Government of India

Ministry of Mines
NATIONAL MINERAL EXPLORATION TRUST (NMET)

Sub: Minutes of the 4th meeting of the Executive Committee of National Mineral Exploration Trust (NMET) held on 21st February 2017.

The 4th meeting of the Executive Committee of National Mineral Exploration Trust (NMET) was held under the Chairmanship of Shri Balvinder Kumar, Secretary, Mines, on 21st February 2017, in the Aluminium Hall, Ministry of Mines, Shastri Bhawan, New Delhi.

Dr. Niranjan K. Singh, Joint Secretary and Member Secretary, NMET welcomed the participants and agenda-wise discussions followed.

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

4.0 Confirmation of minutes of the 3rd meeting

The minutes of the 3rd meeting of the Executive Committee was circulated on 21.11.2016. No comments were received. The committee confirmed the minutes.

4.1 Action Taken Report on the minutes of the 3rd meeting of the Executive Committee.

The Member Secretary presented the Action Taken Report as below:

4.1.1 Collection of NMET contributions by States

NMET Central account has received a total **Rs.591.00 crores** as 2% equivalent of royalty from coal and non-coal minerals, as on 17.2.2017. However, NMET contributions reported by States added up to only Rs. 450.00 crores. Since there is discrepancy in the two figures, the Chairman directed the States to update and upload reconciled monthly statements on NMET website on priority w.e.f 12.01.2015.

States are collecting royalty on a regular basis and therefore, they should furnish month-wise royalty collection w.e.f. 12.1.2015 on NMET website, so that NMET dues can be calculated.

(Action: All State DGMs)

4.1.2 Evaluation of exploration proposals from Ministry of Coal on a priority by Technical Committee.

Evaluation of mineral exploration proposals on coal and lignite were taken up on a priority. The Technical Committee after evaluation recommended two proposals each of CMPDIL and NLC to the Executive Committee:

CMPDIL

(a) G3/G2 level exploration for coal in Nonbirra Block, Mand-Raigarh Coalfield, Chhattisgarh (estimated cost: Rs.22.20 crores).

(b) G3/G2 level exploration for coal in Recherla Block, Godavari Valley Coal Fields, A.P. (estimated cost: Rs.13.17 crores).

NLC

(a) G2/G1 level exploration for lignite at Veeranam, Tamil Nadu

(b) G2/G1 level exploration for lignite at Palayamkottai, Tamil Nadu at a cumulative cost of Rs. 78.93 crores.

4.1.3 Expansion of Technical Committee

The Technical Committee has been expanded and the present composition is as below:

1. Dr. P.R. Golani, DDG, GSI, TI:	Chairman
2. Dr. Manoranjan Mohanty, DDG, GSI:	Member
3. Dr. Joyesh Bagchi, Director (T), MoM:	Member
4. Shri P. Tarafdar, Director, GSI:	Member
5. Dr. J.V. Ramarao, Director (Geophysics), GSI:	Member
6. Shri Alok Sharma, GM (Geology), CMPDIL:	Member
7. Shri S.K. Adhikari, Chief Mining Geologist, IBM, Nagpur:	Member
8. One Member from NMET Secretariat:	Member
9. Shri S.K. Thakur, GM (Exploration), MECL:	Member Secretary

During the technical evaluation of project proposals, officers from the concerned State DGMs or other agencies involved in the exploration project are also invited for discussions.

4.1.4 Constitution of sub-committees under the Technical Committee to monitor exploration projects.

With a view to expedite evaluation and approval of new projects and for periodical monitoring of progress of on-going projects, regional-level screening-cum-monitoring sub-committees have been constituted under the RMH-II in all six Regions of GSI, with members from GSI, DGM and domain experts. After initial screening of new proposals, this committee will forward its findings/recommendations to the Technical Committee for final evaluation. This committee will also monitor and report progress of on-going exploration projects in their respective regions to the Technical Committee,.

4.1.5 Creation of a revolving fund for MECL to implement mineral exploration projects

Committee discussed the previous decision on providing a revolving fund to MECL to implement projects. Chairman opined that there are three options of funding mineral exploration projects executed by MECL.

i) Providing a revolving fund to MECL for executing projects, which will be reimbursed by the States, upon auction of the respective mineral blocks.
ii) A revolving fund to MECL to be replenished/maintained with funds from NMET.
iii) Direct funding of projects from NMET funds without establishing a revolving fund.

For disbursement of money to MECL and other agencies, first an approved accounting procedure needs to be put in place. In this regard, JS&FA, Mines informed that the accounting procedure for NMET will be finalised in a month's time.

A final view on the modus of funding MECL will be taken up in the next GB meeting.

4.1.6 Signing of Tripartite Agreement with State Governments

Mineral exploration projects in various States are taken up by MECL after signing a tripartite agreement among MECL, NMET and respective State governments regarding reimbursement of exploration costs on auction of mineral blocks explored.

As of now, 9 States have signed the Tripartite Agreements - (1) Andhra Pradesh, (2) Chhattisgarh, (3) Karnataka, (4) Jharkhand, (5) Madhya Pradesh, (6) Maharashtra, (7) Odisha, (8) Rajasthan and (9) Telangana.

MECL informed that tripartite agreements will be signed with Kerala, Tamilnadu and Gujarat shortly.

4.1.7 IBM to submit detailed proposal on requirement of funds, modalities of payment and procedure of auditing for star rating of mines.

It was decided in-principle that the cost of auditing for Star Rating of mines will be borne by NMET. Accordingly, IBM was advised to work on modalities of payment from NMET. IBM envisages an expenditure of Rs.2.0 crore per annum for auditing for Star Rating of mines.

IBM was to prepare a project proposal for modernization of its mineral beneficiation facilities. IBM may engage any expert/consultant for preparing the proposal.

(Action: IBM)

4.1.8 Hand Holding support to State Governments for auction of mineral blocks

Executive Committee accorded in principle approval to meet the expenses raised by M/s. MSTC, MECON and SBI CAPS, for the hand holding support offered to State Governments, for delineation of mineral blocks for auction and other services to facilitate auction, from NMET Funds.

4.2 Status of NMET Fund and reporting by States

To resolve the issue of reconciliation of NMET payments received from States with NMET Account, Ministry of Mines has been repeatedly requesting States to follow the prescribed norm of collecting NMET contributions at State level first and transferring the cumulative amount month-wise to the Central NMET Account. The miners should not deposit the NMET contribution directly into the Central account of NMET

The States are once more directed to collect NMET contributions in a State account and transfer the cumulative amount on a monthly basis to NMET central account.

(Action: State DGMs, NMET Secretariat)

4.3 Status of on-going mineral exploration projects

Based on the recommendations of the Technical Committee, the Executive Committee approved 11 (eleven) G4 level exploration projects on 9.5.2016 and 9 (nine) G4 level and 1 (one) G3 up-gradation on 25.10.2016 (Total 21 projects under execution by MECL). As on date, a total four G4 level exploration projects have been completed and based on positive results, all of them were recommended for G3 level up-gradation. One G3 level exploration for limestone is now in progress.

Chairman, Technical Committee Dr. P.R. Golani and CMD, MECL Dr. Gopal Dhawan informed that all the on-going exploration projects are adhering to the timelines and based on results, they are being seamlessly upgraded from G4 to G3 level.

4.4 New proposals on mineral exploration recommended by the Technical Committee of NMET for funding

Member Secretary presented the list of 39 (thirty nine) new proposals recommended by the Technical Committee. Majority of these proposals are on non-bulk minerals like base metal, gold, PGE, silver, diamond, etc. It includes 25 (twenty five) G4 and 3 (three) G3 level exploration projects by MECL, 5 (five) G4 level exploration projects by NMDC, 2 (two) G4 level exploration by KIOCL, 2 (two) G3/G2 level exploration for coal by CMPDIL and 2 (two) G2 level exploration for lignite by NLC. The total estimated cost of projects is Rs. 203.14 crores.

The Chairman, Technical Committee stressed upon the need to take up exploration projects on REE/PGE critical minerals/potash etc. as prescribed in the NMEP 2016.

After reviewing the new proposals, the Chairman directed MECL to concentrate more on exploration for critical minerals/PGE/REE, etc. and leave exploration of bulk commodities like limestone to State Governments.

(Action: MECL, State DGMs)

The Executive Committee approved 39 mineral exploration project proposals at an estimated cost of Rs.203.14 crores. The list of approved projects and implementing agencies is at **Annexure-2**.

4.5 Capacity building of State DGMs in mineral exploration

Chhattisgarh, Kerala and Maharashtra submitted proposals on capacity building through the Regional Committees constituted to assess and recommend the capacity building needs of State DGMs. Andhra Pradesh submitted a proposal on capacity building of MERIT (Mineral Exploration Research and Innovation Trust), which is established to provide thrust to exploration research and innovation activities in mining sector in the State.

To evaluate and finalise the proposals on capacity building received from the States, a Committee will be constituted by the Joint Secretary and Member Secretary, Executive Committee, NMET with members from GSI, IBM and few other experts. The Committee will examine the proposals submitted by the states and recommend to the Executive Committee.

(Action: NMET Secretariat)

DGM, Maharashtra requested reimbursement of Rs. 9,31,500/- fee to MECL, for training its drilling personnel in Advanced Drilling Techniques. The Executive Committee accorded in principle approval for the payment of course fee to MECL from NMET Funds**.**

4.6 Honorarium for peer review of exploration reports

The Executive Committee also approved payment of Rs.10,000/- as honorarium, for peer review of final reports of mineral exploration generated under NMET.

The meeting concluded with vote of thanks to the Chair.

Annexure-1

List of Participants
4th Executive Committee Meeting of NMET
21st February, 2017

Sl. No	Name & Designation	Organization/Contact No. /email	Remarks
1.	Shri Balvinder Kumar Secretary	Ministry of Mines secy-mines@nic.in	In Chair
2.	Dr. Niranjan K. Singh Joint Secretary	Ministry of Mines jse-mines@nic.in	Member Secretary, *ex officio*
3.	Ms. Reena S Puri JS&FA, Member	Ministry of Mines	Member, *ex officio*
4.	Shri M. Raju Director General	Geological Survey of India 9432672087 geolraju@gmail.com	Member, *ex officio*
5.	Shri Ranjan Sahai Controller General (I/C)	Indian Bureau of Mines	Member, *ex officio*
6.	Shri Peeyush Kumar Director (Tech.)	Ministry of Coal 23381536 dirtech.moc@nic.in	Member, *ex officio*
7.	Shri Rakesh Mishra Under Secretary	MoP&NG 23385557 usexplI-mopng@nic.in	Member, *ex officio*
8.	Dr. D.R. Patel Joint Director	D.G.M. Chhattisgarh 9827153271 pateldrdgm@gmail.com	Member, *ex officio*
9.	Shri Shashi Kanth Reddy Joint Director, Mines	DGM, Karnataka 09845933999 08022384134 addmindmg@gmail.com	Member, *ex officio*
10.	Dr. Ashutosh Bhandari Suptdg. Geologist	DMG, Rajasthan SUPGEO.JAIPUR@rajasthan.org.in	Member, *ex officio*
11.	Dr. P. R. Golani Dy. Director General	GSI, Hyderabad 09414074055, prggsi@gmail.com	Nominated Expert & Chairman, Technical Committee, NMET
12.	Prof. Bhabesh Chandra Sarkar	IIT (ISM), Dhanbad 9431121653 bhabeshsarkar2005@gmail.com	Nominated Expert
13.	Shri M. Koshy John Dy. Director General	GSI 9868228632 koshyjohnm@gmail.com	Invitee
14.	Dr. Gopal Dhawan CMD	MECL 8007771467 cmd@mecl.gov.in	

15.	Dr. Joyesh Bagchi Director (Tech.)	Ministry of Mines 9868918087 dirtech.mom@nic.in	Invitee
16.	Shri E. Hanumantha Rao CEO, MERIT	DMG, Andhra Pradesh 709327096 eadararao@gmail.com	Invitee
17.	Shri V. Koteswara Raju Joint Director	DMG, Andhra Pradesh 9100688804	Invitee
18.	Shri Vinod Bagdey Regional Head	DGM, Madhya Pradesh	Invitee
19.	Shri R.Palaniswamy Commissioner of Geology & Mining	Govt. of Tamil Nadu 09840063196 geomine@nic.in	Invitee
20.	Shri S. Sudarsanam Deputy Director	DGM, Tamil Nadu 9443420240, sudarsanam100@gmail.com	Invitee
21.	Tmt. V.Aruna Deputy Director	DGM, Tamil Nadu 9176610867 cgmchennai32@gmail.com	Invitee
22.	Shri B R V Susheel Kumar Director	DMG, Telagana directorminests@gmail.com	Invitee
23.	Shri Yogesh Sharma G.M.(CBD & P/E)	MECL 9810163792 yogesh21@hotmail.com	Invitee
24.	B.P. Raturi Dy. G.M. (Exploration)	MECL 9422806417	Invitee
25.	Shri S.K. Adhikari Chief Mining Geologist	IBM 7588690545 skadhikari@ibm.gov.in	Invitee
26.	Shri Alok Sharma GM (Geology)	CMPDI 9973814589/8987289065	Invitee
27.	Shri Rajiva Kr. Singh Sr. Mgr (Geology)	CMPDI 9431106533	Invitee
28.	Shri P. Sharma Jt.GM (ME)	KIOCL Ltd. bmd@kioclltd.com	Invitee
29.	Shri Satyajit Das AGM	KIOCL Ltd. kioclnd@yahoo.co.in	Invitee
30.	Shri P.Bhuvarahamurthy Chief Manager (Geology)	NLC India Ltd.	Invitee
31.	Dr. P. Habibulla Khan Jt.General Manager (Geology)	NMDC Ltd. 09490759640 phkhan@nmdc.co.in	Invitee
32.	Md. Nasim Ansari Sr. Manager (Geology)	NMDC Ltd. 99631174045 mdnansari@nmdc.co.in	Invitee

Annexure-2

List of exploration projects approved by the Executive Committee of NMET on 21.2.2017

	Project, level of exploration (Location, District, State)	**Mineral/ore explored**	**Area (Sq. Km.)**	**Agency**	**Estimated Cost (Rs in Lakhs)**
1.	Regional Exploration (**G-4 level**) for Copper, Gold & REE in Jhalara-Matasula-Manpur-Bhabrana-Amalva Area, (Block ID Raj-03), District: Udaipur & Dungarpur, **Rajasthan**	Copper, Gold & REE	**190**	**MECL**	**338.01**
2	Regional Exploration Proposal (**G-4 level**) for Copper & Gold in Kukra-Padwa-Ven Area (Block ID RAJ-04), District: Udaipur, **Rajasthan**	Copper & Gold	**113**	**MECL**	**294.61**
3	Regional Exploration (**G-4 level**) for Basemetals associated Elements, Gold & REE in Kachola-Amargarh-Jhikri Area (Block ID Raj-05), District: Bhilwara, **Rajasthan**.	Basemetals associated Elements, Gold & REE	**88.**	**MECL**	**266.00**
4	Regional Exploration (**G-4 level**) for Basemetals& Silver in Satdudhiya-Lakhola-Bharak Block, (Block ID Raj-06), District: Bhilwara, Rajsamand & Chittaurgarh, **Rajasthan**.	Basemetals& Silver	**105**	**MECL**	**316.00**
5	Regional Exploration (**G-4 level**) for Iron in Kanawat-Chala - Karath-Bagholi Area, (Block ID-WR-RAJ-07), District: Jhunjhunu & Sikar, **Rajasthan.**	Iron	**129**	**MECL**	**255.71**
6.	Regional Exploration (**G-4 level**) for Copper, Gold &Moybdenum in Karoli-Nathdwara Area, (Block ID-WR-RAJ-9) District: Udaipur & Rajsamand, **Rajasthan**	Copper, Gold & Molybdenum	**148**	**MECL**	**401.50**
7.	Regional Exploration (**G-4 level**) for Basemetals in Iswal-Selu-Kathar-Tula (Thala) area (Block ID RAJ-14) District: Udaipur, Rajsamand, **Rajasthan**	Base-metals	**95**	**MECL**	**342.29**

8.	Regional Exploration (**G-4 level**) for Basemetals& Gold in Vasu-Jagat-Kharwach & Saran-Bharwawat area , (Block ID- WR-RAJ-21), District: Udaipur, **Rajasthan**	Base-metals & Gold	**124**	**MECL**	**312.59**
9.	Regional Exploration (**G-4 level**) for Fe, Ni, Cr, PGE & Au in Dhanoli Bazar Block, (Block ID: CR-MH-02) Distt: Sindhudurg, **Maharashtra**	Iron-ore, Nickel, Chromium & Gold	**160**.	**MECL**	**347.86**
10.	Regional Exploration (**G-4 level**) for Ba, Au, Pb, Cu, W In Aurala-Sawali Block, (Block ID-CR-MH-03) District: Nanded, **Maharashtra**	Barium, Gold, Lead, Copper & Tungsten	**100**	**MECL**	**262.65**
11.	Regional Exploration Proposal (**G-4 level**) for PGE Mineralization in Pathri-Saoli Area (Block ID-CR-MH-04) District: Chandrapur, **Maharashtra**	PGE Mineralization	**100**	**MECL**	**289.39**
12.	Regional Exploration Proposal (**G-4 level**) for Gold and Base metals in Bachkakocha and Tankocha area (Block-ID ER-JH-06) District: Saraikela-Kharsawan, **Jharkhand**	Gold and Base metals	**100**	**MECL**	**348.22**
13.	Regional Exploration Proposal (**G-4 level**) for Au, Cu, Pb, Zn, Ni and Co in Ranibennur Block, (Block ID SR-KAR-08) District: Haveri & Davanagere, **Karnataka**	Gold, Copper, Leda, Zinc, Nickel & Cobalt	**463**	**MECL**	**478.57**
14.	Regional Exploration Proposal (**G-4 level**) for Mn, Phosphorite and Graphite in Udwara Area, (Block-ID CR-MP-01), District: Alirajpur, **Madhya Pradesh**	Manganese, Phosphorite and Graphite	**225**	**MECL**	**400.64**
15.	Regional Exploration Proposal (**G-4 level**) for Basemetal and Gold in Mohar Cauldron Area (Block-ID CR-MP-08), District: Shivpuri, **Madhya Pradesh**	Basemetals and Gold	**100**	**MECL**	**202.12**
16.	Regional Exploration Proposal (**G-4 level**) for Tin in Pihra area, (Block-ID ER-JH-03)., District: Giridih & Kodarma, **Jharkhand**	Tin	**100**	**MECL**	**202.40**
17.	Regional Exploration Proposal (**G-4 level**) for Andalusite in Nagar-Untari Area, (Block ID-ER JH-07), District: Garhwa,(**Jharkhand**	Andalusite	**100**	**MECL**	**78.34**
18.	Regional Exploration Proposal (**G-4 level**) for Cu, Pb and Zn in Kusumarja & Adjoining Areas, (Block-ID ER-JH-08), District: Giridih, **Jharkhand**	Copper, lead & zinc	**100**	**MECL**	**288.64**

19.	Regional Exploration (**G-4 level**) for Gold in Vettukathi Kotta Block, (Block-ID SR-KRL-02), District: Malappuram & Nilgiri, **Kerala**	Gold	**155**	**MECL**	**273.51**
20.	Regional Exploration (**G-4 level**) for Bauxite in Kasargod East Block, (Block-ID SR-KRL-03), District-:Kasargod, **Kerala**	Bauxite	**291**	**MECL**	**147.97**
21.	Regional Exploration (**G-4 level**) for Diamond in Chelima Block, (Block-ID SR-AP-01), District: Kurnool & Prakasham **Andhra Pradesh**	Diamond	**702**	**MECL**	**59.78**
22.	Regional Exploration (**G-4 level**) for Diamond in Kalyandurg-Timmasamudram Block (Block-ID SR-AP-02) District: Anantpur, (**Andhra Pradesh**)	Diamond	**1172**	**MECL**	**67.52**
23.	Regional Exploration (**G-4 level**) for Dunite in Andipatti-Jambumadai-Urakari Sector (Block ID-SR TN-05), District: Namakkal, Perambulur, (**Tamil-Nadu**)	Dunite, Nickel, Chromium& PGE	**100**	**MECL**	**191.78**
24.	Regional Exploration (**G-4 level**) for Ni, Cr & Magnesite in Namakkal Block, (Block ID: SR-TN-08) District: Namakkal, Perambalur, (**Tamil Nadu**)	Nickel, Chromium & Magnesite	**240**	**MECL**	**299.62**
25.	Regional Exploration Proposal (**G-4 level**) for Manganese in Ambadala-Sunakhunti Area (Block-ID ER-ODS-02), District: Rayagada, Kalahandi, (**Odisha**)	Manganese	**100**	**MECL**	**232.92**
26.	Proposal for **G-3/2 Level** Exploration for Bauxite In the Tarhapani West Block of the East Coast Bauxite Belt, District - Koraput, **Odisha**, ***Proposal from DGM-Odisha***	Bauxite	**1.47.**	**MECL**	**116.61**
27.	Exploration Proposal (**G-3**) for Cement Grade Limestone in Jamodi- Mahanna Block, Raghurajnagar Tehsil, District-Satna, **Madhya Pradesh**, ***Proposal from DGM- M.P***.	Limestone	**31.00**	**MECL**	**545.34**
28.	Exploration Proposal (**G-3**) for Cement Grade Limestone in Naubasta - Kolard Block, Nagod Tehsil, District-Satna**, Madhya Pradesh**, ***Proposal from DGM- M.P.***	Limestone	**15.00**	**MECL**	**57.91**

29.	Regional Exploration (**G-4**) for Iron Ore in Jampani_Dilkiburu- Danguaposi Block, (Block ID: ER-JH-01), District - West Singhbhum, **Jharkhand.**	Iron Ore	**100**	**NMDC**	**136.42**
30.	Regional Exploration (**G-4**) for Iron Ore and Manganese in Degve-Kalna-Asaniya Block, (Block ID: CR-MH-01), District- Sindhudurg, **Maharashtra**.	Iron Ore	**100**	**NMDC**	**200.89**
31.	Regional Exploration (**G-4**) for Gold & Associated elements in Matmari Block, (Block ID: SR-KAR-05), District- Raichur, **Karnataka**.	Gold	**513**	**NMDC**	**190.68**
32.	Regional Exploration (**G-4**) for Gold & Associated elements in Bukkapatna Block, (Block ID: SR-KAR-05), District- Tumkur **Karnataka**.	Gold	**168**	**NMDC**	**152.94**
33.	Regional Exploration Block (**G-4**) for Gold and Basemetal Minerals in Nandgaon-Gora- Mahewa Area (Block ID CR-MP-05), District- Chattarpur, **Madhya Pradesh**. Being taken up under an MoU among NMDC, DMG M.P and MPSMCL.	Gold and Basemetals	**100**	**NMDC**	**59.28**
34.	**G-4** Exploration of Iron Ore Blocks in Tirumankaradu area (Block Id- SR_TN-04), Tirupur- District, **Tamil Nadu**.	Iron Ore	**100**	**KIOCL**	**282.34**
35.	**G-4** Exploration of Gold and associated elements in Udbur Block (Block Id SR_ KAR_07), District- Mysore, **Karnataka**	Gold	**202.**	**KIOCL**	**443.81**
36.	Regional Exploration (**G2/G3**) for coal in Nonbirra Block, Mand - Raigarh Coal Field, **Chhattisgarh**.	Coal	**59**	**CMPDIL**	**2220.31**
37.	Regional Exploration (**G2/G3**) for coal in Recherla Block, Godavari Valley Coal Field, **Andhra Pradesh**.	Coal	**20**	**CMPDIL**	**1317.00**
38	Detailed Exploration (**G1**) in Veeranam Lignite Block, District- Cuddalore, **Tamil Nadu**.	Lignite	**150**	**NLC**	**7042.00**
39	Detailed Exploration (**G1**) in Palayamkottai Lignite Block, District- Cuddalore, **Tamil Nadu**.	Lignite	**32**	**NLC**	**851.00**

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