STATE EXPERT APPRAISAL COMMITTEE (SEAC)
:: MEGHALAYA ::
'SYLVAN' House, Lower Lachumiere,
East Khasi Hills, Shillong – 793 001.

MINUTES OF 37TH MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE, MEGHALAYA SHILLONG HELD ON 21ST DECEMBER 2020 FOR ENVIRONMENTAL APPRAISAL OF NON-COAL MINING PROJECTS

Members of the Committee present:

Sl.No	Name	Designation	Signature
1	Shri Toiler H.S. Bonney (Rtd) IFS	Member	-Sd-
2	Prof. Donkupar Syiem	Member	-Sd-
3	Shri. Puhran M. Sangma	Member	-Sd-
4	Shri. Phngain Singh Giri Lyngdoh	Member	-Sd-
5	Shri. Hamklet Suchiang, MFS Deputy Conservator of Forest (SF & Env.)	Member Secretary SEAC	-Sd-

The 37th meeting of State Expert Appraisal Committee (SEAC), Meghalaya, Shillong, held on 21st December 2020 from 11:00 AM on ward in the Conference Hall, Sylvan House, Meghalaya Shillong and presided over by Shri Toiler H.S. Bonney, IFS, (Rtd). At the outset he, 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/121/2020/1 Dated Shillong, the 16th December, 2020, accordingly. All proposed mining areas are cross checked through google earth and some project, located in East Khasi Hills, North Garo Hills, West Garo Hills and South West Garo Hills District, the committee conducted site visit.

1. Confirmation of the minutes of the 36th Meeting held on 30th November and 1st December 2020

The minutes was confirmed.

2. Action taken report as per the decision taken in the 36th Meeting.

As decided in the 36th meeting, 9 (nine) number proposal for Environment Clearance and 6 (six) nos. of Term of Reference, were recommended to State Environment Impact Assessment Authority, Meghalaya Shillong for onward necessary action from their end.

The committee also recommended for Additional Detail Sought 1 (one) nos. and 2 (two) proposal for further Consideration.

A. ENVIRONMENT CLEARANCE

3. Proposal No.SIA/ML/MIN/39677/2019 submitted by Shri Karbar Tyngkan for Environmental Clearance for an area of 1.96 Ha. located near Muriap, Raliang, West Jaintia Hills District, Meghalaya

The Project Proponent Shri. Karbar Tyngkan, submitted online application vide Proposal No. SIA/ML/MIN/**39677**/2019 for Environmental Clearance for Hill Sand Mining for an area of 1.96 hectares. The proposal is for mining of Hill Sand use for construction purposes, hence the project fall under Schedule 1(a) of category B2 of EIA Notification 2006. The area located near Muriap, Raliang, West Jaintia Hills District, Meghalaya and toposheet Survey of India No.83C/10 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 31' 07.7"N	92° 35' 59.6"E
2	25° 31' 04.8"N	92° 36' 02.2"E

3	25° 31' 03.3"N	92° 36' 00.7"E
4	25° 31' 02.1"N	92° 35' 59.7"E
5	25° 31' 00.1"N	92° 35' 57.6"E
6	25° 30' 58.7"N	92° 35' 55.5"E
7	25° 30' 57.6"N	92° 35' 53.7"E
8	25° 30' 58.0"N	92° 35' 53.2"E
9	25° 31' 01.7"N	92° 35' 57.2"E
10	25° 31' 03.9"N	92° 35' 58.3"E
11	25° 31' 06.5"N	92° 35' 58.2"E

The proposed land belongs to the project proponent vide Land Holding Certificate No. 12 of 2018 issued by the Revenue Officer, Jaintia Autonomous District Council, Jowai vide letter No.MEMO.NO. JHADC/REV/LHC. 13/157/2017, dated Jowai, the 17th January 2018.

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/972 dated Jowai, the 24th August 2018 and letter of Intent vide letter No.JH/MMMCR-2016/2016-17/869/B/1916 dated Jowai, the 9th July, 2019.

The project proponent has obtained a cluster certificate from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai, vide letter No.DMO-J/02/ MM/Mining Plan/2018-19/5 dated Jowai, the 16th April 2019, where it is mentioned that there is no approved mining plan located within 500 metres from the mining lease area. Hence, Environment Management Plan is not required.

The project proponent submitted approved Mining Plan and Progressive Mine Closure Plan from the Divisional Mining Officer, Directorate of Mineral Resources, Meghalaya, Jowai vide letter No.DMO-J/MM/Mining Plan/4, dated Jowai, the 30th March 2019. The Mining plan has been prepared to extract hill sand at an annual rate of 124680 tonnes with a project cost of Rs. 19.00 lakhs and the operations will be open cast mining with semi-mechanized method of mining. As per the mining plan, the mineable reserves of sand is of the order of 10,30,700 tonnes. The production in the period of this mining plan will be around 6,23,400 tonnes in 5 years. Balance reserves would be (10,30,700 -6,23,400) or 4,07,300 tonnes. If the production target is 1,51,200 tonnes, the balance reserves will sufficient for 4,07,300/1,51,300 or 2.69 years Thus the total life of the mine is 5+2.69= 7.69 or say 8 years.

The Committee during deliberation and scrutiny of the proposal noted that sand has very poor cohesive strength. During monsoon season/period there is every likelihood of loose sand being carried away to nearby road and paddy fields, thereby causing siltation of roadside drain and the paddy fields. Safe guard measures to be undertaken in this respect are to be clearly mentioned for further consideration by the Committee.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth, the committee unanimously recommend for ADS (Additional Detail Sought). The PP is to submit a comprehensive plan to safe guard siltation in the nearby paddy field and state highway.

B. TERM OF REFERENCE

4. Proposal No.SIA/ML/MIN/57179/2020 submitted by Shri. Koberth Ch. Marak for Term of Reference for Manggapara Stone Quarry for an area of 0.937 ha. located at Manggapara, Grenggandhi, P.O. Zekabari, P.S. Tura, West Garo Hills District, Meghalaya.

The Project Proponent Shri. Koberth Ch. Marak, submitted online application vide proposal No. SIA/ML/MIN/57179/2020 for Term of Reference for Boulder Stone Quarry for an area of 0.937 hectare. 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 Manggapara, Grenggandhi, P.O. Zekabari, P.S. Tura, West Garo Hills District, Meghalaya and toposheet Survey of India No.78k/2 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 37'47.05"N	90° 00'43.61"E
2	25° 37'49.51"N	90° 00'42.41"E
3	25° 37'50.89"N	90° 00'45.59"E
4	25° 37'48.23"N	90° 00'47.21"E

The proposed land is on lease for a period of 20 years which was executed on the 14th July 2017 registered at D.C. Office, Tura, District Registrar.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West, South & South West Garo Hills Territorial Division, Tura vide letter No.B/16/VII/NOC/MMMCR/3246-256, dated Tura, the 16th November, 2017 and letter of Intent vide letter No.B/16/VII/2390 dated Tura, the 15th June 2018 and subsequently renewed vide letter No.B/16/VII/3084-87 dated Tura, the 16th August 2019 issued by the Divisional Forest Officer, West and South West Garo Hills Territorial Division, Tura.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2019/111 dated Williamnagar, the 18th September, 2020 which states that there are four 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 total nine mines is summed up to 10.997 hectares.

The project proponent submitted the approved Mining Plan with Progressive Mine Closure Plan approved by the Director of Mineral Resources, Government of Meghalaya, vide letter No. DMR/MM/201/2018/2128 dated Shillong, the 15th March 2019. The Mining Plan has been prepared to extract boulder stone at the rate of 33415 TPA with a project cost of Rs.29.40 lakhs and the operations will be open cast, semi-mechanized method of mining. The mineable reserve would be 334594 tonnes with an average annual production of 33459 (334594/10) tonnes per year and production of stone in first five years will be 161222 tonnes. The average annual production of stone may be different from the annual production of first five years. The balance mineable reserve, 173372 tonnes will be worked out in the subsequent 5 years. So, life of mine will be 10 years (first 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, the committee unanimously recommended for standard **Term of Reference.**

5. Proposal No.SIA/ML/MIN/57763/2020 submitted by Smt. Fridina D. Shira for Term of Reference for Dhapguri Stone Mine for an area of 1.26 ha. located at Dhapguri, P.O. Zikabari, West Garo Hills District, Meghalaya.

The Project Proponent Smt. Fridina D. Shira, submitted online application vide proposal No. SIA/ML/MIN/57763/2020 for Term of Reference for Boulder Stone Quarry for an area of 1.26 hectare. 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 Dhapguri, P.O. Zikabari, West Garo Hills District, Meghalaya and toposheet Survey of India No.78k/2 within the following GPS Coordinates:

Pillar No	GPS Coordinates	
	Latitude	Longitude
1	25° 38'12.61"N	90° 00'52.99"E
2	25° 38'14.04"N	90° 00'54.10"E
3	25° 38'10.73"N	90° 00'59.48"E
4	25° 38'09.36"N	90° 00'58.54"E

The proposed land is on lease for a period of 20 years which was executed on the 27th March 2017 registered at D.C. Office, Tura, District Registrar.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, West, South & South West Garo Hills Territorial Division, Tura vide letter No.B/16/VII/NOC/MMMCR/1493-499, dated Tura, the 20th June, 2017 and letter of Intent vide letter No.B/16/VII/213 dated Tura, the 28th January 2019.

The project proponent obtained a cluster certificate from the Divisional Mining Officer, East Garo Hills, Williamnagar vide letter No.DMO-W/MP/15/2019/116 dated Williamnagar, the 15th October, 2020 which states that there are three 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 total nine mines is summed up to 9.98 hectares.

The project proponent submitted the approved Mining Plan with Progressive Mine Closure Plan approved by the Divisional Mining Officer, East Garo Hills, Williamnagar. The Mining Plan has been prepared to extract boulder stone at the rate of 40956 TPA with a project cost of Rs.8.00 lakhs and the operations will be open cast, semi-mechanized method of mining. The total mineable reserve would be 409562 tonnes with an average annual production of 40956 (409562/10) tonnes per year and production of stone in first five years will be 201169 tonnes. The average annual production of stone may be different from the annual production of first five years and the balance mineable reserve for last 5 years would be 208393 tonnes. So life of the mine will be 10 years.

Recommendation

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

6. Proposal No.SIA/ML/MIN/57791/2020 submitted by Shri Albert Steven Diengdoh for Term of Reference for Steven Limestone Mine Quarry for an area of 3.6 ha. located at Bagli, Khonjoy village, South West Khasi Hills District, Meghalaya.

The Project Proponent Shri. **Albert Steven Diengdoh,** submitted online application vide proposal No. SIA/ML/MIN/**57791**/2020 for Term of Reference for Limestone Mine for an area of 3.6 hectare. The proposal is for mining of limestone to supply to lime kilns and 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, Khonjoy village, 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' 47.24"N	91° 3' 18.68"E
2	25° 12' 49.75"N	91° 3' 21.52"E
3	25° 12' 52.52"N	91° 3' 25.61"E
4	25° 12' 47.24"N	91° 3' 27.99"E
5	25° 12' 45.49"N	91° 3' 23.87"E
6	25° 12' 43.83"N	91° 3' 19.91"E

The proposed land is on lease for a period of 15 years which was executed on the 3rd March 2015 certified by the Sub-Registrar, South West Khasi Hills, Mawkyrwat.

The applied area is a Non Forest Land which was confirmed by the Divisional Forest Officer, Khasi Hills Territorial Division Shillong vide letter No.KH/8/NOC/Limestone/41/Pt/IV/611, dated Shillong, the 7th May, 2018 and letter of Intent vide letter No.T/WSW/ML/LS/AS Diengdoh/324 dated Nongstoin, the 19th June 2020 from the Divisional Forest Officer, Social Forestry & Territorial Division, West & South West Khasi Hills, Nongstoin.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/226/2018/12 dated Shillong, the 8th September, 2020 which states that there are four 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 total nine mines is summed up to 19.4 hectares.

The project proponent submitted the approved Mining Plan with Progressive Mine Closure Plan approved by the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/226/2018/457, dated Shillong, the 19th June 2019. The Mining Plan has been prepared to extract Limestone at the rate of 60,000 TPA with a project cost of Rs.65 lakhs and the operations will be open cast, semi-mechanized method of mining. The mine has a total measured mineable reserves of 14,57,212,MT. The mine is targeted to produce 60,000 MT of limestone per annum taking the production as 240 TPD taking 250 as the total working days per annum. On this basis, the anticipated life of the mine will be 24.3 years. But after leaving residual benches to prevent a vertical face around the mined out area, the reserves of limestone that will be blocked on the residual benches will be 1,28,882 MT. The mineable reserves therefore comes to only 13,28,330 MT. Accordingly, the actual anticipated life of the mine will be 22.1 years.

Recommendation

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

7. Proposal No.SIA/ML/MIN/58132/2020 submitted by Smti. Evalyni Kharbani for Term of Reference for Ruieng Limestone Mine for an area of 1.58 ha. located at Ruieng, Lynti Dkhar, Sohbar Sirdarship, East Khasi Hills District, Meghalaya.

The Project Proponent, Smti. Evalyni Kharbani submitted online application vide proposal No. SIA/ML/MIN/58132/2020 for Term of Reference for Ruieng Limestone Mine for an area of 1.58 hectare. The proposal is for mining of limestone 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 Ruieng, Lynti Dkhar, 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' 19.26"N	91° 44' 40.78"E
2	25° 11' 18.98"N	91° 44' 38.52"E
3	25° 11' 19.54"N	91° 44' 37.97"E
4	25° 11' 20.61"N	91° 44' 38.37"E
5	25° 11' 21.07"N	91° 44' 38.04"E
6	25° 11' 20.33"N	91° 44' 36.81"E
7	25° 11' 18.02"N	91° 44' 33.90"E
8	25° 11' 16.45"N	91° 44' 34.98"E
9	25° 11' 17.42"N	91° 44' 37.81"E
10	25° 11' 17.37"N	91° 44' 39.49"E
11	25° 11' 18.52"N	91° 44' 40.98"E

The proposed land is on lease for a period of 50 years which was executed on the 25th November 2019 certified by Notary.

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/1808, dated Shillong, the 22nd July, 2020 and letter of Intent vide letter No.KH/8/ML/Limestone/68/1838 dated Shillong, the 31st July 2020.

The project proponent obtained a cluster certificate from the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter No.DMR/MM/85/2020/07 dated Shillong, the 14th October, 2020 which states that there are six 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 total nine mines is summed up to 15.824 hectares.

The project proponent submitted the approved Mining Plan with Progressive Mine Closure Plan approved by the Mining Engineer, Directorate of Mineral Resources, Meghalaya, Shillong vide letter

No.DMR/MM/85/2020/02 dated Shillong, the 25th September 2020. The Mining Plan has been prepared to extract Limestone at the rate of 101687 TPA with a project cost of Rs.30.50 lakhs and the operations will be open cast, semi-mechanized method of mining. As per the mining plan, the mineable reserve would be 508467 tonnes with an average annual production of 101693 (508467/5) tonnes. The average annual production of limestone may be different from annual production of five years plan period. Thus 507789 tonnes of the total mineable reserve will be worked out in first 5 years and the rest quantity of mineable reserve i.e. (508467 – 507789) = 678 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, the committee unanimously recommended for standard **Term of Reference.**

8. Proposal No.SIA/ML/MIN/58507/2020 submitted by Smti. Evalyni Kharbani for Term of Reference for, Marasali Boulder Stone Mine for an area of 15 ha. located at Marasali, P.O. Dhanua, P.S. Tura, Selsella, West Garo Hills District, Meghalaya.

The Project Proponent, Smti. Evalyni Kharbani submitted online application vide proposal No. **SIA/ML/MIN/58507/2020** for Term of Reference for 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 toposheet Survey of India 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

The proposed land is on lease for a period of 30 years which was executed on the 20th May 2019 registered at 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 dtd 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 Rs.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) 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).

Recommendation

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

9: Online proposal No.SIA/ML/MIN/47308/2019 submitted by Green Valliey Industries Limited for Term Of Reference (TOR) for Madan Pyrda Block-2 for mining of limestone for an area of 10.71 hectare located at Madan Pyrda Chiehruphi, Narpuh Elaka, East Jaintia Hills, Meghalaya.

The Committee deliberated the project proposal submitted by Green Valliey Industries Limited for Term Of Reference (TOR) vide **Online proposal No.SIA/ML/MIN/47308/2019** for Madan Pyrda Block-2 Limestone mining for an area of 10.71 hectare located at Madan Pyrda under Schedule 1(a) of Category B1 of EIA Notification 2006 at Chiehruphi, Narpuh Elaka, East Jaintia Hills, Meghalaya by M/s Green Valliey Industries Limited. The latitude of the project area is 25°12'.30.58" to 25°12'40.29" N and longitude is 92°22'52.97"to 92°23'13.14"E with maximum contour of 795 mRL and minimum contour of 770 mRL. The area falls in the Survey of India Topo-sheet no. 83C/8(Restricted topo sheet).

The PP submitted the approved Mining Plan by the IBM, Guwahati and as per the plan the geological reserves is 1,39,97,921 Tonnes and the Mineable reserves is 74,49,602 Tonnes and the production target during the period is 15,03,683 Taking 4,00,602 Tonnes of production after plan period the life of mine comes to be 19.84 years i.e. 20 years.

Mining operations will be carried out in one mining pit from 794 mRL to 716 mRL (during plan period) by fully mechanized opencast method, utilizing heavy earth moving machinery (HEMM) in conjunction with deep hole drilling and blasting by the help of suitable explosives. Mining will be carried out with a maximum bench height of 6m and working width of about 15 m.

Mining machineries required for mine will be 2- Shovels (0.9 m3), 1- Loader (1.7 m3), 2-Wagon drill (110 mm), 6- Dumpers (14 m3), 1- Rock Breaker, 1- Water Tanker (8000 liter), 1- Passenger Vehicle, 2- Utility Vehicle, 1- Explosive Van, 1- Ambulance. The diesel consumption per day will be around 750 litters sourced from nearby Diesel Pump station. Total water requirement will be 30 KLD which will be used for sprinkling, drinking & domestic purpose and plantation & will be sourced from company's cement plant.

During Plan period, 6, 85, 621.87 m3 of waste will be generated which will be dumped in the dumping yard within the mining lease area. Top soil will be used in plantation to be undertaken in prescribed green belt.

The committee observed that the proposed mine area is a gentle sloping bowl shaped land and falls under "Deemed forest land". The PP has already applied for Forest Clearance with Proposal No.FP/ML/MIN/40422/2019. The PP submitted that the Boundary of Narpuh Wildlife Sanctuary is located at distance of approx. 8.16 km in south east direction from the Mine lease area and Boundary of ESZ of Narpuh Wildlife Sanctuary is approx. 6.82 km SSE away from the mining lease area.

The proposal was placed in the 29th meeting of the Committee held on 25th February 2020 and 35th meeting held on 30th October 2020 with a recommendation, that the PP to submit the correct kml file and GPS Map which subsequently the PP complied with.

Recommendation

After due screening and examination of all the documents submitted by the Project Proponent and site cross checking and deliberation by using kml file through google earth, the committee unanimously recommended for grant of Term of Reference, along with the following additional condition:

(i) Regeneration of Ficus elastica is to be undertaken by taking stock of planting materials from the parent tree/trees available within the area. Nursery is to be created on Green House Technology for propagating the species which is indigenous to the area.

Vice Chairman 4/01
State Expert Appraisal Committee
Meghalaya Shillong

STATE EXPERT APPRAISAL COMMITTEE (SEAC)

::MEGHALAYA ::

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

37th MEETING OF THE STATE EXPERT APPRAISAL COMMITTEE (SEAC)

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

DATE: 21st December 2020. **TIME**: 11.00 A.M.

ATTENDANCE SHEET

MEMBERS PRESENT:

Sl. No.	Name, Designation & Address	Contact No. & E-mail Address	Signature
1.	Shri Nababrata Bhatacharjee, **Chairman**	9436313037 naavstar@yahoo.co.in	
2.	Shri Toiler H.S. Bonney, IFS(Retd.), **Member** Vice-Chairman	9862589288 thsbonney@gmail.com	
3.	Shri Shekhar K. Sangma, **Member**	9436112259 shekharsangma@gmail.com	
4.	Shri Puhran M. Sangma, **Member**	9436119801 puhransangma@yahoo.co.in	
5.	Prof. Donkupar Syiem, **Member**	9863109538 dsyiem@yahoo.com	21/12/20
6.	Shri Phngain Singh Giri Lyngdoh, **Member**	9863495222 psgl_bahdeng@yahoo.co.in	21/12/2020
7.	Shri Hamklet Suchiang, MFS **Member Secretary**	7005774909	