

STATE EXPERT APPRAISAL COMMITTEE (SEAC)

::MEGHALAYA::

Silviculture Building Adjacent to 'SYLVAN' House,
Lower Lachumiere, East Khasi Hills, Shillong – 793001.

MINUTES OF 64th MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE, MEGHALAYA
SHILLONG HELD ON 09th February 2023, FOR ENVIRONMENTAL APPRAISAL OF NON-COAL
MINING PROJECTS

Members of the Committee present:

Sl.No	Name	Designation	Signature
1	Shri. Nababrata Bhattacharjee	Chairman SEAC	-Sd-
2	Shri. Millanburg R. Sangma	Member	
3	Dr. Highland Kayang	Member	-Sd-
4	Shri. Gideon Lamborlang Kharkongor	Member	-Sd-
5	Shri. Pynbiang Singh Nongbri	Member	-Sd-
6	Dr. Shiva Shankar Chaturvedi	Member	-Sd-
7	Dr. (Mrs) Van Jennifer Joan Wallang	Member	-Sd-
8	Shri Evansara Shullai, MFS Deputy Conservator of Forest (SF & Env.)	Member Secretary SEAC	-Sd-

The 64th meeting of State Expert Appraisal Committee (SEAC), Meghalaya, Shillong, held on 9th February 2023 from 11:00 A.M. on ward in the Conference Hall, office of the Principal Chief Conservator of Forests & HoFF, Meghalaya, Lower Lachumiere, Shillong – 793001, through offline method. At the outset the Chairman Shri. Nababrata Bhattacharjee, welcomed all the members of the Committee present and called the meeting to order. He requested the Member Secretary to initiate the discussion as per the agenda circulated vide letter No.ML/SEAC/Meeting/Vol-V/1/2023/1 dated the 6th February 2023, accordingly. All proposed mining areas are cross checked through google earth.

1. Confirmation of the minutes of the 63rd Meeting held on 16th & 17th January 2023.

The minutes were confirmed.

2. Action taken report as per the decision taken in the 63rd Meeting.

As per the decision taken in the 63rd Meeting of the State Expert Appraisal Committee held on 16th and 17th January 2023, (8) eight proposals for Environmental Clearance, (4) four Terms of Reference, (2) two Re-consideration and (1) one ADS were recommended to the State Environment Impact Assessment Authority, Meghalaya.

ENVIRONMENTAL CLEARANCE

1. Proposal No.SIA/ML/MIN/57336/2020 submitted by Shri. Adorstar Thangkhiew (M/S Ador Stone Quarry)

The Project Proponent, Shri. Adorstar Thangkhiew submitted online application vide proposal No. SIA/ML/MIN/57336/2020 for Environmental Clearance for Ador Stone Quarry for an area of 0.731 hectare. The proposal is for mining of boulderstone use for construction purposes, hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Rani Jirang, RiBhoi District, Meghalaya and toposheet Survey of India No.78N/12 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	26° 01' 50.170"N	91° 34' 42.393"E
2	26° 01' 46.544"N	91° 34' 37.779"E
3	26° 01' 45.569"N	91° 34' 38.888"E
4	26° 01' 49.195"N	91° 34' 43.501"E

The proposed land for mining belongs to the project proponent vide Deed of Declaration made on 14th September 2009 certified by Sub-Registrar, Nongpoh, RiBhoi, 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/NOC/9/Stone/41/Pt.IV/134 dated Shillong, the 11th April 2018 and Letter of Intent vide letter No.KH/8/ML/Stone/69/2311 dated Shillong, the 25th August 2020.

The project proponent has obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong, Government of Meghalaya, , vide letter No.DMR/ MM/198/2018/17 dated Shillong, the 10th September 2020, where it is mentioned that there are 2 (two) approved mining plan located within 500 metres. Hence the applied mining area falls under cluster category since the total area of twelve mines is summed up to 5.201 hectares.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/198/2018/2087, dated Shillong, the 13th March 2019. The Mining plan has been prepared to extract boulderstone at an annual rate of 20000 tonnes per annum with a project cost of Rs. 14 lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mine has a total mineral reserves of 300033 MT. The mine is targeted to produce 20000 MT of stone per annum taking the production as 66-67 TPD, taking 300 as the average working days per annum. On this basis, the anticipated life of the mine will be 15 years. But after leaving residual benches to prevent a vertical face around the mined out area, the reserves of boulder stone that will be blocked in the residual benches will be 166873 tonnes. The mineable reserves therefore comes to only 133160 tonnes. Accordingly, the actual anticipated life of the mine will be 6.65 years say 7 years.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and deliberation by using kml file through google earth, the committee unanimously Rejected as the applied mining area falls under cluster category since the total area of twelve mines is summed up to 5.201 hectares as per the Notification S.O. 141(E) dated 15.01.2016 of Ministry of Environment Forest & Climate Change. Hence the Project Proponent needs to re-apply for Term of Reference (TOR), as Environment Impact Assessment/Environment Management Plan Report is required, as per Cluster Norms.

II. Proposal No.SIA/ML/MIN/188265/2020 submitted by Shri. Treibor Lakhmie

The Project Proponent, Shri. Treibor Lakhmie submitted online application vide proposal No. SIA/ML/MIN/188265/2020 for Environmental Clearance for mining of boulder stone for an area of 0.93 hectare. The proposal is for mining of boulder stone use for construction purposes, hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Mawkhap, Jirang Syiemship, Ri Bhoi District, Meghalaya and toposheet Survey of India No.78N/12 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	26° 00' 13.3"N	91° 33' 54.01"E
2	26° 00' 15.01"N	91° 33' 51.05"E
3	26° 00' 17.02"N	91° 33' 54.02"E
4	26° 00' 15.02"N	91° 33' 57.00"E

The proposed land for mining belongs to the project proponent vide Deed of Declaration made on 19th December 2016 certified by Sub-Registrar, Nongpoh, Ri Bhoi, 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.V/6750 dated

Shillong, the 8th February 2019 and Letter of Intent vide letter No.KH/8/ML/Stone/69/2307 dated Shillong, the 25th August 2020.

The project proponent has obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong, Government of Meghalaya, vide letter No.DMR/MM/32/2019/08 dated Shillong, the 12th June 2020, where it is mentioned that there are 5 (five) approved mining plan located within 500 metres and the total area of six mines is summed up to 4.9556 hectares.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Directorate of Mineral Resources, Meghalaya vide letter No.DMR/MM/32/2019/588, dated Shillong, the 5th July 2019. The Mining plan has been prepared to extract boulder stone at an annual rate of 25000 tonnes per annum with a project cost of Rs. 20 lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mine has a proved Mineable Reserves excluding safety barrier of 566720 MT but after leaving residual benches, the net total mineable reserves come to 252381 MT. As the mine is targeted to produce 25000 MT per annum and taking 300 as the average number of working days per annum, the anticipated life of the mine will be 10.1 years say 10 years.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and deliberation by using kml file through google earth, the committee unanimously recommended for ADS [as per the Govt. Notification (placed by Member Secretary though the Notification is yet to be officially received by SEAC) vide No.FOR.50/2021/1667 Dated 13.01.2022 in chapter 2.1 stated that “No new mining Lease or Quarry Permit for stone/boulder shall be granted in the Inviolate areas or ‘no-go-areas’ in Ri-Bhoi District, as follow in point 2.1.1 “All areas north of the Latitude at 25°47’ 55.17” N in DMS (Degrees Minutes Seconds) format or 25.7986583 in DD (Decimal Degrees format)]. The matter requires clarification from the Secretary of Forests & Environment, since 2.1 above states only about Mining lease/Quarry permit and not recommendation/grant of EC.

III. Proposal No.SIA/ML/MIN/224810/2021 submitted by Smt. Martina Lyngdoh (M/S Lum Rngi Jarsang Stone Quarry)

The Project Proponent, Smti. Martina Lyngdoh submitted online application vide proposal No.SIA/ML/MIN/224810/2021 for Environmental Clearance for Lum Rngi Jarsang Stone



Quarry for an area of 2.00 hectares. The proposal is for mining of boulderstone use for construction purposes, hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area is located at Lum Rngi, Raid Hoppati (Kharpati), Myllem Syiemship, RiBhoi District , Meghalaya and toposheet Survey of India No.78O/13 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 54' 57.80"N	91° 56' 04.23"E
2	25° 55' 00.24"N	91° 55' 56.40"E
3	25° 55' 04.43"N	91° 55' 59.76"E
4	25° 54' 55.29"N	91° 56' 00.22"E

The proposed land for mining is on lease for a period of 12 years vide Lease Deed made on 16th May 2017 certified by Sub-Registrar, Nongpoh, RiBhoi, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Khasi Hills (T) Division, Shillong, vide letter NoKH/9/NOC/Stone/41/Pt.III/10230 dated Shillong, the 11th January 2018 and Letter of Intent vide letter No.KH/8/ML/stone/69/4278 dated Shillong, the 10th December 2020.

The project proponent has obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong, Government of Meghalaya, , vide letter No.DMR/MM/155/2018/11 dated Shillong, the 15th April 2021, where it is mentioned that there no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from Addl. Deputy Commissioner (Rev), RiBhoi District, Nongpoh vide letter No.DCRB (LR) 45/2018/Rev/444/2399, dated Nongpoh, the 24th July 2019. The Mining plan has been prepared to extract boulderstone at an annual rate of 17817 tonnes per annum with a project cost of Rs. 27 lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mineable reserve would be 356339 tonnes with an average annual production of 356339 (356339/20=17817) tonnes per year and production of stone in first five years will be 89315 tonnes. The average annual production of boulder stone may be different from annual production of first five years. The balance mineable reserve, 267024 Tonnes will be worked out in the subsequent 15 years. So the life of the mine will be 20 years (first five years in plan period + 15 years in conceptual period).

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and deliberation by using kml file through google earth, the committee unanimously recommended for ADS (as per verification, the project proponent has to furnish the following):

- As per the Govt. Notification (placed by Member Secretary though the Notification is yet to be officially received by SEAC) vide No.FOR.50/2021/1667 Dated 13.01.2022 in chapter 2.1 stated that “No new mining Lease or Quarry Permit for stone/boulder shall be granted in the Inviolate areas or ‘no-go-areas’ in Ri-Bhoi District, as follow in point 2.1.1 “All areas north of the Latitude at 25°47’ 55.17” N in DMS (Degrees Minutes Seconds) format or 25.7986583 in DD (Decimal Degrees format)]. The matter requires clarification from the Secretary of Forests & Environment, since 2.1 above states only about Mining lease/Quarry permit and not recommendation/grant of EC.
- As per verification the approval mining plan certificate was forwarded by the Addl. Deputy Commissioner (Rev), Ri Bhoi District, Nongpoh vide No.DCRB (LR) 45/2018/Rev/444/2399 dated 24.07.2019 where it mentioned the reference letter No. Ghy.R/newlease-24/2019/161 dated 29.01.2019 received from the Director of Mines Safety, Government of India, Ministry of Labour & Employment Guwahati Region, which has not been enclosed as stated in the letter. Hence, the Project Proponent has to upload the reference letter No.Ghy.R/newlease-24/2019/161 dated 29.01.2019.

IV. Proposal No. SIA/ML/MIN/287948/2022 submitted by Shri Dainipaia Suting (M/S) La Haleng Limestone Mine)

The Project Proponent, Shri Dainipaia Suting submitted online application for Environmental Clearance vide proposal No.SIA/ML/MIN/287948/2022 for La Haleng Limestone Mine for mining of Lime stone for an area of 1.99 hectares. The proposal is for mining of lime stone to be used in kilns for manufacturing of lime used as building materials. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at La Haleng ,Mynkre Village, 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°13'15.7"N	92°23'33.5" E
2	25°13'14.9"N	92°23'32.9" E
3	25°13'14.4"N	92°23'33.6" E
4	25°13'14.4"N	92°23'34.3" E
5	25°13'13.3"N	92°23'35.1" E
6	25°13'12.9"N	92°23'36.0" E
7	25°13'11.0"N	92°23'39.5" E
8	25°13'10.5"N	92°23'41.1" E
9	25°13'11.1"N	92°23'42.1" E
10	25°13'11.9"N	92°23'43.0" E
11	25°13'12.3"N	92°23'42.9" E
12	25°13'12.9"N	92°23'41.8" E
13	25°13'13.0"N	92°23'39.7" E
14	25°13'13.4"N	92°23'39.5" E
15	25°13'14.2"N	92°23'38.3" E
16	25°13'15.5"N	92°23'37.6" E
17	25°13'15.8"N	92°23'36.4" E
18	25°13'16.2"N	92°23'34.5" E

The proposed mining area is on lease for a period of 20 years vide Lease Agreement made on the 7th day of January 2022 at Chiehruhpi certified by the Public Notary, East Jaintia Hills District, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Jaintia Hills Territorial Division vide letter No.JH/NFL/EJH/2022-23/B/2062, dated Jowai, the 26th March 2022 and Letter of Intent vide letter No.JH/D.S/L.S/M.L/2022-23/B/23 dated Jowai, the 7th April 2022 respectively.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/72/MM/Mining Plan/2022-23/14 dated Jowai, the 13th June 2022 where it is mentioned that there no approved mining plan located within 500 metres. 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, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/72/MM/Mining plan/2022-23/13 dated Jowai the 8th June 2022. The Mining Plan has been prepared to extract lime stone at the rate of 256900 TPA with a project cost of Rs.21.50 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves of limestone is of the order of 657180 MT. The production in the period of this mining plan will be around 657175 MT in 4 years. Balance reserves will be $657180 - 657175 = 5$ MT. If the yearly production target is 256900 MT, then the balance reserves will sufficient for $5/256900 = 0.000019$ years. Thus, the total life of the mine is $4 + 0.000019 = 4.000019$ or say 4 years.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google. The committee unanimously recommended for grant of Environment Clearance with the following conditions.

1. LOI ought to be renewed as the validity has expired.
2. A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.
3. 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 Rs. 1 lakh per annum and double the number of plants to be planted.
8. CER should be included in the capital cost and it should be increased to a minimum of Rs 1 lakh annually.
9. Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
10. GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
11. A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
12. Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
13. Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.

V. Proposal No. SIA/ML/MIN/407261/2022 submitted by Shri Richanmitre Challam (M/S) Mynkoi Limestone Mine).

The Project Proponent, Shri Richanmitre submitted online application for Environmental Clearance vide proposal No.SIA/ML/MIN/407261/2022 for Mynkoi Limestone Mine for mining of Lime stone for an area of 1.80 hectares. The proposal is for mining of lime stone to be used in kilns for manufacturing of lime used as building materials. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Mynkoi, Wahiajer Village, Elaka Narpuh, East Jaintia Hills District, Meghalaya and toposheet Survey of India No.G46O8 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25°12'56.96"N	92°24'46.68" E
2	25°12'56.77"N	92°24'44.80" E
3	25°12'57.82"N	92°24'42.77" E
4	25°13'01.08"N	92°24'42.51" E



5	25°13'01.74"N	92°24'43.06" E
6	25°13'02.15"N	92°24'45.04" E
7	25°13'01.85"N	92°24'46.76" E
8	25°12'58.83"N	92°24'47.21" E

The proposed mining area is on lease for a period of 15 years vide Lease Agreement made on the 21st day of March 2022 certified by the Public Notary, East Jaintia Hills District, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Jaintia Hills Territorial Division vide letter No.JH/NFL/EJH/2022-23/B/317, dated Jowai, the 19th May 2022 and Letter of Intent vide letter No.JH/R.C/M.L/LS/2022-23/B/43 dated Jowai, the 9th June 2022 respectively.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/73/MM/Mining Plan/2022-23/16 dated Jowai, the 29th June 2022 where it is mentioned that there is no approved mining plan located within 500 metres. Hence, the Environment Management Plan is not required.

The project proponent submitted 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/73/MM/Mining plan/2022-23/15 dated Jowai the 29th June 2022. The Mining Plan has been prepared to extract lime stone at the rate of 189125 TPA with a project cost of Rs.21.50 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves of limestone is of the order of 945700 MT. The production in the period of this mining plan will be around 945675 MT in 5 years. Balance reserves will be $945700 - 945675 = 25$ ton. If the yearly production target is 189125 ton, then the balance reserves will sufficient for $25 / 189125 = 0.000132$ years. Thus, the total life of the mine is $5 + 0.000132 = 5.000132$ or say 5 years.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google. The committee unanimously recommended for grant of Environment Clearance with the following conditions.



1. LOI ought to be renewed as the validity has expired.
2. A settling Tank is to be constructed, at a suitable site within the mining area for collection of debris, sediment, silt, fragmented stones etc carried by surface water channelized through the Curtain drain. The deposited debris, spoils etc are to be removed/cleared, both from the tank and drain as and when required. Overflowing water that flows downhill shall be dispersed but precautions to be taken that spoils etc. generated from mining are not carried along.
3. 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 Rs. 1 lakh per annum and double the number of plants to be planted.
8. CER should be included in the capital cost and it should be increased to a minimum of Rs 1 lakh annually.
9. Boundary pillars with the height not less than 2.5 feet above the ground level and 1.5 feet below ground and minimum 8 inches on all face of pillar should be erected.
10. GPS coordinates of each pillar should be carved/painted clearly on the pillars with Red colour.
11. A board highlighting the name of project and project proponent, location name, total area of the mine, date of issue of EC by SEIAA and CTO & CTE by MSPCB should be installed at the entrance to the mining site and clearly visible.
12. Fencing of the boundary of site with minimum two strands of barbed wire or ordinary split bamboo fencing is to be erected all around the periphery of the approved mining area.
13. Storing and collection of water through rainwater harvesting for dust sprinkling and recharging of the aquifers.



VI. Proposal No. SIA/ML/MIN/407232/2022 submitted by Green Valliey Industries Limited (M/S) GVIL Ordinary Clay Mine).

The Project Proponent, Green Valliey Industries Limited submitted online application for Environmental Clearance vide proposal No.SIA/ML/MIN/407232/2022 for GVIL Ordinary Clay Mine for mining of clay for an area of 3.52 hectares. The proposal is for mining of clay to be used as additive in cement making. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Nongsning Village, Elaka Sutnga, East Jaintia Hills District, Meghalaya and toposheet Survey of India No.G4608 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 14'30.8''N	92° 23'54.2''E
2	25° 14'31.8''N	92° 23'53.8''E
3	25° 14'32.1''N	92° 23'53.5''E
4	25° 14'32.8''N	92° 23'52.6''E
5	25° 14'33.3''N	92° 23'52.1''E
6	25° 14'34.9''N	92° 23'54.1''E
7	25° 14'35.7''N	92° 23'54.6''E
8	25° 14'36.5''N	92° 23'54.7''E
9	25° 14'38.4''N	92° 23'55.0''E
10	25° 14'39.2''N	92° 23'55.2''E
11	25° 14'39.8''N	92° 23'55.2''E
12	25° 14'40.3''N	92° 23'55.6''E
13	25° 14'40.8''N	92° 23'56.4''E
14	25° 14'40.8''N	92° 23'56.4''E
15	25° 14'40.8''N	92° 23'56.8''E
16	25° 14'41.0''N	92° 23'57.4''E
17	25° 14'41.0''N	92° 23'58.0''E
18	25° 14'41.0''N	92° 23'58.3''E
19	25° 14'40.2''N	92° 23'58.8''E
20	25° 14'39.6''N	92° 23'59.0''E
21	25° 14'38.9''N	92° 23'59.0''E
22	25° 14'38.3''N	92° 23'59.1''E



23	25° 14'37.1''N	92° 23'59.0''E
24	25° 14'36.2''N	92° 23'58.8''E
25	25° 14'35.3''N	92° 23'58.6''E
26	25° 14'35.0''N	92° 23'58.8''E
27	25° 14'34.3''N	92° 23'58.8''E
28	25° 14'33.5''N	92° 23'58.3''E
29	25° 14'33.0''N	92° 23'57.8''E
30	25° 14'32.6''N	92° 23'57.5''E
31	25° 14'31.7''N	92° 23'57.9''E
32	25° 14'31.3''N	92° 23'55.5''E

The proposed mining area is on lease for a period of 25 years vide Lease Agreement made on the 8th day of September 2020 certified by the Public Notary, East Jaintia Hills District, 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.22/385/Vol-II/9588, dated Shillong, the 8th November 2021 and Letter of Intent confirmed by the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai, vide letter DMO-J/ML-MM/4/2020-21/05 dated Jowai the 8th October, 2020.

The project proponent obtained a cluster certificate from the Division Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/68/MM/Mining Plan/2021-22/06 dated Jowai, the 4th April 2022 which states that there 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, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/68/MM/MiningPlan/2021-22/02 dated Jowai, the 4th April 2022. The Mining Plan has been prepared to clay at the rate of 60000 Cm per annum with a project cost of Rs.16.50 lakhs and the operations will be open cast, mechanized method of mining.

The mineable reserves of clay are of the order of 569713 M³. The production in the period of the mining plan will be around 255000M³ in 5 years. Therefore, the balance reserves will be 569713-255000 = 314713 M³. If the yearly production target is 60000 M³, the balance reserve will be sufficient for (314713 /60000) = 5.24 years. Thus, the total life of the mine is 5+6=11 years.



Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and deliberation by using kml file through google earth, the committee unanimously recommended for ADS (as per verification the applicant name is Green Valliey Industries Limited, whereas in the NOC issued by the Chief Forest Officer, JHADC vide No.JHADC/FOR/13/2017/815-17 dated 29.03.2020 the name was given as Green Valley Industries Private Ltd. Hence the project proponent has to submit an Affidavit for clarifying the correct applicant name).

VII. Proposal No.SIA/ML/MIN/406341/2022 submitted by Smt. Wilme R. Marak (M/S Kusumkolgre Sand and Gravel Permit)

Environmental Clearance for Kusumkolgre Sand and Gravel Permit for an area of 1.6 hectares located at Kusimkolgre, East Garo Hills District, Meghalaya.

The proposal was placed in the 63rd of the State Expert Appraisal Committee Meeting dated 16th & 17th January 2023 where the committee has unanimously deferred the proposal for Reconsideration as the project needs to be check as per the Enforcement and Monitoring Guidelines for Sand Mining, and inviting an expert on geo-morphology/aquatic life in next meeting.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and deliberation by using kml file through google earth, the committee unanimously Deferred for Site Visit as the project needs further scientific review and deliberation with experts within or even outside the State Expert Appraisal Committee.

TERM OF REFERENCE:

I. Proposal No:SIA/ML/MIN/68515/2021 submitted by Shri. Stanshon Nongrum (M/S Umswiah Limestone Mine)

Term of Reference for Umswiah Limestone Mine for mining of Lime stone for an area of 1.08 hectares located at Umswiah (Parmawshun), Mawlong Sirdarship, East Khasi Hills District, Meghalaya.

The proposal was placed in the 51st Meeting of the State Expert Appraisal Committee dated 5th November 2021, as per verification, it was observed that the road present near the project site is less than 200 metres. Hence, the distance from road to the mining site is to be furnished.



In response to the ADS raised by the committee, the project proponent has submitted a justification that the road within 500 meters of the project site is the mining site access road, connecting the mining site to nearest PWD road (1.7 km towards South-Eastern direction). The mining site access road is not used by public and its sole purpose is to connect the mining site to nearest PWD road along with map.

Recommendation:

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth and the project proponent has complied to the ADS, the committee unanimously recommended for standard Terms of Reference (ToR) with the following additional 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.
5. Plagiarism check certificate for EIA/EMP report has to be furnished.
6. Source of data taken from external sources is to be mentioned clearly.

The meeting ended with a vote of thanks to the Chair



Chairman

State Expert Appraisal Committee
Meghalaya Shillong