

STATE EXPERT APPRAISAL COMMITTEE (SEAC)

:: MEGHALAYA ::

**Silviculture Building Adjacent to 'SYLVAN' House, Lower Lachumiere,
East Khasi Hills, Shillong – 793001.**

**MINUTES OF 57th MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE, MEGHALAYA
SHILLONG HELD ON 25th July 2022, 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	Shri. Millanburg R. Sangma	Member	
3	Dr. Highland Kayang	Member	-Sd-
4	Shri. Gideon Lamborlang Kharkongor	Member	-Sd-
5	Shri. Pynbiang Singh Nongbri	Member	-Sd-
6	Dr. Shiva Shankar Chaturvedi	Member	-Sd-
7	Dr. (Mrs) Van Jennifer Joan Wallang	Member	-Sd-
8	Shri. F.S Wann, MFS Deputy Conservator of Forest (SF &Env.)	Member Secretary SEAC	-Sd-

The 57th meeting of State Expert Appraisal Committee (SEAC), Meghalaya, Shillong, held on 25th July 2022 from 11:00 A.M. on ward in the Conference Hall, office of the Principal Chief Conservator of Forests & HoFF, Meghalaya, Lower Lachumiere, Shillong – 793001, through offline method. 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-IV/1/2022/12 dated the 20th July 2022, accordingly. All proposed mining areas are cross checked through google earth.

1. Confirmation of the minutes of the 56th Meeting held on 6th July 2022.

The minutes were confirmed.

2. Action taken report as per the decision taken in the 56th Meeting.

As per the decision taken in the 56th Meeting of the State Expert Appraisal Committee held on 6th July 2022, (6) six project proposals were recommended for Environmental Clearance to the State Environment Impact Assessment Authority.

ENVIRONMENTAL CLEARANCE

I. Proposal No.SIA/ML/MIN/60309/2020 submitted by Falguni Warisa

The Project Proponent Smt. Falguni Warisa, submitted online application vide proposal No.SIA/ML/MIN/60309/2020 for Environmental Clearance for mining of boulder stone for an area of 2.61 hectare. The proposal is for mining of boulder stone use for construction purposes. Hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The applied area located at Umduba, Raid Marwet, Myllem Syiemship, Ri-Bhoi District, Meghalaya and toposheet Survey of India No 78N/16 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	26°03'42.69"N	91°49'34.94"E
2	26°03'40.75"N	91°49'34.13"E
3	26°03'40.65"N	91°49'31.20"E
4	26°03'41.53"N	91°49'28.15"E
5	26°03'44.02"N	91°49'25.30"E
6	26°03'46.18"N	91°49'26.37"E
7	26°03'45.57"N	91°49'30.23"E
8	26°03'44.14"N	91°49'31.26"E
9	26°03'43.06"N	91°49'33.30"E

The land belongs to the project proponent vide Deed of Declaration made at Nongpoh the 25th January 2019 certified by Sub-Registrar, Nongpoh.

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.V/514 dated Shillong, the 02nd May 2019 and Letter of Intent vide No.KH/8/ML/Stone/69/560 dated Shillong, the 21st May 2019.

The project proponent has obtained a cluster certificate from the office of the Director, Directorate of Mineral Resources, Government of Meghalaya, vide letter No.DMR/MM/45/2019/1122 dated Shillong, the 24th September 2019 where its mention that nine approved mining plan of different project proponent located within 500 metres. Hence the applied mining area fall under cluster category with a total area of 24.99 ha and as per Ministry of Environment, Forest and Climate Change Notification No.S.O.3977 (E) dated New Delhi, the 14th August 2018 in appendix – XI, the project fall under category B2. Hence, the project proponent needs to prepare Environment Management Plan.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the office of the Directorate of Mineral Resources, Government of Meghalaya, Shillong vide letter No.DMR/MM/45/2019/490 dated Shillong, 21st June 2019. The Mining Plan has been prepared to extract Boulder stone an annual rate of 12,72,900 MT of the highest production with a project cost of Rs.24.50 lakhs.

As per the mining plan, the mineable reserves of boulder stone are of the order of 16,55,400 tons with the production period as per mining plan will be around 12,72,900 tons in 5 years. The balance reserve $16,55,400 - 12,72,900 = 3,82,500$ tons with production target of 2,80,260 tons. The balance reserves will sufficient for $3,82,500 / 2,80,260 = 1.36$ years. Thus the total life of the mine is $5 + 1.36 = 6.36$ years.

The project was already awarded Term of Reference by the State Environment Impact Assessment Authority, Meghalaya vide letter No.ML/SEIAA/MIN/RiBhoi/P-4/2020/1188 dated 23rd June 2020 and submitted the final EIA/EMP for the proposed Mining of Boulder stone where the project proponent complied all the points in compliance to the Term of Reference prepared by Enviro Infra Solutions PVT. LTD.

The public hearing was held on 21st December 2020 which was conducted by the Meghalaya State Pollution Control Board and presided over by Shri. B. J. Kharshandi, MCS, ADC, Ri-Bhoi District.

As per the letter from the Deputy Commissioner, Ri Bhoi District dated 14/9/2020, directed for cancellation of all new permissions granted after 9th July 2020 in RiBhoi District.

However, in the case of this particular project, the Member Secretary, SEIAA vide letter No.ML/SEIAA/MIN/RiBhoi/P-4/2020/332 forwarded a copy of the Advocate General's opinion to consider the application for Environmental Clearance submitted by Smt. Falguni Warisa.

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, and presentation of the EIA/EMP, the committee unanimously recommended for grant of Environment Clearance with the following conditions.

1. LOI ought to be renewed as the validity has expired
2. A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.
3. A retaining wall of adequate height is to be constructed in the area designated within mining area for stacking of Over Burden(OB) to ensure that no spillage of OB materials is possible beyond mining site.
4. Garland drains is to be constructed along the periphery of the mining lease boundary to capture the storm water run-off from the mining area, all drains will link to a settling tank with compartments to check and arrest siltation in the mine water prior to discharge.
5. Curtain Drain is to be constructed properly to intercept the surface water from flowing into the mining area and water flowing out of the mine channelized to the Settling tank.
6. If any debris etc. overflows to adjoining land/agricultural field etc. during the mining operation, Monitoring Agency is to take necessary action as per relevant section(s) of Water (Prevention & Control of Pollution) Act, 1974.
7. In annual EMP budget under GREEN BELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.



8. To increase the allocation for plantation and maintenance to a minimum of Rs. 1 lakh per annum and double the number of plants. Planting of nurseries plant should start simultaneously with the commencement of the project.
9. CER should be included in the capital cost and it should be increased to a minimum of Rs 1.50 lakh annually.
10. Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
11. GPS coordinates of each pillars should be carved/painted clearly on the pillars with Red colour.
12. A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
13. Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
14. Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.

II. Proposal No.SIA/ML/MIN/71020/2020 submitted by Shri Tiberius Shylla.

The Project Proponent, Shri. Tiberius Shylla, submitted online application vide proposal No.SIA/ML/MIN/71020/2020 for Environmental Clearance for mining of limestone for an area of 3.22 hectares. The proposal is for mining of lime stone use for construction purposes and the excavated limestone in the form of lime can also be exported to Bangladesh. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Thlusniang, Chiehruphi, Elaka -Narpuh, East Jaintia Hills District, Meghalaya and toposheet Survey of India No.83C/8 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 12' 59.37"N	92° 23' 03.63"E
2	25° 13' 00.38"N	92° 23' 04.24"E
3	25° 13' 00.70"N	92° 23' 04.43"E
4	25° 13' 00.75"N	92° 23' 04.98"E



5	25° 13' 00.74"N	92° 23' 05.14"E
6	25° 13' 00.03"N	92° 23' 06.22"E
7	25° 12' 59.91"N	92° 23' 07.56"E
8	25° 12' 59.85"N	92° 23' 07.81"E
9	25° 12' 59.57"N	92° 23' 08.91"E
10	25° 12' 59.34"N	92° 23' 10.01"E
11	25° 12' 59.46"N	92° 23' 10.26"E
12	25° 12' 59.93"N	92° 23' 10.87"E
13	25° 13' 00.47"N	92° 23' 10.87"E
14	25° 13' 00.85"N	92° 23' 10.71"E
15	25° 13' 01.28"N	92° 23' 10.88"E
16	25° 13' 01.61"N	92° 23' 10.83"E
17	25° 13' 01.93"N	92° 23' 10.42"E
18	25° 13' 02.45"N	92° 23' 09.71"E
19	25° 13' 02.64"N	92° 23' 09.39"E
20	25° 13' 02.88"N	92° 23' 08.00"E
21	25° 13' 02.91"N	92° 23' 07.44"E
22	25° 13' 03.42"N	92° 23' 06.39"E
23	25° 13' 03.35"N	92° 23' 06.10"E
24	25° 13' 04.66"N	92° 23' 05.24"E
25	25° 13' 05.01"N	92° 23' 05.02"E
26	25° 13' 05.42"N	92° 23' 04.77"E

27	25° 13' 05.93"N	92° 23' 04.39"E
28	25° 13' 06.33"N	92° 23' 04.30"E
29	25° 13' 06.60"N	92° 23' 03.95"E
30	25° 13' 06.29"N	92° 23' 03.43"E
31	25° 13' 06.24"N	92° 23' 03.26"E
32	25° 13' 06.11"N	92° 23' 02.84"E
33	25° 13' 05.85"N	92° 23' 02.59"E
34	25° 13' 05.56"N	92° 23' 02.41"E
35	25° 13' 05.25"N	92° 23' 01.86"E
36	25° 13' 05.09"N	92° 23' 01.36"E
37	25° 13' 04.09"N	92° 23' 01.93"E
38	25° 13' 03.28"N	92° 23' 02.38"E
39	25° 13' 02.50"N	92° 23' 02.73"E
40	25° 13' 02.01"N	92° 23' 02.30"E
41	25° 13' 01.74"N	92° 23' 01.86"E
42	25° 13' 01.46"N	92° 23' 01.29"E
43	25° 13' 01.09"N	92° 23' 00.56"E
44	25° 13' 00.19"N	92° 23' 00.19"E
45	25° 13' 00.39"N	92° 23' 00.65"E
46	25° 13' 00.43"N	92° 23' 01.12"E
47	25° 13' 00.51"N	92° 23' 01.45"E
48	25° 12' 58.99"N	92° 23' 03.43"E

The proposed mining area belongs to Shri Tiberius Shylla as per Land Holding Certificate issued vide Letter Memo. No. JHADC/REV/LHC/7/96/2009 dated Jowai, the 16th December 2009 by the Revenue Officer, Jaintia Hills Autonomous District Council, Jowai.

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/S.Quarry/2009-10/476/B/2214, dated Jowai, the 12th January 2019 and letter of Intent vide letter No.JH/MMMCR-2016/2016-17/869/B/2377 dated Jowai, the 15th February 2019, subsequently renewed vide letter No.JH/MMMCR-2016/2016-17/869/B/2123, dated Jowai, the 30th January 2020.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, Mineral Resources Department, Government of Meghalaya, vide letter No.DMO/-J/1/MM/Mining Plan/2019/09 dated Jowai, the 15th May, 2019 which states that there is another mine of different project proponent lying within 500 metres from the applied mining lease area. Hence the applied mining area falls under cluster category as the total area of the two mines is more than 5 hectares.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the office of the Division Mining Officer, Directorate of Mineral Resources, Government of Meghalaya, Shillong vide letter No.DMO-J/1/MM/Mining Plan/2019/02 dated Jowai, 29th April 2019. The Mining Plan has been prepared to extract Lime stone at an annual rate of 2,00,200 MT of the highest production with a project cost of Rs.22,00,000 and the operations will be open cast, semi-mechanized method of mining.

As per the Mining Plan, the mineable reserves of the lime stone is 22, 69,760 tonnes and the production of reserves during the plan period of 5 years is around 10, 00,590 tonnes. Hence, the balance of reserves will sufficient for $12,69,170/2,00,200 = 6.34$ years. Thus, total life of the mine is $5+6.34=11.34$ or say 12 years.

The project was already awarded Term of Reference by the State Environment Impact Assessment Authority, Meghalaya vide letter No.ML/SEIAA/MIN/EJH/P-28/2020/1560 dated 27th August 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 Geogreen Enviro House PVT. LTD

The public hearing was held on 13th November 2021 which was conducted by the Meghalaya State Pollution Control Board and presided over by Shri. E. Kharmalki, IAS, DC, East Jaintia Hills District.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and deliberation by using kml file through google earth, and presentation of the EIA/EMP, the committee unanimously recommended for Reconsideration (As per verification, the project proponent has to furnished the following):

- The list of species mentioning both in Scientific and local names, which are endemic/indigenous in the proposed mining site area.
- Classification of land use and land cover map.
- Correction of the EIA/EMP report along with the Plagiarism check certificate and Source of data taken from external sources is to be mentioned clearly.

III. Proposal No.SIA/ML/MIN/71083/2020 submitted by Shri Mekless Dkhar

The Project Proponent Shri Mekless Dkhar, submitted online application vide proposal No.SIA/ML/MIN/71083/2020 for Environmental Clearance for mining of Lime stone for an area of 1.98 hectare. 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 Chiehruphi, Elaka Narpuh, East Jaintia Hills District, Meghalaya and toposheet Survey of India No.83C/8 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 13'16.6"N	92° 22'52.1"E
2	25° 13'18.1"N	92° 22'52.9"E
3	25° 13'19.0"N	92° 22'53.3"E
4	25° 13'19.5"N	92° 22'53.8"E
5	25° 13'19.8"N	92° 22'54.9"E
6	25° 13'20.2"N	92° 22'55.9"E
7	25° 13'19.7"N	92° 22'56.3"E

8	25° 13'18.9''N	92° 22'56.4''E
9	25° 13'18.3''N	92° 22'57.0''E
10	25° 13'17.3''N	92° 22'57.0''E
11	25° 13'16.4''N	92° 22'57.1''E
12	25° 13'15.8''N	92° 22'57.5''E
13	25° 13'15.5''N	92° 22'57.6''E
14	25° 13'14.7''N	92° 22'56.9''E
15	25° 13'14.1''N	92° 22'55.9''E
16	25° 13'13.9''N	92° 22'54.4''E
17	25° 13'14.6''N	92° 22'53.5''E
18	25° 13'15.5''N	92° 22'52.6''E

The proposed land is on lease for a period of 20 years vide Deed of Lease executed on the 15th January 2018 certified by 1st Class Magistrate, East Jaintia Hills District, Khliehriat.

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/S.Quarry/2009-10/476/B/2139, dated Jowai, the 22nd February 2018 and letter of Intent vide letter No.JH/MMMCR-2016/2016-17/869/B/342 dated Jowai, the 4th May 2018 issued by the Divisional Forest Officer, Jaintia Hills Territorial Division, Jowai.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Government of Meghalaya, vide letter No.DMO-J/13/MM/Mining Plan/2019/13 dated Jowai, the 20th May, 2019 which states that there is another 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 two mines is more than 5 hectares.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Director of Mineral Resources, Government of Meghalaya vide letter No. DMR/MM/185/2018/2136 dated Shillong, 18th March 2019. The Mining Plan has been

prepared to extract lime stone at the rate of 2,12,630 MTA with a project cost of Rs.22 lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mineable reserves of limestone are of the order of 14,58,930 tonnes. The production in the period of the mining plan will be around 9,90,230 tonnes in 5 years. Therefore, the balance reserves will be (14,58,930-9,90,230) or 4,68,700 tonnes. If the production target is 2,12,630 tonnes, the balance reserve will be sufficient for (4,68,700/2,12,630) or 2.20 years. Thus, the total life of the mine is 5+2.20=7.20 or say 8 years.

The project proponent also submitted a copy of Application for No Objection Certificate from the Chief Forest Officer, Jaintia Hills Autonomous District Council, Jowai.

The project already awarded Term of Reference by the State Environment Impact Assessment Authority, Meghalaya vide letter No.ML/SEIAA/MIN/EJH/P-95/2020/4/1586 dated 14th January 2021 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 Geogreen Enviro House PVT. LTD

The public hearing was held on 13th November 2021 which was conducted by the Meghalaya State Pollution Control Board and presided over by Shri. E. Kharmalki, IAS, DC, East Jaintia Hills District.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and deliberation by using kml file through google earth, and presentation of the EIA/EMP, the committee unanimously recommended for Reconsideration (As per verification, the project proponent has to furnished the following):

- The list of species mentioning both in Scientific and local names, which are endemic/indigenous in the proposed mining site area.
- Classification of land use and land cover map
- Correction of the EIA/EMP report along with the Plagiarism check certificate and Source of data taken from external sources is to be mentioned clearly.

2. ADS:

I. Proposal No.SIA/ML/MIN/266555/2022 submitted by Shri. Raynold Milton Laloo. (M/S Borsohra Limestone Mine)

Environmental Clearance for Borsohra Limestone Mine for an area of 4.66 hectares located at Borsohra, South West Khasi Hills District, Meghalaya.

The Proposal were given ADS in the 54th meeting of the State Expert Appraisal Committee Dated 6.06.2022, As per verification from google earth it is observed that metalled road is less than 20 metres from the proposed mining site. As per the Notification of MMMCR 2016, dated 12th September 2016 vide No.MG.49/2011/408 Chapter II.3.(1) where no mining lease and quarry permit shall be granted in respect of any land within a distance of 50 meters from any village, bridge, national highway or water source except with prior approval of the State Government.

The water quality and soil status report of samples collected from project site and analysed by National Accreditation Board for Testing and Calibration Laboratories (NABL) or Ministry of Environment, Forest and Climate Change (MoEFCC), accredited/approved labs has to be furnished by the Project Proponent.

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 Project Proponent submitted an NOC from the office of the Assistant Executive Engineer PWD (Roads), Nonghyllam Sub-Division, Nonghyllam vide letter No. NS/NOC/MINING/90/120 dated Nonghyllam 1st July 2019. He has also furnished the water quality and soil status report of samples collected from project site and analysed by labs accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL) and recognised by the Ministry of Environment, Forest and Climate Change (MoEFCC). The committee unanimously recommended for Reconsideration (as per the verification in google earth it was observed that the distance of the metalled road located near the mining lease area is less than 20 metres. As per the Notification of MMMCR 2016, dated 12th September 2016 vide No.MG.49/2011/408 Chapter II.3.(1) where no mining lease and quarry permit shall be granted in respect of any land within a distance of 50 meters from any village, bridge,

national highway or water source except with prior approval of the State Government. As per the NOC submitted by the Project Proponent vide letter No.NS/NOC/MINING/90/120 dated Nonghyllam 1st July 2019 referring to point No.1 it clearly stated that the location of Quarry should be beyond 50.00 metres away from the Right of Way (ROW). Hence, Project Proponent to obtain written justification from concerned department DMR in approving the mining lease, mining plan which is at variance with specifications of Meghalaya Minor Minerals Concession Rules, 2016.

II. Proposal No.SIA/ML/MIN/53444/2020 submitted by Shri Shembhalang K. Rymmai. (M/S Sohmluh Limestone Quarry)

Environmental Clearance for Sohmluh Limestone Quarry for an area of 4.50 hectares located at Sohmluh, Elaka Wahlong East Khasi Hills District, Meghalaya.

The Proposal were given ADS in the 54th meeting of the State Expert Appraisal Committee Dated 6.06.2022, as per verification, the project proponent has to submit the water quality and soil status report of samples collected from project site and analysed by National Accreditation Board for Testing and Calibration Laboratories (NABL) or Ministry of Environment, Forest and Climate Change (MoEFCC), accredited/approved labs.

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 Project Proponent has furnished the water quality and soil status report of samples collected from project site and analysed by labs accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL) and recognised by the Ministry of Environment, Forest and Climate Change (MoEFCC). The committee unanimously recommended for grant of Environment Clearance with the following conditions.

1. LOI ought to be renewed as the validity has expired
2. A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.



3. Garland drains is to be constructed along the periphery of the mining lease boundary to capture the storm water run-off from the mining area, all drains will link to a settling tank with compartments to check and arrest siltation in the mine water prior to discharge.
4. Curtain Drain is to be constructed properly to intercept the surface water from flowing into the mining area and water flowing out of the mine channelized to the Settling tank.
5. If any debris etc. overflows to adjoining land/agricultural field etc. during the mining operation, Monitoring Agency is to take necessary action as per relevant section(s) of Water (Prevention & Control of Pollution) Act, 1974.
6. In annual EMP budget under GREEN BELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.
7. To increase the allocation for plantation and maintenance to a minimum of Rs. 1 lakh per annum and double the number of plants to be planted.
8. CER should be included in the capital cost and it should be increased to a minimum of Rs 1 lakh annually.
9. Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
10. GPS coordinates of each pillars should be carved/painted clearly on the pillars with Red colour.
11. A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
12. Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
13. Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.



III. Proposal No.SIA/ML/MIN/66635/2021 submitted by Smt. Arbina M. Sangma.(M/S Bagli Limestone Mine)

Environmental Clearance for Bagli Limestone Mine for an area of 1.0 hectares located at at Bagli, South West Khasi Hills, District, Meghalaya.

The Proposal were given ADS in the 54th meeting of the State Expert Appraisal Committee Dated 6.06.2022, as per verification, , the project proponent has to submit the water quality and soil status report of samples collected from project site and analysed by the National Accreditation Board for Testing and Calibration Laboratories (NABL) or Ministry of Environment, Forest and Climate Change (MoEFCC), accredited/approved labs has to be furnished by the project proponent).

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 Project Proponent has furnished the water quality and soil status report of samples collected from project site and analysed by labs accredited by National Accreditation Board for Testing and Calibration Laboratories (NABL) and recognised by the Ministry of Environment, Forest and Climate Change (MoEFCC). The committee unanimously recommended for grant of Environment Clearance with the following conditions.

1. LOI ought to be renewed as the validity has expired
2. A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.
3. Garland drains is to be constructed along the periphery of the mining lease boundary to capture the storm water run-off from the mining area, all drains will link to a settling tank with compartments to check and arrest siltation in the mine water prior to discharge.
4. Curtain Drain is to be constructed properly to intercept the surface water from flowing into the mining area and water flowing out of the mine channelized to the Settling tank.
5. If any debris etc. overflows to adjoining land/agricultural field etc. during the mining operation, Monitoring Agency is to take necessary action as per relevant section(s) of Water (Prevention & Control of Pollution) Act, 1974.



6. In annual EMP budget under GREEN BELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.
7. To increase the allocation for plantation and maintenance to a minimum of Rs. 1 lakh per annum and double the number of plants to be planted.
8. CER should be included in the capital cost and it should be increased to a minimum of Rs 1 lakh annually.
9. Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
10. GPS coordinates of each pillars should be carved/painted clearly on the pillars with Red colour.
11. A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
12. Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
13. Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.

The meeting ended with a vote of thanks to the chair.



Chairman,

State Expert Appraisal Committee,
Meghalaya, Shillong