

**Ministry of Mines**  
**National Mineral Exploration Trust**  
**Minutes of the 77<sup>th</sup> Technical-cum-Cost Committee-1 (TCC-1) meeting held on**  
**26<sup>th</sup> and 27<sup>th</sup> May, 2025 through video conferencing**

---

The 77<sup>th</sup> meeting of the Technical-cum-Cost Committee-I (TCC-1) of the National Mineral Exploration Trust (NMET) 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, NMET, 26<sup>th</sup> and 27<sup>th</sup> May, 2025.

Members of TCC-1 of NMET and representatives from DGM, Maharashtra; DMG, Karnataka; DGM, Kerala; DGM, Chhattisgarh; MECL, KIOCL, Maheshwari Mining Pvt. Ltd., Ecomen Mining Pvt. Ltd., Geo Marine Solutions Pvt. Ltd., Bhushilp Mines and Minerals Pvt. Ltd., Gemcokati Exploration Pvt. Ltd. and Earthenviro Lab Pvt. Ltd., have attended the meeting through their respective VC modes.

The list of participants is enclosed in Annexure-1.

Shri C. Parthasarathi, Director, GSI and Member Secretary, TCC-1, NMET, welcomed Dr. S. Ravi, DDG, GSI and Chairman, TCC-1, NMET, 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, NMET, 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. While welcoming the participants, the Chairman expressed concern over the declining number of proposals submitted by agencies. He urged all agencies to consult available literature, coordinate with the State DGMs, conduct prior field visits, and formulate more proposals. He also assured that NMET officials would provide assistance in proposal preparation whenever required.

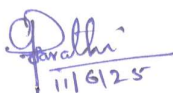
The Chairman also informed the committee about the decisions arrived through the the meeting with the Chairmen of TCCs of NMET under Chairmanship of Joint Secretary, Sh. Vivek Kumar Bajpai held on 07.05.2025. It has been discussed that the TCC meeting will be delinked and to be conducted in two phases. The first phase will focus on in depth reviewing of ongoing projects, while the second phase will cover the new proposals, including procurement-related proposals and that seeking in-principle approval for submitting DPR.

**Agenda 77.1: Technical evaluation of new project proposals**

**Agenda 77.1.1. Reconnaissance Survey (G4) for Base Metals and REE in Jinnavaram Block, Rangareddy District, Telangana.**

**[Implementing Agency: MECL]**

- a) The proposed area forms a part of peninsular Gneissic Complex and falls in part of SOI toposheet no. 56H/13.
- b) The area is mostly soil-covered over the Archean Peninsular Gneissic Complex, with exposures of various granites. Quartz, pegmatite, and epidote veins cut through these along fractures and foliations. Dolerite dykes, the youngest igneous phase, intrude all lithounits.
- c) The area has been already explored by GSI for kimberlite.
- d) The item is mainly based on NGCM data of GSI but MECL has not identified any potential zones and has not carried out any analysis of their own. Stream Sediment data for toposheet no. 56 H/13 shows that out of 30 no. of samples, 8 no. of samples have anomalous Cu values

  
11/6/25

  
11/06/2025

- i. e. >600 ppm, with values ranging from 10 ppm to 1400 ppm over the Peninsular Gneissic Complex II rocks. Similarly, the maximum total REE value is 487.2 ppm (out of 30 nos., 7 samples have values >400ppm).
- e) Gravity and magnetic anomaly maps show that north eastern part of the proposed block has moderate magnetic and high gravity values, which implies for possible base metal mineralization.
- f) The committee suggested to correlate geophysical anomaly with the structural features exposed in the area.
- g) After detailed discussions the committee suggested MECL for field visit to the proposed area and use the airborne data.

**Recommendations of TCC-1:**

***The committee recommended MECL to conduct field visit to the proposed area, collect samples, and utilize available airborne data of the area for proper substantiation and resubmit again thereafter.***

**Agenda.77.1.2. Preliminary Exploration (G3) for Limestone in Dongargaon- Ruikot Block (4.34 sq. km), Yavatmal District, Maharashtra.**

**[Implementing Agency: MECL]**

- a) The proposed area forms a part of Penganga Beds or Penganga Series and falls in part of SOI toposheet no. 56I/13. This is a 10(A) 2(B) case and has been given to MECL for further exploration.
- b) The block lies in the south of the block area where M/s Taj Lime Industries (30.70 Ha area) and Shri Prabin Wamanrao Kasawar (41.00 Ha area) have conducted prospecting and reported limestone in the area, with CaO values ranging from 31.18% to 57.07% in trial pit samples.
- c) MECL conducted a field visit in and around the Dongargaon area and collected 2 samples within the proposed block area. The analytical values of CaO ranges from 36.84% to 38.09%, MgO from 13.00% to 13.13%, and SiO<sub>2</sub> from 2.46% to 3.94% in those samples.
- d) The item was proposed in 76th TCC but due to unavailability of DMG's comment, the committee could not review the item. During 77<sup>th</sup> TCC-1 meeting DMG, Maharashtra informed the committee that the proposed area is available for mapping.
- e) The committee found that CaO values of the bedrock samples from the block shown by MECL is not encouraging. Upon learning that MECL is currently carrying out exploration in four adjoining blocks, the committee advised MECL to present the outcomes of those works in and around the proposed area. In response, MECL informed that works in those blocks are in progress and could not be expedited due to standing crops and sought timeline to show the analysis after completing the drilling.

**Recommendations of TCC-1:**

***The committee decided to keep the item on hold until all the analytical data, including borehole information of ongoing projects in the adjoining blocks are obtained. MECL may again present the item once the complete data is available.***

*Parathi*  
11/6/25

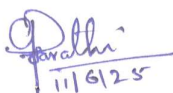
*San*  
11/06/2025

**Agenda.77.1.3. Preliminary Exploration (G3) for Aluminous Laterite, Vanadium and associated minerals in Kodom Block (2.00 sq. km), Kasaragod District, Kerala.**

**&**

**Agenda.77.1.4. Preliminary Exploration (G3) for Aluminous Laterite, Vanadium and associated minerals in Kallar Block (4.19 sq. km), Kasaragod District, Kerala. [Implementing Agency: MECL]**

- a) The proposed blocks, located in Survey of India Toposheet No. 48 P/3, comprise mainly charnockites and pyroxene granulites of the Charnockite Group, intruded by younger granite gneiss of the Peninsular Gneissic Complex and numerous quartz veins.
- b) GSI conducted a reconnaissance survey during 1971–72 in parts of Kanhangad and Kasaragod taluks, Cannanore district, Kerala, and reported bauxite occurrences closely associated with laterite. Further investigations in and around the area confirmed the presence of laterite, bauxite, and clay.
- c) Subsequently, MECL carried out exploration (G-4 stage) in the Kasaragod East Block (291.00 sq km; Block-ID: SR-KRL-03) and identified high-alumina bauxite in isolated patches or lenses with irregular distribution. Bedrock samples also showed elevated concentrations of vanadium (up to 1,019.7 ppm), gallium (up to 46.7 ppm), and rare earth elements (REEs).
- d) The proposed Kodom Block, (2.00 sq km) has been carved out from the larger Kasaragod East Block. Three bedrock samples from the area report vanadium (V) concentrations ranging from 355 to 745 ppm, gallium (Ga) between 23 to 37 ppm, and alumina ( $\text{Al}_2\text{O}_3$ ) content from 22.7% to 27.8%. Additionally, five pit samples reveal  $\text{Al}_2\text{O}_3$  values varying between 22.37% and 30.20%.
- e) Similarly, in the proposed Kallar Block, three bedrock and two pit samples showed vanadium values of 407–531.9 ppm, gallium 29.30–32.60 ppm, and alumina content of 26.94–30.64%.
- f) Based on these encouraging results reported by MECL, Kodom and Kallar blocks are proposed for G3 stage investigation.
- g) The items were proposed in 76<sup>th</sup> TCC-1 and the committee noted that MECL's G4 map shows patchy laterite distribution with no clear demarcation of mafic/ultramafic rocks. Moreover, satellite imagery indicates dense vegetation. Random bedrock samples showed  $\text{Al}_2\text{O}_3$  values of 25.46% (Kodom) and 28.96% (Kallar), indicating aluminous laterite. After review, the committee did not recommend the proposals in 76<sup>th</sup> TCC-1 due to the lack of systematic data in G4 level and poor lithological clarity.
- h) MECL presented both items in the 77<sup>th</sup> TCC, where the committee opined that associated elements like V and Ga in laterite can be extracted only when alumina is >40%, however, the alumina content reported by MECL in the area is very low.
- i) The committee, therefore, asked MECL to provide a valid justification. In response, MECL defended their proposal and highlighted both blocks on the map.
- j) After detailed discussions, the committee agreed for one block to be explored at this stage and decided to recommend the Kallar block as it is larger in size which is required for bulk commodity
- k) After detailed discussions, the committee agreed to recommend exploration of only one block at this stage and advised MECL to concentrate in Kallar block, as it is larger in size and more suitable for bulk commodity.

  
11/6/25

  
11/06/2025

**Recommendations of TCC-1:**

***The committee recommended the proposal “Preliminary Exploration (G3) for Aluminous Laterite, Vanadium and associated minerals (V, Ga & REE) in Kallar Block, Kasaragod District, Kerala” for approval of EC with an estimated cost of ₹ 122.72 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 04 and 08 months.***

**Agenda.77.1.5. Preliminary exploration Survey (G3) for Iron ore in Gidhali-Chiklakasa block, Balod district, Chhattisgarh.**

**[Implementing Agency: Bhushilp Mines and Minerals Private Limited.]**

- a) The proposed area forms a part of SOI toposheet no. No. 64H/2.
- b) GSI conducted a G4 stage survey for iron ore in the Gidhali–Chiklakasa–Putarwahi area, Balod district, Chhattisgarh, identifying eight BIF bands. Among these, two prominent and continuous bands were noted—one near Gidhali (NW–SE) and another near Kokan (NNE–SSW). Of 170 BRS samples analyzed, only 34 showed Fe over 35%, while the rest were below the threshold limit. Silica content was consistently high across all samples, ranging from 19% to 84% SiO<sub>2</sub>.
- c) In the proposed block, 19 samples showed Fe (total) content above 30%, with a maximum of 49.59%. In the Konkan iron ore block, 10 samples also recorded Fe (total) values above 30%, with the highest reaching 49.59%.
- d) The item was presented in 76<sup>th</sup> TCC-1 to obtain in-principle approval. After review, the committee advised Bhushilp to modify the block boundary to avoid the railway line passing through it. The committee also recommended to plan five boreholes, with only one located in the northwest direction.
- e) Bhushilp resubmitted the proposal in the 77<sup>th</sup> TCC; however, the committee found it still lacking and advised further revision as per earlier suggestions. Bhushilp accordingly modified and re-presented the proposal.
- f) Upon detailed review, the committee noted that the iron ore body extends over approximately 4 km, and recommended drilling five boreholes at 800 m spacing for G3 stage investigation.

**Recommendations of TCC-1:**

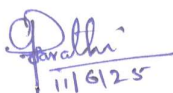
***The committee recommended the proposal “Preliminary exploration Survey (G3) for Iron ore in Gidhali-Chiklakasa block, Balod district, Chhattisgarh (G3) for approval of EC with an estimated cost of ₹ 196.09 lakh (including GST) within time schedule of 12 months for carrying out the proposed work and submission of report as per Annexure - 3A & 3B. The item will be reviewed after 4 and 8 months.***

**76.2 Project Evaluation for In-Principle Approval**

**Agenda 77.2.1. Reconnaissance Survey (G4) Ranmangli for lead, zinc and gold Kuhi/Umrer area, Nagpur District, Maharashtra.**

**[Implementing Agency: Bhushilp Mines and Minerals Private Limited]**

- i. Bhushilp Mines and Minerals Private Limited did not present the item and informed the committee that they will present in forthcoming TCC-1 meeting.

  
11/6/25

  
11/06/2025

- ii. For the same proposal, comments from MGD, Maharashtra is also awaited.

**Recommendations of TCC-1:**

***The item was not reviewed as Bhushilp did not present the item.***

**Agenda 77.2.2. Reconnaissance Survey (G4) for Tungsten in Domaria, Kokia area, Jashpur District, Chhattisgarh.**

**[Implementing Agency: Bhushilp Mines and Minerals Private Limited]**

- a) The proposed item falls in SOI toposheet no 64N/15
- b) GSI carried out exploration in parts of Jashpur and Dharamjaygarh area for tungsten (scheelite) during FS:1989-90 and reported sporadic occurrences of tungsten (scheelite) in an area of about 15km length between Lawakera in the east and Dumaria in the west.
- c) Based on earlier exploration in the Jashpur and Dharamjaygarh areas, four zones of tungsten (scheelite) mineralization were identified: the Junwain area, where ten trenches revealed W values ranging from 0.01% to 6.65%; the Dumaria area, with WO<sub>3</sub> values between 0.0040% and 0.0140%; the Kokia Nala (Daltoli) area, showing WO<sub>3</sub> values from 0.1512% to 0.4662%; and the Lawakera village, where W content ranged from 150 ppm to 1.08%.
- d) Encouraged by these values Bhushilp proposed the area around Dumaria and Kokia Nala for tungsten exploration.
- e) The committee found that the proposed area has about 90% overlapping with GSI's ongoing G4 stage investigation for tungsten.

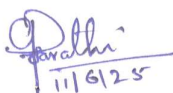
**Recommendations of TCC-1:**

***The committee did not approve the item as it has overlapping with GSI's exploration of same stage and commodity.***

**Agenda 77.2.3. Reconnaissance Survey (G4) for Graphite and associated minerals Barakarli area, Raygada, Odisha.**

**[Implementing Agency: Earthenviro Lab Private Limited]**

- a) The proposed item falls in SOI toposheet no 65M/08
- b) Quartz-Garnet-Sillimanite-graphite schist/Gneiss is known as a suitable host for graphite mineralization.
- c) Based on this, Geologists of Earthenviro Lab Pvt. Ltd. has conducted a field visit in the proposed area and identified graphite bearing Quartz-Garnet-Sillimanite-graphite schist/Gneiss in the proposed area.
- d) Earthenviro Ltd. informed that they have collected two samples which yielded 2.9 and 3.1% of FC values.
- e) The agency informed the committee that Balapadu Quartz and Quartzite Mine is situated near this proposed Block.
- f) The committee stated that both MECL and OMC have done a lot of work around the proposed area, hence their comments are required to assess the proposal. Hence, OMC, MECL and DMG Odisha will be asked to send the comments meanwhile Earthenviro Lab Pvt. Ltd may prepare the DPR and present in forthcoming TCC-1 meeting.

  
11/6/25

  
11/06/2025

**Recommendations of TCC-1:**

***The committee approved submission of the DPR for the item in the upcoming TCC-I meeting subject to comments from MECL, DMG, Odisha and OMC, Odisha.***

**Agenda 77.2.4. Reconnaissance Survey (G4) for Bauxite, Vanadium, Gallium and associated minerals around Anjarle Kadivali area, Ratnagiri District, Maharashtra.**

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

**&**

**Agenda 77.2.5. Reconnaissance Survey (G4) for Bauxite, Vanadium, Gallium and associated minerals around Murud-Dapoli area, Ratnagiri District, Maharashtra.**

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

**&**

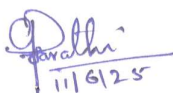
**Agenda 77.2.6. Reconnaissance Survey (G4) for Bauxite, Vanadium, Gallium and associated minerals around Umbershet-Kangavai area, Ratnagiri District, Maharashtra.**

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

- a) The proposed items fall in SOI toposheet no 47G/1.
- b) GSI conducted bauxite investigations in the western margin of the proposed block over small areas—1.6 sq km in Anjarle Plateau (1971-72) and 0.13 sq km in Uthamber Plateau (1972-73).
- c) Anjarle Plateau show 35.5% to 59.71%  $\text{Al}_2\text{O}_3$  & 1.3% to 19%  $\text{SiO}_2$  and Uthamber Plateau show Grade I to III:  $\text{Al}_2\text{O}_3$  35% to 51%;  $\text{TiO}_2$  up to 3.5% P less than 0.09%. However, the thickness of bauxite varies from centimeters to 4.3m and 1m to 3.5m. respectively.
- d) Geomarine stated that the areas explored by GSI were very limited in extent, and analyses were restricted to major oxides such as  $\text{Al}_2\text{O}_3$  and  $\text{SiO}_2$ , with no assessment of trace or minor elements. As these study areas lie near the proposed areas, and considering the widespread laterite development over basalt in the region, Geomarine proposed investigating the areas for its potential in critical commodities like vanadium, gallium, niobium, and scandium.
- e) DMG, Maharashtra informed that the proposed areas are very close to Coastal Regulatory Zone (CRZ). DMG Maharashtra will send their comment within a week.
- f) The committee found that GSI is carrying out a RP item targeting the same commodity and all the three proposed blocks fall either fully or partially within the area of GSI's ongoing RP item.

**Recommendations of TCC-1:**

***The committee stated that GSI is already conducting a RP item targeting the same commodity and the proposed areas have either fully or partially overlapping with GSI's ongoing RP item and therefore decided to keep the items on hold to see the outcome of the GSI's work.***

  
11/6/25

  
11/06/2025



### 77.3 Technical Evaluation of Procurement Proposals/Baseline

**Agenda 77.3.1. Financial Assistance from NMET funds to procure Machinery Laboratory Equipment/instruments etc. aimed at enhancing the exploration activities (Procurement of Deep Seismic Reflection Survey (DSRS) Equipment for capacity augmentation). [Implementing Agency: MECL]**

- a) The proposal was presented in the 76<sup>th</sup> TCC-I meeting held on 30<sup>th</sup> April and 1<sup>st</sup> May, 2025.
- b) The committee opined that DSRS is a regional survey and hence, may not be utilized directly for G4 or other exploration projects, in particular.
- c) The committee emphasized that large-scale, nationwide exploration requires a country-driven policy and a consortium-based approach, as these equipments are very costly (here it is **Rs. 54.39 crores**) and cannot be kept idle.
- d) MECL informed that various PSUs are utilizing geophysical survey data and have received requests from multiple agencies.
- e) The committee stated that GSI proposed to conduct DSRS in the northern, southern, and eastern transects but received approval only for the northern one. Further surveys in other transects will depend on the outcome of the survey approved in the northern transect. While technological upgradation is essential, MECL is advised to wait a few more months for GSI's results. i.e roughly 5-6 months. Based on a thorough assessment, MECL can then revise its proposal, reframe the business model, and evaluate technology viability.

#### **Recommendations of TCC-1:**

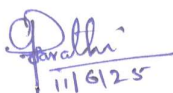
*The committee agreed that though there is a need of DSRS equipment as it may upgrade the capacity of requesting agency it is prudent to assess the outcome of the results of the ongoing projects as there is no SOP for such kind of projects. The committee advised MECL to hold the proposal till the results of the ongoing Northern Transect (joint venture of GSI and NGRI) is out. After the review of Northern Transect, a decision on this procurement proposal will be taken up.*

**Agenda 77.3.2. Financial Assistance from NMET funds to procure Machinery Laboratory Equipment/instruments etc. aimed at enhancing the exploration activities [Implementing Agency: DGM Kerala]**

The agency did not present the requirement in the proper format.

#### **Recommendations of TCC-1:**

*The committee suggested DMG, Kerala to properly place the requirements through Powerpoint presentation with proper justification, details of manpower and plan for judicious utilization of equipment/instruments in next 5 years.*

  
11/6/25

  
11/06/2025

## **77.5 Review of Ongoing Procurement Project & Timeline Extension/Baseline**

### **Agenda 77.5.1. Reconnaissance Survey (G4) for polymetallic mineralization (Au, Cu, Ni, Co) in Dharwar Shimoga Schist Belt of Nagavanda area Davangere, Haveri and Shimoga District, Karnataka**

**[Implementing Agency: KIOCL]**

- a) KIOCL informed that the project was approved in the 28<sup>th</sup> EC Meeting held on 16<sup>th</sup> March, 2023. The sanction order was issued on 27<sup>th</sup> March, 2023 with timeline of 12 months and approved cost of INR 1,47,62,526/-.
- b) In the 36<sup>th</sup> EC meeting of NMET held 29<sup>th</sup> July 2024, timeline extension was approved upto 31<sup>st</sup> December 2024. TCC- 1 was informed that time extension upto 5 months' extension upto 31<sup>st</sup> May, 2025 was approved in 73<sup>rd</sup> TCC-I meeting held on 31<sup>st</sup> January, 2025. In 75<sup>th</sup> TCC-1 meeting held on 27<sup>th</sup> and 28<sup>th</sup> March, 2025, the item was reviewed and recommended for another review after the analytical results of boreholes are received.
- c) KIOCL informed that out of 500 m target of scout drilling, 326 m (02 BHs) has been completed. TCC-1 was informed that no significant mineralized zones encountered in boreholes. Negligible sulphides were observed in carbonaceous phyllites.
- d) Fixed Carbon (FC) ranges from 0.16 – 1.60%, Cu values ranges from 52- 475 ppm and Au valued at <0.1 ppm. The committee found the values are not encouraging neither for Cu nor Au.
- e) KIOCL sought a timeline extension of 02 months for GR submission.

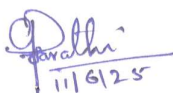
#### **Recommendations of TCC-1:**

***The TCC-1 recommended 02 months of extension up to 31<sup>st</sup> July, 2025 for GR submission. The revised cost of the project will be discussed in next TCC-I meeting.***

### **Agenda 77.5.2. Reconnaissance Survey (G4) for Iron Ore in Arewada – Hitapadi area (27 sq km), District: Gadchiroli, Maharashtra**

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

- a) Gemcokati Pvt. Ltd. informed that the project was approved in the 38<sup>th</sup> EC Meeting held on 29<sup>th</sup> November, 2024. The OM was issued on 6<sup>th</sup> January, 2025 with approved timeline of 6 months and approved cost of INR 16,57,688/-.
- b) TCC- 1 was apprised that all the quantum of work assigned in the project has been achieved successfully.
- c) Gemcokati Pvt. Ltd. sought nomination of peer reviewer for report submission.
- d) The committee reviewed the work and pointed out that structural data in the map is insufficient and prepared map is not satisfactory.
- e) The committee, after reviewing the work, found the petrographic and ore microscopic studies unsatisfactory, with poorly derived inferences, and emphasized the need for better interpretation of petrographic data. The committee suggested that chemical analysis results be properly depicted on maps.
- f) XRD studies indicated that the samples are primarily of hematite. The committee advised that the overall presentation be improved and the Geological Report resubmitted for review in the upcoming TCC-I meeting.

  
11/6/25

  
11/06/2025



**Recommendations of TCC-1:**

***The committee did not approve for peer review of the GR. The committee instructed Gemcokati Pvt. Ltd to incorporate the suggestions in report and present again in the next TCC-I meeting.***

**Agenda 77.5.3. Preliminary Exploration (G3) for Iron and Manganese mineralization in Ramghad Block, Bellari District, Karnataka**

**[Implementing Agency: Ecomen Mining Pvt. Ltd.]**

- a) M/s Ecomen Mining Pvt. Ltd. informed that the project was approved in the 35<sup>th</sup> EC Meeting held on 16<sup>th</sup> May, 2024. The sanction order was issued on 10<sup>th</sup> June, 2024 with timeline of 12 months (up to 09.06.2025) and approved cost was INR 1,64,36,127/-.
- b) The committee was informed that quantum targets pertaining to geological mapping, BRS sampling and survey work has been completed.
- c) Pitting, trenching and exploratory drilling components of the work has not been initiated due to delay in getting forest clearance.
- d) M/s Ecomen Mining Pvt. Ltd. sought an extension of 6 months, up to 09.12.2025 for completion of work.
- e) DGM, Karnataka apprised the committee that the regional office will give the forest clearance for pitting and trenching and a maximum of 15 days is needed for obtaining the clearance for pitting and trenching. The committee was also informed that the agency has to apply through PARIVESH portal for getting forest clearance for drilling.
- f) The committee instructed the agency to closely monitor the progress of forest clearance. The committee also suggested that before the initiation of pitting and trenching, the analytical values must be shown to TCC-I in upcoming meeting.

**Recommendations of TCC-1:**

***The committee recommended 06 months of timeline extension upto 09.12.2025 for getting forest clearances for pitting, trenching and drilling operations and completion of work.***

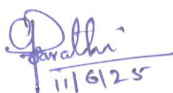
**Agenda 77.5.4. Preliminary Exploration (G3) for magnetite and associated Vanadium mineralization in Khursipar block, Dist- Gondia, Maharashtra.**

**[Implementing Agency: MECL]**

- a) MECL informed that the project was approved in the 41<sup>st</sup> EC Meeting held on 11<sup>th</sup> March, 2025. The sanction order was issued on 19<sup>th</sup> March , 2025 with timeline of 12 months (up to 18.03.2026) and approved cost was INR 2,73,10,321/-.
- b) The approved area already has an existing leased area under 10A 2(B) case.
- c) MECL sought reduction in area from 3.1 sq. km. to 2.8 sq.km.
- d) Committee observed that the area of reduction is under 10% of originally approved area.

**Recommendations of TCC-1:**

***The committee recommended the proposal to EC for approval to reduce the area from 3.1 sq. km. to 2.8 sq.km for ratification of revised cost from INR 2,73,10,320/- to INR 2,71,65,263/- as given at Annexure 4.***

  
11/6/25

  
11/06/2025

**Agenda 77.5.5. Reconnaissance Survey (G4) for Gold in Bargur area, Bargur belt of Kolar Schist belt, Krishnagiri District, Tamil Nadu.**  
**[Implementing Agency: MECL]**

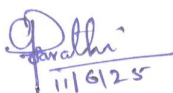
- a) MECL informed that the project was approved in the 33<sup>rd</sup> EC Meeting held on 19<sup>th</sup> February, 2024. The sanction order was issued on 27<sup>th</sup> February, 2024 with timeline of 12 months (up to 26.02.2025) and approved cost was INR 2,50,28,266/-.
- b) The committee was informed that 3 months' timeline extension up to 26<sup>th</sup> May 2025 for GR submission was approved in 75<sup>th</sup> TCC-1 meeting held on 27<sup>th</sup> and 28<sup>th</sup> March, 2025.
- c) MECL informed that twenty samples shown gold values range from 0.05ppm to 0.21 ppm Au from the area. One bedrock sample (amphibolite with quartz vein) collected from Bangaragunta old working has shown 0.21 g/t Au & one sample quartz vein with amphibolite from Sakalagunta old working shown 0.19 g/t Au. Based on the outcome, two old working bearing areas (Banagarugnunta-1.3 sq.km. and Sakalagunta-1.76 sq.km.) have been demarcated as promising zones.
- d) TCC was also informed that anomalous resistivity zones are corroborating with old workings in the area.
- e) The committee suggested that initially one boreholes each should be drilled in two blocks and depending on the outcomes, other boreholes may be planned.
- f) MECL sought approval for additional drilling and a timeline extension of 6 months. MECL apprised the committee that delay in work is due to forest clearance issue and other constraints.
- g) The committee instructed MECL to formally submit the reasons to NMET for any further timeline extension. The committee also instructed MECL to provide all the correspondences made with Forest Department to NMET.

**Recommendations of TCC-1:**

***The committee did not approve timeline extension in this TCC and the time extension may be reviewed in next TCC after all the correspondences with forest department and justifications are provided. Additional drilling target is also not approved and will be considered only after the outcomes of already assigned targets.***

**Agenda 77.5.6. Reconnaissance Survey (G4) for Glauconitic sandstone in Parsada – Nawapara-Gurur area (146.27 sq.km), Balod District, Chhattisgarh**  
**[Implementing Agency: MECL]**

- a) MECL informed that the project was approved in the 35<sup>th</sup> EC Meeting held on 16<sup>th</sup> May, 2024. The sanction order was issued on 10<sup>th</sup> June, 2024 with timeline of 12 months (up to 09.06.2025) and approved cost was INR 1,16,74,787/-.
- b) MECL presented their work and sought additional analytical samples in the target. MECL have already collected 65 samples from two drilled boreholes and only 35 samples are remaining in target for remaining three boreholes.
- c) The committee noted that, out of the five approved boreholes, two have been completed, consistently showing K<sub>2</sub>O values ranging from 4.86% to 7.70%. The remaining three boreholes are approved for drilling in the other identified lenses.
- d) The committee observed that high resolution sampling (at 1 m depth) is done for 2 BH. The committee opined that sampling to be done at 2 m length for the remaining boreholes.
- e) Timeline extension sought for completion of drilling and submission of report.

  
11/6/25

  
11/06/2025

- f) The committee suggested that an interpreted map should be prepared in conjunction with the S0/S1 trend and show in the next TCC-1 meeting.

**Recommendations of TCC-1:**

***The committee approved timeline extension of 03 months up to 09<sup>th</sup> Sept. 2025. The issue of permission for additional samples may be taken in next review.***

**Agenda 77.5.7. Preliminary Exploration (G3) for Limestone in Gadeghat-Khatera Block, Yavatmal, Maharashtra.**

**[Implementing Agency: MMPL]**

- a) MMPL informed that the project was approved in the 39<sup>th</sup> EC Meeting held on 24<sup>th</sup> January, 2025. The sanction order was issued on 7<sup>th</sup> March, 2025 with timeline of 10 months (up to 19.12.2025) and approved cost was INR 2,31,42,842/-.
- b) MMPL presented the progress of work and apprised the committee that mapping and BRS component of assigned target is completed.
- c) The committee reviewed the work and showed satisfaction over the mapping done but suggested to carry out drilling on 800 x 800 m grid pattern.
- d) It was suggested to bring the details of analytical data in the next review meeting.

**Recommendations of TCC-1:**

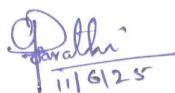
***The committee reviewed the work and suggested to carry out drilling in 800 x 800 m grid pattern.***

**Agenda 77.5.8. Preliminary Exploration (G3) for Limestone in Ponar Block, Adilabad district, State: Telangana. [Implementing Agency: MMPL]**

- a) MMPL informed that the project was approved in the 39<sup>th</sup> EC Meeting held on 24<sup>th</sup> January, 2025. The sanction order was issued on 7<sup>th</sup> March, 2025 with timeline of 08 months (up to 19.10.2025) and approved cost was INR 1,04,08,196/-.
- b) MMPL presented the progress of work and apprised the committee that mapping and BRS components of assigned target is completed.
- c) The committee found that the presentation indicates a dip reversal from south to north: horizontal in the south, transitioning to near-horizontal or gentle in the central part, and shifting to E-W with a NW dip in the extreme north, which requires either revisiting or further substantiation. As the structural data lacks justification, the borehole plan was not approved. The committee advised revisiting the area and resubmitting the borehole plan with a clearer structural understanding.
- d) The data of joints should also be marked on map.
- e) The committee suggested to plan drilling of vertical borehole.

**Recommendations of TCC-1:**

***The committee reviewed project and suggested MMPL to bring the borehole plan and get it reviewed in the next TCC-1 meeting.***

  
11/6/25

  
11/06/2025

**Agenda 77.5.9. Preliminary Exploration (G3) for Aluminous Laterite and associated Critical Elements (V, Ga, & REE) in Mundalli Block, Uttara Kannada District, Karnataka. [Implementing Agency: Geo Marine Solutions Pvt. Ltd.]**

- a) Geo Marine Solutions Pvt. Ltd. informed that the project was approved in the 38<sup>th</sup> EC Meeting held on 29<sup>th</sup> November, 2024. The sanction order was issued on 21<sup>st</sup> March, 2025 with timeline of 10 months (up to 29.10.2025) and approved cost was INR 90,92,156/-.
- b) Geo Marine Solutions Pvt. Ltd. presented the progress of work and apprised the committee that mapping and topographic survey components of assigned target is completed.
- c) The committee was informed that  $\text{Fe}_2\text{O}_3:\text{Al}_2\text{O}_3 < 1.00$ , and  $\text{SiO}_2:\text{Al}_2\text{O}_3$  ratio less than 1.33 for aluminous laterite and the values  $\text{V}_2\text{O}_5 > 0.09\%$  &  $\text{Ga} > 30$  ppm will be used for Resource estimation.
- d) The agency requested for additional drilling meterage to complete the approved NQT– 400m x 400m grid drilling component for the remaining 05 BHs. The additional maximum 100m drilling may be approved with average depth of 18 - 20m per BH.
- e) Additional samples for XRF & ICP in accordance with additional drilling meterage also sought for approval.
- f) The agency informed that drilling in the area intersected laterite, clay, and sand, with the presence of sand below laterite possibly indicating about existence of any palaeochannel. Resources have been estimated for ferruginous laterite, aluminous laterite,  $\text{V}_2\text{O}_5$ , and gallium at threshold limits, and the agency is now seeking approval for an additional 80-100 m of drilling.
- g) The agency expressed that the pitting component could not be executed due to a significant cost difference between the SoC rate and the quotation received from the outsourcing agency. In response, the committee advised that a formal request be submitted to NMET for dropping the pitting component.
- h) After detailed review, the committee recommended estimating resources at 42%  $\text{Al}_2\text{O}_3$  for bauxite and at appropriate grade for aluminous laterite.
- i) Also recommended Geo Marine Solutions to estimate resources of  $\text{V}_2\text{O}_5$  and Ga only to the horizons of bauxite. Additionally, 50m of drilling in five boreholes was approved, with instructions to submit a revised cost sheet and written justification to NMET.

**Recommendations of TCC-1:**

***The committee suggested Geo Marine Solutions to estimate resources of bauxite @ 42%  $\text{Al}_2\text{O}_3$  and  $\text{V}_2\text{O}_5$  & Ga in the same horizon. Further suggested to submit the revised cost sheet with cost revision limited to not more than 10%. The cost of the project is revised to INR 97, 03,921.1/- (Rs. Ninety seven lakh three thousand twenty one only) as given at Annexure 5.***

*Parathi*  
11/6/25

*San*  
11/06/2025

**Agenda 77.5.10. Preliminary Exploration (G3) for Limestone in Alda Block, Raipur & Balodabazar- Bhatapara Districts, Chhattisgarh.**  
**[Implementing Agency: DGM Chhattisgarh]**

- a) DGM Chhattisgarh informed that the project was approved in the 33<sup>rd</sup> EC Meeting held on 19<sup>th</sup> February 2024. The sanction order was issued on 28.02.2024 with timeline of 10 months and approved cost was INR 1,59,77,570/-.
- b) Timeline was extended for 3 Months, up till 27.03.2025 in 72<sup>nd</sup> TCC meeting held on 23<sup>rd</sup> and 24<sup>th</sup> December, 2024. TCC-1, in its 75<sup>th</sup> meeting held on 27<sup>th</sup> and 28<sup>th</sup> March, 2025, recommended 2 months' extension till 31.05.2025 to EC.
- c) The agency informed that all the assigned targets has been achieved and the report has been submitted for peer review.
- d) DGM Chhattisgarh sought an extension of 1 month for final submission of GR.
- e) The committee instructed the agency to show the comments of reviewer and their compliance in next TCC meeting.

**Recommendations of TCC-1:**

***The committee recommended extension of timeline for 01 month upto 30.06.2025 for GR submission.***

**Additional Agenda**

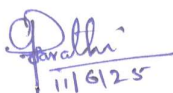
**Agenda (Additional): Procurement of Ore/Polarizing Microscope with Transmitted/Incident Light and oil immersion objectives.**

**[Implementing Agency: DMG Karnataka]**

- a) DMG Karnataka informed that the procurement project was approved in the 25<sup>th</sup> EC Meeting held on 29<sup>th</sup> June, 2022 with a timeline of 12 months. The OM was issued on 15.07.2022 for a cost of INR 25,00,000/- Lakhs, which was enhanced to INR 37,00,000/- in the 31<sup>st</sup> EC meeting of NMET held on 12<sup>th</sup> September 2024. The OM in this regard was issued on 18.10.2023 with time extension upto 29.02.2024. An extension of 06 months, i.e., upto 31.08.2024 was approved in 35<sup>th</sup> EC meeting held on 16.05.2024. Time extension of another 7 months, i.e., till 31.03.2025 was approved in 38<sup>th</sup> EC meeting held on 29<sup>th</sup> November, 2024.
- b) DMG Karnataka informed that the Ore Polarizing Microscope instrument has been installed. The inspection and certification of instrument by expert committee (nominated by NMET) has also been completed.
- c) Booking of expenditure is under progress and will be completed by 15.06.2025. DMG sought an extension of timeline till 15.06.2025.

**Recommendations of TCC-1:**

***The committee recommended extension of timeline for 2.5 months upto 15.06.2025 for completion of procurement project.***

  
11/6/25

  
11/06/2025

**Annexure1**

**List of participants attended 77<sup>th</sup> meeting of Technical-cum-cost Committee (TCC-I) of NMET held on 26<sup>th</sup> and 27<sup>th</sup> May, 2025 through video conferencing mode**

Sl. no	Name	Designation	Email ID	Contact No	Organization
1	Dr. S. Ravi,	Dy. Director General, GSITI, GSI Hyderabad	s.ravi1@gsi.gov.in	9441138834	Chairman, TCC-1
2	Sh. I.R. Kirmani	ADG (Retd.), GSI	irkirmani@yahoo.com	9414014723	Member TCC-1
3	Sh. Hemraj Suryavanshi	Addl. Director General (Retd.), GSI	hemraj.nmet@gmail.com	9425603674 7477042176	Member TCC-1
4	Sh. K. Koteswara Rao	Dy.D.G. (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	Dr.E.V.S.S.K. Babu	Scientist (G), NGRI	evsskbabu@ngri.res.in	9441535852	Member TCC-1
7	Sh.K.L. Mundra	Additional Director, AMD, Hyderabad	klmundra.amd@gov.in	9414785663	Member TCC-1
8	Sh. S.K. Adhikari	Chief Mining Geologist, IBM, Nagpur	skadhikari@ibm.gov.in	7588690545	Member TCC-1
9	Sh. P.K. Maharana	DGM (Finance), NALCO, Bhubaneswar	pmaharana@rediffmail.com	8500669500	Member TCC-1
10	Sh. Ravi Kumar Gupta	General Manager (Finance) HCL, Kolkata	ravi_g@hindustancopper.com	9433274328	Member TCC-1
11	Smt. Vandana	Cost Accounts Officer, RSAS, Bangalore, GSI	vandana@gsi.in	8660939235	Member TCC-1
12	Sh. C. Parthasarathi	Director, GSI & Member Secretary, TCC-1, NMET, GSI, Bengaluru	c.parthasarathi@gsi.gov.in	9483186932	Member Secretary TCC-1
13	Sh. Sanjay Kankane	Joint Director(Geology)	skankane@hotmail.com	9826753151	DGM Chhattisgarh
14	Sh. Kailash Dongre	Joint Director(Geology)	kailashdongre.kd@gmail.com	9424282791	DGM Chhattisgarh
15	Sh. P. Ravindran	GM (Exploration)	ravindran.mecl@gmail.com	9407607309	MECL, Nagpur
16	Sh. Shrikant Sharma	Head (Exploration)	shrikant.mecl@gmail.com	9131229758	MECL, Nagpur
17	Sh. S. K. Satapathy	Senior Manager (Geology)	Sksatapathy4u@gmail.com	9993617090	MECL, Nagpur
18	Sh. Vikash Kumar	Manager (Geology)	vikgeo@gmail.com	9110065089	MECL, Nagpur
19	Md. Dastageer	Manager (Geology)	dastageermd@gmail.com	9560739350	MECL, Nagpur
20	Sh. ABSS Rama Krishna	Manager (Geophysics)	abssrk@gmail.com	8447731654	MECL, Nagpur
21	Sh. Bhuneshwar Kumar	Manager (Geology)	bhuneshwarkumar@mecl.gov.in	9437063532	MECL, Nagpur
22	Md Intazar Alam	Manager (Geology)	intazar.geol1189@gmail.com	9483914347	MECL, Nagpur
23	Smt. Manorama Mohapatra	Project Coordinator	exploronnabet@gmail.com	9668511831	Eartnenviro Lab Pvt Ltd

*Parvathi*  
11/6/25

*San*  
11/06/2025



24	Sh. A.C. Dinesh	Chief Technology Officer	oed@geomarinesolutions.in	9038534560	Geo Marine Solutions Private Limited
25	Dr. A. V. Keshava Prasad	Chief Geologist ( Exploration)	keshava@geomarinesolutions.in	8595914877	Geo Marine Solutions Private Limited
26	Sh. Guruprasad S.	Geologist	gurups@geomarinesolutions.in	9745526250	Geo Marine Solutions Private Limited
27	Sh. Dnyaneshwar Gaonkar	Deputy Manager( Geology)	bmed@kioclltd.in	9945258578	KIOCL, Bengaluru
28	Sh. D. Mohan Raj	Consultant	bmed@kioclltd.in	9765980957	KIOCL, Bengaluru
29	Dr. Hema HC	Geologist	bmed@kioclltd.in	9972487412	KIOCL, Bengaluru
30	Sh. Vipin Kumar	Geologist	bmed@kioclltd.in	6394552026	KIOCL, Bengaluru
31	Dr. Vinay Sahay	Sr. Manager(Geology)	vinay.sahay@geologist.com	9730514284	Gemco kati Exploration Pvt Ltd, Chandrapur
32	Sh. Chinmay Rout	Geologist	chinmay2007rta@gmail.com	8260086563	Gemco kati Exploration Pvt Ltd, Chandrapur
33	Sh. Kaustav Bhattacharjee	Jr. Geologist	kaustavbhattacharjee18@gmail.com	8637848584	Gemco kati Exploration Pvt Ltd, Chandrapur
34	Sh. Amit Kumar Sahoo	Jr. Geologist	pramilasahoo066@gmail.com	7008428887	Gemco kati Exploration Pvt Ltd, Chandrapur
35	Ms. Devika Nagpure	Jr. Geologist	devikanagpure2018@gmail.com	8408986492	Gemco kati Exploration Pvt Ltd, Chandrapur
36	Sh. Ramraj Patel	Jr. Geologist	patelramraj1998@gmail.com	8856991189	Gemco kati Exploration Pvt Ltd, Chandrapur
37	Sh. Sama Anandamurthy	Project Coordinator	sama.anandamurthy@ecomen.in	9490475518	Ecomen Mining Pvt Ltd, Bengaluru
38	Sh. Kakkalapalli Sekhar	Manager Geology	sekhar.kakkalapalli@ecomen.in	9032074670	Ecomen Mining Pvt Ltd, Bengaluru

*Paralhi*  
11/6/25

*San*  
11/06/2025

39	Sh. Murali Manas P	Head of Projects	murali.manas@ecomen.in	9916310306	Ecomen Mining Pvt Ltd, Bengaluru
40	Sh. Vijay Kumar B	Geologist	vijay.kumar@ecomen.in	9743163236	Ecomen Mining Pvt Ltd, Bengaluru
41	Sh. Saikat Bhattacharyya	GM Exploration	saikat.bhattacharyya@ecomen.in	6289339388	Ecomen Mining Pvt Ltd, Bengaluru
42	Sh. Jayaprakash B B	Geologist	Jayaprakash.bb@ecomen.in	7411132685	Ecomen Mining Pvt Ltd, Bengaluru
43	Sh. Balkrishan Vishwakarma	Manager Geology	balkrishan.v@maheshwaree.com/ geology@maheshwaree.com	9651143638	Maheshwari Mining Pvt Ltd
44	Sh. Moulipriya Bhakta	Deputy Manager( Geology)	moulipriya.bhakta@maheshwaree.com/ geology@maheshwaree.com	7890631970	Maheshwari Mining Pvt Ltd
45	Representative				DGM Maharashtra
46	Representative				DMG Karnataka
47	Representative				Bhushilp Mines and Minerals Private Limited
48	Sh. Bulbul Mondal	Superintending Geologist	tcc.nmet.2023@gmail.com	9784700207	GSI, SR
49	Sh. Seababrata Das	Senior Geologist	nmet.mines@gov.in	7060508014	NMET Sectt.
50	Ms. Bishakha	Senior Geologist	nmet.mines@gov.in	8126541605	NMET Sectt.
51	Smt. Palak Kapoor	Senior Geologist	nmet.mines@gov.in	8851742488	NMET Sectt.
52	Dr. Rajesh Sharma	Senior Geologist	nmet.mines@gov.in	8377851047	NMET Sectt.
53	Sh. Monu Tomar	Senior Geophysicist	nmet.mines@gov.in	9467728411	NMET Sectt.
54	Sh. Akshay Verma	Geologist	nmet-mines@gov.in	9911258955	NMET Sectt.
55	Sh. Manish Kumar	Geophysicist	nmet.mines@gov.in	9652258670	NMET Sectt.

*Parvathi*  
11/6/25

*Ani*  
11/06/2025

**Estimated cost for Preliminary Exploration (G3) for Aluminous Laterite and Associated Minerals (V, Ga & REE) in Kallar Block, District Kasaragod, Kerala**  
**[Block area-6.332 sq. km; Schedule timeline- 12 months; BH-9; Drilling- 315m; Review- After 4 & 8 months]**

**Name of Agency: MECL**

S. No.	Item of Work	Unit	Rates as per NMET SoC 2020-21		Estimated Cost of the Proposal		Remarks
			SoC-Item -SI No.	Rates as per SoC	Qty.	Amount (Rs)	
A	GEOLOGICAL WORK (1:4000 scale) & TOPOGRAPHICAL SURVEY (1:4000 scale)						
i	Charges for one Geologist- Field	day	1.3	11,000	140	15,40,000	
ii	Charges for one Geologist per- HQ	day	1.3	9,000	30	2,70,000	
iii	2 labours/ party (As per rates of Central Labour Commissioner)	day	5.7	541	280	1,51,480	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
iv	Sampling party days-1 Samplers Labour charge not included	day	1.5.2	5,100	100	5,10,000	
v	4 labours/ party (As per rates of Central Labour Commissioner)	day	5.7	541	400	2,16,400	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher

*P. J. Javali*  
11/06/25

*San*  
11/06/2025

vi	Survey Party Days (Geological Mapping, Topographical contour survey and borehole fixation)	day	1.6. 1a	8,300	45	3,73,500	
vii	4 labours for surveyor	day	5.7	541	180	97,380	
	<b>Sub Total- A</b>					<b>31,58,760</b>	
<b>B</b>	<b>PITTING AND TRENCHING</b>						
i	Pitting	Cu m	2.1.2	3800	-	-	
	<b>Sub Total- B</b>					-	
<b>C</b>	<b>LABORATORY STUDIES</b>						
<b>1</b>	<b>Chemical Analysis</b>						
<b>i</b>	<b>Primary &amp; Check samples for Bauxite BRS/Chip/Channel/Trench/BH samples)</b>						
	a. Primary Samples for 5 radicals i.e. Al <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , TiO <sub>2</sub> & LOI	Nos	4.1.15a	4,200	365	15,33,000	BH-315, BRS-50
	b. For each additional trace elements viz. V & Ga	Nos	4.1.15b	842	365	3,07,330	
	c. External (10%) Check samples for 5 radicals i.e. Al <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub> , Fe <sub>2</sub> O <sub>3</sub> , P <sub>2</sub> O <sub>5</sub> , TiO <sub>2</sub> & LOI	Nos	4.1.15a	4,200	37	1,53,300	
	d. External (10%) Check samples for each additional trace elements viz. V & Ga	Nos	4.1.15b	842	37	30,733	
<b>2</b>	<b>Physical, Petrological, Mineralogical Studies</b>						
i	Preparation of thin section	Nos	4.3.1	2,353	10	23,530	
ii	Complete petrographic study report	Nos	4.3.4	4,232	10	42,320	

*P. J. J. J.*  
11/6/25

*San*  
11/06/2025

iii	Preparation of polished section	Nos	4.3.2	1,549	10	15,490	
iv	Complete mineragraphic study report	Nos	4.3.4	4,232	10	42,320	
v	Digital Photographs	Nos	4.3.7	280	10	2,800	
vi	X-RD studies for mineral phase identification	Nos	4.5.1	4,000	10	40,000	
vii	ICPMS - 34 elements	Nos	4.1.14	7,731	25	1,93,275	
viii	Bulk density determination	Nos	4.10	3540	5	17,700	
ix	Combined determination of Trihydrate Alumina (THA-140°C), Monohydrate Alumina (MHA-240°C) & Reactive Silica	Nos	4.1.17a	6700	5	33,500	
<b>Sub Total- C</b>						<b>24,35,298</b>	
<b>D</b>	<b>DRILLING (In-House)</b>						
i	Drilling upto 300m (Soft Rock) (1 rigs )	m	2.2.1.1b	7,168	315	22,57,920	As per MOC rates
ii	Land / Crop Compensation	per BH	5.6	20,000	9	1,80,000	As per actuals
iii	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	9	18,000	
iv	Transportation of Drill Rig & Truck associated per drill	Km	2.2.8	36	2,940	1,05,840	Certification in this regard is required to be provided
v	Monthly Accommodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	4	2,00,000	
vi	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	1	2,50,000	
vii	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	1	2,50,000	
viii	Approach Road Making	Km	2.2.10a	22,020	3	66,060	As per actuals.

*P. J. J. J.*  
11/06/25

*San*  
11/06/2025

ix	Bore Hole Fixation and determination of co-ordinates & Reduced Level of the boreholes by DGPS	Nos	1.6.2	19,200	14	2,68,800	09 Boreholes+ 5 Block Boundary points
x	Drill core preservation: One complete borehole plus mineralised cores of all the remaining Bhs	m	5.3	1,590	315	5,00,850	This amount will be reimbursed after successful delivery of the cores to concerned libraries/authorities
<b>Sub Total- D</b>						<b>40,97,470</b>	
<b>E</b>	<b>Total A to D</b>					<b>96,91,528</b>	
<b>F</b>	<b>Geological Report Preparation</b>		<b>5.2</b>	Reconnaissance Survey/Preliminary exploration/ General exploration/ Detailed exploration exceeding ₹50 lakh but less than 150 lakh: A Minimum of ₹2.5 lakh or 5% of the work whichever is more and ₹ 3000/- per each additional copy.		<b>4,84,576</b>	Reimbursement will be made after submission of the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMET.
<b>G</b>	<b>Peer review Charges</b>		<b>As per EC decision</b>			<b>30,000</b>	
<b>H</b>	<b>Preparation of Exploration Proposal</b>	<b>5 Hard copies with a soft copy</b>	<b>5.1</b>	2% of the Cost or Rs. 5.0 Lakhs whichever is lower		<b>1,93,831</b>	EA has to submit the final proposal along with Maps and Plan as suggested by the TCC-NMET in its meeting while clearing the proposal.

*Parvalhi*  
11/6/25

*San*  
11/06/2025



<b>I</b>	<b>Total Estimated Cost without GST</b>	<b>1,03,99,935</b>	
<b>J</b>	<b>Provision for GST (18% of I)</b>	<b>18,71,988</b>	GST will be reimbursed as per actual and as per notified prescribed rate
<b>K</b>	<b>Total Estimated Cost with GST</b>	<b>1,22,71,923</b>	
	<b>or Say Rs. In Lakhs</b>	<b>122.72</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 the Paragraph 3 of NMET SoC and 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>		

*P. Parvalhi*  
11/6/25

*Saur*  
11/06/2025

Annexure 2B

Time Schedule/ Action plan for Preliminary Exploration (G3) for Aluminous Laterite and Associated Minerals (V, Ga & REE) in Kallar Block, District Kasaragod, Kerala

S. No.	Particulars	Months/ Days	1	2	3	4		5	6	7	8		9	10	11	12
1	Camp Setting	months					Review					Review				
2	Geological Mapping & Geochemical Sampling	months														
3	Survey days (Topographic survey & BH/BB survey)	days														
4	Trenching/Pitting	cu.m														
5	Drilling (1 rig)	m														
6	Geologist days	days														
7	Sampling days, BRS, Pit & Core Sampling	days														
8	Camp winding	months														
9	Laboratory Studies	months														
10	Geologist days, HQ	days														
11	Report Writing with Peer Review	months														

*P. Parvathi*  
11/6/25

*S. Anur*  
11/06/2025

Annexure 3A							
Estimated cost for Preliminary exploration Survey (G3) for Iron ore in Gidhali-Chiklakasa block, Balod district, Chhattisgarh							
Implementing Agency: Bhushilp Mines and Minerals Private Limited							
Total area: 3.35 sq km, Period of Completion: 12 months, BH: 05 nos., 600m, Review: After 4 & 8 months							
			Rates as per NMET		Estimated Cost of the		
			SoC 2020-21		Proposal		
S. No.	Item of Work *	Unit *	SoC- Item No.	Rates as per SoC * (a)	Qty. (b)	Total Amount (Rs) (a*b)	Remarks
			*				
<b>A</b>	<b>Geological Mapping Other Geological Work &amp; Surveying</b>						
	Geological mapping, (1:4,000 scale) & Topographic contouring						
i	a. Charges for Geologist per day (Field) for geological mapping & trenching work, drilling work	day	1.2. b	11,000	150	1650000	1:4,000 scale mapping of 3.35 sq km
ii	b. Labours Charges; Base rate	day	5.7	541	300	162300	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
	c. Charges for Geologist per day (HQ)	day	1.2. a	9,000	30	270000	
	<b>Sub Total- A</b>					<b>2082300</b>	
<b>B</b>	<b>Survey work</b>						
a	DGPS Survey for BH fixation & RL determination	Per Point of observation of observation	1.6.2	19,200	9	172800	05 BHs + 04 Boundary pts
b	Charges of one qualified surveyor with Total Station for carrying out topographical survey in different RF		1.6.1a	8,300	30	249000	For Topographical survey

*Parvalhi*  
11/6/25

*San*  
11/06/2025

	and surface contouring at different interval, fixation of borehole and determination of co- ordinates & Reduced Level (RL) of the boreholes with total station etc.						
c	Labours Charges for survey work;	day	5.7	541	120	64920	4 labours per day
	<b>Sub-Total B</b>					<b>4,86,720</b>	
<b>C</b>	<b>DRILLING (after review)- In -house</b>						
1	Drilling up to 1200 m (very Hard rock)	m	2.2.1.4a	12,650	600	7590000	1st level BHs 05, 800 m Spacing
2	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH	5.6	20,000	10	200000	As per actuals
3	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	10	20000	
4	Transportation of Drill Rig & Truck associated per drill (2 rig)	Km	2.2.8	36	600	21600	
5	Monthly Accommodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	3	150000	
6	Drilling Camp Setting Cost	Nos	2.2.9a	250000	1	250000	
7	Drilling Camp Winding up Cost	Nos	2.2.9a	250000	1	250000	
8	Road Making (Flat Terrain)	Km	2.2.10a	22,020	5	110100	As per actuals
9	Drill Core Preservation	per m	5.3	1,590	400	636000	150 m of one second level BH, 75 m of remaining 9 BHs.
10a	Charges for one Sampler per day (1 Party)	one sampler per day	1.5.2	5,100	89	453900	
10b	Labours (4 Nos)	day	5.7	541	356	192596	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher.
	<b>Sub Total C</b>					<b>9874196</b>	
<b>D</b>	<b>LABORATORY STUDIES</b>						
1	<b>Chemical Analysis</b>						

*P. Parvathi*  
11/06/25

*San*  
11/06/2025

i)	<b>Geochemical Sampling-Surface samples (Bedrock/Channel /Soil/Stream sediment)</b>						
	a. Analysis of major oxides and trace samples by XRF	Nos	4.1.15a	4,200	320	1344000	20 m length 16 channels (Staggered pattern)
ii)	<b>Surface Check samples (10% External)</b>					0	
	a. Analysis of major oxides samples by XRF	Nos	4.1.15a	4,200	32	134400	
v)	<b>BH Core samples</b>					0	
	a. Analysis of major oxides samples by XRF	Nos	4.1.15a	4,200	325	1365000	
vi)	<b>BH Core samples (10%External)</b>					0	
	a. Analysis of major oxides samples by XRF	Nos	4.1.15a	4,200	33	138600	
2	<b>Physical &amp; Petrological Studies</b>					0	
i	Preparation of thin section	Nos	4.3.1	2,353	10	23530	
ii	Study of thin section	Nos	4.3.4	4,232	10	42320	
iii	Preparation of polish section	Nos	4.3.2	1549	5	7745	
iv	study of polished section	Nos	4.3.4	4,232	5	21160	
v	Digital Photographs	Nos	4.3.7	280	10	2800	
vii	Bulk density analysis	Nos	4.8.1	1,605	3	4815	
	SEM Studies	per hour					
viii	EPMA studies	per hour					
	<b>Total D</b>					<b>3084370</b>	
<b>E</b>	<b>Total A to D</b>					<b>1,55,27,586</b>	
<b>F</b>	Geological Report Preparation	<b>5 Hard copies with a soft copy</b>	5.2	ii		750000	Reimbursement will be made after submission of the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMET.
<b>G</b>	<b>Peer review Charges</b>		<b>As per EC decision</b>	30,000	<b>1</b>	<b>30,000</b>	

*Parvalhi*  
11/6/25

*San*  
11/06/2025

H	Preparation of Exploration Proposal (5 Hard copies with a soft copy)	5 Hard copies with a soft copy	5.1	2% of the Cost or Rs. 5.0 Lakhs whichever is less		310552	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.
I	<b>Total Estimated Cost without GST</b>					<b>1,66,18,138</b>	
J	<b>Provision for GST (18% of I)</b>					<b>2991265</b>	GST will be reimbursed as per actual and as per notified prescribed rate
K	<b>Total Estimated Cost with GST</b>					<b>1,96,09,403</b>	
				<b>Rs. In Lakhs</b>		<b>196.09</b>	
<b>Note:</b>							
1	<b>Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.</b>						
2	<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>						
3	<b>If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMET SoC and 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>						
4	<b>Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.</b>						
5	<b>Any item of work not mentioned above shall be added as per SoC.</b>						
6	<b>All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency.</b>						

*P. Parvalhi*  
11/06/25

*Saur*  
11/06/2025



## Time Schedule/ Action Plan for Preliminary exploration Survey (G3) for Iron ore in Gidhali-Chiklakasa block, Balod district, Chhattisgarh

	Months														
Item of work	1	2	3	4	Review	5	6	7	8	Review	9	10	11	12	
Camp Setup															
Large Scale Mapping (1:12,500															
Bed Rock Sampling															
Geochemical Survey															
Pitting and sampling															
Chemical analysis of surface samples															
Scout Drilling / systematic drilling															
Core sampling and its preparation															
Chemical analysis of Core Samples															
Processing of Analytical data															
Preparation of geological report															

*P. Parvalhi*  
11/06/25

*Saur*  
11/06/2025

**Annexure 4**

**Revised cost of Estimated cost for Preliminary Exploration (G3) for magnetite and associated Vanadium mineralization in Khursipar block, Dist- Gondia, Maharashtra**

**Block area- 2.82 sq. km; No. of Boreholes-17, Borehole Depth- 60m, Schedule timeline- 12 months, Review: 4 month and 8 month**

**Name of Agency: MECL**

S. No.	Item of Work	Unit	Rates as per NMET SoC 2020-21		Approved Cost of the Proposal		Modified Cost of the Proposal		Remarks
			SoC-Item -SI No.	Rates as per SoC					
					Qty.	Amount (Rs)	Qty.	Amount (Rs)	
A	GEOLOGICAL WORK								
1	Geological Mapping (1:2000), borehole logging, sampling & Report writing								
i	Charges for one Geologist-Field	day	1.2	11,000	140	15,40,000	130	14,30,000	
ii	Charges for one Geologist per- HQ	day	1.2	9,000	50	4,50,000	50	4,50,000	
iii	2 labours/ party (As per rates of Central Labour Commissioner)	day	5.7	526	280	1,47,280	260	1,36,760	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
iv	Trench and Core Sampling -1 Samplers Labour charge not included	day	1.5.2	5,100	67	3,41,700	67	3,41,700	
v	4 labours/ party for sampling (As per rates of	day	5.7	526	268	1,40,968	268	1,40,968	Amount will be reimbursed as per the notified rates by the

*Parvalhi*  
11/06/25

*San*  
11/06/2025

	Central Labour Commissioner)								Central Labour Commissioner or respective State Govt. whichever is higher
<b>2</b>	<b>Topographical survey (on 1:2000 Scale)</b>								
i	Bore Hole Fixation and determination of co-ordinates & Reduced Level of the boreholes by DGPS and boundary coordinates	Per Point of observation	1.6.2	19,200	24	4,60,800	24	4,60,800	17 BHs and 7 boundary coordinates
ii	Charges of Surveyor	one surveyor per day	1.6.1a	8,300	30	2,49,000	30	2,49,000	
iii	Labours Charges for survey work;	day	5.7	526	120	63,120	120	63,120	Amount will be reimbursed as per the notified rates for unskilled labour by the Central Labour Commissioner or respective State Govt. whichever is higher
	<b>Sub Total- A</b>					<b>33,92,868</b>		<b>32,72,348</b>	
<b>B</b>	<b>PITTING AND TRENCHING</b>								
i	Trenching / Pitting (1m x 2mx 75 m)	Cu m	2.1.1	3330	150	499500	150	4,99,500	
	<b>Sub Total- B</b>					<b>4,99,500</b>		<b>4,99,500</b>	
<b>C</b>	<b>DRILLING</b>								
i	Drilling upto 300m (Hard Rock) (1 rigs )	m	2.2.1.5a	12,650	1,000	1,26,50,000	1,000	1,26,50,000	
ii	Borehole deviation Survey	m	2.2.6	330			-	-	

*P. J. Javali*  
11/6/25

*San*  
11/06/2025

iii	Land / Crop Compensation	per BH	5.6	20,000	17	3,40,000	17	3,40,000	Amount will be reimbursed as per actuals or max. Rs. 20000 per BH with certification from local authorities
iv	Construction of concrete Pillar (12"x12"x30")	per borehole	2.2.7a	2,000	24	48,000	24	48,000	17 BHs and 07 boundary points
v	Transportation of Drill Rig & Truck associated per drill	Km	2.2.8	36	350	12,600	350	12,600	To & fro Nagpur
vi	Monthly Accommodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	4	2,00,000	4	2,00,000	
vii	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	1	2,50,000	1	2,50,000	
viii	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	1	2,50,000	1	2,50,000	
ix	Approach Road Making (Flat Terrain)	Km	2.2.10b	22,020	5	1,10,100	5	1,10,100	
x	Core Preservation: One complete borehole plus mineralised cores of all the remaining Bhs	m	5.3	1,590	300	4,77,000	300	4,77,000	
<b>Sub Total- C</b>						<b>1,43,37,700</b>		<b>1,43,37,700</b>	
<b>D</b>	<b>LABORATORY STUDIES</b>								
<b>1</b>	<b>Chemical Analysis</b>								
<b>i</b>	<b>Primary &amp; Check samples</b>								
	a. Primary Samples for total Fe, FeO, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , P, S, TiO <sub>2</sub> , MnO, MgO, V, Sc, Ni, Co	Nos	4.1.15a and 4.1.15b	6,305	450	28,37,250	450	28,37,250	Trench/bedrock-200, BH-250

*P. Parvathi*  
11/6/25

*San*  
11/06/2025

	b-External(10%) Check samples from NABL Lab for total Fe, FeO, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , P, S, TiO <sub>2</sub> , MnO, MgO, V, Sc, Ni, Co	Nos	4.1.15a and 4.1.15b	6,305	45	2,83,725	45	2,83,725	
	c. PGE	Nos	4.1.5d	11,800	20	2,36,000	20	2,36,000	
	d. 34 element ICPMS Study	Nos	4.1.14	7,731	20	1,54,620	20	1,54,620	Surface samples-10 and core sample- 10
<b>2</b>	<b>Physical &amp; Petrological Studies</b>								
i	Preparation of thin section	Nos	4.3.1	2,353	10	23,530	10	23,530	
ii	Complete petrographic study report	Nos	4.3.4	4,232	10	42,320	10	42,320	
iii	Preparation of polished section	Nos	4.3.2	1,549	10	15,490	10	15,490	
iv	Complete mineragraphic study report	Nos	4.3.4	4,232	10	42,320	10	42,320	
v	Digital Photographs	Nos	4.3.7	280	10	2,800	10	2,800	
vi	XRD Analysis for mineral phase study	Nos	4.5.1	4,000	10	40,000	10	40,000	
vii	Determination of Fine: Lump ratio	cu m	4.9	6,523				-	
viii	Bulk density determination	Nos	4.1	3,540	5	17,700	5	17,700	
	<b>Sub Total- D</b>					<b>36,95,755</b>		<b>36,95,755</b>	
<b>E</b>	<b>Total A to D</b>					<b>2,19,25,823</b>		<b>2,18,05,303</b>	

*Parvathi*  
11/06/25

*San*  
11/06/2025

F	Geological Report Preparation		5.2	For the projects having cost exceeding Rs. 150 lakhs but less than Rs. 300 lakhs - A minimum of Rs. 7.5 lakhs or 3% of the value of work whichever is more		7,50,000		7,50,000	
G	Peer review Charges		As per EC decision			30,000		30,000	
H	Preparation of Exploration Proposal (5 Hard copies with a soft copy)	5 Hard copies with a soft copy	5.1	2% of the Cost or Rs.5 Lakhs whichever is lower		4,38,516		4,36,106	
I	Total Estimated Cost without GST					2,31,44,339		2,30,21,409	
J	Provision for GST (18% of I)					41,65,981		41,43,854	GST will be reimbursed as per actual and as per notified prescribed rate
K	Total Estimated Cost with GST					2,73,10,320		2,71,65,263	
	Rs. (in lakhs)					273.1		271.65	
Note:									
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.								
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.								
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMET SoC and 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.								

*P. Javathi*  
11/06/25

*Saur*  
11/06/2025



**Revised Cost of Estimates for Preliminary Exploration (G3) for Aluminous Laterite and associated Critical Elements (V, Ga, & REE) in Mundalli Block,  
Uttara Kannada District, Karnataka  
Total Area - 4.754 Sq. Km; Drilling- 200m, Pitting: 100 cu m Completion Time - 10 Months, Review: after 5 months  
Implementing Agency: Geo Marine Solutions Pvt. Ltd.**

S. No.	Item of Work	Unit	Rates as per NMET SoC 2020-21		Estimated Cost of the Proposal		Remarks	ADDITIONAL	
			SoC-Item -SI No.	Rates as per SoC	Qty.	Total Amount (Rs)		Qty.	Total Amount (Rs)
<b>A</b>	<b>Geological Mapping + Topographical mapping, Other Geological Work &amp; Surveying</b>								
	Geological mapping, (1:4,000 scale)								
i	a. Charges for Geologist per day (Field) for geological mapping, Pitting/trenching & drilling work	day	1.3	11,000	120	13,20,000	<b>So far 110 days (60 for Mapping &amp; 50 days for drilling) has been consumed</b>	<b>140.0</b>	<b>1540000.0</b>
ii	b. Labours Charges; Base rate	day	5.7	522	240	1,25,280	<b>40 days Labour for 20 days of Geologist man days</b>	280.0	1,46,160.0
	c. Charges for Geologist per day (HQ)	day	1.3	9,000	45	4,05,000		45.0	4,05,000.0

*Parvalhi*  
11/6/25

*San*  
11/06/2025

	d. Charges for one Sampler per day (1 Party)	one sampler per day		5,100	41	2,09,100		45.0	2,29,500.0
	Labours Charges for sampler work (4 labourers)			522	164	85608		90.0	46,980.0
	<b>Sub Total- A</b>					<b>21,44,988</b>			<b>23,67,640.0</b>
<b>C</b>	<b>Survey work</b>								
a	Surveyor for topographic survey/DGPS Survey and for BH fixation & RL determination(15 BH plus 7 Boundary points)	Per Point of observation	1.6.2	19,200	25	480000	<b>15 BH &amp; 7 Boundary point</b>	<b>22.0</b>	<b>422400.0</b>
b	Charges of Surveyor (1 party) for topographic mapping in 1:4000 scale	one surveyor per day	1.6.1a	8,300	30	249000		30.0	249000.0
c	Labours Charges for survey work(2 labourers)	day	5.7	522	120	62640		120.0	62640.0
	<b>Sub-Total C</b>					<b>7,91,640</b>			<b>734040.0</b>
<b>D</b>	<b>Pitting (44 PIT upto 2 m)</b>	CU M	2.1.2	3,800	100	<b>380000</b>	<b>PITTING COST REMOVED</b>	<b>0.00</b>	<b>0.00</b>
<b>E</b>	<b>DRILLING</b>								
1	Core Drilling (Soft Rock)	m	2.2.3	7,168	200	14,33,600	<b>207m completed+ 50m additional (5BH*Avg depth of 10m)</b>	257.0	1842176.0
2	Land / Crop Compensation (in case the BH falls in agricultural Land)	per BH							

*Parvalhi*  
11/6/25

*San*  
11/06/2025

3	Transportation of Drill Rig & Truck associated per drill (1 rigs)	Km	2.2.8	36	282	10,152		282.0	10152.0
4	Monthly Accommodation Charges for drilling Camp (up to 2 Rigs)	month	2.2.9	50,000	1	50,000	Drilling was commenced on 07 <sup>th</sup> April 2025 and Expected to complete by Second week of June 2025.	2.0	100000.0
5	Drilling Camp Setting Cost	Nos	2.2.9a	2,50,000	1	2,50,000		1.0	250000.0
6	Drilling Camp Winding up Cost	Nos	2.2.9b	2,50,000	1	2,50,000		1.0	250000.0
7	Drill Core Preservation	month	5.3	1,590	180	2,86,200	50m for additional drill meterage	230.0	365700.0
	<b>Sub Total E</b>					<b>22,79,952</b>			<b>2818028.0</b>
<b>G</b>	<b>LABORATORY STUDIES</b>								
1	<b>Chemical Analysis</b>								
v)	<b>BH Core samples</b>								
	Primary + 10 % Check Sample for major oxides and LOI by XRF technique	Nos	4.1.15a	4,200	275	11,55,000	150 core + 100 pit + 25 Check sample	275.0	1155000.0

*Paralhi*  
11/6/25

*San*  
11/06/2025

	b.Primary +check samples For REE ,Ga,V and other Trace elements : by ICPMS	Nos	4.1.13	5,380	55	2,95,900	40 nos. (19 from single BH+21 from 9BH as TOP. Middle and bottom) Samples already analysed for understanding the distribution critical minerals as Suggested by 76th TCC	85.0	457300.0
2	<b><u>Physical &amp; Petrological Studies</u></b>								
i	Preparation of thin section	Nos	4.3.1	2,353	10	23,530		10.0	23530.0
iii	Preparation of polished section	Nos	4.3.3	1,185	10	11,850		10.0	11850.0
ii	petrographic/ore microscopic study	Nos	4.3.4	4,232	20	84,640		20.0	84640.0
v	Digital Photographs	Nos	4.3.7	280	20	5,600		20.0	5600.0
	<b>Sub Total G</b>					<b>15,76,520</b>			<b>1737920.0</b>
H	<b>Total A to H</b>					<b>71,73,100</b>			<b>7657628.0</b>
I	<b>Geological Report Preparation</b>	<b>5 Hard copies with a soft copy</b>	<b>5.2</b>	Exploration cost exceeding 50 lakh but less than 150 lakh : A Minimum of ₹2.5 lakh or 5% of the work whichever is more		<b>3,58,655</b>	Reimbursement will be made after submission of the final Geological Report in Hard Copies (5 Nos) and the soft copy to NMET.		<b>382881.4</b>

*Parvalhi*  
11/6/25

*San*  
11/06/2025

J	Peer review Charges		As per EC decision			30,000			30000.0
K	Preparation of Exploration Proposal (5 Hard copies with a soft copy)	5 Hard copies with a soft copy	5.1	2% of the Cost or Rs. 5.0 Lakhs whichever is less		1,43,462	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.		153152.6
L	Total Estimated Cost without GST					77,05,217			8223662.0
M	Provision for GST (18% of J)					13,86,939	GST will be reimburse as per actual and as per notified prescribed rate		1480259.2
N	Total Estimated Cost with GST					90,92,156			9703921.1
				or Say Rs. In Lakhs		90.92			97.04
Note									
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.								
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement.								
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMET SoC and 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.								

*Parvalhi*  
11/06/25

*Saur*  
11/06/2025

Timeline Extension for Ongoing Projects Approved / Recommended in the 77<sup>th</sup> Meeting of TCC-1

S. No.	Block/Project	Agency	Actual date of completion	Timeline Extension		Approval / Recommendation in 77 <sup>th</sup> TCC-1		
				Extended Timeline	Approving Authority	Timeline	Status	Remarks
1.	Reconnaissance Survey (G4) for polymetallic mineralization (Au, Cu, Ni, Co) in Dharwar Shimoga Schist Belt of Nagavanda area Davangere, Haveri and Shimoga District, Karnataka	KIOCL	26.03.2024	31.12.2024	36 <sup>th</sup> EC	31.07.2025 (2 months)	Recommended to EC	For GR Submission
				31.05.2025	40 <sup>th</sup> EC			
2.	Preliminary Exploration (G3) for Iron and Manganese mineralization in Ramghad Block, Bellari District, Karnataka	Ecomen Mining Pvt. Ltd.	09.06.2025	--	--	09.12.2025 (6 months)	Recommended to EC	For completion of project
3.	Reconnaissance Survey (G4) for Glauconitic sandstone in Parsada -Nawapara-Gurur area (146.27 sq.km), Balod District, Chhattisgarh	MECL	09.06.2025	--	--	09.09.2025 (3 months)	Approved	For completion of drilling and submission of report
4.	Preliminary Exploration (G3) for Limestone in Alda Block, Raipur & Balodabazar- Bhatapara Districts, Chhattisgarh.	DGM Chhattisgarh	27.12.2024	27.03.2025	72 <sup>nd</sup> TCC-1	30.06.2025 (01 months)	Recommended to EC	For GR Submission
				31.05.2025	42 <sup>nd</sup> EC			
5.	Procurement of Ore/Polarizing Microscope with Transmitted/Incident Light and oil immersion objectives.	DMG Karnataka	14.07.2023	29.02.2024	31 <sup>st</sup> EC	15.06.2025 (2.5 months)	Recommended to EC	For completion of procurement
				31.08.2024	35 <sup>th</sup> EC			
				31.03.2025	38 <sup>th</sup> EC			

*P. Parvalhi*  
11/06/25

*San*  
11/06/2025