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Government of India  
Ministry of Mines  
National Mineral Exploration Trust


F.No.6/2/2015-NMET/ 227

New Delhi, 27<sup>th</sup> September, 2023

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

Please find enclosed the minutes of 31<sup>st</sup> meeting of Executive Committee of NMET held on 12<sup>th</sup> 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<sup>nd</sup> 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.

**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 and 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 persistent 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 quite 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)**

**Annexure 1****List of Attendees for 31<sup>st</sup> EC held on 12<sup>th</sup> September 2023**

Sl. No.	Name & Designation	Organization / Email	Remarks
1	Shri. V. L. Kantha Rao, IAS, Secretary	Ministry of Mines <i>secy-mines@nic.in</i>	Chairperson, ex officio
2	Smt. Veenu Gupta, IAS, ACS	Government of Rajasthan <i>secy-mines@rajasthan.gov.in</i>	Member, ex officio
3	Shri. Sanjay Lohiya, IAS, Additional Secretary	Ministry of Mines <i>sanjay.lohiya@gov.in</i>	Member Secretary Ex officio
4	Shri. Raghvendra Kumar Singh, IAS, PS	Mineral Resource Department Government of Madhya Pradesh <i>secymining@mp.gov.in</i>	Member, ex officio
5	Shri Janardan Prasad, Director General	Geological Survey of India <i>janardan.prasad@gsi.gov.in</i>	Member, ex officio
6	Shri. B. Saravanan, Director	AMD, Dept. of Atomic Energy, <i>director.amd@gov.in</i>	Member, ex officio
7	Smt. Nirupama Kotru, JS&FA	Ministry of Mines and Ministry of Coal <i>nirupama.kotru50@nic.in</i>	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 <i>rk.kureel@nic.in</i>	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, <i>aloksharma360@gmail.com</i>	Nominated Member
16	Shri Naresh Nautiyal, Head (Retd.), MECL.	Exploration Expert, <i>nautiyal.naresh5@gmail.com</i>	Nominated Member
17	Dr. Yamuna Singh, (Retd.), Scientist-H, AMD	Exploration Expert, <i>yamunasingh1957@gmail.com</i>	Nominated Member

18	Dr. Laxman Singh Shekhawat, DDG (Retd), GSI	Exploration Expert <i>shekhawatls57@gmail.com</i>	Nominated Member
19	Dr. Sahendra Singh, Associate Professor,	Exploration Expert, <i>sahendra@iitism.ac.in</i>	Nominated Member
20	Shri Vivek Kumar Sharma, Director & HoD NMET	Ministry of Mines <i>vksharma.ofb@gov.in</i>	Director & HoD, NMET
<b>Geological Survey of India</b>			
21	Dr. S. Ravi, DDG, GSI and Chairman TCC	<i>s.ravi1@gsi.gov.in</i>	Invitee
<b>Mineral Exploration and Consultancy Limited</b>			
22	Shri. Indra Dev Narayan, CMD, MECL	MECL <i>cmd@mecl.gov.in</i>	Invitee
23	Shri. P. Ravindren, GM(Exploration)	MECL <i>gm-exploration@mecl.gov.in</i>	Invitee
24	Shri. Yogesh Sharma, Advisor, MECL	MECL <i>yogesh21@hotmail.com</i>	Invitee
<b>NMET</b>			
25	Dr. Sangeeta Gupta Superintending Geologist	Ministry of Mines <i>nmet.mines@gov.in</i>	NMET
26	Smt. Anju C.S., Senior Geologist	Ministry of Mines <i>nmet.mines@gov.in</i>	NMET
27	Smt. Ujjwala Sharma , Senior Geologist	Ministry of Mines <i>nmet.mines@gov.in</i>	NMET
28	Shri. Ravi Dutt, Cost Accounts Officer	Ministry of Mines <i>nmet.mines@gov.in</i>	NMET
29	Shri. Sunil Kumar, Administrative Officer	Ministry of Mines <i>nmet.mines@gov.in</i>	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)
<b>A. Agency: MECL</b>					
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
<b>Sub Total-A</b>					<b>734.34</b>
<b>B. Agency: DGM Chhattisgarh (M/s. Maheshwari Mining Pvt. Ltd.)</b>					
4.	Reconnaissance Survey (G-4 Stage) for Graphite in Dindo-Belkurta-Basera Block, District: Surguja, Chhattisgarh.	Graphite	G4	12	104.64
<b>Sub Total-B</b>					<b>104.64</b>
<b>C. Agency: CGM Gujarat</b>					
5.	Preliminary Exploration (G-3 stage) for Bauxite in Maleta-Bankodi Block, Devbhumi Dwarka District, Gujarat.	Bauxite	G3	5	126.64
6.	Preliminary 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
<b>Sub Total-C</b>					<b>345.14</b>
<b>D. Agency: CGM Gujarat (M/s Geovale servies Pvt Ltd.)</b>					
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

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

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

#### **B. Financial assistance projects**

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

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