GOVERNMENT OF INDIA

MINISTRY OF MINES

NATIONAL MINERAL EXPLORATION AND DEVELOPMENT TRUST

F.No.117/1/2025-NMET/655

New Delhi, 19th December,2025

Subject: Circulation of minutes of 3rd meeting of Project Sanctioning Committee (PSC) of National Mineral Exploration and Development Trust (NMEDT) held on 15th December, 2025

Please find enclosed herewith the minutes of 3rd meeting of Project Sanctioning Committee of NMEDT held on 15th December, 2025 for your kind perusal.

Yours faithfully,

Encl: As above

[Geetika Sharma] Director (Projects) & HoD, NMEDT

To all attendees of PSC Meeting

- 1. Shri Anshoo Pandey, Director, NCMM, Ministry of Mines, Shastri Bhawan, New Delhi.
- 2. Shri N K Panda, Regional Director, Southern Region, Atomic Mineral Exploration and Research Directorate, Nagarbhavi, Bengaluru.
- 3. Shri Jayanta Kumar Naik, Director, NM-II, Geological Survey of India, Nagpur.
- 4. Shri Abhay Agrawal, Controller of Mines, Indian Bureau of Mines, Nagpur.
- 5. Shri Alok Kumar, Dy. Secretary, IFD Mines, Shastri Bhawan, New Delhi.
- 6. Shri Ravi Dutt, Cost Accounts Officer, NMEDT, Udyog Bhawan, New Delhi.
- 7. Shri Gopal Ram, Additional Director Geology (HQ), DMG, Rajasthan.
- 8. Shri Vinod Bagdey, Additional Director, Mineral Resource Department, Govt. of Madhya Pradesh.
- 9. Shri S. P. Kadoo, Deputy Director, DGM Maharashtra, Govt. of Maharashtra.
- 10. Ms. Deepa, Dy. Director, (Geology and Mining) Govt. of Tamil Nadu.
- 11. Shri Bhagwati Prasad Raturi, Ex -GM (Exploration), MECL, Lane N0-7, New Garhwal Colony Near MalsiPuliya, Balawala, Dehradun-248019, Uttarakhand.

- 12. Shri Pankaj Satija, NTH Complex, 4th Floor, A-2 Shaheed Jeet Singh Marg, Qutub Institutional Area, New Delhi.
- 13. Shri Hanuma Prasad Modali, Deccan Gold Mines Limited, No 77, 16th Cross, Sector IV, HSR Layout, Bangalore 560102.
- 14. Prof. T. K. Biswal, B- 4, 101, IIT Bhubaneswar Campus, Argul, Jatni, Khordha, Bhubaneswar, Odisha, 752050.
- 15. Dr. P Krishnamurthy (Technical Expert, PSC), Flat No. 103, A Block, IGV Apts., Ideal Homes Township, RR Nagar, Bengaluru.

Copy to:

- 1. The Secretary (Mines), Government of Andhra Pradesh.
- 2. The Principal Secretary, Department of Mines and Minerals, Government of Assam.
- 3. The Secretary, Mineral Resource Department, Government of Chhattisgarh.
- 4. The Principal Secretary (Industry and Mines), Government of Gujarat.
- 5. The Secretary (Industries, Mines and Geology), Government of Jharkhand.
- 6. The Secretary, (Industries and Commerce), Government of Karnataka.
- 7. The Secretary, Mineral Resource Department, Government of Madhya Pradesh.
- 8. The Addl. Chief Secretary (Industries and Mines), Government of Maharashtra.
- 9. The Principal Secretary (Steel and Mines), Government of Odisha.
- 10. The Principal Secretary (Mines), Government of Rajasthan.
- 11. The Principal Secretary (Industries and Mines), Government of Telangana.
- 12. The Principal Secretary (Industries), Government of Tamil Nadu.
- 13. The Secretary (Mines and Geology), Government of Uttar Pradesh.
- 14. The Principal Secretary (Mines), Government of Uttarakhand.
- 15. The Principal Secretary, Department of Mines & Geology, Government of Goa.
- 16. The Principal Secretary-cum-Mines Commissioner, Government of Bihar.
- 17. The Commissioner & Secretary, Commerce & Industries Department, Government of Mizoram.
- 18. The Addl. Chief Secretary, Textiles, Commerce & Industry, Government of Manipur.
- 19. The Controller General, Indian Bureau of Mines, 2nd Floor, Indira Bhawan, Civil Lines, Nagpur- 440001.

- 20. The Dy. Director General, PSS, GSI, CHQ, 27 JLN Road, Kolkata-700016.
- 21. The Chairman-cum-Managing Director, CMPDIL, Gondwana Place, Kanke Road, Ranchi-834031.
- 22. The Director, Atomic Mineral Exploration and Research Directorate (Member PSC), Begumpet, Hyderabad.
- 23. Dr. S Ravi, Dy. Director General and Chairman, TCC-1 (Special Invitee, PSC), GSI Training Institute, Hyderabad.
- 24. Shri Pradeep Singh, Dy. Director General and Chairman, TCC-2 (Special Invitee, PSC), CHQ, GSI, 27, JLN Road, Kolkata.
- 25. Shri S Dhanendran, Director/Member Secretary, TCC-1 (Special Invitee, PSC), GSI Training Institute, Hyderabad.
- 26. Shri Sanjay Singh, Director/Member Secretary, TCC-2 (Special Invitee, PSC), GSI, Western Region, Jaipur.
- 27. The General Manager (Exploration), Mineral Exploration and Consultancy Limited (MECL), Dr. Babasaheb Ambedkar Bhawan, Seminary Hills, Nagpur 440006.
- 28. The General Manager (ME), Mineral Exploration Department, KIOCL Limited, KIOCL Limited, Bangalore 560034.
- 29. Hindustan Copper Ltd., 2th Floor, North Tower, Core 2, Scope Minar, Dist Centre, Laxmi Nagar, Swasthya Vihar, Delhi, 110092.
- 30. The Director, FAGMIL, 2, West Patel Nagar, Circuit House Road, Ratanada, Jodhpur (Rajasthan)-342011.
- 31.M/s United Exploration India Pvt. Ltd., Unit 402, Axis mall, CF Block(Newtown), Action Area 1C, Newtown, Kolkata, New Town, West Bengal -700156.
- 32.M/s GeoExpOre Pvt Ltd, We-work-Next to Forum Mall, Prestige Cube, Koramangala, Bengaluru-560034, Karnataka.
- 33. M/s Geo Marine Solutions Pvt. Ltd., 15-17-909/9, 5th Cross Shivabagh, Kadri, Mangalore-575005.
- 34.M/s Gemcokati Exploration Pvt. Ltd., E-77 MIDC, Chandrapur, Maharashtra-442401.
- 35. M/s Kartikay Exploration & Mining Services Pvt. Ltd., 199A/18, Chitnavis Marg, Crorepati Gali, Civil Lines, Nagpur, Maharashtra-440001.

- 36. M/s Critical Mineral Trackers, E3, 3rd Floor, Technology Research Park, Indian Institute of Technology, IITH Road, near National Highway 65, Hyderabad, Kandi, Telangana-502285.
- 37. M/s Mining Tech Consultancy Services Ltd., Adani Corporate House; Shantigram; Near Vaishno Devi Circle; SG Highway Khodiyar NA; Ahmedabad; Gujarat- 382421.
- 38.M/s Eartnenviro Lab Pvt. Ltd, Shop No. 36, Chandraloka market complex Niladri Vihar, BDA PG. II, Sailashree Vihar Khorda Orissa-751021.
- 39. Hindmetal Exploration Services Private Limited.
- 40.M/s NRD Tata, Room No. 349, 3rd Floor Commercial Centre, General Office, Bistupur, Jamshedpur, East Singbhum, Jharkhand-831001.
- 41. Ocean Drilling and Exploration Pvt. Ltd., 24 A, Shanti Nagar, Bani Vihar, Near Diamond Residency, Jothwara, Jaipur- 332012.

Copy for kind information to:

- 1. PSO to Secretary, Mines/Chairman EC, NMEDT, Ministry of Mines, Shastri Bhawan, New Delhi.
- 2. PS to Director General, Geological Survey of India, 27, J. L Nehru Road, Kolkata- 700016.
- 3. Consultant (PS) to Director General, National Mineral Exploration and Development Trust, Ministry of Mines, Udyog Bhawan, New Delhi.
- 4. PPS to JS&FA, Ministry of Mines, Shastri Bhawan, New Delhi.

Ministry of Mines

National Mineral Exploration & Development Trust Minutes of 3rd Project Sanctioning Committee (PSC) meeting, NMEDT held on 15.12.2025 at 11:30 AM

The 3rd meeting of Project Sanctioning Committee (PSC) was held under Chairmanship of Shri Pankaj Garg, Director General, NMEDT on 15.12.2025 at Khanij Kaksh, Shastri Bhawan, New Delhi in hybrid mode. The list of participants is given at Annexure-1.

Smt. Geetika Sharma, Director (Projects) & Member Secretary, PSC, extended a warm welcome to all members and informed that the project proposals recommended in the 83rd, 84th and 85th meetings of TCC-1, 15th, 16th, 17th and 18th meetings of TCC-2 and 5th meeting of Joint TCC meeting were placed before the Committee for consideration and decision.

Agenda 3.1: Approval of new exploration project proposals in Siwana Ring Complex recommended by Joint TCC meeting

PSC was apprised that as per the instructions of Secretary, Mines, Geological Survey of India (GSI), had submitted 15 exploration projects of REE and associated Rare Metals in Siwana Ring Complex, Balotra District of Rajasthan for Preliminary Exploration (G3) by the NPEAs. The project proposals were discussed in the Joint TCC meeting, where AMD informed that 5 of the 15 exploration projects overlap with areas notified by the Rajasthan Government in its favour (4 projects have complete overlap and 1 has partial overlap). Accordingly, the Joint TCC at its 5th meeting held on 26th November 2025 and 5th December 2025 recommended 10 exploration projects to various NPEAs/NEAs with a total cost of Rs. 65.51 Cr.

Sh. N. K. Panda, Regional Director (SR), AMD apprised the committee that very good concentration of Zirconium has been reported from the work carried out by AMD in Siwana Ring Complex. Hence it would be prudent to include analysis for Zirconium, Uranium and Thorium along with REEs. TCC-I Chairman informed that the analysis of Zirconium, Uranium and Thorium is part of the analytical package for the sanctioned projects.

Sh. Hanuma Prasad, expert member suggested that preliminary beneficiation test could be done in Phase-II work. TCC-I, Chairman suggested that a few bore holes would be selected spatially and beneficiation studies would be taken up in a few blocks, as the geological conditions and terrains are similar for all blocks.

Sh. Pankaj Satija, expert member suggested that based on the technical inputs of agency during the first phase of work, the beneficiation study may be given for second phase.

Shri N. K. Panda also suggested that title of the projects of exploration for REE may be modified suitably to "...... REE and associated critical minerals...." in view of the analysis of critical minerals analytical package being part of the scope of work of the project.

Decision of PSC: (i) The PSC approved 10 projects of REE and associated critical minerals in Siwana Ring Complex, Balotra District of Rajasthan for Preliminary Exploration (G3) by the NPEAs/NEAs with a total cost of 65.51 Cr. The guidelines of Joint TCC must be adhered to, for execution of the projects;

- (ii) It was decided that henceforth, whenever a project is approved for the exploration of REEs and associated RMs, especially in Siwana Ring Complex, the title of the project must include "associated critical minerals";
- (iii) It was decided that beneficiation studies would be done after 3 months, post 1st phase of drilling work.

The detail of approved projects are as follows:

	Amount in Rs. Crore									
SI. No.	Project Name	Area (in km²)	Agency	Commodity	Stage	Duration (in months)	l	Decision of PSC		
14	Preliminary Exploration (G3) for REE and associated critical minerals in the NB 1 block (2.00 sq. km.) in the northern part of the Siwana Ring Complex, Balotra district, Rajasthan	2.0	M/s Hindmetal Exploration Services Pvt. Ltd. (Accreditation valid upto 19- 02-2028)	REE and associated critical minerals	G3	12	6.21	Approved		
2	Preliminary Exploration (G3) for REE and associated critical minerals in the NB 2 block (2 sq. km.) in the northern part of the Siwana Ring Complex, Balotra district, Rajasthan	2.0	M/s Mining Tech Consultancy Services Limited (Accreditation valid upto 15- 05-2027)	REE and associated critical minerals	G3	12	6.27	Approved		

	I		T	1	I	1		
3	Preliminary Exploration (G3) for REE and associated critical minerals in the NB 3 block (2.00 sq. km.) in the northern part of the Siwana Ring Complex, Balotra district, Rajasthan	2.0	M/s United Exploration India Pvt. Ltd. (Accreditation valid upto 21- 11-2027)	REE and associated critical minerals	G3	12	6.28	Approved
4	Preliminary Exploration (G3) for REE and associated critical minerals in the NB 5 block (1.98 sq. km.) in the northern part of the Siwana Ring Complex, Balotra district, Rajasthan	1.98	M/s GeoExpOre Pvt Ltd. (Accreditation valid upto 22- 03-2028)	REE and associated critical minerals	G3	12	6.28	Approved
5	Preliminary Exploration (G3) for REE and associated critical minerals in the modified NB 9 and NB 10 block (2.85 sq. km.) in the northern part of the Siwana Ring Complex, Balotra district, Rajasthan		Mineral Exploration and Consultancy Ltd. (MECL)	REE and associated critical minerals	G3	12	8.25	Approved
6	Preliminary Exploration (G3) for REE and associated critical minerals in the NB 11 block (2.00 sq. km.) in the northern part of the Siwana Ring Complex, Balotra district, Rajasthan		FAGMIL	REE and associated critical minerals	G3	12	6.27	Approved
7	Preliminary Exploration (G3) for REE and	2.0	M/s NRD Tata	REE and associated	G3	12	6.21	Approved

	associated critical minerals in the NB 12 block (2.00 sq. km.) in the northern part of the Siwana Ring Complex, Balotra district, Rajasthan		(Accreditation valid upto 21- 11-2027)	critical minerals				
8	Preliminary Exploration (G3) for REE and associated critical minerals in the NB 13 block (2.00 sq. km.) in the northern part of the Siwana Ring Complex, Balotra district, Rajasthan	2.0	M/s NRD Tata (Accreditation valid upto 21- 11-2027)	REE and associated critical minerals	G3	12	6.22	Approved
9	Preliminary Exploration (G3) for REE and associated critical minerals in the NB 14 block (2.42 sq. km.) in the northern part of the Siwana Ring Complex, Balotra district, Rajasthan	2.42	M/s Gemcokati Exploration Pvt. Ltd. (Accreditation valid upto 06- 03-2028)	REE and associated critical minerals	G3	12	7.31	Approved
10	Preliminary Exploration (G3) for REE and associated critical minerals in the NB 15 block (2.00 sq. km.) in the northern part of the Siwana Ring Complex, Balotra district, Rajasthan		M/s Ocean Drilling and Exploration Private Limited (Accreditation valid upto 22- 01-2028)	REE and associated critical minerals	G3	12	6.21	Approved
	Total	1				<u>I</u>	65.51	

(Action: Concerned agencies, NMEDT)

Agenda 3.2: Approval of Regional Mineral Targeting (RMT) Projects recommended by Joint TCC

PSC was apprised that 7 RMT blocks carved out by GSI were handed over by Hon'ble Union Minister of Mines to NPEAs on 4.03.2025. Thereafter, 5 RMT blocks were sanctioned

to NPEAs by the Executive Committee of NMEDT. The Joint TCC at its 5th meeting held on 26th November 2025 and 5th December 2025 has recommended sanction of 01 RMT project to M/s Mining Tech Consultancy Services. The details of the project are given below:

Am	Amount in Rs. Crore										
SI. No.	Project/Block Name	Area (in km²)	Agency	Commodity	Duration (in months)		Decision of PSC				
	Regional Mineral Targeting (RMT) to identify prospective zones of Base-metals, REE and other associated critical minerals in Chandrapur, Wardha and Nagpur districts of Maharashtra	1973.0	M/s Mining Tech Consultancy Services Ltd. (Accreditation valid upto 15- 05-2027)	REE and associated critical minerals	24	7.51	Approved				

Decision of PSC: The PSC approved sanction of 01 RMT project to M/s Mining Tech Consultancy Services with a cost of Rs. 7.51 Cr. Beneficiation study to be included in the project.

(Action: M/s Mining Tech Consultancy Services Ltd)

Agenda 3.3: Approval of new exploration project proposals recommended by the Technical-cum-Cost Committees (TCCs)

The PSC members were informed that TCC-1 at its 83rd, 84th and 85th meetings and TCC-2 at its 15th, 16th, 17th and 18th meetings have recommended the following 13 mineral exploration proposals with estimated cost of Rs. 22.77 crore for the approval of PSC:-

	Amount in Rs. Crore										
SI. No	Project/Block Name	Area (in km²)		Commodit y	Stag e	Duratio n (in months)	Cos t	Decision of PSC			
Pro	jects recommended by	TCC-	1								
1	Preliminary Exploration (G3) for Iron in Parvi Block, Kanker District, Chhattisgarh	3.20	M/s Kartikay Exploration and Mining	Iron Ore	G3	12	2.05	Approved			

	[79 th TCC-1] [1 st PSC] [85 th TCC-1]		Services Pvt. Ltd. (Accreditatio n valid upto 09-07-2026)					
2	Preliminary Exploration (G3) for Gold and associated ore in Bhagvati block, Bagalkot District of Karnataka	15	M/s Kartikay Exploration and Mining Services Private Limited	Gold	G3	12	2.63	Approved
	[79 th TCC-1] [1 st PSC] [85 th TCC-1]		(Accreditatio n valid upto 09-07-2026)					
3	Preliminary Exploration (G3) for Iron Ore in Sitapur Block, District- Uttar Bastar Kanker, Chhattisgarh	2.4	M/s Kartikay Exploration and Mining Services Pvt. Ltd	Iron Ore	G3	12	1.58	Approved
	[81 st TCC-1] [2 nd PSC] [85 th TCC-1]		(Accreditatio n valid upto 09-07-2026)					
4	Preliminary Exploration (G3) for Graphite and associated minerals in Jarapa Block, District: Rayagada, Odisha	3.5	Ltd.	Graphite and associated	G3	12	2.58	Approved
	[81 st TCC-1] [2 nd PSC] [85 th TCC-1]		n valid upto 22-01-2028)					
5	General Exploration (G2) for Glauconitic Sandstone & Shale in Kelenda Block [Block area- 3.975 sq. km], District: Mahasamund, Chhattisg arh	3.97	MECL	Potash	G2	12	1.11	Approved
	[85 th TCC-1]							
6	Preliminary Exploration (G-3) of Limestone in Bandha Block (3.54 sq. km) and Jamuniya Block (3.68 sq. km) in District Satna, Madhya Pradesh	7.22	MECL	Limestone	G3	10	2.19	Approved
	[85 th TCC-1]							

/ 	Preliminary Exploration (G3) for Graphite and Associated Minerals in and Around Ankli Block, Dahod District, Gujarat [85 th TCC-1] Total Cost (A)	2.2 TCC-	M/s GeoExpOre Pvt. Ltd. (Accreditatio n valid upto 22-03-2028)		G3	12	3.10 15 .	Approved
8	Preliminary Exploration (G3) for Aluminous Laterite, Titanium, Vanadium, Gallium and associated minerals in Sansarpur Block, Katni District, Madhya Pradesh. [15 th TCC-2]	7.19	MECL	Aluminous Laterite, Titanium, Vanadium, Gallium and associated minerals	G3	12	1.53	Approved
9	Reconnaissance Survey (G-4) for Graphite, Vanadium and Associated Minerals in Bhaluani Kalan Block, District: Palamu, Jharkhand [18 th TCC-2]	32.7 0	MECL	Graphite, Vanadium and Associated Minerals	G4	10	1.34	Approved Shri N K Panda drew the attention to AMD's inputs as the surrounding areas have evidence of uranium and thorium mineralizatio n as communicat ed vide email dated 01.12.2025 and suggested that analysis of U and Th to be done.
	Reconnaissance Survey (G-4) for Vanadium, Titanium and Gallium in Bauxite in Risewada- Lodhiwada Area, Balaghat District, MP [12 th TCC-2] [18 th TCC-2]	60	M/s Gemcokati Private Limited (Accreditatio n valid upto 06-03-2028)		G4	8	0.49	Approved

Tot	Total Cost (A+B)							22.77	
Total Cost (B)								3	
	Preliminary Exploration (G-3) for Limestone in North Krungming Block of Dima Hasao District, Assam [12 th TCC-2] [18 th TCC-2]	5.80	DGM Assam	Limestone	G3	12	1.74	Approved	
	Preliminary exploration (G3) for Limestone in Choto Lakhindong block, Dima Hasao District, Assam [12 th TCC-2] [18 th TCC-2]	3	DGM Assam	Limestone	G3	12	0.90	Approved	
11	Preliminary Exploration (G3) for Bauxite, Vanadium, Titanium and Associated minerals in Rudni Pat block, Lohardaga District, Jharkhand [12 th TCC-2] [1st PSC] [18th TCC-2]	1.10	MECL	Bauxite, Vanadium, Titanium and associated mineral	G3	15	1.53	Approved	

Decision of PSC: The PSC approved 13 mineral exploration projects amounting to Rs. 22.77 Cr., with the suggestion of Sh. N.K. Panda, Regional Director (SR), AMD.

Agenda 3.4: Approval for Procurement of Sample Processing Units for Establishment of Rock Laboratory in the State Units and Regional offices of Geological Survey of India by GSI

PSC was apprised that GSI have submitted a proposal to procure equipment to set up sample processing units at State Unit level and also at their Regional offices for expediting the processing of rock samples with an estimated cost of Rs. 14.25 crore, including GST. GSI have informed that currently field samples are processed manually using iron mortar and pestle, and core samples are split with a simple manual core splitter. With the recent increase in sample volume, especially from critical mineral projects, strengthening sample-processing units will help reduce backlog, improve turnaround time, enhance field—lab coordination, and support timely completion of exploration projects by reducing human intervention and minimizing contamination.

TCC-1 at its 83rd meeting has recommended the proposal for procurement of Sample Processing Units for Establishment of Rock Laboratory in the 27 State Units and 06 Regional offices of GSI, with an estimated cost of Rs. 14,25,43,480/- with a timeline of 18 months, for approval of PSC.

The component wise break-up of cost is given below:

S. No.	List of Items	Cost per Unit (INR)	Number of Units Required	Total Cost with 18% GST (in Rs)
1	Jaw Crusher	15,00,000.00	24	3,60,00,000
2	Disc Mill	3,78,780.00	18	68,18,040
3	Vibratory Cup Mill	9,45,180.00	14	1,32,32,520
4	Planetary Ball Mill	14,09,620.00	32	4,51,07,840
5	Sieve Shaker	2,70,220.00	29	78,36,380
6	Electric Oven	2,40,000.00	21	50,40,000
7	Polygonal Blenders	1,50,000.00	26	39,00,000
8	Riffle splitter	50,000.00	26	13,00,000
9	Rock Saw	2,67,860.00	30	80,35,800
10	Rock Cutter	1,40,420.00	15	21,06,300
11	Hydraulic Core Splitter manual	3,18,600.00	31	98,76,600
12	Hydraulic Core Splitter (Automated)	4,70,000.00	7	32,90,000
Tota	Cost inclusive of 18%	GST with stand	ard warranty	Rs. 14,25,43,480/-

The members enquired if the NEAs/NPEAs or other agencies can take benefit from these laboratories-. The TCC-1 Chairman informed that these facilities can be used by any agency on payment basis.

Decision of PSC: PSC approved the project, "Procurement of Sample Processing Units for Establishment of Rock Laboratory in the State Units and Regional offices of GSI" with a cost of Rs. 14,25,43,480/- (including GST) with a timeline of 18 months. The Chairman, PSC instructed that the procurement must be completed within the approved time period.

(Action: GSI)

Agenda 3.5: Approval for Procurement of machinery/equipment aimed at enhancing exploration activities from NMEDT fund.

Agenda 3.5a: Procurement of machinery/equipment by DMG, Goa

PSC was apprised that DMG, Goa had submitted a proposal to establish an advanced mineral testing (MT) laboratory with NMEDT funding at Goa College of Engineering, Panaji to facilitate mining industries and associated departments to fulfil their requirements with regard to quality checks and reliability by determining grades of the ores during and after production levels. PSC was also apprised that DMG, Goa had informed that they had consulted the Ministry of Mines and received approval for setting up the laboratory facility within the premises of the Goa College of Engineering, Panaji, as the institution is a Government entity.

TCC-I, at its 84th meeting, has recommended the sanction of procurement project entitled "Setting up of Advanced Mineral Testing Laboratory through assistance from NMEDT by DMG Goa" for procurement of following items with an estimated cost of Rs. **3,33,70,000/-** (exclusive of taxes) with a timeline of 18 months.

	Equipment	Cost in	Rs./Unit	No. of U	Inits	Total Price (in Rs.) (Exclusive of Taxes)
A. X	RF Analyser and equipme	nt		<u> </u>		
1	WD-XRF Analyser	3,21,00	0,000/- 1			3,21,00,000/-
2	Press Pallet			As per		
3	Vibrating Cup Mill	-		requiren	nent	
4	Crucible, P10 cylinder, binder, flux. A/C, UPS Backup	_				
		SUBTO	TAL – A	<u> </u>		3,21,00,000/-
Sr. No.	Equipment		Cost in R	s./Unit	No. of Units	Total Price (in Rs.) (Exclusive of Taxes)
B. E	quipment for analysis		I			
1	High Resolution Digital Bala	ance	1,30,000		2	2,60,000
2	Coning and Quartering Instrument (Sample Divider)		10,000		2	20,000
3	Laboratory Oven		50,000		1	50,000
4	Magnetic Stirrer with Hot P	late	15,000		2	30,000

5.	Spectrophotometers	3,50,000	1	3,50,000
6.	pH Meter	60,000	2	1,20,000
7	Laboratory glass ware & chemicals	1,70,000	1	1,70,000
8	Rock Density Scale/Mineral Density Tester/Stone Density Gauge	1,30,000	1	1,30,000
9	Hot plate	30,000	1	30,000
10	Double distillation plant	90,000	1	90,000
11	Bunsen burner set	20,000	1	20,000
		SUBTOTAL - B	'	12,70,000/-
		TOTAL (A+ B)		3,33,70,000/- (Exclusive of taxes)

Shri N. K. Panda enquired about the number of samples being generated by DMG, Goa at present and over last two (02) years keeping in view the procurement of WD-XRF analyzer, which has the capacity to analyse a large number of samples. He drew attention of the committee to the need for ensuring availability of sufficient number of samples so that the instrument is not kept idle. The members enquired if the agency have sufficient trained manpower to handle the WD-XRF instrument. Sh. Krishnamurthy, expert member suggested to the agency to train their personnel, while the procurement is under process, so that the instrument may be utilized effectively.

Decision of PSC: The PSC approved the procurement project of DMG, Goa entitled "Setting up of Advanced Mineral Testing Laboratory through NMEDT funding" with a cost of Rs. 3,33,70,000/- (exclusive of taxes) within a timeline of 18 months. The approval is with the condition that DMG, Goa would make these instruments available for the use of other exploration agencies, including NEAs, NPEAs and GSI. Further DMG, Goa must train their manpower to interpret the data generated from the WD-XRF.

(Action: DMG, Goa)

Agenda 3.5b: Procurement of machinery/equipment by DGM, Mizoram

PSC was apprised that the EC at its 27th meeting held on 10.01.2023 had approved the procurement of following items by DGM, Mizoram, with an estimated cost of Rs. 3.09 Cr. Details of the approved items are given below:

S. No.	Items	Quantity	Estimated Cost Per unit	Total Estimated cost	Remarks
1	Digital Camera DSLR	1	1,25,000	1,25,000	
2	Brunton compass	10	10,000	1,00,000	Cost provided by GSI
3	Geologists Hammer	10	7,200	72,000	
4	Handheld GPS	10	8,000	80,000	
5	Scintilometer	1	6,00,000	6,00,000	Cost provided by GSI
6	Rock processing unit (Polishing, grinding, mounting)	1	10,00,000	10,00,000	
7	Pulverizer	1	6,00,000	6,00,000	
8	Research Polarising Microscope with software attached camera for Transmitted and Reflected light with accessories	1	12,00,000	12,00,000	
9	WD-XRF	1	40,00,000	40,00,000	
10	Fusion bead machine	1	20,00,000	20,00,000	
11	Press pellet machine	1	3,90,000	3,90,000	Cost provided by GSI
12	Hot Plates	1	10,000	10,000	Cost provided by GSI
13	Muffie furnace	1	1,00,000	1,00,000	Cost provided by GSI
14	Air Oven	1	55,000	55,000	Cost provided by GSI
15	GIS softwares	1	13,00,000	13,00,000	
16	Hydrostatic drill machine upto 600m capacity	1	80,00,000	80,00,000	Cost provided by GSI

17	Drill Accessories			80,00,000	
18	Pumps	1	15,00,000		Cost provided by GSI
19	Core Splitter	1	2,00,000	2,00,000	Cost provided by GSI
20	DGPS (1 set)	1	16,00,000	16,00,000	Cost provided by GSI
				3,09,32,000	

PSC was also apprised that EC in its 42nd meeting, held on 2nd June 2025 had approved revision in the cost of Pulverizer (Sl. No. 7) from Rs. 6 lakh to Rs. 17.11 lakh. The PSC was further apprised that DGM, Mizoram have requested to consider the procurement of Vibratory Cup Mill instead of Pulverizer (Sl. No. 7) with a cost of Rs. 17.11 lakh (same as the cost of pulveriser approved in 42nd EC meeting). Further, DGM Mizoram have requested a cost escalation of Rs. 1,92,400/- for the procurement of Research Polarising Microscope (Sl. No. 8).

TCC-2 at its 15th meeting held on 23rd and 24th October, 2025 has recommended the following:

- Approval of PSC for replacement of Pulveriser with Vibratory Cup Mill to be procured at the same rate;
- Approval of PSC for additional cost of ₹1,92,400/- for procurement of Research Polarising Microscope with Vertical illuminator, LED light & fixed polariser for reflected light path.

Dr. P. Krishnamurthy suggested that DGM, Mizoram should arrange training for their personnel on the use of these instruments by leveraging the expertise available with AMD and GSI. Training may also be sought from the instrument supplier, if feasible. This will help ensure smooth installation of the instrument and facilitate the development of essential standards, which are critical for maximizing effective utilization of the instrument/equipments.

Decision of PSC: PSC approved the following:

 Procurement of Vibratory Cup Mill in place of Pulveriser at the approved revised cost of pulveriser i.e. Rs. 17.11 lakh; ii. Additional cost of Rs. 1,92,400/- for procurement of Research Polarising Microscope with Vertical illuminator, LED light & fixed polariser for reflected light path.

(Action: DGM, Mizoram)

Agenda 3.6: Approval of additional cost/cost revision of ongoing exploration/ procurement projects with timeline extension (if any)

TCC-1 and TCC-2 have recommended additional cost/cost revision of following 6 mineral exploration proposals for the consideration of Project Sanctioning Committee:-

S. No.	Block/Project	Agency	Approved cost (in Rs.)	Revised cost (in Rs.)	Additional Cost (in Rs.)	Time line extension	Decision of PSC
			Revised cost rec	ommended by TO	CC-1		
1	Preliminary Exploration (G3) for Copper and Associated minerals in Govindpur Block, Chandrapur District, Maharashtra [83 rd TCC-1]	M/s Kartikay Exploration and Mining Services Pvt. Ltd. (Accreditation valid upto 09-07- 2026)	1,43,17,270	63,61,516.88	(-)7,955,753.12	31.10.2025 to 30.11.2025	In view of revised norms for forest clearance with respect to exploration, DGM Maharashtra agreed to assist the agency in getting the Forest Clearance. Partial GR to be withdrawn by agency. Timeline extended upto 31.03.2026 to complete drilling and related works and submit the GR.

2	Reconnaissance (G-4) for Manganese around Kandhal area of Rairakhol Tahasil of Sambalpur District, Odisha [83 rd TCC-1]	DGM Odisha	73,94,657.82	30,08,700.53	(-)43,85,957.29	12.10.2025 to	Deferred NMEDT to take up the matter of grant of FC with DGM, Odisha
3	Financial Assistance from NMET funds to procure Machinery Laboratory Equipment /instruments etc. aimed at enhancing the exploration activities.	ІВМ	29,93,00,000	29,98,00,000	5,00,000		Approved
	[85 th TCC-1]						
4	Palaeo-Channel in Krishna Basin Near Mangalagiri, Guntur District, Andhra Pradesh.	M/s Geomarine Solutions Pvt. Ltd. (Accreditation valid upto 16-08- 2028)	2,06,54,529.17	2,01,83,731.54	-4,70,797.63		Approved
	j. a	B.	Revised cost rec	ommended by TC	C-2		
5	Preliminary Exploration (G3-Stage) for Tin in Kangra Block (6.35 sq. km. Area), District – Tehri Garhwal, Uttarakhand [16 th TCC-2] [18 th TCC-2]	MECL	6,04,67,001	3,80,28,158	-2,24,38,843		Deferred Reduction in drilling target from 600 m to 300 m approved. Outsourcing of drilling not approved. Cost

					revision to be done accordingly
6	Pitupura Block, Karauli	Pvt Ltd.	1,94,86,452	-16,697	Approved

Decision of PSC: PSC approved cost revision along with timeline extension (wherever applicable) of 3 projects. Cost revision of project mentioned at Sl. No. 1 is not approved, as **the agency** is suggested to contact State DGM for forest clearance issue and **get the project completed as per approved quantum of work.** Cost revision of project mentioned at Sl. No. 2 is deferred as the agency has been suggested to pursue forest clearance issue again. Cost revision of project mentioned at Sl. No. 5 is deferred as the outsourcing of drilling is not approved and hence the cost to be modified accordingly.

Agenda 3.7: Approval of change of title of ongoing exploration project

PSC was apprised that 29 mineral exploration projects were approved in the 1st PSC meeting wherein, inadvertently the title of 03 projects has been wrongly written in the minutes (Agenda No. 1.2 (6) and 1.2(7)). The corrected title of 03 projects was placed before the PSC for approval. Also during 1st PSC meeting, the title of 1 ongoing project whose cost was revised was also inadvertently wrongly mentioned (Agenda No. 1.3 (6)). Accordingly, the correct title was produced before the PSC for approval. The details of four projects are as follows:

	Project Title	Agency	Modified Title	Remarks	PSC Barnarika
No.					Remarks
1	Reconnaissance survey (G4) for Vanadium, Gallium and other Strategic and Critical Minerals associated with Bauxite & Laterite in Golardih area, Khairagarh-Chhuikhadan-Gandai Districts, Chhattisgarh.	Chhattisgarh	Reconnaissance Survey (G4) for Bauxite, Aluminous Laterite and associated Critical Minerals in Golardih area, Khairagarh- Chhuikhadan -Gandai districts, Chhattisgarh	Inadvertently title of the project was wrongly mentioned in the minutes of the PSC	Approved
	[80 th TCC-1] [1 st PSC]				
2	Preliminary exploration (G3) for Vanadium, Gallium and other Strategic and Critical Minerals associated with Bauxite & Laterite in Khara East Block, Kabirdham District, Chhattisgarh. [80th TCC-1]	Chhattisgarh	Preliminary Exploration (G3) for Bauxite, Aluminous Laterite and associated critical minerals in Khara East Block-A & Block-B, Kabirdham District, Chhattisgarh	Inadvertently title of the project was wrongly mentioned in the minutes of the PSC	Approved
	[1 st PSC]				
	Reconnaissance survey (G4) for copper ore and associated mineralisation in Bodal area, Mohla Manpur Ambagarh Chowki District, Chhattisgarh	Copper Limited	Reconnaissance Survey (G4) for Copper (Cu) in Bodal area, Mohla Manpur Ambagarh Chowki District, Chhattisgarh	Inadvertently title of the project was wrongly mentioned in the minutes of the PSC	Approved
	[80 th TCC-1] [1 st PSC]				
4	Reconnaissance Survey (G4) for Basemetal, Gold and associate minerals in Nagavanda area Davangere, Haveri and Shimoga District, Karnataka	KIOCL	polymetalic mineralization (Au,Cu,Ni,Co) in Dharwar Shimoga Schist Belt of Nagavanda area	Revision of cost was approved in 1st PSC (from Rs, 1,47,62,526/- to Rs. 85,37,622/-, with a reduction of (-) Rs. 6,224,904/- in amount.	Approved

[80 th	TCC-1]	and Shimoga District,	project title was	
[1 st P	PSC]	Karnataka (Block	inadvertently	
		area- 63.62 sq. km)	wrongly	
			mentioned in	
			agenda	
			_	

(ii) Further, TCC-2 have recommended the change of title of 01 mineral exploration project for the approval of Project Sanctioning Committee. The detail of one project is as follows:

SI. No.	_	Agency	Modified Title	Remarks	PSC Remarks
	survey for nickel- cobalt, PGE and Chromium in and	India Pvt. Ltd. (Accreditation	and Chromium in and around Lungher and Sihai area, Ukhrul	Local agitation has arisen due to the name Phangrai.	Approved

Decision of PSC: PSC approved the change of title of the 04 projects mentioned at Sl. No. 1, 2, 3 and 5. The PSC also approved recommendation of 1st PSC with originally approved title of the project mentioned at Sl. No. 4.

Agenda 3.8: Approval of pre-closure of ongoing exploration/ procurement project alongwith cost revision (if any):

TCC-1 have recommended the pre-closure of 03 mineral exploration proposal for approval of Project Sanctioning Committee:-

S. No.	Block/Project	Agency	Approved on		cost	cost	Cost change (in Rs.)	Remarks	PSC comments
1	minerals in J.C. Pura Mafic-Ultramafic Schist Belt near Rampura and Gollarahatti Block, Hassan District	Pvt Ltd.	29 th EC (SO Issued on 16.02.2024)	10	82,87,108	18,97,652	(-) 6,389,456	Local agitation	Deferred Agency to submit a certificate issued by State DMG that due to intense local agitation, work could not be completed.
2	Preliminary Exploration (G3) for Manganese ore in Dhavalapur block (2.00 sq. km.), Nagpur District, Maharashtra [79 th TCC-1] [1 st PSC] [83 rd TCC-1]	MECL	35 th EC (SO Issued on 10.06.2024)	12	2,31,59,625	9,66,303	(-) 2,21,93,322	Geological mapping completed. Drilling and trenching stopped since forest clearance not granted.	Deferred Agency to submit a certificate from State DGM that the area falls in Buffer Zone of Pench Tiger Reserve.
3	km4) District Nagnur - 1	DGM Maharashtra	25th EC (SO issued on 29.06.2022)	15	90,17,446.72	57,22,312	(-) 32,95,134.71	Drilling target reduced	Approved

Decision of PSC: PSC approved the pre-closure of 1 project. PSC deferred pre-closure of projects mentioned at Sl. No. 1 and 2.

Agenda 3.9: Approval of timeline extension of ongoing exploration/ procurement projects

TCC-1 and TCC-2 have recommended timeline extension of following 33 mineral exploration/procurement/baseline project proposals, for the consideration of Project Sanctioning Committee:-

S. No.	Block/Project	Agency	Scheduled date of completion	timeline	Remarks	Decision of PSC
Tim	eline extension recomm	ended by TC	C-1			
1	Heliborne Magnetic and Time-Domain Electromagnetic Aerogeophysical Surveys over different mineral potential areas by engaging consortium of M/s McPhar International Private Ltd., India with M/s Xcalibur Multiphysics Spain S.L. and Global Vectra Helicorp Ltd., India. [83rd TCC-1]	GSI	31.12.2025	31.03.2027	For completion of survey and GR submission.	Approved
2	Preliminary Exploration (G-3) for Limestone in Akapur block, Dist- Yavatmal, Maharashtra [83 rd TCC-1]	MECL	11.10.2025	15.11.2025	For GR submission	Approved
3	Preliminary Exploration (G-3) for Glauconite Sandstone in Jhari block (5.1 sq.km), Satna district, Madhya Pradesh [83 rd -TCC-1]	MECL	31.10.2025	30.11.2025	For GR submission	TCC-1 at its 85 th meeting has recommended further timeline extension mentioned at SI. No. 9
	Reconnaissance Survey (G-4) for REE & RM (Sc, Nb) mineralization in	KIOCL	12.10.2025	31.12.2025	For completion of project	Approved

	Samalpatti Block, Krishnagiri District, Tamil Nadu [83 rd TCC-1]					
5	Reconnaissance Survey for Gold & associated minerals in Killarhatti Block, Koppal & Raichur District, Karnataka [83 rd TCC-1]	M/s Mining Tech Consultancy Services Ltd. (Accreditation valid upto 15- 05-2027)		05.05.2026	For completion of project as the work delayed due to obtaining forest clearance and local resistance.	
Ю	Geo-chemical Analysis of mine samples by IBM [84 th TCC-1]	IBM	31.10.2025	15.12.2025	Analytical results of samples are delayed.	Approved
17	National Geophysical Mapping Programme (NGPM) through outsourcing mode in identified area covered under 2099 no. of toposheets [84th TCC-1]	GSI	07.09.2026	31.03.2027	For completion of project	Approved GSI to ensure the successful completion of tender process and to conclude the work within the extended timeline
8	Procurement of Handheld XRF Analyser [85 th TCC-1]	GSI	16.10.2025	31.12.2026	Retendering due to participation of only 01 vendor during initial tendering	Approved
9	Preliminary Exploration (G3) for Glauconite Sandstone in Jhari block (5.1 sq.km), Satna district, Madhya Pradesh. [85 th TCC-1]	MECL	30.09.2025	15.12.2025	For GR submission	Approved
10	Reconnaissance Survey (G-4) for Gold in Bargur Block, Bargur Belt of	MECL	25.10.2025	15.12.2025	For GR submission	Approved

	Kolar Schist Belt, District- Krisnagiri, Tamil Nadu [85 th TCC-1]					
1	Reconnaissance Survey (G-4) for Tungsten, REE and associated minerals in and around Nellie area (114.96 sq. km), Morigaon and West Karbi Anglong districts, Assam [85th TCC-1]	MECL	21.08.2025	28.02.2026	Delay in forest clearance and excessive rainfall	Approved
	Preliminary Exploration (G3) for REE Mineralization in Maravapaliyam Block, Tiruppur District, Tamil Nadu [85 th TCC-1]	MECL	21.10.2025		Delay due to local agitation	Approved
1	,	M/s Critical Mineral Tracker (Accreditation valid upto 15- 05-2027)	09.12.2025	9.02.2026	For completion of project	Approved
14	(G4) for Bauxite, Ga, V, Ti , & REE in Reldi Moti area , Kachchh District, Gujarat	M/s Critical Mineral Tracker (Accreditation valid upto 15- 05-2027)	09.12.2025		For completion of project	Approved
10	part of a Palaeo-Channel in Krishna Basin Near	Solutions Pvt.	29.12.2025	30.6.2026	Water logged due to earlier cyclone. Work also hindered due to expiry of notification	Approved
16	Engaging a Technical Supervision and Quality Control (TS-QC) consultant for Monitoring	GSI	31.01.2026	31.08.2026	Delay in execution	Approved

	of Quality Assurance/Quality control (QA/QC) of the Multi-sensor Aerogeophysical Surveys over Blocks- 14 under Phase-II of National Airborne Geophysical Mapping Programme (NAGMP) [85 th TCC-1]					
17	Multi-sensor aero- geophysical surveys over block 5 in adjoining Obvious Geological Potential (OGP) areas under National Airborne Geophysical Mapping Programme (NAGMP)	GSI	31.01.2026	31.12.2027	Delay due in getting flying permit, monsoon and availability of single flight	Approved
18	Multi-sensor aero- geophysical surveys over block 14 in adjoining Obvious Geological Potential (OGP) areas under National Airborne Geophysical Mapping Programme (NAGMP)	GSI	31.03.2026	30.06.2026	Data acquisition delayed due to operational restrictions	Approved
	Time	line extensio	n recomme	nded by TC	C-2	
19	laterite and associated critical minerals in Govindagude & Sudigudde Block, Udupi	M/s Critical Mineral Tracker (Accreditation valid upto 15- 05-2027)	31.10.2025		Forest Clearance issue	Approved
20	Financial assistance from NMET funds to procure machinery/ laboratory equipment/ instruments etc. aimed at enhancing the exploration activities	CMPDI	16.10.2025	15.04.2026	For completion of project	Approved

	[16 th TCC-2]					
[]	Financial assistance from NMET funds to procure machinery/ laboratory equipment/ instruments etc. aimed at enhancing the exploration activities [16th TCC-2]	DMG	21.10.2025		For completion of project	Approved
22	· •	DMG Karnataka	31.10.2025	31.04.2026	For completion of project	Approved
	Financial assistance from NMET funds to procure machinery/ laboratory equipment/ instruments etc. aimed at enhancing the exploration activities		31.08.2025	31.12.2025 31.01.2026	completion	Approved upto31.01.2026
24	[16 th TCC-2] Financial assistance from NMET funds to procure machinery/ laboratory equipment/ instruments etc. aimed at enhancing the exploration activities [16 th TCC-2]	DMG Jharkhand	31.05.2025 31.08.2025 (only ICP- MS and XRF)	28.02.2026	For completion of project	Deferred The agency was not present at the meeting to answer the queries of members. DMG Jharkhand to submit the status of procurement and action plan for completion of the work.
25	(G-3) for REE and	M/s GeoExpOre Pvt Ltd. (Accreditation valid upto 22- 03-2028)	9.11.2025	08.02.2026	Work delayed since agency's notification was not valid	Approved

26	Mahakoshal Group around Chakdiya, Kushaniya, Jobra, and Tusgaon Area, Sonbhadra District, Uttar	M/s GeoExpOre Pvt Ltd. (Accreditation valid upto 22- 03-2028)	25.11.2025	24.02.2026 31.05.2026		Approved (Timeline extension approved upto 31.05.2026)
27	Preliminary Exploration (G-3) for Glauconitic Sandstone in Deulha Block, Satna District, Madhya Pradesh	MECL	30.09.2025	15.11.2025	For GR submission	Approved
28	(G-4) for Rare Earth Elements (REE) & Rare Metals (RM) near Meghawas-Nagana area, Barmer District, Rajasthan	M/s Mining Tech Consultancy Services Ltd (Accreditation valid upto 15- 05-2027)	30.11.2025	28.02.2026	For completion of project	Approved
1	Reconnaissance Survey (G4 stage) for Iron, Manganese and Associated Minerals in Jauli-Sailwara Block (33.8 Sq.km), District Jabalpur, Madhya Pradesh [17th TCC-2]	MECL	13.10.2025	15.01.2026	For submission of GR	Approved
30	Preliminary Exploration (G-3 stage) for Bauxite, Titanium and associated	MECL	22.06.2025	30.11.2025	For completion of work and submission of GR	Approved
	Reconnaissance Survey (G4 Stage) for Graphite and associated Minerals around Sonaghati, Amdol, Jharegaon and Bhayawari, District Betul,	M/s GeoExpOre Pvt Ltd. (Accreditation valid upto 22- 03-2028)	10.6.2025	10.10.2025	For GR submission	Approved

	[11 th TCC-2] [1 st PSC]					
32	(G3) for Vanadium and Titanium in Dandi-Onjal- Surwada Block in Navsari and Valsad District, Gujarat	M/s Geomarine Solutions Pvt. Ltd. (Accreditation valid upto 16- 08-2028)	11.7.2025	31.8.2025	For GR submission	Approved
33	IOI HICKEI- CODAIL, PGE	M/s United Exploration India Pvt. Ltd. (Accreditation valid upto 21- 11-2027)	5.6.2025	5.6.2026	Project execution delayed due to local agitation and submission of GR	Approved

Decision of PSC: PSC approved the timeline extension of 32 projects subject to submission of action plan by respective agencies for obtaining Forest Clearance/completing the remaining work. Timeline extension of project mentioned at SI. No. 24 was deferred since the agency was not present at the meeting to answer the queries of members.

Annexure-1

List of Participants

Garg	DG, NMEDT and Chairman	Dhyaisal
	DG, NMEDT and Chairman	Dhyaisal
nda		Physical
IIIGG	Regional Director (SR), AMD	Online
Pandey	Director, NCMM	Physical
Sharma	Director – Projects, NMEDT & Member Secretary	Physical
mar	Dy. Secretary, IFD, Mines	Physical
grawal	Controller of Mines, IBM	Online
Kumar Naik	Director, NM-II, GSI, Nagpur	Online
tt	Cost Accounts Officer	Physical
am	Additional Director Geology (HQ), DMG, Rajasthan	Online
agdey	Addl. Director, MRD, M.P., Govt. of Madhya Pradesh	Online
doo	Deputy Director, DGM Maharashtra Govt. of Maharashtra	Online
	Dy. Director, (Geology and Mining) Govt. of Tamil Nadu	Online
wal	Technical Expert	Online
murthy	Technical Expert	Online
Satija	Technical Expert	Online
Prasad	Technical Expert	Online
uri	Technical Expert	Online
	Invitee	1
	Dy. DG and Chairman, TCC-1	Online
Singh	Dy. DG and Chairman, TCC-2	Online
endran	Director and Member Secretary, TCC-1	Online
Singh	Director and Member Secretary, TCC-2	Online
	Pandey Sharma mar grawal Kumar Naik tt am agdey doo wal amurthy Satija a Prasad uri Singh endran Singh	Director – Projects, NMEDT & Member Secretary mar Dy. Secretary, IFD, Mines grawal Controller of Mines, IBM Kumar Naik Director, NM-II, GSI, Nagpur tt Cost Accounts Officer am Additional Director Geology (HQ), DMG, Rajasthan agdey Addl. Director, MRD, M.P., Govt. of Madhya Pradesh doo Deputy Director, DGM Maharashtra Govt. of Maharashtra Dy. Director, (Geology and Mining) Govt. of Tamil Nadu wal Technical Expert amurthy Technical Expert an Prasad Technical Expert Invitee Dy. DG and Chairman, TCC-1 o Singh Dy. DG and Chairman, TCC-2 endran Director and Member Secretary, TCC-1