



STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

:: MEGHALAYA ::

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MINUTES OF THE MEETING OF THE SEIAA, MEGHALAYA.

HELD ON 22nd December, 2023, AT 12:30 PM,

VENUE: OFFICE CHAMBER OF THE CHAIRMAN.

Members present in the Meeting:

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

Proceedings:

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

Agenda 1: Action taken Report - The Member Secretary informed about the action of the decisions taken in the last SEIAA's meeting held on 17th November, 2023 and circulated the Minutes of the said meeting. The meeting approved the actions taken and confirmed the proceedings.

Agenda 2: Grant of Environmental Clearance (EC)

2.1 Proposal No.SIA/ML/MIN/446812/2023 submitted by Smt. Promilla Marak

The Project Proponent, Smti. Promilla Marak submitted an online application vide proposal No. SIA/ML/MIN/446812/2023 for Environmental Clearance for Ghasuragao Brick Earth Quarry Permit for an area of 1.11 hectare. The proposal for mining of brick earth is for making bricks for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Ghasuragao area, P.O. Ampati, South West Garo Hills District, Meghalaya and toposheet No. G45R 14 within the following GPS Coordinates;

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25° 28' 41.3"N	89° 55' 14.4"E
2	25° 28' 43.6"N	89° 55' 16.0"E
3	25° 28' 43.5"N	89° 55' 16.3"E
4	25° 28' 42.5"N	89° 55' 16.6"E
5	25° 28' 42.5"N	89°55' 17.0"E
6	25° 28' 41.7"N	89° 55' 16.9"E
7	25° 28' 39.8"N	89° 55' 20.4"E
8	25° 28' 37.7"N	89° 55' 19.1"E
9	25° 28' 38.3"N	89° 55' 18.0"E
10	25° 28' 40.1"N	89° 55' 16.5"E

The proposed land belongs to the project proponent vide Affidavit which was executed on the 28th August 2019 and certified by the Sub-Registrar, South West Garo Hills, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West, & South-West Garo Hills (1) No.B/16/VII/NOC/MMMCR/3074-76 dated Tura, the 7th September, 2021 and Renewed Letter of Intent vide letter No.B/16/V11/3054, dated Tura, the 27th September, 2023 respectively.

The Project Proponent also obtained the 'No Objection Certificate' issued by the District Agriculture Officer, South West Garo Hills, Ampati vide letter No. AGRI/SWGH/DAO/NOC-2/2023-24/525 dated Ampati, the 19th October 2023.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2019/85 dated Williamnagar, the 11th October 2022 which states that there is no approved mining plan lying within 500 meters from the applied mining lease area. Hence, the Environment Management Plan is not required.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Officer, East Garo Hills District, Williamnagar vide letter No.DMO-W/MP/70/2021/184 dated Williamnagar, the 7th January 2022. The Mining Plan has been prepared to produce 2500 TPA of brick earth or 10 lakhs brick per year with a project cost of Rs.6.5 lakhs and the operations will be open cast, mechanized method of mining.

As per the approved mining plan, the mineable reserves are of the order of 35,680 MT. The production in the period of this mining plan will be around [2,500 MT in 5 years. Therefore, the balance reserves will be (35,680-12,500) or 23,180 MT. If the production target is 2500 MT, the balance reserve will be sufficient for (23,180 /2500) or 9.27 years. Thus, the total life of the mine is 5+9.27=14.27 years.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in its meeting noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC and unanimously resolved to grant Environmental Clearance to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Environmental Clearance to this project, with 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 and with the following conditions:

1. A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken, that spoils etc. generated from mining are not carried along.
2. Garland drains is to be constructed along the periphery of the mining lease boundary to capture the storm water run-off from the mining area, all drains will link to a settling tank with compartments to check and arrest siltation in the mine water prior to discharge.
3. Curtain Drain is to be constructed properly to intercept the surface water from flowing into the mining area and water flowing out of the mine channelized to the Settling tank.
4. If any debris etc. overflows to adjoining land/agricultural field etc. during the mining operation Monitoring Agency is to take necessary action as per relevant section(s) of Water (Prevention & Control of Pollution) Act, 1974.
5. In annual EMP budget under GREENBELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.

6. To increase the allocation for plantation and maintenance to a minimum of Rs. 1 lakh per annum and increase the number of saplings to be planted. The Nurseries for the approved species as given in the EIA report should be created before commencement of the mining plan and the types of species should be according to the Forest Department Plantation Norms (Amended in 31.03.2023) & plantation should be done in the 1st and 2nd year of the planed period.
7. CER should be included in the capital cost and it should be increased to a minimum of Rs. 1 lakh annually.
8. Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
9. GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
10. A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTE & CTO by MSPCB should be installed at the entrance to the mining site and clearly visible.
11. Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
12. Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.
13. The Green Belt shall be created within the Safety Zone area during the first year of the project and if there are any sorts of vegetation in the said area, they shall be preserved and not damaged.

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

2.2 Proposal No.SIA/ML/MIN/451575/2023 submitted by Smti. Duwanrikynti Puwein

The Project Proponent, Smti. Duwanrikynti Puwein submitted an online application vide proposal No. SIA/ML/MIN/451575/2023 for Environmental Clearance for Shngi Ramshiang Boulder Stone Mine for mining of boulder stone for an area of 1.50 hectares. The proposal is for mining of boulder stone to be used for construction of buildings & making/dressing of roads. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Shngi Ramshiang Mawkynrew, Umsohpieng village, West Khasi Hills District, Meghalaya and toposheet No. G46N1 within the following GPS Coordinates;

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25° 46' 45.71" N	91° 6' 28.56" E
2	25° 46' 47.28" N	91° 6' 23.63" E
3	25° 46' 45.35" N	91° 6' 21.32" E
4	25° 46' 42.72" N	91° 6' 26.39" E

The proposed land is on lease for a period of 29 years vide Deed of Lease which was executed on the 19th July 2023 at Nongstoin and certified by the District Registrar, West Khasi Hills District, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Social Forestry & Territorial Division, West & South West Khasi Hills, Nongstoin vide letter No. T/WSW/21/NOC(8)/697 dated Nongstoin, the 7th August, 2023 and Letter of Intent vide letter No. T/W&SW/SQ/20-21/259/698, dated Nongstoin, the 8th August, 2023 respectively.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/187/2023/07 dated Shillong, the 3rd November

2023 which states that there is no approved mining plan lying within 500 meters from the applied mining lease area. Hence, the Environment Management Plan is not required.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Mining Engineer, Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/187/2023/04 dated Shillong, the 10th October 2023. The Mining Plan has been prepared to extract boulder stone at the rate of 40,130 MT per annum with a project cost of ₹14.00 lakhs and the operations will be open cast, mechanized method of mining.

As per the approved mining plan, the mineable reserves of boulder stone are of the order of 3,95,260 Tonnes. The production in the period of this mining plan will be around 2,00,670 Tonnes in 5 years. Therefore, the balance reserves will be (3,95,260-2,00,670) or 1,94,590 Tonnes. If the yearly production target is 40,150 Tonnes, the balance reserve will be sufficient for (1,94,590 /40,150) or 4.84 years. Thus, the total life of the mine is 5+4.84=9.840r say 10 years.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in its meeting noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC and unanimously resolved to grant Environmental Clearance to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Environmental Clearance to this project, with 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 and with the following conditions:

1. A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that, spoils etc. generated from mining are not carried along.
2. Garland drains is to be constructed along the periphery of the mining lease boundary to capture the storm water run-off from the mining area, all drains will link to a settling tank with compartments to check and arrest siltation in the mine water prior to discharge.
3. Curtain Drain is to be constructed properly to intercept the surface water from flowing into the mining area and water flowing out of the mine channelized to the Settling tank.
4. If any debris etc. overflows to adjoining land/agricultural field etc. during the mining operation Monitoring Agency is to take necessary action as per relevant section(s) of Water (Prevention & Control of Pollution) Act,1974.
5. In annual EMP budget under GREENBELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.
6. To increase the allocation for plantation and maintenance to a minimum of Rs. 1 lakh per annum and increase the number of saplings to be planted. The Nurseries for the approved species as given in the EIA report should be created before commencement of the mining plan and the types of species should be according to the Forest Department Plantation Norms (Amended in 31.03.2023) & plantation should be done in the 1st and 2nd year of the planed period.
7. CER should be included in the capital cost and it should be increased to a minimum of Rs. 1 lakh annually.
8. Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5feet below ground and minimum 8 inches on all face of pillar should be erected.

9. GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
10. A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTE & CTO by MSPCB should be installed at the entrance to the mining site and clearly visible.
12. Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
13. Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.
14. The Green Belt shall be created within the Safety Zone area during the first year of the project and if there are any sorts of vegetation in the said area, they shall be preserved and not damaged.

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

2.3 Proposal No.SIA/ML/MIN/433075/2023 submitted by Shri. Bullstarwell Marbaniang

The Project Proponent, Shri. Bullstarwell Marbaniang submitted online application vide proposal No. SIA/ML/MIN/433075/2023 for Environmental Clearance for Mawtynrong Boulder Stone Mine for mining of boulder stone for an area of 1.15 hectare. The proposal is for mining of boulder stone to be used for construction of buildings & making/dressing of roads. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Mawtynrong, Rambrai Syiemship, West Khasi Hills District, Meghalaya and toposheet No. G46N6 within the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25° 41' 12.43"N	91° 19' 29.95"E
2	25° 41' 10.25"N	91° 19' 31.35"E
3	25° 41' 09.57"N	91° 19' 32.57"E
4	25° 41' 07.43"N	91° 19' 31.85"E
5	25° 41' 07.00"N	91° 19' 30.43"E
6	25° 41' 10.90"N	91° 19' 27.96"E
7	25° 41' 11.89"N	91° 19' 28.31"E

The proposed land belongs to the project proponent vide Sale Deed which was executed on the 19th March 2022 and certified by the Public Notary, West Khasi Hills District, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Social Forestry & Territorial Division, West & South West Khasi Hills, Nongstoin vide letter No. T/WSW/21/NOC(8)/1236 dated Nongstoin, the 11th October, 2023 and Letter of Intent vide letter No. T/W&SW/22-23/5Q/245/1247, dated Nongstoin, the 12th October, 2022 respectively.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/177/2022/08 dated Shillong, the 12th April 2023 which states that there is no approved mining plan lying within 500 meters from the applied mining lease area. Hence, the Environment Management Plan is not required.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Mining Engineer, Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/177/2022/04 dated Shillong, the 1st February 2023. The Mining Plan has been prepared to extract boulder stone at the rate of 40,000 MT/annum with a project cost of Rs.19.00 lakhs and the operations will be open cast, mechanized method of mining.

As per the approved mining plan, the mineable reserves of boulder stone are of the order of 2,37,020 Tonnes. The production in the period of this mining plan will be around 2,00,000 Tonnes in 5 years. Therefore, the balance reserves will be (2,37,020-2,00,000) or 37,020 Tonnes. If the yearly production target is 40,000 Tonnes, the balance reserve will be sufficient for (37,020/40,000) or 0.92 years. Thus, the total life of the mine is $5+0.92=5.92$ or say 6 years.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in its meeting noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC and unanimously resolved to grant Environmental Clearance to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Environmental Clearance to this project, with 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 and with the following conditions:

1. A retaining wall of adequate height not less than 6 ft above the ground level and 4-6 ft below the ground level is to be constructed within mining site for stacking of Over Burden (OB). to ensure that no debris etc. overflows to adjoining land/agricultural field.
2. A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that. spoils etc. generated from mining are not carried along.
3. Garland drains is to be constructed along the periphery of the mining lease boundary to capture the storm water run-off from the mining area, all drains will link to a settling tank with compartments to check and arrest siltation in the mine water prior to discharge.
4. Curtain Drain is to be constructed properly to intercept the surface water from flowing into the mining area and water flowing out of the mine channelized to the Settling tank.
5. If any debris etc. overflows to adjoining land/agricultural field etc. during the mining operation Monitoring Agency is to take necessary action as per relevant section(s) of Water (Prevention & Control of Pollution) Act, 1974.
6. In annual EMP budget under GREENBELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.
7. To increase the allocation for plantation and maintenance to a minimum of Rs.1lakh per annum and increase the number of saplings to be planted. The Nurseries for the approved species as given in the EIA report should be created before commencement of the mining plan and the types of species should be according to the Forest Department Plantation Norms (Amended in 31.03.2023) & plantation should be done in the 1st and 2nd year of the planed period.
8. CER should be included in the capital cost and it should be increased to a minimum of Rs. 1 lakh annually.
9. Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
10. GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
11. A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTE & CTO by MSPCB should be installed at the entrance to the mining site and clearly visible.

- bamboo fencing is to be erected all around the periphery of the approved mining area.
13. Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.
 14. The Green Belt shall be created within the Safety Zone area during the first year of the project and if there are any sorts of vegetation in the said area, they shall be preserved and not damaged.

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

Agenda 3: Grant of Term of Reference (ToR)

3.1 Proposal No.SIA/ML/MIN/451691/2023 submitted by Shri. Jengna Marak.

The Project Proponent, Shri. Jengna Marak submitted online application vide proposal No. SIA/ML/MIN/451691/2023 for re-appraisal and grant of fresh Terms of Reference for Manggapara Stone Mine for mining of boulder stone for an area of 1.28 hectare. The proposal is for mining of boulder stone use for construction purposes; hence the project fall under Schedule 1(a) of category B1 of EIA Notification 2006. The area is located at located at Manggapara, P.O Zikabari, P.S Tura, West Garo Hills District, Meghalaya and toposheet No. G46M2 with the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25° 37' 29.40"N	90° 00' 39.02"E
2	25° 37' 29.16"N	90° 00' 43.80"E
3	25° 37' 31.92"N	90° 00' 43.84"E
4	25° 37' 31.89"N	90° 00' 35.04"E

The proposed land is on lease for a period of 15 years vide Deed of Lease which was executed on the 22nd May 2017 and certified by the District Registrar, Tura, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West & South-West Garo Hills (T) Division, Tura vide letter No.B/16/VII/NOC/MMMCR/1465-471 dated Tura, the 20th June, 2017 and Letter of Intent vide letter No.B/16/V11/2294, dated Tura, the 21st August, 2017 respectively.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2023/22 dated Williamnagar, the 19th May 2023 which states that there are three (3) approved mining plan lying within 500 meters from the applied mining lease area Hence the applied mining area falls under cluster category since the total area of total four mines is summed up to 5.3 hectares.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Officer, East Garo Hills District, Williamnagar vide letter No.DMO-W/MP/84/2022/57 dated Williamnagar, the 2nd August 2023. The Mining Plan has been prepared to extract boulder stone at the rate of 79464 TPA with a project cost of ₹21.00 lakhs and the operations will be open cast, mechanized method of mining. As per the approved mining plan, the estimated life of the mine is 9.99 years or say 10 years.

The project was already awarded Environmental Clearance by the District Environment Impact Assessment Authority, Meghalaya vide letter No. WGH/DEIAA/EC/2017/2 dated Tura the 20th November 2017 and also obtained a detail statement of royalty from the Divisional Forest Officer, West & South-West Garo Hills (T) Division, Tura vide letter No.B/16/V11/1857 dated Tura, the 22nd May, 2023.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in its meeting noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC and unanimously resolved to grant Terms of Reference to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Terms of Reference to this project, with the terms and conditions as stipulated in "Standard TOR Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019 and with the following conditions vide Ministry' OM No.22-34/2018-IA-III dtd 16.01.2020;

- 1) Site photographs together with photographs and other related details of site visits by resource persons of NABET accredited consultant of project proponent, with their names and profession/designation, together with date(s) of visit, date(s) of data collection including names of instrument /machine actually used in the field, during preparation of EIA report, is to be clearly highlighted in the EIA/EMP report.
- 2) Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5feet below ground and minimum 8 inches on all face of pillar should be erected.
- 3) GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.

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

3.2 Proposal No.SIA/ML/MIN/440937/2023 submitted by Shri. Pynkhrwlang Kharkongor

The Project Proponent, Shri. Pynkhrwlang Kharkongor submitted online application vide proposal No. SIA/ML/MIN/440937/2023 for Terms of Reference for mining of boulder stone for an area of 3.0 hectares. The proposal is for mining of boulder stone to be used for construction of buildings & making/dressing of roads. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Madan Thangsnung, Raid Nongbri, Khyrim Syiemship, East Khasi Hills District, Meghalaya and toposheet No. G46N14 within the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25° 29' 32.92"N	91°35' 40.33"E
2	25° 29' 34.83"N	91° 55' 38.67"E
3	25° 29' 37.94"N	91° 55' 44 90"E
4	25° 29' 33.53"N	91° 55' 48.14"E
5	25° 29' 32.66"N	91° 55' 41.86"E

The proposed land is on lease for a period of 20 years vide Deed of Lease which was executed on the 7th November 2017 and certified by the Public Notary, East Khasi Hills District, Meghalaya.

The applied area is a Non-Forest Land which was confirmed by the Divisional Forest Officer, Khasi Hills (T) Division, Shillong vide letter No.KH/9/NOC/stone/41/Pt.111/10,062 dated Shillong, the 21st December, 2017 and Letter of Intent which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi (T) Division, Shillong vide letter No.KH/8/ML/Stone/69/4107, dated Shillong, the 6th December, 2022.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya vide letter No. DMR/MM/180/2023/06 dated Shillong, the 12th April 2023 which states that there are two (2) approved mining plan lying within 500 meters from the applied

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya vide letter No. DMR/MM/180/2023/06 dated Shillong, the 12th April 2023 which states that there are two (2) approved mining plan lying within 500 meters from the applied mining lease area and the total area of three mines is summed up to 7.9 hectares. Hence the applied mining area falls under cluster category.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Mining Engineer, Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/180/2023/02 dated Shillong, the 3rd March 2023. The Mining Plan has been prepared to extract boulder stone at the rate of 2,00,000 MT/annum with a project cost of ₹24.50 lakhs and the operations will be open cast, mechanized method of mining.

As per the approved mining plan, the mineable reserves of boulder stone are of the order of 10,02,000 MT. The production in the period of this mining plan will be around 10,00,000 MT in 5 years. Therefore, the balance reserves will be (10,02,000 - 10,00,000) or 2000 MT. If the yearly production target is 20.00,000 MT, the balance reserve will be sufficient for (2000) or 0.01 years. Thus, the total life of the mine is $5+0.1=5.01$ or say 5 years.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in its meeting noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC and unanimously resolved to grant Terms of Reference to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Terms of Reference to this project, with the terms and conditions as stipulated in "Standard TOR Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019 and with the following conditions vide Ministry' OM No.22-34/2018-IA-III dtd 16.01.2020;

- 1) As depicted from google earth the road is less than 200 meters from the proposed mining site. As per the Amended Notification of MMMCR 2016, dated 21.09.2020, Amendment Rule 4.1.(b): It is stated that no mining lease and quarry permit shall be granted in respect of any land within a distance of 100 m from any village, water source, bridges, dams, reservoirs and from the edge of the State Highways and any other roads when blasting is not involved and 200 meters restriction when blasting is involved. Hence, Project Proponent is to obtain written justification stated that blasting will not involve in mining site and submit the same before application of final Environmental Clearance.
- 2) Blasting is not allowed in the proposed mining site.
- 3) LOI ought to be renewed as the validity has expired.
- 4) Site photographs together with photographs and other related details of site visits by resource persons of NABET accredited consultant of project proponent, with their names and profession/designation, together with date(s) of visit, date(s) of data collection including names of instrument/machine actually used in the field, during preparation of EIA report, is to be clearly highlighted in the EIA/EMP report.
- 5) A Comprehensive Environment Management Plan and Regional Environment Management Plan is to be furnished in the EIA/EMP.
- 6) Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.

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

3.3 Proposal No.SIA/ML/MIN/424419/2023 submitted by Shri. Jengna Marak.

The Project Proponent, Shri. Jengna Marak submitted online application vide proposal No. SIA/ML/MIN/424419/2023 for grant of fresh Terms of Reference for Wakrugre Stone Mine for mining of boulder stone for an area of 7.13 hectares. The proposal is for mining of boulder stone use for construction purposes; hence the project fall under Schedule 1(a) of category BI of EIA Notification 2006. The area is located at Wakrugre, P.O Zikabari, P.S Tura, West Garo Hills District, Meghalaya and toposheet No. G46M2 with the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25°38' 11.70" N	89° 59' 03.20" E
2	25° 38' 13.30" N	89° 59' 00.70" E
3	25° 38' 16.80" N	89° 59' 00.40" E
4	25° 38' 19.10" N	89° 58' 58.56" E
5	25° 38' 20.10" N	89° 58' 55.60" E
6	25° 38' 22.30" N	89° 59' 01.50" E
7	25° 38' 25.70" N	89° 59' 02.30" E
8	25° 38' 21.90" N	89° 59' 06.80" E
9	25° 38' 18.70" N	89° 59' 08.40" E
10	25° 38' 17.00" N	89° 59' 08.20" E
11	25° 38' 14.20" N	89° 59' 05.20" E

The proposed land belongs to the project proponent vide Gift deed of Land which was executed on the 27th August 2020 and certified by the District Registrar, Tura, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West & South-West Garo Hills (T) Division, Tura vide letter No.B/16/VII/NOC/MMMCR/189-91 dated Tura, the 24th January, 2022 and Letter of Intent which was confirmed by the Principal Chief conservator of Forests &HoFF, Meghalaya vide letter No.MFG/39/42/LOI/MMMCR/2016/7652 dated Shillong, the 30th September 2021.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2019/2656 dated Williamnagar, the 22nd March 2023 which states that there is approved mining plan lying within 500 meters from the applied mining lease area. Hence the applied mining area falls under cluster category since the proposed area summed up to 7.13 hectares.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Officer, East Garo Hills District, Williamnagar vide letter No.DMO-W/MP/84/2022/73 dated Williamnagar, the 11th September 2023. The Mining Plan has been prepared to extract boulder stone at the rate of 186010 TPA with a project cost of ₹21.00 lakhs and the operations will be open cast, mechanized method of mining.

As per the approved mining plan, the mineral reserves have been estimated to the tune of 3658176 Tonnes. Taking the average production target of 186010 tonnes per year and life of mine will be 3658176 tonnes/ 186010 tonnes=20 years.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in its meeting noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC and unanimously resolved to grant Terms of Reference to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Terms of Reference to this project, with the terms and conditions as stipulated in "Standard TOR Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019 and with the following conditions vide Ministry' OM No.22-34/2018-IA-III dtd 16.01.2020;

- 1) Site photographs together with photographs and other related details of site visits by resource persons of NABET accredited consultant of project proponent, with their names and profession/designation, together with date(s) of visit, date(s) of data collection including names of instrument/machine actually used in the field, during preparation of EIA report, is to be clearly highlighted in the EIA/EMP report.
- 2) Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
- 3) A Comprehensive Environment Management Plan and Regional Environment Management Plan is to be furnished in the EIA/EMP.

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

3.4 Proposal No.SIA/ML/MIN/452518/2023 submitted by Amrit Cement Limited.

The Project Proponent, Amrit Cement Limited submitted online application for grant of fresh Term of Reference vide proposal No.SIA/ML/MIN/452518/2023 for Mulieh Umlong Limestone Mine for mining of limestone for an area of 7.33 hectares. The proposal is for mining of limestone which is meant for the captive consumption in the cement plant. The project falls under Schedule (a) of category B1 of EIA Notification 2006. The mining lease area is located at Umlong Village, Khliehriat Taluka, East Jaintia Hills District, Meghalaya and toposheet No.83 C/8 within the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
A	25° 10' 33.1330"N	92° 20' 41.4659"E
B	25° 10' 23.9134"N	92° 20' 39.0294"E
C	25° 10' 20.2303"N	92° 20' 33.8749"E
D	25° 10' 22.1203"N	92° 20' 33.1506"E
E	25° 10' 22.8474"N	92° 20' 31.0577"E
F	25° 10' 27.4441"N	92° 20' 32.4951"E
G	25° 10' 35.2778"N	92° 20' 37.3061"E
H	25° 10' 35.1441"N	92° 20' 38.9028"E

The proposed mining land belongs to Shri. Bhalang Sing Phanbuh who submitted an application for authorizing grant of a Mining Lease for Limestone an area of 7.33 hectares of land at Mulieh, Umlong Village, Elaka Rymbai, East Jaintia Hills District, Meghalaya in favour of Amrit Cement Limited, Village Umlaper, Elaka Rymbai, East Jaintia Hills, Meghalaya (Lessee) under the provisions Chapter IX of the Minerals (Other than Atomic and Hydro Carbon Energy Minerals) Concession Rules, 2016.

The applied area is a Non-Forest Land which was confirmed by the PCCF, Meghalaya vide Memo No. MFG 16/50/4957-81 dated 19th July, 2013 Letter of Intent (LoI) for grant of Mining Lease (ML) was also issued to Amrit Cement Limited, vide State Government letter No. MG.58/2022/46 dated 11th January 2023 under Chapter IX of the Minerals (Other than Atomic and Hydro Carbon Energy Minerals) Concession Rules, 2016.

The project proponent submitted Mining Plan with Progressive Mine Closure Plan approved by the Deputy controller of Mines (In charge), Ministry of Mines, Indian Bureau of Mines, O/o the Regional Controller of Mines, Guwahati vide letter No. MCDR-MPCPOCaF1/6/2023-GUH-IBM_RO_GUH dated 20th October 2023. The Mining Plan has been prepared to extract lime stone at the rate of 0.5 MTPA TPA with a project cost of ₹150.00 lakhs and the operations will be open cast, semi-mechanized method of mining. As per the approved mining plan, the anticipated life of mine is 6 years.

Decision:

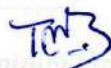
The State Environment Impact Assessment Authority, Meghalaya, in its meeting noted the recommendation in the above said SEAC's Minutes relating to this project and accepted the recommendation of the SEAC and unanimously resolved to grant Terms of Reference to this project.

Accordingly, on recommendation of the SEAC and as per the EIA Notification- 2006 and its subsequent amendments, the SEIAA in the meeting unanimously grant Terms of Reference to this project, with the terms and conditions as stipulated in "Standard TOR Conditions for Non-Coal mining sector" issued vide Ministry' OM No.22-24/2018-IA-III dtd. 08.01.2019 and with the following conditions vide Ministry' OM No.22-34/2018-IA-III dtd 16.01.2020;

- 1) Site photographs together with photographs and other related details of site visits by resource persons of NABET accredited consultant of project proponent, with their names and profession/designation, together with date(s) of visit, date(s) of data collection including names of instrument/machine actually used in the field, during preparation of EIA report, is to be clearly highlighted in the EIA/EMP report.
- 2) Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
- 3) A Comprehensive Environment Management Plan and Regional Environment Management Plan is to be furnished in the EIA/EMP.
- 4) GPS coordinates of each pillar should be carved/painted clearly on the pillars with red colour.

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

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



Chairman

State Environment Impact Assessment Authority
Meghalaya, Shillong.