



**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)
:: MEGHALAYA::**

'Silviculture Building', Lower Lachumiere, Shillong - 793 001

Email : ms.seiaamegh@gmail.com

MINUTES OF THE MEETING OF THE SEIAA, MEGHALAYA,

HELD ON 10th March., 2021, AT 1: 00 PM,

VENUE: OFFICE CHAMBER OF THE CHAIRMAN.

Members present in the Meeting:

1. Shri T.T.C. Marak, IFS (Retd.).....Chairman, SEIAA
2. Dr. H.J. Syiemlieh, Professor, Dept. of Geography, NEHU Member, SEIAA
3. Shri W.S. Manner, IFS, CCF, SF & EMember Secy. SEIAA

Proceedings:

The meeting was chaired by Shri T.T.C. Marak, Chairman, SEIAA. At the outset, the Chairman welcomed the Members and then invited the Member Secretary to present the Agenda points for discussion.

Agenda 1 : Action taken Report - The Member Secretary informed about the action of the decisions taken in the last SEIAA's meeting held on 8th Feb.,2021 and circulated the Minutes of the said meeting. The meeting approved the actions taken and confirmed the proceedings.

Agenda 2 : Grant of Environmental Clearance (EC)

Agenda 2.1 : EC Proposal No. SIA/MIN/193600/2021 submitted by Shri Arjust Nongtraw for Environment Clearance for Arjust Limestone Mine for an area of 0.7162 Ha. located at Khlieh Parmaw, Tyngwai area, Sohbar Sirdarship, East Khasi Hills District.

Deliberation :

The Project Proponent, Shri Arjust Nongtraw, submitted an online application for Environmental Clearance above for mining of limestone for an area of 0.7162 Hectares located at Khlieh Parmaw, Tyngwai, Sohbar Sirdarship, East Khasi Hills.

The proposed mining area is on lease for a period of 15 years vide Deed of Agreement executed on the 24th October 2018 certified by Notary.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Khasi Hills Territorial Division, Shillong vide letter No.KH/8/NOC/Limestone/41/Pt.IV/6170 dated Shillong, the 11th January 2019.

The mining area falls under cluster as per Cluster Certificate issued by the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/21/2019/1536 dated Shillong, the 6th December 2019 where it was mentioned that there are two mining plans located within 500 meters from the proposed mining area and the total area of the mines in cluster is 7.1162 Ha.

The Project proponent submitted a Mining with Progressive Mine Closure Plan approved by the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/21/2019/01 dated, Shillong, the 3rd April 2019 .The Mining plan has been prepared to extract lime stone at an annual

rate of 50,000 MT with a project cost of Rs. 70.00 lakhs and the operations will be open cast, semi-mechanized method of mining. As per the mining plan, the mine has a proved measured mineable reserves of 4,19,941 MT, but after leaving residual benches, the net total mineable reserves comes to 2,00,669 MT. As the mine is targeted to produce 50,000 MT of limestone per annum and taking 250 as the average working days per annum, the anticipated life of the mine will be 4.01 years say 4 years.

The project already awarded Term of Reference by the State Environment Impact Assessment Authority, Meghalaya vide letter No.ML/SEIAA/MIN/EKH/21/2020/1201 dated 24th June 2020 and submitted the final EIA/EMP for the proposed Mining of Lime stone where the project proponent complied all the points in compliance to the Term of Reference prepared by the Indian Mine Planners & Consultants.

The public hearing was held on 1ST December 2020 conducted by the Meghalaya State Pollution Control Board presided by the Addl. District Magistrate, East Khasi Hills District.

As per the Application and the attached documents duly examined by the SEAC, the project falls under B2 Category in Cluster situation with total cluster area above 5ha. and under toposheet No. 780/12 and within the following coordinates:

Pillar	GPS Coordinates	
	Latitude	Longitude
1	25°10'39.5"N	91°43'20.1"E
2	25°10'41.2"N	91°43'19.9"E
3	25°10'43.4"N	91°43'20.5"E
4	25°10'42.8"N	91°43'22.6"E
5	25°10'40.8"N	91°43'22.0"E
6	25°10'38.8"N	91°43'21.7"E

After due screening and examination of all the documents and Environment Management Plan submitted by the Project Proponent and site cross checking and deliberation by using kml file through Google earth, the SEAC as per Agenda 3 in its Meeting held on 16th February, 2021 unanimously recommend for grant of Environment Clearance to this project.

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 10th March, 2021 noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC and unanimously resolved to grant Environment Clearance to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Environment Clearance to this project, with the Terms and conditions as stipulated in " Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.

Member Secretary to prepare the draft Environment Clearance for this project, circulate the same to all Members of the Authority for views/comments/corrections, if any, and then after approval of the Chairman, the Member Secretary shall issue the final Environment Clearance.

TcB

Agenda 2.2 : EC Proposal No. SIA/ML/MIN/185593/2020 submitted by Smt. Bimora Hahshah for Environment Clearance for Nongkulang Limestone Mine for an area of 4.90 Ha. located at Nongkulang area on the Southern side of Khonjoy village, South West Khasi Hills District.

Deliberations :

The Project Proponent Smt. Bimora Hahshah, submitted online application vide proposal above for mining of limestone for an area of 4.90 hectares and as per the application, lime stone will be used in kilns for manufacturing of lime used as building.

The proposed mining area is on lease for 20 years which was executed on 8th March 2019 certified by Sub-Registrar, South West Khasi Hills District, Mawkyrwat.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Social Forestry & Territorial Division, West & South West Khasi Hills, Nongstoin vide letter No.T/W&SW/20/NOC(L)/749 dated Nongstoin the 9th July 2019.

The project proponent has obtained a cluster certificate from the Mining Engineer, Directorate Mineral Resources, Meghalaya vide letter No.DMR/MM/58/2019/06 dated Shillong, the 12th June 2019, where it was mentioned that there is no approved mining plan located within 500 metres.

The project proponent submitted approved mining plan by Mining Engineer, Directorate of Mineral Resources, Meghalaya, vide letter no. DMR/MM/58/2019/778 dated Shillong the 2nd August 2019. The Mining Plan has been prepared to extract lime stone at 254362 TPA with a project cost of Rs.35.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

As per mining plan, the mineable reserve would be 5086001 tonnes with an average annual production of 254300 (5086001/20=254300) tonnes and production of limestone in first five years will be 1271342 tonnes. The average annual production of limestone may be different from annual production of each of the first five years. The balance mineable reserve, 3814659 tonnes will be worked out in the subsequent 15 years. Therefore, the life of the mine will be 20 years (first five years in plan period + 15 years in conceptual period).

As per the Application and the attached documents duly examined by the SEAC, the project fall under Schedule 1(a) of category B2 of EIA Notification 2006 and toposheet Survey of India No. 78O/4 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25°12'57.01"N	91°03'01.88" E
2	25°13'01.11"N	91°02'55.64" E
3	25°13'06.96"N	91°03'00.77" E
4	25°13'03.23"N	91°03'06.73" E

After due screening and examination of all the documents and Environment Management Plan submitted by the Project Proponent and site cross checking and deliberation by using kml file through Google earth, the SEAC as per Agenda 4 in its Meeting held on 16th February, 2021 unanimously recommend for grant of Environment Clearance to this project.

TCS

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 10th March, 2021 noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC and unanimously resolved to grant Environment Clearance to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Environment Clearance to this project, with the Terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.

Member Secretary to prepare the draft Environment Clearance for this project, circulate the same to all Members of the Authority for views/comments/corrections, if any, and then after approval of the Chairman, the Member Secretary shall issue the final Environment Clearance.

Agenda 2.3 : *EC Proposal No. SIA/ML/MIN/193792/2021 submitted by Shri Arbis Tangdhara for Environment Clearance for Kroh Dewsaw Boulder stone for an area of 0.79 Ha. located at Kroh Dewsaw, Lynti Dkhar, Sohbar village, East Khasi Hills District.*

Deliberations :

The Project Proponent, Shri ArbisTangdhara submitted online application vide proposal No. SIA/ML/MIN/193792/2021 for Environmental Clearance for Kroh Dewsaw Boulderstone Mine for mining of boulderstone for an area of 0.79 hectares.

The proposed mining area is on lease for 20 years which was executed on 9th July 2020 certified by Sub-Registrar, Sohra.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & RiBhoi Territorial Division, Shillong vide letter No.KH/9/NOC/stone/41/Pt.VI/3308 dated Shillong the 15th October 2020 and letter of Intent vide No. KH/8/ML/stone/69/Pt.VI/3309 dated Shillong the 16th October 2020.

The project proponent has obtained a cluster certificate from the Mining Engineer, Directorate Mineral Resources, Meghalaya vide letter No.DMR/MM/94/2020/08 dated Shillong, the 17th December 2020 where it is mentioned that there is only one approved mining plan located within 500 metres where the total area is less than 5 hectares. Hence, the Environment Management Plan is not required.

The project proponent submitted approved mining plan by Mining Engineer, Directorate of Mineral Resources, Meghalaya, vide letter no. DMR/MM/94/2020/04 dated Shillong the 10th December 2020. The Mining Plan has been prepared to extract boulder-stone at 25080 TPA with a project cost of Rs.21.50 lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mineable reserves of boulder stone is of the order of 1,45,000 tons. The production in the period of the mining plan will be around 1,21,820 tons in 5 years and the balance reserve will be (145000-121820) or 23,180 tons. If the production target is 25080 tons, the balance reserves will be sufficient for 23180/25080 or 0.92 years. Thus the total life of the mine is 5+0.92= 65.92 years or say 6 years.

TGB

As per the Application and the attached documents duly examined by the SEAC the project fall under Schedule 1(a) of category B2 of EIA Notification 2006 and toposheet Survey of India No. 780/16 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25°11'1.88"N	91°45'31.40" E
2	25°11'1.02"N	91°45'29.93" E
3	25°11'1.46"N	91°45'29.88" E
4	25°11'2.71"N	91°45'29.91" E
5	25°11'2.94"N	91°45'29.06" E
6	25°11'3.21"N	91°45'28.76" E
7	25°11'4.36"N	91°45'28.14" E
8	25°11'5.09"N	91°45'27.95" E
9	25°11'5.07"N	91°45'28.58" E
10	25°11'5.62"N	91°45'28.71" E
11	25°11'6.34"N	91°45'29.48" E
12	25°11'7.26"N	91°45'29.73" E
13	25°11'6.69"N	91°45'30.69" E
14	25°11'3.07"N	91°45'30.29" E
15	25°11'3.09"N	91°45'30.58" E
16	25°11'1.88"N	91°45'31.40" E

After due screening and examination of all the documents and Environment Management Plan submitted by the Project Proponent and site cross checking and deliberation by using kml file through Google earth, the SEAC as per Agenda 5 in its Meeting held on 16th February, 2021 unanimously recommend for grant of Environment Clearance to this project.

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 10th March, 2021 noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC and unanimously resolved to grant Environment Clearance to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Environment Clearance to this project, with the Terms and conditions as stipulated in " Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.

Member Secretary to prepare the draft Environment Clearance for this project, circulate the same to all Members of the Authority for views/comments/corrections, if any, and then after approval of the Chairman, the Member Secretary shall issue the final Environment Clearance.

AGENDA 3 : GRANT OF TERM OF REFERENCE (TOR)

TCS

Agenda 3.1 : TOR Proposal No.SIA/ML/MIN/60072/2021 submitted by Smt. Preciously Bareh for Term of Reference for Korpet Limestone Mine for an area of 1.56 Ha. located at Korpet, Nongtalang, West Jaintia Hills District.

Deliberations :

The Project Proponent, Smt. Preciously Bareh submitted online application vide proposal above for grant of Term of Reference for mining of Lime stone for an area of 1.56 hectares. The proposal is for mining of lime stone to be used for construction purposes.

As per the Application and the attached documents duly examined by the SEAC, the project falls under Schedule 1(a) of category B2 of EIA Notification 2006 and toposheet Survey of India No.83C/4 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 12'54.5''N	92° 04'18.5''E
2	25° 12'54.7''N	92° 04'20.6''E
3	25° 12'54.8''N	92° 04'22.1''E
4	25° 12'55.6''N	92° 04'23.5''E
5	25° 12'55.9''N	92° 04'25.6''E
6	25° 12'56.5''N	92° 04'27.8''E
7	25° 12'56.3''N	92° 04'29.8''E
8	25° 12'58.1''N	92° 04'29.6''E
9	25° 12'57.8''N	92° 04'26.3''E
10	25° 12'57.1''N	92° 04'23.3''E
11	25° 12'56.2''N	92° 04'20.4''E
12	25° 12'55.9''N	92° 04'18.1''E

The proposed land is conveyed to the project proponent vide Deed of Gift made on the 25th May 2019, and certified by Notary, West Jaintia Hills District, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Jaintia Hills Territorial Division, Jowai vide letter No.JH/P.B/ML/L.S/2020-21/1067/B/392, dated Jowai, the 9th July 2020.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/39/MM/Mining Plan/2020-2021/123dated Jowai, the 8th October 2020 which states that there are six (6) approved mining plan lying within 500 metres from the applied mining lease area. Hence the applied mining area falls under cluster category since the total area of total seven mines is summed up to 22.01 hectares.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/39/MM/Mining Plan/2020-21/122 dated Jowai, the 5th October 2020. The Mining Plan has been prepared to extract lime stone at the rate of 107330 TPA with a project cost of Rs.19.50 lakhs and the operations will be open cast, semi-mechanized method of mining.

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through Google earth, the SEAC in its meeting held on 16 Feb., 2021 unanimously recommended for Standard Term of Reference to this project (TOR).

RECOMMENDATION:

The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 10th March, 2021 noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC. Then the SEIAA in the said meeting, unanimously resolved to grant TOR to this project.

Hence on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Term of Reference to this project, in standard format.

Member Secretary to prepare the draft TOR for this project, circulates the same to all Members of the Authority. After views/comments/corrections, if any, was received from the Members, the Member Secretary shall issue the final TOR.

The meeting ended with a vote of thanks from the Chairman.


Chairman
SEIAA
Meghalaya, Shillong.

Memo. No. ML/SEIAA/Meeting/ Vol.III/35/2020/35-A/

Dated Shillong the

Mar. 2021

Copy to :

- 1) Member, SEIAA, Meghalaya, Shillong for information.
- 2) File concern for record.

**Member Secretary
SEIAA
Meghalaya, Shillong**