

**STATE EXPERT APPRAISAL COMMITTEE (SEAC)**

**:: MEGHALAYA ::**

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

**MINUTES OF 34<sup>th</sup> MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE, MEGHALAYA  
SHILLONG HELD ON 10<sup>th</sup> SEPTEMBER 2020 AND 11<sup>th</sup> SEPTEMBER 2020 FOR ENVIRONMENTAL  
APPRAISAL OF NON-COAL MINING PROJECTS.**

**Members of the Committee and Supporting Staff present:**

Sl.No	Name	Designation	Signature
1	Shri. Nababrata Bhattacharjee	Chairman SEAC	-Sd-
2	Prof.Donkumar Syiem	Member	-Sd-
3	Shri Toiler H.S. Bonney (Rtd) IFS	Member	-Sd-
	Shri. Puhran M. Sangma	Member	-Sd-
4	Shri. Phngain Singh GiriLyngdoh	Member	-Sd-
5	Shri. Hamklet Suchiang, MFS Deputy Conservator of Forest (SF & Env.)	Member Secretary SEAC	-Sd-
6	Shri.Boney Soanes	Supporting Staff	sd

The 34<sup>th</sup> meeting of State Expert Appraisal Committee (SEAC), Meghalaya, Shillong, held for 2 (two) days, one seating per day, on 10<sup>th</sup> September 2020 and 11<sup>th</sup> September 2020 from 11:00 am onward in the Conference Hall, Sylvan House, Meghalaya Shillong. At the outset the Chairman, Shri. Nababrata Bhattacharjee, welcomed all the members of the Committee present and called the meeting to order. He requested the Member Secretary to initiate the discussion as per the agenda circulated vide letter No.ML/SEAC/Meeting/Vol-II/2/2018/33/369 dated Shillong the 8<sup>th</sup> September 2020. All proposed mining areas are cross checked through google earth and some project, located in West Jaintia Hills, Ri Bhoi, East Garo Hills and West Garo Hills District, the committee conduct site visit.

**1. Confirmation of the minutes of the 33<sup>rd</sup> Meeting held on 10<sup>th</sup> and 11<sup>th</sup> August 2020**

The minutes were confirmed.

**2. Action taken report as per the decision taken in the 33<sup>rd</sup> Meeting.**

As decided in the 33<sup>rd</sup> meeting, 15 (Fifteen) number proposal for Environmental Clearance and 1 (one) amendment of Environmental Clearance and 1 ADS (Additional Detail Sought) were recommended to State Environment Impact Assessment Authority, Meghalaya Shillong for onward necessary action from their end.



**DAY 1**

**9<sup>TH</sup> SEPTEMBER 2020**

**ENVIRONMENT CLEARANCE**

**3. Proposal No.SIA/ML/MIN/45580/2019 submitted by Shri Beclean Sutnga**

The Project Proponent Shri Beclean Sutnga, submitted online application vide Proposal No.SIA/ML/MIN/45580/2019 for Environmental Clearance for mining of boulder stone for an area of 2.97 hectare. The proposal is for mining of boulder stone use for construction purposes and hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area located at Pdein Thwailaroit, Elaka Nartiang, District West Jaintia Hills, Meghalaya and toposheet Survey of India No.83C/2 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 33' 17.28"N	92° 11' 13.10"E
2	25° 33' 17.47"N	92° 11' 07.68"E
3	25° 33' 24.80"N	92° 11' 06.63"E
4	25° 33' 21.30"N	92° 11' 11.97"E
5	25° 33' 21.44"N	92° 11' 13.43"E
6	25° 33' 21.26"N	92° 11' 14.85"E

The proposed land measuring 3.20 hectare is on lease for 20 years which was executed on 10<sup>th</sup> July 2018 at Jowai vide Registration No.495.

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/2165 dated Jowai, the 21<sup>st</sup> December 2018 and letter of Intent vide No.JH/MMMCR-2016/2016-17/869/B/1377 dated Jowai the 13<sup>th</sup> May 2019 which subsequently renewed vide letter No.JH/MMMCR-2016/2016-17/869/B/144 dated Jowai the 9<sup>th</sup> June 2020.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Divisional Mining Officer, Jowai, Directorate of Mineral Resources, Meghalaya vide letter No.DMO-1/19/MM/Mining Plan/2019/26 dated Jowai, the 9<sup>th</sup> August 2019.

The Mining plan has been prepared to extract boulder stone for 10,01,300 MT of Boulder stone in five years with a total cost of the project is Rs 20,00,000.00. The quarry working will be based on open cast, semi-mechanized method of quarrying.

The mine has mineable proved and probable reserves of 2346880 MT. The mine is targeted to produce 10,01,300 MT of Boulder stone in five years with a total life of a mine is 19 years, 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-I/19/MM/Mining Plan/2019/32 dated Jowai, the 06<sup>th</sup> September 2019. There it is mentioned that there is no approved mining plan located within 500 metres.

### Observation

The Ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs 20,00,000.00 (Rupees Two Twenty Lakhs), therefore, the CER @ 2 % of the project cost amounts to Rs. 40000.00.(Rupees Forty Thousand)

### 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, the committee unanimously recommended for grant of Environmental Clearance, along with the following additional condition:

(i) The project proponent will have to undertake preventive measures to provide proper and adequate guard drain to check the loose earth, spoils, stone particles etc. from being carried away by rainwater thereby causing siltation of Myntang river flowing at approximate distance of 54 metres from the proposed mining area. Further, toe wall should also be constructed to protect the stack of collected top soil and stones from being washed away by storm water.

### 4. Proposal No.SIA/ML/MIN/43034/2019 submitted by Shri Dapbor S. Syiemiong

The Project Proponent Shri Dapbor S. Syiemiong, submitted online application vide Proposal No. SIA/ML/MIN/43034/2020 for Environmental Clearance for mining of Limestone for an area of 2.37 hectares. The proposal is for mining of limestone use for building and construction purposes and for supply to limestone kilns and hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area located at Arphewsan Miles, Law Lyngngam Tilla, Langrin Syiemship, Mawlong, South West Khasi Hills District, Meghalaya and toposheet Survey of India No.780/4 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
A	25° 12' 53.18"N	91° 13' 22.46"E
B	25° 12' 47.83"N	91° 13' 28.49"E
C	25° 12' 46.21"N	91° 13' 28.22"E
D	25° 12' 45.89"N	91° 13' 27.36"E



E	25° 12' 46.37"N	91° 13' 25.74"E
F	25° 12' 48.42"N	91° 13' 22.66"E
G	25° 12' 50.66"N	91° 13' 19.97"E

The proposed land measuring for 2.37 ha. is on lease for 25 years which was executed on 3<sup>rd</sup> July 2018 at Mawkyrwat as certified by Sub-Registrar, South West Khasi Hills District, Mawkyrwat.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West & South West Khasi Hills Territorial Division, Nongstoin, vide letter No.T/W&SW/20/NOC(L)/561 dated Nongstoin, the 8<sup>th</sup> November 2018 and letter of Intent vide letter No.T/W&SW/26/ML/LS/D.Syierniong/218 dated Nongstoin, the 12<sup>th</sup> March 2020.

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/10/2018/09 dated Shillong, the 8<sup>th</sup> June 2020, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/10/2018/589, dated Shillong, the 5<sup>th</sup> July 2019. The Mining plan has been prepared to extract limestone at an annual rate of 60,000 MT with a project cost of Rs. 70,00,000.00(Rupees Seventy lakhs) and the operations will be open cast, semi-mechanized method of mining.

The mine has a mineable proved and probable reserves (excluding safety barrier) of 17,75,195 MT but after leaving residual benches, the net Total Mineable Reserves comes to 9,04,173 MT. As the mine is targeted to produce 60,000 MT of limestone per annum and taking 300 as the average number of working days per annum, the anticipated life of the mine will be 15 years.

#### **Observation**

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 70 lakhs (Rupees Seventy Lakhs), therefore, the CER @ 2 % of the project Cost amounts to Rs. 1,40,000.00 (Rupees one Lakh Forty Thousand).

#### **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 Environmental Clearance.

#### **5. Proposal No.SIA/ML/MIN/157552/2020 submitted by Shri Wenly Pyrngap**



The Project Proponent Shri Wenly Pyrngap, submitted online application vide Proposal No. SIA/ML/MIN/157552/2020 for Environmental Clearance for mining of Limestone for an area of 2.93 hectares. The proposal is for mining of limestone use construction purposes hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area located at Letein Moolasangi village, East Jaintia Hills District, Meghalaya and toposheet Survey of India No.83C/11 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 21' 29.6"N	92° 33' 00.1"E
2	25° 21' 29.1"N	92° 33' 00.8"E
3	25° 21' 26.9"N	92° 33' 01.4"E
4	25° 21' 26.3"N	92° 33' 01.9"E
5	25° 21' 24.0"N	92° 33' 01.2"E
6	25° 21' 22.3"N	92° 33' 01.9"E
7	25° 21' 21.4"N	92° 33' 01.4"E
8	25° 21' 20.1"N	92° 33' 01.7"E
9	25° 21' 21.3"N	92° 32' 59.5"E
10	25° 21' 21.8"N	92° 32' 56.8"E
11	25° 21' 22.6"N	92° 32' 55.4"E
12	25° 21' 27.2"N	92° 32' 58.1"E

The proposed land is on lease for 20 years which was executed on 1<sup>st</sup> May 2019 at Moolasngi village and certified by Notary, West Jaintia Hills District.

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/2231 dated Jowai, the 5<sup>th</sup> August 2019 and letter of Intent vide letter No.JH/MMMCR-2016/2016-17/869/B/2542 dated Jowai, the 6<sup>th</sup> September 2020, subsequently renewed vide letter No.JH/W.P/2019-20/L.S/ML/B/27 dated Jowai, the 8<sup>th</sup> May 2020.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Shillong, Government of Meghalaya, vide letter No.DMO-/26/MM/Mining Plan/2019/41 dated Jowai, the 19<sup>th</sup> November, 2019, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMO-/26/MM/Mining Plan/2019/38, dated Jowai, the 29<sup>th</sup> October 2019. The Mining plan has been prepared to extract limestone at an



annual rate of 75,480 tons with a project cost of Rs. 13,75,000.00 (Rupees Thirteen lakhs, Seventy Five Thousand) and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves of limestone are of the order of 14,73,000 tons. The production in the period of the mining plan will be around 3,74,280 tons in 5 years. Balance reserves will be (14,73,000-3,74,280) 10,98,720 tons and if the production target is 75,200 tons, the balance reserves will be sufficient for another 14.61 years. Thus the total life of the mine is 19.61 or says 20 years.

### Observation

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 13.75 lakhs (Rupees Thirteen lakhs seventy five thousand), therefore, the CER @ 2 % of the project Cost amount to Rs. 27500.00 (Rupees Twenty Seven Thousand five hundred).

### 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 Environmental Clearance.

(i) The project proponent will have to undertake preventive measures to provide proper and adequate guard drain to check the loose earth, spoils, stone particles etc. from being carried away by rainwater thereby causing siltation of the nearby agricultural field/water bodies from the proposed mining area. Further, toe wall should also be constructed to protect the stack of collected top soil and stones from being washed away by storm water.

### 6. Proposal No.SIA/ML/MIN/138312/2020 submitted by Smt. loobiangmontre Pasi

The Project Proponent Smt. loobiangmontre Pasi, submitted online application vide Proposal No. SIA/ML/MIN/138312/2020 for Environmental Clearance for mining of Limestone for an area of 1.499 hectares. The proposal is for mining of limestone use for construction purposes hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area located at WahRkhiang, Moosiang Lamare, Elaka Rymbai, East Jaintia Hills District, Meghalaya and toposheet Survey of India No.83C/8 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 13' 46.8"N	92° 21' 49.0"E
2	25° 13' 46.2"N	92° 21' 52.8"E
3	25° 13' 44.8"N	92° 21' 52.3"E



4	25° 13' 43.1"N	92° 21' 51.2"E
5	25° 13' 42.5"N	92° 21' 50.4"E
6	25° 13' 41.7"N	92° 21' 49.8"E
7	25° 13' 41.3"N	92° 21' 49.0"E
8	25° 13' 42.0"N	92° 21' 47.9"E
9	25° 13' 43.6"N	92° 21' 48.2"E
10	25° 13' 43.9"N	92° 21' 47.8"E
11	25° 13' 45.4"N	92° 21' 48.2"E

The proposed land measuring 1.499 ha. belongs to the project proponent as per Land Holding Certificate issued by Revenue Officer, Jaintia Hills Autonomous District Council vide letter MEMO.No. JHADC/REV/LHC/14/307/06 dated Jowai, the 4<sup>th</sup> July 2007.

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/1403 dated Jowai, the 16<sup>th</sup> May 2019 and letter of Intent vide letter No.JH/S.Quarry/2009-10/476/B/1629 dated Jowai, the 14<sup>th</sup> June 2019, and vide letter No.JH/S.Quarry/2009-10/476/ML/B/93 dated Jowai, the 21<sup>st</sup> May 2020.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Shillong, Government of Meghalaya, vide letter No.DMO-J/16/MM/Mining Plan/2019/23 dated Jowai, the 7<sup>th</sup> August, 2019, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMO-J/16/MM/Mining Plan/2019/17, dated Jowai, the 18<sup>th</sup> July 2019. The Mining plan has been prepared to extract limestone at an annual rate of 75,750 tons with a project cost of Rs. 17 lakhs (Rupees Seventeen lakhs) and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves of limestone are of the order of 9,78,400 tonnes. The production in the period of the mining plan will be around 3,55,170 tons in 5 years. Balance reserves will be (9,78,400-3,55,170) 6,23,230 tons and if the production target is 75,050 tons, the balance reserves will be sufficient for another 8.30 years. Thus the total life of the mine is 13.30 or say 14 years.

### Observation

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward.



The Project Proponent submitted that the project cost is Rs. 17 lakhs (Rupees Seventeen lakhs), therefore, the CER @ 2 % of the project Cost amount to Rs. 34000.00 (Rupees Thirty Four Thousand)

### **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 Environmental Clearance.

### **7. Proposal No.SIA/ML/MIN/160765/2020 submitted by Shri Joshua Warjri**

The Project Proponent Shri Joshua Warjri, submitted online application vide Proposal No. SIA/ML/MIN/160765/2020 for Environmental Clearance for mining of Limestone for an area of 1.94 hectares. The proposal is for mining of limestone use in kilns for manufacture of lime used as building materials, hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area located at Mawkhain, Mawlong Sirdarship, East Khasi Hills District, Meghalaya and toposheet Survey of India No.780/12 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 10' 47.7"N	91° 41' 54.1"E
2	25° 10' 44.8"N	91° 41' 52.9"E
3	25° 10' 48.0"N	91° 41' 49.7"E
4	25° 10' 48.5"N	91° 41' 49.9"E
5	25° 10' 48.2"N	91° 41' 48.6"E
6	25° 10' 50.0"N	91° 41' 47.1"E
7	25° 10' 52.5"N	91° 41' 50.4"E

The proposed land measuring for 4.785 Acres (1.94 ha.) is on lease for 30 years which was executed on 15<sup>th</sup> November 2017 at Mawpun-kyrtng, Saitsohpen, Sohra as certified by Notary, Govt. of 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/8/NOC/Limestone/41/Pt.IV/2777 dated Shillong, the 22<sup>nd</sup> July 2019 and letter of Intent vide letter No.KH/8/ML/Limestone/68/2840 dated Shillong, the 26<sup>th</sup> July 2019 and subsequently renewed vide letter No. No.KH/8/ML/Limestone/68/6870 dated Shillong, the 4<sup>th</sup> March 2020.

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/59/2019/08 dated Shillong, the 12<sup>th</sup> June 2020, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.





The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/59/2019/816, dated Shillong, the 7th August 2019. The Mining plan has been prepared to extract limestone at an annual rate of 1,17,774 MT with a project cost of Rs. 20 lakhs (Rupees Twenty Lakhs) and the operations will be open cast, semi-mechanized method of mining.

The mineable reserve is 1170061 tonnes with an average annual production of 117006 (1170061/10=117006) tonnes. The average annual production of limestone may be different from annual production of five years plan period. Thus 586875 tonnes of the total mineable reserve will be worked out in first 5 years and the balance mineable reserve i.e. 583186 tonnes will be mined out in subsequent at the rate of 116637 tonnes per year. Therefore, the life of the mine will be 10 years (Five years in plan period + five years in conceptual period).

### Observation

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 20 lakhs (Rupees Twenty Lakhs), therefore, the CER @ 2 % of the project Cost amount to Rs. 40000.00 (Rupees Forty Thousand).

### 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 Environmental Clearance.

### 8. Proposal No.SIA/ML/MIN/160771/2020 submitted by Shri Donkumar Sumer

The Project Proponent Shri Donkumar Sumer, submitted online application vide Proposal No. SIA/ML/MIN/160771/2020 for Environmental Clearance for mining of Boulder stone for an area of 1.60 hectares. The proposal is for mining of boulderstone use for construction purposes- buildings, road projects, dams,etc. hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Ranap Lum Mawtari, Myrdon Sirdarship, RiBhoi District, Meghalaya and toposheet Survey of India No.780/13 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 for 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 & Ri Bhoi 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. 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 boulderstone at an annual rate of 60,418 tonnes with a project cost of Rs. 16 lakhs and the operations will be open cast, 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 be different 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. Thus the life of the mine will be 15 years.

#### **Observation**


The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 16 lakhs (Rupees Sixteen Lakhs), therefore, the CER @ 2 % of the project Cost amount to Rs. 32000.00 (Rupees Thirty two Thousand).

#### **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, the committee unanimously recommended for RE - CONSIDERATION.

#### **9. Proposal No.SIA/ML/MIN/160963/2020 submitted by Smt. Drama Kharthangmaw**

The Project Proponent Smt. Drama Kharthangmaw, submitted online application vide Proposal No. SIA/ML/MIN/160963/2020 for Environmental Clearance for mining of Boulderstone for an area of 2.32 hectares. The proposal is for mining of boulderstone use for construction purposes, hence the





project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Umshlaw, Ranab Umhapshun, Bhoi Lasa, Mylliem Syiemship, RiBhoi District, Meghalaya and toposheet Survey of India No.83C/1 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 45' 31.5"N	92° 01' 28.6"E
2	25° 45' 33.7"N	92° 01' 31.5"E
3	25° 45' 34.3"N	92° 01' 32.8"E
4	25° 45' 34.2"N	92° 01' 34.8"E
5	25° 45' 34.6"N	92° 01' 35.9"E
6	25° 45' 35.5"N	92° 01' 34.9"E
7	25° 45' 36.7"N	92° 01' 34.5"E
8	25° 45' 38.0"N	92° 01' 33.3"E
9	25° 45' 38.5"N	92° 01' 32.3"E
10	25° 45' 39.0"N	92° 01' 32.1"E
11	25° 45' 38.0"N	92° 01' 30.9"E
12	25° 45' 36.6"N	92° 01' 33.8"E
13	25° 45' 35.8"N	92° 01' 29.4"E
14	25° 45' 35.0"N	92° 01' 27.4"E
15	25° 45' 32.1"N	92° 01' 26.4"E

The proposed land for mining belongs to the project proponent vide affidavit made on 9<sup>th</sup> August 2019 at Shillong, East Khasi Hills certified by Notary, Govt. of 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 NoKH/9/NOC/Stone/41/Pt.VI/4149 dated Shillong, the 25<sup>th</sup> September 2019 and letter of Intent vide letter No.KH/8/ML/Stone/69/4200 dated Shillong, the 26<sup>th</sup> September 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/74/2019/1443 dated Shillong, the 19<sup>th</sup> November 2019, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/74/2019/1323, dated Shillong, the 29<sup>th</sup> October 2019. The Mining plan has been prepared to extract boulderstone at an annual rate of 54600 tonnes with a project cost of Rs. 18 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserve is 817824 tonnes with an average annual production of 54522 (817824/15) tonnes. The average annual production of stone may be different from annual production of five years plan period. The production of stone in first 5 years will be 272381 tonnes and the balance mineable reserve of 545443 tonnes will be exhausted in subsequent 10 years at the rate of 54544 tonnes. Thus the life of the mine will be 15 years.

### Observation

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 18 lakhs (Rupees Eighteen Lakhs), therefore, the CER @ 2 % of the project Cost amount to Rs. 36000.00 (Rupees Thirty Six Thousand).

### 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, the committee unanimously recommended for RE - CONSIDERATION.

### 10. Proposal No.SIA/ML/MIN/160796/2020 submitted by Shri Donboklang Khongkhlad

The Project Proponent Shri Donboklang Khongkhlad, submitted online application vide Proposal No. SIA/ML/MIN/160796/2020 for Environmental Clearance for mining of Limestone for an area of 4.01 hectares. The proposal is for mining of limestone use in kilns for manufacture of lime used as building materials, hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area located at Num Wari, RiShabong, Risan Khongkhlam, Raid Shabong, Khyrim Syiemship, East Khasi Hills District, Meghalaya and toposheet Survey of India No.780/16 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 14' 32.73"N	91° 56' 54.62"E
2	25° 14' 30.46"N	91° 56' 59.85"E
3	25° 14' 38.19"N	91° 57' 03.70"E
4	25° 14' 40.15"N	91° 56' 58.78"E

The proposed land measuring is on lease for a period of 15 years which was executed on 11<sup>th</sup> December 2018 certified by Notary Public, Shillong.

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/8/NOC/Limestone/41/Pt.IV/6735 dated Shillong, the 8<sup>th</sup> February 2019 and letter of Intent vide letter No.KH/8/ML/Limestone/68/6882 dated



Shillong, the 11<sup>th</sup> February 2019 and subsequently renewed vide letter No. No.KH/8/ML/Limestone/68/256 dated Shillong, the 28<sup>th</sup> May 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/22/2019/12 dated Shillong, the 10<sup>th</sup> June 2020, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/22/2019/81, dated Shillong, the 24<sup>th</sup> April 2019. The Mining plan has been prepared to extract limestone at an annual rate of 182415 MT with a project cost of Rs. 32 lakhs (Rupees Thirty Two lakhs) and the operations will be open cast, semi-mechanized method of mining.

The mineable reserve is 2735519 tonnes with an average annual production of 182368 (2735519/15=182368) tonnes. The average annual production of limestone may be different from annual production of five years plan period. In first five years 911637 tonnes of limestone would be produced and the balanced mineable reserve for last 10 years would be 1823882 tonnes. Thus the total mineable reserve will be worked out in (5+10) 15 years. Therefore, the life of the mine will be 15 years (five years in plan period + ten years in conceptual period).

#### **Observation**

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 32 lakhs (Rupees Thirty Two Lakhs), therefore, the CER @ 2 % of the project Cost amount to Rs. 64000.00 (Rupees Sixty Four Thousand).

#### **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 Environmental Clearance.

#### **11. Proposal No.SIA/ML/MIN/163019/2020 submitted by Shri Binot Dhar**

The Project Proponent Shri Binot Dhar, submitted online application vide Proposal No. SIA/ML/MIN/163019/2020 for Environmental Clearance for mining of Limestone for an area of 4.7 hectares. The proposal is for mining of limestone use in kilns and construction purposes hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area located at Moolieh, Umlong village, East Jaintia Hills District, Meghalaya and toposheet Survey of India No.83C/8 within the following GPS Coordinates:



Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 10' 18.2"N	92° 20' 19.1"E
2	25° 10' 16.8"N	92° 20' 15.1"E
3	25° 10' 15.2"N	92° 20' 10.5"E
4	25° 10' 09.2"N	92° 20' 11.0"E
5	25° 10' 11.9"N	92° 20' 14.2"E
6	25° 10' 11.4"N	92° 20' 16.7"E
7	25° 10' 12.1"N	92° 20' 19.0"E
8	25° 10' 14.0"N	92° 20' 19.5"E
9	25° 10' 15.9"N	92° 20' 19.2"E

The proposed mining lease belongs to the project proponent as per Land Holding Certificate No.270 of 2020 issued by the Jaintia Hills Autonomous District Council vide letter MEMO.No.JHADC/REV/LHC/14/234/10 dated Jowai, the 2<sup>nd</sup> August 2010.

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/474 dated Jowai, the 24<sup>th</sup> May 2018 and letter of Intent vide letter No.JH/MMMCR-2016/2016-17/869/B/631 dated Jowai, the 13<sup>th</sup> June 2018, subsequently renewed vide letter No.JH/MMMCR-2016/2016-17/869/B/92 dated Jowai, the 21<sup>st</sup> May 2020.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Shillong, Government of Meghalaya, vide letter No.DMO-J/15/MM/Mining Plan/2019-20/106 dated Jowai, the 2<sup>nd</sup> June, 2020, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMO-J/15/MM/Mining Plan/2019/36, dated Jowai, the 29<sup>th</sup> October 2019. The Mining plan has been prepared to extract limestone at an annual rate of 75,000 tons with a project cost of Rs. 47 lakhs and the operations will be open cast, semi-mechanized method of mining.

The Mine has a total mineable proved reserves of 17,44,868 MT but after leaving residual benches, the net total Mineable proved mineable reserves comes to 16,32,459 MT. As the mine is targeted to produce 75,000 MT of limestone per annum, the anticipated life of the mine will be 22 years

#### Observation

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment



Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 47 lakhs (Rupees Forty Seven Lakhs), therefore, the CER @ 2 % of the project Cost amount to Rs. 94000.00. (Rupees Ninety Four Thousand).

### **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 Environmental Clearance.

### **12. Proposal No.SIA/ML/MIN/161894/2020 submitted by Shri Drostarland Lyngdoh**

The Project Proponent Shri Drostarland Lyngdoh, submitted online application vide Proposal No. SIA/ML/MIN/161894/2020 for Environmental Clearance for mining of Boulderstone for an area of 4.90 hectares. The proposal is for mining of boulderstone use for construction purposes, hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Wakrugre, West Garo Hills District, Meghalaya and toposheet Survey of India No.78K/2 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 37' 59.5"N	089° 59' 18.2"E
2	25° 38' 02.9"N	089° 59' 10.4"E
3	25° 38' 08.5"N	089° 59' 14.3"E
4	25° 38' 05.3"N	089° 59' 22.0"E

The proposed land is on lease for 10 years registered at D.C. Office Tura on 15<sup>th</sup> October 2019.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West & South West Garo Hills, Territorial Division, Tura, vide letter No. B/16/VII/NOC/MMMCR/4973-75 dated Tura, the 6<sup>th</sup> November 2019 and letter of Intent vide letter Memo. No.B/16/VII/361 dated Tura, the 29<sup>th</sup> January, 2020.

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/15/2019/54 dated Shillong, the 3rd July 2020, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from the office of the Divisional Mining Officer, East Garo Hills, Williamnagar, Meghalaya vide letter No.DMO- W/MP/25/2019/29, dated Williamnagar, the 12<sup>th</sup> June 2020. The Mining plan has been prepared to extract boulderstone at an annual rate of 534856 tonnes with a project cost of Rs. 37 lakhs and the operations will be open cast, semi-mechanized method of mining.



The mineable reserves of stone are of the order of 2890810 tons. The production in the period of the mining plan will be around 26,74,280 tons in 5 years and the balance reserves is (2890810-2674280) or 216530 tons. If the production target is 534860 tons, the balance reserves will sufficient for 0.40 years. Thus, the total life of the mine is  $5+0.4=5.40$  years.

### Observation

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 37 lakhs (Rupees Thirty Seven Lakhs), therefore, the CER @ 2 % of the project Cost amount to Rs. 74000.00. (Rupees Seventy Four Thousand).

### 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, the committee unanimously recommended for grant of Environmental Clearance. Along with the following additional condition:

(i) The project proponent will have to undertake preventive measures to provide proper and adequate guard drain to check the loose earth, spoils, stone particles etc. from being carried away by rainwater thereby causing siltation of the nearby agricultural field/water bodies from the proposed mining area. Further, toe wall should also be constructed to protect the stack of collected top soil and stones from being washed away by storm water.

### 13. Proposal No.SIA/ML/MIN/164140/2020 submitted by Shri Donlang Khongpdah

The Project Proponent Shri Donlang Khongpdah, submitted online application vide Proposal No. SIA/ML/MIN/164140/2020 for Environmental Clearance for mining of Boulderstone for an area of 2.1084 hectares. The proposal is for mining of boulderstone use for construction purposes, hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Nongthymmai, 14<sup>th</sup>-15<sup>th</sup> Mile Byrnihat, Raid Marwet, Ri Bhoi District, Meghalaya and toposheet Survey of India No.78N/16 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	26° 03' 23.0"N	91° 51' 17.2"E
2	26° 03' 24.2"N	91° 51' 15.6"E
3	26° 03' 24.7"N	91° 51' 13.3"E
4	26° 03' 22.7"N	91° 51' 10.7"E



5	26° 03' 20.3"N	91° 51' 10.6"E
6	26° 03' 19.3"N	91° 51' 15.6"E

The proposed mining area belongs to the project proponent vide deed of declaration dated 13<sup>th</sup> September 2017 certified by Sub-Registrar, Nongpoh, RiBhoi District.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Khasi Hills Territorial Division, Shillong, vide letter No.KH/9/NOC/STONE/41/Pt.III/11506-A dated Shillong, the 20<sup>th</sup> May 2018 and letter of Intent vide letter No.KH/8/ML/Stone/69/10301 dated Shillong, the 15<sup>th</sup> January 2018 and subsequently renewed vide letter NO.KH/8/ML/stone/69/303, date Shillong, the 21<sup>st</sup> June 2020.

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/159/2018/10 dated Shillong, the 9<sup>th</sup> June 2020, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/159/2018/697, dated Shillong, the 27<sup>th</sup> July 2018. The Mining plan has been prepared to extract boulderstone at an annual rate of 165790 tonnes with a project cost of Rs. 24.5 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserve of stone are of the order of 1739200 tonnes. The production in the period of the mining plan will be around 778270 tonnes in 5 years and the balance reserve is (1739200-778270) or 960930 tonnes. As the production target is 165790, therefore, the balance reserve is sufficient for 5.79 years. Thus, the total life of the mine is 5+5.79 years or 10.79 years.

#### **Observation**

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 24.5 lakhs (Rupees Twenty Four Lakhs Fifty Thousand), therefore, the CER @ 2 % of the project Cost amount to Rs. 49000.00 (Rupees Forty Nine Thousand).

#### **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, the committee unanimously recommended for RE - CONSIDERATION.



**DAY 2**

**11<sup>TH</sup> SEPTEMBER 2020**

**A. ENVIRONEMNTAL CLEARANCE**

**14. Proposal No.SIA/ML/MIN/165220/2020 submitted by Shri Isaac William Ch. Momin.**

The Project Proponent Shri Isaac William Ch. Momin, submitted online application vide Proposal No. SIA/ML/MIN/165220/2020 for Environmental Clearance for mining of Boulderstone for an area of 1.29 hectares. The proposal is for mining of boulderstone use for construction purposes, hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Ujenggre,P.O.-Zikabari, P.S. Garobada West Garo Hills District, Meghalaya and toposheet Survey of India No.78G/14 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 38' 23.2"N	089° 58' 49.4"E
2	25° 38' 25.1"N	089° 58' 50.3"E
3	25° 38' 25.6"N	089° 58' 47.2"E
4	25° 38' 22.8"N	089° 58' 46.2"E

The proposed land is on lease for 10 years was executed at Tura on 6<sup>th</sup> August 2017 certified by Notary, Govt. of 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/2538-39 dated Tura, the 27<sup>th</sup> June 2018 and letter of Intent vide letter Memo. No.B/16/VII/ dated Tura, the - June, 2018 and subsequently renewed vide letter No. No.B/16/VII/2853 dated Tura, the 2<sup>nd</sup> August, 2019.

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/15/2020/30 dated Shillong, the 19<sup>th</sup> June 2020, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from the Director, Mineral Resources, Meghalaya, Shillong, Govt. of Meghalaya vide letter No.DMR/MM/220/2018/Z101, dated Shillong, the 14<sup>th</sup> March 2019. The Mining plan has been prepared to extract boulderstone at an annual rate of 72178 tonnes with a project cost of Rs. 15 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves would be 721918 tonnes with an average annual production of (721918/10) or 72192 tonnes per year and the production of stone in the first five years will be 360433 tonnes. The





average annual production of stone may be different from the annual production of first five years. The balance mineable reserve of 361485 tonnes will be worked out in the subsequent 5 years. So, life of the mine will be 10 years (first five years in the plan period + 5 years in conceptual period).

### Observation

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 15 lakhs (Rupees Fifteen Lakhs), therefore, the CER @ 2 % of the project Cost amount to Rs. 30000.00. (Rupees Thirty Thousand).

### 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 on 6<sup>th</sup> October 2020, the committee unanimously recommended for grant of Environmental Clearance. Along with the following additional condition:

(i) The project proponent will have to undertake preventive measures to provide proper and adequate guard drain to check the loose earth, spoils, stone particles etc. from being carried away by rainwater thereby causing siltation of the nearby agricultural field/water bodies from the proposed mining area. Further, toe wall should also be constructed to protect the stack of collected top soil and stones from being washed away by storm water.

### 15. Proposal No.SIA/ML/MIN/165834/2020 submitted by Shri Hamarles Roy Thabah

The Project Proponent Shri Hamarles Roy Thabah, submitted online application vide Proposal No. SIA/ML/MIN/165834/2020 for Environmental Clearance for mining of Boulderstone for an area of 1.95 hectares. The proposal is for mining of boulderstone use for construction purposes, hence the project fall under Schedule 1(a) of category BZ of EIA Notification 2006. The area is located at Miangsain, Nongdom Rambrai, West Khasi Hills District, Meghalaya and toposheet Survey of India No.780/2 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 34' 24.9"N	91° 13' 11.9"E
2	25° 34' 28.1"N	91° 13' 13.1"E
3	25° 34' 25.5"N	91° 13' 19.4"E
4	25° 34' 22.4"N	91° 13' 17.4"E

The proposed mining area is on lease for 30 years which was executed on 8<sup>th</sup> November 2017 at Shillong and certified by Notary, Govt. of Meghalaya.



The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West & South West Khasi Hills Territorial Division, Nongstoin, vide letter No.T/W&SW/21/NOC(S)/610 dated Nongstoin, the 4<sup>th</sup> December 2018 and letter of Intent vide letter No.T/W&SW/ML/Stone/H.Thabah(1.95 Ha.)/39 dated Nongstoin, the 16<sup>th</sup> January 2019 and letter No. T/W&SW/ML/S/H.Thabah(1.95 Ha.)/382 dated Nongstoin, the 15<sup>th</sup> July 2020.

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/33/2019/1634 dated Shillong, the 16<sup>th</sup> December 2019, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/33/2019/340, dated Shillong, the 23<sup>rd</sup> May 2019. The Mining plan has been prepared to extract boulderstone at an annual rate of 30000 tonnes with a project cost of Rs. 45 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mine has a proved mineable reserves excluding safety barrier of 640287 MT. But after leaving residual benches, the total net mineable reserves comes to 5,11,711 MT. As the mine is targeted to produce 30000 MT of boulder stone per annum and taking 300 as the average number of working days per annum, the anticipated life of a mine will be 17.01 years, say 17 years.

#### **Observation**

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 45 lakhs (Rupees Forty Five Lakhs), therefore, the CER @ 2 % of the project Cost amount to Rs. 90000.00.. (Rupees Ninety Thousand).

#### **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 conducted on 5<sup>th</sup> October the committee unanimously recommended for grant of Environmental Clearance.

#### **16. Proposal No.SIA/ML/MIN/166552/2020 submitted by Shri Kalthin Ch. Marak.**

The Project Proponent Shri Kalthin Ch. Marak, submitted online application vide Proposal No. SIA/ML/MIN/166552/2020 for Environmental Clearance for mining of Boulderstone for an area of 2.48 hectares. The proposal is for mining of boulderstone use for construction purposes, hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at





Rangmalgre, P.O. Rongsak, East Garo Hills District, Meghalaya and toposheet Survey of India No.78K/6 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 33' 11.87"N	90° 23' 52.22"E
2	25° 33' 13.40"N	90° 23' 46.91"E
3	25° 33' 15.06"N	90° 23' 46.96"E
4	25° 33' 15.35"N	90° 23' 47.19"E
5	25° 33' 16.01"N	90° 23' 47.90"E
6	25° 33' 17.08"N	90° 23' 48.08"E
7	25° 33' 17.30"N	90° 23' 49.41"E
8	25° 33' 17.25"N	90° 23' 53.20"E
9	25° 33' 15.51"N	90° 23' 53.84"E

The proposed mining area belongs to the project proponent vide declaration made on 8<sup>th</sup> February 2019 certified by Notary, East Garo Hills, Williamnagar.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East & North Garo Hills Territorial Division, Williamnagar, vide letter No. B/50/II/442-449 dated Williamnagar, the 24<sup>th</sup> June 2020 and letter of Intent vide letter No.B/50/iii/1212-1218 dated Williamnagar, the 12<sup>th</sup> June 2019.

The project proponent submitted that as per Form 2, the proposed mining area is located 6.5 km from darft Nokrek Eco – Sensitive Zone towards South. The Project Proponent submitted that No Objection Certificate from the Divisional Forest Officer, Wildlife Division, West Garo Hills, Tura has been applied as per sought by SEIAA, Meghalaya. The committee take noted that the Ministry of Environment Forest and Climate Change vide letter No. F.No. 6-60/2020WL Part (I) dated 16<sup>th</sup> July 2020 where in para (3)(ii) it stated that "Proposals involving activity project located within 10 km of National Park/Wildlife Sanctuary wherein ESZ has not been finally notified and listed in the schedules of the EIA Notification 2006 and requiring Environment Clearance, prior clearance from the standing committee of the National Board for Wildlife will be required"

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2019/89 dated Williamnagar, the 29<sup>th</sup> August 2019, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/20/2019/69, dated Williamnagar, the 1<sup>st</sup> August 2019. The Mining plan has been prepared to extract boulderstone at an

annual rate of 151200 MT with a project cost of Rs. 20 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mine has mineable reserves of 1947060 tonnes and the production during the period of first five years is 625050 tonnes. The balance reserves after the plan period is 1322010 tonnes. Taking rate of production from 6<sup>th</sup> year to be 151200, therefore reserve is sufficient for another 8.74 years. Thus, the total life of the mine is 13.74 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, the committee unanimously recommended for ADS.

### **17. Proposal No.SIA/ML/MIN/165211/2020 submitted by Shri Bisor Lamin**

The Project Proponent Shri Bisor Lamin, submitted online application vide Proposal No. SIA/ML/MIN/165211/2020 for Environmental Clearance for mining of Limestone for an area of 4.50 hectares. The proposal is for mining of limestone use in kilns for manufacture of lime used as building materials, hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area located at Amkroh, Amslai, Dapdeng, Lad Umtapoh, Elaka Nonhtalang, West Jaintia Hills District, Meghalaya and toposheet Survey of India No.83C/4 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 14' 41.3"N	92° 06' 01.1"E
2	25° 14' 44.1"N	92° 06' 01.6"E
3	25° 14' 47.3"N	92° 06' 01.9"E
4	25° 14' 46.7"N	92° 06' 04.7"E
5	25° 14' 48.0"N	92° 06' 07.2"E
6	25° 14' 45.6"N	92° 06' 09.6"E
7	25° 14' 40.10"N	92° 06' 09.49"E

The proposed land measuring is on lease for a period of 10 years which was executed on 25<sup>th</sup> May 2018 certified by Sub-Registrar at Amlarem.

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/1195 dated Jowai, the 5<sup>th</sup> October 2018 and letter of Intent vide letter No.JH/MMMCR-2016/2016-17/869/B/1241 dated Jowai, the 3<sup>rd</sup> October 2018 and subsequently renewed vide letter No. No.JH/MMMCR-2016/2016-17/869/B/312 dated Jowai, the 26<sup>th</sup> June 2020.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai, Government of Meghalaya, vide letter No.DMO-





J/3/MM/Mining Plan/2019-2020/108 dated Shillong, the 24<sup>th</sup> June 2020, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya vide letter No.DMO-J/3/MM/Mining Plan/2019/4, dated Shillong, the 2<sup>nd</sup> May 2019. The Mining plan has been prepared to extract limestone at an annual rate of 426306 Tonnes with a project cost of Rs. 35 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserve would be 4229847 tonnes with an average annual production of (4229847/10) or 422985 tonnes per year and production of limestone in first five years will be 2114930 tonnes. The annual production of limestone may be different from the annual production of first five years. The balance mineable reserve, 2114917 tonnes will be worked out in the subsequent 5 years. So life of the mine will be 10 years (first five years in plan period + 5 years in conceptual period).

#### **Observation**

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 35 lakhs (Rupees Thirty Five Lakhs), therefore, the CER @ 2 % of the project Cost amount to Rs. 70000.00 (Rupees Seventy Thousand).

#### **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, the committee unanimously recommended for grant of Environmental Clearance.

#### **18. Proposal No.SIA/ML/MIN/165613/2020 submitted by Shri Sanjay Koch**

The Project Proponent Shri Sanjay Koch, submitted online application vide Proposal No. SIA/ML/MIN/165613/2020 for Environmental Clearance for mining of Boulder stone for an area of 1.00 hectares. The proposal is for mining of boulder stone use for construction purposes of buildings, roads, etc., hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area located at Manggapara, P.O. Zikabari, West Garo Hills District, Meghalaya and toposheet Survey of India No.78K/2 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 36' 44.3"N	90° 01' 20.0"E
2	25° 36' 47.8"N	90° 01' 19.9"E

3	25° 36' 47.9"N	90° 01' 16.4"E
4	25° 36' 45.1"N	90° 01' 16.2"E

The proposed land measuring is on lease for a period of 10 years which was executed on 29<sup>th</sup> May 2017 certified by District-Registrar, D.C. office, Tura.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West & South West Garo Hills Territorial Division, Tura vide letter No. B/16/VII/NOC/MMMCR/2433-34 dated Tura, the 2<sup>nd</sup> July 2019 and letter of Intent vide letter Memo.No.B/16/VII/2435 dated Tura, the 2<sup>nd</sup> July 2019.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar, vide letter No.DMO-W/MP/15/2019/52 dated Williamnagar, the 3<sup>rd</sup> July 2020, where it is mentioned that there are another three approved mining plans of the area of 0.44ha, 1.33ha and 0.52ha located within 500 metres from the Manggara Stone mine forming a cluster which is less than 5ha. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from the Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/22/2019/67, dated Williamnagar, the 1<sup>st</sup> August 2019. The Mining plan has been prepared to extract boulder stone at an annual rate of 48569 Tonnes 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 485330 tonnes with an average annual production of (485330/10) or 48533 tonnes per year and production of boulder stone in first five years will be 241701 tonnes. The annual production of limestone may be different from the annual production of first five years and the balance mineable reserve for last five years would be 243629 tonnes. So life of the mine will be 10 years.

### **Observation**

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 10 lakhs (Rupees Ten Lakhs), therefore, the CER @ 2 % of the project Cost amount to Rs. 20000.00. (Rupees Twenty Thousand).

### **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, the committee unanimously recommended for grant of Environmental Clearance along with the following additional conditions:





(i) The project proponent will have to undertake preventive measures to provide proper and adequate guard drain to check the loose earth, spoils, stone particles etc. from being carried away by rainwater thereby causing siltation of the nearby agricultural field/water bodies from the proposed mining area. Further, toe wall should also be constructed to protect the stack of collected top soil and stones from being washed away by storm water.

#### **19. Proposal No.SIA/ML/MIN/41284/2019 submitted by Shri Damanbait Lamare**

The Project Proponent Shri Damanbait Lamare, submitted online application vide Proposal No. SIA/ML/MIN/41284/2019 for Environmental Clearance for mining of Boulder stone for an area of 3.8 hectares. The proposal is for mining of Boulder stone use in the construction purposes, hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area located at Chilliang Syndoh, Mukhla Umlangshor, West Jaintia Hills District, Meghalaya and toposheet Survey of India No.83C/2 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 30' 40.2"N	92° 10' 08.6"E
2	25° 30' 42.1"N	92° 10' 08.6"E
3	25° 30' 43.3"N	92° 10' 09.5"E
4	25° 30' 45.0"N	92° 10' 12.1"E
5	25° 30' 45.9"N	92° 10' 15.4"E
6	25° 30' 44.5"N	92° 10' 18.1"E
7	25° 30' 42.3"N	92° 10' 18.9"E
8	25° 30' 41.0"N	92° 10' 14.8"E
9	25° 30' 39.7"N	92° 10' 11.6"E

The proposed is on lease for a period of 10 years which was executed on 23<sup>rd</sup> February 2017 at Jowai, West Jaintia Hills.

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/52 dated Jowai, the 6<sup>th</sup> April 2018 and letter of Intent vide letter No.JH/MMMCR-2016/2016-17/869/B/275 dated Jowai, the 20<sup>th</sup> April 2018 and subsequently renewed vide letter No. No.JH/MMMCR-2016/2016-17/869/B/544 dated Jowai, the 4<sup>th</sup> August, 2020.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai, Government of Meghalaya, vide letter No.DMO-1/22/MM/Mining Plan/2019/21 dated Jowai, the 7<sup>th</sup> August 2019, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from the Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/175/2018/1110, dated Shillong, the 10<sup>th</sup> October 2018. The Mining plan has been prepared to extract boulder stone at an annual rate of 422464 Tonnes with a project cost of Rs. 68 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserve would be 4227473 tonnes with an average annual production of (4227473/10) or 422747 tonnes per year and production of boulder stone in first five years will be 2035286 tonnes. The annual production of boulder stone may be different from the annual production of first five years. The balance mineable reserve, 2192187 tonnes will be worked out in the subsequent 5 years. So life of the mine will be 10 years (first five years in plan period + 5 years in conceptual period).

#### **Observation**

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 68 lakhs (Rupees Sixty Eight Lakhs), therefore, the CER @ 2 % of the project Cost amount to Rs. 136000.00. (Rupees One Lakhs Thirty six Thousand).

#### **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, the committee unanimously recommended for ADS (the PP to erect boundary pillars as per the GPS Coordinates mentioned in the approved mining plan and submit photos).

#### **20.Proposal No.SIA/ML/MIN/41347/2019 submitted by Shri Damanbait Lamare**

The Project Proponent Shri Damanbait Lamare, submitted online application vide Proposal No. SIA/ML/MIN/41347/2019 for Environmental Clearance for mining of Lime stone for an area of 4.9 hectares. The proposal is for mining of Limestone use in kilns for manufacture of lime for construction purposes, hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006.The area located at Rekatung, Amtapoh, NongtalangElaka, West Jaintia Hills District, Meghalaya and toposheet Survey of India No.83C/4 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 14' 53.3"N	92° 05' 39.2"E
2	25° 14' 54.3"N	92° 05' 31.6"E
3	25° 14' 52.4"N	92° 05' 29.8"E



4	25° 14' 48.8"N	92° 05' 37.5"E
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The proposed is on lease for a period of 10 years executed on the 20<sup>th</sup> December 2016 certified by Sub-Registrar, Amlarem.

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/50 dated Jowai, the 6<sup>th</sup> April 2018 and letter of Intent for renewal vide letter No.JH/MMMCR-2016/2016-17/869/B/2325 dated Jowai, the 9<sup>th</sup> August 2019 and vide letter No. No.JH/MMMCR-2016/2016-17/869/B/543 dated Jowai, the 4<sup>th</sup> August, 2020.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai, Government of Meghalaya, vide letter No.DMO-[/21/MM/Mining Plan/2019/22 dated Jowai, the 7<sup>th</sup> August 2019, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from the Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/176/2018/1111, dated Shillong, the 10<sup>th</sup> October 2018. The Mining plan has been prepared to extract Limestone at an annual rate of 576520 Tonnes with a project cost of Rs. 73.82 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserve would be 5678501 tonnes with an average annual production of (5678501/10) or 567850 tonnes per year and production of limestone in first five years will be 2769071 tonnes. The annual production of limestone may be different from the annual production of first five years. The balance mineable reserve, 2909430 tonnes will be worked out in the subsequent 5 years. So life of the mine will be 10 years (first five years in plan period + 5 years in conceptual period).

#### **Observation**

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 73.82 lakhs (Rupees Seventy Three Lakhs Eighty two thousand), therefore, the CER @ 2 % of the project Cost amount to Rs. 147640.00. (Rupees One Lakhs Forty Seven Thousand Six Hundred Forty).

#### **Recommendation**

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kmz file through google earth and site visit, the committee

unanimously recommended for ADS (the PP to erect boundary pillars as per the GPS Coordinates mentioned in the approved mining plan and submit photos).

## **21. Proposal No.SIA/ML/MIN/42888/2019 submitted by Shri Damanbait Lamare**

The Project Proponent Shri Damanbait Lamare, submitted online application vide Proposal No. SIA/ML/MIN/42888/2019 for Environmental Clearance for mining of Boulder stone for an area of 4.8hectares. The proposal is for mining of Boulder stone use for construction purposes, hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006.The area located at Dainshyieng, Laitlyngkot, East Khasi Hills District, Meghalaya and toposheet Survey of India No.780/15within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 24' 44.42"N	91° 52' 2.14"E
2	25° 24' 41.80"N	91° 52' 10.31"E
3	25° 24' 35.82"N	91° 52' 7.788"E
4	25° 24' 38.556"N	91° 51' 59.436"E

The proposed is on lease for a period of 30 years which was executed on the 3<sup>rd</sup> May 2017 and certified by Sub-Registrar, Shillong.

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/NOC/9/Stone/41/Pt. V/3330 dated Shillong, the 2<sup>nd</sup> August 2018 and letter of Intent vide letter No.KH/8/ML/Stone/69/4869 dated Shillong, the 25<sup>th</sup> October 2018 and subsequently renewed vide letter No. KH/8/ML/Stone/69/1170 dated Shillong, the 6<sup>th</sup> June 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/242/2018/973 dated Shillong, the 2<sup>nd</sup> September 2019, where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from the Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/242/2018/178, dated Shillong, the 8<sup>th</sup> May 2019. The Mining plan has been prepared to extract Boulder stone at an annual rate of 401810 Tonnes with a project cost of Rs. 24.8 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserve of stone are of the order of 33,20,770 tonnes. The production in the period of the mining plan will be around 1675450 tonnes in 5 years. Therefore, the balance reserves will be (3320770-1675450) or 1645320 tonnes. If the annual production target is 401810 tonnes, then the



balance reserves will be sufficient for (1645320/401810) or 4.09 years. Thus the total life of the mine is 5+4.09 or say 9 years.

### Observation

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 24.8 lakhs (Rupees Twenty Four Lakhs Eighty Thousand), therefore, the CER @ 2 % of the project Cost amount to Rs. 49600.00. (Rupees Forty Nine Thousand Six Hundred).

### 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 Environmental Clearance.

### 22. Proposal No.SIA/ML/MIN/38667/2019 submitted by Shri Saljeng Sangma

The Project Proponent Shri Saljeng Sangma, submitted online application vide Proposal No. SIA/ML/MIN/38667/2019 for Environmental Clearance for mining of Boulder stone for an area of 0.80 hectares. The proposal is for mining of Boulder stone use for construction purposes, hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area located at Matcha, Nokpante, Rochonpara, P.O. Dhanua, West Garo Hills District, Meghalaya and toposheet Survey of India No.78G/14 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 41' 24.54"N	89° 56' 15.96"E
2	25° 41' 27.90"N	89° 56' 14.22"E
3	25° 41' 27.42"N	89° 56' 16.86"E
4	25° 41' 25.62"N	89° 56' 18.18"E
5	25° 41' 23.94"N	89° 56' 17.58"E

The proposed is on lease for a period of 10 years which was executed on the 5<sup>th</sup> June 2017 and certified by District Registrar, D.C. Office, Tura.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West & South West Garo Hills Territorial Division, Tura, vide letter No.B/16/VII/NOC/MMMCR/2946-48 dated Tura, the 30<sup>th</sup> July 2020 and letter of Intent vide letter No.B/16/VII/750 dated Tura, the 6<sup>th</sup> March, 2018 and subsequently renewed vide letter No. letter No.B/16/VII/671-74 dated Tura, the 17<sup>th</sup> February, 2020.



The project proponent has obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar, Meghalaya, vide letter No.DMO-W/MP/15/2019/175 dated Williamnagar, the 21<sup>st</sup> February 2020, where it is mentioned that there are three other mining lease areas located within 500 metres of the mining lease of the Shri Saljeng Sangma, but the total area of the cluster is less than 5 hectares. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from the Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/163/2018/1165, dated Shillong, the 23<sup>rd</sup> October 2018. The Mining plan has been prepared to extract Boulder stone at an annual rate of 33320 Tonnes with a project cost of Rs. 25 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserve of stone would be 324133 tonnes with an average annual production of 32413 (324133/10) tonnes and production of stone in the first five years will be 164634 tonnes. The average annual production of stone may be different from the annual production of first five years. The balance mineable reserve, 159499 tonnes will be worked out in the subsequent 5 years. So life of the mine will be 10 years (first five years in plan period + 5 years in conceptual period).

#### **Observation**

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 25 lakhs(Rupees Twenty Five Lakhs), therefore, the CER @ 2 % of the project Cost amount to Rs. 5 0000.00. (Rupees Fifty Thousand).

#### **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, the committee unanimously recommended for grant of Environmental Clearance. Along with the following additional condition:

(i) The project proponent will have to undertake preventive measures to provide proper and adequate guard drain to check the loose earth, spoils, stone particles etc. from being carried away by rainwater thereby causing siltation of the nearby agricultural field/water bodies from the proposed mining area. Further, toe wall should also be constructed to protect the stack of collected top soil and stones from being washed away by storm water.

#### **23. Proposal No. SIA/ML/MIN/43072/2019 submitted by Smt. Shimhok Lyngdoh Nongbri**

The committee in the 33<sup>rd</sup> meeting was recommended for ADS (Additional Document Sought) for this applicant, the PP re – submit the correct information in the parivesh website as ask by the Committee.





The Project Proponent Smt. Shimhok Lyngdoh Nongbri, submitted online application vide Proposal No.SIA/ML/MIN/43072/2019 for Environmental Clearance for mining of boulderstone for an area of 2.50 hectares. The proposal is for mining of boulder stone use for construction purposes and hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Maw-U-Sam, Thangsning, East Khasi Hills, Meghalaya and toposheet Survey of India No.780/15a within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 29' 42.21"N	91° 55' 46.19"E
2	25° 29' 46.37"N	91° 55' 43.32"E
3	25° 29' 47.15"N	91° 55' 52.59"E
4	25° 29' 43.41"N	91° 55' 51.18"E

The proposed land is on lease for 20 years which was executed on 30<sup>th</sup> August 2018 at Umphrup certified by Notary Public, 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 vide letter No.KH/9/NOC/STONE/41/PlV/7112 dated Shillong, the 25<sup>th</sup> February 2019 and letter of Intent vide No.KH/8/ML/Stone/69/7195 dated Shillong the 4<sup>th</sup> March 2019 which subsequently renewed vide letter No.KH/8/ML/Stone/69/3655 dated Shillong the 28<sup>th</sup> August 2019.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/47/2019/766, dated Shillong, the 1<sup>st</sup> August 2019. The Mining plan has been prepared to extract boulder stone at an annual rate of 60,190 MT with a project cost of Rs. 16.50 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mine has a mineable proved and probable reserves of 14,65,700 MT. The production in the period of the Mining Plan is 2,89,870 MT in 5 years. The mine is targeted to produce 60,100 MT of boulders per annum. The balance reserves after a plan period will be 11,75,830 MT, sufficient for 19.53 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 office of the Mining Engineer, Directorate Mineral Resources Government of Meghalaya vide letter No.DMR/MM/47/2019/1025 Dated Shillong the 6<sup>th</sup> September 2019 where it is mentioned that there is only one approved mining plan located within 500 metres of the Mining lease area and the total is below 5 Hectares. Hence, the Environment Management Plan is not required.

#### Observation

The ministry of Environment Forest and Climate Change has issued the rate for implementation of Corporate Environment Responsibility vide OM No.F.NO.22-65/2017-IA.III dated 1<sup>st</sup> May 2018 and Om

No.F.No. 22-65/2017-IA-III dated 19<sup>th</sup> June 2018 has instructed to impose of Corporate Environment Responsibility (CER) on any Environmental Clearance issued with effect from 1<sup>st</sup> May 2018 onward. The Project Proponent submitted that the project cost is Rs. 16.50 lakhs (Rupees Sixteen Lakhs Fifty Thousand), therefore, the CER @ 2 % of the project Cost amount to Rs. 33000.00. (Rupees Thirty Three Thousand).

### **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 considered the ADS submitted by the project proponent and recommended for grant of Environmental Clearance.

### **B. TERM OF REFERENCE**

#### **24. Proposal No. SIA/ML/MIN/54875/2020 submitted by Shri.Jonjeng Marak**

The Project Proponent SHRI JONJENG MARAK submitted online application vide proposal No. SIA/ML/MIN/54875/2020 for Term of Reference for mining of boulderstone for an area of 1.00 hectare. The proposal is for mining of boulder stone for use as construction material for various construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Dura Viza, P.O - Dhanua, District:- West Garo Hills, State- Meghalaya and toposheet Survey of India No.78K/6 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	N25°39'20.1"	E89°57'41.1"
2	N25°39'17.0"	E89°57'40.5"
3	N25°39'16.4"	E89°57'44.1"
4	N25°39'19.8"	E89°57'44.5"

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West and South West Garo Hills Territorial Division, Tura vide letter No.B/16/VII/NOC/MMMCR/2631-33 dated Tura the 19<sup>th</sup> July 2019 and letter of Intent vide letter No.B/16/VII/2634 dated Tura, the 19<sup>th</sup> July 2019.

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/26/2019/80 dated Williamnagar, the 14<sup>th</sup> August 2019. The Mining Plan has been prepared to extract Lime stone at an annual production of 40550 TPA with a project cost of Rs.12.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

The total mineable reserve would be 330100 Tonnes with an average annual production of 40550 tones per annum. The production in the period of the mining plan will be around 149760 tones in 5





years with a balance reserve is 180340 tones sufficient to meet 4.44 years. Thus the total life of the mine is  $5+4.44 = 9.44$  say 10 years. The mine falls within the parameter of the District Survey Report related to West Garo Hills District.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar, Government of Meghalaya, vide letter No.DMO-W/MP/15/2019/87 dated Williamnagar, the 26<sup>th</sup> August 2019, where it mentioned that there are another two boulder stone mines of different project proponent lying within 500 metres radius from the applied mining lease area with a total area of all the three mines is 11.8 hectares. Hence the applied mining area falls under cluster category B2 with a total cluster area of 11.8 ha and as per Ministry of Environment, Forest and Climate Change Notification No.S.O.3977(E) dated New Delhi, the 14<sup>th</sup> August 2018 in appendix - XI, the project proponent needs to prepare Environment Management Plan.

### **Recommendation**

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth, the committee unanimously recommended for Standard Term of Reference.

### **25. Proposal NoSIA/ML/MIN/54621/2020 submitted by Smt. Medallin Kurbah**

The Project Proponent Smti. Medallin Kurbah, submitted online application vide proposal No.SIA/ML/MIN/54621/2020 for Term of Reference for mining of limestone for an area of 0.266 hectare. The proposal is for mining of lime stone to be used for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Mawlong, MawlongSirdarship, East Khasi Hills District, Meghalaya and toposheet Survey of India No.780/12 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 11' 24.23"N	91° 41' 37.77"E
2	25° 11' 25.21"N	91° 41' 37.83"E
3	25° 11' 25.368"N	91° 41' 34.692"E
4	25° 11' 24.396"N	91° 41' 34.62"E

The proposed land is on lease for a period of 30 years which was executed on 23<sup>rd</sup> January 2018 and certified by Sub-Registrar, Sohra.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi Territorial Division, Shillong vide letter No.KH/8/NOC/Limestone/41/Pt.IV/1472-A, dated Shillong, the 5<sup>th</sup> June 2020 and letter of Intent vide letter No.KH/8/ML/Limestone/68/1483 dated Shillong, the 5<sup>th</sup> June 2018, subsequently renewed vide letter No. KH/8/ML/Limestone/68/7154 dated Shillong, the 18<sup>th</sup> March 2020. The project proponent has

obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Government of Meghalaya, vide letter No.DMR/MM/203/2018/15 dated Shillong, the 26<sup>th</sup> June, 2020 which states that there are another four limestone mines of different owner lying within 500 metres from the applied mining lease area. Hence the applied mining area falls under cluster category since the total area of five mines is summed up to 7.779 hectares. The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the office of the Director of Mineral Resources, Government of Meghalaya, Shillong vide letter No.DMR/MM/203/2018/6548, dated Shillong, the 29<sup>th</sup> January, 2019. The Mining Plan has been prepared to extract Lime stone at an average annual production of 12580 TPA with a project cost of Rs.24.50 lacs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves of limestone is of the order of 68000 tonnes. The production in the period of the mining plan will be around 61,190 tonnes in 5 years. Therefore, the balance reserves will be (68000-61190) or 6810 tonnes. If the production target is 12580 tonnes, the balance reserve will be sufficient for (6810/12580) or 0.54 years. Thus, the total life of the mine is 5+0.54 or say 6 years.

### **Recommendation**

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth, the committee unanimously recommended for Standard Term of Reference.

  
Chairman

State Expert Appraisal Committee  
Meghalaya: Shillong



# STATE EXPERT APPRAISAL COMMITTEE (SEAC)

::MEGHALAYA ::

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

## 34<sup>th</sup> MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE (SEAC)



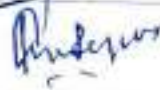

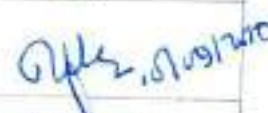

**VENUE:** CONFERENCE HALL, OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF  
FORESTS & HoFF, MEGHALAYA, 'SYLVAN HOUSE', SHILLONG.

**DAY- 1**

**DATE:** 10th September 2020. **TIME:** 10.30 A.M.

### ATTENDANCE SHEET

#### MEMBERS PRESENT:

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

# STATE EXPERT APPRAISAL COMMITTEE (SEAC)

::MEGHALAYA ::

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

## 34<sup>th</sup> MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE (SEAC)

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

**DAY- 2**

**DATE:** 11<sup>th</sup> September 2020. **TIME:** 11.30 A.M.

### ATTENDANCE SHEET

#### MEMBERS PRESENT:

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