महाराष्ट्र शासन

भूविज्ञान व खनिकर्म संचालनालय
महाराष्ट्र शासन, नागपूर

प्रिति,

आयुक्त क्र. 393
dिनांक 7/3/2017

संचालक,
भूविज्ञान आर्थिक खनिकर्म संचालनालय
२७, खानिज भवन, सिमंट रोड,
शिवाजीनगर, नागपूर.

विषय :- राज्य भूविज्ञानिय कार्यक्रम मंडळाची ५.३ वी बॅटिव्हमजाल.

महोदय,

राज्य भूविज्ञानिय कार्यक्रम मंडळाची ५.३ वी बॅटक मा.अपर मुख्य सचिव (उद्धोग) यांच्या
अध्यक्षेशत्तली दिनांक २६/०७/२०१७ रोजी सकाळी १९.०० वाजता संपन्न झाली आहे.

मा. अपर मुख्य सचिव (उद्धोग) यांची मान्य केलेले सदर बॅटकीचे इतिवृत्त पुढील
कार्यवाहीकरणात यासोबत जोडलेले आहे.

आपला विश्वास,

(स.ल.भोई)
कक्ष अधिकारी
MINUTES OF THE 53rd MEETING OF THE STATE GEOLOGICAL PROGRAMMING BOARD HELD AT PARISHAD HALL NO. 2, 7TH FLOOR MANTRALAYA MUMBAI-400 032

DATE : 26TH JULY 2017

| 53.00 | The 53rd meeting of the State Geological Programming Board (SGPB) was held at Parishad Hall No. 2, 7th floor, Mantralaya, Mumbai on 26th July 2017 under the Chairmanship of Shri Sunil Porwal (IAS) Additional Chief Secretary (Industries) Govt. of Maharashtra.

The list of participants of the 53rd SGPB meeting is enclosed as Annexure-I |

| 53.1.0 | Shri. R. S. Kalamkar. Director, Directorate of Geology & Mining Govt. of Maharashtra and Member Secretary SGPB, welcomed Hon'ble Chairman SGPB and Additional Chief Secretary (Industries) and the members of the SGPB. |

| 53.2.0 | Hon'ble Chairman welcomed the participating members and enquired about scope of the Board and how planning is done with regards to items to be taken for exploration.

On this Member Secretary informed that the board meeting review is taken for exploration work carried out in previous field season & proposals for next field season submitted by various State & Central agencies in order to have co-ordination in the exploration work to be taken up. He further informed that systematic mapping, sampling is carried out followed by drilling in planning of area to be taken under exploration.

The role of the State Government to notify the areas for exploration as per Rule 67 of Mineral Concession Rules 2016 was brought to the notice of the Chairman. The reporting of the proceedings of SGPB to the CGPB after approval of Chairman and the co-ordination between Centre and State exploration agencies was also communicated to the Chairman.

Hon'ble Chairman asked about the role of MSMC. On this MD MSMC stated that MSMC is not carrying any exploration activity at present. Although mineral exploration is a part of Memorandum of MSMC.

At this stage Chairman told Member Secretary to proceed with the agenda of meeting. |

(1)
<table>
<thead>
<tr>
<th>53.3.1</th>
<th><strong>FOLLOW UP ACTION OF THE 52\textsuperscript{rd} MEETING OF SGPB</strong></th>
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<tbody>
<tr>
<td><strong>The first actionable point was with regards to de-notification of overlapping offshore areas notified by IBM &amp; State for Illmenite &amp; other rare minerals for grant of mineral concessions.</strong></td>
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<td><strong>Action:</strong></td>
<td>Member Secretary informed that this issue has been resolved.</td>
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| 53.3.2 | **The actionable point was with regards to planning of exploration programme for F. S. 2015-2016 so that 2 blocks of Limestone & 2 blocks of Iron ore will made available for auction under MMDR-Act.** |
| **Action:** | Member Secretary informed that exploration in 2 blocks of Limestone & 1 blocks of Iron ore are completed. The exploration in one Iron block could not be taken due to forest permission. The writing work of Geolgoical Reports has been taken up & will be completed shortly. The available resources will be put for auction. |
| **[Action : DGM]** |

| 53.3.3 | The actionable point was with regards to monitoring of mining activities in the mining lease areas with the help of data of MRSAC under GeoMIN project. Hon. Chairman asked Member Secretary & representative of MRSAC regarding apprehensions in putting this data on website, On this Dr. A. S. Deshpande MRSAC told that MRSAC will prepare draft plan in this regard. |
| **Action:** | MRSAC told that work of draft plan is in completion stage phase I-II data will be put on web portal. Mining Land use inside the lease area for the year 2013 & 2015 along with changes will be put on web portal. In the web geoportal 2 options will be given first G to G i.e. Govt. to Govt. which will be login & password secured & G to C i.e. Govt. to public under this details with regards to Mineral & mining information will be accessible to citizens through open access. All these activities will be completed before the completion date of phase-III of project i.e. August-2017. |
| **[Action : MRSAC & DGM]** |

| 53.3.4 | Possibility of employing private agencies on DGM machines to expedite drilling activity was suggested by Hon’ble Chairman. |
| **Action:** | Member Secretary informed that two drill machines deployment was outsource. On this Hon. Chairman enquired that whether such outsourcing was done by tendering & performance based payment link basis. To this Member Secretary told that aforesaid method has been followed under this outsourcing. |

(2)
MECL presented the work done by them in Chikhaldhokra & Dahegaon-Dhapewada coal blocks, and told that work in Kuhi-tungsten & Thanewasna copper has been completed. On this Hon'ble Chairman suggested to study the possibility of combining block of tungsten & Thanewasna area for the purpose of auction.

**Action:** Member Secretary informed that Thanewasna copper block is being put for auction for Composite Licence. On this Hon. Chairman enquired about Composite Licence and work need to be taken up under this. To this Member Secretary gave brief explanation on the subject.

The issue with regards to proposal of reservation of Kuhi-Khobna tungsten deposit for CPSU was discussed. Hon. Chairman suggested that this is not the forum to decide this issue.

Hon'ble Chairman asked whether MECL can take up additional work for State if offered under NMET. MECL replied positively & told that MECL can take up such work, as & when approved by Ministry of Mines, Government of India.

**Action:** Member Secretary informed that MECL has already taken up exploration for Manganese in two blocks i.e. Mandri Panchala and Lanjera-Futala Blocks under NMET funding on request of Government of Maharashtra. The Geological mapping and drilling in these blocks has been completed and sampling, analytical work is in progress \((G_4)\). In case State government identifies additional areas, MECL is ready to take up the work under NMET funding.

On this Hon. Chairman asked about functioning & funding under NMET. Member Secretary gave details in this regard.

The State Govt. has created District Mineral Foundation Fund which will be utilized for development of mines affected area. In this reference Hon'ble Chairman enquired with MRSAC, whether MRSAC can help in identifying mining affected areas using technology available with them so that utilization of funds will be made for mines affected areas only.

**Action:** Such studies can be taken up jointly with DGM in one of the districts of the State as Pilot study. In this regard it was decided to take up such studies in Chandrapur district as pilot study.

[Action: MRSAC & DGM]
<table>
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<tr>
<th>53.4.0</th>
<th>APPROVAL OF MINUTES OF 52(^{nd}) SGPB MEETING</th>
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<tr>
<td>53.4.1</td>
<td>The minutes of 52(^{nd}) meeting of SGPB were presented before the Board for approval. The Hon’ble Chairman asked the Members whether they had any objections/opinion about the minutes presented before the Board. Since no objections were raised, Hon’ble Chairman declared the minutes to be approved and asked Member Secretary to proceed with the discussion on agenda items.</td>
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<tr>
<th>53.5.0</th>
<th>DISCUSSION ON AGENDA ITEMS</th>
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<tr>
<td>53.5.1</td>
<td><strong>Review of the work done by DGM (MS) During Filed Season 2016-17</strong></td>
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Shri R. S. Kalamkar, Director, DGM presented the work done by DGM Maharashtra before the Board. He informed that 9 items were approved in 52\(^{nd}\) SGPB and all items were taken up by DGM during the review period.

The items taken by DGM are:

i) **Limestone** – 5 items
   - Kurai, Kurli & Gawara-Piwardol
   - Dist. Yavatmal
   - Jawra-Tulsi & Umarzara-Dewada
   - Dist. Chandrapur

ii) **Manganese ore** – 1 item
    - Sindewani, Dist. Nagpur.

iii) **Bauxite & Al. laterite** – 2 items
    - Yelwan-Jugai, Dist. Kolhapur
    - Guhagar, Dist. Ratnapur

iv) **Construction Minerals**– 1 item
    - Tahsil Pathardi, Dist. Ahmadnagar

During review period 236.943 sq.km. of reconnaissance mapping was achieved and 11081.65 m. of drilling in the aforesaid block.

Member Secretary told that drilling in the Gawara-Piwardol Limestone block has been completed during F.S. 2016-17 & GR will be prepared for this block on priority.

Then the proposed exploration programme by DGM for field season 2017-18 was presented before Board. DGM has proposed 13 items with mapping target of 322.85 sq.km. & 12000 m. of drilling with 16 drill units. The proposed items include;

(4)
1. **Limestone** - 5 items: Yavatmal and Chandrapur Districts.
   - **Yavatmal dist.**
     - i) Kurai
     - ii) Kurli
     - iii) Borgaon-Khandla
   - **Chandrapur dist.**
     - i) Khirdi
     - ii) Wanoja

2. **Manganese** - 1 item: Nagpur District.
   - i) Sindewani

3. **Bauxite** - 2 item: Guhagar dist. Ratnagiri,
   - Shahuwadi, Dist. Kolhapur

4. **General Survey** - 4 item: Bhandara Dist.
   - i) Alesur - Manganese
   - ii) Adyal - Base metals
   - **Chandrapur dist.**
     - i) Atmurdi-Belgaon - Limestone
     - ii) Metepar-Shivara - Base metals

5. **Construction Minerals**: Sinnar Tahsil Dist. Nashik
   - 1 item

   No drilling has been proposed in Kolhapur region since no drill machine is available in this region. Procurement of machine is under process. During discussion on field programme Hon'ble Chairman asked about the potential of mineral wealth of Maharashtra and availability of potential areas. To this Member Secretary informed that approx 20% of area of the state has obvious geological potential covering mostly NE & SW parts of the State.

   Member Secretary then gave information about blocks identified for outsourcing and for auction preparedness under MMDR-Act-1957.

The field programme of DGM was discussed. Hon'ble Chairman asked the member about their comments on the programme presented by DGM. After due discussion field programme of DGM for 2017-18 field season was approved.
53.5.3 REVIEW OF WORK DONE BY GEOLOGICAL SURVEY OF INDIA (GSI) CENTRAL REGION NAGPUR AND PROPOSALS
Shri M. M. Powar, Dy. Director General, GSI, gave brief account of the work carried out by GSI during field season 2016-17 in the State under various missions. The different missions are:
- **Mission – I**: Specialised Thematic, National Geochemical mapping.
- **Mission – II**: Natural Resource Assessment, Mineral Resource Assessment, Natural Energy Resources
- **Mission – III**: Compilation of Maps.
- **Mission – IV**: Landslides and Fundamental Geosciences. He also gave brief account of training programme. During presentation of work done Hon. Chairman enquired about cut off grades considered for copper & other minerals resource on which GSI & AMD explain the details in this regard.

The Member Secretary inquired whether GSI would be completing any area up to G2 level so that it could be made available for auction.

Mr. Powar said that GSI would be completing exploration upto G3 level in this field season.

Mr. Powar also presented the field programme for the year 2017-18 under various missions.

53.5.4 REVIEW OF WORK DONE BY MINERAL EXPLORATION CORPORATION LIMITED (MECL) AND PROPOSALS
Shri. Mushtaque, Dy. GM (Explo) of Mineral Exploration Corporation Ltd. presented work done by MECL for coal during field season 2016-17 in Chikhaldhokra and Dahegaon-Dhapewada coal blocks and under NMET Mandri-Panchala, Lanjera-Futala blocks in Bhandara dist. for Manganese & other 3 blocks for PGE & base metals in Chandrapur, Sindhudurg & Nanded dist. and informed that MECL will continue work in aforesaid area during ensuing field season 2017-18.

53.5.5 PRESENTATION BY IBM
Shri Kewal Kishan, Sr. Mining Geologist of IBM presented brief account of work carried out by IBM during 2016-17 which includes inspection of mines, approval of mining plans, scheme of mines and gave details of proposed programme for 2017-18.

He requested for constitution of state level committee for scrutiny of mineral concession proposals as directed by Ministry of Mines vide letter dated 06/01/2017. He further requested to send regular information to IBM with regards to status of mining leases, NMET, Auction blocks etc. to IBM.

[Action: DGM]
53.5.6 PRESENTATION BY MRSAC
Dr. Ajay Deshpande, Associate Scientist, MRSAC has given brief account of work carried out by MRSAC under Phase-I & II of MahaGeomin project & informed about worked initiated under Phase-III of project. The data of work carried out in Phase-I & II will be uploaded on web portal & narrated about methodology to be adopted in this regard.

He further told about the work carried out under MahaDMP i.e. District Mining Plan for temporary leases of minor minerals & Geoinformatic technology based large scale Digital Database creation of Bauxite & Laterite deposits for utilization by Aluminium Industries a joint project with JNARDDC.

He also briefed the members about the Minor Mineral Surveillance System to be undertaken by the Revenue & Forest Department. and gave brief of work to be carried out during ensuring field season 2017-18.

53.5.7 CMPDIL: REVIEW OF WORK DONE BY CMPDIL AND PROPOSALS
Shri. V. Balraj G. M. (Geology) of CMPDIL gave brief account of work carried out in areas of Wardha Valley, Bander and Kamptee coal fields during fields season 2016-17 and presented work proposed to be carried out by CMPDIL during ensuing field season 2017-18.

53.5.8 REVIEW OF WORK DONE BY MOIL & PROPOSALS
Dr. S. K. Sarkar, Sr. Manager (Geology) presented work carried out by MOIL in Chikla, Dongri BK mine lease areas of Bhandara during 2016-17 and presented work proposed to be carried out by MOIL during ensuing field season 2017-18 in mines located in Nagpur & Bhandara district.

53.5.9 The representative of AMD Shri Prakhar Kumar informed Board that AMD has not taken any work in Maharashtra State. He suggested that the Motur formation be logged from the perspective of Atomic minerals and agencies like GSI, MECL, CMPDI, allow AMD to examine the borehole core.

The representatives of GSI, MECL, CMPDIL agreed to the proposal of AMD representative.

53.5.10 VOTE OF THANKS
Dr. Ajay Deshpande of MRSAC proposed vote of thanks. He thanked Hon'ble Chairman & Additional Chief Secretary (Industries), MD MSMC, Director DGM for active participation and valuable guidance. He further thanked all the Members of Board for active participation Meeting ended with vote of thanks.
**ANNEXURE-I**

List of officers attending the 53rd meeting of the State Geological Programming Board held on 26th July 2017 at 11.00 p.m. in the Parishad Hall No. 2

7th Floor Mantralaya, Mumbai-400032.

<table>
<thead>
<tr>
<th>S.N.</th>
<th>Name</th>
<th>Designation</th>
<th>Department / Phone No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Shri Sunil Porwal, IAS</td>
<td>Additional Chief Secretary (IND) &amp; Chairman SGPB</td>
<td>Industries, Energy &amp; Labour Department, Mantralaya, Mumbai-32</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Nirupama Dange, IAS</td>
<td>MD</td>
<td>MSMC</td>
</tr>
<tr>
<td>3</td>
<td>Shri. R. S. Kalamkar</td>
<td>Director &amp; Member Secretary SGPB</td>
<td>Directorate of Geology and Mining, Govt. of Maharashtra, Nagpur</td>
</tr>
<tr>
<td>4</td>
<td>Shri. M. M. Powar</td>
<td>Dy. Director General</td>
<td>GSI</td>
</tr>
<tr>
<td>5</td>
<td>Shri. M. S. Bodas</td>
<td>Director</td>
<td>GSI</td>
</tr>
<tr>
<td>6</td>
<td>Shri. Prakhar Kumar</td>
<td>Scientific Officer (G)</td>
<td>Atomic Minerals Dept.</td>
</tr>
<tr>
<td>7</td>
<td>Shri. Arun Prasad</td>
<td>RCOM</td>
<td>IBM, Nagpur</td>
</tr>
<tr>
<td>8</td>
<td>Shri Kewal Krishan</td>
<td>Sr. Mining Geologist</td>
<td>IBM, Nagpur</td>
</tr>
<tr>
<td>9</td>
<td>Shri. V. Balraj</td>
<td>General Manager (Geology)</td>
<td>CMPDIL, Nagpur</td>
</tr>
<tr>
<td>10</td>
<td>Dr. A. K. Raina</td>
<td>Chief Manager (Geology)</td>
<td>WCL, Nagpur</td>
</tr>
<tr>
<td>11</td>
<td>Shri. Mushtaque</td>
<td>Dy. General Manager (Exploration)</td>
<td>MECL, Nagpur</td>
</tr>
<tr>
<td>12</td>
<td>Dr. S. K. Sarkar</td>
<td>Sr. Manager (Geology)</td>
<td>MOIL</td>
</tr>
<tr>
<td>13</td>
<td>Dr. A. S. Deshpande</td>
<td>Associate Scientist</td>
<td>MRSAC, Nagpur</td>
</tr>
<tr>
<td>14</td>
<td>Smt. A. S. Nagarkar</td>
<td>Dy. Director</td>
<td>DGM, Nagpur</td>
</tr>
<tr>
<td>15</td>
<td>Shri A. D. Ghate</td>
<td>Sr. Dy. Director (Incharge)</td>
<td>Regional Office DGM, Nagpur</td>
</tr>
<tr>
<td>16</td>
<td>Shri S. F. Chahande</td>
<td>Sr. Dy. Director (Incharge)</td>
<td>Regional Office DGM Chandrapur</td>
</tr>
<tr>
<td>17</td>
<td>Dr. S. P. Awale</td>
<td>Dy. Director</td>
<td>Regional Office DGM, Aurangabad</td>
</tr>
<tr>
<td>18</td>
<td>Shri S. S. Deshpande</td>
<td>Sr. Geologist</td>
<td>Regional Office DGM, Kolhapur</td>
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