

STATE EXPERT APPRAISAL COMMITTEE (SEAC)

:: MEGHALAYA ::

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

MINUTES OF 53rd MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE, MEGHALAYA SHILLONG HELD ON 20th May 2022, FOR ENVIRONMENTAL APPRAISAL OF NON-COAL MINING PROJECTS

Members of the Committee present:

Sl.No	Name	Designation	Signature
1	Shri. NababrataBhattacharjee	Chairman SEAC	-Sd-
2	Shri Millanburg. R.. Sangma	Member	-Sd-
3	Dr. Highland Kayang	Member	-Sd-
4	Shri Gideon Lamborlang Kharkongor	Member	-Sd-
5	Shri Pynobiang 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 53rd meeting of State Expert Appraisal Committee (SEAC), Meghalaya, Shillong, held on 20th May2022from 11:00 A.M. on ward in the Conference Hall, office of the Principal Chief Conservator of Forests & HoFF, Meghalaya, Lower Lachumiere, Shillong – 793001,Shillong throughoffline method. At the outset the Chairman Shri.NababrataBhattacharjee, 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/1/2022/4dated the 17th May2022, accordingly. All proposed mining areas are cross checked through google earth.

1. Confirmation of the minutes of the 52nd Meeting held on 25th November 2021.

The minutes were confirmed.

2. Action taken report as per the decision taken in the 52ndMeeting.

As per the decision taken in the 52nd Meeting of the State Expert Appraisal Committee held on 25th November 2021, (3) three project proposals were recommended for Environmental

Clearance, (1) one project proposals Term of Reference and (1) one ADS were recommended to the State Environment Impact Assessment Authority, Meghalaya.

1. ENVIRONMENTAL CLEARANCE

I. Proposal No.SIA/ML/MIN/228040/2021 submitted by Smt. Sornolotha D. Shira

The Project Proponent Smt. Sornolotha D.Shira, submitted online application for Environmental Clearance for Brick Earth Quarry Permit vide proposal No.SIA/ML/MIN/228040/2021 for mining of brick earth for an area of 0.450 hectares. The proposal for mining of brick earth is for preparation of adobe bricks. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Gorband, P.O. & P.S.Rajabala, West Garo Hills District, Meghalaya and toposheet Survey of India No.78G/14 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 44' 16.40"N	89° 57' 32.90"E
2	25° 44' 14.70"N	89° 57' 33.50"E
3	25° 44' 14.50"N	89° 57' 34.00"E
4	25° 44' 15.30"N	89° 57' 35.10"E
5	25° 44' 18.40"N	89° 57' 34.30"E

The proposed mining area belongs to the project proponent vide Gift Deed executed on the 30th month of May 2016 and certified by Public Notary, Government of Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West & South West Garo Hills (T) Division, Tura vide letter No. B/16/VII/NOC/MMMCR/667-69, dated Tura, the 11th February 2021 and Letter of Intent vide letter No.B/16/VII/688 dated Tura, the 11th February 2021. The Project Proponent also obtained the 'No Objection Certificate' issued by the Sub-Divisional Agriculture Officer, Dadenggre, Sub-Division, Dadenggre, West Garo Hills, Tura vide letter No.AGRI/DSD/NOC/2016-17/668-A dated Dadenggre, the 6th February 2017.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2019/55 dated Williamnagar, the 12th August, 2021 which states that there is another mine of different owner lying within 500 metres from the applied mining lease area and the total of these two mines is summed up to 1.09 Ha. which is less than 5 Ha. The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the the Divisional Mining Officer, East Garo Hills District, Meghalaya, vide letter No.DMO-W/MP/68/2021/21, dated Williamnagar, the 9th June 2021. The Mining Plan has been prepared to extract brick earth at an average annual production of 1785 Cubic metres per annum with a project cost of Rs.6.0 lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the Mining Plan, the mineable reserves are of the order of 26,400 Tons. The production in the period of the mining plan will be around 12,500 Tons in 5 years. The balance reserves will be $(26400 - 12500) = 13,900$ tons. If the production target is 2500 tons, the balance reserve will be sufficient for $(13900 / 2500) = 5.56$ years. Thus total life of the mine is $(5 + 5.56) = 10.56$ 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 grant of Environment Clearance with the following conditions:

1. LOI ought to be renewed as the validity has expired.
2. Curtain drains to be constructed to intercept the surface water runoff, if any, including debris etc. overflowing to the 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.
3. GPS coordinates of each pillars should be carved/painted clearly on the pillars with Red colour.
4. 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.
5. 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.

II. Proposal No.SIA/ML/MIN/239153/2021 submitted by Smt. Ripyngad Lyngdoh

The Project Proponent, Smt. Ripyngad Lyngdoh submitted online application vide proposal No.SIA/ML/MIN/239153/2021 for Environmental Clearance for mining of Boulder stone for an area of 0.36 hectares. The proposal for mining of boulder stone use for construction purposes-buildings, road projects, dams, etc., and hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Kseh Lyngdoh, Sohmynthang Village, Elaka Amwi, West Jaintia Hills District, Meghalaya and toposheet Survey of India No. 83C/3 within the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25°25'41.1"N	92°08'18.7" E
2	25°25'39.9"N	92°08'19.7" E
3	25°25'40.0"N	92°08'21.8" E
4	25°25'42.3"N	92°08'20.8" E

The proposed mining area belongs to the project proponent as per the Land Holding certificate vide MEMO.No.JHADC/REV/LHC/1/39/17 dated Jowai the 30th March 2017 issued by the Executive Member Revenue, Jaintia Hills Autonomous District Council.

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/IR/I.S/F.C/2021-22/985/B/989 dated Jowai, the 21st September, 2021 and Letter of Intent vide No.R.L/M.L/B.S/2021-22/B/1104 dated Jowai the 11th October, 2021.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/55/MM/Mining Plan/2021-22/156 dated Jowai, the 9th November 2021 where it is mentioned that that there is no other mine lying within 500 metres from the applied mining lease area. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining plan and Progressive Mine Closure Plan from Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No. DMO-J/55/MM/Mining Plan/2021-22/155 dated Jowai, the 9th November 2021. The Mining Plan has been prepared to extract boulder stone at an annual rate of 21422 MTPA

with a project cost of Rs. 13 Lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mineable reserves would be 107111 tonnes with an average annual production of 21422 ($107111/5=21422$) tonnes. The average annual production of boulder stone may be different from annual production of five years plan period. Thus 107022 Tonnes of the total mineable reserve will be worked out in first 5 years and the rest quantity ($107111-107022$) = 89 Tonnes will be Mining loss. Therefore, the life of the mine will be 5 years (five years in plan period).

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 site visit has not been undertaken, 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. 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.
4. 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.
5. 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.
6. 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.
7. CER should be included in the capital cost and it should be increased to a minimum of Rs 1 lakh annually.

8. 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.
9. GIS coordinates of each pillars should be carved/painted clearly on the pillars with Red colour.
10. A board contain the name of Project, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be install in the entrance to the mining site.
11. 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.

III. Proposal No.SIA/ML/MIN/242492/2021 submitted by Shri. Greneth M. Sangma

The Project Proponent, Shri. Greneth M.Sangma submitted online application vide proposal No.SIA/ML/MIN/242492/2021 for Environmental Clearance for mining of Boulder stone for an area of 1.99 hectares. The proposal for mining of boulderstone use for construction purposes-buildings, road projects, dams, etc., and hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Nokatgre Village, P.O. Siju, South Garo Hills District, Meghalaya and toposheet Survey of India No. 78K/11 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25°23'527"N	90°34'638" E
2	25°23'565"N	90°34'690" E
3	25°23'587"N	90°34'731" E
4	25°23'559"N	90°34'747" E
5	25°23'541"N	90°34'759" E
6	25°23'514"N	90°34'729" E
7	25°23'479"N	90°34'679" E

The proposed mining area is on lease vide deed of lease which was executed on 25th January 2021 at Baghmara and certified by Sub-Registrar, South Garo Hills, Baghmara.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Social Forestry & Territorial Division, South Garo Hills, Baghmara vide letter No.

SF&T/SGH/NFL/154/2217 dated Baghmara, the 17th March, 2021 and Letter of Intent vide No.SGH/SF&T/LOI/158/52 dated Baghmara the 13th April, 2021.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2019/150 dated Williamnagar, the 21st October 2021 where it is mentioned that there is no other mine lying within 500 metres from the applied mining lease area. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining plan from Divisional Mining Officer, East Garo Hills District, Williamnagar vide letter No.DMO-W/MP/75/2021/146 dated Williamnagar, the 8th October 2021. The Mining Plan has been prepared to extract boulder stone at an annual rate of 43735 MTPA with a project cost of Rs. 122.343 Lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the anticipated life of mine is $191681.64/191514=1*5=5$ Years.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and deliberation by using kml file through google earth, the committee unanimously recommended for ADS (As per verification shown in google earth, the distance of Nokrek National Park, (which is yet to be notified by competent authorities as an Eco Sensitive Zone(ESZ),) is 1.18 km from the mining site. Hence, Wildlife Certificate (NOC) ought to be submitted, issued by the concerned DFO, Wildlife Division, under whose jurisdiction the above area is located.

IV. Proposal No.SIA/ML/MIN/242626/2021 submitted by Shri. Sengkan Watre Sangma

The Project Proponent, Shri. Sengkan Watre Sangma submitted online application vide proposal No.SIA/ML/MIN/242626/2021 for Environmental Clearance for mining of Boulder stone for an area of 2.00 hectares. The proposal for mining of boulder stone use for construction purposes-buildings, road projects, dams, etc., and hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Jongkipara, P.O.Dhanua, P.S. Tura West Garo Hills District, Meghalaya and toposheet Survey of India No. 78G/14 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25°39'50.10"N	89°56'58.40" E
2	25°39'53.60"N	89°57'05.80" E
3	25°39'56.20"N	89°57'04.20" E
4	25°39'53.10"N	89°56'57.60" E

The proposed mining area is on lease for a period of 10 years vide deed of lease which was executed on 25th January 2018 at Tura and certified by District Registrar, Tura.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West & South West Garo Hills (T) Division, Tura vide letter No.B/16/VII/NOC/MMMCR/ dated Tura, October, 2020 and Letter of Intent vide No.B/16/VII/1343 dated Tura the 18th March, 2021.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2019/167 dated Williamnagar, the 30th November 2021 where it is mentioned that there is no other mine lying within 500 metres from the applied mining lease area. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining plan from Divisional Mining Officer, East Garo Hills District, Williamnagar vide letter No.DMO-W/MP/73/2021/164 dated Williamnagar, the 16th November 2021. The Mining Plan has been prepared to extract boulder stone at an annual rate of 99635.4TPA with a project cost of Rs.156.88 Lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the anticipated life of mine is $(184556.25/184510=1*5=5$ 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, and all other relevant documents, information etc; 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. 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.
4. 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.
5. 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.
6. 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.
7. CER should be included in the capital cost and it should be increased to a minimum of Rs 1 lakh annually.
8. 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.
9. GIS coordinates of each pillars should be carved/painted clearly on the pillars with Red colour.
10. A board contain the name of Project, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be install in the entrance to the mining site.
11. 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.

V. Proposal No.SIA/ML/MIN/251401/2022 submitted by Shri. Nowell Shylla

The Project Proponent, Shri. Nowell Shylla submitted online application vide proposal No.SIA/ML/MIN/251401/2022 for Environmental Clearance for mining of Boulder stone for an area of 0.89 hectares. The proposal for mining of boulder stone is use for construction purposes-buildings, road projects, dams, etc., and hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Mawsohphan, Laitkseh

Village, East Khasi Hills District, Meghalaya and toposheet Survey of India No. 780/14 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25°31'1.717"N	91°55'43.733" E
2	25°31'1.812"N	91°55'42.845" E
3	25°31'1.607"N	91°55'41.502" E
4	25°31'1.711"N	91°55'40.714" E
5	25°31'0.795"N	91°55'40.599" E
6	25°30'59.828"N	91°55'40.505" E
7	25°30'59.044"N	91°55'40.418" E
8	25°30'58.064"N	91°55'40.310" E
9	25°30'57.641"N	91°55'41.167" E
10	25°30'57.452"N	91°55'41.585" E
11	25°30'57.157"N	91°55'42.154" E

The proposed mining area belongs to the project proponent as per the Affidavit dated Shillong the 21st August 2018 certified by the Public Notary, Shillong.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi (T) Division, vide letter No. KH/9/NOC/STONE/41/Pt.V/964 dated Shillong, the 27th May, 2019 and Letter of Intent vide No.KH/8/Quarry permit/Stone/2690 dated Shillong the 16th July, 2019.

The project proponent has obtained a cluster certificate from the Mining engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/61/2019/09 dated Shillong, the 3rd February 2021 where it is mentioned that that there is no other mine lying within 500 metres from the applied mining lease area. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining plan and Progressive Mine Closure Plan from Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No. DMR/MM/61/2019/989 dated Shillong, the 4th September 2019. The Mining Plan has

been prepared to extract boulder stone at an annual rate of 33995TPA with a project cost of Rs.15 Lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mineable reserves would be 169590 tonnes and this total mineable reserve will be quarried in five years of quarry permit period. The maximum production of stone in 5 years will be 169543 Tonnes. Thus the life of the quarry will be 5 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, and site visit has not been undertaken, the committee unanimously recommended for ADS. As per verification on study of google earth the distance of the river located near the mining lease area is less than 100 metres. As per the Amended Notification of MMMCR 2016, dated 21.09.2020 vide No.MG.49/2011/pt-I/184, Amendment Rule 4.1. (b): no mining lease and quarry permit shall be granted in respect of any land within a distance of 100 m from any village, water source, bridges, dams, reservoirs and from the edge of the State Highways and any other roads when blasting is not involved. However, the mining plan for this particular project was approved in 2019 vide No.DMR/MM/61/2019/989 dated Shillong, the 4th September 2019; prior to 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. In this case the distance from the nearest river is more than 70 metres which is higher than 50 meters. Hence rectification is sought from project proponent for delay of submitting/ uploading of project proposal.

VI. Proposal No.SIA/ML/MIN/246335/2021 submitted by Smt. Langspah Tymmeniang (M/S Shloit-B Limestone Mine)

The Project Proponent, Smt. Langspah Tymmeniang submitted online application vide proposal No.SIA/ML/MIN/246335/2021 for Environmental Clearance for Shloit-B Limestone Mine for an area of 0.74 hectares. The proposal for mining of limestone will be used in kilns for manufacturing of lime used as building material and hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at

Shloit, Lynti Dkhar Area, Sohbar Sirdarship, East Khasi Hills, Meghalaya and toposheet Survey of India No. 78O/16 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25°11'22.10"N	91°45'32.70" E
2	25°11'19.69"N	91°45'33.90" E
3	25°11'22.98"N	91°45'36.31" E
4	25°11'24.92"N	91°45'35.85" E

The proposed mining area is on lease for a period of 20 years vide Deed of Lease dated the 25th February, 2021 and certified by the Sub-Registrar, Sohra, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi hills & Ri Bhoi (T) Division, vide letter No.KH/8/NOC/Limestone/41/Pt.IV/3881 dated Shillong, the 5th November, 2021 and Letter of Intent vide No.KH/8/ML/Limestone/68/3911 dated Shillong the 8th November, 2021.

The project proponent has obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, vide letter No.DMR/MM/151/2021/10 dated Shillong, the 17th December 2021 where it is mentioned that that there are four (4) approved mines lying within 500 metres from the applied mining lease area, but, the total area of the 5 mines is 4.49 hectares only (less than 5 hectares). Hence, the Environment Management Plan is not required.

The project proponent submitted mining plan approved by the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/151/2021/5 dated Shillong, the 6th December 2021. The Mining Plan has been prepared to extract limestone at 21489 TPA with a project cost of Rs. 18 Lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mineable reserves would be 214892 Tonnes with an average annual production of 21489 (214892/10=21489) Tonnes. The average annual production of limestone may be different from annual production of five years plan period .Thus 107336 Tonnes of the total mineable reserve will be worked out in first five years and the rest quantity of mineable reserve i.e.(214892-107336)=107556 Tonnes would be exhausted in

further 5 years @ 21511 Tonnes per annum. Therefore, the life of the mine will be 10 years (5 years in plan period + 5 years in conceptual period).

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 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. 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.
4. 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.
5. 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.
6. 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.
7. CER should be included in the capital cost and it should be increased to a minimum of Rs 1 lakh annually.
8. 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.
9. GPS coordinates of each pillars should be carved/painted clearly on the pillars with Red colour.

10. 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.
11. 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.

VII. Proposal No.SIA/ML/MIN/247060/2021 submitted by Smt. Relish Shylla (M/S Shohblang Limestone Mine)

The Project Proponent, Smt. Relish Shylla submitted online application vide proposal No.SIA/ML/MIN/247060/2021 for Environmental Clearance for Shohblang Limestone Mine for an area of 1.94 hectares. The proposal for mining of limestone will be used in kilns for manufacturing of lime used as building material and hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Shohblang, Umtyra, East Jaintia Hills, Meghalaya and toposheet Survey of India No. 83C/8 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25°15'24.3"N	92°22'28.4" E
2	25°15'26.8"N	92°22'26.8" E
3	25°15'29.0"N	92°22'26.5" E
4	25°15'28.6"N	92°22'22.2" E
5	25°15'27.0"N	92°22'21.9" E
6	25°15'24.1"N	92°22'22.8" E

The proposed mining area is on lease for a period of 20 years vide Deed of Lease Agreement dated the 16th September, 2021 at Byndihati, East Jaintia Hills District and certified by the Public notary, East Jaintia Hills, Khliehriat Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Jaintia Hills Territorial Division, vide letter No.JH/IR/I.S/F.C/2021-22/985/B/1007 dated Jowai, the 22nd September, 2021 and Letter of Intent vide No.JH/R.S/L.S/M.L/2021-22/B/1066 dated Jowai the 1st October, 2021.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, vide letter No.DMO-J/53/MM/Mining Plan/2020-21/158 dated Jowai, the 24th November 2021 where it is mentioned that there are no approved mines lying within 500 metres from the applied mining lease area. Hence, the Environment Management Plan is not required.

The project proponent submitted mining plan approved by the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No. DMO-J/53/MM/Mining Plan/2021-22/156 dated Jowai, the 24th November 2021. The Mining Plan has been prepared to extract limestone at 180225 TPA with a project cost of Rs. 23 Lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mineable reserves of Limestone is of the order of 9, 98,000 MT. The production in the period of this mining plan will be around 6, 80,950 MT in 5 years. The balance reserves will be $998000 - 680950 = 317050$ MT. If the yearly production target is 180225 MT, then the balance reserves will be sufficient for $317050 / 180225 = 1.759$ years. Thus the total life of the mine is $5 + 1.759 = 6.759$ or say 7 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 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. 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.
4. 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.

5. 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.
6. 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.
7. CER should be included in the capital cost and it should be increased to a minimum of Rs 1 lakh annually.
8. 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.
9. GPS coordinates of each pillars should be carved/painted clearly on the pillars with Red colour.
10. 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.
11. 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.

VIII. Proposal No.SIA/ML/MIN/260425/2022 submitted by Smt. Diolin Kharbangar (M/S Laitkor Boulder Stone Mine)

The Project Proponent, Smt. Diolin Kharbangar submitted online application vide proposal No.SIA/ML/MIN/260425/2022 for Environmental Clearance for mining of Boulder stone for an area of 2.66 hectares. The proposal for mining of boulder stone is use for construction purposes-buildings, road projects, dams, etc., and hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Laitkor, Mawrie, Lumheh, Lumbaiong, East Khasi Hills District, Meghalaya and toposheet Survey of India No. 78O/14 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25°31'48.50"N	91°52'54.60" E
2	25°31'47.29"N	91°52'54.55" E

3	25°31'47.15"N	91°52'53.51" E
4	25°31'46.04"N	91°52'53.46" E
5	25°31'45.56"N	91°52'54.35" E
6	25°31'43.07"N	91°52'55.11" E
7	25°31'42.60"N	91°52'53.30" E
8	25°31'41.00"N	91°52'50.96" E
9	25°31'47.08"N	91°52'48.00" E
10	25°31'48.00"N	91°52'49.72" E
11	25°31'47.63"N	91°52'51.32" E

The proposed mining area belongs to the project proponent as per the Deed of Declaration dated 26th May 2017 and certified by the Sub-Registrar, Shillong.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi (T) Division, vide letter No. KH/9/NOC/STONE/41/Pt.V/3350 dated Shillong, the 14th August, 2019 and Letter of Intent vide No.KH/8/ML/Stone/69/3473 dated Shillong the 21st August, 2019.

The project proponent has obtained a cluster certificate from the Mining engineer, Directorate of Mineral Resources, Meghalaya ,Shillong vide letter No.DMR/MM/70/2019/10 dated Shillong, the 13th April 2021 where it is mentioned that that there is no other mine lying within 500 metres from the applied mining lease area. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining plan and Progressive Mine Closure Plan from Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No. DMR/MM/70/2019/1181 dated Shillong, the 3rd October 2019. The Mining Plan has been prepared to extract boulder stone at an annual rate of 155736 MTPA with a project cost of Rs. 24 Lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mineable reserves would be 1557081 Tonnes with an average annual production of 155708 (1557081/10=155708) Tonnes. The average annual production of stone may be different from annual production of first five years. The production of stone in first 5 years will be 778172 Tonnes and the balanced mineable reserve of 778909 Tonnes will be exhausted in subsequent 5 years@155782 Tonnes. Thus the life of the mine will be 10 years.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and deliberation by using kml file through google earth, the committee unanimously recommended for ADS (As per verification from google earth it shows that the settlements is located nearby which is less than 200 metres. As per PFR, chapter 3: para 3.6 of PP, blasting will be undertaken for loosening and excavation of boulder stone. As per the Amended Notification of MMMCR 2016, dated 21.09.2020, Amendment Rule 4.1.(C): It is stated that no mining lease and quarry permit shall be granted in respect of any land within a distance of 200 m from any village, water source, bridges, dams, reservoirs and from the edge of the State Highways and any other roads when blasting is involved. Hence rectification is sought from project proponent.

IX. Proposal No. SIA/ML/MIN/255232/2022 submitted by Shri. Deiwit Dkhar (M/S Brichangpung Limestone Mine)

The Project Proponent, Shri. Deiwit Dkhar submitted online application vide proposal No. SIA/ML/MIN/255232/2022 for Environmental Clearance for Brichangpung Limestone Mine for an area of 1.27 hectares. The proposal for mining of limestone will be used in kilns for manufacturing of lime used as building material and hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Brichangpung, Nongsning, East Jaintia Hills, Meghalaya and toposheet Survey of India No. 83C/8 within the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25°15'11.7"N	92°25'08.8" E
2	25°15'13.6"N	92°25'11.4" E
3	25°15'13.0"N	92°25'13.7" E
4	25°15'09.2"N	92°25'13.0" E
5	25°15'10.0"N	92°25'09.3" E

The proposed mining area belongs to the project proponent as per the Land Holding certificate vide MEMO No. JHADC/REV/LHC/18/156/08 dated Jowai the 24th August 2010 issued by the Revenue Officer, Jaintia Hills Autonomous District Council.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Jaintia Hills Territorial Division, vide letter No. JH/IR/I.S/F.C/2021-22/985/B/1225 dated Jowai, the 3rd November, 2021 and Letter of Intent vide No. JH/D.D/ML/L.S/2021-22/B/1329 dated Jowai the 19th November, 2021.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, vide letter No. DMO-J/56/MM/Mining Plan/2021-22/165 dated Jowai, the 5th January 2022 where it is mentioned that there are no approved mines lying within 500 metres from the applied mining lease area. Hence, the Environment Management Plan is not required.

The project proponent submitted mining plan approved by the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No. DMO-J/56/MM/Mining Plan/2021-22/160 dated Jowai, the 5th January 2022. The Mining Plan has been prepared to extract limestone at 140400 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 Limestone is of the order of 4, 58,500 MT. The production in the period of this mining plan will be around 4, 50,775 MT in 5 years. The balance reserves will be $458500 - 450775 = 7725$ MT. If the yearly production target is 140400 MT, then the balance reserves will be sufficient for $7725 / 140400 = 0.05$ years. Thus the total life of the mine is $5 + 0.05 = 5.05$ or say 5 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 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. 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.

4. 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.
5. 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.
6. 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.
7. CER should be included in the capital cost and it should be increased to a minimum of Rs 1 lakh annually.
8. 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.
9. GPS coordinates of each pillars should be carved/painted clearly on the pillars with Red colour.
10. 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.
11. 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.

X. Proposal No.SIA/ML/MIN/254982/2022 submitted by Shri. Lungmon Shylla (M/S Umpliang Limestone Mine)

The Project Proponent, Shri. Lungmon Shylla submitted online application vide proposal No.SIA/ML/MIN/254982/2022 for Environmental Clearance for Umpliang Limestone Mine for an area of 1.25 hectares. The proposal for mining of limestone will be used in kilns for manufacturing of lime used as building material and hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Umpliang, Wahiajer, East Jaintia Hills, Meghalaya and toposheet Survey of India No. 83C/8 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25°11'47.4"N	92°24'35.2" E
2	25°11'47.8"N	92°24'35.0" E
3	25°11'48.2"N	92°24'33.8" E
4	25°11'48.9"N	92°24'32.6" E
5	25°11'49.5"N	92°24'31.9" E
6	25°11'50.4"N	92°24'31.9" E
7	25°11'50.7"N	92°24'33.5" E
8	25°11'51.5"N	92°24'34.7" E
9	25°11'51.4"N	92°24'35.1" E
10	25°11'50.4"N	92°24'36.1" E
11	25°11'48.8"N	92°24'38.2" E
12	25°11'48.4"N	92°24'37.6" E
13	25°11'47.8"N	92°24'36.8" E
14	25°11'47.2"N	92°24'35.7" E

The proposed mining area is on lease for a period of 20 years vide Lease Deed dated the 31st August, 2021 certified by the Additional Deputy commissioner, East Jaintia Hills, Khliehriat Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Jaintia Hills Territorial Division, vide letter No.JH/IR/F.C/2021-22/985/B/1115 dated Jowai, the 12th October, 2021 and Letter of Intent vide No.JH/L.S/M.L/L.S/2021-22/B/1309 dated Jowai the 16th November, 2021.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, vide letter No.DMO-J/58/MM/Mining Plan/2021-22/168 dated Jowai, the 5th January 2022 where it is mentioned that there are no approved mines lying within 500 metres from the applied mining lease area. Hence, the Environment Management Plan is not required.

The project proponent submitted mining plan approved by the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No. DMO-J/58/MM/Mining Plan/2021-22/164 dated Jowai, the 5th January 2022. The Mining Plan has been prepared to

extract limestone at 101250 TPA with a project cost of Rs. 11.50 Lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mineable reserves of Limestone is of the order of 3, 61,750 MT. The production in the period of this mining plan will be around 6, 80,950 MT in 5 years. The balance reserves will be $361750 - 330075 = 31675$ MT. If the yearly production target is 101250 MT, then the balance reserves will be sufficient for $31675 / 101250 = 0.31$ years. Thus the total life of the mine is $5 + 0.31 = 5.31$ 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 grant of Environment Clearance with the following conditions.

1. LOI ought to be renewed as the validity has expired
2. Permission for felling up trees from the competence authority to be obtain enumerated in the non-forest land certificate.
3. 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.
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 increased 10 times 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.

2. Reconsideration:

I. Proposal No.SIA/ML/MIN/160771/2020 submitted by Shri Donkupar Sumer

Environmental Clearance for Ranap Boulder Stone Mine for an area of 1.60 hectares located at Ranap Lum Mawtari, Myrdon Sirdarship, Ri Bhoi District, Meghalaya.

The proposal was kept for reconsideration in the 34th meeting of SEAC dated 10th& 11th September 2020, in view of the letter from the Deputy Commissioner, Ri Bhoi District dated 14/9/2020 which directed for cancellation of all new permissions granted after 9th July 2020 in Ri Bhoi District.

Recommendation

The proposal is recommended based exclusively on the letter no. FOR/CC/26/2019/1210 dated 29/4/2022 along with enclosures which was received from the Secretary, Forest and Environment to consider the application for Environmental Clearance submitted by the project proponent to Government of Meghalaya and subsequent legal opinion of Advocate General, Meghalaya, overruling the order of Deputy Commissioner, Ri Bhoi District, Meghalaya issued vide letter NO.DCRB(LR)5/2017/Pt-II/Rev/496/1084(a) dated 14th September, 2020 as mentioned in prepage, conveyed by Secretary Forest vide letter no. FOR/CC/26/2019/1210 dated 29/4/2022. The committee unanimously recommended for grant of Environment Clearance *without any prejudice* but based solely on letter of Secretary Forest & Environment, Government of Meghalaya issued vide letter no.

FOR/CC/26/2019/1210 dated 29/4/2022. The following environment protection conditions based on site of mining area is recommended.

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. 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.
4. 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.
5. 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.
6. 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.
7. CER should be included in the capital cost and it should be increased to a minimum of Rs 1 lakh annually.
8. 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.
9. GPS coordinates of each pillars should be carved/painted clearly on the pillars with Red colour.
10. 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.
11. 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.

II. Proposal No:SIA/ML/MIN/232466/2021 submitted by Shri Micky Passah (M/S Shyntusorha Limestone Mine)

Environmental Clearance for Shyntusorha Limestone Mine of for an area of 4.96 hectares located at located at Shyntusorha/Alekwareng Langrin Syiemship, South West Khasi Hills, Meghalaya.

The proposal was kept for reconsideration in the 51st Meeting of SEAC dated 5th November 2021, since the matter regarding the mining lease area of the project proponent was *Sub-judice* vide Order Sheet dated 20/10/2021 passed by the Honourable Court of Assistant to Deputy Commissioner, Mawkyrwat in the case arising out of title suit of the mining lease of the project proponent.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent, and the Hon'ble Court disposing off the case vide Order Sheet dated 29.11.2021. The committee unanimously recommended for granting of Environmental Clearance to the project proponent with the following condition:

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. 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.
4. 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.
5. 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.
6. 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.

7. CER should be included in the capital cost and it should be increased to a minimum of Rs 1 lakh annually.
8. 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.
9. GPS coordinates of each pillars should be carved/painted clearly on the pillars with Red colour.
10. 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.
11. 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.

3. ADS:

I. Proposal No:SIA/ML/MIN/232486/2021submitted by Shri. Eric Stone Laso (M/S Lurksiar-Tembah Limestone mine)

Environmental Clearance for Lurksiar-Tembah Limestone Mine of for an area of 1.53 hectares at Lurksiar Tembah,Nongjri Sirdarship,East Khasi Hills, Meghalaya.

The proposal were given ADS in the 51st Meeting of SEAC dated 5th November 2021, since as per verification shown in google earth the road is less than 200 m from the mining site. Therefore, as per the Amended Notification of MMMCR 2016 dated 21.09.2020 Amendment Rule 4(c): within a distance of 100 m from any village, water source, Bridges, Dams, Reservoirs and from the edge of the State Highways and any other roads when blasting is not involved.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent, the committee unanimously recommended to grant Environmental Clearance to the project proponent along with the following condition:

1. LOI ought to be renewed as the validity has expired
2. BLASTING will not be carried out in the lease area to ensure road safety, and life of commuters/villagers.
3. 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.

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.
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.

II. Proposal SIA/ML/MIN/231722/2021 submitted by Shri. Michel Lyngdoh

Environmental Clearance for Lumbatai Limestone Mine for an area of 3.30 hectares located at Lumbatai, Mynkre Village, East Jaintia Hills District, Meghalaya.

The proposal were given ADS in the 50th Meeting of SEAC dated 19th October 2021, since during actual site visit by the committee it was observed that the project proponent did not

erect the Boundary pillars of the mining lease area in absence of which the coordinates of the mining area as per mining plan and LOI could not be verified by visiting SEAC team.

Recommendation

After due screening and examination of all the documents along with the photographs of pillars erected highlighting GPS coordinates of each pillar submitted by the Project Proponent, the committee unanimously recommended granting of Environmental Clearance to the project proponent along with the following condition:

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. 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.
4. 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.
5. 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.
6. 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.
7. CER should be included in the capital cost and it should be increased to a minimum of Rs 1 lakh annually.
8. 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.
9. GPS coordinates of each pillars should be carved/painted clearly on the pillars with Red colour.

10. 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.
11. 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.

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



Chairman
State Expert Appraisal Committee
Meghalaya Shillong