

PART-D MINUTES OF THE 31st MEETING OF STATE LEVEL EXPERT APPRAISAL COMMITTEE (SEAC), JHARKHAND HELD FROM 03rd to 06th AUGUST, 2015

The 31st meeting of State Level Expert Appraisal Committee (SEAC), Jharkhand was held from 03rd to 06th August, 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. Dr. R.P. Singh Sangu - Member
4. Prof. (Dr.) M.C. Mahata - Member
5. Shri S.K. Suman - Secretary

Er. S.K. Singh, Member, SEAC and Dr. Shatrunjay Kumar Singh, Member, SEAC did not attend the meeting due to their personal reason.

Various projects which were received by SEIAA after the previous SEAC meeting held from 20th to 23rd 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. Projects recommended to SEIAA for consideration of grant of EC.

1. Proposals related to Stone Mine (New Project)

I. Uparsila Stone Deposit Sri Harish Kumar Vig at Village- Uparsila, Taluka- Rajnagar, Tehsil- Rajnagar, Dist.-Saraikela-Kharsawan, Jharkhand (4.65 Ha)

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

This is a Stone Mining Project for having an area of 4.65 Ha [Plot No.- 336]. The committee noted that as per Form I it is a proposal for new lease 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 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 : 28,84,942 t

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

1 st Year	:	3,01,849 t
2 nd Year	:	3,01,379 t
3 rd Year	:	3,00,915 t
4 th Year	:	3,00,704 t
5 th Year	:	3,01,120 t

The daily production as per Form 1 is 1004 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 decided that the proposal for Uparsila Stone Deposit Sri Harish Kumar Vig at Village- Uparsila, Taluka- Rajnagar, Tehsil- Rajnagar, Dist.-Saraikela-Kharsawan, Jharkhand (4.65 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

II. Uparsila Stone Deposit Sri Harish Kumar Vig at Village- Uparsila, Taluka- Rajnagar, Tehsil- Rajnagar, Dist.-Saraikela-Kharsawan, Jharkhand (3.59 Ha)

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

This is a Stone Mining Project for having an area of 3.59 Ha [Plot No.- 23 & 34]. The committee noted that as per Form I it is a proposal for new lease 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 25.00 Lakh and a provision of Rs 4.00 Lakhs will be kept for Environment management.



The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 10,23,322 t

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

1 st Year	:	1,16,278 t
2 nd Year	:	1,16,213 t
3 rd Year	:	1,16,678 t
4 th Year	:	1,16,932 t
5 th Year	:	1,16,494 t

The daily production as per Form 1 is 389 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. In the certificate provide by CO it has been mentioned that there is an educational institution within 500 m. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee decided that the proposal for Uparsila Stone Deposit Sri Harish Kumar Vig at Village- Uparsila, Taluka- Rajnagar, Tehsil- Rajnagar, Dist.-Saraikela-Kharsawan, Jharkhand (3.59 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

III. Dardaha Stone Deposit of Sri Kamal Kumar Das at Village- Dardaha, Tehsil- Baliapur, Dist.- Dhanbad, Jharkhand (0.81 Ha).

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

This is a Stone Mining Project for having an area of 0.81 Ha [Khata No.- 59, Plot No.- 1197]. The committee noted that as per Form I it is a proposal for new lease 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 15.00 Lakh 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 : 2,78,194 t

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

1 st Year	:	25,056 t
2 nd Year	:	18,271 t
3 rd Year	:	21,708 t
4 th Year	:	24,046 t
5 th Year	:	29,168 t

The daily production as per Form 1 is 80 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 decided that the proposal for Dardaha Stone Deposit of Sri Kamal Kumar Das at Village- Dardaha, Tehsil- Baliapur, Dist.- Dhanbad, Jharkhand (0.81 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

IV. Khauro Stone Deposit of Sri Radheshyam Pachisia at Village – Khaura, Thana - Tisri, Dista- Giridih, Jharkhand, (4.31 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 4.31 Ha [Khata No.- 1, Plot No.- 1 & 5]. 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 83.55 Lakh and a provision of Rs 3.05 Lakhs (revised) will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	24,89,529 t
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Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	2,51,382 t
2 nd Year	:	2,51,577 t



3 rd Year	:	2,51,103 t
4 th Year	:	2,51,643 t
5 th Year	:	2,51,256 t

The daily production as per Form 1 is 839 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 decided that the proposal for Khauro Stone Deposit of Sri Radheshyam Pachisia at Village – Khaura, Thana - Tisri, Dista- Giridih, Jharkhand, (4.31 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

V. Belpana Stone Deposit of Sri Sajjan Kumar Pachisia at Villag – Belpana, Thana – Tisri, Dist.- Giridih, Jharkhand (3.53 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 3.53 Ha [Khata No.- 1, Plot No.- 75 (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 3.40 Lakhs (revised) will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	21,51,079 t
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Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	2,07,131 t
2 nd Year	:	2,07,501 t
3 rd Year	:	2,06,316 t
4 th Year	:	2,00,914 t
5 th Year	:	2,08,727 t

The daily production as per Form 1 is 696 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. CO in his certificate has mentioned that there is a small tank and Karbalae The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee decided that the proposal for Belpana Stone Deposit of Sri Sajjan Kumar Pachisia at Villag – Belpana, Thana – Tisri, Dist.- Giridih, Jharkhand (3.53 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

VI. Kantabani Stone Deposit of M/S Megotia Construction Pvt Ltd at Village- Kantabani, Tehsil- Chakulia, Dist.-East Singhbhum, Jharkhand (4.856 Ha)

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

This is a Stone Mining Project for having an area of 4.856Ha [Khata No.- 164, Plot No.- 13 (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 39.00 Lakh and a provision of Rs 14.83 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 13,71,372 t

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

1 st Year	:	1,80,000 t
2 nd Year	:	1,80,000 t
3 rd Year	:	1,80,000 t
4 th Year	:	1,80,000 t
5 th Year	:	1,79,999 t

The daily production as per Form 1 is 600 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. In certificate provided by CO the distance of Interstate Boundary has been indicated 700 m. However DFO in his certificate



has mentioned that the distance of Interstate Boudary is 300 m. Since the area of mine is less than 5 Ha general condition as per MoEF Notification dated- 07th October, 2014 do not apply. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee decided that the proposal for Kantabani Stone Deposit of M/S Megotia Construction Pvt Ltd at Village- Kantabani, Tehsil- Chakulia, Dist.- East Singhbhum, Jharkhand (4.856 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

VII. Kantabani Stone Deposit of Shri Gaurav Agrawal at Village- Kantabani, Tehsil- Chakulia, Dist.-East Singhbhum, Jharkhand (4.451 Ha)

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

This is a Stone Mining Project for having an area of 4.451 Ha [Khata No.- 164, Plot No.- 13 (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 39.00 Lakh and a provision of Rs 14.83 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 11,76,601 t

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

1 st Year	:	1,30,002 t
2 nd Year	:	1,30,001 t
3 rd Year	:	1,30,001 t
4 th Year	:	1,30,002 t
5 th Year	:	1,30,003 t

The daily production as per Form 1 is 433 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. In certificate provided by CO the distance of Interstate Boundary has been indicated 700 m. However DFO in his certificate has mentioned that the distance of Interstate Boudary is along with West Bengal. Since the area

of mine is less than 5 Ha general condition as per MoEF Notification dated- 07th October, 2014 do not apply. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee decided that the proposal for Kantabani Stone Deposit of Shri Gaurav Agrawal at Village- Kantabani, Tehsil- Chakulia, Dist.-East Singhbhum, Jharkhand (4.451 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

VIII. Madhopur & Parodih Stone Mine of M/S Mahesh Kumar Verma & Others at Villag- Madhopur & Parodih, Thana- Dhanwar, Dist.- Giridih, Jharkhand (0.52 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 0.52 Ha [Khata No.- 25, Plot No.- 3 / 1119 (P) Khata No.- 14, Plot No.- 284 / 1]. 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 Lakh and a provision of Rs 1.30 Lakhs (revised) will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 1,11,456 t

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

1 st Year	:	10,498 t
2 nd Year	:	12,150 t
3 rd Year	:	9,979 t
4 th Year	:	9,072 t
5 th Year	:	8,165 t

The daily production as per Form 1 is 33 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 decided that the proposal for Madhopur & Parodih Stone Mine of M/S Mahesh Kumar Verma & Others at Villag- Madhopur & Parodih, Thana- Dhanwar, Dist.- Giridih, Jharkhand (0.52 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

IX. Munkeri Stone Mine of Shri Chandra Bhusan, Village- Munkeri, P.S- Chhatarpur, Dist.- Palamu, Jharkhand (6.69 Ha).

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

The file was transferred from MoEF on 29.04.2013. The case was presented by Proponent along with M/S Crystal Consultants, Ranchi. ToR's were prescribed vide SEIAA letter no.- 189, dated - 02.12.2013. 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 6.69 Ha [Khata No.- 218 (GM Land), Plot No.- 1505 (P) & 1507 (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 19.50 Lakh 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 : 28,23,141 t

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

1 st Year	:	3,11,127 t
2 nd Year	:	2,90,496 t
3 rd Year	:	3,11,781t

4 th Year	:	2,93,261 t
5 th Year	:	3,12,202 t

The daily production as per Form 1 is 1000 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. DMO in his certificate has mentioned that there are other mines within 500 m and total area is 26.53 Acres (10.74 Ha) which is less than 25 Ha. The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee decided that the proposal for Munkeri Stone Mine of Shri Chandra Bhusan, Village- Munkeri, P.S- Chhatarpur, Dist.- Palamu, Jharkhand (6.69 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

X. Lohando Mako Stone Deposit of M/S Bandana Stone Works, Village- Lohando Mako, Block- Borio, Dist.- Sahibganj, Jharkhand (2.72 Ha).

Consultant- M/S Pollution & Ecology Control Services, RQP- Sri P.K. Sen

PP had initially applied for EC for an area of 3.496 Ha. Since one of the plots was at a distance of 140 m from forest. PP was advised to modify the mine plan. Accordingly PP has modified the same with a reduced area of 2.72 Ha. This is a Stone Mining Project for having an area of 2.72 Ha [Khata No.- 20, Plot No.- 3 (P), 8 (P) & 107 (P), Khata No.- 19, Plot No.- 4 (P) & Khata No.- 16, Plot No.- 5 (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 9.50 Lakh and a provision of Rs 3.84 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	16,69,602 t
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Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	11,340 t
2 nd Year	:	12,420 t
3 rd Year	:	13,365 t



4 th Year	:	13,770 t
5 th Year	:	14,310 t

The daily production as per Form 1 is 48 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 decided that the proposal for Lohando Mako Stone Deposit of M/S Bandana Stone Works, Village- Lohando Mako, Block- Borio, Dist.- Sahibganj, Jharkhand (2.72 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XI. Mundil Stone Deposit of Sri Budhwa Paharia at Mouza- Muldil, Thana – Mirjachouki, Dist.- Sahibganj, Jharkhand (1.21 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 1.21 Ha [Khata No.- 9, Plot No.- 9 (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 63.00 Lakh and a provision of Rs 3.38 Lakhs (revised) will be kept for Environment management.

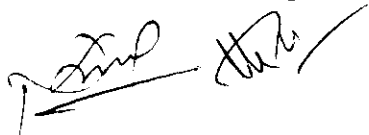
The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve	:	2,42,235 t
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Year-wise Production as per Approved Mining Plan Report for five years is as follows

1 st Year	:	26,856 t
2 nd Year	:	26,946 t
3 rd Year	:	26,562 t
4 th Year	:	26,721 t
5 th Year	:	26,796 t

The daily production as per Form 1 is 90 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 decided that the proposal for Mundil Stone Deposit of Sri Budhwa Paharia at Mouza- Muldil, Thana – Mirjachouki, Dist.- Sahibganj, Jharkhand (1.21 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XII. Padapahar Stone Deposit of M/S C.T.S Industries Ltd. at Village- Padapahar, Thana- Kolhan, Dist.- West Singhbhum, Jharkhand (4.048Ha).

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 4.048 Ha [Khata No.- 02, Plot No.- 3906 (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 67.00 Lakh and a provision of Rs 3.61 Lakhs (revised) will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 21,91,366 t

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

1 st Year	:	2,19,561 t
2 nd Year	:	2,19,312 t
3 rd Year	:	2,18,946 t
4 th Year	:	2,19,660 t
5 th Year	:	2,19,393 t

The daily production as per Form 1 is 732 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 decided that the proposal for Padapahar Stone Deposit of M/S C.T.S Industries Ltd. at Village- Padapahar, Thana- Kolhan, Dist.- West Singhbhum, Jharkhand (4.048Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XIII. Dumaria Stone Mine of M/S Basss Infra Pvt Ltd, Village- Dumaria, P.O- Kusumghati, P.S.- Rajabhitta, Tehsil- Boarijor, Dist.- Godda, Jharkhand (8.027 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 8.027 Ha [Khata No.- 44 (GM Land), Plot No.- 256 & 263]. 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 55.00 Lakh and a provision of Rs 6.00 Lakhs will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

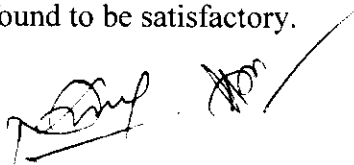
Mineable Proved Reserve : 61,52,773 t

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

1 st Year	:	6,00,107 t
2 nd Year	:	6,00,064 t
3 rd Year	:	6,00,491 t
4 th Year	:	6,00,677 t
5 th Year	:	6,00,926 t

The daily production as per Form 1 is 2000 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO. In the certificate provided by CO the distance of flow of stream has been indicated as 500 m. The informations were examined and found to be satisfactory.



Based on the presentation made and information provided the Committee decided that the proposal for Dumaria Stone Mine of M/S Basss Infra Pvt Ltd, Village- Dumaria, P.O- Kusumghati, P.S.- Rajabhitta, Tehsil- Boarigor, Dist.- Godda, Jharkhand (8.027 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure I.

XIV. Domchanch Stone Mine of Shri Nilesh Ranjan & Shri Rajesh Roshan at Village- Domchanch, Thana- Domchanch, Dist.- Kodarma, Jharkhand (0.91 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 0.91 Ha [Khata No.- 1340, Plot No.- 5688 (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 56.00 Lakh and a provision of Rs 2.80 Lakhs (revised) will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 1,11,578 t

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

1 st Year	:	11,624 t
2 nd Year	:	11,664 t
3 rd Year	:	11,810 t
4 th Year	:	11,591 t
5 th Year	:	11,885 t

The daily production as per Form I is 39 tonnes.

As per Form-I the mine is owned by Sri Nilesh Ranjan and Rajesh Roshan. PP has submitted certificates from Circle Officer. Regarding distance of mine (plot no.- 5688 (P) from forest the same has been obtained through RTI. Distance as indicated by ACF is 290 m. The same has been obtained by Sri Sujit Mehta. Regarding details pertaining to mines falling in 500 m radius the same have been obtained through RTI. Assistant Mining Officer has provided the same. There



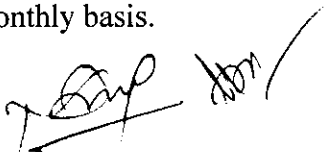
are 10 mines having a total area of 12.85 Ha (31.74 Acres). The informations were examined and found to be satisfactory.

Based on the presentation made and information provided the Committee decided that the proposal for Domchanch Stone Mine of Shri Nilesh Ranjan & Shri Rajesh Roshan at Village- Domchanch, Thana- Domchanch, Dist.- Kodarma, Jharkhand (0.91 Ha) be recommended for consideration of SEIAA subject to above mentioned observation 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 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.



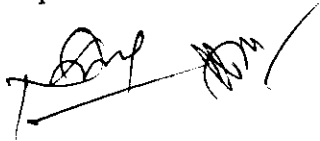
10. Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, sub-grade and mineral dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, and other water bodies. The water so collected should be utilized for watering 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 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 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.

Proposals related to Stone Mine (Renewal Project)

XV. Kharkhar Stone Mine of M/S Durga Stone Chips at Village- Kharkhar, Thana- Nawalsahi, Dist.- Kodarma, Jharkhand (0.809 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 0.809 Ha [Khata No.- 358, Plot No.- 3557 (P)]. The committee noted that as per Form I it is a proposal for renewal of mine lease for which PP is seeking EC. The lease was valid w.e.f. 01.07.2007 to 15.08.2011.. 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 28.00 Lakh and a provision of Rs 2.19 Lakhs (revised) will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 57,024 t

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

1 st Year	:	5678 t
2 nd Year	:	5697 t
3 rd Year	:	5678 t
4 th Year	:	5702 t
5 th Year	:	5703 t

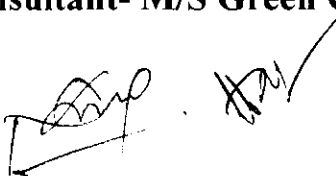
The daily production as per Form 1 is 19 tonnes.

PP has submitted certificates from Circle Officer, DFO & DMO.

Based on the presentation made and information provided the Committee decided that the proposal for Kharkhar Stone Mine of M/S Durga Stone Chips at Village- Kharkhar, Thana- Nawalsahi, Dist.- Kodarma, Jharkhand (0.809 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure II.

XVI. Jamdiha Stone Mine of Shri Bhim Sahu at Village- Jamdiha, Thana- Markacho, Dist. Koderma, Jharkhand (0.45 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 0.45 Ha [Khata No.- 44, Plot No.- 170]. The committee noted that as per Form I it is a proposal for renewal of mine lease for which PP is seeking EC. The lease was valid w.e.f. 25.12.2002 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 15.00 Lakh and a provision of Rs 2.40 Lakhs (revised) will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 43,538 t

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

1 st Year	:	4285 t
2 nd Year	:	4217 t
3 rd Year	:	4358 t
4 th Year	:	4560 t
5 th Year	:	4563 t

The daily production as per Form 1 is 15 tonnes.

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

Based on the presentation made and information provided the Committee decided that the proposal for Jamdiha Stone Mine of Shri Bhim Sahu at Village- Jamdiha, Thana- Markacho, Dist. Koderma, Jharkhand (0.45 Ha) be recommended for consideration of SEIAA subject to above mentioned observation for grant of EC. The various conditions for grant of EC are given at Annexure II.

XVII. Kharkhar Stone Mine of Sri Anil Kumar Lohani at Village- Kharkhar, Thana- Nawalsahi, Dist.- Kodarma, Jharkhand (3.16 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 3.16 Ha [Khata No.- 358, Plot No.- 3557 (P), 3610 & 3611]. The committee noted that as per Form I it is a proposal for renewal of mine lease for which PP is seeking EC. The lease was valid w.e.f. 10.05.2001 to 09.05.2011 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 51.00 Lakh and a provision of Rs 3.57 Lakhs (revised) will be kept for Environment management.

The details of mine capacity as per Approved Mining Plan are

Mineable Proved Reserve : 3,88,454 t

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

1 st Year	:	35,488 t
2 nd Year	:	36,645 t
3 rd Year	:	37,312 t
4 th Year	:	40,965 t
5 th Year	:	42,755 t

The daily production as per Form 1 is 143 tonnes.

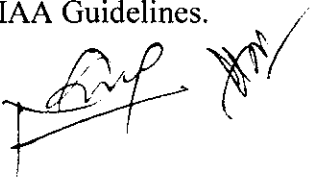
PP has submitted certificates from Circle Officer & DMO.

Based on the presentation made and information provided the Committee decided that the proposal for Kharkhar Stone Mine of Sri Anil Kumar Lohani at Village- Kharkhar, Thana- Nawalsahi, Dist.- Kodarma, Jharkhand (3.16 Ha) be recommended for consideration of SEIAA subject to above mentioned observation 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 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.

