for REE mineralization.
- j. The committee observed that database available in the area does not support to recommend the area for G3 stage exploration.

Sl. No .	Agency	Brief Comments
1 .	GSI	GSI has carried out G4 stage exploration, however, the proposed block does not overlap with any G3 stage exploration or ongoing projects .
2 .	MECL	MECL has not carried out exploration in the proposed area.
3 .	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodities mentioned.
4 .	State DMG/DGM/CGM	There are several mining leases in the Mad area related to minor minerals. The area falls out of Aravalli Ranges more than 100 m-subjected to the judgement of Supreme Court.
5 .	NMEDT	No overlap with past or ongoing projects of NMEDT, however as per NGDR there are many mining lease areas within the proposed block.

S. B. 09.02.26

09/02/26

**Recommendations of TCC-1:**

*The committee deferred the proposal as the proposed block does not appear feasible for undertaking G3 stage of exploration for REE and associated commodities.*

**Agenda 89.1.4. Preliminary Exploration (G3) for REE & associated mineralization in Narana block, Rajsamand, District, Rajasthan.**

**[Implementing Agency: FAGMIL]**

- a. The proposed block falls in Survey of India TS No. 45G/15 and 45K/03 and exposes rocks of Mangalwar Complex, Sandmata Complex and Ran Igneous Complex intruded by numerous pegmatite bodies
- b. As a part of National Geochemical Mapping (NGCM) of toposheet 45G/15, total REE concentration of 1035.83ppm and 945ppm in composite sample were reported which lies over the gneisses of the Sambhugarh Formation in eastern part of the mapped area.
- c. Concentration of total tREE (610ppm) is observed in the rocks of Anjana Granite/gneiss and Migmatite in the mapped area.
- k. S. Neogi and A. Raza (2017) reported  $\Sigma$ REE concentrations of 1890–1909 ppm near Racheti and Kundwa, occurring within younger intrusive metagabbro bodies in the study area.
- l. During FS 2020–21, GSI–WR carried out G4-stage exploration in the Panri–Kundwa area for REE and associated mineralization and reported three mineralized zones: (i) north of Narana with  $\Sigma$ REE+Y values up to 1081 ppm, (ii) about 500 m south of Samarnaka village with tungsten values up to 166.74 ppm, and (iii) about 1.5 km ENE of Dangri within Anjana porphyritic augen gneiss.
- m. The proposed block had been presented for G3-stage exploration of REE with associated Sn and W mineralization in granites and migmatites, with the objective of quantifying REE resources under the UNFC (333) category.
- n. The agency informed that only a few bedrock samples (BRS) had been collected and that the analyses were carried out solely using the XRF method.
- d. The Committee observed that tREE values exceeding 1000 ppm were recorded in parts of the proposed area. Accordingly, the Committee advised the agency to focus on the high-value zones and carve out a revised block by excluding the northern portion, which showed comparatively lean tREE values.
- e. The Committee observed that the data presented were insufficient to recommend the project for G3-stage exploration. The Committee advised the agency to submit a comprehensive dataset for the Narana Block by integrating all available baseline and legacy data, including airborne geophysics, NGCM, NGPM, and G4-stage investigation results, with the baseline datasets superposed on the geological map for comprehensive review.
- f. The Committee further advised the agency to chalk out and present a comprehensive action plan for execution of the proposed G3-stage exploration in the next TCC-I meeting.

Sl. No .	Agency	Brief Comments
1 .	GSI	GSI has carried out G4 stage exploration, however, the proposed block do not overlap with any G3 stage exploration or ongoing projects .
2 .	MECL	MECL has not carried out exploration in the proposed area.

S. B. 09.02.26

09/02/26

3.	AMD	AMD has not carried out any exploration / reconnaissance project in the proposed block. There is no ongoing exploration / reconnaissance project. AMD does not have baseline / exploration data on the commodities mentioned.
4.	State DMG/DGM/CGM	The area falls out of Aravalli Ranges more than 100 m-subjected to the judgement of Supreme Court.
5.	NMEDT	No overlap with past or ongoing projects of NMEDT, however as per NGDR there are many mining lease areas within the proposed block.

**Recommendations of TCC-1:**

***The committee deferred the proposal and suggested the agency to bring revised proposal in next TCC-1 meeting as per the suggestions of the committee.***

**Agenda 89.1.5. Reconnaissance Survey (G4) for Tungsten, Copper, Cobalt, Lead, Zinc, Chromium, Nickel, Vanadium, REE, Soapstone, Limestone & Associated Minerals in Kanore-Bari Sadri in Udaipur & Chittorgarh districts, Rajasthan.**

**[Implementing Agency: M/s. Envirogreen Consultants (India) Private Limited]**

- a. The proposed block falls in Survey of India TS No. 45L/03, 45L/07 & 45L/08 and exposes rocks of Bhilwara Super Group comprising Granite Gneiss, Migmatite, Composite Gneiss, Amphibolite/ Hornblende Schist, Conglomerate, Shale, Slate & Phyllite.
- b. The proposed are is part of the 48 legacy report allocated to the agecny by Joint TCC, NMEDT.
- c. DGM, Rajasthan had carried out G4-stage reconnaissance surveys during FS 1983–84 over an area of about 128 sq. km in and around Bansī, Utarwara, Kahara, Manucea, Bansī–Bohera, Andokhera, Khemji-ka-Khera, Miyana, Bansī–Dabela, Tajela, Seti and Bhatia villages in Dhariyawad tehsil, Udaipur district. The geochemical sampling indicated the presence of Cu (0.60–2.45%), Pb (0.37–0.48%), Zn (10–30 ppm) and Co (50–110 ppm), and some samples also showed tungsten mineralization (up to ~0.6% WO<sub>4</sub>).
- d. GSI conducted G4 reconnaissance for base-metal mineralization in the Lasaria–Relwara–Kalibhint areas of Chittorgarh and Udaipur districts during FS 2022–23. Bedrock samples yielded Cu values up to 3.96%, and channel samples (CH-04-LS and CH-20-LS) recorded mineralized intervals of 3 m @ 0.43% Cu and 5 m @ 0.56% Cu.
- e. Based on G4-stage results, four mineralized zones—Gundla Ki Bhagal, south of Bera Ka Sotha, Malon Ka Gura, and east of Dhikia village—were identified for further detailed exploration.
- f. During FS 2024-25, G3 level investigations in Gundla Ki Bhagal and Bera Ka Sotha blocks and G4 level investigation in Kundela-Devaliya-Kalipol area has been carried out by GSI. The analytical results are awaited.
- g. Bedrock samples yielded Cu values up to 2.5% and channel samples up to 3.2%. Channel and trench sampling delineated multiple mineralized zones averaging 0.22–1.46% Cu over widths of 3–12 m.
- h. The Committee noted that the agency informed about the assessment of mineral resources and the proposal to enhance the exploration level of Cu, V, Co, W, soapstone,

*S. S. S.*  
04.10.2026

*Pravir*  
07/10/2026

limestone, Pb, Zn, REE and associated minerals in the proposed 55.0 sq. km block at the G4 stage.

- i. The Committee reviewed the proposal and found that the proposed 55 sq. km block comprised five sub-blocks for different commodities, dispersed over a much larger area of about 800 sq. km.
- j. The Committee noted that two sub-blocks—Block-2 (Kheri) and Block-5 (Kel-ki-Kui)—completely overlapped with GSI blocks Motida–Balicha (FS 2025-26) and Kundela–Devaliya–Kalipol (FS 2024-25), while two sub-blocks—Block-1 (Pithalpur–Shavpura) and Block-3 (Kalibhint)—partially overlapped with GSI blocks Lasaria (FS 2022-23) and Kanore–Loonada–Kerpura (approved FS 2026-27).
- k. The Committee advised the agency to re-examine the proposal and carve out a potential block by excluding areas already covered. The Committee further suggested that the G4 investigation area be proposed as a continuous block instead of isolated small sub-blocks, and that the associated mineral commodities be identified based on the litho-package and reflected in the project title.
- l. The agency had modified the area and presented a revised project proposal after addressing the Committee’s suggestions.
- m. The committee reviewed the revised proposal and recommended for approval.

Sl. No .	Agency	Brief Comments
1.	GSI	Four sub blocks of the proposed area partially/ completely overlaps with GSI’s projects .
2.	MECL	MECL has not carried our exploration in the proposed area.
3.	AMD	The sub block, Kesarpura is overlapping with AMD’s block. AMD has carried out reconnaissance exploration (G4 stage) for uranium in and around the Block-4 (Kesarpura Block) with partial overlap. Conglomerate samples (n=2) from the area analysed up to 0.085-0.19% ThO2.
4.	State DMG/DGM/CGM	Awaited. The representative from DMG Rajasthan, present in meeting, stated that area is not overlapping with any project. However, detailed comments regarding overlapping, existing lease, Aravalli status etc. will be provided soon.
5.	NMEDT	No overlap with past or ongoing projects of NMEDT

**Recommendations of TCC-1:**

***The committee recommended the proposal titled “Reconnaissance Survey (G4) for Critical & Associated Minerals in Kanore-Bari Sadri area in Udaipur & Chittorgarh districts, Rajasthan” for approval of PSC, NMEDT with an estimated cost of Rs. 205.41 lakh (including GST) within time schedule of 10 months for carrying out the proposed work and submission of report as per Annexure – 1A & 1B. The item will be reviewed after 3 and 6 months.***

*S. B. S.*  
04.02.26

*S. B. S.*  
04.02.26

## Annexure 1A

## Reconnaissance Survey (G4) for Critical &amp; Associated Minerals in Kanore-Bari Sadri area in Udaipur &amp; Chittorgarh districts, Rajasthan

Area of the Block -120 Sq Km; Drilling: 500 m, No. of BH: 05, Depth of each borehole-100m (BGL) ; Completion Time - 10 Months Review Month :After 3rd months &amp; 6th months

S. No.	Item of Work	Unit	Rates as per NMEDT SoC (2025)		Estimated Cost of the		Remarks
			SoC-Item -S. No.	Rates as per SoC	Qty.	Total Amount (Rs)	
<b>Phase I (LSM, Pitting, Trenching, Surface Sampling)</b>							
<b>A</b>	<b>GEOLOGICAL WORK</b>						Drilling in 2nd phase
<b>1</b>	<b>Mapping (1:12500)</b>						
	<b>Large scale (LSM) Geological Mapping/ Traverse mapping / Detailed Mapping in Peninsular India</b>		1.1b	18300	120	21,96,000	Including Pitting, Trenching and Surface Sampling
i)	Charges for one Geologist per day at HQ	day	1.1	10,500	50	5,25,000	
ii)	Charges for one Geologist per day at field	day	1.1	14,500	0	0	
iii)	Labour for Geologist (2 Nos)	day	5.8	541	0	0	
iv)	Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	7,850	89	6,98,650	
v)	Labours for sampling work (4 Nos)	day	5.8	541	356	1,92,596	
	<b>Sub-Total A</b>					<b>36,12,246</b>	
<b>B</b>	<b>PITTING (2m*2m*2m)</b>	Per cum	2.1.2	4725	200	9,45,000	
	<b>Trenching</b>		2.1.1	4125	100	4,12,500	
	<b>Sub-Total B</b>					<b>13,57,500</b>	
<b>Phase II (Drilling)</b>							
<b>C</b>	<b>EXPLORATORY DRILLING (Outsourced)</b>						
i)	Drilling in hard rock (Outsourced)	m	2.2.1.1d	10,000	500	50,00,000	5 Nos of BH up to 100 m depth each BH
ii)	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	30,000	5	1,50,000	As per actuals as certified by local authorities subject to a maximum of 30,000 per bore hole

S. No. 09.102.26

07/02/2026

iii)	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2,000	5	10,000	
vi)	Miscellaneous Charges (Transportation of Drilling Rig, Accommodation for Drill Camp, Camp setting and winding, construction of Approach road and Drill core preservation)	lumpsum	2.2.9	For Drilling cost less than 50 Lakhs: 25% of the Drilling Cost.		12,50,000	200 m of core preservation to be done. Drill core preservation of 1 complete BH and remaining mineralised zone
	Charges for one Geologist per day at field	day	1.1	14,500	30	4,35,000	For core logging and sampling
	Labour for Geologist (2 Nos)	day	5.8	541	60	32,460	
	<b>Sub Total C</b>					<b>68,77,460</b>	
<b>D</b>	<b>LABORATORY STUDIES</b>						
<b>1</b>	<b>Chemical Analysis</b>						
1	<b>Chemical Analysis: Surface Samples (Bed Rock/Channel/Soil/ Stream Sediment/ Pitting Samples)</b>						
	<b>Primary samples</b>						
	Major oxides (WD XRF)- (oxides+ traces -24 elements)	Nos	4.1.17a	4200	100	4,20,000	
	b. 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	Nos	4.1.15	7,400	450	33,30,000	100 core samples + 350 (Pitting/Trenching/Surface)
	c. For Five Radicals through AAS	Nos	4.1.8a	2,506	100	2,50,600	
	<b>Check samples (10% external)</b>						
i)	Major oxides (WD XRF)- (oxides+ traces -24 elements)	Nos	4.1.17a	4200	10	42,000	
ii)	b. 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	Nos	4.1.15	7,400	45	3,33,000	
	c. For Five Radicals through AAS	Nos	4.1.8a	2,506	10	25,060	
<b>3</b>	<b>Petrological Studies</b>						
	Preparation of polished thin section of rock/ wafer		4.3.2	800	15	12,000	

S. B. 09.10.2026

09/10/2026

ii)	Complete petrographic/ore microscopic study/mineragraphic report of rock sample (along with 5 nos. Digital Photomicrographs)	Nos	4.3.4	2,800	15	42,000	
	<b>Sub Total D</b>					<b>44,54,660</b>	
	<b>Total (A to D)</b>					<b>1,63,01,866</b>	
<b>E</b>	<b>Preparation of Exploration Proposal</b>		5.1	2% of the Cost or Rs. 5 Lakhs whichever is lower		<b>3,25,386</b>	
<b>F</b>	<b>Geological Report Preparation</b>	Cost of 5 Hard copies with a soft copy	5.2	iii) Reconnaissance Survey/ Preliminary exploration/General exploration exceeding 150 lakh	1	<b>7,50,000</b>	Detailed Exploration Report for block will be submitted
	<b>Peer Review Charges</b>		As per EC decision			<b>30,000</b>	
<b>G</b>	<b>Total Estimated Cost without GST</b>					<b>1,74,07,252</b>	
<b>H</b>	<b>Provision for GST (18% of G)</b>	%				<b>31,33,305</b>	GST will be reimbursed as per actual and as per notified prescribed rate
<b>I</b>	<b>Total Estimated Cost with GST</b>					<b>2,05,40,557</b>	
				<b>or Say Rs. In Lakhs</b>		<b>205.41</b>	

Note:

- 1 **Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.**
- 2 **In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.**
- 3 **If any part of the project is outsourced, the amount will be reimbursed as per the Item no. 6 of NMET SoC. In case of execution of the project by NEA on its own, a Certificate regarding non outsourcing of any component/project is required.**
- 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.**

S. W. 09.10.26

09/10/2026

**Time Schedule/ Action Plan for Reconnaissance Survey (G4) for Critical & Associated Minerals in Kanore-Bari Sadri area in Udaipur & Chittorgarh districts, Rajasthan**

S. No.	Activities	Unit	Months											
			1	2	3	4	5	6	7	8	9	10		
<b>PHASE-I</b>														
1	Camp Mobilization & Setting	Month												
2	Geologist Party days in HQ (1 Party)	Month												
3	Geological mapping & sampling	day /Month												
4	Trenching	day /Month												
5	Pitting	m.												
<b>PHASE-II</b>														
6	Drilling , Core Logging	day												
7	Geologist Party days in field (1 Party)	day												
8	Sampling Party days, Core Sampling (1 party)	day												
9	Laboratory Studies (Sample preparation & Analysis)	Nos.												
10	Camp Winding	Month												
11	Geological Report Writing	Month												

S. No. 04.02.26

04/02/26

**Agenda 89.1.6. Preliminary Exploration (G3) for Limestone in and around villages Basni Hari Sing, Rampura, and Garasani, Bhopalgarh Taluka, Jodhpur District, Rajasthan.**

**[Implementing Agency: M/s. PRB Infraprojects Private Limited]**

- a. The proposed block falls in Survey of India TS No. 45 F/05, 09 and exposes sedimentary sequences of the Marwar Supergroup of Neoproterozoic to Early Cambrian age.
- b. The dolomitic limestone of the Bilara Group exposures near Basni Harisingh locally exhibit SMS (Steel Melting Shop) and BF (Blast Furnace) grade quality. The fine- to medium-grained grey limestone, exposed near Basni Harisingh, Rampura, and Bani Khurd, is thickly bedded, showing excellent lateral continuity. Chemical analyses indicate that these limestones are of cement grade to chemical grade quality.
- c. GSI has carried out geological mapping in the parts of Jodhpur district Rajasthan during F.S.P.1999-2000 and has reported occurrence of fossiliferous limestone in the Marwar formation.
- d. Chief Mining and Geological Department (CGM), Rajasthan have carried out detailed field mapping and drilled 19 boreholes (BSN-1 to BSN-19) in the Basni area. Subsurface data reveal that the sequence comprises four distinct limestone varieties—dolomitic, cement-grade, BF-grade, and SMS-grade—showing both lateral and vertical variability.
- e. The agency informed the committee regarding assessment of the limestone resource & to enhance the exploration level to estimate the in-situ resources of different grade of limestone at G3 stage (333 category)
- f. DMG-Rajasthan apprised the committee that the proposed area is to be auctioned in the forthcoming year by State Government for limestone commodity. Hence this block cannot be given for further exploration activities.

Sl. No .	Agency	Brief Comments
1 .	GSI	In the proposed area, GSI has not carried out any exploration work. Though GSI has carried out Limestone exploration near the proposed NPEA block on 1:63,630 scale. No G3 level investigation was carried out by GSI in the proposed area. The NPEA project is mainly based on DMG Rajasthan work conducted exploration work in 1998-2000. As per DMG report, <b>1.0 sq. km detailed mapping and 590 m drilling</b> was conducted during <b>FS 1999–2000</b> .
2 .	MECL	MECL has not carried our exploration in the proposed area.
3 .	AMD	NA
4 .	State DMG/DGM/CGM	The proposed area is to be auctioned in the forthcoming year for limestone commodity and the remaining exploration work would be carried out by DMGR.
5 .	NMEDT	No overlap with past or ongoing projects of NMEDT, however, as per NGDR there are two mining leases within the proposed block.

*S. B. S.*  
09.02.26

*Prabhu*  
09/02/26

**Recommendations of TCC-1:**

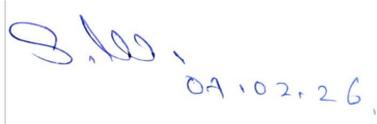
*The Committee deferred the proposal as DMG, Rajasthan informed that the area is proposed to be auctioned by the State Government in the forthcoming year for limestone.*

**Agenda 89.1.7. Preliminary exploration (G3) for Rare Earth Elements and Associated mineralization in North of Kuship Block, Balotra District, Rajasthan  
[Implementing Agency: M/s. Ocean Drilling and Exploration Private Limited]**

- a. The project was recommended during 11<sup>th</sup> meeting of TCC-II. However, the recommendation of TCC-II was deferred during PSC-I meeting.
- b. Hence, re-costing of the project as per revised SoC 2025 for the approved work quantum has been done.

**Recommendations of TCC-1:**

*The committee recommended the proposal titled "Preliminary exploration (G3) for rare earth elements and associated mineralization in North of Kuship Block, Balotra District, Rajasthan" for approval of PSC, NMEDT with an estimated cost of Rs. 682.36 lakh (including GST) within time schedule of 12 months for carrying out the proposed work and submission of report as per Annexure – 2A & 2B. The item will be reviewed after 6 months.*

Handwritten signature and date: 09.10.26

Handwritten signature and date: 09/10/26

**Preliminary exploration (G3) for Rare Earth Elements and associated mineralization in North of Kuship Block, Balotra District, Rajasthan**  
**Area: 2.3 sq.km, Scale 1:2,000**  
**(Schedule timeline: 12 months Review: After 06 Months)**

S. No.	Item of Work *	Unit *	Rates as per NMEDT SoC 2025-26		Estimated Cost of the Proposal As per Previous SoC	Total Amount (Rs) as per SoC 2025-26	Remarks
			SoC-Item No.*	Rates as per SoC*	Qty. (b)		
<b>A</b>	<b>Geological Mapping, Other Geological Work &amp; Surveying</b>						
	a.Geological Mapping(DM)(1:2000 scale)with Countouring	Per sq.km.	1.1	18300	2.3	42,090	
1	b. Charges for Geologist per day (Field) Geological mapping (1:2,000 scale)	day	1.2.1a.b	14,500	180	26,10,000	
	c. Labours Charges; Base rate	day	5.8	541	360	1,94,760	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
3	a. Charges for Geologist per day (HQ)	day	1.2.1a.a	10,500	60	6,30,000	
4	a. Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	7,850	146	11,46,100	
	b. Labours (4 Nos)	day	5.8	541	584	3,15,944	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
	<b>Sub Total- A</b>					<b>49,38,894</b>	

S. No. 04.02.26

07/02/26

<b>B</b>		<b>Survey work</b>					
1	DGPS Survey for BH fixation & RL determination along with the demarcation of block boundary	Per Point of observation	1.3.2	24,000	35	840000	
2	a. Charges of Surveyor (1 party) for Detail mapping and contouring by total station (outsourced)	one surveyor per day	1.3.1	10,500	45	472500	
	b. Labour Charges for survey work (4 Nos)	day	5.8	541	180	97380	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
<b>Sub-Total B</b>						<b>14,09,880</b>	
<b>C</b>		<b>DRILLING (In-house)</b>					
1	Drilling up to 300m (Hard Rock), NQ	m	2.2.1.1d	10000	3650	3,65,00,000	In the initial phase 4 BH will be drilled one on each grid line. The Subsequent drilling will be after the review of results
2	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	30,000	31	9,30,000	As per actuals
3	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2000	31	62,000	
4	Borehole plugging by cement	BH	2.2.8	10000	31	310000	
5	Miscellaneous charges (Transportation of Drilling Rig, Accommodation for drill Camp, Camp setting and winding, construction of Approach road and drill core preservation).		2.2.9(4)	For Drilling cost more than 2 crore: 10% of the Drilling Cost with a maximum ceiling of INR 25 Lakh.		25,00,000	Core Preservation of 1000 m to be done
<b>Sub Total C</b>						<b>4,03,02,000</b>	
<b>D</b>		<b>Borehole Geophysical Logging</b>					

S. W. 09.10.26

07/10/26

1	Borehole Geophysical Logging (5 bh of 350m each)	(5 bh of 350m each)	3.12	1088941	1	10,88,941	
<b>Sub Total D</b>						<b>10,88,941</b>	
<b>E</b>	<b>LABORATORY STUDIES</b>						
1	<b>Chemical Analysis</b>						
	<b>Primary samples</b>						
i)	a. Analysis of one rock sample for determination of package by 34 elements by ICP-MS	Nos	4.1.16f	7,400	1,000	74,00,000	The quantum of sampling will be determined after the results of initial 4 BHs (100 BRS, 50 Trench)
	b. Check samples Internal (10%)	Nos	4.1.16f	7,400	100	7,40,000	
2	<b>Petro Chemical Samples (Whole rock analysis)</b>						
i)	Major oxides by XRF	Nos	4.1.17a	4,200	30	1,26,000	
	b. Check samples Internal (10%)	Nos	4.1.17a	4,200	3	12,600	
iii)	Analysis of one rock sample for determination of a package by 34 elements/radicals by ICP-MS	Nos	4.1.15	7,400	30	2,22,000	
	b. Check samples Internal (10%)	Nos	4.1.15	7,400	3	22,200	
3	XRD analysis for identification of minerals (Random)	Nos	4.5.2	4,000	10	40,000	
4	<b>Physical &amp; Petrological Studies</b>						
i	Preparation of thin section	Nos	4.3.2	800	25	20,000	
ii	Study of thin section	Nos	NA	NA	25	NA	
iii)	Digital photomicrograph of thin polished section	Nos.	NA	NA	50	NA	

S. B. S. 09.10.2026

09/10/2026

iv)	Complete petrographic/ore microscopic study/mineralgraphic report of rock sample(along with 5 nos. digital photo micrographs)	per Sample	4.3.4	2800	25	70000	
v)	Bulk Density	Nos	4.8.3	2500	20	50,000	
vi)	EPMA	per hour	4.4.1	10,500	10	1,05,000	
<b>Sub Total E</b>						<b>88,07,800</b>	
<b>H</b>	<b>Total A to E</b>					<b>5,65,47,515</b>	
<b>I</b>	<b>Geological Report Preparation</b>	<b>5 Hard copies with a soft copy</b>	5.2(iii)	7,50,000		7,50,000	Reimbursement will be made after submission of the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMET.
<b>J</b>	<b>Peer review Charges</b>		<b>As per EC decision</b>	30,000		30,000	
<b>K</b>	<b>Preparation of Exploration Proposal (5 Hard copies with a soft copy)</b>	<b>5 Hard copies with a soft copy</b>	<b>5.1</b>	<b>5,00,000</b>		<b>5,00,000</b>	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.
<b>L</b>	<b>Total Estimated Cost without GST</b>					<b>5,78,27,515</b>	
<b>M</b>	<b>Provision for GST (18% of J)</b>					1,04,08,953	GST will be reimburse as per actual and as per notified prescribed rate
<b>N</b>	<b>Total Estimated Cost with GST</b>					<b>6,82,36,468</b>	
<b>O</b>	<b>Rs. In lacs</b>					<b>682.36</b>	
<b>Note:</b>							
<b>1</b>	<b>Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.</b>						
<b>2</b>	<b>In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.</b>						
<b>3</b>	<b>If any part of the project is outsourced, the amount will be reimbursed as per Item no. 6 of NMET SoC. In case of execution of the project by NEA on its own, a Certificate regarding non outsourcing of any component/project is required.</b>						

S. W. 09.10.26

09/10/26

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

S. B. S.  
04.02.26

Dr. S. B. S.  
04.02.26

**Annexure 2B**

**Time Schedule/Action Plan for Preliminary exploration (G3) for Rare Earth Elements and associated mineralization in North of Kuship Block, Balotra District, Rajasthan**

S.no.	Activity	Months/Days	Month												
			1	2	3	4	5	6	7	8	9	10	11	12	
1	Camp setting	months													
2	Geological mapping and Sampling	days													
3	Topographic Survey	days													
4	Surface Drilling(3 rigs)	m													
5	Core logging and sampling														
6	Geophysicist party days (HQ) for data interpretation & Report	Days													
7	Geologist Man Days (Field)	Days													
8	Geologist Man Days (HQ)	Days													
9	Sampler Man days	Days													
10	Laboratory studies	Nos.													
11	Report Writing with Peer Review	months													
12	Camp Winding	months													

Review

*S. B.*  
09.02.26

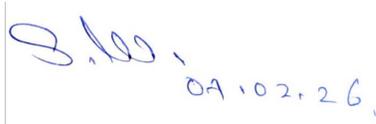
*Dr. S. B.*  
07/02/26

**Agenda 89.1.8. Preliminary exploration (G3) for rare earth elements and associated mineralization in Ramdev Ji ke Beri Block, Balotra District, Rajasthan  
[Implementing Agency: M/s. Ocean Drilling and Exploration Private Limited]**

- a. The project was recommended during 11<sup>th</sup> meeting of TCC-II. However, the recommendation of TCC-II was deferred during PSC-I meeting.
- b. Hence, re-costing of the project as per revised SoC 2025 for the approved work quantum has been done.

**Recommendations of TCC-1:**

***The committee recommended the proposal titled "Preliminary exploration for rare earth elements and associated mineralization in Ramdevji ki Beri Block, Balotra District, Rajasthan (UNFC Stage- G3)" for approval of PSC, NMEDT with an estimated cost of Rs. 531.43 lakh (including GST) within time schedule of 12 months for carrying out the proposed work and submission of report as per Annexure – 3A & 3B. The item will be reviewed after 6 months.***



Handwritten signature and date: 09.10.26



Handwritten signature and date: 09.10.26

## Annexure 3A

**Preliminary exploration for Rare Earth Elements and associated mineralization in Ramdevji ki Beri Block, Balotra District, Rajasthan (UNFC Stage- G3)  
Area: 1.64 sq.km, Scale 1:2,000, Drilling depth:120m,BH-22  
(Schedule timeline: 12 months Review: After 06 Months)**

S. No.	Item of Work *	Unit *	Rates as per NMEDT SoC 2025-26		Estimated Cost of the Proposal As per previous SoC	Total Amount (Rs) As per New SoC 2025-26	Remarks
			SoC Item No.	Rates as per SoC	Qty. (b)		
<b>A</b>							
	a. Geological mapping(DM)(1:2000 scale) with Contouring	Per Sq.km	1.1	18300	1.64	30012	
1	b. Charges for Geologist per day (Field) Geological mapping (1:2,000 scale),drilling work, core logging, sampling, supervision of drilling etc	day	1.2.1a.b	14,500	180	26,10,000	
	c. Labours Charges; Base rate	day	5.8	541	360	1,94,760	
3	a. Charges for Geologist per day (HQ)	day	1.2.1a.a	10,500	60	6,30,000	
4	a. Charges for one Sampler per day (1 Party)	one sampler per day	1.2.1b	7,850	118	9,26,300	
	b. Labours (4 Nos)	day	5.8	541	472	2,55,352	
	<b>Sub Total- A</b>					<b>46,46,424</b>	
<b>B</b>	<b>Survey work</b>						
1	DGPS Survey for BH fixation & RL determination along with the demarcation of block boundary	Per Point of observation	1.3.2	24,000	28	672000	

S. No. 04.02.26

07/02/26

2	a. Charges of Surveyor (1 party) for Detail mapping and contouring by total station (outsorce)	one surveyor per day	1.3.1	10,500	30	315000	
	b. Labour Charges for survey work (4 Nos)	day	5.8	541	120	64920	
<b>Sub-Total B</b>						<b>10,51,920</b>	
<b>C</b>	<b>DRILLING(In-House)</b>						
1	Drilling up to 300m (Hard Rock), NQ	m	2.2.1.1d	10,000	2650	2,65,00,000	Initially 5 BHs will be drilled one on each grid line. Subsequent drilling shall be planned after review.
2	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	30,000	27	8,10,000	As per actuals
3	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7	2000	22	44,000	
4	Borehole plugging by cement	BH	2.2.8	10,000	22	2,20,000	
5	Miscellaneous charges (Transportation of Drilling Rig, Accommodation for drill Camp, Camp setting and winding, construction of Approach road and drill core preservation). 1000 m of core preservation to be done	lumpsum	2.2.9(4)	For Drilling cost more than 2 crore:10% of the Drilling Cost with a maximum ceiling of INR 25 Lakh.		25,00,000	1000 m of core preservation to be done
<b>Sub Total C</b>						<b>3,00,74,000</b>	
<b>D</b>	<b>Borehole Geophysical Logging</b>						
1	Borehole Geophysical Logging (5 BH 350m each)	5BH 350m each	3.12	1088941	1	10,88,941	
<b>Sub Total D</b>						<b>10,88,941</b>	
<b>E</b>	<b>LABORATORY STUDIES</b>						
1	<b>Chemical Analysis</b>						
	<b>Primary samples</b>						
i)	a. Analysis of one rock sample (BRS/Channel/core sample) of a package for 34 elements by ICP-MS	Nos	4.1.16f	7,400	800	59,20,000	Initially sample length at 2m interval and the sample length will be

*S. S.*  
04.02.26

*07/02/26*

							reviewed after the results of the 1st phase of project.
	b. Check samples Internal (10%)	Nos	4.1.16f	7,400	80	5,92,000	
2	<b>Petro Chemical Samples</b>						
i)	Petrochemical samples (Whole rock analysis) major oxides by XRF	Nos	4.1.17a	4,200	30	1,26,000	
	b. Check samples Internal (10%)	Nos	4.1.17a	4,200	3	12,600	
ii)	Petrochemical samples for additional trace elements (Ba, Co, Cr, Cu, Ga, Nb, Pb, Rb, Sc, Sr, Th, V, Y, Zn, Zr, Ni) by XRF	Nos	4.1.17b	421	30	12,630	
	Check samples External(10%)	Nos	4.1.17b	421	3	1,263	
3	XRD analysis for identification of minerals (Random)	Nos	4.5.2	4,000	10	40,000	
4	<b>Physical &amp; Petrological Studies</b>						
i	Preparation of Polished thin section of rock	Nos	4.3.2	800	10	8,000	
iv)	Complete petrographic/ore microscopic study/mineralgraphic report of rock sample(along with 5 nos. digital photo micrographs)	per Sample	4.3.4	2800	10	28,000	
vi)	Sp. Gravity	Nos	4.8.1	2500	20	50,000	
vii)	EPMA	per hour	4.4.1	10,500	10	1,05,000	
	<b>Sub Total E</b>					<b>68,95,493</b>	
<b>H</b>	<b>Total A to E</b>					<b>4,37,56,778</b>	
<b>I</b>	<b>Geological Report Preparation</b>	<b>5 Hard copies with a soft copy</b>	5.2(iii)	7,50,000		7,50,000	As per SoC
<b>J</b>	<b>Peer review Charges</b>		As per EC decision	30,000		30,000	
<b>K</b>	<b>Preparation of Exploration Proposal (5 Hard copies with a soft copy)</b>	<b>5 Hard copies with a soft copy</b>	2% of the Cost or Rs. 5.0 Lakhs whichever is less	<b>5,00,000</b>		<b>5,00,000</b>	

S. No. 09.102.26

07/02/2026

<b>L</b>	<b>Total Estimated Cost without GST</b>	<b>4,50,36,778</b>	
<b>M</b>	<b>Provision for GST (18% of J)</b>	<b>81,06,620.04</b>	
<b>N</b>	<b>Total Estimated Cost with GST</b>	<b>5,31,43,398</b>	
		<b>531.43</b>	
<b>Note:</b>			
<b>1</b>	<b>Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.</b>		
<b>2</b>	<b>In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.</b>		
<b>3</b>	<b>If any part of the project is outsourced, the amount will be reimbursed as per Item no. 6 of NMET SoC. In case of execution of the project by NEA on its own, a Certificate regarding non outsourcing of any component/project is required.</b>		
<b>4</b>	<b>Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.</b>		
<b>5</b>	<b>Any item of work not mentioned above shall be added as per SoC.</b>		
<b>6</b>	<b>All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.</b>		

S. W. 09.10.26

09/10/26

**Annexure 3B**

**Time Schedule/Action Plan for Preliminary exploration for Rare Earth Elements and associated mineralization in Ramdev ji ki Beri Block, Balotra District ,Rajasthan**

S.no.	Activity	Months/Days	Month														
			1	2	3	4	5	6	7	8	9	10	11	12			
1	Camp setting	months								Review							
2	Geological mapping and Sampling	days															
3	Topographic Survey	days															
4	Surface Drilling(3 rigs)	m															
5	Core logging and sampling																
6	Geophysicist party days (HQ) for data interpretation & Report	Days															
7	Geologist Man Days (Field)	Days															
8	Geologist Man Days (HQ)	Days															
9	Sampler Man days	Days															
10	Laboratory studies	Nos.															
11	Report Writing with Peer Review	months															
12	Camp Winding	months															

*S. W. 09.10.26*

*09/10/26*

## Agenda 89.2: Project Evaluation for In-Principle Approval

### Agenda 89.2.1. Preliminary Survey (G-3) for Nickel, Chromium Copper and PGE in Dewal Kundula Block in Dungarpur District, Rajasthan.

[Implementing Agency: M/s. Envirogreen Consultants (India) Private Limited]

- The proposed block falls in Survey of India TS No. 46E/09 and exposes ultramafic rocks of Rikhabdev ultramafics.
- GSI has carried out G4 stage investigation "Reconnaissance survey for Ni and associated PGE mineralization in Dewal-Khanmin-Wagdari area of Rikhabdev ultramafic rocks, Udaipur and Dungarpur district, Rajasthan (G4)" during FS 2019-20.
- During mapping 12 large irregular bodies of serpentinite and its metamorphic derivatives product talc-chlorite-schist have been reported along with 06 nos. serpentinite bodies are found over the study area.
- The analytical results of BRS collected from serpentinite and its altered product TCS shows Ni, Cr, and Co content ranging from 462 to 2602 ppm, 754 ppm to 3798 ppm and 31 ppm to 127 ppm with a Mean value of Ni, Cr and Co is 1894 ppm, 2263 ppm and 86 ppm respectively.
- The highest value of Ni, Cr and Co is recorded in serpentinite in sample no. BRS-22 near east of Dewal village area, BRS-45 and BRS-37 near Bhimsor area respectively.
- The highest values of Cu observed in BRS-91 and BRS-197 in north of Dewal area are 9280 ppm and 16545 ppm respectively. These samples also show higher values of Ni, Cr and Co (933, 2366 and 111 ppm respectively)
- The agency apprised the committee regarding the systematic approach of Preliminary exploration to be followed with detailed geological mapping, systematic surface sampling and establishing the Inferred Mineral Resources of Ni, Cr, Cu & PGE minerals in accordance with UNFC classification (333).

Sl. No.	Agency	Brief Comments
1.	GSI	The proposed G-3 block delineated by NPEA partially overlaps with the GSI GM Block "Dewal-Khanmin-Wagdari Block," which has already been handed over to the State Government. Hence, the proposed block may need to be reconsidered.
2.	MECL	MECL had not carried out exploration in the given area
3.	AMD	NA
4.	State DMG/DGM/CGM	The proposed area is overlapping with proposed block of DGM for 2026-27 and also partly overlaps with the block given to M/s. Vardan Environet LLP Block.
5.	NMEDT	No overlap with ongoing or completed projects of NMEDT

#### Recommendations of TCC-1:

***The committee deferred the proposal and suggested the agency to bring the revised proposal in upcoming TCC-1 meeting after consultation with DGM-Rajasthan. Also the committee suggested DGM-Rajasthan to share the shape file of the area with allocated blocks to NMEDT Secretariat for the revision of proposal.***

*S. B. S.*  
09.10.2026

*Devi*  
07/10/2026

**Agenda 89.2.2. Preliminary Survey (G-3) for Nickel, Copper and Chromium in Dhelana Block of Udaipur District, Rajasthan.**

**[Implementing Agency: M/s. Envirogreen Consultants (India) Private Limited]**

- a. The proposed block falls in Survey of India TS No. 46E/09 and exposes ultramafic rocks of Rikhabdev ultramafics.
- b. GSI has carried out G4 stage investigation "Reconnaissance survey for Ni and associated PGE mineralization in Dewal-Khanmin-Wagdari area of Rikhabdev ultramafic rocks, Udaipur and Dungarpur district, Rajasthan (G4)" during FS 2019-20.
- c. During mapping 12 large irregular bodies of serpentinite and its metamorphic derivatives product talc-chlorite-schist have been reported along with 06 nos. serpentinite bodies are found over the study area.
- d. The analytical results of BRS collected from serpentinite and its altered product TCS shows Ni, Cr, and Co content ranging from 462 to 2602 ppm, 754 ppm to 3798 ppm and 31 ppm to 127 ppm with a Mean value of Ni, Cr and Co is 1894 ppm, 2263 ppm and 86 ppm respectively.
- e. The highest value of Ni, Cr and Co is recorded in serpentinite in sample no. BRS-22 near east of Dewal village area, BRS-45 and BRS-37 near Bhimsor area respectively.
- f. The highest values of Cu observed in BRS-91 and BRS-197 in north of Dewal area are 9280 ppm and 16545 ppm respectively. These samples also show higher values of Ni, Cr and Co (933, 2366 and 111 ppm respectively)
- g. The agency apprised the committee regarding the systematic approach of Preliminary exploration to be followed with detailed geological mapping, systematic surface sampling and establishing the Inferred Mineral Resources of Ni, Cr, Cu & PGE minerals in accordance with UNFC classification (333).

Sl. No.	Agency	Brief Comments
1.	GSI	Within the proposed G3 block by NPEA, GSI has carried out G4 stage investigations for Ni, Cr, Co and basemetals. The proposed NPEA block is not showing any overlapping with GSI for G3 stage investigation
2.	MECL	MECL had not carried out exploration in the given area
3.	AMD	NA
4.	State DMG/DGM/CGM	The proposed area is overlapping with proposed block of DGM for 2026-27
5.	NMEDT	No overlap with ongoing or completed projects of NMEDT

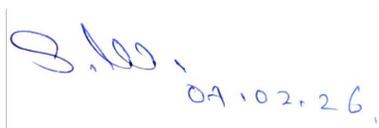
**Recommendations of TCC-1:**

***The committee deferred the proposal and suggested the agency to bring the revised proposal in upcoming TCC-1 meeting after consultation with DGM-Rajasthan.***

**Agenda 89.2.3. Preliminary Survey (G-3) for Nickel, Chromium, Copper, PGE & Wollastonite in Gamri Dewal Block of Dungarpur District, Rajasthan.**

**[Implementing Agency: M/s. Envirogreen Consultants (India) Private Limited]**

- a. The proposed block falls in Survey of India TS No. 46E/09 and exposes ultramafic rocks of Rikhabdev ultramafics.





- b. GSI has carried out G4 stage investigation “Reconnaissance survey for Ni and associated PGE mineralization in Dewal-Khanmin-Wagdari area of Rikhabdev ultramafic rocks, Udaipur and Dungarpur district, Rajasthan (G4)” during FS 2019-20.
- c. During mapping 12 large irregular bodies of serpentinite and its metamorphic derivatives product talc-chlorite-schist have been reported along with 06 nos. serpentinite bodies are found over the study area.
- d. The analytical results of BRS collected from serpentinite and its altered product TCS shows Ni, Cr, and Co content ranging from 462 to 2602 ppm, 754 ppm to 3798 ppm and 31 ppm to 127 ppm with a Mean value of Ni, Cr and Co is 1894 ppm, 2263 ppm and 86 ppm respectively.
- e. The highest value of Ni, Cr and Co is recorded in serpentinite in sample no. BRS-22 near east of Dewal village area, BRS-45 and BRS-37 near Bhimsor area respectively.
- f. The highest values of Cu observed in BRS-91 and BRS-197 in north of Dewal area are 9280 ppm and 16545 ppm respectively. These samples also show higher values of Ni, Cr and Co (933, 2366 and 111 ppm respectively)
- g. The agency apprised the committee regarding the systematic approach of Preliminary exploration to be followed with detailed geological mapping, systematic surface sampling and establishing the Inferred Mineral Resources of Ni, Cr, Cu & PGE minerals in accordance with UNFC classification under G-3 Stage (333).

Sl. No .	Agency	Brief Comments
1.	GSI	The proposed G-3 block delineated by NPEA partially overlaps with the <b>GSI GM Block</b> “Dewal–Khanmin–Wagdari Block,” which has already been handed over to the State Government. Hence, the proposed block may need to be reconsidered.
2.	MECL	MECL had not carried out exploration in the given area
3.	AMD	NA
4.	State DMG/DGM/CGM	The proposed area is overlapping with proposed block of DGM for 2026-27 and with auctionable Dewal–Khanmin–Wagdari Block of GSI
5.	NMEDT	No overlap with ongoing or completed projects of NMEDT

**Recommendations of TCC-1:**

***The committee deferred the proposal and suggested the agency to bring the revised proposal in upcoming TCC-1 meeting after consultation with DGM-Rajasthan.***

**Agenda 89.2.4. Reconnaissance Survey (G-4 stage) for Gold Mineralization in Kapista Block (112 sq km), District: Bankura, West Bengal, TS-73M/03.**

**[Implementing Agency: Gemcokati Exploration Pvt. Ltd.]**

- a. The proposed block falls within the Chotanagpur Gneissic Complex (CGC), in parts of Survey of India
- b. GSI has carried out regional geochemical mapping in the TS No 73M/03 during FS: 2010-12 as a part of NGCM and anomalous values of gold have been reported in the stream sediments (20.28 ppb), soil samples (4.13 ppb) falling in the proposed block area.

*S. B. S.*  
04.02.26

*Devi*  
07/02/26

- c. Reconnaissance survey (G-4) for gold and associated mineralization was carried out in and around Rajbandh and Rajapathar area, Bankura district, West Bengal (ERO-16641-2022).
- d. The pegmatitic veins along with the associated quartz veins may be the main source of mineralisation in the area. Specks of sulphide mineralisation is also found within the pegmatite and pegmatitic vein intruding the granite gneiss and quartzo feldspathic schist.
- e. Reconnaissance survey for gold and associated mineralization (G-4) was carried out in and around Durlabhpur and Gangajalghati area, Bankura district, West Bengal (ERO-16639-2022).
- f. The presence of gold associated with sulphide is confirmed through EPMA analysis. The geochemical analysis of gold and sulphide indicates that gold is mostly associated with iron - copper bearing fluid. The stream sediment analysis also indicates the enrichment of base metal mineralization found near to anorthosite or dolerite dykes.
- g. The agency apprised the committee regarding the systematic approach of G-4 stage exploration to be followed with large scale geological mapping, systematic surface sampling mainly targeting gold-bearing lithology for deciphering Gold & associated mineralization in this area.
- h. The committee deliberated the proposal and found that the northern and eastern part of the proposed block mainly comprises Gondwana Sequence and suggested the agency to change the block boundaries excluding Gondwana sequence.

Sl. No .	Agency	Brief Comments
1.	GSI	Partly (5%) overlap with GSI approved CMAP item of FS 2026-27 titled "Critical mineral assessment program for identification of potential zones of secondary enrichment of REE and other critical elements in laterite around Bhabanipur Saharjora block in the parts of Bankura District, West Bengal."
2.	MECL	No overlapping with MECL explored block and ongoing blocks
3.	AMD	NA
4.	State DMG/DGM/CGM	To the north of the proposed block, existing mining lease area of BCCL & CIL. CMPDI is also looking for Potential coal prospects in the northern part. The proposed block is having areas of Gondwana basins.
5.	NMEDT	No overlap with ongoing or completed projects of NMEDT

**Recommendations of TCC-1:**

*The committee deferred the proposal and apprised the agency to recheck the left over area after excluding the northern and eastern part. Also the committee suggested to collect some BRS samples, delineate the mineralized zone and submit the justified proposal.*

**Agenda 89.2.5. Reconnaissance Survey (G4 stage) for Gallium, Vanadium Bearing Titaniferous Bauxite in Sukhuma Block (86 sq.km), Jashpur District, Chhattisgarh.**

**[Implementing Agency: Gemcokati Exploration Pvt. Ltd.]**

*S. W.*  
09.10.2026

*09/10/2026*

- a. The proposed block falls in Survey of India TS No 64 M/12 and exposes bauxite and laterites capping developed from the basic volcanic (Deccan Traps basalt).
- b. GSI has carried geological mapping on a 1: 63,360 scale in the Pandrapat Plateau covering an area of 320 sq. km. during FS: 1971–1972.
- c. During the geological mapping, good-quality bauxite deposits were located in many parts of the plateau. The bauxite occurs within laterite caps developed over altered basalt. The main sources of Al<sub>2</sub>O<sub>3</sub> are gibbsite and boehmite ore minerals.
- d. Also Preliminary Exploration for Bauxite in Pandrapat Highland, Raigarh District, Madhya Pradesh was carried out by GSI during FS: 1992-94.
- e. Also Reconnaissance Survey for Bauxite Ore were carried out in Chundapat Block, Pandrapat Block during FS: 2019-20 and FS: 2019-2.
- f. G-2 stage exploration was carried out in Sardhapat Block, Chichili Block and Pakhritola North Block during FS: 2016-17, 2017-18, 2020-22 respectively.
- g. Adjacent to the proposed block, the GSI carried out a G3 stage exploration program during FSP 2016–2017 in the Ghardega–Kurkuria Block. GSI has reported bauxite and aluminous laterites containing critical minerals with values of Al<sub>2</sub>O<sub>3</sub>: 25.17% to 55.94%, SiO<sub>2</sub>: 0.92% to 11.26%, TiO<sub>2</sub>: 3.77% to 11.00%, Fe<sub>2</sub>O<sub>3</sub>: 3.92% to 61.93%, Vanadium (V): 550 ppm to 1586 ppm and Gallium (Ga): 13 ppm to 125 ppm.
- h. The agency apprised the committee regarding the systematic approach of Preliminary exploration to be followed with large scale geological mapping, systematic surface sampling and establishing the Inferred Mineral Resources of bauxite, Titanium, V and Ga in accordance with UNFC classification under G-4 Stage (334).
- i. The committee observed the proposal and found that the most of the area is already explored with small left over area in the western part mainly covered by the forest cover.
- j. The agency requested to check the western part of the area and collection of few samples for preparation of revised block.
- k. The committee allows for field visit but instructed to check for the forest cover area and forest clearance before preparation of revised proposal.

Sl. No.	Agency	Brief Comments
1.	GSI	More than 50% overlapping found in the proposed Block with GSI previous works of 1992-94.
2.	MECL	No overlapping with MECL explored block and ongoing blocks
3.	AMD	NA
4.	State DMG/DGM/CGM	No ongoing proposal for exploration. Several blocks in the Jashpur area are on hold for auction due to local agitation.
5.	NMEDT	No overlap with ongoing or completed projects of NMEDT. However, G4-GM is of Bauxite block is present in proposed AOI (500 m of proposed block).

#### Recommendations of TCC-1:

***The Committee deferred the proposal as most of the proposed block is already under exploration at various stages and advised the agency to reassess the remaining area for Forest Clearance feasibility before submitting a revised proposal.***

*S. B.*  
04.02.26

*Dr. S. B.*  
04.02.26

**Agenda 89.2.6. Reconnaissance Survey (G4 stage) for Vanadium, Titanium Bearing Aluminous Laterite in Mandwa Block (75 sq.km), Chandrapur District, Maharashtra.**

**[Implementing Agency: Gemcokati Exploration Pvt. Ltd.]**

- a. The proposed block falls in Survey of India TS No 56M/02 and 55 P/03.
- b. The proposed area limestone and shale belonging to Penganga Group, which are overlain by Deccan Volcanic basalt flows. Laterite capping over basalt is also reported from the area.
- c. GSI-CR has carried geological mapping on a 1: 63,360 scale during FS:1964-65.
- d. During the geological mapping, three chip samples collected from the laterite has analysed Al<sub>2</sub>O<sub>3</sub> ranging from 25.52% to 57.12%, while TiO<sub>2</sub> ranged from 3.34% to 7.09%.
- e. Adjacent to the proposed block, the GSI have carried out Reconnaissance survey (FS: 2024-25) for aluminous laterite and associated mineralisation in and around Sengaoon - Nagarla area, Chandrapur district, Maharashtra
- f. The agency apprised the committee to carry out geological mapping (1:12,500 scale), systematic BRS sampling of bed rocks from the potential vanadium bearing titaniferous aluminous laterite and bauxite bearing mineralization zones and assessment of inferred resource in the G4 category (334)
- g. The geologists from the agency had visited the area on 19th October 2025. Few grab samples were collected from the block areas for chemical analysis, and have analyzed to be 2.20% to 3.54% TiO<sub>2</sub>, 0.05% (500 ppm) to 0.19% (1900 ppm) V<sub>2</sub>O<sub>5</sub>, 16.27ppm to 49.75ppm Scandium and 23.69ppm to 49.12mm Gallium within laterite cover over Deccan Trap.
- h. From 4 samples, three samples have Al<sub>2</sub>O<sub>3</sub> content from 20.49% to 25.37% which indicates aluminous laterite category as per threshold value classification of Indian Bureau of Mines (2009).
- i. The committee reviewed the proposal and found that the values are not encouraging. The committee reviewed the proposal and found that the values are not much encouraging but can be reviewed after seeing the results of GSI's project in adjacent block.

Sl. No.	Agency	Brief Comments
1.	GSI	No ongoing exploration/ reconnaissance projects related to GSI, SU: MH, Nagpur, involving V-Ti mineralization or any other associated mineral/commodity in the proposed block.
2.	MECL	No overlapping with MECL explored block and ongoing blocks
3.	AMD	NA
4.	State DMG/DGM/CGM	No ongoing proposal for exploration.
	NMEDT	No overlap with ongoing or completed projects of NMEDT

*S. W.*  
09.10.26

*Sanjay*  
09/10/26

**Recommendations of TCC-1:**

*The Committee deferred the proposal and advised the agency to consult DDG, SU Maharashtra regarding results from the adjacent block and submit a revised proposal in the forthcoming TCC-I meeting.*

**Agenda 89.2.7. Preliminary Exploration (G3) of REE in Mahara-Shitalpur Block, District: Purulia, West Bengal.**

**[Implementing Agency: M/s. MMPL Private Limited]**

- a. The proposed area falls in SOI Toposheet no. 73I/07 and covers an area of 9.70 sq. km.
- b. Geologically the study area comprises of Chhotanagpur Gneiss Complex (CGC).
- c. In and around the proposed block area, biotite-hornblende gneiss/migmatite is exposed which forms the basement along with supra-crustal enclaves of khondalite. Granitoids are intrusive into the country rock and are thus younger than the gneiss migmatite and supra-crustals. Amongst the two granitoids, Tilabani granitoid (TG) is deformed, foliated, gneissose and metamorphosed as compared to Manbhumi Granitoid (MG).
- d. The Porphyroclastic Granite Gneiss of the area has 5 samples that have yielded tREE values over 1000 ppm with maximum value of 2597.55 ppm.
- e. The Granite Gneiss & Younger Granites in the proposed area have higher values of REE. So further mapping and oriented geochemical sampling can be done to explore this area to establish its future potential.
- f. The committee reviewed the proposal and opined that potential zones may be demarcated before proposing G3 exploration.
- g. The committee suggested that the agency may come again for review after the analytical results of samples, that they have collected, is received.
- h. The agency was also suggested to prepare conceptual model for exploration along with the data.
- i. The proposal is deferred.

Sl. No.	Agency	Brief Comments
1.	GSI	The proposed block is showing 100% overlap with GSI FS 2023-24, G3 block for REE & RM.
2.	MECL	No overlapping with MECL explored block and ongoing blocks
3.	AMD	The proposed block does not overlap with the already explored block of AMD.
4.	State DMG/DGM/CGM	No existing ML/CL in the proposed area.
5.	NMEDT	No overlap with ongoing or completed projects of NMEDT

**Recommendations of TCC-1:**

*The committee deferred the proposal and suggested the agency to bring the proposal again for in-principle approval, after the awaited analytical results are received.*

**Agenda 89.2.8. Preliminary Exploration (G3) of REE and associated minerals in Kutni Block, District: Purulia, West Bengal**

*S. B. S.*  
09.02.26

*S. B. S.*  
09.02.26

**[Implementing Agency: M/s. MMPL Private Limited]**

- a. The proposed area falls in SOI Toposheet no. 73J/09 and covers an area of 0.88 sq. km.
- b. Geologically the study area comprises of Singhbhum Group (SG) & Chhotanagpur Gneissic Complex (CGC). Carbonatite rocks are exposed in & around Kutni village.
- c. As the block is very near to the SPSZ, different lithological units are trending parallel to the regional shear zone.
- d. The carbonatite of Kutni area is brecciated and traversed by mafic veins and quartz veins.
- e. The carbonatite bodies found in Kutni village are discrete outcrops which are highly altered and silicified, ferruginised at places, massive, coarse grained, melanocratic, with high sp. gravity and show little effervescence to dilute HCL
- f. The committee reviewed the proposal and opined that the area (0.88 sq. km.) is too small to carry out G3 level exploration.
- g. The committee suggested the agency to increase the area and include the carbonatite bands present outside the presently proposed area.

Sl. No.	Agency	Brief Comments
1.	GSI	The proposed block is showing 100% overlap with GSI FS 2023-24, G3 block for REE & RM.
2.	MECL	No overlapping with MECL explored block and ongoing blocks
3.	AMD	The proposed block partially overlaps with the already explored block of AMD for Uranium, REE & RM.
4.	State DMG/DGM/CGM	Reconnaissance survey for apatite deposit (not for REE and associated minerals) had been carried out by DMM in 2015-2016.
	NMEDT	No overlap with ongoing or completed projects of NMEDT

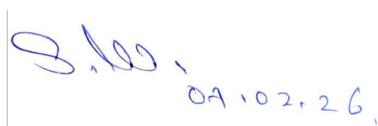
**Recommendations of TCC-1:**

***The committee deferred the proposal and suggested the agency to increase the area and include carbonatite bands lying outside the proposed area. The agency may bring it in forthcoming TCC meeting for in-principle approval.***

**Agenda 89.2.9. Preliminary Exploration (G3) of REE, Au and associated minerals in Dandudih Block, District: East Singhbhum, Jharkhand**

**[Implementing Agency: M/s. MMPL Private Limited]**

- a. The proposed area falls in SOI Toposheet no. 73J/09 and covers an area of 1.00 sq. km.
- b. Geologically the study area comprises of Singhbhum Group (SG) & Chhotanagpur Gneiss Complex (CGC) and metavolcanic sequence of Dalma Group of rocks.
- c. BRS samples from the area have yielded Au values upto 0.16 ppm with an average of 0.09 ppm. REE values also ranged from 2703.40 to 6306.35 ppm. The value of Niobium varied from 785 – 3283 ppm.
- d. The committee reviewed the proposal and observed that the entire area is soil covered.
- e. The committee opined that the area is potential, but lot of subsurface information is required.





- f. The committee suggested the agency to incorporate all the data and delineate potential zones.
- g. The agency should collate and integrate NGPM, NGCM and Geological data and propose a larger area.

Sl. No.	Agency	Brief Comments
1.	GSI	The proposed block is not overlapping with the ongoing block of GSI.
2.	MECL	No overlapping with MECL explored block and ongoing blocks
3.	AMD	The proposed block partially overlaps with the already explored block of AMD for Uranium, REE & RM.
4.	State DMG/DGM/CGM	Comments awaited.
5.	NMEDT	No overlap with ongoing or completed projects of NMEDT

**Recommendations of TCC-1:**

*The committee deferred the proposal and suggested the agency to delineate larger potential zones on the basis of integration of available geological data. The agency may bring proposal again for in-principle approval.*

**Agenda 89.3: Review of Ongoing Projects/ Completed Project & Timeline Extension**

**Agenda 89.3.1. Preliminary exploration (G-3 stage) for limestone in Mukteswarapuram Block, Suryapet District, Telangana  
[Implementing Agency: MECL]**

- a. MECL informed that the project was approved by Chairman, EC on 25.06.2025 and ratified in the 43<sup>rd</sup> EC Meeting held on 14<sup>th</sup> August, 2025. The Sanction Order was issued on 2<sup>nd</sup> July, 2025 with timeline of 7 months (up to 01.02.2026) and approved cost was INR 92,94,204/-.
- b. The agency informed that the work has been completed and GR is ready for submission. The report will be submitted for peer review as soon as the peer reviewer is nominated.
- c. The agency sought timeline extension for final submission of GR.
- d. The committee agreed for extension of timeline upto 28.02.2026 and suggested the agency to come for review once the report is peer reviewed and the comments of reviewer is attended.

**Recommendations of TCC-1:**

*The committee recommended timeline extension upto 28.02.2026 for approval of PSC, NMEDT. The timeline extension is recommended for GR submission.*

**Agenda 89.3.2. Preliminary exploration (G-3 stage) for limestone in Pedaveedu East Block, Suryapet District, Telangana  
[Implementing Agency: MECL]**

- a. MECL informed that the project was approved by Chairman, EC on 25.06.2025 and ratified in the 43<sup>rd</sup> EC Meeting held on 14<sup>th</sup> August, 2025. The Sanction Order was issued

*S. B. S.*  
01.02.26

*Praveen*  
07/02/26

on 2<sup>nd</sup> July, 2025 with timeline of 7 months (up to 01.02.2026) and approved cost was INR 86,46,360/-.

- b. The agency informed that the work has been completed and GR is ready for submission. The report will be submitted for peer review as soon as the peer reviewer is nominated.
- c. The agency sought timeline extension for final submission of GR.
- d. The committee agreed for extension of timeline upto 28.02.2026 and suggested the agency to come for review once the report is peer reviewed and the comments of reviewer is attended.

**Recommendations of TCC-1:**

***The committee recommended timeline extension upto 28.02.2026 for approval of PSC, NMEDT. The timeline extension is recommended for GR submission***

**Agenda 89.3.3. Preliminary exploration (G-3 stage) for limestone in Pedaveedu West Block, Suryapet District, Telangana  
[Implementing Agency: MECL]**

- a. MECL informed that the project was approved by Chairman, EC on 25.06.2025 and ratified in the 43<sup>rd</sup> EC Meeting held on 14<sup>th</sup> August, 2025. The Sanction Order was issued on 2<sup>nd</sup> July, 2025 with timeline of 7 months (up to 01.02.2026) and approved cost was INR 88,95,875/-.
- b. The agency informed that all the assigned quantum of work, except drilling and associated analysis, has been completed.
- c. The agency informed the committee that all the recommended boreholes were falling in Forest and Agriculture land. Drilling work commenced on 04-12-2025 for BH falling in Non forest area and 80 m out of assigned target of 350 m is completed. FC has been received on 23-01-2026 and remaining drilling is under progress.
- d. The agency sought timeline extension for completion of work.
- e. The committee agreed for extension of timeline upto 30.04.2026.

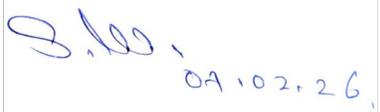
**Recommendations of TCC-1:**

***The committee recommended timeline extension upto 30.04.2026 for approval of PSC, NMEDT. The timeline extension is recommended for completion of work and GR submission***

**Agenda 89.3.4. Preliminary Exploration (G3) for Limestone in Dhunki-Chilai Block District: Yavatmal, Maharashtra  
[Implementing Agency: MECL]**

- a. MECL informed that the project was during 40<sup>th</sup> EC Meeting held on 21<sup>st</sup> February, 2025. The Sanction Order was issued on 5<sup>th</sup> March, 2025 with timeline of 8 months (up to 04.11.2025) and approved cost was INR 97,95,299/-. Timeline extension upto 31.01.2026 was approved during 82<sup>nd</sup> TCC-1 meeting.
- b. The agency informed that the work has been completed and GR is ready for submission. The report will be submitted for peer review as soon as the peer reviewer is nominated.
- c. The agency sought timeline extension for final submission of GR.
- d. The committee agreed for extension of timeline upto 28.02.2026 and suggested the agency to come for review once the report is peer reviewed and the comments of reviewer is attended.

**Recommendations of TCC-1:**

  
01.02.26

  
07/02/2026

***The committee recommended timeline extension upto 28.02.2026 for approval of PSC, NMEDT. The timeline extension is recommended for GR submission***

**Agenda 89.3.5. Preliminary Exploration (G-3 Stage) for aluminous laterite and associated critical minerals in Govindagude & Sudigudde block, Udupi District, Karnataka.**

**[Implementing Agency: M/s. Critical Mineral Trackers]**

- a. The agency informed that the project was during 39<sup>th</sup> EC Meeting held on 24<sup>th</sup> January, 2025. The Sanction Order was issued on 10<sup>th</sup> February, 2025 with timeline of 6 months (up to 09.08.2025) and approved cost was INR 44,24,191/-. Timeline extension upto 31.10.2025 and 31.01.2026 was approved during 79<sup>th</sup> TCC-1 and 3<sup>rd</sup> PSC meetings respectively.
- b. The agency informed the committee that forest clearance has not been received and hence pitting and drilling components of quantum of targets are still pending.
- c. The agency sought extension of timeline for completion of work.
- d. The committee discussed the project and instructed the agency to submit all the correspondences made with authorities for getting forest clearance to NMEDT.
- e. The agency was also instructed to update the agency about progress in forest clearance status in the month of March, 2026.
- f. The committee agreed for timeline extension upto 31.03.2026.

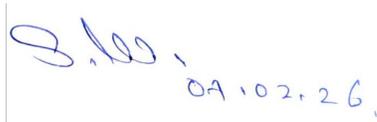
**Recommendations of TCC-1:**

***The committee recommended timeline extension upto 31.03.2026 for approval of PSC, NMEDT. The timeline extension is recommended for completion of work.***

**Agenda 89.3.6. Preliminary Exploration Survey (G-3) for Iron Ore in Gidhali–Chikalkasa Block, Balod District, Chhattisgarh.**

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

- a. The agency informed that the project was during 43<sup>rd</sup> EC Meeting held on 14<sup>th</sup> August, 2025. The Sanction Order was issued on 4<sup>th</sup> September, 2025 with timeline of 12 months (up to 03.09.2026) and approved cost was INR 1,96,09,403/-.
- b. The agency presented the progress of work.
- c. The committee observed that the topographic survey is done by Drone Survey. The committee enquired if the agency was approved Drone survey at the time of project sanction.
- d. The agency informed that Drone survey was not approved by committee. The committee opined that prior approval for Drone Survey should have been sought from committee.
- e. The agency apprised the committee that from the analytical results received till now, the value for Fe<sub>2</sub>O<sub>3</sub> ranges from 35 to 67.96%.
- f. The committee reviewed the progress of work and opined that the representation of data should be better on map. The committee also instructed the agency to plot the data on map and get it reviewed in next TCC-1 meeting.
- g. Joint Director, DGM Chhattisgarh, also showed displeasure on quality of Monthly Progress Report (MPR) submitted by the agency. He also emphasized on submission of map alongwith MPR.

  
09.02.26

  
09/02/26

- h. Upon reviewing the progress, the committee opined that trenching to be proposed in soil covered areas and approval from committee may be taken. Trenching would help in delineating extension of iron body in NE and SE part of the area.
- i. The committee further instructed that trenching should be completed before initiation of drilling.
- j. The committee suggested the agency to plot the data on maps, present analytical data for samples, complete trenching. The committee will then review BH plans.

**Recommendations of TCC-1:**

***The committee suggested addition of trenching component in the approved quantum for the soil covered areas to delineate extension of iron ore body in NE & SE part of the area.***

**Agenda 89.3.7. Preliminary Exploration (G-3) for Bauxite, Vanadium, Gallium and associated minerals around Pendhri village, (Pendhri Block), Sindhudurg District, Maharashtra.**

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

- a. The agency informed that the project was during 43<sup>rd</sup> EC Meeting held on 14<sup>th</sup> August, 2025. The Sanction Order was issued on 4<sup>th</sup> September, 2025 with timeline of 12 months (up to 03.09.2026) and approved cost was INR 2,26,33,992/-.
- b. The agency informed the committee that only bench mark for DGPS survey could be fixed till date and achievement against the assigned quantum is nil.
- c. The agency informed that work has been stopped since 28.11.2025 due to strong local agitation.
- d. Many meetings with local villagers and authorities has been carried out to sort issue. However, Tahsildar, Devgadhi communicated DMO Sindhudurg and Geo Marine Solutions Pvt. Ltd. vide letter dated 08.01.2026, to stop all exploration activities with immediate effect.
- e. The agency requested pre-closure of project.
- f. The agency discussed the issue and instructed the agency to submit all the communications made related to solving the issue to NMEDT secretariat.
- g. The decision on pre closure would be taken after observing all the communications made in this regard.

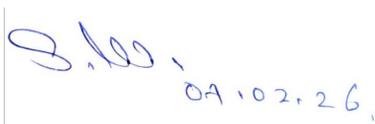
**Recommendations of TCC-1:**

***The committee reserved its decision on pre-closure and suggested the agency to submit all communications made in this regard to NMEDT.***

**Agenda 89.3.8. Preliminary Exploration (G3) for Bauxite, Vanadium, Gallium and associated minerals around Patgaon and Somlewadi villages (Patgaon Block), Sindhudurg district, Maharashtra.**

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

- a. The agency informed that the project was during 43<sup>rd</sup> EC Meeting held on 14<sup>th</sup> August, 2025. The Sanction Order was issued on 4<sup>th</sup> September, 2025 with timeline of 12 months (up to 03.09.2026) and approved cost was INR 2,28,15,398/-.

  
09.10.2026

  
07/10/2026

- b. The agency informed the committee that 3.08 sq. km of topographical survey and DM on 1:400 could be done against the assigned quantum of 7 sq.km. 60 BRS samples has also been collected for analysis.
- c. The agency informed that work has been stopped since 28.11.2025 due to strong local agitation.
- d. Many meetings with local villagers and authorities has been carried out to sort issue. However, Tahsildar, Devgadh communicated DMO Sindhudurg and Geo Marine Solutions Pvt. Ltd. vide letter dated 08.01.2026, to stop all exploration activities with immediate effect.
- e. The agency requested pre-closure of project.
- f. The agency discussed the issue and instructed the agency to submit all the communications made related to solving the issue to NMEDT secretariat.
- g. The decision on pre closure would be taken after observing all the communications made in this regard.

**Recommendations of TCC-1:**

***The committee reserved its decision on pre-closure and suggested the agency to submit all communications made in this regard to NMEDT.***

**Agenda 89.3.9 Preliminary Exploration (G3 Stage) for Gold in Chinnikatti Block (Area- 7 sq.km.) in Haveri District, Karnataka**

**[Implementing Agency: MTCS]**

- a. The agency informed that the project was approved during 39<sup>th</sup> EC Meeting held on 24<sup>th</sup> January, 2025. The Sanction Order was issued on 10<sup>th</sup> February, 2025 with timeline of 12 months (up to 09.02.2026) and approved cost was INR 4,69,08,089/-.
- b. The agency apprised the committee that permission for working in forest was received in September 2025. The delay in the work is mainly attributed to delay in forest permission (about 8 months).
- c. The agency has achieved 100% target in Geological Mapping and magnetic survey. Also, 50.75 L. km., out of assigned target of 70 L. Km is achieved in S.P. Survey. 66% of surface samples have also been collected for chemical analysis.
- d. The analytical values of 200 BRS samples have yielded gold value upto 5.471 and upto 4 ppm of silver.
- e. The agency also apprised that the integrated magnetic datasets provides weak to moderately magnetic, NW–SE trending features, controlled primarily by regional structural fabrics.
- f. The committee reviewed the progress of work and opined that the values of Gold and Silver are encouraging.
- g. The agency also informed that approval for drilling in forest area is pending and hence, extension of timeline is sought.
- h. The committee agreed for extension of timeline.

**Recommendations of TCC-1:**

***The committee recommended timeline extension upto 09.08.2026 for approval of PSC, NMEDT. The timeline extension is recommended for obtaining forest clearance and completion of project.***

*S. B. S.*  
09.02.26

*Sanjay*  
07/02/26

**List of participants who attended the 89<sup>h</sup> Meeting of Technical-cum-cost Committee (TCC-I) of NMEDT held on 30<sup>th</sup> and 31<sup>st</sup> January, 2026 through video conferencing mode**

S.no	Name	Designation	Email ID	Contact No	Organization
1	Dr. S. Ravi	Dy. Director General, GSITI, Hyderabad	s.ravi1@gsi.gov.in	9441138834	Chairman, TCC-1
2	Shri. I.R. Kirmani	ADG (Retd.), GSI	irkirmani@yahoo.com	9414014723	Member TCC-1
3	Shri. M. Mohan	Dy. Director General (Retd.), GSI	mariappan.mohan@gmail.com	9423686547	Member TCC-1
4	Shri. K. Koteswara Rao	Dy. Director General (Retd.), GSI	kkrao1957@gmail.com	9000117969	Member TCC-1
5	Dr. S. K. Kulshrestha	DDG-RMH-III, NER, GSI, Shillong	s.kulshrestha@gsi.gov.in	9413330658	Member TCC-1
6	Shri A. R. Mukundhan	Regional Director, AMD, South Central Region	mukuagaram@rediffmail.com	6303606347	Member TCC-1
7	Dr. E.V.S.S.K. Babu	Scientist (G), NGRI	evsskbabu@ngri.res.in	9441535852	Member TCC-1
8	Shri. P.K. Maharana	DGM (Finance), NALCO, Bhubaneswar	pmaharana@rediffmail.com	8500669500	Member TCC-1
9	Shri. Ravi Kumar Gupta	General Manager (Finance) HCL, Kolkata	ravi_g@hindustancopper.com	9433274328	Member TCC-1
10	Smt. Vandana	Cost Accounts Officer, RSAS, Bangalore, GSI	vandana@gsi.in	8660939235	Member TCC-1
11	Shri S Dhanendran	Director, GSITI & Member Secretary, TCC-I	s.dhanendran@gsi.gov.in	9944882204	Member Secretary TCC-1
12	Balkrishan Vishwakarma	Manager (Geology)	geology@maheshwaree.com, balkrishan.v@maheshwaree.com	9651143638	MMPL Pvt Ltd
13	Moulipriya Bhakta	Dy Manager (Geology)	moulipriya.bhakta@maheshwaree.com	7890631970	MMPL Pvt Ltd
14	Sudev Mahto	Geologist	sudev.mahato@maheshwaree.in	8617655928	MMPL Pvt Ltd
15	Arif khan	Director	oceandrillingaea@gmail.com	7023511786	Ocean Drilling & Exploration Pvt.Ltd.
16	T.Baburavindra Kumar	PC/Head of Exploration	oceandrillingaea@gmail.com		Ocean Drilling & Exploration Pvt.Ltd.
17	Sundar Moorthy	TAE/Lead Geologist	oceandrillingaea@gmail.com		Ocean Drilling & Exploration Pvt.Ltd.

S. Ravi  
09.02.26

S. Ravi  
09.02.26

18	Sarita Negi	Geologist	oceandrillingaea@gmail.com		Ocean Drilling & Exploration Pvt.Ltd.
19	Tanishque Singh	Geologist	oceandrillingaea@gmail.com		Ocean Drilling & Exploration Pvt.Ltd.
20	Himanshu Chand	Geologist	oceandrillingaea@gmail.com		Ocean Drilling & Exploration Pvt.Ltd.
21	A.C. Dinesh	Chief Technology Officer	oed@geomarinesolutions.in	9038534560	Geo Marine Solutions Pvt. Ltd.
22	Guruprasad S.	Sr. Geologist	gurups@geomarinesolutions.in	9745526250	Geo Marine Solutions Pvt. Ltd.
23	Abhilash Divatagi	Geologist	mail@geomarinesolutions.in	9731131469	Geo Marine Solutions Pvt. Ltd.
24	Subrata Sarkar	V. P. (Projects & Planning)	subrata.sarkar@gemcokati.com	7044208900	Gemcokati Exploration Private limited
25	Dr. Vinay Sahay	Senior Manager (Geology)	vinay.sahay@geologist.com	9730514284	Gemcokati Exploration Private limited
26	Kaustav Bhattacharjee	Geologist	kaustavbhattacharjee18@gmail.com	8637848584	Gemco kati Exploration Pvt Ltd, Chandrapur
27	Subhajit Chakraborty	Geologist	csubhajit101@gmail.com	7278706372	Gemco kati Exploration Pvt Ltd, Chandrapur
28	Devika Nagpure	Jr. Geologist	devikanagpure2018@gmail.com	8408986492	Gemco kati Exploration Pvt Ltd, Chandrapur
29	Suraj Vidhate	Geologist	vidhatesuraj2018@gmail.com	9921839321	Gemcokati Exploration Private limited
30	Muskan Bamnere	Jr. Geologist	bamneremusgangkpl@gmail.com	9356002371	Gemcokati Exploration Private limited
31	M.Chandradas	Project Coordinator	chandradasm@yahoo.com	9422145035	PRB Infraprojects Private Limited
32	Prembabu	TAE (Geo)	prembabu_singh@yahoo.com	9422477401	PRB Infraprojects Private Limited
33	Milind Dhakate	Project Coordinator	milindhakate@gmail.com	7085622980	PRB Infraprojects Private Limited
34	Shubham Nimbalkar	Geologist	shubhamnimbalkar238@gmail.com	9579211021	Bhushilp Minersal & Mines Pvt Pld

S. B. 09.10.2026

Pravir 07/10/2026

35	Dr. Neeraj Shrivastava	Project Coordinator	info@egcipl.com	9352239829	Envirogreen Consultants (India) Pvt. Ltd.
36	Dr. Shiv Kumar Lakhara	TAE-RSG	info@egcipl.com	9352239829	Envirogreen Consultants (India) Pvt. Ltd.
37	Deepika Patra	TM-GEO	info@egcipl.com	9352239829	Envirogreen Consultants (India) Pvt. Ltd.
38	Ankush Saxena	Senior Manager (Mining)	dgm-min@fagmil.nic.in / fagmilrp@gmail.com	9413221576	FCI Aravali Gypsum and Minerals India Limited
39	Dr. Nafisa Begum	Geologist	dgm-min@fagmil.nic.in / fagmilrp@gmail.com	9832913717	FCI Aravali Gypsum and Minerals India Limited
40	Ravi Chouhan	Asst. Geologist	dgm-min@fagmil.nic.in / fagmilrp@gmail.com		FCI Aravali Gypsum and Minerals India Limited
41	Santosh Kr. Sadangi	Sr. Project Consultant (Mineral Resource & Exploration)	santoshkumar.sadangi@mtcspl.com	7486025037	M/s Mining Tech Consultancy Services Limited (MTCS)
42	Suman Aich	Sr. Project Consultant (Mineral Resource & Exploration)	suman.aich@mtcspl.com	7227038405	M/s Mining Tech Consultancy Services Limited (MTCS)
43	Ritwik Ganguly	Staff-Consultant (Mineral Resource & Exploration)	ritwik.ganguly1@mtcspl.com	7908626708	M/s Mining Tech Consultancy Services Limited (MTCS)
44	S.Rama Murthy	Technical Area Expert	criticalmineraltrackers@gmail.com	9490685131	Critical Mineral Trackers
45	K.Nageswara Rao	Technical Area Expert	criticalmineraltrackers@gmail.com	7893847742	Critical Mineral Trackers
46	Representatives from DMG, Rajasthan				
47	Representatives from DMG, West Bengal				
48	Representatives from DGM, Chhattisgarh				
49	Representatives from Mineral Exploration & Consultancy Ltd. (MECL)				
50	Ms. Bishakha	Sr. Geologist	nmet-mines@gov.in	8126541605	NMEDT
51	Smt. Palak Kapoor	Sr. Geologist	nmet-mines@gov.in		NMEDT

*S. B. S.*  
09.02.26

*Ravi*  
09/02/26