

STATE EXPERT APPRAISAL COMMITTEE (SEAC)

:: MEGHALAYA ::

**'SYLVAN' House, Lower Lachumiere,
East Khasi Hills, Shillong – 793 001.**

**MINUTES OF 40TH MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE, MEGHALAYA SHILLONG
HELD ON 16TH FEBRUARY 2021, FOR ENVIRONMENTAL APPRAISAL OF NON-COAL MINING PROJECTS**

Members of the Committee present:

Sl.No	Name	Designation	Signature
1	Shri. Nababrata Bhattacharjee	Chairman SEAC	-Sd-
2	Prof. Donkupar Syiem	Member	-Sd-
3	Shri Toiler H.S. Bonney (Rtd) IFS	Member	-Sd-
4	Shri. Puhran M. Sangma	Member	-Sd-
5	Shri. Shekhar K. Sangma		
6	Shri. Hamklet Suchiang, MFS Deputy Conservator of Forest (SF & Env.)	Member Secretary SEAC	-Sd-

The 40th meeting of State Expert Appraisal Committee (SEAC), Meghalaya, Shillong, held on **16th February 2021** from 11:00 AM on ward in the Conference Hall, Sylvan House, Meghalaya Shillong. At the outset the Chairman Shri. Nababrata Bhattacharjee, welcomed all the members of the Committee present and called the meeting to order. He requested the Member Secretary to initiate the discussion as per the agenda circulated vide letter No.ML/SEAC/Meeting/Vol-III/121/2020/7 dated 12th February 2021, accordingly. All proposed mining areas are cross checked through google earth.

1. Confirmation of the minutes of the 39th Meeting held on 29th January 2021

The minutes was confirmed.

2. Action taken report as per the decision taken in the 39th Meeting.

As decided in the 39th meeting 2 (two) nos. of Environment Clearance were recommended to State Environment Impact Assessment Authority, Meghalaya Shillong for onward necessary action from their end.

ENVIRONMENT CLEARANCE

3. 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.

The Project Proponent, Shri Arjust Nongtraw, submitted an online application for Environmental Clearance vide proposal No. Proposal No. SIA/MIN/193600/20201 for Arjust Limestone Mine for mining of limestone for an area of 0.7162 Hectares at Khlieh Parmaw, Tyngwai, Sohbar Sirdarship, East Khasi Hills, under topo sheet 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

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 and the Letter of Intent vide letter No. KH/8/ML/Limestone/68/6235, dated Shillong, the 14th January, 2019 issued by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi Territorial Division, Shillong.

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 and 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 is 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 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.

Recommendation

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 committee unanimously recommend for grant of **Environment Clearance**.

4. Proposal No. SIA/ML/MIN/185593/2020 submitted by Smt. Bimora Hashah 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.

The Project Proponent Smt. Bimora Hashah, submitted online application vide proposal No. SIA/ML/MIN/185593/2020 for Environmental Clearance for Nongkulang Limestone Mine for mining of limestone for an area of 4.90 hectares. The proposal is for mining of lime stone to be used in kilns for manufacturing of lime used as building materials and hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area located at Nongkulang area of on the Southern side of

Khonjoy village, South West Khasi Hills District, Meghalaya and toposheet Survey of India No. 780/4 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

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 and letter of Intent vide No.T/W&SW/ML/LS/B.Hashah(4.90 Ha)/748 dated 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 is mentioned that there is no approved mining plan located within 500 metres. 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/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).

Recommendation

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 committee unanimously recommend for grant of **Environment Clearance**.

5. 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.

The Project Proponent, Shri Arbis Tangdhara 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 proposal for mining of boulderstone is to be used for construction purposes and hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area located at Kroh Dewsaw, Lynti Dkhar, Sohbar village, Sohbar Sirdarship, East Khasi Hills District, Meghalaya 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

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 & Ri Bhoi 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 lime 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.

Recommendation

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 committee unanimously recommend for grant of **Environment Clearance**.

TERM OF REFERENCE

6. 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.

The Project Proponent, Smt. Preciously Bareh submitted online application vide proposal No.SIA/ML/MIN/60072/2021 for 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. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Korpet, Nongtalang, West Jaintia Hills District, Meghalaya 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 and letter of Intent vide letter No.JH/MMMCR-2016/2016-17/869/B/391 dated Jowai, the 9th July 2020 respectively.

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/2020-2021/123 dated 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.

The mineable reserves of limestone are of the order of 5,90,800 tonnes. The production in the period of the mining plan will be around 5,35,050 tonnes in 5 years. Therefore, the balance reserves will be (5,90,800 -5,35,050) or 55,750 tonnes. If the production target is 1,06,930 tonnes, the balance reserve

will be sufficient for (55750 /106930) or 0.52 years. Thus, the total life of the mine is $5+0.52=5.52$ or say 6 years.

Recommendation

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 committee unanimously recommended for **Standard Term of Reference**.



Chairman

State Expert Appraisal Committee
Meghalaya Shillong

STATE EXPERT APPRAISAL COMMITTEE (SEAC)

::MEGHALAYA ::

'SYLVAN' House, Lower Lachumiere,
East Khasi Hills, Shillong - 793 001.

40th MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE (SEAC)

VENUE: CONFERENCE HALL, OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS & HoFF, MEGHALAYA, 'SYLVAN HOUSE', SHILLONG.

DATE: 16th February 2021. **TIME:** 11.00 A.M.

ATTENDANCE SHEET

MEMBERS PRESENT:

Sl. No.	Name, Designation & Address	Contact No. & E-mail Address	Signature
1.	Shri Nababrata Bhattacharjee, Chairman	9436313037 naavstar@yahoo.co.in	
2.	Shri Toiler H.S. Bonney, IFS(Retd.), Member	9862589288 thsbonney@gmail.com	
3.	Shri Shekhar K. Sangma, Member	9436112259 shekharsangma@gmail.com	
4.	Shri Puhran M. Sangma, Member	9436119801 puhransangma@gmail.com	
5.	Prof. Donkumar Syiem, Member	9863109538 dsyiem@yahoo.com	
6.	Shri Phngain Singh Giri Lyngdoh, Member	9863495222 psgl_bahdeng@yahoo.co.in	
7.	Shri Hamklet Suchiang, MFS Member Secretary	7005774909	