



STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY (SEIAA)

:: MEGHALAYA ::

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MINUTES OF THE MEETING OF THE SEIAA, MEGHALAYA.

HELD ON 19th JULY, 2023, AT 3:00 p.m.

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 & EMember 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 30th June, 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/82037/2020 submitted by Smti. Promilla R. Marak

Deliberation:

The Project Proponent, Smti. Promilla R. Marak submitted an online application for Environmental Clearance vide proposal No. SIA/ML/MIN/82037/2020 for mining of boulder stone for an area of 1.33 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 near Maraka Chiring Village, Manggapara, P.O. Zekabari, West Garo Hills District, Meghalaya and Survey of India toposheet No. 78G/14 & No.78K/2 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 36'42.97"N	90° 01'06.66"E
2	25° 36'43.97"N	90° 01'03.73"E
3	25° 36'47.43"N	90° 01'06.44"E
4	25° 36'46.13"N	90° 01'08.35"E

The proposed mining area is on lease for a period of 10 years vide Deed of Lease made on the 5th June 2017 certified by District Registrar, Tura, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West & South-West Territorial Division, Tura vide letter No.B/16/VII/NOC/MMMCR/5622-24 dated Tura, the 24th November, 2019 and Letter of Intent vide letter No.B/16/VII/1211, dated Tura, the 29th March, 2018 respectively.

The project proponent obtained a cluster certificate from the Division Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2019/103 dated Williamnagar, the 25th September 2019 which states that there are five (5) approved mining plan lying within 500 metres from the applied mining lease area. Hence the applied mining area falls under cluster category since the total area of six mines is summed up to 5.53 hectares.

The project proponent submitted the approved Mining Plan with Progressive Mine Closure Plan approved by the Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/165/2018/1274 dated Shillong, the 19th November, 2018. The Mining Plan has been prepared to extract boulder stone at the rate of 127250 TPA with a project cost of ₹20.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves of stone are of the order of 752900 Tons. The production in the period of the mining plan will be around 535920 tons in 5 years. Therefore, the balance reserves will be (752900-535920) or 216980 Tons. If the production target is 127250 tons, the balance reserve will be sufficient for (216980 /127250) or 1.7 years. Thus, the total life of the mine is 5+1.7=6.7 or say 7 years.

The project was already awarded Term of Reference by the State Environment Impact Assessment Authority, Meghalaya vide letter No.ML/SEIAA/MIN/WGH/P-5/2020/1363 dated Shillong the 29th June 2020 and submitted the final EIA/EMP for the proposed Mining of boulder stone where the project proponent complied all the points in compliance to the Term of Reference prepared by GEOGREEN ENVIRO HOUSE PVT. LTD.

The public hearing was held on 25th March 2022 which was conducted by the Meghalaya State Pollution Control Board and presided over by Shri. Saljagring Momin, MCS, Executive Magistrate, West Garo Hills District.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 19th July, 2023 noted and accepted the recommendation in the above said SEAC's Minutes relating to this project and unanimously resolved to grant Environment 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 Environment 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. LOI ought to be renewed as the validity has expired.
2. The Project Proponent ought to obtain a Wildlife Certificate from the Chief Wildlife Warden/ Deputy Conservator of Forest specifying that there is no Wildlife Sanctuary, National Park and Community reserve located near the proposed project.

3. A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc. carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc. are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.
4. 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.
5. 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.
6. 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.
7. In annual EMP budget under GREEN BELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.
8. To increase the allocation for plantation and maintenance to a minimum of Rs. 1 lakh per annum and double the number of plants to be planted. Nurseries of approved species 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.
9. CER should be included in the capital cost and it should be increased to a minimum of ₹1 lakh annually.
10. 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 faces of the pillar should be erected.
11. GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
12. A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
13. Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
14. Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.
15. The Green Belt shall be created within the 7.5 meter 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/426264/2023 submitted by Shri. Teson Dkhar.

Deliberation:

The Project Proponent, Shri. Teson Dkhar submitted online application for Environmental Clearance vide Proposal No. SIA/ML/MIN/426264/2023 for Teson Dkhar Limestone Mine for mining of limestone for an area of 1.07 hectares. 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 Lumshnong, Elaka Narpuh, East Jaintia Hills District, Meghalaya and toposheet Survey of India No.83 C/8 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 09' 58.6"N	92° 22' 53.0"E
2	25° 09' 59.4"N	92° 22' 53.1"E
3	25° 10' 00.1"N	92° 22' 53.6"E
4	25° 10' 00.3"N	92° 22' 54.2"E
5	25° 10' 00.1"N	92° 22' 55.2"E
6	25° 09' 59.7"N	92° 22' 55.8"E
7	25° 09' 59.4"N	92° 22' 56.3"E
8	25° 09' 58.9"N	92° 22' 56.6"E
9	25° 09' 58.4"N	92° 22' 56.8"E
10	25° 09' 57.3"N	92° 22' 56.6"E
11	25° 09' 56.8"N	92° 22' 56.2"E
12	25° 09' 56.4"N	92° 22' 55.6"E
13	25° 09' 56.0"N	92° 22' 54.7"E
14	25° 09' 55.5"N	92° 22' 54.6"E
15	25° 09' 55.9"N	92° 22' 54.0"E
16	25° 09' 56.1"N	92° 22' 53.2"E
17	25° 09' 58.2"N	92° 22' 53.5"E

The proposed mining area belongs to the project proponent as per Land holding certificate vide No.JHADDC/REV/LHC/510/89 dated Jowai, the 7th February 2012.

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/626, dated Jowai, the 13th June, 2018 and letter of Intent vide letter No.JH/MMMCR-2016/2016-17/869/B/2213 dated Jowai, the 16th January 2019 respectively.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/33/MM/Mining Plan/2019-2020/119 dated Jowai, the 2nd September 2020 which states that there are three (3) approved mining plans lying within 500 metres from the applied mining lease area. Hence the applied mining area falls under cluster category since the total area of four mines is summed up to 10.816 hectares.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/33/MM/Mining Plan/2019-20/117 dated Jowai, the 24th August 2020. The Mining Plan has been prepared to extract lime stone at the rate of 65,070MTPA with a project cost of ₹19.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves of limestone are of the order of 6,02,200 tonnes. The production in the period of the mining plan will be around 252720 tonnes in 5 years. Therefore, the balance reserves will be (602200 - 252720) or 349480 tonnes. If the production target is 65070 tonnes, the

balance reserve will be sufficient for (349480 /65070) or 5.37 years. Thus, the total life of the mine is $5+5.37=10.37$ or say 11 years.

The project was already awarded Term of Reference by the State Environment Impact Assessment Authority, Meghalaya vide letter No.ML/SEIAA/MIN/EJH/P-165/2021/890 dated Shillong the 11th October 2021 and submitted the final EIA/EMP for the proposed Mining of Lime stone where the project proponent complied all the points in compliance to the Term of Reference prepared by Gaurang Environmental Solutions Pvt. Ltd.

The public hearing was held on 2nd September 2022 which was conducted by the Meghalaya State Pollution Control Board and presided over by Shri.G. Warjri, MCS, ADC, East Jaintia Hills District.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 19th July, 2023 noted and accepted the recommendation in the above said SEAC's Minutes relating to this project and unanimously resolved to grant Environment 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 Environment 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) LOI ought to be renewed as the validity has expired.
- 2) A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc. carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc. are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.
- 3) 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 GREEN BELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.
- 7) To increase the allocation for plantation and maintenance to a minimum of ₹1 lakh per annum and double the number of plants to be planted. 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 ₹1 lakh annually.
- 9) Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
- 10) GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.

- 11) A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
- 12) Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
- 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 7.5 meter 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/426805/2023 submitted by Shri. Lamshwa Kyndoh

Deliberation:

The Project Proponent, Shri Lamshwa Kyndoh submitted online application for Environmental Clearance vide proposal No.SIA/ML/MIN/426805/2023 for Chetah Lashi Limestone Mine for mining of Lime stone for an area of 2.97 hectares. 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 Chetah Lashi, Lumshnong village, Elaka Narpuh, East Jaintia Hills District, Meghalaya and Survey of India toposheet No.83 C/8 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
LK1	25° 09' 47.9"N	92° 22' 39.7"E
LK2	25° 09' 47.3"N	92° 22' 39.4"E
LK3	25° 09' 46.0"N	92° 22' 39.1"E
LK4	25° 09' 44.8"N	92° 22' 39.3" E
LK5	25° 09' 43.7"N	92° 22' 39.5"E
LK6	25° 09' 42.7"N	92° 22' 38.6"E
LK7	25° 09' 42.3"N	92° 22' 38.0"E
LK8	25° 09' 41.7"N	92° 22' 36.7"E
LK9	25° 09' 41.6"N	92° 22' 34.7"E
LK10	25° 09' 40.8"N	92° 22' 35.8"E
LK11	25° 09' 39.2"N	92° 22' 35.4"E
LK12	25° 09' 39.4"N	92° 22' 36.5"E
LK13	25° 09' 39.6"N	92° 22' 37.9"E
LK14	25° 09' 39.8"N	92° 22' 38.4"E
LK15	25° 09' 39.9"N	92° 22' 38.8"E
LK16	25° 09' 40.0"N	92° 22' 39.3"E
LK17	25° 09' 41.4"N	92° 22' 41.2"E
LK18	25° 09' 42.9"N	92° 22' 41.8"E
LK19	25° 09' 42.5"N	92° 22' 42.1"E
LK20	25° 09' 42.8"N	92° 22' 43.2"E

LK21	25° 09' 43.4"N	92° 22' 43.7"E
LK22	25° 09' 44.8"N	92° 22' 42.8"E
LK23	25° 09' 46.1"N	92° 22' 42.8"E
LK24	25° 09' 48.6"N	92° 22' 42.7"E
LK25	25° 09' 48.7"N	92° 22' 42.8"E
LK26	25° 09' 48.5"N	92° 22' 42.1"E
LK27	25° 09' 48.4"N	92° 22' 41.4"E
LK28	25° 09' 48.1"N	92° 22' 40.4"E

The proposed mining area is on lease vide Lease Agreement made on the 7th September, 2018 certified by Additional Deputy Commissioner, East Jaintia Hills District, Khliehriat.

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/L.K/M.L/2019-20/LS/B/835, dated Jowai, the 10th September, 2020 and letter of Intent vide letter No.JH/L.K/ML/2019-20/LS/B/837 dated Jowai, the 16th September 2020 respectively.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/41/MM/Mining Plan/2020-2021/136 dated Jowai, the 8th March 2021 which states that there are five (5) approved mining plans lying within 500 metres from the applied mining lease area. Hence the applied mining area falls under cluster category since the total area of four mines is summed up to 16.136 hectares.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/41/MM/Mining Plan/2020-21/130 dated Jowai, the 19th January 2021. The Mining Plan has been prepared to extract lime stone at the rate of 125000 TPA with a project cost of ₹20.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves of limestone are of the order of 14,84,000 tonnes. The production in the period of the mining plan will be around 625000 tonnes in 5 years. Therefore, the balance reserves will be (1484000 - 625000) or 859000 tonnes. If the production target is 125000 tonnes, the balance reserve will be sufficient for (859000 /125000) or 6.872 years. Thus, the total life of the mine is 5+6.872=11.872 or say 12 years.

The project was already awarded Term of Reference by the State Environment Impact Assessment Authority, Meghalaya vide letter No.ML/SEIAA/MIN/EJH/P-166/2021/674 dated Shillong the 30th September 2021 and submitted the final EIA/EMP for the proposed Mining of Lime stone where the project proponent complied all the points in compliance to the Term of Reference prepared by Gaurang Environmental Solutions Pvt. Ltd.

The public hearing was held on 2nd September 2022 which was conducted by the Meghalaya State Pollution Control Board and presided over by Shri. G. Warjri, MCS, ADC, East Jaintia Hills District.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 19th July, 2023 noted and accepted the recommendation in the above said SEAC's Minutes relating to this project and unanimously resolved to grant Environment 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 Environment 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) LOI ought to be renewed as the validity has expired.
- 2) A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc. carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc. are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.
- 3) 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 GREEN BELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.
- 7) To increase the allocation for plantation and maintenance to a minimum of ₹1 lakh per annum and double the number of plants to be planted. 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 ₹1 lakh annually.
- 9) Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
- 10) GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
- 11) A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
- 12) Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
- 13) Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.
- 14) A Comprehensive Environment Management Plan and Regional Environment Management Plan is to be furnished.
- 15) A retaining wall of adequate height not less than 6 ft above the ground level and 4-6 feet below the ground level is to be constructed along the southern part of the proposed mining site for stacking of Over Burden (OB), sloping to the National Highway to ensure that no spillage of OB materials.
- 16) The Project Proponent is to attach the land document of the adjoining land which belongs to the same project proponent, as the road is to be constructed from the adjoining land which leads to lowest site of the area where the OB dump is proposed.

17) The Green Belt shall be created within the 7.5 meter 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.

2.4 Proposal No.SIA/ML/MIN/433412/2023 submitted by Smti. Aibandalin Lyngdoh Nongbri.

Deliberation:

The Project Proponent Smt. Aibandalin Lyngdoh Nongbri submitted online application vide proposal No. SIA/ML/MIN/433412/2023 for Environmental Clearance for Langjem Mawpiah Stone Mine for mining of boulder stone for an area of 4.44 hectares. The proposal is for mining of Boulder 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 Langjem, Mawpiah Village, Eastern West Khasi Hills District, Meghalaya and toposheet Survey of India No.78 O/10 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 44' 37.260"N	91° 39' 24.540"E
2	25° 44' 43.200"N	91° 39' 28.140"E
3	25° 44' 41.580"N	91° 39' 35.640"E
4	25° 44' 35.700"N	91° 39' 32.880"E

The proposed land belongs to the project proponent vide Affidavit certified by Public Notary, Government of Meghalaya, Shillong.

The applied area is a Non Forest Land which was confirmed by the Chief Conservator of Forests (T), Meghalaya, Shillong, vide letter No.MFG.39/42/NFLC/MINING/MMMCR/KH/Pt.II/9153, dated Shillong, the 29th September 2022 and Letter of Intent confirmed by the Divisional Forest Officer, Social forestry & territorial division, West & South West Khasi Hills vide letter T/W&SW/22-23/ML/SQ/244/391 dated Nongstoin the 10th May, 2023.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/178/2022/06 dated Shillong, the 14th February 2023 which states that there is no approved mining plan lying within 500 metres 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, Shillong vide letter No.DMR/MM/178/2022/02 dated Shillong, the 17th January 2023. The Mining Plan has been prepared to extract boulder stone at the rate of 150000 TPA with a project cost of ₹14.00lakhs and the operations will be open cast, mechanized method of mining.

As per the mining plan, the mine has a total Reserves of 2721922 MT and after leaving residual benches, the mine is targeted to produce 150000 tons per annum and taking 300 as the average number of working days per annum, the daily production comes to around 500 TPD. Hence, the anticipated life of the mine will be 18.15 years say 19 years.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 19th July, 2023 noted and accepted the recommendation in the above said SEAC's Minutes relating to this project and unanimously resolved to grant Environment 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 Environment 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 GREEN BELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.
- 6) To increase the allocation for plantation and maintenance to a minimum of ₹1 lakh per annum and double the number of plants to be planted. 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 ₹1 lakh annually.
- 8) Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
- 9) GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
- 10) A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
- 11) Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
- 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 7.5 meter 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.

2.5 Proposal No.SIA/ML/MIN/421574/2023 submitted by Shri. Shirley M. Sangma

Deliberation:

The Project proponent, Shri. Shirley M. Sangma submitted online application for Environmental Clearance vide proposal No. SIA/ML/MIN/421574/2023 for Bijang Dare Boulder Stone Mine for mining of boulder stone for an area of 1.98 hectares. The Proposal is for mining of boulder stone to be used for building and road construction materials. The project falls under Schedule 1 (a) of category B2 of EIA Notification 2006. The mining lease area is located at Bijang Dare, Rongsak, East Garo Hills District, Meghalaya and toposheet Survey of India No. G46M6 within the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25° 34'0.31"N	90° 25'19.63"E
2	25° 34'0.01"N	90° 25'26.15"E
3	25° 34'3.87"N	90° 25'26.29"E
4	25° 34'3.81"N	90° 25'20.33"E

The proposed mine is on lease for a period of 15 years vide Lease Agreement made on 12th January 2022 certified by the 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 (T) Division, Williamnagar vide letter No.B/BSM/22/1/1382-87, dated Williamnagar, the 11th February, 2022 and Letter of Intent vide letter No.B/BSM/22/1/1615, dated Williamnagar, the 17th March 2022 respectively.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar, Meghalaya vide letter No.DMO-W/MP/15/2019/75 dated Williamnagar, the 14th September 2022 which states that there is no approved mining plan lying within 500 metres 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, Williamnagar, Meghalaya vide letter No.DMO-W/MP/81/2022/42 dated Williamnagar, the 30th June 2022. The Mining Plan has been prepared to extract boulder stone at the rate of 150260 M TPA with a project cost of ₹24.50 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves of stone are of the order of 657000 MT. The production in the period of the mining plan will be around 551540 MT in 5 years. Therefore, the balance reserves will be (657000-551540) or 105460 MT. If the production target is 150260MT, the balance reserve will be sufficient for (105460 /150260) or 0.7 years. Thus, the total life of the mine is 5+0.7=5.7 or say 6 years.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 19th July, 2023 noted and accepted the recommendation in the above said SEAC's Minutes relating to this project and unanimously resolved to grant Environment 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 Environment 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) LOI ought to be renewed as the validity has expired.
- 2) A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc. carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc. are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.
- 3) 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 GREEN BELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.
- 7) To increase the allocation for plantation and maintenance to a minimum of ₹1 lakh per annum and double the number of plants to be planted. 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 ₹1 lakh annually.
- 9) Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
- 10) GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
- 11) A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
- 12) Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
- 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 7.5 meter 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.

2.6 Proposal No.SIA/ML/MIN/423953/2023 submitted by Shri. Milleng Ch. Marak

Deliberation:

The Project proponent, Shri. Milleng Ch. Marak submitted online application for Environmental Clearance vide proposal No. SIA/ML/MIN/423953/2023 for Mudhapara Stone Mine for mining of boulder stone for an area of 1.92 hectares. The Proposal is for mining of boulder stone to be used for building and road construction materials. The project falls under Schedule 1 (a) of category B2 of EIA Notification 2006. The mining lease area is located at Mudhapara, P.O. Dhanua, P.S. Garobadha, West Garo Hills District, Meghalaya and toposheet Survey of India No. G46M2 within the following GPS Coordinates:

Pillar No.	GPS.Coordinates	
	Latitude	Longitude
1	25° 40'30.97"N	89° 57'08.38"E
2	25° 40'34.00"N	89° 57'13.02"E
3	25° 40'37.82"N	89° 57'09.98"E
4	25° 40'34.67"N	89° 57'06.72"E

The proposed mine is on lease for a period of 20 years vide Lease Agreement made on 12th January 2022 certified by the Notary, West Garo Hills, Tura.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West & South West Garo Hills (T) Division, Tura vide letter Memo No.B/16/VII/NOC/MMMCR/1797-99, dated Tura, the 17th June, 2022 and Letter of Intent vide letter No.B/16/VII/3653, dated Tura, the 15th November, 2022 respectively.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar, Meghalaya vide letter No.DMO-W/MP/15/2019/263 dated Williamnagar, the 22nd March 2023 which states that there is no approved mining plan lying within 500 metres 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, Williamnagar, Meghalaya vide letter No.DMO-W/MP/87/22/117 dated Williamnagar, the 6th December 2022. The Mining Plan has been prepared to extract boulder stone at the rate of 184467 M TPA with a project cost of ₹113.98 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 5.6 years.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 19th July, 2023 noted and accepted the recommendation in the above said SEAC's Minutes relating to this project and unanimously resolved to grant Environment 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 Environment 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) LOI ought to be renewed as the validity has expired.
- 2) A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc. carried by surface water channelized through

the Curtain drain. The deposited debris, spoils etc. are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.

- 3) 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 GREEN BELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.
- 7) To increase the allocation for plantation and maintenance to a minimum of ₹1 lakh per annum and double the number of plants to be planted. 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 ₹1 lakh annually.
- 9) Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
- 10) GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
- 11) A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
- 12) Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
- 13) Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.
- 14) 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 around the periphery of the proposed mining site for stacking of Over Burden (OB), to ensure that no spillage of OB materials to the nearby agricultural fields
- 15) The Green Belt shall be created within the 7.5 meter 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.

2.7 Proposal No.SIA/ML/MIN/281166/2022 submitted by Smti. Evalyni Kharbani (M/s Marasali Boulder Stone Mine)

Deliberation:

The Project Proponent, Smti. Evalyni Kharbani submitted an online application vide proposal No.SIA/ML/MIN/281166/2022 for Environmental Clearance for mining of Boulder Stone for an area of 15 hectares. The proposal is for mining of Boulder stone to be used construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Marasali, P.O. Dhanua, P.S. Tura, Selsella, West Garo Hills District, Meghalaya and Survey of India toposheet No.78G/14 within the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25° 40' 13.99"N	89° 56' 54.51" E
2	25° 40' 18.57"N	89° 56' 55.19" E
3	25° 40' 30.28"N	89° 57' 08.00" E
4	25° 40' 29.15"N	89° 57' 10.76" E
5	25° 40' 18.95"N	89° 57' 02.67" E
6	25° 40' 18.87"N	89° 57' 11.99" E
7	25° 40' 28.69"N	89° 57' 15.43" E
8	25° 40' 32.67"N	89° 57' 11.38" E
9	25° 40' 31.15"N	89° 57' 06.42" E
10	25° 40' 27.18"N	89° 57' 04.51" E
11	25° 40' 27.35"N	89° 57' 01.18" E
12	25° 40' 26.12"N	89° 56' 59.04" E
13	25° 40' 25.50"N	89° 56' 55.90" E
14	25° 40' 25.60"N	89° 56' 53.10" E
15	25° 40' 25.00"N	89° 56' 51.50" E
16	25° 40' 19.50"N	89° 56' 48.72" E
17	25° 40' 16.68"N	89° 56' 52.18" E

T.C.B

The proposed land is on lease for a period of 30 years vide Lease Agreement made on the 20th May 2019 registered at 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/1155-57, dated Tura, the 11th March, 2020 and letter of Intent was obtained from the Principal Chief Conservator of Forests & HoFF, Meghalaya, Shillong vide letter No.MFG.39/42/IBMM/15 Ha/B/5148 dated Shillong, the 21st July 2020.

The project proponent obtained a cluster certificate from the Divisional Mining Office, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2019/109 dated Williamnagar, the 7th October, 2020 which states that there are another three approved mining plans lying within 500 metres from the applied mining lease area. Hence the applied mining area falls under cluster category since the total area of total nine mines is summed up to 18.28 hectares.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/52/2019/104 dated Williamnagar the 1st October 2020. The Mining Plan has been prepared to extract Limestone at the rate of 816885 TPA with a project cost of ₹75.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the total mineable reserve would be 12253451 tonnes with an average annual production of 816897 (12253451/15=816897) tonnes and production of stone in first 5 years will be 4084051 tonnes. The average annual production of stone may be different from the annual production of first 5 years and the balanced mineable reserve for last 10 years would be 8169400 tonnes. So life of the mine will be 15 years (five years plan period + ten years conceptual period).

The project was already awarded Term of Reference by the State Environment Impact Assessment Authority, Meghalaya vide letter No.ML/SEIAA/MIN/WGH/P-110/2020/4/1650 dated Shillong the 29th January 2021 and submitted the final EIA/EMP for the proposed Mining of Lime stone where the project proponent complied all the points in compliance to the Term of Reference prepared by CHAITANYA PROJECTS CONSULTANCY PVT. LTD.

The public hearing was held on 20th October 2021 which was conducted by the Meghalaya State Pollution Control Board and presided over by Shri. Dolrich B.G. Momin, MCS, Executive Magistrate, West Garo Hills District.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 19th July, 2023 noted and accepted the recommendation in the above said SEAC's Minutes relating to this project and unanimously resolved to grant Environment 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 Environment 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) LOI ought to be renewed as the validity has expired.
- 2) A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc. carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc. are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.
- 3) 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 GREEN BELT, creation of plantations including nursery cost, fencing etc the notified norms of Forest and Environment Department, Govt of Meghalaya is to be followed strictly, including financial cost. Budget under said head stands revised accordingly.
- 7) To increase the allocation for plantation and maintenance to a minimum of ₹1 lakh per annum and double the number of plants to be planted. 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 ₹1 lakh annually.
- 9) Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
- 10) GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
- 11) A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
- 12) Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
- 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 7.5 meter 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: Term of Reference (ToR)

3.1 Proposal No. SIA/ML/MIN/429731/2023 submitted by Smti. Yookani Passah

Deliberation:

The Project Proponent, Smt. Yookani Passah submitted online application for Term of Reference vide proposal No.SIA/ML/MIN/429731/2023 for Jaintia Stone Mine for mining of limestone for an area of 4.20 hectares. 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 Lumshnong, East Jaintia Hills District, Meghalaya and Survey of India toposheet No. 83 C/8 within the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25°10'35.89"N	92°22'06.95"E
2	25°10'33.10"N	92°22'03.47"E
3	25°10'33.30"N	92°22'02.43"E
4	25°10'31.61"N	92°22'02.04"E
5	25°10'32.81"N	92°21'56.10"E
6	25°10'36.33"N	92°21'58.56"E
7	25°10'38.37"N	92°21'59.90"E
8	25°10'39.45"N	92°22'02.36"E
9	25°10'39.38"N	92°22'05.12"E
10	25°10'37.85"N	92°22'05.31"E

The proposed mining area is on lease for periods of 25 years vide Lease Agreement made on the 6th September 2021 certified by Notary, East Jaintia Hills District, Khliehriat, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Conservator of Forests (T), Khasi & Jaintia Hills, Meghalaya, Shillong, vide letter No.MFG.39/NFLC/MINING/MMMCR/2016/JH/12608, dated Shillong, the 4th January 2022 and Letter of Intent issued by the Divisional Forest Officer, Jaintia Hills Territorial Division, Jowai vide letter No.JH/Y.P/ML/L.S./2022-23/4.20ha/B/1586 dated Jowai the 7th January 2022 respectively.

The project proponent obtained a cluster certificate from the Division Mining Officer, Directorate of Mineral Resources, Jowai vide letter No.DMO-J/82/MM/Mining Plan/2023-24/02 dated Jowai, the 2nd May 2023 which states that there are three (3) approved mining plan lying within 500 metres from the applied mining lease area. Hence the applied mining area falls under cluster category.

The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by from the Division Mining Officer, Directorate of Mineral Resources, Jowai vide letter No.DMO-J/82/MM/Mining Plan/2023-24/01 dated Jowai, the 2nd May 2023. The Mining Plan has been prepared to extract lime stone at the rate of 3,08,434 TPA with a project cost of ₹24.5 lakhs and the operations will be open cast, mechanized method of mining.

As per the mining plan, the total mineable reserve would be 4318082 tonnes with an average annual production of 308434 (4318082/11) tonnes. The average annual production of limestone may be different from the annual production of five years plan period. Thus 1699353 Tonnes of the mineable reserves will be worked out in first five years and the rest quantity of mineable reserve i.e. (4318082-1699353) = 2618729 Tonnes would be exhausted in further 9 years. Therefore, the life of the mine will be 14 years (5 years in plan period + 9 years in conceptual period).

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 19th July, 2023 noted and accepted the recommendation of the SEAC and unanimously resolved to grant Term 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:

- 1) LOI ought to be renewed as the validity has expired.
- 2) 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.
- 3) 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.
- 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.

3.2 Proposal No. SIA/ML/MIN/415235/2023 submitted by Smti. Sanitha Ch. Marak (Rochonpara Stone Mine).

Deliberation:

The Project Proponent, Smti. Sanitha Ch. Marak submitted online application for Term of Reference vide proposal No. SIA/ML/MIN/415235/2023 for Rochonpara Stone Mine for an area of 1.00 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 Rochonpara, P.O. Dhanua, West Garo Hills District, Meghalaya and Survey of India toposheet No. G46M2 within the following GPS Coordinates:

Pillar No.	GPS Coordinates	
	Latitude	Longitude
1	25° 40'53.36"N	89° 56'38.80"E
2	25° 40'56.10"N	89° 56'42.40"E
3	25° 40'53.31"N	89° 56'43.21"E
4	25° 40'50.36"N	89° 56'40.04"E

The proposed mining area is on lease for periods of 20 years vide Deed of Lease made on the 26th October 2021 certified by Public Notary, 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/3671-73 dated Tura, the 3rd November, 2021 and Letter of Intent vide letter No.B/16/VII/517, dated Tura, the 23rd February, 2022 respectively.

The project proponent obtained a cluster certificate from the Division Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2019/118 dated Williamnagar, dated 6th December 2022 which states that there are two (2) approved mining plan lying within 500 metres from the applied mining lease area. Hence the applied mining area falls under cluster category.

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/15/2019/118 dated Williamnagar, the 6th December 2022. The Mining Plan has been prepared to extract stone at the rate of 25289.6 TPA with a project cost of ₹57.60 lakhs and the operations will be open cast, mechanized method of mining.

As stated in the mining plan, the anticipated life of the mine is 5.4 years.

Decision:

The State Environment Impact Assessment Authority, Meghalaya, in the meeting held on 19th July, 2023 noted and accepted the recommendation of the SEAC and unanimously resolved to grant Term 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:

1. LOI ought to be renewed as the validity has expired.
2. 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.

3. A Comprehensive Environment Management Plan and Regional Environment Management Plan is to be furnished in the EIA/EMP.
4. 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.
5. 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
SEIAA
Meghalaya, Shillong.

Memo. No. ML/SEIAA/Meeting/ Vol.IV/53/2021/15/

Dated Shillong the July, 2023

Copy to:

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


Member Secretary
SEIAA
Meghalaya, Shillong