



# STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

## :: SEIAA: MEGHALAYA ::

'Silviculture Building' (Adjacent Sylvan House), Lower Lachumiere, Shillong- 793 001

Email :ms.seiaamegh@gmail.com.

## MINUTES OF THE SEIAA MEETING

DATE OF THE MEETING : 01<sup>st</sup> September, 2020

TIME :at 1 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. ShriW.Manner, IFS, CCF, SF & E .....Member Secy. SEIAA

Shri T.T.C. Marak, Chairman presided over the meeting. At the outset, the Chairman welcomed the Members and then requested the Member Secretary to present the Agenda points for discussion.

**Agenda 1 : Proceedings of the last SEIAA's Meeting :** The Member Secretary apprised the members about the action take on the decision arrived at in the last SEIAA meeting held on 10<sup>th</sup> Aug., 2020 and circulated the minutes of the said meeting. The meeting approved the actions taken and confirmed the Proceedings.

The Member Secretary placed the following applications along-with theirs' attachments including a copy of the Proceedings of SEAC's meeting held on 10<sup>th</sup> to 11<sup>th</sup> August, 2020 before the meeting and briefed the Members about these projects.

### **Agenda 2 : Online Applications for grant of Environmental Clearance**

2. (1)Proposal No.SIA/ML/MIN/153295/2020 : online EC application applied by ShriKartush R. Marak for Brick Earth Mining for an area of 0.70 ha.,located at Makkaburipara, Jatrakona, P.O. Gasuapara, Baghmara, South Garo Hills District, Meghalaya.

### **Deliberations and observations in the Meeting :**

- Shri Kartush R. Marak applied online for Brick Earth Mining for an area of 0.70 ha.,located at Makkaburipara, Jatrakona, P.O. Gasuapara, Baghmara, South Garo Hills District, Meghalaya.
- The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West, South & South-West Garo Hills (Territorial) Division, Tura issued vide letter No.B/16/VII/ NOC/MMMCR/33 dated Tura the 17th January 2018.

- The proposed land measuring for 0.70 hectare is on lease for 30 years as stated in the Mining Plan and the PP submitted a Periodic Lease Patta No. 70 issued by the Garo Hills Autonomous District Council. The proposal is for mining of brick earth used for construction purposes and hence the project falls under Schedule I(a) of category B2 of EIA Notification 2006. As per the Non Forest Land certificate, the kml file and the approved mining plan duly examined by SEAC, Meghalaya the project falls under toposheet Survey No.78K/12 within the following GPS Coordinates:

Pillar	CO-ORDINATES	
	Latitude	Longitude
1	25° 12' 11.6"N	90° 16' 49.7"E
2	25° 12' 11.4"N	90° 16' 51.5"E
3	25° 12' 07.4"N	90° 16' 49.9"E
4	25° 12' 08.8"N	90° 16' 48.1"E

- The project proponent submitted the mining plan approved by the office of the Divisional Mining Officer, East Garo Hills issued vide letter No.DMO-W /MP /29/2019/118 dated Williamnagar, the 29th October 2019. The Mining Plan has been prepared to extract brick earth at an annual rate of 6250 MT with a project cost of Rs. 0.080 Crores. The operations will be excavated by conventional manual method of open cast mining through the formation of safe benches/trenches which will be manual and on single shift basis. Benches are to be formed and worked in a top to downward manner and because of the presence of loose mass, the hand held tools will be used to excavate the brick earth. The mineable reserves are of the order of 49400 tonnes.
- The production in the period of the mining plan will be around 31,250 tonnes in 5 years and the balance reserves will be sufficient for 18150/6250 MT (approx. 2.9 years). The Mine falls within the parameter of the District Survey Report related to South Garo Hills.
- The project proponent obtained a cluster certificate from the office of the Divisional Mining Officer, East Garo Hills issued vide letter No. DMO-W /MP /15/2019 /134 dated Shillong the 4th December 2019 certified that there is no approved mining plan located within 500 metres of the applied mining lease. The project proponent submitted that 0.1 hectare for afforestation as a green belt with different indigenous species. And amount of Rs 149900/- will be spent for environmental protection activities.
- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 10<sup>th</sup> & 11<sup>th</sup> August, 2020. The Minutes of the SEAC's Meeting was uploaded on 24<sup>th</sup> August, 2020 and as per the Agenda- 3, the SEAC recommended for grant of EC to this project,.

#### RECOMMENDATION :

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant Environment Clearance to the project. Accordingly, Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent



amendments, subject to strict compliance of the terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.

- Member Secretary to prepare a draft EC for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.

**2. (2) : Proposal No. SIA/ML/MIN/154059/2020 for Environmental Clearance for mining of boulderstone for an area of 2.10 hectare located at Rochonpara, P.O Dhanua & P.S Tura, West Garo Hills District, Meghalaya applied online by Bothme Ch. Marak.**

**Deliberations and observations in the Meeting :**

- The Project Proponent Shri. Bothme Ch Marak, submitted online application vide proposal No.SIA/ML/MIN/153059 for Environmental Clearance for mining of boulderstone for an area of 2.10 hectare located at Rochonpara, P.O Dhanua& P.S Tura, West Garo Hills District, Meghalaya
- The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West, South & South West Garo Hills Territorial Division, Tura vide letter No.B/16/VII/ NOC/ MMMCR/4771-73 dated Tura the 22nd Oct 2019
- The proposed land measuring for 2.10 hectare is on lease for 30 years was registered on 31st May 2017 at DC Office and falls under Schedule I(a) of category B2 of EIA Notification 2006, Tura. As per the Non Forest Land certificate, the kml file and the approved mining plan duly examined by SEAC, Meghalaya the project falls under toposheet Survey of India No. 78G/14 within the following GPS Coordinates:

Pillar No	Latitude	Longitude
1	25°40'49"N	89°56'43"E
2	25°40'51"N	89°56'49"E
3	25°40'52"N	89°56'51"E
4	25°40'52"N	89°56'53"E
5	25°40'55"N	89°56'52"E
6	25°40'50"N	89°56'42"E

- The project proponent submitted approved mining plan by the Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, vide letter no. DMO-W /MP /6/2019 /138 dated Williamnagar, the 17<sup>th</sup> December 2019. The Mining Plan has been prepared to extract boulder stone at 60883 TPA with a project cost of Rs. 20 Lakhs and the operations will be open cast, semi-mechanized method of mining. The total mineable reserve would be 609250 Tonnes with an average annual production of 609250 (609250/10=60925) Tonnes and production of stone in first 5 years will be 303183 Tonnes. The average annual production of stone may be different from the annual production of first 5 years and the balanced mineable reserve for last 5 years would be 306067 Tonnes. So

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life of the mine will be 10 years and falls within the parameter of the District Survey Report related to West Garo Hills District .

- The project proponent has obtained a Cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, vide letter No. DMO-W/ MP/ 15/2019/172 dated Williamnagar, the 21st February 2020. There it was mentioned that there are 3(three) approved mining plans located within 500 metres with only a total area of 4.6 hectare and as per Appendix - XI of the Ministry of Environment, Forest and Climate Change Notification No.S.O.3977(E) dated New Delhi, the 14th August 2018, the proposed area is under 5 hectare.
- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 10<sup>th</sup>& 11<sup>th</sup> August, 2020. The Minutes of the SEAC's Meeting was uploaded on 24<sup>th</sup> August, 2020 and as per the Agenda- 4, the SEAC recommended for grant of EC to this project,.

#### RECOMMENDATION :

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant Environment Clearance to the project. Accordingly, Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.
  - Member Secretary to prepare a draft EC for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.
2. (3) Proposal No. SIA/ML/MIN/38610/2019 for Environmental Clearance for mining of boulderstone for an area of 0.69 hectare located at Rochonpara, P.O.-Dhanua, P.S -Tura, West Garo Hills District, Meghalaya applied online by Shri Dingrin Marak.

#### Deliberations and observations in the Meeting :

- The Project Proponent Shri Dingrin Marak, submitted the above online application for Environmental Clearance for mining of boulderstone for an area of 0.69 hectare area located at Rochonpara, P.O.-Dhanua, P.S -Tura, West Garo Hills District, Meghalaya.
- The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West, South & South West Garo Hills Territorial Division, Tura vide letter No.B/16/VII/NOC/MMMCR/2591/93 dated Tura the 29th June 2018.
- The proposed land is on lease for 10 years was executed on 17th August 2017 and registered at D.C. Office, Tura, District Registrar. The project falls under Schedule I(a) of category B2 of EIA Notification 2006 As per the Non Forest Land certificate, the kml file and the approved mining plan duly examined by SEAC, Meghalaya the project falls under toposheet Survey of India No. 78G/14 within the following GPS Coordinates :

Pillar	CO-ORDINATES	
	Latitude	Longitude
1	25°41'27.57"N	89°56'08.99"E
2	25°41 '29. 70"N	89°56'07.04"E
3	25°41'31.72"N	89°56'09.93"E
4	25°41 '29.11 "N	89°56'10.71"E

- The project proponent has obtained a Cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, vide letter No. DMO-W/MP/15/2019/183 dated Williamnagar, the 27<sup>th</sup> February 2020. There it is mentioned that there are 3(three) approved mining plans located within 500 metres. Hence the proposed mining area fall under cluster category B2 with a total area of 2. 7 hectare, vide Appendix - XI of the Ministry of Environment, Forest and Climate Change Notification No.S.O.3977(E) dated New Delhi, the 14thAugust 2018.
- The Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, vide letter no. DMO-W/MP/4/2019/20 dated Williamnagar, the 8th May 2019, approved the mining plan for this project. The Mining Plan has been prepared to extract boulder stone at 38,808 TPA with a project cost of Rs.10 Lakhs and the operations will be open cast, semi-mechanized method of mining. The total mineable reserve would be 3,84,888Tonnes with an average annual production of (384888/10=38489) Tonnes and production of stone in first 5 years will be 178741 Tonnes. The average annual production of stone may be different from the annual production of first 5 years and the balanced mineable reserve for last 5 years would be 2,06,147 Tonnes. So life of the mine will be 10 years, fall within the parameter of the District Survey Report related to West Garo Hills District.
- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 10<sup>th</sup>& 11<sup>th</sup>August, 2020. The Minutes of the SEAC's Meeting was uploaded on 24<sup>th</sup> August, 2020 and as per the Agenda- 5, the SEAC recommended for grantof EC to this project,.

#### RECOMMENDATION :

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant Environment Clearance to the project. Accordingly, Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.
- Member Secretary to prepare a draft EC for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.

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2. (4). Proposal No.SIA/ML/MIN/152971/2020 for EC for mining of limestone for an area of 0.33 hectare, located at Mawmasi, Elaka Mawlong, East Khasi Hills applied online by Smt. Rejoice Chyne.

**Deliberations and observations in the Meeting :**

- The Project Proponent Smt. Rejoice Chyne, submitted online application vide proposal above for grant of Environmental Clearance for mining of limestone for an area of 0.33 hectare to be used for construction purposes located at Mawmasi, ElakaMawlong, East Khasi Hills.
- The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi (T) Division, Shillong issued vide letter No.KH/8/NOC/ Limestone/ 41/Pt.IV/6929 dated Shillong, the 13th February 2019.
- The land is owned by PP and Declaration for the same was certified by the Notary on 3<sup>rd</sup> June, 2020. The project falls under Schedule I(a) of category B2 of EIA Notification 2006 As per the Non Forest Land certificate, the kml file and the approved mining plan duly examined by SEAC, Meghalaya the project falls under toposheet Survey of India No 780/16 within the following GPS Coordinates:

Pillar No	Latitude	Longitude
1	25°11'55.34"N	91 °41'46.17"E
2	25°11'56.73"N	91 °41'43.92"E
3	25°11'57.29"N	91 °41'44.37"E
4	25°11 '57.10"N	91 °41'44.87"E
5	25°11'57.70"N	91 °41'45.33"E
6	25°11'57.79"N	91 °41'46.41"E
7	25°11'55.94"N	91 °41'46.59"E
8	25°11'55.62"N	91 °41'46.45"E

- The project proponent obtained a Cluster certificate from the office of the 1 Mining Engineer, Directorate of Mineral Resources issued vide letter No.DMR/MM/65/2019/1237 dated Shillong the 17th October 2019 certified that there is only one approved mining plan located within 500 metres of the applied mining lease of which the total area is less than 5 Ha.
- The project proponent submitted the mining plan approved by the office of the Director, Mineral Resources, Meghalaya issued vide letter No.DMR/MM/65/2019/1106 dated Shillong, the 24 September 2019. The Mining Plan has been prepared to extract Lime stone at a maximum of 14,450 MT per annum and the project cost is Rs.8,50,000 and the operations will be open cast, semi-mechanized method of mining. As per the Mining Plan, the mineable reserves of the lime stone is 73,700 tonnes and the production during the plan period of 5 years is 70,620 tonnes. Hence, the balance of reserves after plan period is 3,080 tonnes of which with the rate of production of 14,450 TPA, the reserves is sufficient for only 21 years. The total life of the mine is 5.21 or say 6 years. The Mine falls within the parameter of the District Survey Report related to East Khasi Hills.

- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 10<sup>th</sup> & 11<sup>th</sup> August, 2020. The Minutes of the SEAC's Meeting was uploaded on 24<sup>th</sup> August, 2020 and as per the Agenda- 6, the SEAC recommended for grant of EC to this project,.

#### RECOMMENDATION :

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant Environment Clearance to the project. Accordingly, Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.
- Member Secretary to prepare a draft EC for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.

**2. (5) Proposal No. SIA/ML/MIN/154413/2020 for Environmental Clearance for mining of boulderstone for an area of 0.497 hectares located at Synkienprah, Swer Village, East Khasi Hills District, Meghalaya submitted online by Shri. Hanbor Khongtani.**

#### Deliberations and observations in the Meeting :

- The Project Proponent Shri. Hanbor Khongtani, submitted online application vide proposal above for Environmental Clearance for mining of boulderstone for an area of 0.497 for construction purposes. It located at Synkienprah, Swer Village, East Khasi Hills District, Meghalaya.
- The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi Territorial Division, Shillong vide letter No.KH/9 /NOC/STONE/41/Pt.V /6 7 40 dated Shillong the 08th February 2019 and letter of Intent vide No.KH/8/QUARRY PERMIT/Stone/6763 Dated Shillong the 08th February 2019.
- The proposed land measuring for 0.497 hectare is on lease for 8 years was executed on 20th September 2018 at Shillong and certified by the Notary Officer, East Khasi Hills District .The project falls under Schedule I(a) of category B2 of EIA Notification 2006 and as per the Non Forest Land certificate, the kml file and the approved mining plan duly examined by SEAC, Meghalaya the project falls under toposheet Survey of India No. 780/15, within the following GPS Coordinates:

Pillar	CO-ORDINATES	
	Latitude	Longitude
1	25°24'48.1"N	91 °48'34.5" E
2	25°24'49.9" N	91 °48'33.5" E
3	25° 24' 50.7" N	91 °48'36.3" E
4	25°24'49.2" N	91 °48'37.5" E

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- The project proponent submitted approved mining plan by the office of the Director Mineral Resources Government of Meghalaya, vide letter no. DMR/MM/48/2019 /14 72 dated Shillong the 21st November 2019. The Mining Plan has been prepared to extract boulder stone at 20,000 TPA with a project cost of Rs17 lakhs and the operations will be open cast, semi-mechanized method of mining. The Mine falls within the parameter of the District Survey Report related to East Khasi Hills.
- The project proponent has obtained a cluster certificate from office of the Director, Mineral Resources Government of Meghalaya vide letter No.DMR/MM/48/2019 /1635 Dated Shillong the 16th December 2019. Where it is mentioned that there is no approved mining plan located within 500 metres.
- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 10<sup>th</sup>& 11<sup>th</sup> August, 2020. The Minutes of the SEAC's Meeting was uploaded on 24<sup>th</sup> August, 2020 and as per the Agenda- 7, the SEAC recommended for grant of EC to this project after site verification on 18<sup>th</sup> August, 2020.

#### RECOMMENDATION :

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant Environment Clearance to the project. Accordingly, Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.
- Member Secretary to prepare a draft EC for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.

#### 2. (6) Proposal No. SIA/ML/MIN/43279/2019 for Environmental Clearance for mining of boulderstone for an area of 1.25 hectares located at Amjowshrei, Puran Sukubaria, Jirang, Ri Bhoi District, Meghalaya submitted online by Shri Welbi Syiemphlang.

#### Deliberations and observations in the Meeting :

- The Project Proponent Shri Welbi Syiemphlang submitted the online application above for Environmental Clearance for mining of boulderstone for an area of 1.25 hectares located at Amjowshrei, Puran Sukubaria, Jirang, Ri Bhoi District, Meghalaya.
- The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi (T) Division, Shillong vide letter No.KH/9/NOC/Stone/41/Pt.V/6694 dated Shillong, the 5th February 2019.
- The proposed land is owned by the Project Proponent vide Deed of Declaration made on the 20th July 2017 and certified by Sub-Registrar, Nongpoh. The project falls under Schedule I(a) of category B2 of EIA Notification 2006 and as per the Non Forest Land certificate, the kml

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file and the approved mining plan duly examined by SEAC, Meghalaya the project falls under toposheet Survey of India No.78O/9 within the following GPS Coordinates:

Pillar	CO-ORDINATES	
	Latitude	Longitude
1	25° 59' 56.37"N	91 ° 34' 09.42"E
2	25° 59' 59.51"N	91 ° 34' 06.21"E
3	25° 00' 00.30"N	91 ° 34' 10.92"E
4	25° 59' 56.45"N	91 ° 34' 12.55"E.

- The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/24/2019/237, dated Shillong, the 16th May 2019. The Mining plan has been prepared to extract boulder stone at an annual rate of 40,000 MT with a project cost of Rs. 45.00 lakhs and the operations will be open cast, semi-mechanized method of mining.
- As per the Mining Plan, the mine has a measured mineable reserves excluding safety barrier of 10,28,737 MT but after leaving residual benches, the net total mineable reserves comes to 4,51,749 MT. As the mine is targeted to produce 40,000 MT per annum and taking 300 as the average number of working days per annum, the anticipated life of mine will be 11.29 years say 12 years. The mine falls within the parameter of the District Survey Report related to Ri Bhoi District.
- The project proponent has obtained a cluster certificate from office of the Mining Engineer, Directorate Mineral Resources Government of Meghalaya vide letter No.DMR/MM/24/2019/08 dated Shillong the 23rd March 2020 where it is mentioned that there four other approved mining plans located within 500 metres of the Mining lease area and the total of all is less than 5 Hectares.
- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 10<sup>th</sup> & 11<sup>th</sup> August, 2020. The Minutes of the SEAC's Meeting was uploaded on 24<sup>th</sup> August, 2020 and as per the Agenda- 8, the SEAC recommended for grant of EC to this project,.

#### RECOMMENDATION :

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant Environment Clearance to the project. Accordingly, Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.
- Member Secretary to prepare a draft EC for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.

**2. (7) : ProposaNo.SIA/ML/MIN/39762/2019 for Environmental Clearance for mining of boulderstone for an area of 0.818 hectare located at Wahiasieh, Sohmynting, West Jaintia Hills District, Meghalaya submitted online by Shri Jlan Kuper Roy Rymbai.**

**Deliberations and observations in the Meeting :**

- The Project Proponent Shri. JlanKuper Roy Rymbai, submitted online application vide proposal above for Environmental Clearance for mining of boulderstone for an area of 0.818 hectare and located at Wahiasieh, Sohmynting, West Jaintia Hills District, Meghalaya.
- The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Jaintia Hills Territorial Division, Jowai vide letter No.JH/S.Quarry/2009-10/476/B/2245 dated Jowai, the 12th March 2018.
- The proposed land is on lease for 15 years, executed on 1st December 2017 at Jowai and certified by Sub-Registrar. The project falls under Schedule I(a) of category B2 of EIA Notification 2006 and as per the Non Forest Land certificate, the kml file and the approved mining plan duly examined by SEAC, Meghalaya the project falls under toposheet Survey of India No.83C/3within the following GPS Coordinates:

Pillar No	Latitude	Longitude
1	25° 27' 34.7"N	92° 07' 58.4"E
2	25° 27' 34.5"N	92° 07' 56.7"E
3	25°27'35.5"N	92° 07' 56.7"E
4	25° 27' 38.8"N	92° 07' 58.2"E
5	25° 27' 36.8"N	92° 08' 0.8"E

- The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/167/2018/1727-A, dated Shillong, the 10th Jan 2019. The Mining plan has been prepared to extract boulder stone at an annual rate of 20,000 MT. The quarry has been planned for a production of 80 TPD and the quarry working will be based on open cast, semi-mechanized method of quarrying. The mine has a mineable proved and probable reserves of 1,15,221 MT. The mine is targeted to produce 20000 MT of boulders per annum. On this basis, the anticipated life of the mine will be 5.76 years, say 6 years. The rated daily production will be 80 TPD, fall within the parameter of the District Survey Report related to West Jaintia Hills District.
- The project proponent has obtained a cluster certificate from the Divisional Mining Officer, West Jaintia Hills, Jowai, Government of Meghalaya, vide letter No.DMO-J/31/MM/Mining Plan/2019/77 dated Jowai, the 27th February 2020. Where it is mentioned that there no approved mining plan located within 500 metres.
- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 1<sup>0th</sup> & 1<sup>1th</sup> August, 2020. The Minutes of the SEAC's Meeting was uploaded on 2<sup>4th</sup> August, 2020 and as per the Agenda- 10, the SEAC recommended for grant of EC to this project,.

**RECOMMENDATION :**

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to

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this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant Environment Clearance to the project. Accordingly, Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.

- Member Secretary to prepare a draft EC for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.
2. (8) Proposal No. SIA/ML/MIN/37685/2019 for Environmental Clearance for mining of boulder stone for an area of 1.17 hectare for construction purposes, located at Aguragre area, West Garo Hills District, Meghalaya submitted online by Shri. Andreas T. Sangma

#### **Deliberations and observations in the Meeting :**

- The Project Proponent Shri. Andreas T Sangma, submitted online application vide proposal No.SIA/ML/MIN/37685/2019 for Environmental Clearance for mining of boulder stone for an area of 1.17 hectare for construction purposes located at Aguragre area, West Garo Hills District, Meghalaya.
- The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West, South & South West Garo Hills Territorial Division, Tura vide letter No.B/16/VII/NOC/MMMCR/4793-95 dated Tura the 4th December 2018.
- The proposed land measuring for 1.17 hectare is on lease for 20 years which was executed on 16th March 2018 at Tura. The project falls under Schedule I(a) of category B2 of EIA Notification 2006. As per the Non Forest Land certificate, the kml file and the approved mining plan duly examined by SEAC, Meghalaya the project falls under toposheet Survey of India No. 78K/6 within the following GPS Coordinates:

Pillar No	Latitude	Longitude
1	25°35'25.80"N	90°18'24.00"E
2	25°35'26.60"N	90°18'20.90"E
3	25°35'25.10"N	90°18'20.80"E
4	25°35'24.00"N	90°18'21.90"E
5	25°35'22.00"N	90°18'25.30"E
6	25°35'22.10"N	90°18'27.30"E

- The project proponent submitted approved mining plan by the Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, vide letter no. DMO-W /MP /12/2019 /36 dated Williamnagar, the 22nd May 2019.
- The Mining Plan has been prepared to extract boulder stone at 30481 TPA with a project cost of Rs15 Lakhs and the operations will be open cast, semi-mechanized method of mining. The total mineable reserve would be 303422 Tonnes with an average annual production of 30342 (303422/10= 30342) Tonnes and production of stone in first 5 years will be 151640 Tonnes. The average annual production of stone may be different from the

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annual production of first 5 years and the balanced mineable reserve for last 5 years would be 15 1782 Tonnes. So life of the mine Page 14 of 25 will be 10 years, and falls within the parameter of the District Survey Report related to West Garo Hills District.

- The project proponent has obtained a Cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, vide letter No.DMO-W/MP/15/2019/92 dated Williamnagar, the 30th August 2019. There it is mentioned that there is no approved mining plan located within 500 metres from the periphery of the Mining lease area. The project fall under Schedule I(a) of category B2 of EIA Notification 2006.
- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 10<sup>th</sup> & 11<sup>th</sup> August, 2020. The Minutes of the SEAC's Meeting was uploaded on 24<sup>th</sup> August, 2020 and as per the Agenda- 11, the SEAC recommended for grant of EC to this project only after furnishing the duly register land documents to SEIAA.

#### RECOMMENDATION :

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant Environment Clearance to the project. Accordingly, Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.
- Member Secretary to prepare a draft EC for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.

**2. (9) Proposal No. SIA/ML/MIN/153946/2020 for Environmental Clearance for mining of Limestone for an area of 0.92 hectares for construction purposes, located at Umsaw, Umplu, Lynti Dkhar area, Sohbar Sirdarship, East Khasi Hills District, Meghalaya submitted online by Shri Toris Tymmenniang.**

#### Deliberations and observations in the Meeting :

- The Project Proponent Shri.Toris Tymmenniang, submitted online application vide proposal above for Environmental Clearance for mining of Limestone for an area of 0.92 hectares for construction purposes, located at Umsaw, Umplu, Lynti Dkhar area, Sohbar Sirdarship, East Khasi Hills District, Meghalaya.
- It is a non-forest land as per the Non Forest Land certificate issued by the Divisional Forest Officer, East Khasi Hills & Ri-Bhoi (T) Division, Shillong vide letter No.KH/8/NOC/Limestone/41/Pt.IV /3550 Page 15 of 25 dated Shillong, the 23<sup>rd</sup> August 2019.
- The proposed land is owned by the Project Proponent vide Deed of Declaration made on the 19<sup>th</sup> August 2019 and certified by Notary Public. The project fall under Schedule I(a) of

category B2 of EIA Notification 2006. As per the Non Forest Land certificate, the kml file and the approved mining plan duly examined by SEAC, Meghalaya the project falls under toposheet Survey of India No. 780 /16 within the following GPS Coordinates:

Pillar No	Latitude	Longitude
1	25° 11' 12.30"N	91 ° 45' 37.50"E
2	25° 11' 11.60"N	91 ° 45' 35.20"E
3	25° 11' 14.60"N	91 ° 45' 36.90"E
4	25° 11' 16.40"N	91 ° 45' 38.40"E
5	25° 11' 16.60"N	91 ° 45' 38.90"E
6	25° 11' 15.32"N	91 ° 45' 38.85"E
7	25° 11' 14.83"N	91 ° 45' 39.08"E
8	25° 11' 14.70"N	91 ° 45' 40.40"E
9	25° 11' 14.50"N	91 ° 45' 40.20"E
10	25° 11' 14.10"N	91 ° 45' 40.90"E

- The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/64/2019/955, dated Shillong, the 30th August 2019.
- The Mining plan has been prepared to extract limestone at an annual rate of 30983 MT with a project cost of Rs. 8.00 lakhs and the operations will be open cast, semi-mechanized method of mining. The total mineable reserve would be 3,06,196 Tonnes with an average annual production of (3,06,196/10=30620) Tonnes and production of stone in first 5 years will be 152775 Tonnes. The average annual production of stone may be different from the annual production of first 5 years and the balanced mineable reserve for last 5 years would be 153421 Tonnes. So life of the mine will be 10 years, fall within the parameter of the District Survey Report related to East Khasi Hills.
- 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/64/2019 /1788 dated Shillong. the 27th January 2020. There it is mentioned that there is no approved mining plan located within 500 metres.
- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 10<sup>th</sup> & 11<sup>th</sup> August, 2020. The Minutes of the SEAC's Meeting was uploaded on 24<sup>th</sup> August, 2020 and as per the Agenda- 12, the SEAC recommended for grant of EC to this project.

#### RECOMMENDATION :

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant Environment Clearance to the project.
- Accordingly, Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as stipulated in

"Standard EC.Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.

- Member Secretary to prepare a draft EC for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.

**2. (10) : Proposal No.SIA/ML/MIN/154040/2020 for Environmental Clearance for mining of boulderstone for an area of 0.50 hectare for construction purposes located at Rochonpara, P.O.-Dhanua, P.S - Tura, West Garo Hills District, Meghalaya submitted online by Shri Jebarth Ch. Marak.**

#### **Deliberations and observations in the Meeting :**

- The Project Proponent Shri. Jebarth Ch Marak, submitted online application vide proposal above for Environmental Clearance for mining of boulderstone for an area of 0.50 hectare located at Rochonpara, P.O.-Dhanua, P.S - Tura, West Garo Hills District, Meghalaya.
- The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West, South & South West Garo Hills Territorial Division, Tura vide letter No. B/16/VII/NOC/MMMCR/3651/58 dated Tura the 19th September 2019.
- The proposed land is on lease for 20 years, executed on 31st May 2017 and registered at D.C. Office, Tura, District Registrar. The project falls under Schedule I(a) of category B2 of EIA Notification 2006 and as per the Non Forest Land certificate, the kml file and the approved mining plan duly examined by SEAC, Meghalaya the project falls under toposheet Survey of India No. 78G/14 within the following GPS Coordinates:

Pillar	CO-ORDINATES	
	Latitude	Longitude
1	25°40'57.1"N	89°56'35.8"E
2	25°40'59.8"N	89°56'39.2"E
3	25°41'00.9"N	89°56'38.3"E
4	25°40'58.3"N	89°56'35.4"E.

- The project proponent submitted approved mining plan by the Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, vide letter no. DMO-W/MP/35/2019/109 dated Williamnagar, the 1st October 2019.
- The Mining Plan has been prepared to extract boulder stone at 12768 TPA with a project cost of Rs. 8.00 Lakhs and the operations will be open cast, semi-mechanized method of mining. The total mineable reserve would be 127714 Tonnes with an average annual production of 12771(127714/10=12771) Tonnes and production of stone in first 5 years will be 63621 Tonnes. The average annual production of stone may be different from the annual production of first 5 years and the balanced mineable reserve for last 5 years would be 64093 Tonnes. So life of the mine will be 10 years, and falls within the parameter of the District Survey Report related to West Garo Hills District.
- The project proponent has obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, vide letter No. DMO-W/MP/15/2019/170 dated Williamnagar, the 21st February 2020. There it is mentioned that there are three approved mining plan located within 500 metres. Hence the proposed mining area fall under

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cluster category with a total area of 4.6 hectare and as per Appendix - XI of the Ministry of Environment, Forest and Climate Change Notification No. S.O.3977(E) dated New Delhi, the 14th August 2018, the proposed area is under 5 hectare of cluster category B2.

- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 10<sup>th</sup> & 11<sup>th</sup> August, 2020. The Minutes of the SEAC's Meeting was uploaded on 24<sup>th</sup> August, 2020 and as per the Agenda- 13, the SEAC recommended for grant of EC to this project.

#### RECOMMENDATION :

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant Environment Clearance to the project. Accordingly, Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.
  - Member Secretary to prepare a draft EC for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.
2. (11) Proposal No.SIA/ML/MIN/154251/2020 for Environmental Clearance for mining of boulderstone for an area of 0.94 hectare located at Rochonpara, P.O.-Dhanua, P.S - Tura, West Garo Hills District, Meghalaya submitted online by Shri Jinjin Ch. Marak.

#### Deliberations and observations in the Meeting :

- The Project Proponent Shri Jinjin Ch. Marak, submitted online application vide Proposal No. SJA/ML/MIN/154251/2020 for Environmental Clearance for mining of boulderstone for an area of 0.94 hectare located at Rochonpara, P.O.-Dhanua, P.S - Tura, West Garo Hills District, Meghalaya.
- The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West, South & South West Garo Hills Territorial Division, Tura vide letter No.B/16/VII/NOC/3405 dated Tura the 4th September 2019.
- The proposed land is on lease for 20 years, executed on 31st May 2017 and registered at D.C. Office, Tura, District Registrar. The project fall under Schedule I(a) of category 82 of EIA Notification 2006 and as per the Non Forest Land certificate, the kml file and the approved mining plan duly examined by SEAC, Meghalaya the project falls under toposheet Survey of India No. 78G/14 within the following GPS Coordinates:

Pillar	CO-ORDINATES	
	Latitude	Longitude
1	25°41'06.47"N	89°56'31.19"E
2	25°41'10.84"N	89°56'31.18"E

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3	25°41'10.66"N	89°56'33.90"E
4	25°41'06.39"N	89°56'33.50"E

- The project proponent submitted approved mining plan by the Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, vide letter no. DMO-W/MP/30/2019/110 dated Williamnagar, the 1st October 2019.
- The Mining Plan has been prepared to extract boulder stone at 28728 TPA with a project cost of Rs. 10 Lakhs and the operations will be open cast, semi-mechanized method of mining. The total mineable reserve would be 287563 Tonnes with an average annual production of 28756(287563/10=28756) Tonnes and production of stone in first 5 years will be 143263 Tonnes. The average annual production of stone may be different from the annual production of first 5 years and the balanced mineable reserve for last 5 years would be 144300 Tonnes. So life of the mine will be 10 years, fall within the parameter of the District Survey Report related to West Garo Hills District.
- The project proponent has obtained a Cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, vide letter No.DMO-W /MP /15/2019 /182 dated Williamnagar, the 27th February 2020. There it is mentioned that there are two approved mining plan located within 500 metres. Hence the proposed mining area fall under cluster category with a total area of 2.24 hectare and as per appendix - XI of the Ministry of Environment, Forest and Climate Change Notification No.S.O.3977(E) dated New Delhi, the 14<sup>th</sup> August 2018, the proposed area is under 5 hectare of cluster category B2.
- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 10<sup>th</sup> & 11<sup>th</sup> August, 2020. The Minutes of the SEAC's Meeting was uploaded on 24<sup>th</sup> August, 2020 and as per the Agenda- 14, the SEAC recommended for grant of EC to this project.

#### RECOMMENDATION :

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant Environment Clearance to the project. Accordingly, Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.
  - Member Secretary to prepare a draft EC for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.
- 2. (12) Proposal No.SIA/ML/MIN/156677/2020 for Environmental Clearance for mining of Limestone for an area of 2.88 hectares located at Mawlong, Umtngaw, Mawlong Sirdarship, East Khasi Hills District, Meghalaya submitted online by Shri Kitboklang Khonglah.**

#### Deliberations and observations in the Meeting :

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- The Project Proponent Shri.Kitboklang Khonglah, submitted online application vide proposal above for Environmental Clearance for mining of Limestone for an area of 2.88 hectares located at Mawlong, Umtngaw, Mawlong Sirdarship, East Khasi Hills District, Meghalaya.
- The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi (T) Division, Shillong vide letter No.KH/8/NOC/Limestone/41/Pt.IV /4543 dated Shillong, the 16th October 2019.
- The proposed land measuring for 2.88 hectares is on lease for 30 years. was executed on 21st June 2019 at Shillong as certified by the Notary Public, East Khasi Hills District. The project fall under Schedule I(a) of category B2 of EIA Notification 2006 and as per the Non Forest Land certificate, the kml file and the approved mining plan duly examined by SEAC, Meghalaya the project falls under toposheet Survey of India No. 780 /12within the following GPS Coordinates:

Pillar	CO-ORDINATES	
	Latitude	Longitude
1	25° 10' 42.58"N	91 ° 40' 51.04"E
2	25° 10' 42.62"N	91 ° 40' 49.77"E
3	25° 11' 08.62"N	91 ° 40' 49.47"E
4	25° 11' 08.56"N	91 ° 40' 50.78"E.

- The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/75/2019/1781, dated Shillong, the 24th Jan 2020.
- The Mining plan has been prepared to extract limestone at an annual rate of 1,74,000 MT with a project cost of Rs. 21.5 lakhs and the operations will be open cast, semi-mechanized method of mining. The mine has a mineable proved and probable reserves of 12,30,100 MT. The production in the period of the Mining Plan is 8,25,250 MT in 5 years. The mine is targeted to produce 1,74,000 MT of boulders per annum. The balance reserves will sufficient for 2.33 years. The mine falls within the parameter of the District Survey Report related to East Khasi Hills.
- 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/75/2019/10 dated Shillong, the 11th March 2020. There it is mentioned that there is no approved mining plan located within 500 metres.
- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 10<sup>th</sup>& 11<sup>th</sup>August, 2020. The Minutes of the SEAC's Meeting was uploaded on 24<sup>th</sup> August, 2020 and as per the Agenda- 15, the SEAC recommended for grant of EC to this project.

#### RECOMMENDATION :

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant Environment Clearance to the project.

Accordingly, Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.

- Member Secretary to prepare a draft EC for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.

**2. (13) Proposal No. SIA/ML/MIN/38031/2019 for Environmental Clearance for mining of boulderstone for an area of 0.443 hectare located at village Apaigre, P.O.- Dhanua, West Garo Hills District, Meghalaya submitted online by Shri Growmen Sangma.**

**Deliberations and observations in the Meeting :**

- The Project Proponent Shri Growmen Sangma, submitted online application vide Proposal No. SIA/ML/MIN /38031/2019 for Environmental Clearance for mining of boulderstone for an area of 0.443 hectare.
- The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West, South & South West Garo Hills Territorial Division, Tura vide letter No.B/16/VII/NOC/MMMCR/3677-79 dated Tura the 11th September 2018.
- The proposed land is on lease for 10 years, was executed on 6th September 2017 and registered at D.C. Office, Tura, District Registrar. The project falls under Schedule I(a) of category B2 of EIA Notification 2006 and as per the Non Forest Land certificate, the kml file and the approved mining plan duly examined by SEAC, Meghalaya the project falls under toposheet Survey of India No 78K/6 within the following GPS Coordinates:

Pillar	CO-ORDINATES	
	Latitude	Longitude
1	25°42'02.6"N	89°55'32.6"E
2	25°42'03.8"N	89°55'33.9"E
3	25°42'02.8"N	89°55'34.8"E
4	25° 42' 00.2"N	89°55'32.6"E

- The project proponent submitted approved mining plan by the Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, vide letter no. DMO-W /MP /5/2019 /19 dated Williamnagar, the 8th May 2019.
- The Mining Plan has been prepared to extract boulder stone at 21,403 TPA with a project cost of Rs12 Lakhs and the operations will be open cast, semi-mechanized method of mining. Page 20 of 25 The total mineable reserve would be 1,05,857Tonnes with an average annual production of  $21171(105857/5) = 21171$  Tonnes per year. The average annual production of stone may be different from the annual production of first 5 years and the total mineable reserve will be exhausted within five years of mining. Therefore, the life of the mine will be 5 years. The mine falls within the parameter of the District Survey Report related to West Garo Hills District.

- The project proponent has obtained a Cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, vide letter No.DMO-W /MP /15/2019 /162 dated Williamnagar, the 12<sup>th</sup> February 2020. There it is mentioned that there are another two approved mining plans located within 500 metres. Hence the proposed mining area fall under cluster category with a total area of 2.7 hectare and vide Appendix - XI of the Ministry of Environment, Forest and Climate Change Notification No.S.O.3977(E) dated New Delhi, the 14th August 2018, the proposed area is under 5 hectare of cluster category B2.
- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 10<sup>th</sup> & 11<sup>th</sup> August, 2020. The Minutes of the SEAC's Meeting was uploaded on 24<sup>th</sup> August, 2020 and as per the Agenda- 16, the SEAC recommended for grant of EC to this project.

#### RECOMMENDATION :

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant Environment Clearance to the project. Accordingly, Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.
  - Member Secretary to prepare a draft EC for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.
2. (14) Proposal No. SIA/ML/MIN/43355/2019 for mining of boulderstone for an area of 3.26 hectares located at Pahamsohbar, Dumu Lum Nungklung, Myllem Syiemship, Ri Bhoi District, Meghalaya submitted online by Smt. Sharon Ann Pariat.

#### Deliberations and observations in the Meeting :

- The Project Proponent Smt. Sharon Ann Pariat submitted the online application vide Proposal above for Environmental Clearance for mining of boulderstone for an area of 3.26 hectares, located at Pahamsohbar, Dumu Lum Nungklung, Myllem Syiemship, Ri Bhoi District, Meghalaya.
- The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills and Ri Bhoi Territorial Division, Shillong vide letter No.KH/9/NOC/STONE /41/Pt.V/3800 dt.Shillong the 29th August 2018.
- The proposed land is on lease for 30 years which was certified by the sub-registrar, Nongpoh on 18th May 2018. The project falls under Schedule I(a) of category B2 of EIA Notification 2006 and as per the Non Forest Land certificate, the kml file and the approved mining plan duly examined by SEAC, Meghalaya the project falls under toposheet Survey of India No.83C/2 within the following GPS Coordinates:

Pillar No.	Latitude	Longitude
1	26° 01' 08.88"N	91° 54' 03.78"E
2	26° 01' 07.02"N	91 ° 54' 07.08"E
3	26° 01' 05.10"N	91 ° 54' 09.24"E
4	26° 01' 03.36"N	91 ° 54' 09.18"E
5	26° 01' 00.24"N	91 ° 54' 07.02"E
6	26° 01' 01.20"N	91 ° 54' 03.96"E
7	26° 01' 03.90"N	91 ° 54' 02.94"E
8	26° 01' 07.38"N	91° 54' 02.52"E

- The project proponent submitted the approved mining plan by the office of the Director of Mineral Resources, Meghalaya vide letter No.DMR/MM/05/2018/420 dated Shillong the 10th June 2019. The Mining Plan has been prepared to extract boulder stone at 3,00,430 MT per annum and 13,96,150 MT for 5 years with a project cost of Rs 21,50,000.00 and the operations will be open cast, semi-mechanized method of mining. The production in the period of this mining plan will be around 1396150 tonnes in 5 years with a balance reserves is 2274350 tonnes. The production target is 300000 tones, the balance reserve will sufficient for 7.58 years. Thus the total life of the mine is  $5 + 7.85 = 12.58$  say 13 years. The mine falls within the parameter of the District Survey Report related to RiBhoi District.
- The project proponent has obtained a Cluster certificate from the office of the Director of Mineral Resources, Meghalaya vide letter No.DMR/MM/05/2018/1024 dated Shillong the 6th September 2019, where it is mentioned that there is no approved mining plans located within 500 metres. Hence the proposed mining area does not fall under cluster category.
- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 10<sup>th</sup> & 11<sup>th</sup> August, 2020. The Minutes of the SEAC's Meeting was uploaded on 24<sup>th</sup> August, 2020 and as per the Agenda- 17, the SEAC recommended for grant of EC to this project,.

#### RECOMMENDATION :

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant Environment Clearance to the project. Accordingly, Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.
- Member Secretary to prepare a draft EC for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.

**2..(15). Proposal No. SIA/ML/MIN/43349/2019 for Environment Clearance for mining of boulderstone for an area of 4.8 hectare located at Budugre, Chokpot, District South Garo Hills, Meghalaya, Meghalaya submitted online by Smt. Alpha Marak.**

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### Deliberations and observations in the Meeting :

- The Project Proponent Smt. Alpha Marak, submitted online application vide Proposal No. SIA/ML/MIN/43349/2019 for Environment Clearance for mining of boulderstone for an area of 4.8 hectare located at Budugre, Chokpot, District South Garo Hills, Meghalaya, Meghalaya.
- The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Social Forestry and Territorial Division, Baghmara vide letter No. SF&T /SGH/NOC/STONE/T /25 dated the 7th March 2019.
- The proposed land is on lease for 30 years which was executed on 24th October 2018 and certified by the Notary, Tura West Garo Hills. The project falls under Schedule II(a) of category B2 of EIA Notification 2006 and as per the Non Forest Land certificate, the kml file and the approved mining plan duly examined by SEAC, Meghalaya the project falls under toposheet Survey of India No. 78K/7 within the following GPS Coordinates:

Pillar No	Latitude	Longitude
1	25°22'01.54"N	90°26'06.82"E
2	25°22'04.41 "N	90°26'05.51 "E
3	25°22'08.24"N	90°26'15.64"E
4	25°22'08.26"N	90°26'20.69"E
5	25°22'05.05"N	90°26'20.57"E

- The project proponent submitted approved mining plan by the Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, vide letter no. DMO-W /MP /13/2019 /27 dated Williamnagar, the 10th May 2019.
- The Mining Plan has been prepared to extract boulder stone at 3,50,590 MT per annum and 14,70,170 MT for 5 years with a project cost of Rs 24,50,000.00 and the operations will be open cast, semi-mechanized method of mining. The total mineable reserve would be 3432700 Tonnes with 350590 MT as an average annual production. The balance mineable reserves at the end of the plan period is 1962530 tones, taking the target production per year to 350590 tones, the balance reserve is sufficient for 5.59 years. Thus the present reserves are sufficient for 10.59 (approx. 11 years). The mine falls within the parameter of the District Survey Report related to South Garo Hills District.
- The project proponent has obtained a Cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, vide letter No.DMO-W/MP/15/ 2019/65 dated Williamnagar, the 25th July 2019, where it is mentioned that there is no approved mining plans located within 500 metres. Hence the proposed mining area does not fall under cluster category.
- The Committee observed that the project located approximately 7.96 km aerial distance from the Nokrek National Park but vide the Environment Impact Assessment notification of the Government of India in the erstwhile Ministry of Environment and Forests, No. S.O. 1533(E), dated the 14th September, 2006, and its subsequent amendment from time to time. it was observed that the amendment vide notification No.S.O. 3977(E) dated New Delhi, the 14th August 2018, in the schedule for item 1 (a), 1( c) and the schematic presentation of requirements on Environmental Clearance of minor mineral where it is

mentioned that under I(a), the General Condition is exempted (i) for project or activity of mining of minor minerals of category "82" (up-to 25 hectare of mining lease area).

- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 10<sup>th</sup> & 11<sup>th</sup> August, 2020. The Minutes of the SEAC's Meeting was uploaded on 24<sup>th</sup> August, 2020 and as per the Agenda- 18, the SEAC recommended for grant of EC to this project.

#### RECOMMENDATION :

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant Environment Clearance to the project. Accordingly, Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions as stipulated in "Standard EC Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019.
- Member Secretary to prepare a draft EC for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.

**Agenda 3 : Proposal No.SIA/ML/IND/154944/2020 - Application submitted by Meghalaya Cements Limited for AMENDMENT OF ENVIRONMENTAL CLEARANCE.**

#### Deliberations and observations in the Meeting :

- The Project Proponent submitted an application in the Form 4 for amendment in the Environmental Clearance letter granted earlier, vide letter No. SEIAA/PROJECT-2/2007 /18 dated Shillong, the 25th March 2009 - Expansion of Cement Plant (from 900 TPD - 2600 TPD along with 18 MW Captive Power Plant at Thangskai, Jaintia Hills District.
- The Project proponent desires to amend the point No. 2 of the EC letter which originally states that: It is interalia, noted that the project involves expansion of Cement Plant from 900 TPD to 2600 TPD & 18 MW Captive Power Plant on a plot of existing area of 59.269 ha. The total water requirement is 39329 M3/day.
- The capacity of STP to be installed is 399mgjl. The power requirement is 15 MVA. Total of the project is Rs. 151.05 Crores towards expansion of the Cement Plant and Rs. 80.37 Crores towards the Captive Power Plant totalling an aggregate of Rs. 231.42 Crores.
- As per the application, the PP desires to reduce the existing plot area from 59.269 ha to 52.949 ha by proposing to transfer 15.60 ha. of the total area to different entity (Canis mines) and to increase the green cover/other use.
- MCL has acquired 9.28 ha. land adjacent to the plan area. The total plant area will be 52.949 ha. for which the PP is seeking amendment of EC letter.
- The PP, as required in accordance with the Form 4, submitted the theEC letter granted as mentioned above, EIA Addendum Report for amendment in existing EC letter for 2600 TPD along with 18 MW Captive Power Plant, Revised Feasibility Report (RFR), Compliance Report for the period from April 2019 to September 2019 details of Consent to Operate issued by

TCL

the Meghalaya State Pollution Control Board & the existing Plant layout map of 59.269 ha and Revised Plant Layout map of 52.949 ha and also the transferred plant layout map of 15.60 ha.

- Recommendation After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation of the project, the committee unanimously recommended for amendment of Environment Clearance No. SEIAA/PROJECT-2/2007 /18 dated Shillong, the 25th March 2009, along-with the following additional condition:

(i) The project proponent to create a good and successful plantation in the green belt area of approximately 18 hectares by using indigenous plant species like Michelia Champacca, Castanopsis, Schimawallich, Mesua ferrea, Artocarpus heterophylla preceded by establishing well stocked nurseries of above species in the different plots. The project proponent must accord importance and seriousness to undertake the plantation on mission mode. The plantation so created should act as a model for all the industrial units located within the district. Chairman State Expert Appraisal Committee Meghalaya, Shillong.

- The E.C. proposal above was deliberated by the State Expert Appraisal Committee in its meeting held from 10<sup>th</sup> & 11<sup>th</sup> August, 2020. The Minutes of the SEAC's Meeting was uploaded on 24<sup>th</sup> August, 2020 and as per the Agenda- 19, the SEAC recommended for grant of amendment to the EC No. SEIAA/PROJECT-2/2007 /18 dated Shillong, the 25th March 2009 granted earlier to this project.

#### RECOMMENDATION :

- The State Environment Impact Assessment Authority, Meghalaya, in its meeting held on 1<sup>st</sup> September, 2020 noted the recommendation in the above said SEAC's Minutes relating to this project. Then the SEIAA in the said meeting, unanimously accepted the recommendation of the SEAC and resolved to grant revise the Environment Clearance to the project. Accordingly, revised Environmental Clearance is hereby accorded for the above project on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, subject to strict compliance of the terms and conditions.
- Member Secretary to prepare a draft EC amendment for this project and after the same is checked by all Members of the SEIAA for correction if any, final EC shall be issued by the Member Secretary.

The Meeting ended with a Vote of thank from the Chair.

Memo.No.ML/SEIAA/Meeting/Vol.III/35/2020/27-A

Copy to :

1. The Member, SEIAA, Meghalaya for information.
2. Concerned Project files for record.

  
Chairman, SEIAA, Meghalaya

Dated. Shillong, the 10<sup>th</sup> September, 2020

  
Member Secretary, SEIAA, Meghalaya