Only through e-mail

Government of India
Ministry of Mines
National Mineral Exploration Trust

F.No.6/2/2015-NMET/ 227 New Delhi, 27th September, 2023

Subject: Circulation of minutes of 31st meeting of Executive Committee (EC) of National Mineral Exploration Trust (NMET) held on 12th September, 2023

Please find enclosed the minutes of 31st meeting of Executive Committee of NMET held on 12th September, 2023 for your kind perusal.

Action Taken Report on relevant Para may kindly be forwarded to this office.

[Vivek Kumar Sharma]
Director & HoD, NMET

To,

1. The Secretary, Dept. of Atomic Energy, Anushakti Bhawan, C.S.M. Marg, Mumbai- 400001.
2. The Secretary, Ministry of Coal, Shastri Bhawan, New Delhi- 110001.
3. The Secretary, Ministry of Petroleum and Natural Gas, Shastri Bhawan, New Delhi-110001.
4. The Joint Secretary and Financial Advisor, Ministry of Mines, Shastri Bhawan, New Delhi-110001.
5. The Director General, Geological Survey of India, 27, J. L. Nehru Road, Kolkata-700016.
6. The Controller General, Indian Bureau of Mines, 2" Floor, Indira Bhawan, Civil Lines, Nagpur-440001.
7. The Principal Secretary, Mineral Resources Department, Govt. of Madhya Pradesh, Mantralaya, Vallabh Bhawan, Bhopal- 462004.
8. The Principal Secretary, Industries, Energy and Labour Dept. 114 Annex Building Mantralaya, Mumbai- 400032.
9. The Additional Chief Secretary, Department of Mines and Petroleum Main Building Secretariat, Jaipur- 302005.
10. The Additional Chief Secretary, Industries, Investment Promotion and Commerce Dept. Industries Department Secretariat, Chennai- 600009.
11. Shri Alok Sharma, (Retd.) GM & HoD (Exploration), CMPDIL, 402, Lake Garden, Kanke Road, Ranchi- 834008.
12. Shri Naresh Nautiyal, Head (Business Development & Planning) (Retd.), MECL, 109, KT Nagar, Katol Road, Nagpur- 440013.

13. Dr. Yamuna Singh, Scientist-H, Atomic Minerals Directorate for Exploration and Research (Retd.), Flat G-7, Block G, Rainbow Vistas Rock Garden, Opp- IDL, Green Hills Road, Sanathnagar PO, Moosapet, Hyderabad- 500018.

14. Dr. Laxman Singh Shekhawat, Dy. Director General (Retd.), Geological Survey of India, 695 Shanti Nagar (Road No-3), Near Durgapura Railway Station, Durgapura, Jaipur- 302018.

15. Dr. Sahendra Singh, Associate Professor, Department of Applied Geology, Indian Institute of Technology (ISM), Dhanbad- 826004.

Copy to:

1. The Secretary (Mines), Government of Andhra Pradesh.
2. The Secretary (Geology and Mining), Government of Arunachal Pradesh.
3. The Principal Secretary, Department of Mines and Minerals, Government of Assam.
4. The Principal Secretary-cum-Mines Commissioner, Government of Bihar.
5. The Secretary, Mineral Resource Department, Government of Chhattisgarh.
6. The Principal Secretary, Department of Mines and Geology, Government of Goa.
7. The Addl. Chief Secretary (Industries), Government of Himachal Pradesh.
8. The Principal Secretary (Industry and Mines), Government of Gujarat.
9. The Commissioner Secretary (Industries and Commerce), Government of Jammu & Kashmir.
10. The Secretary (Industries, Mines and Geology), Government of Jharkhand.
11. The Secretary, (Industries and Commerce), Government of Karnataka.
12. The Principal Secretary, Industries Department, Government of Kerala.
13. The Secretary, Mineral Resource Department, Government of Madhya Pradesh.
14. The Addl. Chief Secretary (Industries and Mines), Government of Maharashtra.
15. The Commissioner and Secretary, Mining and Geology Department, Government of Meghalaya.
16. The Commissioner & Secretary, Geology and Mining, Government of Nagaland.
17. The Principal Secretary (Steel and Mines), Government of Odisha.
18. The Principal Secretary, Mines and Geology, Government of Punjab.
19. The Principal Secretary (Mines), Government of Rajasthan.
20. The Principal Secretary (Industries), Government of Tamil Nadu.
21. The Principal Secretary (Industries and Mines), Government of Telangana.
22. The Secretary (Mines and Geology), Government of Uttar Pradesh.
23. The Principal Secretary (Mines), Government of Uttarakhand.
24. The Secretary (Industry, Commerce and Enterprises), Government of West Bengal.
25. The Secretary, Department of Industries, Administration of Union Territory of Ladakh.
26. The Principal Secretary, Mines and Geology Department, Government of Sikkim.
27. The Secretary, Department of Industries and Commerce, Government of Tripura.
28. The Secretary, Commerce and Industries, Government of Mizoram.
29. The Secretary, Textiles, Commerce and Industry, Government of Manipur.
30. The Principal Secretary, Department of Mines and Geology, Government of Haryana.

Copy to:

1. The Director, Department of Mines and Geology, Government of Andhra Pradesh.
2. The Director, Department of Geology and Mining, Government of Arunachal Pradesh.
3. The Director, Directorate of Geology and Mining, Government of Assam.
4. The Director, Department of Mines and Geology, Government of Bihar.
5. The Director, Directorate of Geology and Mining, Government of Chhattisgarh.
6. The Director of Mines and Geology, Government of Goa.
7. The Commissioner of Geology and Mining, Government of Gujarat.
8. The Director, Department of Industries, Government of Himachal Pradesh.
9. The Director, Department of Geology and Mining, Government of Jammu and Kashmir.
10. The Director (Mines), Directorate of Mines, Government of Jharkhand.
11. The Director, Department of Mines and Geology, Government of Karnataka.
12. The Director, Directorate of Mining and Geology, Government of Kerala.
13. The Director, Directorate of Geology and Mining, Government of Madhya Pradesh.
14. The Director, Directorate of Geology and Mining, Government of Maharashtra.
15. The Director, Directorate of Mineral Resources, Government of Meghalaya.
16. The Director, Directorate of Geology and Mining, Government of Nagaland.
17. The Director, Directorate of Geology, Government of Odisha.
18. The Director, Directorate of Mines and Minerals, Government of Punjab.
19. The Director, Mines and Geology Directorate, Government of Rajasthan.
20. The Commissioner of Geology and Mining, Government of Tamil Nadu.
21. The Director of Mines and Geology, Government of Telangana.
22. The Director, Directorate of Geology and Mining, Government of Uttar Pradesh.
23. The Director, Geology and Mining Unit, Government of Uttarakhand.
24. The Director, Directorate of Mines and Minerals, Government of West Bengal.
25. The Director, Directorate of Industries and Commerce, Government of Ladakh.
26. The Director, Department of Mines, Minerals and Geology, Government of Sikkim
27. The Director, Department of Industries and Commerce, Government of Tripura
28. The Director, Directorate of Geology and Mineral Resource, Government of Mizoram.
29. The Director, Department of Trade, Commerce and Industries, Government of Manipur.
30. The Director, Department of Mines and Geology, Government of Haryana.

Copy to:

1. Deputy Director General & Chairman TCC-NMET (GSI Bangalore 560078).

2. The Director, AMD, Department of Atomic Energy, AMD Complex, Begumpet, Hyderabad-500016.

3. The Chairman-cum-Managing Director, MECL, Dr. Babasaheb Ambedkar Bhawan, Seminary Hills, Nagpur-440006.

4. The Chairman-cum-Managing Director, CMPDIL, Gondwana Place, Kanke Road, Ranchi-834031.

5. The Dy. Director General, RSAS, GSI, Vasudha Bhavan, Kumaraswamy Layout, Bengaluru-560078.

6. The Chairman-cum-Managing Director, KIOCL Ltd, Block-II, Koramangala, Sarjapura Road, Bengaluru, Karnataka-560034.

7. The Chairman-Cum-Managing Director, NMDC Ltd., Khanij Bhavan, Castle Hills, Masab Tank, Hyderabad-500028.

8. The General Manager, Telangana State Mineral Development Corporation Limited, H. No.6-2-915, HMWSSB premises, Rear Block, 3rd Floor, Khairatabad, Hyderabad.

9. The Director, Directorate of Geology & Mining, Indirawati Bhawan, Block-4, First & Second Floor Naya Raipur, Chhattisgarh- 492002.

10. The GM (Exploration), OMECL, Govt. of Odisha. Odisha Mineral Exploration Corporation Ltd. 3rd Floor, Boyan Bhawan, Unit-3, Pandit Jawaharlal Nehru Marg, Bhubaneswar- 751001.

11. The Madhya Pradesh State Mining Corporation Ltd., Paryawas Bhawan, Block 'A', IInd floor, Jail Road, Arera Hills, Bhopal, Madhya Pradesh-462011.

12. The Director (Dept. of Mines & Geology), Govt. of Telangana, DRDK Building, Tank Bund Road, Hyderabad-500022.

13. The Chief Executive Officer, Mineral Exploration Research and Innovation Trust (MERIT), Department of Mines & Geology, 6th Floor, B-Wing, Sri Anjaneya Towers, Ibrahimpatnam, District: Krishna-521456.

14. The Managing Director, Odisha Mining Corporation, OMC House, Bhubaneswar-751 001.

Copy for information to:

1. PSO to Secretary/PPS to AS(SL)/PS to JS&FA, Ministry of Mines, Shastri Bhawan, New Delhi-110001.

Ministry of Mines
National Mineral Exploration Trust

Minutes of the 31th Executive Committee (EC) meeting of National Mineral Exploration Trust (NMET) held on 12th September 2023 at New Delhi

The 31st meeting of Executive Committee (EC) of NMET was held under the Chairmanship of Shri V. L. Kantha Rao, Secretary, Mines on **12th September 2023** at Shastri Bhawan in hybrid mode. The list of participants is given in **Annexure-1.**

Shri Sanjay Lohiya, Additional Secretary, Mines and Member Secretary, EC welcomed all the participants in the meeting.

Shri Vivek Kumar Sharma, Director & HoD, NMET presented the agenda points for the meeting. The details of the agenda points discussed and decisions taken in the meeting are given below:

Agenda 31.1: Approval of minutes of 30th meeting of EC held on 6th June, 2023

The minutes of the 30th EC meeting was circulated on 19th June, 2023. No comments were received from the members

Decision of EC: EC approved the minutes of the 30th Executive Committee (EC) meeting of National Mineral Exploration Trust (NMET) held on 6th June 2023 at Kolkata**.**

EC asked CMPDI to pursue with the Government of Jharkhand for the consent letter for the two proposals- *"Preliminary Exploration (G3) for Magnetite and associated minerals in Pipradih area, Giridih District, Jharkhand*" and *"Preliminary Exploration (G3) for Bauxite in the Bangala Pat Block District - Lohardaga, Jharkhand"* of CMPDI which was deferred in the 30th EC due to non-receipt of consent from the state.

(Action: CMPDI)

Agenda 31.2: Action Taken Report (ATR) for minutes of 30th EC meeting held on 6th June, 2023

Shri Vivek Kumar Sharma, Director & HoD, NMET presented the ATR on minutes of the of the 30th EC meeting held on 6th June 2023. EC was informed that necessary action has been taken on decisions of the minutes of 30th EC meeting and issued 18 Sanction orders and 24 Office Memorandums. There were 49 actionable points in the 30th EC out of which 46 have been completed.

Decision of EC: EC accepted the action taken reports for minutes of the 30th EC meeting.

Agenda 31.3: Multi-Sensor Aero-geophysical Survey over Obvious Geological Potential (OGP) Block 7 [Agency: GSI]

EC was informed that OGP Block-7 has an area of 56,664 sq.km with 2,07,768 Line km. located in parts of Karnataka, Maharashtra & Goa and received the administrative approval on 17.01.2023 from Ministry of Mines.

Accordingly, the tender was floated on 03.02.2023 by GSI on GeM portal for engaging Principle Implementing Agencies (PIAs) to carry out Aero-geophysical Surveys.

GSI sought approval for the project for an amount of ₹35,74,52,623/- (Rupees Thirty Five Crore Seventy Four Lakh Fifty Two Thousand Six Hundred and Twenty Three only) inclusive of 18% GST to carry out aerogeophysical surveys over OGP Block-7 by engaging the consortium of M/s McPhar International Pvt. Ltd. Mumbai (Lead Partner) with M/s Xcalibur Aviation (Australia) Ptv. Ltd, Xcalibur Multiphysics Group S.L., Spain and M/s Geovale Services Pvt. Ltd., India with project duration of 27 months.

The TCC in its 54th meeting recommended OGP Block-7 (56,664 sq.km. with 2, 07,768 Line km) with time duration of 27 months for an amount of ₹ 35,74,52,623/-inclusive of 18% GST.

Accordingly, Secretary, Mines & Chairperson, EC approved the project Multi-Sensor Aero-geophysical Survey over Obvious Geological Potential (OGP) Block 7 for an amount of ₹ 35,74,52,623/- (Rupees Thirty Five Crore Seventy Four Lakh Fifty Two Thousand Six Hundred and Twenty Three only) inclusive of 18% GST.

The Office Memorandum (OM) for financial sanction for Multi Sensor Aero-geophysical Survey over OGP Block-7 was issued on 05.07.2023.

EC Decision: EC ratified sanction of ₹ 35,74, 52,623/- (Rupees Thirty Five Crore Seventy Four Lakh Fifty Two Thousand Six Hundred and Twenty Three only) inclusive of 18% GST for Aero-geophysical Survey over Obvious Geological Potential (OGP) Block 7 .

Agenda 31.4: Time extension for Multi-Sensor Aero-geophysical Survey over Obvious Geological Potential (OGP) Block 5, Block 7, Block 9, Block 10 & Block 12 [Agency: GSI]

Multi-Sensor Aerogeophysical surveys over OGP Blocks 5, 9, 10 & 12 were approved by Executive Committee (EC) of NMET in its 30th meeting held on 06.06.2023 and the project for Multi-Sensor Aerogeophysical surveys over OGP Block 7 was approved by Secretary (Mines) on 05.07.2023.

GSI has requested extension of timeline stating that "*the time extension is required to cover the additional time involved due to split season data acquisition with monsoon break and to cover the time between date of sanction and actual date of signing of the contract*"

Comparative statement for time extension required by GSI for completion of the work in said OGP block is mentioned below:

OGP Block	Time line Sanctioned by NMET up to	Time period mentioned in tender document (post signing MoA)	Date of Signing of MoA	Due date after Signing of MoA as per tender document	Time extension approved
(1)	(2)	(3)	(4)	(5)	(7)
Block 5	30.04.2024	20 months	30.06.2023	28.02.2025	**28.02.2025**
Block 7	31.03.2025	22 months	11.08.2023	30.06.2025	**30.06.2025**
Block 9	31.03.2025	22 months	03.08.2023	30.06.2025	**30.06.2025**
Block 10, 12	31.03.2025	34 months	11.08.2023	30.06.2026	**28.02.2026**

Secretary, Mines & Chairperson, EC approved the timeline extension over Obvious Geological Potential (OGP) Block 5, Block 7, Block 9, Block 10 & Block 12 as mentioned in table above. Accordingly, OM was issued on 17.08.2023.

Further, Secretary, Mines & Chairperson, EC opined that NMET Rules may be amended to include the clause for *" Ratification of Projects by EC "* in case of urgency.

Decision of EC: EC ratified of timeline extension over Obvious Geological Potential (OGP) Block 5, Block 7, Block 9, Block 10 & Block 12 as given in table above.

Agenda 31.5: Empanelment of experts for External Peer Reviewer of mineral exploration reports

The EC was informed that in the 3rd EC meeting held on 25th October 2016, 09 experts were empanelled for external peer review of the geological reports submitted by exploration agencies. The details of the same are as follows:

S. No.	Name and Designation	Work Experience
1	Shri K. Shashidharan, Dy. Director General (Retd.), GSI	Mineral Exploration in Gold, Diamond in Southern India as per GSI, OCBIS record.
2	Shri N. K. Kavadia, VP (Retd.), Hindustan Zinc Ltd.	Mineral Exploration in basemetal and associated minerals in Rajasthan
3	Shri T. Rajesham, Director (Retd.), GSI	Geological mapping- Granite, dimension stone and Mineral Exploration in Limestone, Kimberlite, REE as per GSI, OCBIS record.
4	Dr. Pratip Gupta, Director (Retd.), GSI	Geological mapping and Mineral Exploration in basemetal in Rajasthan as per GSI, OCBIS record.
5	Shri P. S. Parihar, Director (Retd.), AMD	Mineral Exploration in Uranium and REE.
6	Shri M. K. Roy, Addl. Director (Retd.), AMD	Mineral Exploration in Uranium and REE.

7	Dr. Bhabesh Chandra Sarkar, Prof IIT-ISM, Dhanbad	Professor in Mineral Exploration, ISM Dhanbad
8	Shri D. K. Rai, Dy. Director General (Retd.), GSI	Mineral Exploration in basemetal and associated mineral in Rajasthan as per GSI, OCBIS record.
9	Shri H. S. Srivastava, Dy. Director General (Retd.), GSI	Geological mapping and Mineral Exploration as per GSI, OCBIS record.

Shri Vivek Kumar Sharma, Director & HoD, NMET informed EC that the external peer reviewers shall examine and evaluate the final report on exploration projects submitted by various exploration agencies to ensure quality of work and adequacy of data. Hence, the list od peer reviewers needed to be upgraded to include experts of various commodities as the number of projects sanctioned by NMET has been increasing over the years.

As per the recommendations from GSI, AMD, MECL, CMDPI and Chairman TCC, Secretary, Mines & Chairperson EC approved the list of 29 peer reviewers who have knowledge and expertise in various commodities as follows:

S. No.	Name and Designation	Expertise/Experience
1	Shri Sarat Kumar Jena, Dy. Director General (Retd.), GSI	Iron/ Manganese
2	Shri C.R. Dash, Director (Retd.), GSI	Iron & Manganese
3	Dr. S.K. Biswas, Director (Retd.), GSI	Gold
4	Shri K. Koteswara Rao, Dy. Director General (Retd.), GSI	Gold
5	Shri G.N. Dwivedi, Addl. Director General (Retd.), GSI	Gold
6	Shri K. Shashidharan, Dy. Director General (Retd.), GSI	Gold, Tungsten, REE
7	Dr. B.P. Raturi, GM (Retd.), MECL	Gold, REE, Basemetal, Iron, Bauxite
8	Dr. Kamlakaram Saripalli, GM (Retd.) MECL	Gold, Copper & Coal
9	Shri Binod Kumar, Dy. Director General (Retd.), GSI	Basemetal/ Gold
10	Shri R. N. Singh, Director (Retd.), GSI	Basemetal
11	Dr. Rajgopal Mohanty, Addl. Director (Retd.), AMD	Basemetal
12	Shri I.R. Kirmani, Addl. Director General (Retd.), GSI	Gold & Basemetal
13	Shri Jayant Kumar, DGM (Retd.) MECL	Basemetal, Gold, Bauxite
14	Shri J Narayana Moorthy, DGM (Retd.) MECL	Iron, Gold, Basemetal, Manganese
15	Dr. P.R. Golani, Dy. Director General (Retd.), GSI	Basemetal/ REE
16	Shri B. B. Sharma, Director (Retd.), GSI	REE/ Airborne Geophysical Survey
17	Dr. A.K. Chaturvedi, Addl. Director (Retd.), AMD	REE & RM, Beach Sand Minerals
18	Shri Pramod Kumar, Ex-Additional Director, AMD	REE & Rare Metals
19	Shri K. Ramesh Kumar,Ex-Additional Director, AMD	REE & Rare Metals
20	Shri Sandeep Hamilton,Ex-Additional Director, AMD	REE & Rare Metals
21	Shri M. Mohan, Addl. Director General (Retd.),	Tungsten

	GSI	
22	Dr. N.P. Nathan, Dy. Director General (Retd.), GSI	Ni & PGE
23	Shri Ajaya Kumar Mohanty, GM (Exploration) (Retd.), CMPDI	Coal & Lignite
24	Dr Bharat Singh Jodha, Dy. Director General (Retd.), GSI	Coal & Lignite
25	Dr A.K. Panda , Ex GM (Exploration), CMPDIL	Coal
26	Shri Bharat Kumar Gazarasan, Ex GM (Geology), CMPDIL	Coal
27	Shri Arjun Hembrom, GM (Exploration), CMPDIL	Coal
28	Dr. G. Lakshminarayana, Director (Retd.) GSI	Coal and other Bedded Sedimentary deposits (Evaporites,Phospharites,Limestone etc.)
29	Dr S.S. Nayak, Dy. Director General (Retd.), GSI	Diamonds & Gemstones

Accordingly, the Office Memorandum (OM) was issued on 17.08.2023.

Secretary, Mines & Chairperson, EC directed to include experts from academia and private sector in the list of external peer reviewers

Decision of EC: EC ratified the list of 29 peer reviewers and instructed to also include experts from academia like IIT-ISM, Dhanbad as external peer reviewers.

(Action : NMET)

Agenda 31.6: Timeline Extension of NMET funded exploration projects of DGM Assam and CMPDI

TCC- NMET had recommended timeline extension of 12 months in respect of the 03 projects implemented by DGM Assam and 08 months in respect of Reconnaissance survey for coal in Pawanchora Central Block, Wardha Valley Coalfield and 06 months in respect of Preliminary Exploration for Coal in West of Chano-Rikba Coal Block implemented by CMPDI.

S. No.	Block/Project	Agency	Schedule date of completion	Required timeline (up to)	Reason for Delay
1	Reconnaissance survey (G4) for Limestone in Voteranlagso area of West Karbi, District – Anglong, Assam	DGM Assam	24.03.2023	24.03.2024 (12 months)	Statutory Clearances & Monsoons
2	Reconnaissance survey (G4) for Iron ore in Lengupara area District – Goalpara, Assam	DGM Assam	24.03.2023	24.03.2024 (12 months)	Statutory Clearances & Monsoons
3	Reconnaissance survey (G4) for Sillimanite in samelangsu area, District – Karbi-Anglong, Assam	DGM Assam	24.03.2023	24.03.2024 (12 months)	Statutory Clearances & Monsoons

4	Reconnaissance Survey for Coal in Pawanchora Central Block, Wardha Valley Coalfield, District: Chandrapur, Maharashtra..	CMPDI	31.05.2023	31.01.2024 (08 Months)	Delay in tendering due to GeM issue
5	Preliminary Exploration for Coal in West of Chano-Rikba Coal Block, North Karanpura Coalfield, District: Hazaribagh, Jharkhand	CMPDI	01.06.2023	01.12.2023 (06 Months)	Delay due to local Law & Order issue

The Executive Committee (EC) of NMET in its 30th meeting held on 06th June, 2023 directed HoD, NER, GSI to submit an enquiry report for delay in projects by DGM Assam and directed CMPDI to submit a report justifying the delay in case of Pawanchora Central Block and Chano-Rikba Coal Block.

In view of the detailed report submitted by HoD, NER,GSI in respect of DGM Assam and report submitted by Ministry of Coal in respect of CMPDI, Secretary (Mines) and Chairperson, EC accorded timeline extension for the 5 projects mentioned in table above on 22.07.2023.The OM in this regard was issued on 26.07.2023

EC Decision: EC ratified the Timeline Extension in respect of 3 projects of DGM Assam and 2 projects of CMPDI .

Agenda 31.7: Modification in Schedule of Charges (SoC) of NMET with Enhancement of Incentive for Mineral Exploration in base metals, other precious minerals, strategic/ critical minerals and fertilizer minerals

EC was informed that considering the high risk involved in exploration activity, it is pertinent to provide attractive and innovative incentives to attract exploration companies.

The Schedule of Charges (SoC) of NMET has provision for Exploration Incentive (EI).The Para 6 (i) of SoC is as given below:

Exploration Incentive (EI): *An Exploration Incentive (EI) of 10% of the approved cost of the project for G4 items in Greenfield areas for gold, base metals, other precious minerals, strategic/ critical minerals and fertilizer minerals (Ref. Table-2) will be paid if the block is upgraded from G4 to G3 Stage subject to approval of Executive Committee, NMET. The Exploration Incentive (EI) will be paid on the cost of G4 work completed by the implementing agencies. Such incentive will not be applicable for other category of mineral commodities.*

It was proposed that the Exploration Incentive (EI) of 10% mentioned in Para 6 (i) of SoC may be enhanced to 25% to encourage more projects for gold, base metals, other precious minerals, strategic/ critical minerals and fertilizer minerals in the country, if successfully auctioned or upgraded.

EC Decision: EC accorded approval to modify the existing Para 6 (i) of SoC with the following:

"*Exploration Incentive (EI): An Exploration Incentive (EI) of **25%** of the approved cost of the project for G4 items in Greenfield areas for gold, base metals, other precious minerals, strategic/ critical minerals and fertilizer minerals (Ref. Table-2) will be paid if the block is **successfully auctioned** or upgraded from G4 to G3 Stage subject to approval of Executive Committee, NMET. The Exploration Incentive (EI) will be paid on the cost of G4 work completed by the implementing agencies. Such incentive will not be applicable for other category of mineral commodities*."

Agenda 31.8: Additional directives on the "*Penalty to be imposed on Exploration agencies for delay in execution of projects*"

EC was informed that NMET had issued Office Memorandum (6/2/2015-NMET/156) dated 12.07.2023 regarding Penalty to be imposed on Exploration agencies for delay in execution of projects.

It is proposed that in addition to the penalty with regard to delay of projects, a scheme to incentivize early completion of projects may also be included in the OM as additional directives.

Accordingly the following was proposed for approval of EC:

I. 2% incentive (of the approved project cost) per month for early completion of the project for each full month.
II. TCC will examine whether the project is eligible for providing the incentive during final review of the project and recommend the proposals to EC whether incentive can be given or not.

EC Decision: EC directed NMET Secretariat to prepare a comprehensive proposal on the Penalty and Incentives to EAs' for NMET funded Exploration Projects .The same may will be submitted to Secretary, Mines & Chairperson , EC before putting up in the next EC meeting .Till then, the OM dated 12.07.2023 will be kept in abeyance.

(Action: NMET)

Agenda 31.9: Guidelines for Additional costing for procurement of Machinery/Equipment/Softwares through NMET fund

EC was informed that NMET has approved Financial Assistance for procurement of Machinery/Equipment/Software to 19 State governments. However, during the tendering process it was reported by many states that the cost of some of the machinery/equipments/softwares exceeds the upper ceiling limit of the NMET approved cost.

Considering the above, the following was proposed:

a. During the tendering process, if the variation in the cost of one or more items (machinery/equipment/software) does not lead to exceeding the total approved cost for procurement of all the machinery/equipment/software to the State, then TCC may

approve the enhanced /modified cost of the items (machinery/equipment/software) if the TCC is convinced that specification of the items and process of procurement is justified.

b. In cases where the variation in the cost of one or more items (machinery/equipment/software) lead to exceeding the total approved cost for procurement of all the machinery/equipment/software to the State during the tendering, then TCC may recommend the proposal to EC for approval if the TCC is convinced that specification of that items and process of procurement is justified.

Smt. Nirupama Kotru, JS& FA , Ministry of Mies & Coal opined that if the overall cost of the approved procurement proposal has not been increased , the TCC may approve the additional amount per item and this will be put up in EC for information .

EC Decision: EC approved the following with regard to Additional costing for procurement of Machinery/Equipment/Softwares through NMET fund:

a. During the tendering process, if the variation in the cost of one or more items (machinery/equipment/software) does not lead to exceeding the total approved cost for procurement of all the machinery/equipment/software to the State, then TCC may approve the enhanced /modified cost of the items (machinery/equipment/software) if the TCC is convinced that specification of the items and process of procurement is justified. The same will be informed in the next EC meeting of NMET.

b. In cases where the variation in the cost of one or more items (machinery/equipment/software) lead to exceeding the total approved cost for procurement of all the machinery/equipment/software to the State during the tendering, then TCC may recommend the proposal to EC for approval if the TCC is convinced that specification of that items and process of procurement is justified.

(Action: NMET)

Agenda 31.10: Modification of Cost for Ash Analysis in SoC

CMPDI has communicated that the ash analysis charges for coal samples in Schedule of Charges (SoC) of NMET at Sl.no 4.2.25 is ₹335/-. However, the actual charges for the ash analysis is Rs 13,664/. CMPDI submitted the same document in support of their clain which was presented by them during the formulation of SoC.

TCC recommended that EC may approve the modification for the cost of Ash analysis to ₹13664/- (Rupees thirteen thousand six hundred sixty four only) in the SOC at Sl.no 4.2.25.

Secretary Mines & Chairperson, EC opined that there is a huge difference in the present SoC rate and proposed rate for Ash Analysis. He directed CMPDI to submit the breakup of the cost involved in the Ash analysis. Further, Chairperson, EC directed GSI to submit the details of Ash analysis and the packages involved along with the cost involved within 15 days.

EC decision: EC has deferred the proposal and directed DG, GSI to submit the details of Ash Analysis package within 15 days.

(Action: CMPDI/GSI/NMET)

Agenda 31.11: Alternate Area for carrying out TDEM Heliborne Survey [Agency: GSI]

EC was informed that GSI received Administrative Approval and Financial Sanction from MoM on 05.01.2023 to carry out Heliborne survey over an area of 3,354 sq km with a total of 24,595 Line Km and received the financial Sanction from NMET on 13.02.2023 for total cost of ₹26,77,55,531/-(Rupees twenty six crore seventy seven lakh fifty five thousand five hundred thirty one only).

However, AMD, Hyderabad had already carried out TDEM heliborne surveys over one of the GSI proposed area - Bijawar area (covering 731 sq. km.) in M.P. In order to avoid duplication, AMD, Hyderabad has agreed to share the data with GSI.

In view of above, GSI submitted proposal for identified area of 731 sq.km. (5361 Line Km) in lieu of the overlapping area with AMD, with an estimated cost of ₹ 5,83,62,976 (inclusive of 18% GST). The new proposed areas are:

- Area 1: H3-3 (Kadri Schist Belt) to be increased from 351 Sq. km. to 682 Sq. km. New area added for 331 Sq. Km only.
- Area 2: H3-2 (New area identified between Kolar and Ramgiri-Penakacherla schist belt) new area added for 400 Sq. km.

Further, Shri. Janardan Prasad, DG, GSI & Member, EC informed that there will not be any cost escalation due to change in area.

EC Decision: EC approved the following:

- Reduction of 731 sq. km. (5361 Line Km) costing ₹ 5,83,62,976/- (inclusive of 18% GST).The modified project cost will be ₹ 20,93,92,555/- (Rupees twenty crore ninety three lakh ninety two thousand five hundred fifty five only) inclusive of 18% GST for 2623 sq.km with 19,234 Line km.
- Alternate area of 731 sq.km (5361 Line Km) as a fresh proposal submitted (Area 1: H3-3 &Area 2: H3-2) with costing ₹ 5,83,62,976/- (Rupees five crore eighty three lakh sixty two thousand nine hundred seventy six only) inclusive of 18% GST.

(Action: NMET)

Agenda 31.12: Additional cost for the projects "Preliminary exploration (G3) for Potash in Lakhasar East block, Lakhasar-Sub Basin, North Western Part of Rajasthan, Bikaner, Rajasthan and"Preliminary Exploration (G3 stage) for Potash in Bharusari North Block

(10 sq. km.), Northwestern Part of Rajasthan, District: Hanumangarh, Rajasthan. [Agency: MECL]

EC was informed that the project "Preliminary exploration (G3) for Potash in Lakhasar East block, Lakhasar-Sub Basin, North Western Part of Rajasthan, District: Bikaner, Rajasthan" was approved in 28th EC with an estimated cost of Rs. 15.51 Cr with time duration of 18 months and the project "Preliminary Exploration (G3 stage) for Potash in Bharusari North Block (10 sq. km.), Northwestern Part of Rajasthan, District: Hanumangarh, Rajasthan." was approved in 29th EC with an estimated cost of ₹739.70 Lakh (including GST) and timeline of less than 6 months. Further , an additional amount of ₹57.363 Lakh was approved in the 30th EC of NMET on 06.06.2023.The total cost of project is ₹797.06 Crore (including GST)).

MECL conveyed that during the review meeting on Potash exploration in Nagaur-Ganganagar basin, Rajasthan held on 21.06.2023 , chaired by Secretary, MoM, MECL was directed to work out the respective proportions of Sylvite and polyhalite in the deposits in ongoing projects which would facilitate to take decision on establishment of pilot plant for extraction of potash minerals. To achieve this objective, following steps were suggested:

a. Precise geophysical interpretation on presence of mineral band in all the borehole.
b. Primary samples to be drawn in very small intervals, i.e., 50 cm to avoid dilution of mineral phases.
c. All the primary samples to be subjected to XRD study to identify the dominant mineral phase of that particular sample.

Hence, MECL sought approval of additional ₹ 2,80,94,797/-(including GST) in Lakhasar East block and approve ₹2,05,49,098/-(including GST) against Bharusari North Block.This was recommended by TCC.

EC Decision: EC approved the following:

- Additional quantum of work with additional cost of ₹ 2,80,94,797/- (Rupees Two Crore, Eighty Lakh, Ninety Four Thousand Seven Hundred Ninety Seven Only) including GST for the project "Preliminary exploration (G3) for Potash in Lakhasar East block, Lakhasar-Sub Basin, North Western Part of Rajasthan, District: Bikaner, Rajasthan."
- Additional cost of ₹ 2,05,72,698/-(Rupee Two Crore Five Lakh Seventy Two Thousand Six Hundred Ninety Eight Only) including GST for the project "Preliminary Exploration (G3 stage) for Potash in Bharusari North Block (10 sq. km.), Northwestern Part of Rajasthan, District: Hanumangarh, Rajasthan".

(Action: NMET)

Agenda 31.13. Additional Cost & Extension of Timeline for Procurement of Ore/Polarizing Microscope [Agency: DMG, Karnataka]

EC was informed that 25th EC meeting held on 29.06.2022 approved procurement of Ore/Polarizing Microscope for DGM Karnataka for an estimated cost of ₹25 Lakh with

scheduled timeline of 12 months. The estimated date of completion of procurement was 14.07.2023.

DMG Karnataka had constituted a committee for finalization of specification of ore/polarizing microscope and the selected microscope will cost around ₹37 lakhs.

Hence, TCC recommended EC for enhancement of cost for procurement of ore/polarizing microscope from ₹25 Lakh to ₹ 37 Lakh with time extension upto 29.02.2024.

EC Decision: EC approved enhancement of cost for procurement of ore/polarizing microscope from ₹25 Lakh to ₹ 37 Lakh (excluding GST) with time extension upto 29.02.2024.

(Action: NMET)

Agenda 31.14: Proposal for funding allocation for geochemical analysis of 9932 GGCMP sample [Agency: CGM, Gujarat]

EC was informed that the Commissionerate of Geology and Mining(CGM), Gandhinagar, Govt. of Gujarat and Geological Survey of India, State unit: Gujarat, Gandhinagar singed an MOU for cooperation and knowledge sharing between CGM and GSI for speedy coverage of entire Gujarat under the National Geochemical Mapping (NGCM) Programme .

CGM Gujarat informed that a total of 17,680 samples were collected by the CGM for this program. The CGM has already analyzed different packages on these samples. However due to limitations in fund 9932 samples could not be analyzed. But after consultation with GSI officials, CGM again started analysis of 9932 samples in 56 toposheets. A total number of 9932 samples (56 toposheets) will be analyzed through different analytical methods in the Petrography and Mineral Chemistry Laboratory, CGM, Gujarat.

CGM Gujarat requested for allotment of ₹ 22,67,37,628 (Rupees Twenty-two crores sixty-seven lakhs thirty-seven thousand six hundred twenty-eight only) for carrying out analyses of pending samples from the GGCMP survey.

In view of the above, TCC recommended the proposal for funding geochemical analysis of 9932 GGCMP samples as given in table below:

S.No.	Instrument Name	Analyzed Elements	Total Samples	Unit Cost (₹)	Total Cost (₹)
1	XRF	26	9932	4200	4,17,14,400.00
2	ICP-MS	22	9932	7731	7,67,84,292.00
3	ISE	1	9932	2320	2,30,42,240.00
4	DMA	1	9932	1060	1,05,27,920.00
5	Flame AAS	2	9932	2506	2,48,89,592.00
6	Hg-AAS	4	9932	2506	2,48,89,592.00

7	Gf-AAS	3	9932	2506	2,48,89,592.00
				Total Cost	22,67,37,628.00

As the project is part of Ministry of Mines' national baseline mapping endeavor of National Geochemical Mapping Programme(NGCM) the completion of the 9,932 nos of pending chemical analysis from 56 nos toposheets assumes urgency.

Shri. Indra Dev Narayan , CMD, MECL informed that MECL has the capacity to analyse additional 1500 sample per month in addition to its ongoing in-house samples analyses.

Secretary, Mines opined that considering the urgency to complete the analysis by March 2024, half of the samples of GGCMP may be analyzed by MECL.

EC Decision: EC approved the following:

- Geochemical analysis of 4966 GGCMP Samples (approx. 28 toposheets) with estimated cost of ₹ 11,33,68,814/-(Rupees Eleven crore thirty three lakh sixty eight thousand eight hundred fourteen only) excluding GST to MECL with time period upto December, 2023.
- Geochemical analysis of 4966 GGCMP Samples (approx. 28 toposheets) with estimated cost of ₹ 11,33,68,814/- (Rupees Eleven crore thirty three lakh sixty eight thousand eight hundred fourteen only) - excluding GST to CGM, Gujarat with time period upto December, 2023.

(Action: NMET)

Agenda 31.15. Net Present Value (NPV) For Forest Clearance for Boreholes in Kachaldara block (5.60 sq. km), District: Jhabua, Madhya Pradesh. [Agency: MECL]

The project "Preliminary exploration (G3) for phosphorite in Kachaldara East block (5.60 sq. km), District: Jhabua, Madhya Pradesh" was approved in the 27th EC meeting of NMET held on 10th January, 2023 with an estimated cost of ₹ 180.77 Lakhs and 12 months duration. The Sanction order for the project was issued on 03.02.2023.

MECL conveyed that for forest clearance they have applied on 18th March, 2023 and they have received a letter issued for demand of NPV from Forest Division on 13.07.2023 for amount of NPV ₹ 6,14,295/-(Rupees six lakh fourteen thousand two hundred ninety five only). After deposition of NPV a formal letter of permission to take up the boreholes in Forest area will be issued by PCCF, Bhopal. Hence , 55th TCC recommended the amount of ₹ 6,14,295/- towards NPV for obtaining forest permission.

In view of above, the EC opined that NPV is required for forest Clearance to drill boreholes in forest area. In order to avoid any hindrance due to NPV for forest clearance, Chairperson, EC directed all the exploration agencies to pay the NPV amount and then submit the bills for reimbursement from NMET.

EC Decision: EC approved the following:

- ₹ 6,14,295/- (Rupees six lakh fourteen thousand two hundred ninety five only) towards NPV for obtaining forest permission to carry out exploration work.
- Cost of NPV will be reimbursed to exploration agencies on submission of bills.

(Action: NMET)

Agenda 31.16.1 Financial assistance from NMET fund to procure machinery/laboratory equipment/instrument etc. aimed at enhancing the exploration activities [Agency: DGM Nagaland]

The Executive Committee (EC) of NMET in its 28th meeting held on 16th March 2023 approved ₹ 4,40,46,000/ to procure machinery/laboratory equipments/instruments, etc. Further, in its 29th EC meeting held on 31st March 2023 an additional cost of ₹14,25,000/- was approved to DGM Nagaland.

The 29th EC of NMET has approved WD-XRF to DGM Nagaland with an estimated cost of ₹2.00 Crore. Thereafter DGM Nagaland requested for additional amount for procurement for WD-XRF. Considering the ceiling cost approved by NMET, 55th TCC recommended additional amount of ₹20,00,000/- for WD- XRF to DGM Nagaland.

EC Decision: EC directed DGM Nagaland to revise RFP for WD-XRF, call tenders and submit the proposal to EC for approval. The supply order be placed after approval of revised cost by EC.

(Action: NMET)

Agenda 31.16.2 Financial assistance from NMET fund to procure machinery/laboratory equipment/instrument etc. aimed at enhancing the exploration activities [Agency: DMR Meghalaya]

EC was informed that following equipment's have been recommended by the TCC for DMR Meghalaya:

Sl.No	Item	Quantity	Estimated Cost Per Unit (₹) in lakh	Total Estimated Cost (₹) in lakh
1	DGPS	1	16	16
2	Digital Camera	3	1.5	4.5
3	Brunton Compass	10	0.10	1
4	Total Station	2	6.69	13.92
5	Coral Draw	2	0.75	1.5
6	Handheld GPS	5	0.95	4.75
7	Transmitted and reflected light research microscope with software attached camera	1	18.58	18.58
	Total			**60.25**

EC Decision: EC approved ₹ 60.25 lakh (excluding GST) towards procurement of equipment's/ software's for Directorate of Mineral resources, Shillong , Meghalaya with estimated cost of as detailed above, to enhance the exploration activities in the country.

(Action: NMET)

Agenda 31.16.3 Financial assistance from NMET fund to procure machinery/laboratory equipment/instrument etc. aimed at enhancing the exploration activities [Agency: CGM, Gujarat]

EC was informed that following equipment's have been recommended by the 55th TCC for CGM, Gujarat:

Sl.no	Item	Quantity	Estimated Cost Per Unit (₹) in lakh	Total Estimated Cost (₹) in lakh
1	Pulverizer	1	10	10
2	Fume hood	1	15	15
3	Hand held XRF	2	14	28
4	Press pellet machine	1	3.9	3.9
	Total			**56.9**

EC Decision: EC approved ₹ 56.9 lakh (excluding GST) towards procurement of equipment's/ software's for CGM, Gujarat with estimated cost of as detailed above, to enhance the exploration activities in the country.

(Action: NMET)

Agenda 31.17 The details of the all new project proposals recommended for approval of EC are as follows

Agenda 31.17.1: Reconnaissance Survey (G-4 stage) for Phosphorite in Kathyur Block in Dehradun District, Uttarakhand [Agency: MECL]

Shri. Dr. S. Ravi, DDG, GSI and Chairman, TCC presented the technical and financial aspects of the project. He conveyed that the block falls adjacent to the famous phosphorite deposits of Maledevta, Chamsari-Paritibba, Dubra and Mathet, which was explored by GSI.

EC Decision: EC approved the project with an estimated cost of **₹ 64.23 Lakh** (including GST) with time schedule of **08 months**

(Action: NMET)

Agenda 31.17.2: Preliminary Exploration (G3) for Gold in Kakol block, Haveri, Karnataka [Agency: MECL]

Shri. Dr. S. Ravi, DDG, GSI and Chairman, TCC presented the technical and financial aspects of the project. EC was informed that the Kakol Gold Block is one among the 100 geological potential blocks (G4) for auction delineated by GSI and handed over the Geological Memorandum to the State Govt., Karnataka. Joint Working Group (JWG) had asked to explore the block to increase the confidence level in quality and quantity of the resources and investors**.**

EC Decision: EC approved the project with an estimated cost of **₹ 448.27 lakh** (including GST) within time schedule of **12 months**

(Action: NMET)

Agenda 31.17.3: Reconnaissance Survey (G-4) for REE in Kathiwara Block, Alirajpur District, Madhya Pradesh [Agency: MECL]

Shri. Dr. S. Ravi, DDG, GSI and Chairman, TCC presented the technical and financial aspects of the project. EC was informed that NGCM samples show anomalously higher concentration REE over granite gneisses and Godhra Granite.
However, Shri Raghavendra Kumar Singh, PS, MRD, Govt. of Madhya Pradesh expressed his concern over taking up the project due to local agitation. Considering the same , EC decided not to take up the project.

EC Decision: EC deferred the project until favorable local conditions are established.

(Action: NMET)

Agenda 31.17.4: Reconnaissance survey (G4) for Phosphorite, Baryte & REE in Chennar Block (50 sq.km.) Kalburgi dist, Karnataka [Agency: KIOCL]

The project is put on hold on the request of the implementing agency.

(Action: KIOCL)

Agenda 31.17.5: Reconnaissance survey (G4) for Phosphorite, Baryte & REE in Hulkul Block Kalburgi dist, Karnataka [Agency: KIOCL]

The project is put on hold on the request of the implementing agency.

(**Action : KIOCL)**

Agenda 31.17.6: Reconnaissance Survey (G-4 Stage) for Graphite in Dindo-Belkurta-Basera Block, District: Surguja, Chhattisgarh [Agency: DGM Chhattisgarh (M/s. Maheshwari Mining Pvt. Ltd.)

Shri. Dr. S. Ravi, DDG, GSI and Chairman, TCC presented the technical and financial aspects of the project. EC was informed that the samples collected by MMPL showed fixed carbon (FC) values between 0.38 %to 3.37 %.

EC decision: EC approved the project with an estimated cost of **₹ 104.64 Lakh (including GST)** within time schedule of **12 months.**

(Action: NMET)

Agenda 31.17.7: Preliminary Exploration (G-3 stage) for Bauxite in Maleta-Bankodi Block, Devbhumi Dwarka District, Gujarat [Agency: CGM Gujarat]

Shri. Dr. S. Ravi, DDG, GSI and Chairman, TCC informed that G4 stage of exploration by CGM indicates Bauxite occur as pocket deposit in ferruginous laterite. The thickness of bauxite found 1.6 m to 3.58 m. The chemical analysis of the samples shows avg. Al_2O_3 50.23% with SiO_2 4.39%.

Further, EC was informed that the proposed block is surrounded by the operating Bauxite leases and extension of the same lithology.

EC decision: EC approved the project with an estimated cost of **₹ 126.64 lakh** (including GST) within time schedule of **05 months**

(Action: NMET)

Agenda 31.17.8: Preliminary Exploration (G 3 Stage) for Bauxite in Khaharda-Kenedi Block Devbhumi Dwarka District: Gujarat [Agency: CGM Gujarat]

Shri. Dr. S. Ravi, DDG, GSI and Chairman, TCC presented the technical and financial aspects of the project. EC was informed that the proposed block is surrounded by the operating Bauxite leases and extension of the same lithology .

EC decision: EC approved the project with an estimated cost of **₹ 182.59 lakh** (including GST) within time schedule of **05 months**

(Action: NMET)

Agenda 31.17.9: Preliminary Exploration (G3 Stage) of Limestone in Jodhpur-Satarpar Block, Devbhumi Dwarka District, Gujarat [Agency: CGM Gujarat]

Shri. Dr. S. Ravi, DDG, GSI and Chairman, TCC presented the technical and financial aspects of the project. Exploration carried out by CGM in the part of the proposed block in Jodhpur village indicated limestone is of bedded type deposit. The resource estimation was done for cement grade limestone, limestone and marl of 8.05 MT and CaO% varies between 40 to 52%.

CGM Gujarat conveyed that block is also surrounded by several limestone leases.

EC decision: EC approved the project with an estimated cost of **₹ 35.91 lakh** (including GST) within time schedule of **03 months.**

(Action: NMET)

Agenda 31.17.10: Reconnaissance Survey (G4) for Evaluation of Placer Xenotime Prospect in the Ujol River Basin, Gujarat [Agency: CGM Gujarat (M/s Geovale Services Pvt Ltd.)]

Shri. Dr. S. Ravi, DDG, GSI and Chairman, TCC apprised EC that NGCM survey indicate high HREE (>100 ppm) for about half of the samples for the Ujol river catchment areas. Heavy minerals content in stream sand varies from 2.94 to 11.29% by weight. NGCM data include approximately 113 numbers of stream sediment samples within the proposed block. Out of which 15% of the samples has the HREE content more than 100 ppm (maximum is 388.02 ppm) and almost 30% of the data has total REE > 500 ppm (maximum is 4631.07 ppm).Further, Godhra granites are known for Xenotime deposits, presence of paleo-placer may increase the concentration of Xenotime.

EC decision: EC approved the project with an estimated cost of **₹ 192.42 Lakh** (including GST) within time schedule of **12 months.**

(Action: NMET)

Agenda 31.17.11: Preliminary Exploration (G3) for Gold in Salaikana Block (3.98 Sq. Km), District: Keonjhar, Odisha [Agency: OMC]

Shri. Dr. S. Ravi, DDG, GSI and Chairman, TCC informed EC that the area is well known for gold occurrences.Analysis of 95 bulk samples by BGML and GSI labs shows that gold content, in saprolite and bed rock horizon are below 0.1 ppm and 0.5 ppm.

Out of the 100 historic samples 27 samples exhibited gold values for traces to 67.6 g/t. The area bears one drillhole (79.59m) with positive gold values of 0.3 g/t and 0.6 g/t. Gold values of 0.6 and 0.3 g/t have been obtained by fire assay from amphibolite with bands of vein quartz at depth from 58.0 – 59.74m an 72 to 73.5 m respectively. The fire assay results of pitting and trenching shows gold values upto 4.6 g/t gold

EC decision: EC approved the project with an estimated cost of **₹ 201.99 lakh** (including GST) within time schedule of **12 months**

(Action: NMET)

Agenda 31.17.12: Preliminary Exploration (G3) for Gold in Dimirimunda Block (5 Sq. Km), District- Keonjhar, Odisha [Agency: OMC]

Shri. Dr. S. Ravi, DDG, GSI and Chairman, TCC presented the technical and financial aspects of the project. Study in the area by DoMG, Odisha study indicated that trench samples confirmed the presence of persistant Quartz veins without striking any gold occurrences. However the rock chip samples collected over the area yielded 18.9 gm/tonne. The study by M. A Karim and N. K Sahu from GSI, chemical analyses data revealed that the gold content in the volcanic is suite highly erratic and values range from 50 ppb to 260 ppb.

EC decision: EC approved the project with an estimated cost of **₹ 201.99 lakh** (including GST) within time schedule of **12 months.**

(Action: NMET)

Agenda 31.17.13: Reconnaissance Survey (G-4) for PGE, Gold& REE in Maneri-Sitapala Block, Balaghat District, MP [Agency: DGM Madhya Pradesh [M/s. Gemcokati Exploration Pvt. Ltd]

Shri. Dr. S. Ravi, DDG, GSI and Chairman, TCC presented the technical and financial aspects of the project . EC was informed magnetite gabbro samples analyzed show PGE values ranged from 0.23 to 0.25ppm. Sampling in Magnetitite-bearing gabbro/basalt zone show PGE values ranged from 0.12ppm to 0.49ppm.

EC decision: EC approved the project with an estimated cost of **₹ 64.92 lakh** (including GST) within time schedule of **8 months**

(Action: NMET)

Agenda 31.17.14: Reconnaissance survey (G4) for Iron, Manganese and associated minerals in Tikariya Block, Districts: Katni, State: Madhya Pradesh (50.00 sq.km.) [Agency: MECL]

Shri. Dr. S. Ravi, DDG, GSI and Chairman, TCC informed EC that several active Mines of Iron and Manganese are present in the close vicinity of the block .Samples analysed by MECL show Fe values ranging from 52.88 to 60.15 %.

EC decision: EC approved the project with an estimated cost of **₹ 221.84 Lakhs** with time schedule **10 months**

(Action: NMET)

Agenda 31.17.15: Reconnaissance For Gold, REE and RM Mineralization In Kharightta Block (50 sq.km.) Mandya dist, Karnataka [Agency: KIOCL]

Shri. Dr. S. Ravi, DDG, GSI and Chairman, TCC informed that geologically, the area is potential for gold and basemetal especially copper mineralisation in the volcano sedimentary sequence of Yediyur formations.Indications for Gold mineralization are noticed only in Banded iron formation located at the central and eastern part of the block.

The EC members opined that the agency need to supplement additional analytical data for justifying the proposal in G4 level. In view of the above , KIOCL informed that the data will be submitted within 20 days to NMET.

EC decision: EC deferred the project until after the results of additional analytical data.

(**Action : KIOCL)**

Agenda 31.17.16: Reconnaissance Survey for REE Exploration in Bhuj Clay Prospect Block, Kachchh District: Gujarat (252 sq.km) [Agency: CGM Gujarat (M/s Geovale services Pvt Ltd.)]

Shri. Dr. S. Ravi, DDG, GSI and Chairman, TCC presented the technical and financial aspects of the project . EC was informed that Kachchh Geochemical Mapping Program (KGCMP)

indicated high concentration of both LREE and HREE. Highest LREE concentration is 37959 ppm and HREE concentration is 1965 ppm

EC decision: EC approved the project with an estimated cost of **₹ 122.280 Lakhs** with time schedule **12 months**

(Action: NMET)

Agenda 31.18 : Extension of timeline for ongoing projects recommended by TCC

Agenda 31.18.1: Preliminary exploration (G3) for coal in Gurwani block, Main Basin, Singrauli Coalfield, District: Singrauli, Madhya Pradesh [Agency: CMPDI]

EC was informed that the 54th TCC committee recommended timeline extension of 6 months up to 25.12.2023 due to delay in receipt of forest clearance for the project.

EC Decision: EC approved for the timeline extension for 6 months up to 25.12.2023.

(Action: NMET)

Agenda 31.18.2: Preliminary exploration (G3) for coal in East of Chuperbhita block, Rajmahal Coalfield, District:Godda, Jharkhand [Agency: CMPDI]

EC was informed that the 54th TCC committee recommended timeline extension of 6 months up to 31.12.2023 due to Law & Order issue in the area.

EC Decision: EC approved for the timeline extension for 6 months up to 31.12.2023.

(Action: NMET)

Agenda 31.18.3: Reconnaissance Survey for PGE, Nickel, Cobalt & Gold in Rangapura Block in Hassan District, Karnataka [Agency: MECL]

EC was informed that the 54th TCC committee recommended timeline extension of 7 months up to 24.10.2023 to carry out drilling in the project.

EC Decision: EC approved for the timeline extension for 7 months up to 24.10.2023.

(Action: NMET)

Agenda 31.18.4: Reconnaissance Survey for Copper in Bagwari-Sukwari Block (141.75 sq. km) in Sidhi District, Madhya Pradesh [Agency: MECL]

EC was informed that the TCC committee recommended timeline extension of 10 months up to 06.11.2023 to carry out drilling in the project.

EC Decision: EC approved for the timeline extension for 10 months up to 06.11.2023.

(Action: NMET)

Agenda 31.18.5: Reconnaissance Survey for Base metals & REE in Temi-Tarku-Damthong Block in East Sikkim District, Sikkim [Agency: MECL]

EC was informed that the 54th TCC committee recommended timeline extension of 10 months up to 24.03.2024 due to delay in receipt of forest clearance for the project.

EC Decision: EC approved for the timeline extension for 10 months up to 24.03.2023.

(Action: NMET)

Agenda 31.18.6: Procurement of 11 Number of Gravimeters, Magnetometers and DGPS Units [Agency: GSI]

EC was informed that the 54th TCC committee recommended timeline extension of 12 months up to 14.07.2024 due to Cancellation of Bids (Tender floated together) for the procurement..

EC Decision: EC approved for the timeline extension for 12 months up to 14.07.2024.

(Action: NMET)

Agenda 31.18.7: Procurement of 24 sets of Gravimeters, Magnetometers and DGPS Units [Agency: GSI]

EC was informed that the 54th TCC committee recommended timeline extension of 5 months 7 Days up to 14.07.2024 due to Cancellation of Bids (Tender floated together) for the procurement

EC Decision: EC approved for the timeline extension for 5 months 7 Days up to 14.07.2024.

(Action: NMET)

Agenda 31.18.8: Preliminary Exploration (G-3 stage) for Limestone in Periyakurichi Block (1.88 sq. km) in Ariyalur District, Tamil Nadu [Agency: MECL] Shri. Dr. S. Ravi, DDG, GSI and Chairman TCC

EC was informed that the 55th TCC committee recommended timeline extension of 1.5 months up to 15.08.2023 for submission of Report of the project.

EC Decision: EC approved for the timeline extension for 1.5 months up to 15.08.2023.

(Action: NMET)

Agenda 31.18.9: Preliminary Exploration (G-3 stage) for Phosphorite in Pahadi Kalan-Gora Kalan Block in Lalitpur District, Uttar Pradesh [Agency: MECL]

EC was informed that the 55th TCC committee recommended timeline extension of 2.5 months up to 15.08.2023 for submission of report .

EC Decision: EC approved for the timeline extension for 2.5 months up to 15.08.2023.

(Action: NMET)

Agenda 31.18.10: Reconnaissance Survey (G-4) for Emerald in Rajgarh Block (115.00 sq. km) in Ajmer District, Rajasthan [Agency: MECL]

EC was informed that the 55th TCC committee recommended timeline extension of 4 months 25 Days up to 31.07.2023 for submission of report.

EC Decision: EC approved for timeline extension for 4 months 25 Days up to 31.07.2023.

(Action: NMET)

Agenda 31.18.11: Preliminary Exploration (G-3 stage) for Iron Ore in Malangtoli Block, Sub Block-G in Sundargarh and Kendujhar Districts, Odisha [Agency: MECL]

EC was informed that the 55th TCC committee recommended timeline extension of 15 Days up to 15.08.2023 for submission of report .

EC Decision: EC approved for timeline extension for 15 Days up to 15.08.2023.

(Action: NMET)

Agenda 31.18.12: Detailed Exploration (G-1 stage) for Lignite in Veeranam Block, Sub Block-IV in Cuddalore, Tamil Nadu [Agency: MECL]

EC was informed that the 55th TCC committee recommended timeline extension of 2 Months up to 31.08.2023 for submission of report

EC Decision: EC approved for the timeline extension for 2 Months up to 31.08.2023.

(Action: NMET)

Agenda 31.18.13: Reconnaissance survey for basemetal in Anaji block (135.00 sq. km), District: Davangere, Karnataka [Agency: KIOCL]

EC was informed that the 55th TCC committee recommended timeline extension of 7 Months up to 06.08.2023 due to local agitation and delay in Peer Review for the project.

EC Decision: EC approved for the timeline extension for 7 Months up to 06.08.2023.

(Action: NMET)

Agenda 31.18.14: Preliminary Exploration for Copper ore in Dhanota Block, Jhunjhunu District, Rajasthan [Agency: MECL]

EC was informed that the 55th TCC committee recommended timeline extension of 1 Months 24 Days up to 15.09.2023 for submission of report.

EC Decision: EC approved for the timeline extension for 1 Month 24 Days up to 15.09.202.

(Action: NMET)

Agenda 31.18.15: Preliminary Exploration for Bauxite in the Maduapat-1 Block, District: Lohardaga, Jharkhand [Agency: CMPDI]

EC was informed that the 55th TCC committee recommended timeline extension of 1.5 Months up to 15.08.2023 for submission of report.

EC Decision: EC approved for the timeline extension for 1.5 months up to 15.08.2023.

(Action: NMET)

Agenda 31.18.16: Reconnaissance Survey (G4) for Kyanite in Kallahalli Kyanite block, District- Mysore, Karnataka [Agency: KIOCL]

EC was informed that the 56th TCC committee recommended timeline extension of 18 Months up to 31.08.2023 due Covid-19 lockdown conditions.

EC Decision: EC deferred the timeline extension and directed to seek justification from KIOCL for delay in project through Ministry of Steel.

(Action: NMET)

Agenda 31.18.17: Reconnaissance survey for basemetal in Oblapuram block (53.0 sq. km), District: Davangere, Karnataka [Agency: KIOCL]

EC was informed that the 56th TCC committee recommended timeline extension of 8 Months up to 05.09.2023 due to delay in Peer Review for the report.

EC Decision: EC approved timeline extension for 8 months up to 05.09.2023.

(Action: NMET)

Agenda 31.18.18: Preliminary Exploration for Coal in West of Sheetaldhara block, Sohagpur Coalfield, District Anuppur, Madhya Pradesh [Agency: CMPDI]

EC was informed that the 56th TCC committee recommended timeline extension of 1 Months up to 05.09.2023 for submission of report.

EC Decision: EC approved timeline extension for 1 month up to 05.09.2023.

(Action: NMET)

Agenda 31.18.19: Preliminary Exploration for Coal in North of Labji Pusla block, Sonhat Coalfield, District Korea, Chhattisgarh [Agency: CMPDI]

EC was informed that the 56th TCC committee recommended timeline extension of 1 month up to 05.09.2023 for submission of report.

EC Decision: EC approved timeline extension for 1 month up to 05.09.2023.

(Action: NMET)

Agenda 31.18.20: Reconnaissance Survey (G4) for Iron Ore in Khandadhar Block Sundargarh Dist., Odisha [Agency: OMECL (OMC)]

EC was informed that the 56th TCC committee recommended timeline extension of 9 months up to 31.10.2023 for submission of report.

EC Decision: EC approved timeline extension for 9 months up to 31.10.2023.

(Action: NMET)

Agenda 31.18.21: Reconnaissance Survey of Lamer-Panga Graphite Block (49.08 Sq. KM), Kalahandi District, Odisha State [Agency: OMC]

EC was informed that the 56th TCC committee recommended timeline extension of 6 Months up to 20.02.2024 for drilling in the project.

EC Decision: EC approved timeline extension for 6 months up to 20.02.2024.

(Action: NMET)

Agenda 31.18.22: Reconnaissance Survey Iron Ore in Rowghat area, District: Kanker, Chhattisgarh [Agency: DGM Chhattisgarh]

EC was informed that the 56th TCC committee recommended timeline extension of 6 Months up to 30.11.2023 for additional sample analysis.

EC Decision: EC approved timeline extension for 6 months up to 30.11.2023.

(Action: NMET)

Agenda 31.18.23: National Geoscience Data Repository (Milestone 4)

&

Agenda 31.18.24: National Geoscience Data Repository (Milestone 5)

[Agency: GSI]

EC was informed that the 56th TCC committee recommended timeline extension of 8 Months up to 31.10.2023 due to delay in completion of Milestone-4 by BISAG-N for the project.

EC Decision: EC approved for the timeline extension of 8 months up to 31.10.2023 National Geoscience Data Repository (Milestone 4) & (Milestone 5).

(Action: NMET)

Agenda 31.19 : Additional Costing for Approved Projects

Agenda 31.19.1 Preliminary Exploration(G3) for limestone, bauxite and fire clay in Piparhat- Kubri Block, Satna, Madhya Pradesh

EC was informed that that additional cost of 2.03 Lakh was recommended by 55th TCC for additional drilling. The approved cost of the project was 81.00 Lakh.

EC Decision: EC approved additional cost of 2.03 Lakh for additional drilling in the project, "Preliminary Exploration(G3) for limestone, bauxite and fire clay in Piparhat- Kubri Block, Satna, Madhya Pradesh."

(Action: NMET)

Agenda 31.19.2 Preliminary Exploration (G3 Stage) for Limestone in Itga Block , District : Kalaburagi, Karnataka

EC was informed that that additional cost of 6.05 Lakh was recommended by 55th TCC for additional drilling. The approved cost of the project was 125.50 Lakh.

EC Decision: EC approved additional cost of 4.08 Lakh for additional drilling in the project , "Preliminary Exploration (G3 Stage) for Limestone in Itga Block , District : Kalaburagi, Karnataka ."

(Action: NMET)

Agenda 31.19.3 Preliminary exploration (G3) for coal in North of Urtan North block (10.28 sq. km), Sohagpur coalfield, District: Anuppur, Madhya Pradesh

EC was informed that that additional cost of 4.08 Lakh was recommended by 55th TCC for additional drilling. The approved cost of the project was 345.22 Lakh.

EC Decision: EC approved additional cost of 4.08 Lakh for additional drilling in the project , "Preliminary exploration (G3) for coal in North of Urtan North block (10.28 sq. km), Sohagpur coalfield, District: Anuppur, Madhya Pradesh ."

(Action: NMET)

Agenda 31.19.4 Preliminary exploration (G3) for bauxite in the Garhpat block (1.63 sq. km), District: Lohardaga, Jharkhand.

EC was inoformed that additional cost of 0.94 Lakh was recommended by the 55th TCC for ICPMS analysis of 34 elements . The approved cost of the project was 82.82 .

EC Decision: EC approved additional cost of **0.94 Lakh** for ICPMS analysis of 34 elements in the project "Preliminary exploration (G3) for bauxite in the Garhpat block (1.63 sq. km), District: Lohardaga, Jharkhand"

(Action: NMET)

Agenda 31.20 Proposal for Deep Seismic Reflection Survey (DSRS) & Magnetotelluric (MT) Survey along Churu, Rajasthan to Tikamgarh, M.P, - Northern Transect under the project UNCOVER of GSI [Agency:GSI]

The 10th Executive Committee (EC) of NMET held on 30.10.2018 had approved the Deep Seismic Reflection Survey (DSRS) and Magneto-Telluric (MT) Survey for Northern Transect of GSI through ONGC at a cost of 8100.00 lakh. Oil and Natural Gas Corporation was the implementing agency for the project and the Work was proposed to be carried out on nomination basis through MoU.

MoU between GSI & ONGC could not be executed as the payment conditions of ONGC did not satisfy the GFR. Thereafter, GSI approached CSIR-NGRI to carry out DSRS & MT along the Northern Transect

GSI informed that the cost for the project has been derived from the already ongoing projects of NGRI from the recent expenditure they incurred on the DSRS & MT studies in Kutch Basin

TCC recommended the proposal to EC for approval with a cost of ₹100.73 Crore with a timeline of 36 months

EC opined that the project cost ₹ 100.73 Cr. Is excluding GST and it will increased by 18 % after GST. The Chairperson EC suggested to put up the project before Governing Body of NMET as it increased beyond the financial power of EC.

EC Decision: EC recommended the project " Deep Seismic Reflection Survey (DSRS) & Magnetotelluric (MT) Survey along Churu, Rajasthan to Tikamgarh, M.P, - Northern Transect under the project UNCOVER of GSI" with a cost of ₹100.73 Crore (excluding GST) with a timeline of 36 months subject to approval of Delegated Investment Board (DIB) and Hon'ble Minister of Mines.

(Action: NMET)

Agenda 31.21. Financial Sanction for the project "Engaging a Technical Supervision and Quality Control (TS-QC) Consultant for monitoring of Quality Assurance & Quality Control (QA/QC) of the Multi-sensor Aerogeophysical surveys over Block-14 under Phase-II of National Airborne Geophysical Mapping Program (NAGMP) [Agency: GSI]

25th EC meeting of NMET held on 29th June 2022 approved TS-QC project for two Blocks-14 &15 at an combined estimated cost of Rs.5.20 Cr. in time schedule of 24 months .

Accordingly, two separate tenders were floated for TS-QC for Blocks-14 &15 for which three bidders participated and only Two bidders have been technically qualified.

The TEC (Finance) recommended to award the contract to the M/s Blueenergy Build Private Limited, Hyderabad in consortium with M/s Reid Geophysics Ltd., Eastbourne, UK, the L1 bidder, at a total all inclusive cost of INR 2,66,50,055/- (Rupees Two Crore Sixty Six Lakh Fifty Thousand and Fifty Five only). Further, GSI informed that L1 cost is 6.016% less than the estimated cost of INR 2,83,55,990/- as per the proposal submitted by GSI in May 2022 to NMET.

Further, GSI requested for time duration of 24 months from the date of signing of MoA.

In view of above, TCC recommended ₹ 2,66,50,055/- (Rupees Two Crore Sixty Six Lakh Fifty Thousand and Fifty Five only) to carryout TS-QC work of NAGMP Block-14 with a timeline of 24 months.

EC Decision: EC approved financial sanction of ₹ 2,66,50,055/- (Rupees Two Crore Sixty Six Lakh Fifty Thousand and Fifty Five only) to carryout TS-QC work of NAGMP Block-14 with a timeline of 24 months**.**

(Action : NMET)

Agenda 31.22. Reconnaissance Survey for coal in Pawanchora Central block, Wardha Valley Coalfield, District: Chandrapur, Maharashtra. (Surrender of project)
[Agency: CMPDI]

The project was recommended in 31st meeting of NMET TCC held on 8th & 9th July 2021 and was approved in 24th EC held on 18.05.2022. The Sanction order was issued on 01.06.2022. The scheduled date of completion was 31.05.2023.

However, CMPDI conveyed that the floated tender was cancelled in the month of December 2022 due to GOI directive of tending through GEM only and retendering through GEM portal was done on 17.03.2023. Due to delay in tendering on administrative ground TCC of NMET in its 53rd meeting has recommended for 8 month time extension till 31.01.2024. As per the OM dated 26.07.2023, timeline extension for 8 months i.e. 31.01.2024 was approved by Chairperson, EC-NMET.

However, the tender through GEM portal was cancelled due to the rate quoted by L1 bidder is higher than the sanctioned rate of drilling by NMET.

In view of the above, the TCC agreed to recommend for the surrender of the project to EC.

EC Decision: EC asked Ministry of Coal to submit justification for surrender of the project. EC deferred the decision for surrendering of the project “Reconnaissance Survey for coal in Pawanchora Central block, Wardha Valley Coalfield, District: Chandrapur, Maharashtra”.

(Action: MoC)

Additional Discussions:

EC decided that the proposals recommended by the TCC for approval of the EC will be forwarded to the IFD, Ministry of Mines for obtaining concurrence for the cost of projects before submission to EC for approval.

(**Action: NMET)**

2. EC opined that IFD, Ministry of Mines may nominate a member in the TCC, NMET.

(**Action: IFD)**

The meeting ended with a vote of thanks to the Chair.

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Annexure 1

List of Attendees for 31st EC held on 12th September 2023

Sl. No.	Name & Designation	Organization / Email	Remarks
1	Shri. V. L. Kantha Rao, IAS, Secretary	Ministry of Mines *secy-mines@nic.in*	Chairperson, ex officio
2	Smt. Veenu Gupta, IAS, ACS	Government of Rajasthan *secy-mines@rajasthan.gov.in*	Member, ex officio
3	Shri. Sanjay Lohiya, IAS, Additional Secretary	Ministry of Mines *sanjay.lohiya@gov.in*	Member Secretary Ex officio
4	Shri. Raghvendra Kumar Singh, IAS, PS	Mineral Resource Department Government of Madhya Pradesh *secymining@mp.gov.in*	Member, ex officio
5	Shri Janardan Prasad, Director General	Geological Survery of India *janardan.prasad@gsi.gov.in*	Member, ex officio
6	Shri. B. Saravanan, Director	AMD,Dept. of Atomic Energy, *director.amd@gov.in*	Member, ex officio
7	Smt. Nirupama Kotru, JS&FA	Ministry of Mines and Ministry of Coal *nirupama.kotru50@nic.in*	Member, ex officio
8	Shri. Gajanand Kaamde, Director	Government of Maharashtra	Member, ex officio
9	Shri. R.K Kureel, Director,	Ministry of Petroleum and Natural Gas *rk.kureel@nic.in*	Representative of Ministry of Petroleum and Natural Gas
10	Dr. Peeyush Kumar,OSD	Ministry of Coal	Member, ex officio
11	Shri. Rajiv Ranjan Meena,IAS Director	Mineral Resource Department Government of Madhya Pradesh	Invitee
12	Shri. L. Nirmal Kumar, Director	Government of Tamil Nadu	Member, ex officio
13	Shri. Gajanand Kaamde, Director	Government of Maharashtra	Member, ex officio
14	Shri. Sandesh Nayak, Director	Government of Rajasthan	Member, ex officio
15	Shri Alok Sharma, GM & HoD (Exploration) (Retd), CMPDIL.	Exploration Expert, *aloksharma360@gmail.com*	Nominated Member
16	Shri Naresh Nautiyal, Head (Retd.), MECL.	Exploration Expert, *nautiyal.naresh5@gmail.com*	Nominated Member
17	Dr. Yamuna Singh, (Retd.), Scientist-H, AMD	Exploration Expert, *yamunasingh1957@gmail.com*	Nominated Member

18	Dr. Laxman Singh Shekhawat, DDG (Retd), GSI	Exploration Expert *shekhawatls57@gmail.com*	Nominated Member
19	Dr. Sahendra Singh, Associate Professor,	Exploration Expert, *sahendra@iitism.ac.in*	Nominated Member
20	Shri Vivek Kumar Sharma, Director & HoD NMET	Ministry of Mines *vksharma.ofb@gov.in*	Director & HoD, NMET
Geological Survey of India			
21	Dr. S. Ravi, DDG, GSI and Chairman TCC	*s.ravi1@gsi.gov.in*	Invitee
Mineral Exploration and Consultancy Limited			
22	Shri. Indra Dev Narayan, CMD, MECL	MECL *cmd@mecl.gov.in*	Invitee
23	Shri. P. Ravindren, GM(Exploration)	MECL *gm-exploration@mecl.gov.in*	Invitee
24	Shri. Yogesh Sharma, Advisor, MECL	MECL *yogesh21@hotmail.com*	Invitee
NMET			
25	Dr. Sangeeta Gupta Superintending Geologist	Ministry of Mines *nmet.mines@gov.in*	NMET
26	Smt. Anju C.S., Senior Geologist	Ministry of Mines *nmet.mines@gov.in*	NMET
27	Smt. Ujjwala Sharma , Senior Geologist	Ministry of Mines *nmet.mines@gov.in*	NMET
28	Shri. Ravi Dutt, Cost Accounts Officer	Ministry of Mines *nmet.mines@gov.in*	NMET
29	Shri. Sunil Kumar, Administrative Officer	Ministry of Mines *nmet.mines@gov.in*	NMET

Annexure 2

Approved Projects in the 31st EC of NMET

S. No.	Project/Block Name	Commodity	Stage	Duration (Months)	Approved Cost (₹ Lakh Including GST)
A. Agency: MECL					
1.	Reconnaissance Survey (G-4 stage) for Phosphorite in Kathyur Block (9.00 sq. km) in Dehradun District, Uttarakhand.	Phosphorite	G4	8	64.23
2.	Preliminary Exploration (G3) for Gold in Kakol block, Haveri, Karnataka	Gold	G3	12	448.27
3.	Reconnaissance survey (G4) for Iron, Manganese and associated minerals in Tikariya Block, Districts: Katni, State: Madhya Pradesh (50.00 sq.km.)	Iron, Manganese and associated minerals	G4	10	221.84
				Sub Total-A	**734.34**
B. Agency: DGM Chhattisgarh (M/s. Maheshwari Mining Pvt. Ltd.)]					
4.	Reconnaissance Survey (G-4 Stage) for Graphite in Dindo-Belkurta-Basera Block, District: Surguja, Chhattisgarh.	Graphite	G4	12	104.64
				Sub Total-B	**104.64**
C. Agency: CGM Gujarat					
5.	Preliminary Exploration (G-3 stage) for Bauxite in Maleta-Bankodi Block, Devbhumi Dwarka District, Gujarat.	Bauxite	G3	5	126.64
6.	Preliminay Exploration (G 3 Stage) For Bauxite in Khaharda-Kenedi Block Devbhumi Dwarka District: Gujarat	Bauxite	G3	5	182.59
7.	Preliminary Exploration (G3 Stage) of Limestone in Jodhpur-Satarpar Block, Devbhumi Dwarka District, Gujarat	Limestone	G3	3	35.91
				Sub Total-C	**345.14**
D. Agency: CGM Gujarat (M/s Geovale servies Pvt Ltd.)					
8.	Reconnaissance Survey (G4) for Evaluation of Placer Xenotime Prospect in the Ujol River Basin, (easternside having an area of 350 sq.km.), Gujarat	Xenotime	G4	12	192.42
9.	Reconnaissance Survey for REE Exploration in Bhuj Clay Prospect Block, Kachchh District: Gujarat (252 sq.km)	REE	G4	12	122.28

				Sub Total-D	**314.70**
E. Agency: OMC					
10.	Preliminary Exploration (G3) for Gold in Salaikana Block, District: Keonjhar, Odisha	Gold	G3	12	201.99
11.	Preliminary Exploration (G3) for Gold in Dimirimunda Block, District- Keonjhar, Odisha	Gold	G3	12	201.99
				Sub Total-F	**403.98**
F. Agency: DGM Madhya Pradesh (M/s, Gemcokati Exploration Pvt. Ltd)					
12.	Reconnaissance Survey (G-4) for PGE, Gold& REE in Maneri-Sitapala Block, Balaghat District, MP	PGE, Gold & REE	G4	8	64.92
				Sub Total-G	**64.92**
				Total A+B+C+D+E+F	**1967.72**

The total cost of new exploration projects recommended by TCC is **₹ 1967.72 Lakh**.

B. Financial assistance projects

S. No.	Project/Block Name	Duration (Months)	Approved Cost (₹ Lakh Including GST)
Agency: DMR :Meghalaya			
1.	Financial assistance from NMET fund to procure machinery/laboratory equipment/instrument etc. aimed at enhancing the exploration activities.	12	60.25
Agency: CGM : Gujarat			
2.	Financial assistance from NMET fund to procure machinery/laboratory equipment/instrument etc. aimed at enhancing the exploration activities	12	56.90
		Total Cost	117.15

The total cost of Financial Assistance for procurement of Machinery/Equipment to states is **₹ 117.15 Lakh.**