

PART-C MINUTES OF THE 30th MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 20th to 23rd JULY, 2015

The 30th meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held from 20th to 23rd July, 2015 under the Chairmanship of Sh. A.K. Saxena in the Conference Room at 170 C, Ashok Nagar, Ranchi. The following members were present:

1. Sh. A.K. Saxena - Chairman
2. Sh. S.B.S Chauhan - Member
3. Er. S.K. Singh - Member
4. Dr. R.P. Singh Sangu - Member
5. Prof. (Dr.) M.C. Mahata - Member
6. Prof (Dr) Shatrunjay Kumar Singh - Member
7. Shri S.K. Suman - Secretary

Various projects which were received by SEIAA after the previous SEAC meeting held from 29th to 30th June & 01st to 02nd July, 2015 and forwarded to SEAC for their technical appraisal came up for discussions. Also those Projects which were appraised in SEAC's earlier meetings in which PP's were asked to provide additional informations / clarifications were also considered for examination / scrutiny where the Project proponents had submitted replies. Accordingly, the Project proponents were asked to make technical presentation for the appraisal of their project before the committee.

The following salient observations made during the Presentation (Project Wise) in brief deserve serious consideration.

A. Matters referred by SEIAA

- I. Stone Mine of Sri Chandradhari Prasad at Village-Pundri, Tehsil- Hazaribagh Sadar, District- Hazaribagh, Jharkhand (0.972 Ha)
- II. Stone Mine of M/S Maa Saraswati Stone Works at Village- Churchu, P.S- Sadar, District- Hazaribagh, Jharkhand (0.992 Ha)

The matter was deliberated. The revised CO certificate was examined in which it has been mentioned that the Barsati Nadi is Panghatawa Nala. Which is not a regular River or Stream. SEAC felt that EC may be granted.

B. Projects recommended to SEIAA for consideration of grant of EC.

1. Proposals related to Sand Mine

- I. Sanchpur Shakhi Sand Mining Project of M/s Gupta Traders, Village-Sanchpur Shakhi, P.O- Basantray, P.S- Basantray (Pathar Gama) Dist.- Godda, Jharkhand (1.53 Ha).

Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Dr. R.N. Singh

This is a Sand Mining Project for having an area of 1.53 Ha [Plot No-557, 645, 1/675, 10/676, 41]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any

formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 40.00 Lakh and a provision of Rs 0.80 Lakh has been indicated for Environment management.

The proposed estimated reserve is 16378 cum and annual production capacity as per Form I has been indicated as 14558 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point and bridge within 500 m of mine.

Based on the presentation made and information provided the Committee recommends that the proposal for Sanchpur Shakhi Sand Mining Project of M/s Gupta Traders, Village- Sanchpur Shakhi, P.O- Basantray, P.S- Basantray (Pathar Gama) Dist.- Godda, Jharkhand (1.53 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

II. Laxmi Sand Mine Project of M/S Amarnath Tekriwal, Village- Laxmi, P.O. & Thana- Pandaha, Distirtc- Godda, Jharkhand (9.51 Ha)

Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Dr. R.N. Singh

This is a Sand Mining Project for having an area of 9.51 Ha [Plot No.- 1231]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of

persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 1.80 Crore and a provision of Rs 3.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 2,44,160 cum and annual production capacity as per Form I has been indicated as 1,13,796 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point and bridge within 500 m of mine. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Laxmi Sand Mine Project of M/S Amarnath Tekriwal, Village-Laxmi, P.O. & Thana- Pandaha, Distirct- Godda, Jharkhand (9.51 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

III. Khadukadma Sand Mine Project of M/S Saran Alcohol Pvt Ltd at Village-Khadukadma, Panchayat- Shikaripara, District- Dumka, Jharkhand (7.07 Ha)

Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Dr. R.N. Singh

This is a Sand Mining Project for having an area of 7.07 Ha [Plot No.- 1955, 1954 & 557]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 1.20 Crore and a provision of Rs 1.80 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,26,110 cum and annual production capacity as per Form I has been indicated as 1,12,098 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point and bridge within 500 m of mine. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Khadukadma Sand Mine Project of M/S Saran Alcohol Pvt Ltd at Village- Khadukadma, Panchayat- Shikaripara, District- Dumka, Jharkhand (7.07 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

IV. Rupuchak Sand Mining Project of M/S Prashant Traders, Village- Rupuchak, Panchayat- Chilra, P.O.- Nepura, District- Godda, Jharkhand (3.81 Ha)

Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Dr. R.N. Singh

This is a Sand Mining Project for having an area of 3.81 Ha [Plot No.- 448, 414, 262/454]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 55.00 Lakh and a provision of Rs 0.95 Lakh has been indicated for Environment management.

The proposed estimated reserve is 57125 cum and annual production capacity as per Form I has been indicated as 50778 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point and bridge within 500 m of mine. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Rupuchak Sand Mining Project of M/S Prashant Traders, Village- Rupuchak, Panchayat- Chilra, P.O.- Nepura, District- Godda, Jharkhand (3.81 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

V. Pindra Sand Mining Project of M/S Amarnath Tekriwal at Village- Pindra, P.O.- Pindra, P.S.- Aghiyabandh, District- Godda, Jharkhand (3.14 Ha)

Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Dr. R.N. Singh

This is a Sand Mining Project for having an area of 3.14 Ha [Plot No-2045 & 2315]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 55.00 Lakh and a provision of Rs 0.95 Lakh has been indicated for Environment management.

The proposed estimated reserve is 57125 cum and annual production capacity as per Form I has been indicated as 50778 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point and bridge within 500 m of mine. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Pindra Sand Mining Project of M/S Amarnath Tekriwal at Village- Pindra, P.O.- Pindra, P.S.- Aghiyabandh, District- Godda, Jharkhand (3.14 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

VI. Dakhinbahal Sand Mine Project of Shri Nanadu Mahto at Village- Dakhinbahal, P.O. & Thana- Jamtara, District- Jamtara, Jharkhand (2.19 Ha)

Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Dr. R.N. Singh

This is a Sand Mining Project for having an area of 2.19 Ha [Plot No-905, 914 & 915]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining

Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 40.00 Lakh and a provision of Rs 0.90 Lakh has been indicated for Environment management.

The proposed estimated reserve is 48762 cum and annual production capacity as per Form I has been indicated as 43344 cum per annum .

PP has submitted certificates from DFO & DMO. PP has submitted Affidavits that there is no intake well, breeding point and bridge within 500 m of mine. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Dakhinbahal Sand Mine Project of Shri Nanadu Mahto at Village- Dakhinbahal, P.O. & Thana- Jamtara, District- Jamtara, Jharkhand (2.19 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

VII. Dalahi Sand Mining Project of M/S Mehar Developers, Village - Dalahi, Taluka- Masaliya, District- Dumka, Jharkhand (9.025 Ha)

Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Dr. R.N. Singh

This is a Sand Mining Project for having an area of 9.025 Ha [Plot No-852]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 30.00 Lakh and a provision of Rs 0.50 Lakh has been indicated for Environment management.

The proposed estimated reserve is 41877 cum and annual production capacity as per Form I has been indicated as 37224 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point and bridge within 500 m of mine. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Dalahi Sand Mining Project of M/S Mehar Developers, Village - Dalahi, Taluka- Masaliya, District- Dumka, Jharkhand (9.025 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

VIII. Dhadachak Sand mine Project of M/S Amarnath Tekriwal, Village- Dhadachak, P.O+ Thana- Luyabasa & Birsa Nagar, Dist.- Godda, Jharkhand (4.55 Ha.)


Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Dr. R.N. Singh

This is a Sand Mining Project for having an area of 4.55 Ha [Plot No- 11, 28 & 362]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 70.00 Lakh and a provision of Rs 1.10 Lakh has been indicated for Environment management.

The proposed estimated reserve is 57,330 cum and annual production capacity as per Form I has been indicated as 50,960 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point and bridge within 500 m of mine. The informations were examined and found to be satisfactory.

**Based on the presentation made and information provided the Committee recommends that the proposal for Dhadachak Sand mine Project of M/S Amarnath Tekriwal, Village- Dhadachak, P.O+ Thana- Luyabasa & Birsa Nagar, Dist.- Godda, Jharkhand (4.55 Ha) be**



recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

IX. Petsar Sand Mining Project of M/S Md. Siddik Alam at Village- Petsar, Anchal- Jarmundi, District- Dumka, Jharkhand (8.16 Ha)

Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Dr. R.N. Singh

This is a Sand Mining Project for having an area of 8.16 Ha [Khata No.- 102, Plot No- 751, 742 & 844]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 1.50 Crore and a provision of Rs 2.30 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,29,564 cum and annual production capacity as per Form I has been indicated as 1,15,168 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point and bridge within 500 m of mine. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Petsar Sand Mining Project of M/S Md. Siddik Alam at Village- Petsar, Anchal- Jarmundi, District- Dumka, Jharkhand (8.16 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

X. Haripur Sand Mining Project of M/S Swastik Traders at Village- Haripur, Anchal- Jarmundi, P.O.- Haripur Bazar, District- Dumka, Jharkhand (10.56 Ha)

Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Dr. R.N. Singh

This is a Sand Mining Project for having an area of 10.56 Ha [Plot No- 206]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and

subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 1.5 Crore and a provision of Rs 2.70 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,71,000 cum and annual production capacity as per Form I has been indicated as 1,52,000 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no reserve/protect forest within 250 m and no intake well, breeding point and bridge within 500 m of mine. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Haripur Sand Mining Project of M/S Swastik Traders at Village- Haripur, Anchal- Jarmundi, P.O.- Haripur Bazar, District- Dumka, Jharkhand (10.56 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XI. Jhilua Sand Mining Project of Shri Akhilesh Singh, Village- Jhilua, P.O. & Thana- Narayanpur, District- Jamtara, Jharkhand (3.79 Ha)

Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Dr. R.N. Singh

This is a Sand Mining Project for having an area of 3.79 Ha [Plot No- 1027]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-

economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 60.00 Lakh and a provision of Rs 1.08 Lakh has been indicated for Environment management.

The proposed estimated reserve is 27936 cum and annual production capacity as per Form I has been indicated as 24832 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no forest within 250 m, no Intake Well, Bridge & breeding point within 500 m of mine. The information's were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Jhilua Sand Mining Project of Shri Akhilesh Singh, Village- Jhilua, P.O. & Thana- Narayanpur, District- Jamtara, Jharkhand (3.79 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XII. Budsera Sand Mine M/s T.K. Nayak, Village-Budsera, Taluka- Chandanpur, Dist.- Bokaro, Jharkhand (10.93 Ha.)

Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Dr. R.N. Singh

This is a Sand Mining Project for having an area of 10.93 Ha [Khata No.- 01, Plot No- 1204 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 2.05 Crore and a provision of Rs 3.30 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,38,811 cum and annual production capacity as per Form I has been indicated as 1,23,388 cum per annum .

PP has submitted certificates from DFO & DMO. PP has submitted Affidavits that there is no Intake Well, Bridge & breeding point within 500 m of mine. The information's were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Budsera Sand Mine M/s T.K. Nayak, Village-Budsera, Taluka-Chandanpur, Dist.- Bokaro, Jharkhand (10.93 Ha.) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XIII. Sharua Sand Mining Project of M/S Saran Alcohol Pvt Ltd at Village-Sharua, Thana- Dumka, District- Dumka, Jharkhand (20.502 Ha)

Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Dr. R.N. Singh

This is a Sand Mining Project for having an area of 20.502 Ha [Khata No.- 60, Plot No- 01 & 88]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 55.00 Lakh and a provision of Rs 0.55 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,97,629 cum and annual production capacity as per Form I has been indicated as 1,75,670 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no forest within 250 m, no Intake Well, Bridge & breeding point within 500 m of mine. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Sharua Sand Mining Project of M/S Saran Alcohol Pvt Ltd at Village-Sharua, Thana- Dumka, District- Dumka, Jharkhand (20.502 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XIV. Tiruldih Sand Mining Project M/s Mata Enterprises, Village-+P.O-Kanderbera P.s- Chandil, Dist- Saraikela Kharsawan, Jharkhand, (7.349 Ha)

Consultant- M/S Enviba Environmental Services Pvt. Ltd, RQP- Sri Ajay Shankar

This is a Sand Mining Project for having an area of 7.349 Ha [Khasra No.- 123, Plot No- 749]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 18.00 Lakh and a provision of Rs 4.00 Lakh has been indicated for Environment management.

The proposed estimated reserve is 1,48,500 cum and annual production capacity as per Form I has been indicated as 99,000 cum per annum .

PP has submitted certificates from DFO & DMO. PP has submitted an Affidavit that there is no Intake Well, Bridge & breeding point within 500 m of mine. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Tiruldih Sand Mining Project M/s Mata Enterprises, Village+P.O- Kanderbera P.s- Chandil, Dist- Saraikela Kharsawan, Jharkhand, (7.349 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XV. Sand Deposit in the back of Subarnrekha River of Sri Rajesh Kumar Singh, Village -Nagursai, Tehsil- Baghmara, Dist.- East- Singhbhum, Jharkhand (0.809 Ha)

Consultant- M/S Safe Environment, Singhbhum East, RQP- Dr. G.S. Jaiswal

This is a Sand Mining Project for having an area of 0.809 Ha [Plot No- 871/A]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out

CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 7.50 Lakh and a provision of Rs 2.10 Lakh has been indicated for Environment management.

The proposed estimated reserve is 8903 cum and annual production capacity as per Form I has been indicated as 7814 cum per annum .

PP has submitted certificates from DFO & DMO. In the certificate provided by DFO it has been mentioned that there interstate boundary on southern side. No mention of distance has been made. However since area of mine is less than 5 Ha general condition do not apply as per MoEF notification date 7th October, 2014. PP has submitted Affidavits that there is no Intake Well, Bridge & breeding point within 500 m of mine. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Sand Deposit in the back of Subarnrekha River of Sri Rajesh Kumar Singh, Village -Nagursai, Tehsil- Baghmara, Dist.- East- Singhbhum, Jharkhand (0.809 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

**XVI. Chandanpur Sand Mining of M/s Anand Mahto, Village- Chandanpur, P.O + Thana- Luyabasa, Birsa Nagar, Dist.- East Singhbhum, Jharkhand (0.607Ha).
Consultant- M/S Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Sri P.K. Sen**

This is a Sand Mining Project for having an area of 0.607 Ha [Plot No- 1127 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 30.00 Lakh and a provision of Rs 0.75 Lakh has been indicated for Environment management.

The proposed estimated reserve is 5880 cum and annual production capacity as per Form I has been indicated as 4704 cum per annum .

PP has submitted certificates from DMO. PP has submitted an Affidavit that there is no forest within 250 m, no Intake Well, Bridge & breeding within 500 m of mine. In the application submitted to DFO by PP there is no seal of DFO in office copy. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Chandanpur Sand Mining of M/s Anand Mahto, Village- Chandanpur, P.O + Thana- Luyabasa, Birsa Nagar, Dist.- East Singhbhum, Jharkhand (0.607Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XVII. Dumardiha, Chelkani & Chapra Sand Mine of M/S The Adibasi Welfare Society at Village- Dumardiha, Chelkani & Chapra, Thana- Rajnagar, Dist.- Saraikela - Kharsawan, Jharkhand (4.042 Ha)

Consultant- M/S Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Sri P.K. Sen

This is a Sand Mining Project for having an area of 4.042 Ha [Dumardiha Khata No.- 206, Plot No- 1 (P), Chelkani Plot No.- 709 (P), Chapra Plot No.- 406 (P) & 776 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

This is a case of single mine lease having 3 blocks. The area of each block is

Dumardih – 1.011 Ha

Chelkani – 1.21 Ha

Chapra – 1.821 Ha

The distance between the blocks is

Dumardiha-Chapra 2129 m (straight line)

Chapra and Chelkani 990 m (straight line)

As can be seen Chapra and Chelkani form a cluster. The total area is Chelkani 1.21 Ha + Chapra 1.821 Ha = 3.031 Ha. Which is less than 25 Ha. Individual approved mine plans for all three blocks have been submitted.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and

the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will not have any major impact on the surroundings. The indicated project cost is Rs 80.00 Lakh and a provision of Rs 0.77 Lakh has been indicated for Environment management.

The proposed estimated reserve is Dumardiha - 19314 cum, Chelkani - 21771cum & Chapra - 24750 cum and annual production capacity as per Form I has been indicated as Dumardiha - 15,451cum, Chelkani - 17,417 cum & Chapra - 19,800 cum per annum .

PP has submitted certificates from DFO & DMO. PP has submitted Affidavits that there is no Intake Well, Bridge & breeding point within 500 m of mine. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Dumardiha, Chelkani & Chapra Sand Mine of M/S The Adibasi Welfare Society at Village- Dumardiha, Chelkani & Chapra, Thana- Rajnagar, Dist.- Saraikela - Kharsawan, Jharkhand (4.042 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XVIII. Bagula, Harindhukri & Junboni Sand Mine of M/s Dinesh Enterprises, Village- Bagula, Harindhukri & Junboni P.O & Thana- Ghatsila, Dhalbhumgarh, Dist.- East Singhbhum, Jharkhand (5.725 Ha).

Consultant- M/S Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Sri P.K. Sen

This is a Sand Mining Project for having an area of 5.725 Ha [Bagula Plot No- 67/1951(P), Harindhukri Plot No.- 01, Junboni Plot No.- 39 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

This is a case of single mine lease having 3 blocks. The area of each block is

Bagula- 2.529 Ha

Harindhukri- 1.922 Ha

Junboni - 1.274 Ha

The distance between the blocks is

Bagula-Harindhukri 2238 m (straight line)

Harindhukri and Junboni 3265 m (straight line)

Individual approved mine plans for all three blocks have been submitted.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining

Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 80.00 Lakh and a provision of Rs 0.72 Lakh has been indicated for Environment management.

The proposed estimated reserve is Bagula - 17856 cum, Harindhukri – 8532 cum & Junboni – 5673 cum and annual production capacity as per Form I has been indicated as Bagula - 14285 cum, Harindhukri – 6826 cum & Junboni – 4538 cum per annum .

PP has submitted certificates from DMO. PP has submitted an Affidavit that there is no forest within 250 m, no Intake Well, Bridge & breeding point within 500 m of mine. In the application submitted to DFO by PP there is no seal of DFO in office copy. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Bagula, Harindhukri & Junboni Sand Mine of M/s Dinesh Enterprises, Village- Bagula, Harindhukri & Junboni P.O & Thana- Ghatsila, Dhalbhumgarh, Dist.- East Singhbhum, Jharkhand (5.725 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XIX. Naldoha Sand Mine Sri Anand Mahto, Village- Naldoha, Thana- Ghatsila, Dist.- East Singhbhum, Jharkhand (4.856 Ha).

Consultant- M/S Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Sri P.K. Sen

This is a Sand Mining Project for having an area of 4.856 Ha [Plot No- 1111(P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have

any major impact on the surroundings. The indicated project cost is Rs 55.00 Lakh and a provision of Rs 0.55 Lakh has been indicated for Environment management.

The proposed estimated reserve is 42005 cum and annual production capacity as per Form I has been indicated as 33604 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no forest within 250 m, no Intake Well, Bridge & breeding point within 500 m of mine. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Naldoha Sand Mine Sri Anand Mahto, Village- Naldoha, Thana- Ghatsila, Dist.- East Singhbhum, Jharkhand (4.856 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

XX. Dekchagonga Sand Mining project of M/S Rular Development & Marketing Pvt Ltd at Village- Dekchagonga, Anchal- Jarmundi, District- Dumka, Jharkhand (5.95 Ha)

Consultant- M/S Consultant- M/S Green Cindia Consulting Pvt. Ltd, Ghaziabad, RQP- Dr. R.N. Singh

This is a Sand Mining Project for having an area of 5.95 Ha [Plot No- 1, 88]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category Project - as per EIA Notification dated 14.09.2006 and subsequently notification office order the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions are recommended by the Committee in the instant case.

The project was reviewed in light of OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 by MoEF and SEIAA guidelines dated 07.05.2013 with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 90.00 Lakh and a provision of Rs 1.60 Lakh has been indicated for Environment management.

The proposed estimated reserve is 97049 cum and annual production capacity as per Form I has been indicated as 86266 cum per annum .

PP has submitted certificates from DMO. PP has submitted Affidavits that there is no forest within 250 m, no Intake Well, Bridge & breeding point within 500 m of mine. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Dekchagonga Sand Mining project of M/S Rular Development &

Marketing Pvt Ltd at Village- Dekchagonga, Anchal- Jarmundi, District- Dumka, Jharkhand (5.95 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure I.

Annexure I

A. Specific Conditions

1. The Environmental clearance is subject to grant of Mining Lease and will be co-terminus with the mining lease period. PP has to get the Mine Plan approved from the concerned authorities within 3 months from grant of EC.
2. The mining work will be open-cast and exclusively manual. No mechanical work or drilling / blasting should be involved at any stage.
3. The mining is confined to extraction of sand from the river bed only. No mining is to be carried out in water stream. It shall be ensured that there shall be no mining beyond 03 m or upto water level which ever is less in the issue of Sand Mining or Sand / Gravel Mining should be raised 15 meter away from the river side or mining should be restricted from the distance equal or more than 1/5 module of river width shall be left on both the banks of precise area to control and avoid erosion of river bank.
4. The project proponent shall ensure that wherever deployment of labour attracts the Mines Act, the provision thereof shall be strictly followed. Also PP shall ensure that stipulations mentioned in MoEF OM No.- J-13012/12/2013-IA-II(I), dated- 24th December, 2013 and SEIAA, Jharkhand guideline dated 07.05.2013 are adhered to.
5. Project Proponent shall appoint a Monitoring Committee to monitor the replenishment study, traffic management, levels of production, River Bank erosion and maintenance of Road etc and shall submit report to SEIAA, JSPCB and DMO after every monsoon i.e. by end of November (30th) of that year. Also after receding of flood / water (after monsoon) a study has to be conducted in mining lease area and list of flora & fauna is to be prepared and submit report to SEIAA, JSPCB and DMO .
6. The project proponent shall prepare the plan of mining in conformity with the mine lease conditions and the Rules prescribed in this regard clearly showing the no work zone in the mine lease i.e. the distance from the bank of river to be left un-worked (Non mining area), distance from the bridges etc. It shall be ensured that no mining shall be carried out during the monsoon season. Due consideration will be given to points raised in Supreme Court judgement and SEIAA guidelines.
7. The project proponent shall undertake adequate safeguard measures during extraction of river bed material and ensure that due to this activity the hydro-geological regime of the surrounding area shall not be affected.
8. The project proponent will provide protective respiratory devices to workers working in dusty areas and they shall also be provided with adequate training and information on safety and health aspects. Periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.
9. Solid waste material viz., gutkha pouchs, plastic bags, glasses etc. to be generated during project activity will be separately stored in bins and managed as per Solid Waste Management rules.

10. Project falling within in 1.0 KM area of Wild Life Sanctuary is to obtain a clearance from National Board Wild Life (NBWL) even if the eco-sensitive zone is not earmarked.
11. Natural /customary paths used by villagers should not be obstructed at any time by the activities proposed under the project. Transportation of sand is to be carried out with consent of Villagers and Trucks are to be covered with Tarpaulin.
12. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
13. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / MOEF Guidelines applicable to Minor Minerals.
14. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area).
15. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
16. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
17. The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
18. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.
19. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
20. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
21. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
22. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advance of final mine closure for approval.
23. The project proponent shall obtain Consent to establish and Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein

B. General conditions

1. Any change in mining area Plot / Khata numbers, entailing capacity addition with change in process and or mining technology modernization and scope of working shall again require prior Environmental Clearance as per the provisions of EIA Notification, 2006 (as amended), SEIAA guidelines and Supreme Court judgement on the subject.

2. It shall be ensured that standards related to ambient air quality/effluent as prescribed by the Ministry of Environment & Forests are strictly complied with. Water sprinklers and other dust control majors should be applied to take-care of dust generated during mining operation, Sprinkling of water on haul roads to control dust will be ensured by the project proponent.
3. All necessary statutory clearances shall be obtained before start of mining operations. If this condition is violated, the clearance shall be automatically deemed to have been cancelled.
4. Parking of vehicles should not be made on public places.
5. No tree-felling will be done in the leased area, except only with the permission of Forest Department.
6. No wildlife habitat will be infringed.
7. It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed / basin, where, mining is carried out.
8. It shall be ensured that mining operation will not in any way disturb the, velocity and flow pattern of the river water significantly.
9. It shall be ensured that there is no fauna dependant on the river bed or areas dose to mining for its nesting, primary survey of flora and fauna shall be carried out and data / report on the same, vetted by the competent authority shall be submitted to the RO, JSPCB and SEIAA within 03 months of grant of EC.
10. The proponent shall observe every 15 day for nesting of any turtle hill stream fishes in the area. Based on the observations so made, if turtle nesting is observed, necessary safeguard measures shall be taken in consultation with the State Wildlife Department. For the purpose, awareness shall be created amongst the workers about the nesting sites so that such sites, if any, are identified by the workers during operations of the mine for taking required safeguard measures. In this regards the safety notified zone should be left so that the habitat / nesting area is undisturbed.
11. Hydro- geological study shall be carried out by reputed organization / institute within six months and establish that mining in the said area will not adversely affect the ground water regime. The report shall be submitted to the RO, JSPCB and SEIAA within six months. In case adverse impact is observed /anticipated, mining shall not be carried out.
12. Adequate protection against dust and other environmental pollution due to mining shall be made so that the habitations (if any) close by the lease area are not adversely affected. The status of implementation of measures taken shall be reported to the RO, JSPCB and SEIAA and this activity should be completed before the start of sand mining.
13. Need-based assessment for the nearby villages shall be conducted to study economic measures which can help in improving the quality of life of economically weaker section of society. Income generating projects / tools such as development of fodder farm, fruit bearing orchards, vocational training etc. can form a part of such program me. The project proponent shall provide separate budget for community development activities and income generating programmes.
14. Green cover development shall be carried out following CPCB guidelines including selection of plant species and in consultation with the local DFO / Horticulture Officer. At least 33 % of

lease area is to be covered with local species of plant. Plantation is to be carried out along Village road and other roads, community places like schools, temples, religious places, panchayat bhawan etc.

15. Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism to avoid fugitive emissions and spillage of mineral/dust.
16. Special Measures shall be adopted to protect the nearby settlements from the impacts of mining activities, Maintenance of Village roads through which transportation of minerals is to be undertaken, shall be carried out by the project proponent regularly at his own expenses.
17. Measures for prevention & control of soil erosion and management of silt shall be undertaken. Protection of dumps against erosion, if any, shall be carried out with geo textile matting or other suitable material.
18. The project proponent shall obtain necessary prior permission of the competent Authorities for withdrawal of requisite quantity of water (surface water and groundwater), required for the project.
19. Safety measures to be taken for the safety of the people working at the mine lease area should be given, which would also include measure for treatment of bite of poisonous reptile / insect like snake. Periodical and Annual medical check up of workers as per Mines Act and they should be covered under ESI as per rule.
20. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
21. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
22. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
23. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
24. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
25. Dispensary facilities for First Aid shall be provided at site.
26. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
27. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover).
28. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.

29. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
30. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office. The criteria pollutant levels namely ; SPM ,RSPM,SO₂ ,NO_x (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
31. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
32. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986,as amended subsequently ,shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.
33. All statutory clearances shall be obtained before start of mining operations.

C. Other points

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for the period of grant of lease for the mine. The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Tran boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

2. Proposals related to Stone Mine (New)

- 1. Chargi Stone Mine M/S Dilip Buildcon, Ltd, Village- Chargi, P.S- Petarwar Dist.- Boakro, Jharkhand (3.99 Ha)**

Consultant- M/S Green Cindia Pvt Ltd, NCR, Ghaziabad, RQP- Shri B. Tirkey

This is a Stone Mining Project for having an area of 3.99 Ha [Khata No.- 16, Plot No.- 10, Khata No.- 46, Plot No.- 05, Khata No.- 44, Plot No.- 06, Khata No.- 73, Plot No.- 09]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 45.00 Lakhs and a provision of Rs 0.80 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 15,02,323 t

Year-wise Production as per Approved Mining Plan Report for two years is as follows

1st Year : 6,80,400 t
2nd Year : 6,31,800 t

The daily production as per Form I is 2187 tonnes.

This project is related to NHAI and is of prime importance. PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Chargi Stone Mine M/S Dilip Buildcon, Ltd, Village- Chargi, P.S- Petarwar Dist.- Boakro, Jharkhand (3.99 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II

II. Nawadih stone mine of M/S Dilip Buildcon Ltd, Village & P.O- Nawadih, P.S- Peterwar, Dist.- Bokaro, Jharkhand (3.97 Ha.)

Consultant- M/S Green Cindia Pvt Ltd, NCR, Ghaziabad, RQP- Shri B. Tirkey

This is a Stone Mining Project for having an area of 3.97 Ha [Khata No.- 110, Plot No.- 630, 644, 651 & 656, Khata No.- 111, Plot No.- 658 & 650, Khata No.- 145, Plot No.- 655 & 658, Khata No.- 01, Plot No.- 653 & 654]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project -

as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 45.00 Lakhs and a provision of Rs 0.80 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 16,76,544 t

Year-wise Production as per Approved Mining Plan Report for two years is as follows

1st Year : 8,06,378 t
2nd Year : 8,35,672 t

The daily production as per Form I is 2737 tonnes.

This project is related to NHAI and is of prime importance. PP has submitted certificates from Circle Officer, DFO & DMO. In the certificate provided by CO distance from religious / archeologically places has not been mentioned. However, PP in annexure I has indicated that there is no such place within 500 m. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Nawadih stone mine of M/S Dilip Buildcon Ltd, Village & P.O- Nawadih, P.S- Peterwar, Dist.- Bokaro, Jharkhand (3.97 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II

III. Sosomuli Stone Mines of M/s Leading Construction, Village- Sosomuli, P.O- Kendmuri, District- Saraikela Kharsawan, Jharkhand (2.1 Ha)

Consultant- M/S ENV DAS India Pvt. Ltd, Lucknow, RQP- Sri P.K. Sen

This is a Stone Mining Project for having an area of 2.1 Ha [Khata No.- 93, Plot No.- 132]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 33.00 Lakhs and a provision of Rs 3.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 12,20,049 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	1,23,123 t
2 nd Year	:	1,23,015 t
3 rd Year	:	1,23,018 t
4 th Year	:	1,23,060 t
5 th Year	:	1,23,105 t

The daily production as per Form I is 410 tonnes.

This project is related to Road Construction and is of prime importance PP has submitted certificates from Circle Officer, DFO & DMO. In the certificate provided by CO a mention of barsati nala adjacent of plot no 133. In SEIAA guideline distance from River has been mentioned as 500 m. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Sosomuli Stone Mines of M/s Leading Construction, Village-Sosomuli, P.O- Kendmuri, District- Saraikela Kharsawan, Jharkhand (2.1 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II

IV. Stone Boulder Mining of M/S Trustline Mining & Minerals at Village-Kadamajuda, P.O- Noamundi, District- West Singhbhum, Jharkhand. (18.93 Ha)

Consultant- M/S ENV DAS India Pvt. Ltd, Lucknow, RQP- Sri P.K. Sen

PP had applied to SEIAA alongwith Form-I and PFR of ToR's for 18.93 Ha. ToR's were prescribed vide SEIAA letter no.- 673, dated – 31.12.2014. In view of 31st meeting of SEIAA held on 27.05.2015 wherein it was decided that "SEIAA decided to comply with the order of the MoEF & CC, OM No.- J-13012/12/2013-IA-II(I), dated 24.12.2013 effective from date of issuance of the direction, so the cases up to 25 Ha. for which ToRs has already been issued or are being issued or is under consideration for issuance of ToRs will be heard by the SEAC and the PP will be not insisted upon to submit EIA/EMP in such cases has spelled out in MoEF & CC, OM No.- J-13012/12/2013-IA-II(I), dated 24.12.2013". PP has applied to SEIAA for reconsideration of its proposal under B2 category. In view of above SEIAA has referred the matter to SEAC for examination of approved mine plan and other

documents. This is a Stone Mining Project for having an area of 18.93 Ha [Khata No.- 03, Plot No.- 76, 77, 92, 108, 434, 436, 440, 446, 449, 459 & 670]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 97.00 Lakhs and a provision of Rs 12.50 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 1,61,80,569 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	16,04,030 t
2 nd Year	:	16,04,683 t
3 rd Year	:	16,05,004 t
4 th Year	:	16,07,772 t
5 th Year	:	16,10,083 t

The daily production as per Mine Plan is 5354 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Stone Boulder Mining of M/S Trustline Mining & Minerals at Village- Kadajamuda, P.O- Noamundi, District- West Singhbhum, Jharkhand. (18.93 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II

V. Jamropani Stone Deposit of M/S Manpasand Minerals Pvt. Ltd at Village- Jamropani, Thana- Shikaripara, District- Dumka, Jharkhand (2.023 Ha)

Consultant- M/S Green Cindia Consulting Pvt Ltd, Ghaziabad, RQP- Sri P.K. Sen

This is a Stone Mining Project for having an area of 2.023 Ha [Jamabandi No.- 20, Plot No.- 299 & 304, Jamabandi No.- 02, Plot No.- 301 & 305, Jamabandi No.- 8, Plot No.- 303]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC.

Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 86.00 Lakhs and a provision of Rs 1.40 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 4,12,614 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	42,058 t
2 nd Year	:	42,185 t
3 rd Year	:	42,236 t
4 th Year	:	42,227 t
5 th Year	:	42,071 t


The daily production as per Form-I is 141 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Jamropani Stone Deposit of M/S Manpasand Minerals Pvt. Ltd at Village- Jamropani, Thana- Shikaripara, District- Dumka, Jharkhand (2.023 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II

VI. Ambatand Stone Mine of M/S Bhagwati Stone Works of Sri Amit Kumar Sahay at Village- Ambatand, P.S - Simaria, Dist.- Chatra, Jharkhand (1.94 Ha).

Consultant- M/S Green Cindia Consulting Pvt Ltd, Ghaziabad, RQP- Sri B. Tirkey

 This is a Stone Mining Project for having an area of 1.94 Ha [Khata No.- 01, Plot No.- 114 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the

instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 30.00 Lakhs and a provision of Rs 0.60 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 8,09,145 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	1,21,176 t
2 nd Year	:	1,15,830 t
3 rd Year	:	1,10,484 t
4 th Year	:	1,05,138 t
5 th Year	:	99,792 t

The daily production as per Form-I is 368 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Ambatand Stone Mine of M/S Bhagwati Stone Works of Sri Amit Kumar Sahay at Village- Ambatand, P.S - Simaria, Dist.- Chatra, Jharkhand (1.94 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II

VII. Amjhar Stone Mine of M/S Shradha Samburi Ventures at Village- Amjhar, P.O.- Kiso, P.S.- Deori, Dist.- Giridih, Jharkhand (1.98 Ha).

Consultant- M/S Crystal Consultants, Ranchi, RQP- Sri J.P. Bhattacharya

This is a Stone Mining Project for having an area of 1.98 Ha [Khata No.- 03, Plot No.- 360 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic

development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 18.15 Lakhs and a provision of Rs 4.50 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 8,17,549 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	82,582 t
2 nd Year	:	82,507 t
3 rd Year	:	82,544 t
4 th Year	:	82,550 t
5 th Year	:	82,534 t

The daily production as per Form-I is 275 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Amjhar Stone Mine of M/S Shradha Samburi Ventures at Village- Amjhar, P.O.- Kisgo, P.S.- Deori, Dist.- Giridih, Jharkhand (1.98 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II

VIII. Metiapahari Stone Deposit of M/S National Black Stone Works Limited at Mouza- Metiapahari, Thana + Dist.- Pakur, Jharkhand (4.99 Ha).

Consultant- M/S Green Cindia Consulting Pvt Ltd, Ghaziabad, RQP- Sri P.K. Sen

This is a Stone Mining Project for having an area of 4.99 Ha [Khata No.- 40, Plot No.- 178, Khata No.- 16, Plot No.- 169, Khata No.- 34, Plot No.- 171, 177, 172 & 174, Khata No.- 33, Plot No.- 122 (P), Khata No.- 38, Plot No.- 179, 180 & 170, Khata No.- 43, Plot No.- 181]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that

he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 70.00 Lakh and a provision of Rs 2.20 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 15,27,660 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	1,60,901 t
2 nd Year	:	1,60,099 t
3 rd Year	:	1,61,104 t
4 th Year	:	1,60,566 t
5 th Year	:	1,61,282 t

The daily production as per Form-I is 538 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Metiapahari Stone Deposit of M/S National Black Stone Works Limited at Mouza- Metiapahari, Thana + Dist.- Pakur, Jharkhand (4.99 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II

IX. Sirka Stone Deposit of M/S Vishal Construction at Village- Sirka, Thana- Karra, District- Khunti, Jharkhand (4.85 Ha).

Consultant- M/S En-Vision Environmental Services, Surat, RQP- Dr. G.S. Jaiswal

This is a Stone Mining Project for having an area of 4.85 Ha [Khata No.- 103, Plot No.-1590 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The

indicated project cost is Rs 80.00 Lakh and a provision of Rs 3.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 16,46,977 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	1,99,537 t
2 nd Year	:	1,99,537 t
3 rd Year	:	1,99,537 t
4 th Year	:	1,99,537 t
5 th Year	:	1,99,537 t

The daily production as per Form-I is 665 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Sirka Stone Deposit of M/S Vishal Construction at Village- Sirka, Thana- Karra, District- Khunti, Jharkhand (4.85 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II

X. Saharpur Stone Deposit of M/s Gowardhan Stone Works at Village- Saharpur, Tehsil-Shikaripada, Dist.- Dumka Jharkhand (1.81 Ha).

Consultant- M/S Visiontek Consultancy Services Pvt Ltd, Bhubaneshwar, RQP- Dr. G.S. Jaiswal

This is a Stone Mining Project for having an area of 1.81 Ha [Jamabandi No.- 33, Plot No.-151, Jamabandi No.-42, Plot No.- 156, Jamabandi No.- 31, Plot No.- 157]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 24.75 Lakh and a provision of Rs 4.07 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 2,21,380 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	42,199 t
2 nd Year	:	42,483 t
3 rd Year	:	42,483 t
4 th Year	:	42,483 t
5 th Year	:	42,483 t

The daily production as per Form-I is 142 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Saharpur Stone Deposit of M/s Gowardhan Stone Works at Village-Saharpur, Tehsil-Shikaripada, Dist.- Dumka Jharkhand (1.81 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II

XI. Pipaljori Stone Mine of M/S Suraj Stone works at Village- Pipaljori, Thana-Malpahari, Dist.-Pakur, Jharkhand (4.77 Ha).

Consultant- M/S Green Cindia Consulting Pvt Ltd, Ghaziabad, RQP- Dr. R.N. Singh

This is a Stone Mining Project for having an area of 4.77 Ha [Khata No.- 12, Plot No.- 03, 8, 65, 68, 76, 79, 85, Khata No.- 27, Plot No.- 04, 4, 12, 48, 50, 86, 90, Khata No.- 2, Plot No.-5, 6, 9, 11, 13, 16 to 19, 26 to 32, 44 to 47, 49, 97, 100, 101, 106, 109 (P), Khata No.- 34, Plot No.- 10, 82, 89, Khata No.- 13, Plot No.- 12, 14, 15, , Khata No.- 20, Plot No.- 33, Khata No.- 25, Plot No.- 34 (P) to 36 (P), 53, 60, 64, 66, 70, Khata No.- 01, Plot No.- 43, Khata No.- 5, Plot No.- 55, Khata No.- 02, Plot No.- 87]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 50.00 Lakhs and a provision of Rs 0.70 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 6,44,800 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	91,165 t
2 nd Year	:	83,064 t
3 rd Year	:	92,939 t
4 th Year	:	89,359 t
5 th Year	:	81,235 t

The daily production as per Form I is 292 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. PP was asked to get confirmed the distance of interstate boundary. CO in his certificate no.- 141, dated-19/02/2015 had indicated that the interstate boundary exists within 10 km since there are other mines which form a cluster of 15.96 Ha. CO has now confirmed that the distance of interstate boundary is 5 km. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Pipaljori Stone Mine of M/S Suraj Stone works at Village- Pipaljori, Thana- Malpahari, Dist.-Pakur, Jharkhand (4.77 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II

XII. Sarbil Stone Mine of M/S Nilesh Kumar Singh at Village- Sarbil, P.O- Noamundi, District- West Singhbhum, Jharkhand (3.63 Ha)

Consultant- M/S ENV DAS India Pvt Ltd, Lucknow, RQP- Sri P.K. Sen

This is a Stone Mining Project for having an area of 3.63 Ha [Khata No.- 2, Plot No.- 291 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 48.00 Lakhs and a provision of Rs 2.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 13,62,300 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	1,37,328 t
2 nd Year	:	1,37,316 t
3 rd Year	:	1,37,292 t
4 th Year	:	1,37,313 t
5 th Year	:	1,37,310 t

The daily production as per Form I is 458 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Sarbil Stone Mine of M/S Nilesh Kumar Singh at Village- Sarbil, P.O- Noamundi, District- West Singhbhum, Jharkhand (3.63 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II

XIII. Shiv Durga Mining Project of Teliadih Stone Mine of Shri Kishore Mandal & Partner, Village- Teliadih P.O+P.S.- Karmatand, Dist.- Jamtara, Jharkhand (2.43 Ha)

Consultant- M/S Green Cindia Consulting Pvt Ltd, Ghaziabad, RQP- Sri B. Tirkey

This is a Stone Mining Project for having an area of 2.43 Ha [Khata No.- 27, Plot No.- 848/B]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 45.00 Lakhs and a provision of Rs 0.70 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	5,51,124 t
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Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	66,905 t
2 nd Year	:	63,504 t

3 rd Year	:	55,809 t
4 th Year	:	52,650 t
5 th Year	:	49,491 t

The daily production as per Form I is 192 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Shiv Durga Mining Project of Teliadih Stone Mine of Shri Kishore Mandal & Partner, Village- Teliadih P.O+P.S.- Karmatand, Dist.- Jamtara, Jharkhand (2.43 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II


XIV. Datebera Stone Deposit of M/S Veer Birsa Minerals at Village- Datebera, Thana- Ghatsila, District- East Singhbhum, Jharkhand (2.02 Ha)

Consultant- M/S Ascenso Management & Consulting Services Pvt Ltd, Noida, RQP- Sri P.K. Sen

PP had applied to SEIAA alongwith Form-I and PFR. ToR's vide letter no.- 868, dated – 01.05.2015. The ToR's were issued for cluster. The following mines formed the cluster.

- Datebera Stone Deposit of M/S Veer Birsa Minerals at Village – Datebera, Thana- Ghatsila, Dist.-East Singhbhum, Jharkhand (2.02 Ha.)
- Datebera Stone Deposit of M/S Veer Birsa Minerals at Village – Datebera, Thana- Ghatsila, Dist.-East Singhbhum, Jharkhand (3.03 Ha.)

In view of 31st meeting of SEIAA held on 27.05.2015 wherein it was decided that **“SEIAA decided to comply with the order of the MoEF & CC, OM No.- J-13012/12/2013-IA-II(I), dated 24.12.2013 effective from date of issuance of the direction, so the cases up to 25 Ha. for which ToRs has already been issued or are being issued or is under consideration for issuance of ToRs will be heard by the SEAC and the PP will be not insisted upon to submit EIA/EMP in such cases has spelled out in MoEF & CC, OM No.- J-13012/12/2013-IA-II(I), dated 24.12.2013”**. PP has applied to SEIAA for reconsideration of its proposal under B2 category. In view of above decision taken SEIAA has referred the matter to SEAC for examination of approved mine plan and other documents. This is a Stone Mining Project for having an area of 2.02 Ha [Khata No.- 125, Plot No- 01 (P)] . The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

 The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that

he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 70.00 Lakhs and a provision of Rs 2.20 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 8,44,236 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	1,11,715 t
2 nd Year	:	1,53,669 t
3 rd Year	:	1,52,433 t
4 th Year	:	1,49,453 t
5 th Year	:	1,76,900 t

The daily production as per Mine Plan is 599 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Datebera Stone Deposit of M/S Veer Birsa Minerals at Village- Datebera, Thana- Ghatsila, District- East Singhbhum, Jharkhand (2.02 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II

XV. Datebera Stone Deposit of M/S Veer Birsa Minerals at Village- Datebera, Thana- Ghatsila, District- East Singhbhum, Jharkhand (3.03 Ha)

Consultant- M/S Ascenso Management & Consulting Services Pvt Ltd, Noida, RQP- Sri P.K. Sen

PP had applied to SEIAA alongwith Form-I and PFR. ToR's vide letter no.- 868, dated – 01.05.2015. The ToR's were issued for cluster. The following mines formed the cluster.

- c. Datebera Stone Deposit of M/S Veer Birsa Minerals at Village – Datebera, Thana- Ghatsila, Dist.-East Singhbhum, Jharkhand (2.02 Ha.)
- d. Datebera Stone Deposit of M/S Veer Birsa Minerals at Village – Datebera, Thana- Ghatsila, Dist.-East Singhbhum, Jharkhand (3.03 Ha.)

In view of 31st meeting of SEIAA held on 27.05.2015 wherein it was decided that “SEIAA decided to comply with the order of the MoEF & CC, OM No.- J-13012/12/2013-IA-II(I), dated 24.12.2013 effective from date of issuance of the direction, so the cases up to 25 Ha. for which ToRs has already been issued or are being issued or is under consideration for issuance of ToRs will be heard by the SEAC and the PP will be not insisted upon to submit EIA/EMP in such cases has spelled out in MoEF & CC, OM No.- J-13012/12/2013-IA-II(I), dated 24.12.2013”. PP has applied to SEIAA for reconsideration of its proposal under B2 category. In view of the above decision taken SEIAA has referred the matter to SEAC for examination of approved mine plan and other documents. This is a Stone Mining Project for

having an area of 3.03 Ha [Khata No.- 125, Plot No- 01 (P)]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 74.00 Lakhs and a provision of Rs 2.50 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 11,10,321 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	1,19,366 t
2 nd Year	:	2,01,077 t
3 rd Year	:	1,62,629 t
4 th Year	:	2,18,492 t
5 th Year	:	2,74,581 t

The daily production as per Mine Plan is 930 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Datebera Stone Deposit of M/S Veer Birsa Minerals at Village- Datebera, Thana- Ghatsila, District- East Singhbhum, Jharkhand (3.03 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – II



Annexure -II

A. Specific Conditions

1. The environmental clearance is subject to grant of mining lease by the Department of Mines, Government of Jharkhand to PP and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.



2. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in SEIAA Guidelines.
3. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / National Green Tribunal / MOEF Guidelines applicable to Minor Minerals.
4. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area). No damage is to be done to fauna if found in ML area (as mentioned in various schedules). In case found they should be given protection, collected alive with the help of the expert and transferred them or handing over them to the concerned authorities. Conservation Plan, if applicable has to be adhered to.
5. The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board shall be obtained. Benches height and slope shall be maintained as per approved Mining Plan. The Mining Plan has to be got approved by concerned authorities as per SEIAA guidelines. Safety measures shall be adopted in line with DGMS Guidelines.
6. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
7. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.
8. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
9. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
10. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, and other water bodies. The water so collected should be utilized for watering the mine area, haul roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.
11. Dimension of the retaining wall at the toe of the OB benches within the mine to check run-off and siltation shall be based on the rain fall data.
12. Greenbelt shall be developed all along the mine lease area and haul roads. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places / land / road side/community places like schools, temples, religious places, etc.
13. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads

which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.

14. The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
15. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
16. Suitable rainwater harvesting measures shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
17. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.
18. No blasting shall be carried out after the sunset. Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
19. Drills shall either be operated with the dust extractors or equipped with water injection system.
20. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.
21. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
22. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
23. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water, medical health care, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
24. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
25. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advance of final mine closure for approval.
26. The project proponent shall obtain Consent to establish and Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein

B. General conditions

1. No change in mining technology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi during the EC period.

2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. The Project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
4. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
5. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
7. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
9. Dispensary facilities for First Aid shall be provided at site.
10. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover).
12. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
13. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
14. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office The criteria pollutant levels namely ; SPM ,RSPM,SO₂ ,NO_x (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
15. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.

16. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.
17. All statutory clearances shall be obtained before start of mining operations.

C. Other points

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for the period of grant of lease for the mine (generally 10 years). The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

Proposals related to Stone Mine (Renewal Project)

I. Barisa Stone Mine of Sri Dinesh Oraon at Village – Barisa, Thana- Asni, Dist.- Gumla, Jharkhand (0.405 Ha).

Consultant- M/S Visiontek Consultancy Services Pvt Ltd, Bhubhaneshwar, RQP- Dr. G.S. Jaiswal

This is a Stone Mining Project for having an area of 0.405 Ha [Khata No.- 107, Plot No- 1244 (P)]. The committee noted that as per Form I it is a proposal for expansion of mining lease for which PP is seeking EC. The lease was valid w.e.f. 25.07.1998 for a period of 10 years.. The mining lease renewal application filed on 25.08.2008. As per DMO's letter no.348, dated – 02.07.15 there has been no production after 2008. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that

he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 7.59 Lakhs and a provision of Rs 2.10 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 37,012 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	Nil
2 nd Year	:	8496 t
3 rd Year	:	8496 t
4 th Year	:	8496 t
5 th Year	:	8496 t

The daily production as per Form 1 is 28 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Barisa Stone Mine of Sri Dinesh Oraon at Village – Barisa, Thana-Asni, Dist.- Gumla, Jharkhand (0.405 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – III

II. Gahira Stone Mine of Sri Dilip Kumbhakar, Village- Gahira, Thana – Govindpur, Dist.- Dhanbad, Jharkhand (0.60 Ha).

Consultant- M/S Green Cindia Pvt Ltd, NCR, Ghaziabad, RQP- Shri P.K. Sen

This is a Stone Mining Project for having an area of 0.60 Ha [Khata No.- 34, Plot No- 477(P)]. The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 28.04.2002 for a period of 10 years.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The

indicated project cost is Rs 20.00 Lakhs and a provision of Rs 1.20 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 68,634 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	7509 t
2 nd Year	:	7531 t
3 rd Year	:	7526 t
4 th Year	:	7530 t
5 th Year	:	7560 t

The daily production as per Form 1 is 25 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Gahira Stone Mine of Sri Dilip Kumbhakar, Village- Gahira, Thana – Govindpur, Dist.- Dhanbad, Jharkhand (0.60 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – III

III. Kulkulidanga Stone Mine of Shri Sanoj Rajak at Village- Kulkulidanga, P.O- Daldali, P.S- Shikaripara, District- Dumka, Jharkhand (0.405 Ha)

Consultant- M/S Green Cindia Pvt Ltd, NCR, Ghaziabad, RQP- Shri P.K. Sen

This is a Stone Mining Project for having an area of 0.405 Ha [Khata No.- 26, Plot No- 702, 703 & 704 (P)]. The committee noted that as per Form I it is a proposal for existing of mining lease for which PP is seeking EC. The lease was valid w.e.f. 06.03.2012 to 05.03.2017.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 18.00 Lakhs and a provision of Rs 1.30 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 41,220 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	8415 t
2 nd Year	:	8100 t
3 rd Year	:	8172 t
4 th Year	:	8268 t
5 th Year	:	8262 t

The daily production as per Form 1 is 28 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Kulkulidanga Stone Mine of Shri Sanoj Rajak at Village-Kulkulidanga, P.O- Daldali, P.S- Shikaripara, District- Dumka, Jharkhand (0.405 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – III

IV. Jamdiha Stone mine of M/S Ganesh Industries at Village-Jamdiha, Thana-Nawalsahi, Dist.- Kodarma, Jharkhand (1.82 Ha)

Consultant- M/S Green Cindia Pvt Ltd, NCR, Ghaziabad, RQP- Shri P.K. Sen

This is a Stone Mining Project for having an area of 1.82 Ha [Khata No.- 42, Plot No- 455 (P) & Khata No.- 43, Plot No.- 48 (P), 59 (P) & 60]. The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 16.07.2002 to 15.07.2012.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 23.00 Lakhs and a provision of Rs 1.50 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 1,61,535 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	16,251 t
2 nd Year	:	16,327 t
3 rd Year	:	16,430 t
4 th Year	:	16,513 t
5 th Year	:	16,681 t

The daily production as per Form 1 is 55 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Jamdiha Stone mine of M/S Ganesh Industries at Village-Jamdiha, Thana- Nawalsahi, Dist.- Kodarma, Jharkhand (1.82 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – III

V. Domchanch stone mine of M/S Kamal Prabhat Stone at Village- Domchanch, P.O + P.S. Domchanch, Dist- Kodarma, Jharkhand (2.226 Ha)

Consultant- Green Cindia Consulting Pvt Ltd, Ghaziabad, RQP- Sri B. Tirkey

This is a Stone Mining Project for having an area of 2.226 Ha [Khata No.- 1340, Plot No- 5688 (P)] . The committee noted that as per Form I it is a proposal for renewal of mining lease for which PP is seeking EC. The lease was valid w.e.f. 06.01.2002 for a period of 10 years.. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 45.00 Lakhs and a provision of Rs 0.70 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	78,889 t
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Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	17,982 t
2 nd Year	:	15,120 t
3 rd Year	:	13,703 t

4 th Year	:	19,845 t
5 th Year	:	9315 t

The daily production as per Form 1 is 51 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Domchanch stone mine of M/S Kamal Prabhat Stone at Village- Domchanch, P.O + P.S. Domchanch, Dist- Kodarma, Jharkhand (2.226 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – III

VI. Godai Tungi Stone Mine of M/S Harilal Ajoy & Co. at Village- Godai Tungi, Thana- Taljhari, District- Sahebganj, Jharkhand (2.218).

Consultant- M/S Grass Roots Research and Creation India (P) Ltd, Noida, RQP- Sri P.K. Sen

PP had applied to SEIAA alongwith Form-I and PFR. ToR's vide letter no.- 699, dated – 31.12.2014. The ToR's were issued for cluster. The following mines formed the cluster.

- e. Patnibona Stone Mine along with Crusher of Shri Narsingh Lagdhir at Village – Patnibona, Thana- Taljhari, Dist.-Sahebganj, Jharkhand (6.086 Ha.)
- f. Patni bona Stone Mine of M/s Harilal Ajoy & Comp. at Vill.- Patnibona, Thana- Taljhari, District- Sahebganj Jharkhand (0.567 Ha)
- g. Godai Tungi Stone Mine of M/s Harilal Ajoy & Comp at Vill.- Godai Tungi, Thana- Taljhari, District- Sahebganj, Jharkhand.(2.218 Ha)

In view of 31st meeting of SEIAA held on 27.05.2015 wherein it was decided that **“SEIAA decided to comply with the order of the MoEF & CC, OM No.- J-13012/12/2013-IA-II(I), dated 24.12.2013 effective from date of issuance of the direction, so the cases up to 25 Ha. for which ToRs has already been issued or are being issued or is under consideration for issuance of ToRs will be heard by the SEAC and the PP will be not insisted upon to submit EIA/EMP in such cases has spelled out in MoEF & CC, OM No.- J-13012/12/2013-IA-II(I), dated 24.12.2013”**. PP has applied to SEIAA for reconsideration of its proposal under B2 category. In view of the decision taken above SEIAA has referred the matter to SEAC for examination of approved mine plan and other documents. This is a Stone Mining Project for having an area of 2.218 Ha [Khata No.- 48, Plot No- 89 to 92] . The committee noted that as per Form I it is a proposal for existing of mining lease for which PP is seeking EC. The lease was valid w.e.f. 23.08.2008 for a period of 07 years.. Considering the fact that it is B2 Category. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic

development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 55.00 Lakhs and a provision of Rs 1.75 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 7,98,995 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	79,993 t
2 nd Year	:	72,973 t
3 rd Year	:	79,842 t
4 th Year	:	80,541 t
5 th Year	:	80,320 t

The daily production as per Mine Plan is 273 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Godai Tungi Stone Mine of M/S Harilal Ajoy & Co. at Village- Godai Tungi, Thana- Taljhari, District- Sahebganj, Jharkhand (2.218) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – III

VII. Patnibona Stone Mine along with Crusher of M/S Narsingh Lagdhir at Village- Patnibona, Thana- Taljhari, District- Sahebganj, Jharkhand (6.086 Ha).

Consultant- M/S Grass Roots Research and Creation India (P) Ltd, Noida, RQP- Sri P.K. Sen

PP had applied to SEIAA alongwith Form-I and PFR. ToR's vide letter no.- 699, dated – 31.12.2014. The ToR's were issued for cluster. The following mines formed the cluster.

- a. Patnibona Stone Mine along with Crusher of Shri Narsingh Lagdhir at Village – Patnibona, Thana- Taljhari, Dist.-Sahebganj, Jharkhand (6.086 Ha.)
- b. Patni bona Stone Mine of M/s Harilal Ajoy & Comp. at Vill.- Patnibona, Thana- Taljhari, District- Sahebganj Jharkhand (0.567 Ha)
- c. Godai Tungi Stone Mine of M/s Harilal Ajoy & Comp at Vill.- Godai Tungi, Thana- Taljhari, District- Sahebganj, Jharkhand.(2.218 Ha)

In view of 31st meeting of SEIAA held on 27.05.2015 wherein it was decided that “SEIAA decided to comply with the order of the MoEF & CC, OM No.- J-13012/12/2013-IA-II(I), dated 24.12.2013 effective from date of issuance of the direction, so the cases up to 25 Ha. for which ToRs has already been issued or are being issued or is under consideration for

issuance of ToRs will be heard by the SEAC and the PP will be not insisted upon to submit EIA/EMP in such cases has spelled out in MoEF & CC, OM No.- J-13012/12/2013-IA-II(I), dated 24.12.2013". PP has applied to SEIAA for reconsideration of its proposal under B2 category. In view of the decision taken above SEIAA has referred the matter to SEAC for examination of approved mine plan and other documents. This is a Stone Mining Project for having an area of 6.086 Ha [Khata No.- 45, Plot No- 26 (P)] . The committee noted that as per Form I it is a proposal for existing of mining lease for which PP is seeking EC. The lease was valid w.e.f. 31.03.2010 for a period of 05 years.. Considering the fact that it is B2 Category. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed with respect to proposed Mining Plan, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the mine, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining haul roads and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 50.00 Lakhs and a provision of Rs 2.50 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 35,25,687 t

Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	1,77,371 t
2 nd Year	:	1,77,188 t
3 rd Year	:	1,78,610 t
4 th Year	:	1,78,940 t
5 th Year	:	1,78,662 t

The daily production as per Mine Plan is 596 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee recommends that the proposal for Patnibona Stone Mine along with Crusher of M/S Narsingh Lagdhir at Village- Patnibona, Thana- Taljhari, District- Sahebganj, Jharkhand (6.086 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure – III

Annexure-III

A. Specific Conditions

1. The environmental clearance is subject to renewal of mining lease by the Department of Mines, Government of Jharkhand to PP and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
2. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in SEIAA Guidelines.
3. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / National Green Tribunal / MOEF Guidelines applicable to Minor Minerals.
4. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area). No damage is to be done to fauna if found in ML area (as mentioned in various schedules). In case found they should be given protection, collected alive with the help of the expert and transferred them or handing over them to the concerned authorities. Conservation Plan, if applicable has to be adhered to.
5. The mining operations shall be restricted to above ground water table and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board shall be obtained. Benches height and slope shall be maintained as per approved Mining Plan. The Mining Plan has to be got approved by concerned authorities as per SEIAA guidelines. Safety measures shall be adopted in line with DGMS Guidelines.
6. PP shall maintain minimum distance from Reserved / Protected Forests as stipulated in applicable guidelines.
7. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.
8. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
9. There shall be no external dump(s). Monitoring and management of rehabilitated areas shall continue until the vegetation becomes self-sustaining. Compliance status shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
10. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, and other water bodies. The water so collected should be utilized for watering the mine area, haul roads, green belt development etc. The drains shall be regularly desilted particularly after the monsoon and maintained properly.
11. Dimension of the retaining wall at the toe of the OB benches within the mine to check run-off and siltation shall be based on the rain fall data.
12. Greenbelt shall be developed all along the mine lease area and haul roads. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places / land.

13. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
14. The project proponent should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
15. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
16. Suitable rainwater harvesting measures shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
17. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.
18. No blasting shall be carried out after the sunset. Blasting operation shall be carried out only during the daytime. Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.
19. Drills shall either be operated with the dust extractors or equipped with water injection system.
20. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.
21. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
22. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
23. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water, medical health care, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
24. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
25. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advance of final mine closure for approval.
26. The project proponent shall obtain Consent to establish and Consent to Operate from the Jharkhand State Pollution Control Board, Ranchi and effectively implement all the conditions stipulated therein

B. General conditions

1. No change in mining technology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi during the EC period.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. The Project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
4. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
5. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
7. Industrial waste water (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards Oil and grease trap should be installed before discharge of workshop effluents.
8. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
9. Dispensary facilities for First Aid shall be provided at site.
10. A separate environmental management / monitoring cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
11. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover) or at least Rs 1 per ton whichever is higher.
12. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
13. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
14. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office. The criteria pollutant levels namely ; SPM ,RSPM,SO₂ ,NO_x (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
15. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom

suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.

16. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along the status of compliance of EC conditions and shall also be submitted to the concerned Regional Office of JSPCB by e-mail.
17. All statutory clearances shall be obtained before start of mining operations.

C. Other points

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance accorded shall be valid for the period of renewal of lease. The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

3. Proposals related to Brick Clay Mine

I. Brick Clay Mining of M/S Baba Bricks at Village- Raghunathpur, P.O- Kaimi, P.S- Bahragora, District- East Singhbhum, Jharkhand (3.56 Ha).

This is a Brick Clay Mining Project for having an area of 3.56 Ha [Khata No.- 29, Plot No.- 740, Khata No.- 188, Plot No- 742, 744, Khata No.- 33, Plot No.- 888, 889, Khata No.- 170, Plot No.- 750, 753, Khata No.- 82, Plot No.- 748, 749, 756, 808, Khata No.- 114, Plot No.- 745, Khata No.- 120, Plot No.- 891, Khata No.- 123, Plot No.- 746, Khata No.- 135, Plot No.- 751, 752]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24th June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining

Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 49.00 Lakhs and a provision of Rs 2.45 Lakhs will be kept for Environment management.

PP has submitted certificate from DMO and affidavit w.r.t. distance from forest as required under SEIAA guidelines. The same was examined and found to be satisfactory. Affidavits with regard to distance from forest have been accepted based on decision taken by SEIAA in its 22nd Meeting held on 04/08/2014 vide item 32.

The proposed annual production capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/S Baba Bricks at Village- Raghunathpur, P.O- Kaimi, P.S- Bahragora, District- East Singhbhum, Jharkhand (3.56 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure - IV.

II. Brick Clay Mining of M/S Brize Bricks at Village- Chhotaloro, Taluka-Gumla, District- Gumla, Jharkhand (2.20 Ha).

This is a Brick Clay Mining Project for having an area of 2.20 Ha [Khata No.- 48, Plot No.- 896, 901 & 902]. The committee noted that as per Form I it is a proposal for new project for which PP is seeking EC. Considering the fact that it is B2 Category of Project - as per EIA Notification dated 14.09.2006 the environmental impact assessment as well as Public Consultation is not required. The committee felt that TOR is not required, nor any formal EIA/EMP is to be prepared in the instant case. These prescribed exemptions (Based on SEIAA guidelines and decision taken vide MOEF Notification dated 14.09.2006) are recommended by the Committee in the instant case.

The project was reviewed in light of Office Memorandum No. L-11011/47/2011-IA.II(M), dated- 24th June, 2013 issued by MoEF and SEIAA guidelines with respect to proposed Mining Scheme, Environmental protection measures proposed to be adopted, proposal for carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health, etc. In view of the size of the pit, production rate and the mineral mined and the assurance given by PP that he will give due consideration to environment by maintaining road from pit to kiln and water sprinkling on same, carrying out CSR activities for socio-economic development, development of green belt, due consideration of occupational health of persons engaged in mining. The committee felt that the operation of the mine will have not have any major impact on the surroundings. The indicated project cost is Rs 37.50 Lakhs and a provision of Rs 1.00 Lakhs will be kept for Environment management.

PP has submitted certificate from DMO and affidavit w.r.t. distance from forest as required under SEIAA guidelines. The same was examined and found to be satisfactory. Affidavits with

regard to distance from forest have been accepted based on decision taken by SEIAA in its 22nd Meeting held on 04/08/2014 vide item 32.

The proposed annual production capacity as per Form I has been indicated as 1584 m³.

Based on the presentation made and information provided the Committee recommends that the proposal for Brick Clay Mining of M/S Brize Bricks at Village- Chhotaloro, Taluka- Gumla, District- Gumla, Jharkhand (2.20 Ha) be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given at Annexure-IV.

Annexure-IV

A. Specific Conditions

1. The environmental clearance is subject to grant / renewal of mining permit by the Department of Mines, Government of Jharkhand to PP Latest Minor Mineral Concession Rules of Govt. of Jharkhand and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
2. No mining shall be undertaken in the forest area without obtaining requisite prior forestry clearance. Minimum distance shall be maintained from Reserved / Protected Forest as stipulated in SEIAA Guidelines.
3. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India / MOEF Guidelines applicable to Minor Minerals / Brick Earth Mining.
4. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project (in case any fauna occurs / is found in the Project area). No damage is to be done to fauna if found in ML area (as mentioned in various schedules). In case found they should be given protection, collected alive with the help of the expert and transferred them or handing over them to the concerned authorities.
5. The activity associated with borrowing / excavation of 'brick earth' and 'ordinary earth' for purpose of brick manufacturing, construction of roads, embankments etc. shall not involve blasting.
6. The borrowing / excavation activity shall be restricted to a maximum depth of 2 m below general ground level at the site. However – excavation shall not intercept with ground water level at site.
7. The borrowing / excavation activity shall not alter the natural drainage pattern of the area.
8. The borrowing / excavated pit shall be restored by the project proponent for useful purpose (s).
9. Appropriate fencing all around the borrowed / excavated pit shall be made to prevent any mishap.
10. Measures shall be taken to prevent dust emission by covering of borrowed / excavated earth during transportation.
11. Safeguards shall be adopted against health risks on account of breeding of vectors in the water bodies created due to borrowing / excavation of earth.
12. Workers / labours shall be provided with facilities for drinking water and sanitation.
13. A considerable space from mine pit shall be left from the boundary of adjoining field, having, minimum width of 5M.

14. A minimum distance of 15 m from any civil structure shall be kept from the periphery of any excavation area.
15. The project proponent shall ensure that no natural watercourse and / or water resources shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating / passing through the mine lease area during the course of mining operation.
16. The top soil, if any shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation.
17. Greenbelt shall be developed all along the mine lease area and haul roads. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places / land.
18. Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and transfer points. Extensive water sprinkling shall be carried out on haul roads which should be made pucca with suitable water drainage arrangements. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
19. The project proponent should implement suitable conservation measures to augment ground water resources in the area as per guidelines of Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
20. The project proponent shall if required, obtain necessary prior permission/NOC of the competent authorities for drawl of requisite quantity of water required for the project.
21. Suitable rainwater harvesting scheme shall be planned and implemented as per guidelines of Ground Water Directorate, Government of Jharkhand / Central Ground Water Board.
22. Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded. No transportation of ore outside the mine lease area shall be carried out after the sunset.
23. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.
24. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
25. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
26. Provision shall be made for the housing of labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water, medical health care, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
27. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
28. A final mine closure scheme plan of mine pit shall be submitted to concerned DMO in advance of final mine closure for approval.

29. The excavated earth – by such Brick mining pit owner – shall be supplied only to owners of manufacturing of bricks –having “Consent to Operate” under the provision of section 25 and 26 of The water (prevention and control of pollution) Act, 1974 and under section 21 of The Air (prevention and control of pollution) Act, 1981.
30. All haul roads connection to mining pit head to concerned Brick kilns – shall have muram / Brick paved road to avoid fugitive emission during transportation activities. In addition to this there shall be tree plantation in both side along the haul road.
31. Prime agricultural land shall not be used for earth mining – until and unless – permission of conversion of land has been obtained by component authority.

B. General conditions

1. No change in mining methodology and scope of working should be made without prior approval of the Statutory authorities / Department of Mines, Government of Jharkhand / Jharkhand State Pollution Control Board, Ranchi during the EC period.
2. No change in the calendar plan including excavation, quantum of mineral and waste should be made.
3. The Project proponent shall make internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises.
4. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
5. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
6. Measures should be taken for control of noise levels below prescribed norms in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
7. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
8. Dispensary facilities for First Aid shall be provided at site.
9. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (% of Profit / turnover).
10. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) by furnishing the requisite data / information / monitoring reports.
11. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi its concerned Regional Office and to SEIAA.
12. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned

Regional Office The criteria pollutant levels namely ; SPM ,RSPM,SO₂ ,NO_x (ambient levels) or critical sectoral parameters , indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.

13. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent.
14. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently ,shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.
15. All statutory clearances shall be obtained before start of mining operations.

C. Other points

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Environmental Clearance will be valid till the period of land lease and subject to renewal of mining permit which are generally granted for period of 6 month at one time. The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
4. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Tran boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
5. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

4. Topailore Iron Ore Mining Project of Gua Ore Mines of M/S SAIL at Village- Topailore, Tehsil- Noamundi, Dist.- West Singhbhum, Jharkhand.

SAIL had applied to MoEF vide its letter no.- RMD/K/E&C/11/246 dated 19.11.2011 for grant of ToR's. MoEF vide its letter no.- J-11015/272/2011-IA-II(M) dated- 25.07.2012 prescribed the ToR's. Since the area of the iron ore lease is 14.16 Ha the file was transferred to SEIAA, Jharkhand by MoEF & CC vide its letter no.- J-11015/272/2011-IA-II (M) dated 9th February, 2015.

Topailore Iron Ore Mine, under Raw Materials Division (RMD) of SAIL, is part of the Gua Group of Mines which also includes Durgaburu Lease – the main iron ore mining lease, Jhillingburu I Iron Ore & Maganese Ore Mining Lease, and Jhillingburu II Iron Ore & Manganese Ore Mining Lease. Topailore mine is closed since 1971. The present proposal

envisages resumption of open cast mining of iron ore @ 6,00,000 t/yr. The iron ore will be used by SAIL for steel manufacture in the company's steel plants.

Topailore mining spread over 14.160 Ha, is located in Noamundi Tehsil- of West Singhbhum district of Jharkhand State. The lease is entirely located in Ghatkuri Reserve Forest (R.F) under Gua Range of Saranda Forest Division. The lease area forms part of Survey of India toposheet no: 73 F/8 and is bounded by latitudes 22° 12'00" to 22° 12'130" N and longitudes 85° 22'00" to 85° 22'30" E. The lease area can be approached by all weather metalled roads viz. Jamda-Thalkobad road. The nearest railway station, both for passenger as well as goods trains is Gua which is located on the Rajkharsawan-Barajamda-Gua broad gauge branch line of SE Railway. The line joins the Howrah-Mumbai main line at Rajkharsawan Junction. The leasehold is well connected with Tatanagar (147 km away) by metalled road as well as by rail route via Chaibasa and Noamundi and can also be approached through metalled and unmetalled roads from Manoharpur railway station on Howrah-Mumbai main line.

The mining lease for Topailore was granted in favour of Indian Iron & Steel Company Ltd (IISCO) with effect from 09.03.1970 for 30 years. The renewal application was filed on 06.03.1999 for another 20 years. Presently the mine is under the control of the Raw Materials Division (RMD) of Steel Authority of India Limited (SAIL), which took over IISCO in 2006. The lease is under Deemed Renewal under the provision of Mineral Concession Rules, 1960.

The lease hold has been divided into three areas designated as Area – 1, Area – 2 and Area – 3 for operational convenience. Area 1 comprises of the western part of the lease at the toe of Durgaiburu's fines Dump; Area 2 is the northern part of the lease; Area 3 comprises of the southern and eastern parts of the lease.

In the initial 5 years, only Areas 1 and 2 will be worked as Area – 1 is adjacent to Durgaiburu's Fines Dump and there is a chance of slides down to the other 2 areas. The reserves in Area – 3 are not much. Pit blending by working two areas will lead to better quality of ROM ore.

The mine will be worked by means of opencast mechanized method of mining using pay-loader (2 nos. 2 m³ capacity), dozer (2 nos. 320 HP capacity) and dumper (7 nos. 10 t capacity). No drilling and blasting will be required. In the first year of operation, 0.08 Mt of iron ore will be mined. The rated capacity of the mine (0.6Mt/yr) will be achieved in the 2nd year. It is expected that annually about 12,000 t of sub-grade fines (< 54 % Fe), i.e. ~2% of the excavated ore, will also be generated, which will be blended with higher grade material. Regular sampling will ensure the exact pattern of blending.

Two quarries are proposed to be worked simultaneously. These will be designated as Quarry 1 and Quarry 2 and located in Area 1 and Area 2 respectively. Maximum height of each bench will be 6 m and average width of each bench will be 10 m. At any time one bench in each quarry will be worked. However 2 more benches will be kept developed in each of the quarries. The pit slope will not exceed 30°. Additional precautions such as avoidance of manual mining, guarding against wash off due to precipitation by provision of garland drains / dam etc. will be adopted.

The mine will be worked only during day time with a single working shift.

Proposed fuel requirements of Topailore mine is expected to be 60 kl/yr.

As part of the modernization of Gua Ore Mines a beneficiation plant will be set up in Durgaiburu ML. The ore from Topailore ML will be sent to this beneficiation plant by covered conveyors.

The mine shall employ 45 persons (5 office staff, 7 highly skilled workers, 8 skilled workers, 7 semiskilled workers, and 18 unskilled workers). On any given day about 31 persons are expected to be on duty.

Since the mine shall operate only during day-time and shall use only diesel powered machinery, only about 1.5 kw electrical power shall be required for the office, canteen and rest shelters and that too only during day time. The power shall be drawn from the grid.

Peak water demand of the Topailore Mine is expected to be 63 m³/d of which 61 m³/d will be drawn from Karo River and 2 m³/ da shall be recycled water.

Based on the presentation made and information provided the Committee recommends that the proposal for Topailore Iron Ore Mining Project of Gua Ore Mines of M/S SAIL at Village- Topailore, Tehsil- Noamundi, Dist.- West Singhbhum, Jharkhand be recommended for consideration of SEIAA for grant of EC. The various conditions for grant of EC are given below.

A. Specific Conditions

1. The Environmental Clearance is subject to renewal of mining lease as per rule 24A of mineral concession Rule 1960 and all other Statutory Conditions as imposed by various agencies / District Authorities are complied with.
2. At the time of obtaining Consent to establish/ Consent to Operate, PP should submit site map duly signed by PP and DMO to JSPCB & SEIAA.
3. At the time of obtaining consent to operate, PP will erect boundary pillars to demarcate boundary of lease. GPS reading, backward – forward bearing & pillar to pillar distance is to written on each pillar. Pillar wise list will be submitted to SEIAA and JSPCB before issue of Consent to Establish/ Consent to Operate.
4. All the conditions stipulated by the State Pollution Control Board in their NOC shall be effectively implemented.
5. Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, as may be applicable to this project. The project proponent shall take all precautionary measures during mining operation for conservation and protection of endangered fauna.
6. Necessary permission from the Forest Department for transportation of mineral through the forest road shall be revalidated before restarting mining operation.
7. The mining operations shall be restricted to above ground water table and it should not intersect groundwater table. In case of working below the ground water table, prior approval of the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board shall be obtained. Benches height and slope shall be maintained as per approved Mining Plan.
8. The project proponent shall ensure that no natural watercourse shall be obstructed due to any mining operations. Adequate measures shall be taken for conservation and protection of the first order and the second order streams, if any emanating/passing through the mine lease area during the course of mining operation.

9. Top soil should be stacked with proper slope at earmarked site(s) only with adequate measures and should be used for reclamation and rehabilitation of mined out areas.
10. The entire waste generated shall be backfilled and there shall be no external over burden dump left at the end of the mine life. The entire backfilled area shall be reclaimed by plantation. The back filling should be carried out in such a manner that it is restored to the normal ground level. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office on six monthly basis.
11. Catch drains and siltation ponds of appropriate size should be constructed for the working pit, temporary OB dumps, if any and mineral dumps to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly desilted, particularly after monsoon, and maintained properly.
12. Garland drain of appropriate size, gradient and length shall be constructed for both mine pit and temporary dumps and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site. Sump capacity should also provide adequate retention period to allow proper settling of silt material. Sedimentation pits should be constructed at the corners of the garland drains and desilted at regular intervals.
13. Dimension of the retaining wall at the toe of temporary dumps and OB benches within the mine to check run-off and siltation should be based on the rain fall data.
27. Plantation shall be raised in the 7.5m wide green belt in the safety zone around the mining lease by planting the native species around ML area, backfilled and reclaimed area, around water body, roads etc. in consultation with the local DFO/Agriculture Department. Greenbelt shall be developed all along the mine lease area and haul roads. The Project proponent shall do tree plantation in at least 33% of the space, preferably along the periphery and in vacant space. Fast growing and local species will be planted. In case land is not available within the lease area or it is not possible to plant trees due to nature of land then PP will do necessary afforestation at other places / land.
14. Regular water sprinkling should be carried out in critical areas prone to air pollution and having high levels of SPM and RSPM such as haul road, loading and unloading point and transfer points. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.
15. The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board/ Authority.
16. The project authorities should obtain prior approval of the competent authority for drawl of water required for the project.
17. Suitable rainwater harvesting measures shall be planned and implemented in consultation with the Ground Water Directorate, Government of Jharkhand / Central Ground Water Board / Authority.
18. Vehicular emissions should be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The vehicles should be covered with a tarpaulin and shall not be overloaded.
19. Blasting operation should be carried out only during the daytime. Controlled blasting should be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.

20. Drills shall either be operated with dust extractors or equipped with water injection system.
21. Effective safeguard measures should be taken to control fugitive emissions so as to ensure that RSPM (PM10 and PM 2.5) levels are within prescribed limits.
22. Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained.
23. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, septic tanks, safe drinking water, medical health care, etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
24. Proper safety measures as per statutory requirement are to be implemented around the mined out Pit prior to closure of site.
25. A final mine closure Plan along with corpus fund duly approved by Competent Authority shall be submitted to the Jharkhand State Pollution Control Board, Ranchi and to concerned DMO in advance of final mine closure for approval.
26. Consent to operate should be obtained from JSPCB before starting production from the mine.

B. General conditions

1. No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment and Forests.
2. No change in the calendar plan including excavation, quantum of iron ore and waste should be made.
3. The Project proponent shall maintain register for production and dispatch and submit return to the Board.
4. The Project proponent shall not cut trees / carry out tree felling in leased out area without the permission of competent authority.
5. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for SPM / RSPM (PM10 and PM 2.5) levels, SO₂ & NO_x monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
6. Regular monitoring of ground water level and quality should be carried out in and around the mine lease by establishing a network of existing wells and constructing new piezometers during the mining operation. The monitoring should be carried out four times in a year i.e. January, April-May, August, November and the data thus collected may be sent regularly to Jharkhand State Pollution Control Board, Ranchi and its nearest Regional Office / Ground Water Directorate, Government of Jharkhand / Central Ground Water Board / Authority.
7. The Project proponent shall make all internal roads pucca and shall maintain a good housekeeping by regular cleaning and wetting of the haul roads and the premises. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
8. Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.
9. Industrial wastewater (workshop and waste water from the mine) should be properly collected, treated so as to conform to the standards prescribed under GSR 422(E) dated 19th


May 1993 and 31st December 1993 or as amended from time to time. Oil and grease trap should be installed before discharge of effluents from workshop.

10. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
11. Occupational health surveillance programme of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed. Dispensary facilities for First Aid shall be provided at site.
12. A separate environmental management cell with suitable qualified personnel should be set up under the control of a senior Executive, who will report directly to the Head of the organization.
13. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Jharkhand State Pollution Control Board, Ranchi. PP shall carry out CSR activities as per Government Guidelines (%of Profit / turnover).
14. The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purposes. Year-wise expenditure should be reported to the Ministry and its Regional Office located at Bhubaneswar.
15. The Jharkhand State Pollution Control Board, Ranchi directly or through its Regional Office, shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) by furnishing the requisite data / information / monitoring reports.
16. The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Jharkhand State Pollution Control Board, Ranchi and to its concerned Regional Office.
17. The proponent shall upload the status of compliance of the environmental clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to Jharkhand State Pollution Control Board and its concerned Regional Office. The criteria pollutant levels namely; SPM RSPM, SO₂, NO_x (ambient levels) or critical sectoral parameters, indicated for the project shall be monitored and displayed at a convenient location near the project shall be monitored and displayed at a convenient location near the main gate of the company in the company in the public domain.
18. A copy of the clearance letter shall be sent by the project proponent to concerned Panchayat, Zila Parisad / Municipal Corporation, Urban Local Body and the Local NGO, if any, from whom suggestions/ representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the project proponent. JSPCB should display a copy of the clearance letter at the Regional Office, District Industry Centre and DC's, Circle Officer's Office for 30 days. The project authorities should also advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the Jharkhand State Pollution Control Board
19. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the Jharkhand State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along the status of compliance of EC conditions and shall also to the concerned Regional Office of JSPCB by e-mail.

20. All statutory clearances shall be obtained before start of mining operations.

C. Other points

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. Failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
3. The Environmental Clearance accorded shall be valid for the period of renewal of lease (generally 20 years) / life of mine or for 30 years whichever is less. The PP shall not increase production rate and alter lease area during the validity of Environmental Clearance.
4. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.
5. The above stipulations would be enforced among others under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Tran boundary Movement) Rules, 2008 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/ High Court of Jharkhand and any other Court of Law relating to the subject matter.
6. Any Appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


(S.K. Suman)
Secretary


(A K Saxena)
Chairman