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Government of India
Ministry of Mines
National Mineral Exploration Trust

F. No. 6/2/2015-NMET/ 290 New Delhi, 31st March 2021

Subject: Circulation of Minutes of 19th Meeting of the Executive Committee of National Mineral Exploration Trust (NMET) held on 26th March, 2021.

Please find enclosed the minutes of 19th Meeting of Executive Committee of NMET held on 26th March, 2021 for your kind perusal.

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

31/03/2021

[Amit Saran]
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, 2nd Floor, Indira Bhawan, Civil Lines, Nagpur-440001.
7. The Secretary, Department of Mines & Geology, Govt. of Andhra Pradesh, A.P. Secretariat, 2nd Block, Room No.101, Amravati, Vijayawada-522238.
8. The Secretary, Mineral Resources Dept., Govt. of Chhattisgarh, Mantralaya, Mahanadi Bhawan, Naya Raipur, Raipur-492001.
9. The Principal Secretary, Mineral Resources Department, Govt. of Madhya Pradesh, Mantralaya, Vallabh Bhawan, Bhopal-462004.
10. The Secretary, Department of Industries, Mines & Geology, Govt. of Jharkhand, Second Floor, Above SBI Building, Besides MDI Building, Project Building, Dhurva, Ranchi-834004.
11. Dr. N. P. Nathan, Retd. DDG, GSI, 151/2A, Govinda Pillai Colony, Camp Road, Selaiyur (PO), Chennai-600073.
12. Dr. Hari Shankar Pandalai, Professor, Dept. of Earth Science, IIT, Bombay, Powai, Mumbai-400076.

13. Shri P. S. Parihar, Director (Retd.) Atomic Minerals Directorate for Exploration and Research, Department of Atomic Energy, A202, Aashima Mall, Hoshangabad Road, Bhopal-462026.
14. Shri Naresh Nautiyal, Head (Retd.) Business Development & Planning, MECL, 109, KT Nagar, Katol Road, Nagpur-440013.
15. Shri Alok Sharma, Retd. GM & HoD (Exploration), CMPDIL, 402, Lake Garden Apartment, Opposite Gandhi Nagar, Kanke Road, Ranchi-834008.

Copy to:

1. The Additional Director General and Chairman, TCC-NMET, Southern Region, GSI Complex, Bandlaguda, Hyderabad-500068.
2. The Director (Technical), Ministry of Mines, Shastri Bhawan, New Delhi-110001.
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 Principal Secretary, Dept. of Mines & Geology, Govt. of Goa, Secretariat, Porvorim, Goa-403521.
15. The Secretary, Dept. of Industries & Commerce (MSME & Mines), Govt. of Karnataka, Room No.136, 1st floor, Vikas Soudha, Bengaluru-560001.
16. The Addl. Chief Secretary (Industries & Mines), Govt. of Maharashtra, Room No. 114, 1st floor, Industry & Labour Dept., Mantralaya Annexe Building, Mumbai-400032.
17. The Principal Secretary, Dept. of Steel & Mines, Government of Odisha, Odisha Secretariat, Bhubaneswar-751001.
18. The Principal Secretary, Dept. of Mines, Govt. of Rajasthan, Secretariat, Jaipur-302005.
19. The Principal Secretary, Dept. of Industries, Govt. of Tamil Nadu, Secretariat, Chennai-600009.
20. The Principal Secretary (Industries & Mines), Govt. of Telangana, D-Block, Telangana Secretariat, Hyderabad-500022

21. The Director, AMD, Department of Atomic Energy, AMD Complex, Begumpet, Hyderabad-500016.
22. The Director, Department of Mines and Geology, Government of Andhra Pradesh, 5th and 6th Floor, D. No.7-104, B- Block, Anjaneya Tower, Ibrahimpatnam, Vijayawada-521456.
23. The Director, Directorate of Geology & Mining, Govt. of Chhattisgarh, Indravati Bhavan, Block No-4, 2nd Floor, Naya Raipur-492002.
24. The Director of Mines & Geology, Government of Goa, Inst. Menezes Braganza Building, Ground Floor, Panjim, Goa-403001.
25. The Director, Department of Industries, Udyog Bhawan, Bemloe, Shimla-171001.
26. The Director, Department of Geology and Mining, Government of Jammu and Kashmir, J.L. Nehru Udyog Bhawan, 4th Floor, Rail Head Complex, Jammu-80006.
27. The Director (Mines), Directorate of Mines, Government of Jharkhand, Nepal House, Doranda, Ranchi-834001.
28. The Director, Department of Mines & Geology, Government of Karnataka, No.49, Khanij Bhawan, Race Course Road, Bengaluru-560001.
29. The Director, Directorate of Mining & Geology, Government of Kerala, Kesavadasapuram, Pattom Palace, Thiruvananthapuram-695004.
30. The Director, Directorate of Geology & Mining, 29-A, Khanij Bhawan, Arera Hills, Bhopal-462004.
31. The Director, Directorate of Geology and Mining, Government of Maharashtra, Khanij Bhavan, 27, Shivaji Nagar, Cement Road, Nagpur-440010.
32. The Director, Directorate of Mines, Government of Odisha, Bhu-Bigyan Bhavan, Bhubaneswar-751001
33. The Director, Mines and Geology Directorate, Government of Rajasthan, Khanij Bhawan, Shastri Circle, Udaipur-313101.
34. The Commissioner of Geology & Mining, Government of Tamil Nadu, Secretariat, Guindy, Chennai-600032.
35. The Director of Mines and Geology, Government of Telangana, 8th Floor, 'D' Block, B.R.K.R. Bhavan, Tankbund, Hyderabad-500063.
36. The Director, Directorate of Geology & Mining, Government of Uttar Pradesh, 27/8 Raja Ram Mohan Roy Marg, Khanij Bhavan, Lucknow-226001.
37. The Director, Geology and Mining Unit, Govt. of Uttarakhand, 4 Subhash Road, Secretariat, Dehradun-248001.
38. The Director, Directorate of Mines & Minerals, Government of West Bengal, 4, Abanindranath Tagore Sarani, 2nd floor, Kolkata-700016.
39. The Director, Department of Mines, Minerals & Geology, Government of Sikkim, Secretariat Complex, Tashiling, Gangtok-737101.
40. The Director, Directorate of Mineral Resources, Government of Meghalaya, Risa Colony, Shillong-793003.
41. The Director (Geology & Mining), Directorate of Geology, Government of Nagaland, Dimapur-797112.
42. The Managing Director, Odisha Mining Corporation, OMC House, Bhubaneswar-751001.

Copy for information to:

1. PS to Hon'ble Minister of Mines, Shastri Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001.
2. PSO to Secretary/ PPS to AS / PS to JS (UJ) /PS to JS&FA, Ministry of Mines, Shastri Bhawan, New Delhi-110001.

Government of India
Ministry of Mines
National Mineral Exploration Trust (NMET)

Minutes of the 19th meeting of the Executive Committee of National Mineral Exploration Trust (NMET) held on 26th March, 2021

The 19th meeting of the Executive Committee of National Mineral Exploration Trust (NMET) was held under the Chairmanship of Shri Alok Tandon, Secretary (Mines) on 26th March, 2021 in Khanij Kaksh, Ministry of Mines, Shastri Bhawan, New Delhi through video conference. The list of participants is given in **Annexure-1**.

Shri Upendra Chandra Joshi, Joint Secretary, Mines and Member Secretary, EC welcomed all the participants and Shri Alok Tandon, Secretary, Mines and Chairman, NMET in his presiding address emphasized the need to enhance exploration activity through NMET.

Following are the agenda points discussed and decisions taken.

AGENDA 19.1: Approval of minutes of 18th meeting of EC held on 17th February, 2021

The minutes of 18th EC was circulated on 24th February, 2021 to all members of Executive Committee (EC) and no comments have been received till date.

Decision of EC

EC approved the minutes of the 18th EC meeting held on 17th February, 2021.

AGENDA 19.2: Discussion on ATR of the 18th meeting of Executive Committee

The Action Taken Report on minutes of the 18th EC meeting was presented in the meeting. The Member Secretary, NMET informed that necessary action have been taken on the decision of the minutes of 18th EC meeting.

Decision of EC

EC accepted the action taken reports on minutes of 18th EC meeting.

AGENDA 19.3: Approval of new project proposals recommended by the Technical-cum-Cost Committee (TCC)

A total of 12 projects proposed by TCC during 28th TCC meeting held on 11th & 12th February, 2021 as well as limestone projects recommended by 27th TCC and were to be discussed in next EC meeting as per decision of 18th EC meeting, were considered by E.C for sanction as under:

S. No.	Project/Block Name	Commodity	Stage	Duration (Months)	Approved Cost (₹ Cr. including GST)
Implementing Agency: GSI					
1	Heliborne Survey (Phase-I) over 8 mineral target zones identified from interpreted Legacy Aero-geophysical data in parts of Odisha, Chhattisgarh, AP, Telangana and Karnataka.	Baseline geoscience data	--	12	19.00
2	Multi-Sensor Aero-geophysical Surveys over Obvious Geological Potential areas of India, Blocks-6 and 8.	Baseline geoscience data	--	17	84.79
3	Heliborne Time Domain Electromagnetic (TDEM) and Magnetic Survey over target mineral areas H1 and H2 as follow up surveys recommended by analysis of Aerogeophysical data over OGP Blocks 1 & 2 (Phase-I).	Baseline geoscience data	--	12	7.00
				Sub Total-A	**110.79**
Implementing Agency: MECL					
4	General Exploration for Limestone in Periyakurichi Block, District- Ariyalur, Tamil Nadu.	Limestone*	G2	9	1.18
5	General Exploration in Sendurai and Maruvathur Limestone Block, District- Ariyalur, Tamil Nadu.	Limestone*	G2	10	1.40
6	General Exploration for Iron Ore near Kajlodiya, Tehsil-Banera, District- Bhilwara, Rajasthan.	Iron Ore**	G2	18	5.97
7	Evaluation of Graphite Resources in already explored G2 manganese blocks of Tamiya, Rengali, Babja and Biarpalli, District- Balangir, Odisha.	Graphite	G2	06	0.58
				Sub Total-B	**9.13**
Implementing Agency: KIOCL					
8	General Exploration for Limestone in Reddipalayam amalgamated Limestone Block-2, District- Ariyalur, Tamil Nadu.	Limestone*	G2	8	1.43
				Sub Total-C	**1.43**
Implementing Agency: DGM Chhattisgarh					
9	General Exploration for bauxite in Dandkesra north, District- Surguja, Chhattisgarh.	Bauxite	G2	15	1.30

10	General Exploration for bauxite in Parpatia, District- Surguja, Chhattisgarh.	Bauxite	G2	15	5.48
11	General Exploration for bauxite in Dumarguda, District- Surguja, Chhattisgarh.	Bauxite	G2	15	2.49
12	Reconnaissance Survey Iron Ore in Rowghat area, District- Kanker, Chhattisgarh.	Iron Ore	G4	18	0.63
				Sub Total-D	**9.90**
				Total A+B+C+D	**131.25**

*DGM, Tamil Nadu has submitted the details on demand and availability of limestone in the State vide Lr.No.5538/MM11/2016-1 dated 17.12.2020 and Lr.No.5538/MM11/2016-2 dated 02.02.2021. To meet out the requirement/demand of the limestone, it is essential for taking up exploration for limestone in Tamil Nadu.

**DGM, Rajasthan has submitted letter vide No.DGM/Geol/SMF/NMET/Part-II/241J/823 dated 15/03/2021, regarding the need of iron ore and limestone for the State.

EC was informed that as per the minutes of the 18th EC meeting held on 17th February, 2021, the project summary for projects [Heliborne (2 nos.), Aero-geophysical Survey (1 no.)] had been circulated to all the EC expert members and a presentation on aero-geophysical survey block-1 to 4 was made by GSI to all the technical expert members of EC and TCC. All the queries and concerns raised by expert members were resolved by GSI.

Dr. N. P. Nathan, DDG (Retd.) suggested that all the identified potential zone of aero-geophysical survey blocks [Block- 1 to 4] needs to be validated on ground and data should be integrated involving geologists, geophysicists and chemists of GSI. He emphasized the need to expedite aero-geophysical projects and heliborne projects at a faster pace.

Dr. D. K. Sinha, Director, AMD suggested that the record note of the meeting held by GSI with AMD be circulated to all members of EC. Dr. Ranjit Rath, Director General, GSI informed that recorded note along with the suggestions of expert members will be circulated by GSI.

The Chairman, TCC, NMET presented the details of projects proposed by TCC during 28th TCC meeting held on 11th & 12th February, 2021 and limestone projects recommended by 27th TCC.

For project proposal for Iron Ore exploration in Kajlodiya area, Tehsil-Banera, District-Bhilwara, Rajasthan by MECL; Shri P. S. Parihar, Director (Retd.) AMD informed that AMD had done drilling in the area and that drilling data can be shared by AMD for further technical discussion. He added that the magnetite mineralization is mainly localised in fractured zones having small extent. It was decided that AMD will immediately share the data with NMET and

TCC will examine the same to consider if any modification is required in the proposal. The proposal will be considered in the next EC meeting.

Secretary, Mines and Chairman, EC, NMET advised that as the rules for mineral exploration for limestone and bauxite are under revision, so the projects for limestone and bauxite may not be required.

Decision of EC

- EC approved the projects at S. No. 1, 2, 3, 7 and 12 with an estimated cost of ₹112.00 Cr.
- Decision on Project at S. No. 6 was deferred. A technical review will be done based on data to be shared by AMD and put up in next EC meeting.
- Projects pertaining to Limestone and Bauxite at S. No. 4, 5, 8, 9, 10 and 11 were not approved and closed by EC.

(Action: GSI/AMD/NMET)

Meeting ended with vote of thanks by Shri Amit Saran, Director & HoD NMET.

Annexure-1

List of Participants in 19th EC Meeting held on 26th March, 2021 at Khanij Kaksh, Ministry of Mines, New Delhi

S. No.	Name & Designation	Organization/ email	Remarks
1	Shri Alok Tandon, Secretary	Ministry of Mines secy_mines@nic.in	In chair
2	Shri Sanjay Lohiya, Addl. Secretary, Mines & CG, IBM	Indian Bureau of Mines cg@ibm.gov.in	Member, *Ex officio*
3	Shri Upendra C. Joshi, Joint Secretary, Ministry of Mines	Ministry of Mines ucjoshi.88@gov.in	Member Secretary, *Ex officio*
4	Dr. Ranjit Rath, Director General	Geological Survey of India dg.gsi@gov.in	Member, *Ex officio*
5	Dr. D. K. Sinha, Director (AMD)	AMD, Dept. of Atomic Energy, director.amd@gov.in	Member, *Ex officio*
6	Shri Vineet K. Austin, Director	Directorate of Geology and Mining, Govt. of Madhya Pradesh	State Representative
7	Dr. Hari Shankar Pandalai, Professor, IIT Mumbai	Exploration Expert, hspandalai9@gmail.com	Nominated Member
8	Shri P. S. Parihar, Director (Retd.), AMD	Exploration Expert, pariharps1954@gmail.com	Nominated Member
9	Shri Naresh Nautiyal, Head (BD&P) (Retd.), MECL	Exploration Expert, nautiyal.naresh5@gmail.com	Nominated Member
10	Shri Alok Sharma, GM & HoD (Expl) (Retd), CMPDIL	Exploration Expert, aloksharma360@gmail.com	Nominated Member
11	Shri Janardan Prasad, Addl. Director General and Chairman, TCC	Geological Survey of India janardan.prasad@gsi.gov.in	Invitee
12	Shri Amit Saran, Director	Ministry of Mines amit.saran@nic.in	HoD, NMET
13	Shri Pradeep Singh, Director [Tech]	Ministry of Mines dirtech.mom@nic.in	Invitee
14	Shri V. Ravi Chand, Dy. Director	Department of Mines and Geology Govt. of Andhra Pradesh directormines@yahoo.co.in	State Representative
15	Shri Kailash Dongre, Joint Director	Mineral Resource Department, Govt. of Chhattisgarh	State Representative
16	Shri V. K. Ojha, Dy. Director, Dept. of Geology	Department of Mines and Geology, Govt. of Jharkhand	State Representative

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