

Ministry of Mines
National Mineral Exploration and Development Trust
Minutes of the 80th Technical-cum-Cost Committee-1 (TCC-1) Meeting held on
28th-29th August, 2025 and 1st September, 2025 through video conferencing

The 80th Meeting of the Technical-cum-Cost Committee-I (TCC-1) of the National Mineral Exploration and Development Trust (NMEDT) was held via video conferencing under the chairmanship of Dr. S. Ravi, Deputy Director General (DDG), Geological Survey of India Training Institute (GSITI) and Chairman, TCC-1, NMEDT, on 28th-29th August, 2025 and 1st September, 2025.

Members of TCC-1, NMEDT and representatives from—DMG Maharashtra, DMG, Karnataka, DGM Odisha, DGM, Chhattisgarh; DGM Goa, MECL, TGMDC, KIOCL, HCL, Maheshwari Mining Pvt. Ltd, United Exploration India Pvt. Ltd., Geo Marine Solutions Pvt. Ltd, Bhushilp Mines and Minerals Private Ltd., Gemcokati Exploration Pvt Ltd, Kartikay Exploration and Mining Services Pvt. Ltd., APC Drilling and Constructions Pvt. Ltd., PRB Infra Projects, Geomarine Exploration and Mining Solutions have attended the meeting through their respective VC modes.

The list of participants is enclosed in Annexure-1.

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

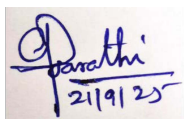
Dr. S. Ravi, Chairman of TCC-1, NMEDT, extended a warm welcome to all members of TCC-1 and participants representing various NEAs and NPEAs and conducted the proceedings as per circulated agenda.

Agenda 80.1: Technical evaluation of new project proposals

Agenda 80.1.1. Reconnaissance survey (G4) for Vanadium, Gallium and other Strategic and Critical Minerals associated with Bauxite & Laterite in Golardih area, Khairagarh-Chhuikhadan-Gandai Districts, Chhattisgarh.

[Implementing Agency: DGM, Chhattisgarh]

- a) The proposed block falls in Survey of India Toposheet 64C/14 and exposes Chilpi Group of rocks.
- b) DGM, Chhattisgarh informed that random sampling was done. The analytical data of the samples collected from the area shows V_2O_5 ranging from 0.109% to 0.512% with average 0.29% and Ga_2O_3 ranging from 0.009% to 0.018% with average 0.0136% in the proposed area.
- c) During the reconnaissance survey of Bhajidongari area F.S. 2023-24, 12 no. of bauxite samples with max 60.82% Al_2O_3 and min 37.04% Al_2O_3 were marked in the area.
- d) Upon review, the committee opined that nearly 50% area falls within Protected Forests and FC may have to be obtained to carry out exploration.
- e) As the area proposed by DGM, Chhattisgarh is very small for G4 level of exploration, the committee advised to reorient the proposed block by extending the block towards


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time schedule of 10 months for carrying out the proposed work and submission of report as per Annexure – 18A & 18B. The item will be reviewed after 04 and 08 months.

Agenda 80.1.15. Preliminary exploration (G3) for Limestone in West of Yepalamadhavaram Block, Suryapet District, Telangana.

[Implementing Agency: MECL]

- a) The proposed block falls in Survey of India TS No. 56P/13 and forms a part of the Palnad Sub-Basin, situated in the northeastern portion of the Cuddapah Basin, which is largely occupied by the Kurnool Group of rocks of Neoproterozoic age.
- b) 19 PL reports required evaluation to ascertain the stage of exploration (G4, G3, etc.) in accordance with the Minerals (Evidence of Mineral Contents) Rules, 2015.
- c) Subsequently, the Department of Geology and Mining (Telangana) in consultation with GSI, MECL, and IBM, reviewed the status of PL reports on 04.06.2025. It was collectively suggested that certain areas be revisited for further exploration.
- d) The committee reviewed the item and found that the proposed block Lies in the vicinity of blocks with 10A(2)b cases.
- e) The committee also opined that number of boreholes may be reduced by avoiding the boreholes falling closure to the boundary.

Recommendations of TCC-1:

The committee recommended the proposal entitled “Preliminary Exploration (G3) for Limestone in West of Yepalamadhavaram Block, District- Suryapet, Telangana” for approval of EC, NMEDT with an estimated cost of ₹77.90 lakhs (including GST) within time schedule of 8 months for carrying out the proposed work and submission of report as per Annexure – 19A & 19B. The item will be reviewed after 04 months.

Agenda 80.1.16. Preliminary exploration (G3) for Limestone in Revuru Block, Suryapet District, Telangana.

[Implementing Agency: MECL]

- a) The proposed block falls in Survey of India TS No. 56P/13 and forms a part of the Palnad Sub-Basin, situated in the northeastern portion of the Cuddapah Basin, which is largely occupied by the Kurnool Group of rocks of Neoproterozoic age.
- b) 19 PL reports required evaluation to ascertain the stage of exploration (G4, G3, etc.) in accordance with the Minerals (Evidence of Mineral Contents) Rules, 2015.
- c) Subsequently, the Department of Geology and Mining (Telangana) in consultation with GSI, MECL, and IBM, reviewed the status of PL reports on 04.06.2025. It was collectively suggested that certain areas be revisited for further exploration.
- d) The committee reviewed the item and found that the proposed block Lies in the vicinity of blocks with 10A(2)b cases.
- e) The committee also opined that number of boreholes may be reduced by avoiding the boreholes falling closure to the boundary.

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Annexure 19A							
Estimated Cost for Preliminary Exploration (G3) for Limestone in West of Yepalamadhavaram Block District- Suryapet , Telengana Total Area - 4.15 Sq Km; Nos. of Borehole - 5 Nos. (Total Drilling: 250 m) ; Borehole depth: 50m ; Completion Time - 08 Months, Review after 04 months							
S.N	Item of Work	Unit	Rates as per NMET SoC 2020-21		Estimated Cost of the Proposal		Remarks
			SoC-Item -SI No.	Rates as per SoC	Qty.	Total Amount (Rs)	
A	GEOLOGICAL WORK						
1	Geological Mapping at 1:4000 Scale, Borehole logging, Sampling & Report writing						
a	Charges for one Geologist per day at HQ	day	1.3	9,000	30	2,70,000	
b	Charges for one Geologist per day at field	day	1.3	11,000	90	9,90,000	
c	Labour for Geologist (2 Nos)	day	5.7	541	180	97,380	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
d	Charges for one Sampler per day (1 Party)	one sampler per day	1.5.2	5,100	30	1,53,000	
e	Labours for sampling work (4 Nos)	day	5.7	541	120	64,920	Amount will be reimbursed as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
2	Survey Work						

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ANNEXURE-VIIIA/4

a	Bore Hole Fixation and determination of co-ordinates & Reduced Level of the boreholes and block cardinal points by DGPS	Per Point of observation	1.6.2	19,200	46	8,83,200	Block cardinal point- 41 Borehole location- 5
b	Charges of one qualified surveyor with Total Station for carrying out topographical survey in different RF and surface contouring at different interval	days	1.6.1a	8,300	30	2,49,000	Survey at 1:4000 Scale
c	4 labours/ party (As per rates of Central Labour Commissioner)	days	5.7	541	120	64,920	Amount will be reimburse as per the notified rates by the Central Labour Commissioner or respective State Govt. whichever is higher
Sub-Total A						27,72,420	
B	Drilling -Soft rock (Outsourcing)						
1	Drilling -Soft rock (Outsourcing)	m	2.2.1.1b	7,168	250	17,92,000	MoC Rate
2	Tendering process cost	One time	2.3	2% of the approved project cost or 5 lakh whichever is lower will be paid one time to Exploration Agency		35,840	Amount will be reimburse as per actuals or max. Rs. 20000 per BH with certification from local authorities

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3	Operational Charges	One time	6.i	In case of total outsourced cost up to ₹50 lakh: In addition, 10 percent of the total outsourced cost will be paid to Exploration Agency towards operational charges.		1,79,200	
4	Drill Core Preservation	Per m	5.3	1,590	200	3,18,000	
	Sub Total B					23,25,040	
C	LABORATORY STUDIES						
1	<u>Chemical Analysis</u>						
i)	Primary samples						
	a. For 10 radicals i.e. CaO, MgO, Al ₂ O ₃ , SiO ₂ , Fe ₂ O ₃ , Na ₂ O, SO ₃ , P ₂ O ₅ , K ₂ O by XRF and LOI	Nos	4.1.15a	4,200	220	9,24,000	40 Nos of Samples shall be generated per Boreholes
ii)	Check samples External(10%)						
	a. For 10 radicals i.e. CaO, MgO, Al ₂ O ₃ , SiO ₂ , Fe ₂ O ₃ , Na ₂ O, SO ₃ , P ₂ O ₅ , K ₂ O by XRF and LOI	Nos	4.1.15a	4,200	22	92,400	
iii)	10% of Primary sample will be studies for 34 Elemental Analysis by IC-PMS method	Per Sample	4.1.14	7,731	-	-	
iv)	Check samples External(10%)	Per Sample	4.1.14	7,731	-	-	
v)	Bulk Density	per sample	4.1	3,540	2	7,080	
vi)	Preparation of thin section	per sample	4.3.1	2,353	3	7,059	
vii)	Study of thin section for petrography	per sample	4.3.4	4,232	3	12,696	

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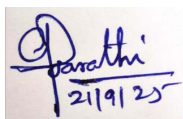
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viii)	Digital photomicrograph of thin polished section	per sample	4.3.7	280	3	840	
	Total - C					10,44,075	
D	Sub Total (A to C)					61,41,535	
E	Geological Report Preparation		5.2	For exploration exceeding ₹50 lakh but less than 150 lakh A Minimum of ₹2.5 lakh or 5% of the work whichever is more and ₹ 3000/- per each additional copy.		3,07,077	
F	Preparation of Exploration Proposal (5 Hard copies with a soft copy)	5 Hard copies with a soft copy	5.1	2% of the Cost or Rs. 5.0 Lakhs whichever is lower		1,22,831	
G	Peer review Charges		As per EC decision			30,000	
H	Total Estimated Cost without GST					66,01,442	
I	Provision for GST (18% of H)	%				11,88,260	GST will be reimbursed as per actual and as per notified prescribed rate
J	Total Estimated Cost with GST					77,89,702	

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				or Say Rs. In Lakhs	77.90	
Note:						
1	Strict adherence to the Ministry of Finance's and GFR guidelines is mandatory. Every transaction must adhere to GFR rule 21.					
2	In case of delay/non- performance, the appropriate action will be taken by competent authority against delinquent agency as per prevailing govt. of India rules/guidelines on procurement					
3	If any part of the project is outsourced, the amount will be reimbursed as per the Paragraph 3 of NMET SoC and Item no. 6 of NMET SoC. In case of execution of the project by NEA on its own, a Certificate regarding non outsourcing of any component/project is required.					
4	Necessary efforts should be made to minimize any adverse impact on the environment during exploration activities.					
5	Any item of work not mentioned above shall be added as per SoC.					
6	All the Geological Reports and data are to be uploaded on NGDR as per MERT template by the agency					



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Annexure 19B											
Time schedule/ Action Plan for Preliminary Exploration (G3) for Limestone in West of Yepalamadhavaram Block District- Suryapet , Telengana											
Sl. No.	Activities	Unit	MONTHS								
			1	2	3	4	Review	5	6	7	8
1	Tendering										
2	Surface Drilling (1 rig)	m.									
3	Geologist Party days in field (1 Party)	day									
4	Topographic Survey										
5	Sampling Party days, Core Sampling (1 party)	day									
6	Laboratory Studies	Nos.									
7	Geologist Party days in HQ (1 Party)	day									
8	Geological Report Writing with Peer Review	Month									

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