

STATE EXPERT APPRAISAL COMMITTEE (SEAC)

:: MEGHALAYA::

Silvi-Culture Building, Lower Lachumiere,

East Khasi Hills, Shillong – 793001.

**MINUTES OF 48th MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE, MEGHALAYA
SHILLONG HELD ON 6th September 2021, 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	Prof. Donkumar Syiem	Member	-Sd-
3	Shri Toiler H.S. Bonney (Rtd) IFS	Member	-Sd-
4	Shri. Puhran M. Sangma	Member	-Sd-
5	Shri. Phngain Singh GiriLyngdoh	Member	-Sd-
6	Shri. Shekhar K. Sangma	Member	-Sd-
7	Shri. Jiswordy Dkhar, MFS Deputy Conservator of Forest (SF & Env.)	Member Secretary SEAC	-Sd-

The 48th meeting of State Expert Appraisal Committee (SEAC), Meghalaya, Shillong, held on 6th September 2021 from 11:00 AM onwards in the Conference Hall, Sylvan House, Meghalaya, Shillong through blended mode method i.e. online and offline. 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-III/121/2020/27 dated the 3rd September 2021, accordingly. All proposed mining areas are cross checked through google earth.

1. Confirmation of the minutes of the 47th Meeting held on 31st August 2021.

The minutes were confirmed.

2. Action taken report as per the decision taken in the 47th Meeting.

As per the decision taken in the 47th Meeting of the State Expert Appraisal Committee held on 31st August 2021, (5) five project proposals were recommended for Term of Reference to the State Environment Impact Assessment Authority, Meghalaya.

3. Term of Reference

I. Proposal No: SIA/ML/MIN/65781/2021 submitted by Shri Methos Marwein.

The Project Proponent, Shri Methos Marwein submitted online application for Term of Reference vide proposal No: SIA/ML/MIN/65781/2021 for Term of Reference for Shri Sohnarain Limestone Mine for mining of Lime stone for an area of 1.77 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 Sohnarain, Wahlong, Wahlong Sirdarship, East Khasi Hills District, Meghalaya and toposheet Survey of India No.78O/12 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 11' 21.51''N	91° 42' 32.90''E
2	25° 11' 22.44''N	91° 42' 33.45''E
3	25° 11' 22.95''N	91° 42' 33.40''E
4	25° 11' 23.09''N	91° 42' 34.10''E
5	25° 11' 22.84''N	91° 42' 35.57''E
6	25° 11' 24.09''N	91° 42' 35.92''E
7	25° 11' 22.86''N	91° 42' 38.62''E
8	25° 11' 22.30''N	91° 42' 40.32''E
9	25° 11' 21.25''N	91° 42' 40.49''E
10	25° 11' 19.90''N	91° 42' 39.46''E
11	25° 11' 19.96''N	91° 42' 38.94''E
12	25° 11' 19.09''N	91° 42' 38.51''E
13	25° 11' 19.01''N	91° 42' 38.11''E
14	25° 11' 19.20''N	91° 42' 37.06''E
15	25° 11' 20.70''N	91° 42' 35.81''E

The proposed mining area is on lease for 25 years vide Lease Agreement made on the 28th January, 2021 certified by Notary Public, East Khasi Hills District, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi Territorial Division, Shillong, vide letter



No.KH/8/NOC/Limestone/41/Pt.IV/6062, dated Shillong, the 24th March 2020 and letter of Intent vide letter No.KH/8/ML/Limestone/68/6110, dated Shillong, the 25th March, 2021 respectively.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/199/2021/06 dated Shillong, the 12th July 2021 which states that there are four (4) 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 five mines is summed up to 8.7511 hectares. 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/119/2021/02 dated Shillong, the 17th June 2021. The Mining Plan has been prepared to extract lime stone at the rate of 57650 MTPA with a project cost of Rs.16.50 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves of limestone are of the order of 910200 MT. The production in the period of the mining plan will be around 288250 MT in 5 years. Therefore, the balance reserves will be $(910200 - 288250) = 621950$ MT. If the production target is 57650 MT, the balance reserve will be sufficient for $(621950 / 57650) = 10.78$ years. Thus, the total life of the mine is $5 + 10.78 = 15.78$ or say 16 years.

Recommendation:

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth, as site visit could not be undertaken due to COVID 19 lockdown; the committee unanimously recommended for standard Term of Reference 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. The distance between the boundary of Shri Methos Marwein, project proponent with adjoining approved mining plan of Smti Iasuklang War shown as "7"(seven) metres in the Cluster Certificate, issued vide no DMR/MM/199/2021/06; dated Shillong, the 12th July 2021. Accordingly, as per provisions of Section 111[(2)] of Metalliferous Mines



Regulations, 1961 no working is permitted within a distance of minimum 7.5 metres from the boundary of adjoining mine. This aspect should be highlighted in the EIA/EMP report, public consultation report etc, seeking for EC.

4. Since the distance between the proposed mine and adjoining mine(s) in the said cluster is 7 (Seven) metre and (7.5 metre after maintaining minimum 7.5 metres from adjoining mine as mentioned in clause 3 above) and nature of Over Burden (OB) is not known, as a precautionary measure, height of the 1st Bench is to be kept low, preferably within 1-3 metre maximum while maintaining width of the bench at 06 -7.5 metre.

II. Proposal No.SIA/ML/MIN/65784/2021 submitted by Shri Symper Nongtraw.

The Project Proponent, Shri Symper Nongtraw submitted online application for Term of Reference vide proposal No:SIA/ML/MIN/65784/2021 for Term of Reference for Mawlyndiar Limestone Mine for mining of Lime stone for an area of 0.58 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 Mawlyndiar, Elaka Wahlong Sirdarship, East Khasi Hills District, Meghalaya and toposheet Survey of India No.780/12 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 10' 57.70"N	91° 42' 15.50"E
2	25° 10' 59.20"N	91° 42' 17.70"E
3	25° 10' 58.60"N	91° 42' 18.30"E
4	25° 10' 57.10"N	91° 42' 18.20" E
5	25° 10' 55.27"N	91° 42' 16.46"E
6	25° 10' 55.80"N	91° 42' 15.40"E
7	25° 10' 56.80"N	91° 42' 16.00"E

The proposed mining area is on lease for 20 years vide lease agreement made on the 2nd day of November 2020.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & RiBhoi Territorial Division, Shillong, vide letter No.KH/8/NOC/Limestone/41/Pt.IV/4355, dated Shillong, the 15th December 2020 and letter

of Intent vide letter No.KH/8/ML/Limestone/68/4368, dated Shillong, the 15th December, 2020 respectively.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/106/2021/12 dated Shillong, the 3rd June 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 six mines is summed up to 12.3011 hectares. 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/106/2021/06 dated Shillong, the 26th March 2021. The Mining Plan has been prepared to extract lime stone at the rate of 31320 MTPA with a project cost of Rs.13.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves of limestone are of the order of 185600 MT. The production in the period of the mining plan will be around 156580 MT in 5 years. Therefore, the balance reserves will be $(185600 - 156580) = 29020$ MT. If the production target is 31320 MT, the balance reserve will be sufficient for $(29020/31320) = 0.93$ years. Thus, the total life of the mine is $5+0.93=5.93$ or say 6 years.

Recommendation:

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth, as site visit could not be undertaken due to COVID 19 lockdown; the committee unanimously recommended for standard Term of Reference 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. The distance between the boundary of Shri Symper Nongtraw, project proponent with adjoining approved mining plan of Smti Jelika Khongrymmai shown as "0"(Zero) metres in the Cluster Certificate, issued vide no DMR/MM/106/2021/12; dated Shillong, the 3rd June 2021. Accordingly, as per provisions of Section 111[(2)] of Metalliferous Mines Regulations, 1961 no working is permitted within a distance of minimum 7.5 metres from



the common boundary of both. This aspect should be highlighted in the EIA/EMP report, public consultation report etc, seeking for EC.

4. Since the distance between the proposed mine and adjoining mine(s) in the said cluster is 0 (Zero) metre and (7.5 metre after maintaining minimum 7.5 metres from adjoining mine as mentioned in clause 3 above) and nature of Over Burden (OB) is not known, as a precautionary measure, height of the 1st Bench is to be kept low, preferably within 1-3 metre maximum while maintaining width of the bench at 06 -7.5 metre.

III. Proposal No. SIA/ML/MIN/65704/2021 submitted by Shri Bontonlang Wanswett.

The Project Proponent, Shri Bontonlang Wanswett submitted online application for Term of Reference vide proposal No:SIA/ML/MIN/65704/2021 for Term of Reference for Marih Limestone Mine for mining of Lime stone for an area of 4.11 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 Marih, Tlongumsong, East Khasi Hills District, Meghalaya and toposheet Survey of India No.78O/12 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 11' 08.37''N	91° 38' 50.17'' E
2	25° 11' 34.53''N	91° 38' 53.27''E
3	25° 11' 34.29''N	91° 38' 55.08''E
4	25° 11' 08.26''N	91° 38' 51.98''E

The proposed mining area belongs to the project proponent as per Gift deed certified by Notary Public, East Khasi Hills on the 25th of September 2019 as well as Lease deed on the 29th June 2020.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & RiBhoi Territorial Division, Shillong, vide letter No.KH/8/NOC/Limestone/41/Pt.IV/5739, dated Shillong, the 9th March 2021 and letter of Intent vide letter No.KH/8/ML/Limestone/68/5738, dated Shillong, the 9th March, 2020 respectively.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/100/2020/11 dated

Shillong, the 12th July 2021 which states that there are two (2) 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 three mines is summed up to 7.43 hectares. 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/100/2020/07 dated Shillong, the 4th May 2021. The Mining Plan has been prepared to extract lime stone at the rate of 2,36,250 TPA with a project cost of Rs.24 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserves of limestone are of the order of 1470000 MT. The production in the period of the mining plan will be around 1181250 MT in 5 years. Therefore, the balance reserves will be (1470000 – 1181250) or 288750 MT. If the production target is 236250 MT, the balance reserve will be sufficient for $(288750 / 236250) = 1.22$ years. Thus, the total life of the mine is $5 + 1.22 = 6.22$ or say 6 years.

Recommendation:

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth, as site visit could not be undertaken due to COVID 19 lockdown; the committee unanimously recommended for standard Term of Reference with the following additional conditions:

1. LOI ought to be renewed as the validity has been 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.

IV. Proposal No.SIA/ML/MIN/65871/2021 submitted by Shri Challenge Rajee.

The Project Proponent, Shri Challenge Rajee submitted online application for Term of Reference vide proposal No:SIA/ML/MIN/65871/2021 for Term of Reference for Tyngwai Limestone Mine for an area of 2.00 hectares. The proposal is for mining of lime stone to be used in kilns for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Tyngwai area, Tyngwai Bah, Sohbar Sirdarship, East Khasi Hills District, Meghalaya and toposheet Survey of India No.780/12 within the following GPS Coordinates:



Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 10'36.54''N	91° 43'30.92''E
2	25° 10'34.42''N	91° 43'27.94''E
3	25° 10'45.09''N	91° 43'27.56''E
4	25° 10'45.09''N	91° 43'28.83''E
5	25° 10'44.03''N	91° 43'28.60''E
6	25° 10'44.17''N	91° 43'29.50''E

The proposed mining area is on lease for a period of 30 years vide Deed of Lease Agreement made on the 20th September 2019 certified by Sub-Registrar, Sohra.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi, Territorial Division, Shillong vide letter No.KH/8/NOC/Limestone/41/Pt IV/ dated Shillong, the ___ February, 2021 and letter of Intent vide letter No.KH/8/ML/Limestone/68/5244, dated Shillong, the 10th February, 2021 respectively.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/112/2021/07 dated Shillong, the 15th July 2021 which states that there are four (4) 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 five mines is summed up to 6.0592 hectares. 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/112/2021/03 dated Shillong, the 4th May 2021. The Mining Plan has been prepared to extract lime stone at the rate of 80,325 TPA with a project cost of Rs.22.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mineable reserve is of the order of 2150000 MT and the production in the period of the mining plan will be around 401625 in 5 years. The balance reserves will be (2150000 – 401625) or 1748375 MT. If the annual production is 80325 MT, the balance reserves will sufficient for $1748375/80325 = 21.76$ years. Thus total life of the mine is $5+21.76 = 26.75$ or say 27 years.



Recommendation:

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth, as site visit could not be undertaken due to COVID 19 lockdown; the committee unanimously recommended for standard Term of Reference with the following additional conditions:

1. LOI ought to be renewed as the validity has been 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.

V. Proposal No.SIA/ML/MIN/65631/2021 submitted by Shri Michael Myrchiang.

The Project Proponent, Shri Michael Myrchiang submitted online application for Term of Reference vide proposal No:SIA/ML/MIN/65631/2021 for Term of Reference for Amsyndui Limestone Mine for mining of Lime stone for an area of 3.54 hectares. The proposal is for mining of lime stone to be used in kilns for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Amsyndui, Elaka Nongtalang, West Jaintia Hills District, Meghalaya and toposheet Survey of India No.83C/4 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 13'29.76"N	92° 5'14.67"E
2	25° 13'31.37"N	92° 5'12.07"E
3	25° 13'31.00"N	92° 5'9.13"E
4	25° 13'27.89"N	92° 5'5.96"E
5	25° 13'23.93"N	92° 5'2.25"E
6	25° 13'23.06"N	92° 5'4.63"E
7	25° 13'26.24"N	92° 5'8.93"E
8	25° 13'26.70"N	92° 5'11.49"E

The proposed mining area is on lease for a period of 20 years vide Deed of Lease Agreement made on the 16th May 2018 certified by Sub-Registrar, Amlarem.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Jaintia Hills Territorial Division, Jowai vide letter No.JH/S.Quarry/2009-10/476/B/1179 dated Jowai, the 1st October, 2018 and letter of Intent vide letter No.JH/MMMCR-2016/2016-17/869/B/1272, dated Jowai, the 25th October , 2018 respectively.

The project proponent obtained a cluster certificate from the Divisional Mining Engineer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/7/MM/Mining Plan/2019/14 dated Jowai, the 27th June 2019 which states that there are six (6) 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 seven mines is summed up to 21.7725 hectares. The project proponent submitted the Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Engineer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/7/MM/Mining Plan/2019/03 dated Jowai, the 29th April 2019. The Mining Plan has been prepared to extract lime stone at the rate of 3,50,320 TPA with a project cost of Rs.23.5 lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mineable reserve is of the order of 33, 99,980 Tonnes and the production in the period of the mining plan will be around 1408710 Tonnes in 5 years. The balance reserves will be $(3399980 - 1408710) = 1991270$ Tonnes. If the annual production is 350320 Tonnes, the balance reserves will sufficient for $1991270/350320 = 5.68$ years. Thus total life of the mine is $5+5.68 = 10.68$ or say 11 years.

Recommendation:

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth, as site visit could not be undertaken due to COVID 19 lockdown; the committee unanimously recommended for standard Term of Reference with the following additional conditions:

1. LOI ought to be renewed as the validity has been 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.



VI. Proposal No.SIA/ML/MIN/66391/2021 submitted by Shri Boris Khyllep.

The Project Proponent, Shri Boris Khyllep submitted online application for Term of Reference vide proposal No:SIA/ML/MIN/66391/2021 for Term of Reference for Temsuwai Limestone Mine for mining of Lime stone for an area of 0.31 hectares. The proposal is for mining of lime stone to be used in kilns for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Temsuwai, Wahlong Village, Elaka Wahlong Sirdarship, East Khasi Hills District, Meghalaya and toposheet Survey of India No.78O/12 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 11'5.74"N	91° 42'17.16"E
2	25° 11'4.17"N	91° 42'16.24"E
3	25° 11'4.10"N	91° 42'16.80"E
4	25° 11'3.38"N	91° 42'18.35"E
5	25° 11'4.45"N	91° 42'18.76"E
6	25° 11'5.18"N	91° 42'18.80"E

The proposed mining area is on lease for a period of 20 years vide Deed of Lease Agreement made on the 23rd February 2021 certified by Notary Public, East Khasi Hills District, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi Territorial Division, Shillong, vide letter No.KH/8/NOC/Limestone/41/Pt.IV/6036, dated Shillong, the 24th March 2020 and letter of Intent vide letter No.KH/8/ML/Limestone/68/6109, dated Shillong, the 25th March, 2020 respectively.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/117/2021/08 dated Shillong, the 4th August 2021 which states that there are six (6) 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 seven mines is summed up to 10.6311 hectares. 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/117/2021/04 dated Shillong, the 2nd July 2021. The Mining Plan

has been prepared to extract lime stone at the rate of 8775 TPA with a project cost of Rs.11.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

As per the mining plan, the mineable reserve is of the order of 60,000 MT and the production in the period of the mining plan will be around 43875 MT in 5 years. The balance reserves will be $(60000 - 43875) = 16125$ MT. If the annual production is 8775 MT, the balance reserves will sufficient for $16125/8775 = 1.83$ years. Thus total life of the mine is $5+1.83 = 6.83$ or say 7 years.

Recommendation:

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth, as site visit could not be undertaken due to COVID 19 lockdown; the committee unanimously recommended for standard Term of Reference with the following additional conditions:

1. LOI ought to be renewed as the validity has been 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. The distance between the boundary of Shri Boris Khylllep, project proponent with adjoining approved mining plan of Smti Jelika Khongrymmmai shown as "0"(Zero) metres in the Cluster Certificate, issued vide no DMR/MM/117/2021/08; dated Shillong, the 4th August 2021. Accordingly, as per provisions of Section 111[(2)] of Metalliferous Mines Regulations, 1961 no working is permitted within a distance of minimum 7.5 metres from the common boundary of both. This aspect should be highlighted in the EIA/EMP report, public consultation report etc, seeking for EC.
4. Since the distance between the proposed mine and adjoining mine(s) in the said cluster is 0 (Zero) metre and (7.5 metre after maintaining minimum 7.5 metres from adjoining mine as mentioned in clause 3 above) and nature of Over Burden (OB) is not known, as a precautionary measure, height of the 1st Bench is to be kept low, preferably within 1-3 metre maximum while maintaining width of the bench at 06 -7.5 metre.



VII. Proposal No.SIA/ML/MIN/66191/2021 submitted by Smt. Maria Ryngnga.

The Project Proponent, Smt. Maria Ryngnga submitted online application for Term of Reference vide proposal No:SIA/ML/MIN/66191/2021 for Term of Reference for Sohmluh Limestone Mine for mining of Lime stone for an area of 0.693 hectares. The proposal is for mining of lime stone to be used in kilns for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Ka Sohmluh, Tyngwai Area ,Sohbar Sirdarship, East Khasi Hills District, Meghalaya and toposheet Survey of India No.78 O/12 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 10'38.22''N	91° 43'18.42''E
2	25° 10'44.76''N	91° 43'19.68''E
3	25° 10'44.82''N	91° 43'18.36''E
4	25° 10'38.22''N	91° 43'17.28''E

The proposed mining area is on lease for a period of 20 years vide Lease Agreement made on the 24th June 2020 certified by Notary Public, East Khasi Hills District, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ribhoi Territorial Division, Shillong, vide letter No.KH/8/NOC/Limestone/41/Pt.IV/2277, dated Shillong, the 8th September 2020 and letter of Intent vide letter No.KH/8/ML/Limestone/68/2785, dated Shillong, the 15th September, 2020 respectively.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/89/2020/09 dated Shillong, the 4th June 2021 which states that there are four (4) 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 five mines is summed up to 8.5592 hectares. 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/89/2020/02 dated Shillong, the 26th November 2020. The Mining Plan has been prepared to extract lime stone at the rate of 45129 TPA with a project cost of Rs.22.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserve would be 225645 Tonnes with an average annual production of 45129 (225645/5=45129) Tonnes. The average annual production of limestone may be different from annual production of five years plan period. Thus 225619 Tonnes of the total mineable reserve will be worked out in first 5 years and the rest quantity of mineable reserve i.e. (225645-225619) =26 Tonnes would be mining loss. Therefore, the life of the mine will be 5 years (five years in plan period).

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, as site visit could not be undertaken due to COVID 19 lockdown; the committee unanimously recommended for standard Term of Reference with the following additional conditions:

1. LOI ought to be renewed as the validity has been 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.

VIII. Proposal No.SIA/ML/MIN/66443/2021 submitted by Shri.Teiborlang Suchiang.

The Project Proponent, Shri Teiborlang Suchiang submitted online application for Term of Reference vide proposal No:SIA/ML/MIN/66443/2021 for Term of Reference for Sohdoit Limestone Mine for mining of Lime stone for an area of 1.90 hectares. The proposal is for mining of lime stone to be used in kilns for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Sohdoit, Mawlong Elaka, East Khasi Hills District, Meghalaya and toposheet Survey of India No.78O/12within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 11'20.60''N	91° 41'37.10''E
2	25° 11'19.50''N	91° 41'37.20''E
3	25° 11'25.99''N	91° 41'21.13''E
4	25° 11'27.35''N	91° 41'21.88''E

The proposed mining area is on lease for a period of 25 years vide Lease Agreement made on the 27th October 2020 certified by Notary Public, East Khasi Hills District, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi Territorial Division, Shillong, vide letter No.KH/8/NOC/Limestone/41/Pt.IV/4635, dated Shillong, the 23rd March 2021 and letter of Intent vide letter No.KH/8/ML/Limestone/68/4841, dated Shillong, the 13th January, 2021 respectively.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/144/2021/07 dated Shillong, the 12th July 2021 which states that there are four (4) 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 five mines is summed up to 9.243 hectares. 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/114/2021/02 dated Shillong, the 25th June 2021. The Mining Plan has been prepared to extract lime stone at the rate of 51461 TPA with a project cost of Rs.28.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserve would be 514609 Tonnes with an average annual production of 51461 (514609/10=51461) Tonnes. The average annual production of limestone may be different from annual production of five years plan period. Thus 257272 Tonnes of the total mineable reserve will be worked out in first 5 years and the rest quantity of mineable reserve i.e (514609-257272) =257335 Tonnes would be exhausted in further 5 years@51467 tonnes per annum. Therefore, the life of the mine will be 10 years (5 years in plan period+ 5 years in conceptual period).

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, as site visit could not be undertaken due to COVID 19 lockdown; the committee unanimously recommended for standard Term of Reference with the following additional conditions:

1. LOI ought to be renewed as the validity has been 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.

IX. Proposal No. SIA/ML/MIN/66248/2021 submitted by Shri. Hamarbabiang Khongsni.

The Project Proponent, Shri Hamarbabiang Khongsni submitted online application for Term of Reference vide proposal No: SIA/ML/MIN/66248/2021 for Term of Reference for Hamar Limestone Mine for mining of Lime stone for an area of 1.36 hectares. The proposal is for mining of lime stone to be used in kilns for building and construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Ri Laingut, Lynti Dkhar Area, Sohbar Sirdarship, East Khasi Hills District, Meghalaya and toposheet Survey of India No.78O/12 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 11' 12.284''N	91° 44' 58.611''E
2	25° 11' 14.631''N	91° 44' 58.611''E
3	25° 11' 14.599''N	91° 44' 57.968''E
4	25° 11' 15.936''N	91° 44' 58.162'' E
5	25° 11' 16.84''N	91° 44' 55.02''E
6	25° 11' 14.989''N	91° 44' 53.38''E
7	25° 11' 13.874''N	91° 44' 54.874''E
8	25° 11' 13.582''N	91° 44' 54.264''E
9	25° 11' 12.853''N	91° 44' 54.268''E
10	25° 11' 12.61''N	91° 44' 57.839''E
11	25° 11' 12.284''N	91° 44' 57.89''E

The proposed mining area belongs to the project proponent vide Deed of Declaration made on the 28th September 2020 certified by Sub-Registrar, Sohra.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi Territorial Division, Shillong, vide letter No.KH/8/NOC/Limestone/41/Pt.IV/5622, dated Shillong, the 2nd March 2021 and letter of Intent vide letter No.KH/8/ML/Limestone/68/4701, dated Shillong, the 4th March, 2020 respectively.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/113/2021/07 dated Shillong, the 29th June 2021 which states that there are nine (9) 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 ten mines is summed up to 22.3115 hectares. 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/113/2021/02 dated Shillong, the 24th April 2021. The Mining Plan has been prepared to extract lime stone at the rate of 60000 TPA with a project cost of Rs.28.00 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mine has a Total Mineable Reserves excluding safety barrier of 1125579 MT but after leaving residual benches, the Extractable Mineable Reserves comes to 664378 MT.As the mine is targeted to produce 60000MT of limestone per annum and taking 300 days as the average number of working days per annum, the anticipated life of mine will be 11.07 years, say 12 years.

Recommendation:

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth, as site visit could not be undertaken due to COVID 19 lockdown; the committee unanimously recommended for standard Term of Reference with the following additional conditions:

1. LOI ought to be renewed as the validity has been 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. The distance between the boundary of Shri Hamarbabiang Khongsni, project proponent with adjoining approved mining plan of Smti Dron Dohling and Shri Marbat Dohkrut shown as "4"(Four) metres in the Cluster Certificate, issued vide no DMR/MM/113/2021/07; dated Shillong, the 29th June 2021. Accordingly, as per provisions of Section 111[(2)] of Metalliferous Mines Regulations, 1961 no working is permitted within a distance of minimum 7.5 metres from the boundary of adjoining mine.



This aspect should be highlighted in the EIA/EMP report, public consultation report etc, seeking for EC.

4. Since the distance between the proposed mine and adjoining mine(s) in the said cluster is 4 (Four) metre and (7.5 metre after maintaining minimum 7.5 metres from adjoining mine as mentioned in clause 3 above) and nature of Over Burden (OB) is not known, as a precautionary measure, height of the 1st Bench is to be kept low, preferably within 1-3 metre maximum while maintaining width of the bench at 06 -7.5 metre.

X. Proposal No.SIA/ML/MIN/66187/2021 submitted by Shri. Royal A. Sangma.

The Project Proponent, Shri Royal A. Sangma submitted online application for Term of Reference vide proposal No:SIA/ML/MIN/66187/2021 for Term of Reference for Bagli Limestone Mine for mining of Lime stone for an area of 1.00 hectares. The proposal is for mining of lime stone to be used in kilns for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Bagli, Khonjowai, South West Khasi Hills District, Meghalaya and toposheet Survey of India No.78O/4 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 12'27.15''N	91° 04'12.95''E
2	25° 12'24.66''N	91° 04'12.11''E
3	25° 12'28.91''N	91° 04'06.62''E
4	25° 12'30.38''N	91° 04'08.58''E
5	25° 12'27.70''N	91° 04'10.23''E

The proposed mining area is on lease for a period of 10 years vide Deed of Lease made on the 7thOctober 2016 certified by District Registrar, South Khasi Hills District, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, SF & Territorial Division, West and South West Khasi Hills, vide letter No.T/W&SW/20/NOC(L)/538, dated Nongstoin, the 27th August 2020 and letter of Intent vide letter NoT/W&SW/20-21/LS/ML/142/162, dated Nongstoin, the 9thFebruary, 2021 respectively.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/125/2021/07 dated

Shillong, the 15th July 2021 which states that there are seven (7) 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 eight mines is summed up to 18.21 hectares. 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/125/2021/02 dated Shillong, the 29th June 2021. The Mining Plan has been prepared to extract lime stone at the rate of 54474 TPA with a project cost of Rs.28.5 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserve would be 272371 tonnes with an average annual production of 54474 ($272371/5=54474$) Tonnes. The average annual production of limestone may be different from annual production of five years plan period. Thus 272363 Tonnes of the total mineable reserve will be worked out in first 5 years and the rest quantity of mineable reserve i.e. ($272371-272363$) =8 Tonnes would be mining loss. Therefore, the life of the mine will be 5 years (five years in plan period+ 5 years in conceptual period).

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, as site visit could not be undertaken due to COVID 19 lockdown; the committee unanimously recommended for standard Term of Reference with the following additional conditions:

1. Site photographs together with photographs and other related details of site visits by resource persons of NABET accredited consultant of project proponent, with their names and profession/designation, together with date(s) of visit, date(s) of data collection including names of instrument/machine actually used in the field, during preparation of EIA report, is to be clearly highlighted in the EIA/EMP report.

XI. Proposal No.SIA/ML/MIN/66436/2021 submitted by Shri. Iasuklang War.

The Project Proponent, Shri Iasuklang War submitted online application for Term of Reference vide proposal No:SIA/ML/MIN/66436/2021 for Term of Reference for Sohnrain Limestone Mine for mining of Lime stone for an area of 2.12 hectares. The proposal is for mining of lime stone to be used in kilns for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Sohnrain, wahlong Village, Elaka Wahlong Sirdarship, East Khasi Hills District, Meghalaya and toposheet Survey of India No.78O/12 within the following GPS Coordinates:



Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 11'13.77''N	91° 42'31.04''E
2	25° 11'13.80''N	91° 42'34.10''E
3	25° 11'14.42''N	91° 42'35.21''E
4	25° 11'16.66''N	91° 42'37.22''E
5	25° 11'17.89''N	91° 42'35.91''E
6	25° 11'19.02''N	91° 42'36.79''E
7	25° 11'20.45''N	91° 42'35.80''E
8	25° 11'20.91''N	91° 42'34.24''E

The proposed mining area is on lease for a period of 20 years vide Lease Agreement made on the 2nd November 2020 certified by Notary, East Khasi Hills, District, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi Territorial Division, Shillong vide letter No.KH/8/NOC/Limestone/41/Pt.IV/5430, dated Shillong, the 19th February 2021 and letter of Intent vide letter No.KH/8/ML/Limestone/68/5563 dated Shillong, the 23rd February, 2021 respectively.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/118/2021/08 dated Shillong, the 3rd August 2021 which states that there are seven (7) 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 eight mines is summed up to 14.2011 hectares. 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/118/2021/04 dated Shillong, the 2nd July 2021. The Mining Plan has been prepared to extract lime stone at the rate of 50350 TPA with a project cost of Rs. 19.50 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserve of Limestone would be 1328710 MT. The production period of the mining plan would be around 251175 MT in 5 years. The balance reserves is 1328710 – 251175 = 1077535 MT. The yearly production target is 50225 MT. The balance reserves will

sufficient for $1077535/50,225 = 21.45$ years. Thus, the total life of the mine is $21.45 + 5 = 26.45$ or say 27 years.

Recommendation:

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth, as site visit could not be undertaken due to COVID 19 lockdown; the committee unanimously recommended for standard Term of Reference with the following additional conditions:

1. Site photographs together with photographs and other related details of site visits by resource persons of NABET accredited consultant of project proponent, with their names and profession/designation, together with date(s) of visit, date(s) of data collection including names of instrument/machine actually used in the field, during preparation of EIA report, is to be clearly highlighted in the EIA/EMP report.
2. The distance between the boundary of Shri Iasuklang War, project proponent with adjoining approved mining plan of Shri Methos Marwein shown as "6"(Six) metres in the Cluster Certificate, issued vide no DMR/MM/118/2021/08; dated Shillong, the 3rd August 2021. Accordingly, as per provisions of Section 111[(2)] of Metalliferous Mines Regulations, 1961 no working is permitted within a distance of minimum 7.5 metres from the boundary of adjoining mine. This aspect should be highlighted in the EIA/EMP report, public consultation report etc, seeking for EC.
3. Since the distance between the proposed mine and adjoining mine(s) in the said cluster is 6 (Six) metre and (7.5 metre after maintaining minimum 7.5 metres from adjoining mine as mentioned in clause 2 above) and nature of Over Burden (OB) is not known, as a precautionary measure, height of the 1st Bench is to be kept low, preferably within 1-3 metre maximum while maintaining width of the bench at 06 -7.5 metre.

XII. Proposal No.SIA/ML/MIN/66635/2021 submitted by Smti. Arbina M. Sangma.

The Project Proponent, Smti Arbina M. Sangma submitted online application for Term of Reference vide proposal No:SIA/ML/MIN/66635/2021 for Term of Reference for Bagli Limestone Quarry for mining of Lime stone for an area of 1.00 hectares. The proposal is for mining of lime stone to be used in kilns for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Bagli, South West Khasi Hills, District, Meghalaya and toposheet Survey of India No.780/4 within the following GPS Coordinates:



Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 12'34.0"N	91° 04'22.0"E
2	25° 12'36.0"N	91° 04'21.0"E
3	25° 12'38.19"N	91° 04'23.48"E
4	25° 12'35.43"N	91° 04'24.49"E

The proposed mining area is on lease for a period of 10 years vide Deed of Lease Agreement execute on the ___ day of November 2017 certified by District Registrar, South West Khasi Hills District, Mawkyrwat.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Territorial Division, West & South West Khasi Hills, Nongstoin vide letter No.T/W&SW/20/NOC(L)/170 dated Nongstoin, the 7th February 2018 and letter of Intent vide letter No.T/WSW/ML/LS/A.M Sangma(1ha)/217 dated Nongstoin, the 21st February, 2019 respectively.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/26/2019/10 dated Shillong, the 4th August 2021 which states that there are seven (7) 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 eight mines is summed up to 17.2 hectares.

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/26/2019/45 dated Shillong, the 17th April 2019. The Mining Plan has been prepared to extract lime stone at the rate of 83960 TPA with a project cost of Rs. 28.5 lakhs and the operations will be open cast, semi-mechanized method of mining.

The mineable reserve would be 419799 Tonnes with an average annual production of 83960 (419799/5=83960) Tonnes. The average annual production of limestone may be different from annual production of five years plan period. Thus the total mineable reserve will be worked out in 5 years. Therefore, the life of the mine will be 5 years (five years in plan period).

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, as site visit

could not be undertaken due to COVID 19 lockdown; the committee unanimously recommended for standard Term of Reference with the following additional conditions:

1. LOI ought to be renewed as the validity has been 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.

XIII. Proposal No.SIA/ML/MIN/66822/2021 submitted by Shri. Iainehskhem Gallong

The Project Proponent, Shri Iainehskhem Gallong submitted online application for Term of Reference vide proposal No:SIA/ML/MIN/66822/2021 for Term of Reference for Temmaw Limestone Mine for mining of Lime stone for an area of 4.45 hectares. The proposal is for mining of lime stone to be used in kilns for construction purposes. The project falls under Schedule 1(a) of category B2 of EIA Notification 2006. The mining lease area is located at Temmaw, Elaka Wahlong Sirdarship, East Khasi Hills, District, Meghalaya and toposheet Survey of India No.78 O/12 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 10'49.44''N	91° 42'58.44''E
2	25° 10'57.35''N	91° 42'58.60''E
3	25° 10'56.47''N	91° 43'05.18''E
4	25° 10'50.73''N	91° 43'06.76''E

The proposed mining area is on lease for a period of 30 years vide Lease Agreement made on the 22nd day of January 2020 certified by Notary, East Khasi Hills District, Meghalaya.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, East Khasi Hills & Ri Bhoi (T) Division vide letter No.KH/8/NOC/Limestone/41/Pt.IV/5476 dated Shillong, the 22nd February 2021 and letter of Intent vide letter No.KH/8/ML/Limestone/68/5526 dated Shillong, the 23rd February, 2020 respectively.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/116/2021/10 dated

Shillong, the 3rd August 2021 which states that there are six (6) 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 seven mines is summed up to 19.3672 hectares. 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/116/2021/06 dated Shillong, the 30th June 2021. The Mining Plan has been prepared to extract lime stone at the rate of 265804 TPA with a project cost of Rs. 29.5 lakhs and the operations will be open cast, semi-mechanized method of mining. The mineable reserve would be 3987063 Tonnes with an average annual production of 265804 (3987063/15=265804) Tonnes. The average annual production of limestone may be different from annual production of five years plan period. Thus 1328074 tonnes of the total mineable reserves will be worked out in first 5 years and the rest quantity of mineable reserve i.e.(3987063-1328074)=2658989 tonnes would be exhausted in further 10 years with an average production of 265899 tonnes/annum. Therefore, the life of the mine will be 15 years (five years in plan period +10 years of conceptual working period).

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, as site visit could not be undertaken due to COVID 19 lockdown; the committee unanimously recommended for standard Term of Reference with the following additional conditions:

1. LOI ought to be renewed as the validity has been 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.

The meeting ended with a vote of thanks from the Chair



Chairman
State Expert Appraisal Committee
Meghalaya Shillong