

Ministry of Mines
National Mineral Exploration & Development Trust
Minutes of 17th meeting of Technical-cum-Cost Committee - II (TCC - II)
held on 17th November 2025

The 17th meeting of Technical-cum-Cost Committee – II (TCC - II) of National Mineral Exploration and Development Trust (NMEDT) was held through video conferencing under the Chairmanship of Shri Pradeep Singh, Deputy Director General (DDG), Geological Survey of India (GSI) and Chairman, TCC-II, NMEDT held on 17th November 2025.

Members of TCC-II, NMEDT and representatives from, Mineral Exploration and Consultancy Limited (MECL), have attended the meeting through video conferencing mode.

The list of participants is at **Annexure-1**.

Shri Pradeep Singh, DDG, GSI and Chairman, TCC-II, NMEDT warmly welcomed all TCC-II members and every participant from State DGM, Notified Exploration Agencies (NEAs) and Notified Private Exploration Agencies (NPEAs).

17.1 Review of Ongoing Projects/ Completed Project & Timeline Extension

17.1.1 Reconnaissance Survey (G4 stage) for Iron, Manganese and Associated Minerals in Jauli-Sailwara Block (33.8 Sq.km), District Jabalpur, Madhya Pradesh.

[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]

- a) MECL informed that the project was recommended in 2nd Meeting of TCC-II held on 22nd and 23rd October, 2024 of NMEDT. It was approved by 38th EC meeting held on 29th November 2024 with timeline of 10 months. The sanction order was issued on 13th December 2024 with approved cost of ₹1.35 crore.
- b) Further, it was briefed by MECL that geological mapping on 1:12,500 scale of 33.8 sq. km area has been done. Out of approved quantum of 150 cu m, total 90 cu m of trenching has also been done so far. The agency proposed drilling in 6 boreholes with 50m vertical depth and also requested for timeline extension up to 15th January 2026 for final submission Geological report.
- c) Committee reviewed the work. Dimensions/geometry of mineralised body (BIF) could not be established/ascertained precisely in area. The analysis of Channel samples collected from leached BIF zones indicates Fe values moderate to low (maximum 35 %). Further Committee Opined that drilling is not required in this area. Agency may sum up data accrued and submit Geological report.



Recommendation TCC-II

The committee agreed for timeline extension up to 15th January 2026 for final submission Geological report.

17.1.2 Preliminary Exploration (G-3 stage) for Bauxite, Titanium and associated minerals in Anvrapat Block (1.00 sq. km), Lohardaga District, Jharkhand.

[Implementing Agency: Mineral Exploration and Consultancy Limited (MECL)]

- a) MECL informed that the project was recommended in 68th Meeting of TCC of NMET in 28th, 29th and 30th August 2024 & it was approved by 37th EC of NMET held on 23rd September 2024 with approved cost of ₹175.63 Lakh (including GST) within the time schedule of 08 Months (up to 22.06.2025).
- b) MECL informed that the Geological Report (GR) for the project has been completed, and the suggestions from the peer review have been duly incorporated. It was further conveyed that the final GR is currently under preparation. MECL requested a timeline extension up to 30th November 2025 for submission of the Geological Report.
- c) MECL informed that the gross resource has been estimated at 4.98 million tonnes of TiO_2 (Titanium Dioxide). The Committee further advised MECL to additionally assess and report the resource potential for Gallium (Ga) and Vanadium (V) within the project area.
- d) Committee is of view that for arriving to 'Net' resource deduction of 10% from gross resource may be done which is generally assumed for most of mineral commodities. Considering Vanadium values, the remaining samples may be analysed for Vanadium and resource can be estimated for both V & Ga. Advised to submit Geological report.

Recommendation TCC-II

The Committee agreed to the GR submission, subject to MECL additionally assessing and reporting the resource potential for Gallium (Ga) and Vanadium (V) within the project area and submitting the Geological report by 30th November 2025.



Annexure -1

List of participants attended 17th meeting of Technical-cum-cost Committee (TCC-II) of NMEDT held on 17th November 2025 through video conferencing mode

S.no	Name	Designation	Email ID	Contact No	Organization
1	Shri. Pradeep Singh	Dy. Director General, GSI, Kolkata	ddg.it@gsi.gov.in	9810233957	Chairman, TCC - II
2	Shri. Sanjay Singh	Director, GSI, Western Region, Jaipur	sanjay.singh3@gsi.gov.in	9928860884	Member Secretary TCC-II
3	Shri. B S Jodha	Dy. Director General (Retired), GSI	jodha1961@gmail.com	9414023478	Member TCC-II
4	Shri. Sunil Kumar Vashisth	GM (Retired), Hindustan Zinc Limited, Udaipur	sunilhzi@gmail.com	9829059236	Member TCC-II
5	Shri. Dilip Kanungo	Chief Ore Dressing officer, IBM	codo@ibm.gov.in	8237047897 9405147897	Member TCC-II
6	Shri. D.S.Jeere	Director, GSI, RSAS Bengaluru.	dattatreya.jeere@gsi.gov.in	-	Member TCC-II
7	Shri M.K.Patel	Dy. Director General (Retired), GSI	patelmk27@gmail.com	9040011231	Member TCC-II
8	Dr. M. K. Mukherjee	Associate Professor IIT (ISM) Dhanbad	mrinal@iitism.ac.in	9431711148	Member TCC-II
9	Dr. T.S.Sunil Kumar	Addl. Director (Retired), AMD	ts.sunilkumar@gmail.com	9502560153	Member TCC-II
10	Shri. Ravi Kumar Gupta	ED (Finance), HCL,	ravi_g@hindustancopper.com	9433274328	Member TCC-II
11	Shri. P.K. Maharana	GM (Finance), NALCO,	pmaharana@rediffmail.com	8500669500	Member TCC-II
12	Shri. Anoop Kumar	CAO, GSI, CHQ Kolkata, GSI	Anoop.kumar2@gsi.gov.in	-	Member TCC-II
13	Shri Shrikant Sharma	HoD (Exploration)	shrikant.mecl@gmail.com	9131229758	MECL, Nagpur
14	Shri. Naveen Kumar Pala	Senior Manager (Geology)	naveenpala.mecl@gmail.com	7738368657	MECL, Nagpur
15	Shri S. K. Satapathy	Senior Manager (Geology)	Sksatapathy4u@gmail.com	9993617090	MECL, Nagpur
16	Shri Vikash Kumar	Sr. Manager (Geology)	vikgeo@gmail.com	9110065089	MECL, Nagpur
17	Shri Sayandeep Chakraborty	Asst Manager (Geology)	Sayanchak2011@gmail.com	9038956935	MECL, Nagpur
18	Shri Dashmesh Singh	Asst Manager (Geology)	Dashmeshsingh@mecl.gov.in	8445346896	MECL, Nagpur




19	Shri Piyush Kalwani	Asst Manager (Geology)	piyushkalwani99@gmail.com	8529192212	MECL, Nagpur
20	Shri Sudeep Manish Toppo	Director	sudeep.toppo@gsi.gov.in	9065146048	GSI
21	Smt. Anju C. S	Superintending Geologist	nmet.mines@gov.in	8588836933	NMET
22	Ms. Bishakha	Sr. Geologist	nmet.mines@gov.in	8126541605	NMET
23	Smt. Palak Kapoor	Sr. Geologist	nmet.mines@gov.in	8851742488	NMET
24	Shri Rajesh Sharma	Sr. Geologist	nmet.mines@gov.in	8377851047	NMET
25	Shri Monu Tomar	Sr. Geophysicist	nmet.mines@gov.in	9467728411	NMET
26	Shri Akshay Verma	Geologist	nmet.mines@gov.in	9911258955	NMET
27	Shri Manish Kumar	Geophysicist	nmet.mines@gov.in	9652258670	NMET