



# STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)

:: MEGHALAYA::

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

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## MINUTES OF THE MEETING OF THE SEIAA, MEGHALAYA.

HELD ON 2<sup>nd</sup> JUNE, 2022, AT 2:00 PM,

VENUE: OFFICE CHAMBER OF THE CHAIRMAN.

### Members present in the Meeting:

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

### Proceedings:

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

**Agenda 1 : Action taken Report** - The Member Secretary informed about the action of the decisions taken in the last SEIAA's meeting held on 26<sup>th</sup> May, 2022 and circulated the Minutes of the said meeting. The meeting approved the actions taken and confirmed the proceedings.

## **Agenda 2 : Grant of Environmental Clearance (EC)**

### **2.1 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 hectare. 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.78 G/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 30<sup>th</sup> 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 11<sup>th</sup> February 2021 and Letter of Intent vide letter No.B/16/VII/688 dated Tura, the 11<sup>th</sup> 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 6<sup>th</sup> 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 12<sup>th</sup> 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 Divisional Mining Officer, East Garo Hills District, Meghalaya, vide letter No. DMO-W/MP/68/2021/21, dated Williamnagar, the 9<sup>th</sup> 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.

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

### 2.2 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, Sohmynthing Village, Elaka Amwi, West Jaiñtia Hills District, Meghalaya and toposheet Survey of India No. 83 C/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.JHADDC/REV/LHC/1/39/17 dated Jowai the 30<sup>th</sup> March 2017 issued by the Executive Member Revenue, Jaiñtia Hills Autonomous District Council.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Jaiñtia Hills Territorial Division, Jowai, vide letter No. JH/IR/I.S/F.C/2021-22/985/B/989 dated Jowai, the 21<sup>st</sup> September, 2021 and Letter of Intent vide No.R.L/M.L/B.S/2021-22/B/1104 dated Jowai the 11<sup>th</sup> 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 9<sup>th</sup> 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 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 9<sup>th</sup> 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 pillar 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.

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

### 2.3 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. 78 G/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 25<sup>th</sup> January 2018<sup>1</sup> 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 18<sup>th</sup> 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 30<sup>th</sup> 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 16<sup>th</sup> 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 pillar 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.

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

#### **2.4 Proposal No. SIA/ML/MIN/246335/2021 submitted by Smt. Langspah Tymmenieng (M/S Shloit-B Limestone Mine)**

The Project Proponent, Smt. Langspah Tymmenieng 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. 78 O/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 25<sup>th</sup> 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 5<sup>th</sup> November, 2021 and Letter of Intent vide No.KH/8/ML/Limestone/68/3911 dated Shillong the 8<sup>th</sup> 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 17<sup>th</sup> 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 6<sup>th</sup> 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 pillar 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.

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

### **2.5 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 Jaiñtia Hills, Meghalaya and toposheet Survey of India No. 83 C/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 16<sup>th</sup> September, 2021 at Byndihati, East Jaiñtia Hills District and certified by the Public notary, East Jaiñtia Hills, Khliehriat Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Jaiñtia Hills Territorial Division, vide letter No.JH/IR/I.S/F.C/2021-22/985/B/1007 dated Jowai, the 22<sup>nd</sup> September, 2021 and Letter of Intent vide No.JH/R.S/L.S/M.L/2021-22/B/1066 dated Jowai the 1<sup>st</sup> 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 24<sup>th</sup> 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 24<sup>th</sup> 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 pillar 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.

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

## **2.6 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 hectare. 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 Jaiñtia Hills, Meghalaya and toposheet Survey of India No. 83 C/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.JHADDC/REV/LHC/18/156/08 dated Jowai the 24<sup>th</sup> August 2010 issued by the Revenue Officer, Jaiñtia Hills Autonomous District Council.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Jaiñtia Hills Territorial Division, vide letter No. JH/IR/L.S/F.C/2021-22/985/B/1225 dated Jowai, the 3<sup>rd</sup> November, 2021 and Letter of Intent vide No.JH/D.D/ML/L.S/2021-22/B/1329 dated Jowai the 19<sup>th</sup> 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 5<sup>th</sup> 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 5<sup>th</sup> 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 pillar 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.

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

### **2.7 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 hectare. 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 Jaiñtia

Hills, Meghalaya and toposheet Survey of India No. 83 C/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 31<sup>st</sup> August, 2021 certified by the Additional Deputy commissioner, East Jaiñtia Hills, Khliehriat Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Jaiñtia Hills Territorial Division, vide letter No.JH/IR/F.C/2021-22/985/B/1115 dated Jowai, the 12<sup>th</sup> October, 2021 and Letter of Intent vide No.JH/L.S/M.L/L.S/2021-22/B/1309 dated Jowai the 16<sup>th</sup> 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 5<sup>th</sup> 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 5<sup>th</sup> 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 obtained, 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 pillar 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.

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

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

The Project Proponent, Shri. Micky Passah submitted online application vide proposal No.SIA/ML/MIN/232466/2021 for Environmental Clearance for Shyntusorha Limestone Mine of for an area of 4.96 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 Shyntusora/Alekwareng Langrin Syiemship, South West Khasi Hills, Meghalaya and toposheet Survey of India No. 78 O/4 within the following GPS Coordinates:

| Pillar No | GPS Coordinates |                |
|-----------|-----------------|----------------|
|           | Latitude        | Longitude      |
| 1         | 25°12'45.89"N   | 91°13'46.89" E |
| 2         | 25°12'44.40"N   | 91°13'52.80" E |
| 3         | 25°12'51.60"N   | 91°13'56.16" E |
| 4         | 25°12'54.12"N   | 91°13'52.56" E |
| 5         | 25°12'53.54"N   | 91°13'49.31" E |

The proposed mining area is on lease for a period of 25 years vide Lease Deed certified by Public Notary, East Khasi Hills, Meghalaya on the 2<sup>nd</sup> day of July 2019.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, SF & Territorial Division, West & South West Khasi Hills, vide letter No.T/WSW/20/NOC(L)/644-

648dated Nongstoin the 8<sup>th</sup> October, 2020 and Letter of Intent vide No.T/W&SW/20-21/LS/ML/116/679 dated Nongstoin the 16<sup>th</sup> October, 2020.

The project proponent has obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, vide letter No.DMR/MM/124/2021/13 dated Shillong, the 29<sup>th</sup> September 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 mining plan approved by the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/124/2021/08 dated Shillong, the 11<sup>th</sup> August 2021. The Mining Plan has been prepared to extract limestone at 290138 MTPA with a project cost of Rs. 29.6 Lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mineable reserves would be 4352063 Tonnes with an average annual production of 290138 ( $4352063/15=290138$ ) Tonnes. The average annual production of limestone may be different from annual production of five years plan period. Thus 1451318 Tonnes of the total mineable reserve will be worked out in first five years and the rest quantity of mineable reserve i.e. ( $4352063-1451318$ )=2900745 Tonnes would be exhausted in further 10 years with an average production of 290075 Tonnes/Annum. Therefore, the life of the mine will be 15 years (five years in plan period + ten years in conceptual working period).

### 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 pillar 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.

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

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

The Project Proponent, Shri. Donkupar Sumer submitted online application vide Proposal No. **SIA/ML/MIN/160771/2020** for Environmental Clearance for mining of Boulderstone in an area of 1.60 hectare. The proposal is for mining of boulder stone to be utilised for construction purposes in building and road projects, dams etc. Hence, the project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Ranap Lum Mawtari, Myrdon Sirdarship, Ri Bhoi District, Meghalaya and toposheet Survey of India No.78 O/13 within the following GPS Coordinates:

| Pillar No | GPS Coordinates |                 |
|-----------|-----------------|-----------------|
|           | Latitude        | Longitude       |
| 1         | 25° 47' 43.15"N | 91° 50' 39.05"E |
| 2         | 25° 47' 39.36"N | 91° 50' 36.14"E |
| 3         | 25° 47' 38.32"N | 91° 50' 40.67"E |
| 4         | 25° 47' 41.85"N | 91° 50' 43.02"E |

The proposed land measuring 4 Acres (1.61 ha.) is on lease for 30 years which was executed on 13<sup>th</sup> June 2019 at Nongpoh certified by Sub-Registrar, Nongpoh.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & RiBhoi Territorial Division, Shillong, vide letter No.KH/9/NOC/Stone/41/Pt.V/2055 dated Shillong, the 3<sup>rd</sup> July 2019 and letter of Intent vide letter No.KH/8/ML/Limestone/69/2076 dated Shillong, the 4<sup>th</sup> July 2019.

The project proponent has obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong, Government of Meghalaya, vide letter No.DMR/MM/50/2019/06 dated Shillong, the 4<sup>th</sup> June 2020, where it is mentioned that there is no approved mining plan located within 500 metres radius. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No. DMR/MM/50/2019/734, dated Shillong, the 30<sup>th</sup> July 2019. The Mining plan has been prepared to extract boulder stone at an annual rate of 60,418 tonnes with a project cost of Rs. 16 lakhs and the operations will be open cast with semi-mechanized method of mining.

The mineable reserve is 911607 tonnes with an average annual production of 60774 (911607/10=60774) tonnes. The average annual production of stone may differ from annual production of five years plan period. The production of stone in first 5 years will be 301002 tonnes and the balance mineable reserve of 610605 tonnes will be exhausted in subsequent 10 years at the rate of 61051 tonnes per annum. Thus the life of the mine will be 15 years.

## 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, RiBhoi District, Meghalaya issued vide letter NO.DCRB(LR)5/2017/Pt-II/Rev/496/1084(a) dated 14<sup>th</sup> September, 2020, 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 the 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 pillar 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.

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

## **2.10 Proposal No. SIA/ML/MIN/231722/2021 submitted by Shri. Michel Lyngdoh**

The Project Proponent, Shri Michel Lyngdoh submitted online application vide proposal No.SIA/ML/MIN/231722/2021 for Environmental Clearance for Lumbatai Limestone Mine for an area of 3.30 hectares. The proposal for Quarrying of limestone is to be used for making lime by lime kiln and hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area located at Lumbatai, Mynkre Village, East Jaiñtia Hills District, Meghalaya and Survey of India toposheet No. 83 C/8 within the following GPS Coordinates:



| Pillar No | GPS Coordinates |                |
|-----------|-----------------|----------------|
|           | Latitude        | Longitude      |
| 1         | 25°13'52.67"N   | 92°22'20.95" E |
| 2         | 25°13'52.65"N   | 92°22'20.02" E |
| 3         | 25°13'52.99"N   | 92°22'18.68" E |
| 4         | 25°13'51.85"N   | 92°22'16.80" E |
| 5         | 25°13'52.32"N   | 92°22'16.35" E |
| 6         | 25°13'52.86"N   | 92°22'15.98" E |
| 7         | 25°13'53.56"N   | 92°22'16.13" E |
| 8         | 25°13'54.16"N   | 92°22'16.37" E |
| 9         | 25°13'54.99"N   | 92°22'16.55" E |
| 10        | 25°13'56.69"N   | 92°22'16.69" E |
| 11        | 25°13'59.22"N   | 92°22'17.34" E |
| 12        | 25°13'59.89"N   | 92°22'18.40" E |
| 13        | 25°13'59.88"N   | 92°22'19.47" E |
| 14        | 25°13'59.65"N   | 92°22'20.00" E |
| 15        | 25°13'58.74"N   | 92°22'20.73" E |
| 16        | 25°13'56.90"N   | 92°22'22.80" E |
| 17        | 25°13'56.20"N   | 92°22'23.20" E |
| 18        | 25°13'56.00"N   | 92°22'23.10" E |
| 19        | 25°13'54.50"N   | 92°22'22.50" E |
| 20        | 25°13'52.70"N   | 92°22'21.70" E |

The proposed mining area is on lease for a period of 4 years vide Deed of Lease certified by Sub Registrar, East Jaiñtia Hills, Meghalaya on the 17<sup>th</sup> January 2017.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Jaiñtia Hills Territorial Division, Jowai, vide letter No.JH/S.Quarry/2009-10/476/B/1965 dated Jowai the 30<sup>th</sup> November, 2018 and letter of Intent vide No.JH/MMMCR-2016/2016-17/869/B/2647 dated Jowai, the 27<sup>th</sup> March 2019.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Jowai, Meghalaya vide letter No. DMO-J/11/MM/Mining Plan/2019/25 dated Jowai, the 8<sup>th</sup> August 2019 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 mining plan approved by the Divisional Mining Officer, Directorate of Mineral Resources, Jowai, Meghalaya vide letter No. DMO-J/11/MM/Mining Plan/2019/11 dated Jowai, the 16<sup>th</sup> May 2019. The Mining Plan has been prepared to extract limestone at 90000 MTPA with a project cost of Rs. 22.50 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 29,66,370 tons. The production period of this mining plan will be around 4,30,200 tons in 5 years. The balance reserves will be 25,36,170 tons. If the yearly production target is 90000 tons, then the balance reserves will be sufficient for  $2536170/90000=28.179$  years. Thus total life of the mine is  $5+28.179=33.179$  or say 33 years.

After due screening and examination of all the documents, the SEIAA observed that as per the land documents submitted by the Project Proponent the Lease Agreement for 4(four) years has already expired on 17.01.2021. Hence, it was unanimously decided that ADS is to be sought accordingly.

### 3. Amendment of Environmental Clearance for M/s Star Cement Meghalaya Ltd.

The meeting deliberated on the petition of Star Cement Meghalaya Limited to drop *clause 4 of the Statutory Compliance* as the clause mentions clearances from NBWL and DFO,

Wildlife concerned. As the area in question is outside the Eco-sensitive Zone, the clause shall be replaced with the following – ***“The CWLW, Meghalaya will formulate the modalities for preparation and implementation of a Regional Conservation Plan to prevent, minimize and mitigate impacts of development projects on wildlife and their habitat in East Jaintia Hills District Meghalaya and the PP shall contribute towards the implementation of the same.”***

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


  
Chairman  
SEIAA  
Meghalaya, Shillong.

**Memo. No. ML/SEIAA/Meeting/ Vol.IV/53/2021**

**Dated Shillong the     June' 2022**

Copy to :

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

  
Member Secretary  
SEIAA  
Meghalaya, Shillong