

Minutes of 45th meeting of Expert Appraisal Committee for the proposal involving violation of EIA Notification, 2006 held on 8th and 9th March, 2021

Following members were present in the meeting:

- (i) Dr. Satish R Wate -Chairman
- (ii) Dr. G.V. Subrahmanyam -Member
- (iii) Dr. A.L. Ramanathan -Member
- (iv) Shri K Gowarappan -Member
- (v) Dr. Dilip S. Ramteke -Member
- (vi) Dr. Poonam Kumria -Member
- (vii) Dr. Bharat Jain -Member
- (viii) Dr.Subrata Maity -Member
- (ix) Shri Ashok Agrawal –Member
- (x) Shri Anil Kumar Jha -Member
- (xi) Shri Amardeep Raju-Member Secretary

Day 1: 8th March, 2021

Time: 11.00 AM to 05.30 PM

45.1. Opening remarks of the Chairman

45.2. Confirmation of the minutes of the 44th meeting held on 18th-19th February, 2021 at Indira Paryavaran Bhawan, JorBagh Road, New Delhi

44.3.9. Alangulam Lime Stone Mine (MLA 180.83 Ha) at Village Alangulam & Lakshmipuram, Taluk Sivakasai, District Virudhunagar (Tamilnadu) by M/s Tamilnadu Cements Corporation Limited - Further consideration for Terms of Reference Proposal No. IA/TN/MIN/65890/2017 and File No. 23-167/2018-IA.III (V)

Under item 44.3.9, following ToR, shall be considered as deleted:

xiv: Valid mine lease documents in the name of M/s Steel Authority of the India Limited (SAIL) shall be submitted.

Total excavation details shall be read as follows:

Total excavation -141570 tonnes (limestone-99099 tonnes + total waste-42471 tonnes + top soil -0 tonnes)

44.4.2. Alangulam Lime Stone Mines-II (ML Area 420.25.0 Ha) at Villages Gopalapuram & Vadakarai of Rajapalayam Taluk & Village Lakshmipuram of Sivakasi Taluk, District Virudhunagar (Tamilnadu) by M/s Tamilnadu Cements Corporation Limited - Further consideration for Terms of Reference Proposal No. IA/TN/MIN/66248/2017 and File No. 23-170/2018-IA.III (V)

Under item 44.4.2, following ToR, shall be considered as deleted:

xiv: Valid mine lease documents in the name of M/s Steel Authority of the India Limited (SAIL) shall be submitted.

Total excavation details shall be read as follows:

Total excavation -280328 tonnes (limestone-182496 tonnes + total waste- 97832 tonnes + top soil -0 tonnes)

44.4.10. Jhillingburu-I Iron & Manganese Ore Mining project of M/s Steel Authority of India Ltd. for enhancement of production capacity of manganese ore from 42,000 TPA to 61,362 TPA located at P.O. Gua, Block Noamundi, District West Singhbhum, Jharkhand (ML Area 210.526 Ha) - Further consideration for Terms of Reference Proposal No. IA/JH/MIN/73909/2018 and File No. 23-232/2018-IA.III (V)

Project Proponent vide email dated 15.03.2021 informed to the EAC that the draft EIA/EMP report was submitted to JSPCB on 30.08.2016 for conducting public hearing. Public hearing was conducted on 12.11.2016. Final EIA-EMP report was submitted to Non-Coal mining sector, MoEFCC on 04.01.2017 online for consideration of EC and after acceptance by MoEFCC on 10.02.2017. PP requested for following:

- Additional ToR for assessment of ecological damage & remediation plan
- One-month baseline data generation for re-validation of the previous baseline data generated during post-monsoon 2015
- Exemption of Public Hearing as the same was conducted successfully for this project on 12.11.2016

EAC deliberated on the PP request and observed that standard ToR has not been recommended by the sectoral EAC. Therefore, PP is required to prepare comprehensive report considering both standard and specific ToR as recommended in the 44th EAC meeting. Regarding, re-validation of the baseline data generated during post monsoon-2015, EAC opined that PP may collect one-month post monsoon base line data for validation. Further, consider post monsoon season a bit ahead, EAC suggested PP may collect a fresh summer season base line data for preparation of EIA/EMP report.

Regarding PH exemption, EAC deliberated and recommend that the following ToR of 44th EAC meeting:

6. The PP is required to conduct public hearing as per EIA notification, 2006.

Shall be read as:

6. The Project Proponent mentioned that Public Hearing has been conducted on 12.11.2016 for the same capacity and area. One-time public hearing as per the Order of Hon'ble High Court of Madras has been taken care therefore repeat public hearing is not required in the instant case. However, PP should also address all the issues raised during the already held public hearing along with commitments made and with fund provision to address above issues in tabular form to be submitted along with EIA/EMP report.

45.3 Proposal for consideration

45.3.1. Kadadiha China Clay Mine of M/s Jagdish Mines & Metals Pvt. Ltd. for exploration of China Clay occurring in the ML area of 367.058 Ha located at villages Kadadiha No.26, Khandabandha No. 43, Kudarbisida No.45 and Rugudi No. 45, TehasilJashipur, District Mayurbhanj, Odisha - Further consideration for Terms of Reference Proposal No. IA/OR/MIN/73975/2018 and File No. 23-233/2018-IA.III (V)

Observations and recommendations of 12th EAC meeting held on 28th-29th August 2018:

Proponent requested to defer the proposal.

Observations and recommendations of 32nd EAC meeting held on 22nd -23rd April, 2020

Project Proponent did not attend the meeting.

Observations and recommendations of 33rd EAC meeting held on 18th -19th May, 2020 :

Proposal was not discussed on technical aspect by the EAC as PP has not submitted the valid mining lease documents. EAC therefore deferred the project for submission of following:

1. Valid mine lease document/LOI.
2. Revised affidavit as per the Ministry's OM dated 30.05.2018
3. Hard copies of all the documents duly signed be submitted to the Ministry
4. Past certified production details including silica sand and calcined clay.
5. Details of plantation including spacing, location, period may be mentioned.

Observations and recommendations of EAC in its 45th meeting held during 08th – 09th March, 2021 (present meeting)

EAC observed that proposal was listed earlier for appraisal and deferred as EAC sought certain additional information. This time PP did not attend, therefore EAC opined that Ministry may initiate action and issue necessary directions to the Project Proponent as may be deemed fit.

45.3.2. Proposed Pyrophyllite and Green Quartz Mine (M.L. Area 157.491Ha) of M/s Minex Resources Pvt. Ltd., located at Sy. No. 583 & 584/1, Villages Marrikommadinne & N.P.Kunta, Mandal N.P.Kunta, District Ananthapuramu, Andhra Pradesh - Further consideration for Terms of Reference Proposal No. IA/AP/MIN/74394/2018 and File No. 23-260/2018-IA.III (V)

Observations and recommendations of committee of 14th EAC meeting held on 22th - 24th October, 2018:

Project proponent requested to defer the proposal because they could not produce production details since inception of mine authenticated by the State department of Mines and Geology which is required to establish violation in the proposal.

Committee also observed that PP has not submitted affidavit as per the Ministry's OM dated 30.05.2018 for compliance of Hon'ble Supreme court order dated 02.08.2017 in CWP.

In view of PP request, EAC deferred the proposal and asked the PP to submit the following:

1. Affidavit as per the Ministry's OM dated 30.05.2018 for compliance of Hon'ble Supreme court order dated 2.8.2017 in CWP.
2. Production details authenticated by the state department of Mines and Geology.
3. Valid Mine lease documents for the validity of mine lease upto year 2023.

Observations and recommendations of EAC in its 45th meeting held during 08th – 09th March, 2021 (present meeting)

EAC observed that proposal was listed earlier for appraisal and deferred as EAC sought certain additional information. This time PP did not attend, therefore EAC opined that Ministry may initiate action and issue necessary directions to the Project Proponent as may be deemed fit.

45.3.3. Kargali OCP (0.75 MTY) of M/s Central Coalfields Limited located in District Bokaro, Jharkhand - Further consideration for Terms of Reference Proposal No. IA/JH/CMIN/74430/2018 and File No. 223-267/2018-IA.III (V)

Project Proponent along with the consultant made the detailed presentation on the project with the observation and recommendation of the sub-committee of the EAC visited the site on 20.01.2019 and inter-alia provided the following information:

The proposal is for consideration of ToR of Kargali OCP (0.75 MTPA) in project area of 198.91 Ha of M/s Central Coalfields limited located in Kargali village of District Bokaro, Jharkhand. The said land of 198.91 Ha of Kargali OCP was acquired by Railways under LA Act vide letter no. 10367R dated 30.11.1916 and transferred to NCDC in 1957. The agreement between Govt. of India & NCDC Ltd transferred the land to Coal India Ltd in Year 1973-74 and subsequently to Central Coalfields Limited. Kargali OCP is in operation in the acquired land prior to 1973-74 and at present it is under jurisdiction of Central Coalfields Limited.

Brief details on the project:

1. Name of Mineral Coal
2. Project Area 198.91Ha
3. Village, Mandal, district Village: Kargali Block: Bermo District: Bokaro, Jharkhand.
4. Category of the project : A
5. Whether project attracts the General Condition specified in the Schedule of EIA Notification : No
6. Details of river/water body-
7. **River Damodar falls within the buffer zone of Project area. The drainage is controlled by easterly flowing Damodar river in the south of project.**
8. **Details of forest issues : 60.35 Ha of Notified Forest for which Stage-I application for regularization is yet to be submitted.**
9. **Mine Capacity in ROM (Run of Mine) : 0.75 MTY**
10. **Whether the proposal is mining of Minor minerals project : No**
11. **Whether the proposal is mining of Major minerals project : Yes**
12. **No. of Mineral to be Mined with name : 1 , Coal**
13. **Details of mine lease: Acquired by Railways under LA Act vide letter no. 10367R dated 30.11.1916 and transferred to NCDC in 1957. Further land transferred from NCDC to Coal India in 1972 after nationalization.**

14. Details of past production of mine since its inception duly in tabular form:

| Year | Coal(in MT) | Year | Coal(in MT) |
|---------|--------------|---------|--------------|
| 1993-94 | 0.49 | 2007-08 | 0.11 |
| 1994-95 | 0.48 | 2008-09 | 0.23 |

| | |
|---------|------|
| 1995-96 | 0.50 |
| 1996-97 | 0.58 |
| 1997-98 | 0.60 |
| 1998-99 | 0.28 |
| 1999-00 | 0.05 |
| 2000-01 | 0.10 |
| 2001-02 | 0.12 |
| 2002-03 | 0.17 |
| 2003-04 | 0.08 |
| 2004-05 | 0.05 |
| 2005-06 | 0.06 |
| 2006-07 | 0.10 |

| | |
|---------|------|
| 2009-10 | 0.27 |
| 2010-11 | 0.26 |
| 2011-12 | 0.09 |
| 2012-13 | 0.04 |
| 2013-14 | 0.07 |
| 2014-15 | 0.04 |
| 2015-16 | 0 |
| 2016-17 | 0 |
| 2017-18 | 0 |
| 2018-19 | 0 |
| 2019-20 | 0 |
| 2020-21 | 0 |

15. Details of Violation (Brief description of the project activity that leads to violation of EIA Notification, 2006) :Kargali OCP is operating since 1974. Kargali OCP has no previous EC. The project has exceeded its capacity beyond 1993-94 production in subsequent years.

16. The chronology of events for seeking EC:

(i) Date of application for TOR/EC submitted to MoEF&CC/SEIAA: Form I uploaded on 13/04/2018 under MoEF&CC Notification No. S.O.804(E) dated 14.03.2017 and subsequent notifications

(ii) Date of appraisal of EAC/SEAC meetings so far: 22-24.10.2018

(iii) Observations/recommendations of the EAC/SEAC in each meeting: Committee noted the same and asked PP to submit the letter from District Forest officer that no forest land is involved in the entire mine lease area of 198.91 Ha and also and declaration about mining lease is not required for this project. site visit to Bhurkunda OCP and Kargali OCP is recommended.

(iv) Details of action taken by the State Government/SEIAA u/s 5/u/s 19 of the EP Act, 1986 for the alleged violation of the EIA Notification, 2006: Nil

(v) Complaint case filed by the State Government/ State Pollution Control Board: Nil

(vi) Legal interventions, if any NA

Observations and recommendations of committee of 14th EAC meeting held on 22th - 24th October, 2018:

Technical presentation was made by the project proponent and EAC noted that Kargali OCP is operating since 1974. Kargali OCP has no previous EC. The project has exceeded its capacity beyond 1993-94 production in subsequent years, hence a case violation of EIA notification. The EAC deferred the proposal because of following short fall while appraising the project:

I. As per the Form 1, no forest land is involved whereas KML file submitted by the PP with the Form 1, studied on DSS software by the Ministry, illustrates that mine project involves Protected Forest Land and project site is partly falling under Bokaro Forest. Committee noted the same and asked PP to submit the letter from District Forest officer that no forest land is involved in the entire mine lease area of 198.91 Ha and also and declaration about mining lease is not required for this project.

II. EAC also noted that Fly ash dumping in the mine lease area from the nearby Thermal power plant. Also, Damodar river is flowing close to the mines. On view of above observations, site visit to Bhurkunda OCP and Kargali OCP is recommended to have appreciation of environmental setting of these mines as well as potential cumulative impacts that these mines can cause during operation on the environmental setting in cumulative Karo OCP mine which is 5km distance from Kargali OCP and Dohri group mine which IS 12 km from Karo OCP. Total cumulative impact and its management of through EMP ecological restoration after damage assessment of these two mines i.e. Karo OCP and Dohri group mine will become part of ToR of Bhurkunda OCP and Kargali OCP.EAC recommended sub-committee of EAC will visit above four projects for on site assessment.

Observation and recommendation of the sub-committee of the EAC visited the site on 20.01.2019

Kargali OCP Observation of the sub-committee:

1. Committee observed the dumping of fly ash in the abandoned quarry.
2. Committee observed the old Coal Washery adjacent to lease area.

Recommendations of the sub-committee

1. Permission for dumping fly ash in the abandoned quarry.
2. Detail about the Coal Washery whether it is within the lease boundary or outside.
3. Ground water sample analysis around fly ash dumped quarry
4. Leachate study analysis due to dumping of fly ash in the quarry

Observations and recommendations of EAC in its 45th meeting held during 08th – 09th March, 2021 (present meeting)

After detailed presentation by the PP, EAC observed thatThe project is operating on Consent to Operate. There is no prior EC as per EIA Notification. Kargali OC produced 0.49 Mte in FY 1993-94. The project is in violation on account of production in excess of 1993-94 capacity (0.49 Mte).

On the forest clearance issue, EAC noted that Kargali OCP is a legacy mine of CCL, which started prior to year 1973-74. The land of Kargali OCP was broken before FY 1980. As per the direction of EAC, land authentication was requested from DFO Boakro & Circle Office Bermo to ensure that no forestland falls in the project area. However due to un-availability of land records at CO & DFO offices, translation of available land records and subsequent lockdown due to COVID-19, the activity of authentication of land records has taken long time than usual. The final land schedule has been prepared and as per the records the project area of Kargali OCP contains 60.35 Ha of Notified Forest land in area of 198.91 Ha. The final land schedule has been submitted to Circle Officer (Bermo) for authentication and it is expected that the forest application for regularization of Forest land of 60.35 Ha shall be made by 30.04.2021 and subsequently the revised documents shall be submitted for kind perusal of the Expert Appraisal Committee.

Regarding mine lease validity, EAC observed that the said land of 198.91 Ha of Kargali OCP was acquired by Railways under LA Act vide letter no. 10367R dated 30.11.1916 and transferred to NCDC in 1957. The agreement between Govt. of India & NCDC Ltd transferred the land to Coal India Ltd in Year 1973-74 and subsequently to Central Coalfields Limited. Subsequently, The Coal India (Regulation of Transfers and Validation) Act-2000 has extended the validity of lease of such transferred lands for additional 30 years i.e. till FY 2030.

EAC deliberated on the ash disposal in the mining lease area and noted that PP has presented Letter dated 04.02.2009 from Jharkhand State Pollution Control Board (JSPCB) to GM (B&K) area, stating non-requirement of NOC for fly ash dumping. Further, as per the present proposal, coal washery doesn't fall under the project boundary of 198.91 Ha. The KML is also submitted herewith which show that washery is situated outside the project boundary.

The EAC, after detailed deliberations on the information presented by the PP, **recommended** for issuing Standard Term of Reference along with the following specific Term of Reference for undertaking EIA and preparation of Environmental Management Plan (EMP) ***subject to submission of application for diversion of forest area prior to grant of ToR:***

- i. The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate to be issued till the project is granted EC.
- ii. The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- iii. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an

environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.

- iv. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- v. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
- vi. The PP is required to conduct public hearing as per EIA notification, 2006.
- vii. One season base line data is to be collected and reported in the EIA/EMP report.
- viii. Mine plan approved by Indian Bureau of Mines to be submitted.
- ix. DGMS permission is to be submitted for blasting at project site, if any.
- x. The PP should also address the all the issues raised during public hearing along with commitments made and with fund provision to address above issues in tabular form to be submitted along with EIA/EMP report.
- xi. Detailed hydrological study to be carried out in core and buffer zone of the project as per GEC 2015 guidelines.
- xii. In case of violation of undertaking submitted vide affidavit to Ministry, the ToR/Environmental Clearance shall be liable to be terminated forthwith.
- xiii. Budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage shall be completed within three years and to be prepared accordingly.
- xiv. The Action Plan on the compliance of the recommendations of the CAG as per Ministry's Circular No. J-11013/71/2016-IA.I (M), dated 25.10.2017 needs to be submitted at the time of appraisal of the project and included in the EIA/EMP Report.
- xv. Leachate study analysis due to dumping of fly ash in the quarry and in study area shall be carried out and submitted in the EIA/EMP report.

45.3.4. Bhadwasi Gypsum Mine (M.L. Area 1122.38 ha, ML No. 2/94) for production of Gypsum 3 MTPA, located near Village Bhadwasi, Makodi, Bhadana, Pilanwasi, Manzwat&Ganthilsar, Tehsil & District Nagaur, Rajasthan by M/s Rajasthan State Mines & Minerals Limited - Further consideration for Terms of Reference Proposal No. IA/RJ/MIN/74343/2018 and File No. 23-272/2018-IA.III (V)

Observations and recommendations of committee of 14th EAC meeting held on 22th - 24th October, 2018:

The EAC Committee after detailed presentation by PP, noted that it is a violation case as the PP has started production of gypsum from 2001 to June 2005 without obtaining requisite prior Environment Clearance as per MoEF&CC Notification 1994. It has been viewed as violations as the mining operation has been done without obtaining requisite prior environmental clearance and conveyed vide letter dated 13.02.2014. The mine operations have been suspended since 2005. Ministry has taken action as per the OM dated 12/12/2012 & 27/06/2013. Further vide letter dated 16/12/2014, the PP has submitted an affidavit for compliance & commitment that there will be no violation in future under Section 15 of the Environment (Protection) Act, 1986. Committee also noted that present application under violation is for four mining leases. Committee deferred the proposal for want of following information to be submitted:

1. EAC suggested to withdraw application from Non Coal Mining sector.
2. Submission of separate application & revised Form1 for each mine leases in the block.

Observations and recommendations of EAC in its 45th meeting held during 08th – 09th March, 2021 (present meeting)

EAC observed that proposal was listed earlier for appraisal and deferred as EAC sought certain additional information. This time PP did not attend, therefore EAC opined that Ministry may initiate action and issue necessary directions to the Project Proponent as may be deemed fit.

45.3.5. Colour Granite mine of over an area of 4.00 Hectares Sy. No: 185, Parlapally Village, Thimmapur Mandal, Karimnagar District, Telangana State by M/s Sreevaree Exports - Further consideration for Terms of Reference Proposal No. IA/TG/MIN/68517/2017 and File No. 23-282/2018-IA.III (V)

Observations and recommendations of committee of 15th EAC meeting held on 27th -29th November, 2018:

EAC after detailed presentation by the PP observed that lease document submitted by the PP is for 3.3 ha whereas in application PP has mentioned mining lease area is 4.0 ha. EAC therefore deferred the proposal for want of following information:

- (i) Submission of revised Form1 and PFR w.r.t proposed area , production in Cum, along with waste generated per year.
- (ii) Submission of kml file with coordinates authenticated by the state DMG .
- (iii) Declaration from state DMG that PP has not mined outside mine lease area.
- (iv) Permission from state DMG for storing Granite in stock yard outside mine lease area.
- (v) Site photograph showing EIA coordinator visited the site.

Observations and recommendations of EAC in its 45th meeting held during 08th – 09th March, 2021 (present meeting)

EAC observed that proposal was listed earlier for appraisal and deferred as EAC sought certain additional information. This time PP did not attend, therefore EAC opined that Ministry may initiate action and issue necessary directions to the Project Proponent as may be deemed fit.

45.3.6. Colour Granite mine of over an area of 1.5 Hectares at Sy. No.: 1133 Gattubuthkur Village, Gangadhara Mandal, Karimnagar District, Telangana State by M/s Sreevaree Exports - Further consideration for 45th EAC (Violation) 8-9 March, 2021_Agenda Page 4 of 4 Terms of Reference Proposal No. IA/TG/MIN/68568/2017 and File No. 23-283/2018-IA.III (V)

Observations and recommendations of committee of 15th EAC meeting held on 27th -29th November, 2018:

EAC after detailed presentation by the PP observed that PP has increased the production beyond EC capacity. EAC also observed that present application is for expansion from 1091 cum/ year to 7800 CUM/year whereas total waste generation is not mentioned in the Form 1 which is 42 ,455 CUM over the plan period. EAC therefore deferred the proposal for want of following information:

- i. Submission of revised Form1 and PFR w.r.t proposed production in Cum, along with waste generated per year.
- ii. Submission of kml file with coordinates authenticated by the state DMG .
- iii. Declaration from state DMG that PP has not mined outside mine lease area.
- iv. Permission from state DMG for storing Granite in stock yard outside mine lease area.
- v. Site photograph showing EIA coordinator visited the site

Observations and recommendations of EAC in its 45th meeting held during 08th – 09th March, 2021 (present meeting)

EAC observed that proposal was listed earlier for appraisal and deferred as EAC sought certain additional information. This time PP did not attend, therefore EAC opined that Ministry may initiate action and issue necessary directions to the Project Proponent as may be deemed fit.

45.3.7. Hiwardara Limestone & Dolomite Mine (ML Area 171.09 Ha) at Village Hiwardara, Taluka Wani, District Yavatmal (Maharashtra) by M/s Shree Bajrang Sales Pvt. Ltd. - Further consideration for Terms of Reference . Proposal No. IA/MH/MIN/66799/2017 and File No. 23-172/2018-IA.III (V)

Project Proponent along with the consultant made the detailed presentation on the project and inter-alia provided the following information:

The Proposal of M/S Shree Bajarang Sales Pvt.Ltd is for Mining of -Limestone and Dolomite- from -Hiwardhara Limestone and Dolomite Mine- for Total Excavation 0.2 Million Tonne per annum (MTPA)/ / Tonne per annum (TPA) [including 0.02 million tons of Waste, O.B, Inter Burden, Top Soil etc.] from mining lease area (171.09 Ha) located at Village Hiwardhara Tehsil Wani District Yavatmal, State Maharashtra by M/s Shree Bajarang Sales Pvt.Ltd

1. Project Background

The proposal of M/S Shree Bajarang Sales Pvt.Ltd is for production of Million Tonne 0.2 per annum (MTPA)/ / Tonne per annum (TPA) of limestone and Dolomite from - Hiwardhara Limestone and Dolomite Mine (ML Area 171.09 Ha, located at Survey No.71, 73 to 99 at Villages Hiwardhara Tehsil Wani, District Yavatmal State Maharashtra The mining lease is located on Survey of India Topo-sheet no 56 I/13 The area is bounded between the coordinates Latitude 19050'28" N to 19050'57" N and Longitude 78053'08" E to 78053'31" E

3. Category of the Project (Refer cluster certificate if applicable)

The said project/activity is covered under category A of item I (A) of the Schedule to the EIA Notification, 2006 as amended, and requires prior EC 6 k3d the MoEF&CC based on the appraisal by Expert Appraisal Committee or the State Expert Appraisal Committee in different

2. Violation Details & Sectorial EAC/SEAC Comments:

1. The project was appraised by Non-Coal Mining Sector in the 36th meeting held on 29/30th July 2015 and their observations are reproduced as below;

- It was observed by the Committee that the mine operated from 2005- 2009 without EC; therefore this is a violation case. The action on violation may be taken by Ministry. The presentation of the project was not as per the TOR compliance, therefore committee could not discuss the project and decided to defer the proposal.

2. Further the project was again appraised by the Violation Committee during their 10th Meeting dated 11/12 July 2018. The observations of this committee are as under

- The EAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and recommended to defer the proposal for want of following information from project proponent:

(i) Submission of valid documents for mine lease.

(ii) Lease plan authenticated by State mines and Geology department.

(iii) Copy of closure of mining activity.

(iv) Details of past production of mine since its inception duly authenticated by Department of Mines & Geology, State Government.

(v) Permission from DGMS as village inhabitant are near to mine lease area.

(vi) Submission of revised mining plan.

(vii) Chronological details of CTE and CTO granted, if any.

(viii) To submit the KML/Shape Files of the mine lease area at the time of presentation before EAC.

5. Application (Form-1 & PFR)

Fresh application was made online vide proposal no. Proposal No. IA/MH/MIN/66799/2017 dated 21.07.2017 under violation category for Term of References (ToR) in terms of provision of the Ministry's Notification S.O 804 (E) and submitted Form-1 and PFR . The proposed project activity is covered under 'Schedule I (A) of EIA Notification, 2006 and is a category 'A'

6. Details of Minerals:

Number of minerals. Whether mineral is major or minor. Status of same mineral before 2006 (major or minor): The proposed mining will be carried out for Limestone and Dolomite. Limestone is a major mineral and Dolomite is a minor mineral before 2006.

7. Letter of Intent (LoI)/Mining Lease Details:

- Letter from the Deputy Director of Mines and Geology, vide Order No. MMN-1120/48/IND-9 dated 03.01.2003 and the lease deed was executed for no. 30 of years w.e.f 26.04.2005 date and is valid till 25.04.2035. However, the DGM on vide order No MLV-Y-9(2)/2204/2017 dated 26.09.2017 declaring the mining lease in favour of the applicant as lapsed.
- Necessary application for the revival of this lease was made on 10.03.2018.
- DGM vide their letter dated 25.04.2019 had raised the demand for payment of Dead Rent, In fulfilment of the same a part payment (29.01.2021) has been made

8. Method of Mining & Mining Plan Details:

- The Mining Plan was approved by IBM/DMG vide LR No. dated 20.03.2003 Progressive Mine Closure Plan approved on 30.06.2004. As per which the method of mining shall be opencast / mechanized This includes removal of overburden, drilling by diesel compressors & jackhammer drills, blasting and removal of Limestone & Dolomite to the surface screening and sizing. Bench height 3 m and width 5 m with ultimate pit limit will be 15 m from the top. There is no intersection of the ground water table
- Only one top soil and one waste dump has been proposed with an area of 2.78 ha and 1.38 Ha respectively to accommodate 17864 m³ of soil and 50000 m³ of rejects. There is no proposal for backfilling.
- There is no proposal for crushing only screening and sizing. Water requirement is 60 m³/day. Plantation is proposed on 16.67 Ha at the end of 15th year covering 25000 trees of local species.
- Land use as per mining plan at the end of plan period and at conceptual stage.

9. Other Waste Generation, if any: Nil

10. Land Use (Forest/Agricultural/Waste

There is no forest land. The Agriculture land 116.02 Ha will be acquired through mutual consent and balance 55.07 Ha Government Land will be acquired as procedure in vogue.

11. Details of past production since inception of mine authenticated by DMG

Prepare table of past production in word format with reference to DMG letter no KA VI/ Khanikarm/BHO Ma PraSaha/PraKha/20 dated 29th September 2018.

| Sr No | Year | Mineral | Production without Environmental Clearance (tonnes) |
|--------------|-------------|----------------|--|
| 1 | 2008-09 | Limestone | 2257 |
| 2 | 2009-10 | Limestone | 11403 |

12. Applicability of General Condition & Status of SEIAA :NA

13. [Submit details about Aravalli/Doon Valley/ Western Ghats/Eco-Sensitive area, if any] :NA

14. Project Cost & Employment:

Project Cost : 112 Lakhs, Employment 127 persons including skilled and unskilled

15. Affidavit for SC Order 2.08.2017:

Note: Submit affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors.

Observations and recommendations of committee of 10th EAC meeting held on 11-12 July, 2018:

The EAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and recommended to defer the proposal for want of following information from project proponent:

- (i) Submission of valid documents for mine lease.
- (ii) Lease plan authenticated by State mines and Geology department.
- (iii) Copy of closure of mining activity.
- (iv) Details of past production of mine since its inception duly authenticated by Department of Mines & Geology, State Government.
- (v) Permission from DGMS as village inhabitant are near to mine lease area.
- (vi) Submission of revised mining plan.
- (vii) Chronological details of CTE and CTO granted, if any.
- (viii) To submit the KML/Shape Files of the mine lease area at the time of presentation before EAC.

Observations and recommendations of committee of EAC in its 44th meeting held during 18th – 19th February,2021:

EAC observed that Project Proponent could not present the case before the EAC. EAC advised to list the proposal in the next EAC meeting.

Observations and recommendations of EAC in its 45th meeting held during 08th – 09th March, 2021 (present meeting)

After detailed presentation by the PP on the additional information, EAC noted that M/S Shree Bajarang Sales Pvt.Ltd is a Private Limited Company involved in mining of limestone/Dolomite which will be used for their own cement plant and part of the Limestone & Dolomite production from the area will be supplied to metallurgical industries to be used as flux material. EAC further noted that earlier proposal was appraised in the sectoral committee of Non Coal, wherein violation was observed as PP had carried out the mining activity from 2005 to 2009 without valid EC.

Regarding valid mine lease validity, EAC (violation) observed that PP has submitted the letter from the Deputy Director of Mines and Geology, vide Order No. MMN-1120/48/IND-9 dated 03.01.2003 and the lease deed was executed for no. 30 of years w.e.f 26.04.2005 date and is valid till 25.04.2035. However, the DGM on vide order No MLV-Y-9(2)/2204/2017 dated 26.09.2017 declaring the mining lease in favour of the applicant as lapsed. Necessary application for the revival of this lease was made on 10.03.2018.DGM vide their letter dated 25.04.2019 had raised the demand for payment of Dead Rent.

There is no forest land in the project. CTE/CTO has not been obtained till date. EAC after detailed deliberation noted that PP is in gross violation as carried out mining activity without statutory clearances.

The EAC, after detailed deliberations on the information presented (Form 1, PFR, kml file etc) by the PP, **recommended** for issuing Standard Term of Reference along with the following specific Term of Reference for undertaking EIA and preparation of Environmental Management Plan (EMP) ***subject to submission of letter from the mining department stating that mining lease application for revival is under consideration in their department and submission of an affidavit as per Ministry OM dated 30.05.2018:***

- i.** The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate to be issued till the project is granted EC.
- ii.** The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after

successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.

- iii.** Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
- iv.** Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- v.** The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
- vi.** The Project Proponent has conducted Public Hearing on 02.05.2015 for the same capacity and area and it was valid at the time of submission of application under violation, therefore, one-time public hearing as per the Order of Hon'ble High Court of Madras has been taken care therefore repeat public hearing is not required in the instant case. However, PP should also address the all the issues raised during the already held public hearing along with commitments made and with fund provision to address above issues in tabular form to be submitted along with EIA/EMP report.
- vii.** One season base line data is to be collected and reported in the EIA/EMP report.
- viii.** Mine plan approved by Indian Bureau of Mines to be submitted. Updated mining plan shall be submitted with the EIA/EMP report.
- ix.** DGMS permission is to be submitted for blasting at project site, if any.
- x.** Detailed hydrological study to be carried out in core and buffer zone of the project as per GEC 2015 guidelines.
- xi.** Budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage shall be completed within three years and to be prepared accordingly.
- xii.** The Action Plan on the compliance of the recommendations of the CAG as per Ministry's Circular No. J-11013/71/2016-IA.I (M), dated 25.10.2017 needs to be submitted at the time of appraisal of the project and included in the EIA/EMP Report.
- xiii.** In case of violation of undertaking submitted vide affidavit to Ministry, the ToR/Environmental Clearance shall be liable to be terminated forthwith.

- xiv. Details of past production of mine since its inception duly authenticated by Department of Mines & Geology, State Government.
- xv. DSR shall be prepared for the mining of minor mineral.

Day 2: 09th March, 2021 (Time: 11.00 AM to 05.30 PM)

45.3.8. Colour Granite mine of over an area of 3.0 Ha at Sy. No : 81 Kalawala Village, Shankarapatanam Mandal, Karimnagar District, Telangana State by M/s SreeVenkateshwara Exports - Further consideration for Terms of Reference Proposal No. IA/TG/MIN/68613/2017 and File No. 23-285/2018-IA.III (V)

Observations and recommendations of committee of 15th EAC meeting held on 27th -29th November, 2018:

EAC after detailed presentation by the PP observed that PP has increased the production beyond EC capacity i.e 4800. EAC also observed that present application is for expansion from 4800 cum/year to 10312.5 CUM/year whereas total waste generation is not mentioned in the Form 1. Credible action was initiated, but pp repeated the violation again. EAC therefore deferred the proposal for want of following information:

- Submission of revised Form1 and PFR w.r.t proposed production in Cum along with waste generated per year.
- Submission of kml file with coordinated authenticated by the state DMG.
- Declaration from state DMG that PP has not mined outside mine lease area.
- EC letter and production details of two adjacent mine in the name of PP

Observations and recommendations of EAC in its 45th meeting held during 08th – 09th March, 2021 (present meeting)

EAC observed that proposal was listed earlier for appraisal and deferred as EAC sought certain additional information. This time PP did not attend, therefore EAC opined that Ministry may initiate action and issue necessary directions to the Project Proponent as may be deemed fit.

45.3.9. Siddavaram Silica Sand Mine (M.L. Area 105.22 Ha) of M/s Mangalore Minerals Pvt. Ltd. for mining of Silica Sand from 17,820 TPA to 300000 TPA at Village Siddavaram, Tehsil Kota, District Nellore, Andhra Pradesh - Further consideration for Terms of Reference Proposal No. IA/AP/MIN/68592/2017 and File No. 23-258/2018-IA.III (V)

Observations and recommendations of committee of 14th EAC meeting held on 22th - 24th October, 2018:

EAC observed that present proposal of M/s Mangalore Minerals Pvt. Ltd is for Mining of Silica Sand from Siddavaram Silica Sand Mine for total Excavation 0.306 Million Tone per annum (MTPA)/0.1224 million Cum per annum [including 0.3 million tons of Silica Sand & Waste/Sub grade rejects] from mining in lease area 105.22 Ha located at Village Siddavaram, Tehsil Kota, District Nellore, State Andhra Pradesh.

After detailed presentation by the PP, EAC noted that proponent did not draw reference to the issues raised by Non Coal mining sector wherein issue of site covering the forest land was mentioned. DSS picture which was referred by EAC violation committee also shows that site is partly covered by forest land. Contrary, as per PP submission, no forest land is involved in the mine lease area.

After detailed deliberation, the committee deferred the proposal for want of following information: Certificate from the State Forest Department that no forest land is involved in the mine lease area.

Observations and recommendations of EAC in its 45th meeting held during 08th – 09th March, 2021 (present meeting)

EAC observed that proposal was listed earlier for appraisal and deferred as EAC sought certain additional information. This time PP did not attend, therefore EAC opined that Ministry may initiate action and issue necessary directions to the Project Proponent as may be deemed fit.

45.3.10. Expansion of Grain based Distillery from 25 KLPD to 60 KLPD at Sy. No. 284 (B), Subhash Nagar, Village Gaurgaon, Taluka Kallamb, District Osmanabad (Maharashtra) by M/s Adlers Bio-Energy Limited - Further consideration for Terms of Reference File No. J-11011/422/2011-IA.II(I)

The Project Proponent and the accredited Consultant J.M. EnviroNetPvt. Ltd., made a detailed presentation on the salient features and informed following:

- i. The proposal is for environmental clearance to the project Expansion of Grain based Distillery from 25 KLPD to 60 KLPD at Sy. No. 284 (B), Subhash Nagar, Village Gaurgaon, Taluka Kallamb, District Osmanabad (Maharashtra) by M/s Adlers Bioenergy Ltd.
- ii. The project proposal was considered by the Expert Appraisal Committee (Industry 2) in its 31st meeting held during 12th -13th January, 2012 and recommended Terms of References (ToRs) for the Project. The ToR has been issued by Ministry vide letter No. J-11011/422/2011- IA II (I) dated 21st February, 2012.
- iii. All Non-Molasses based distilleries \geq 30 KLD are listed at S.N. 5(g) of Schedule of Environment Impact Assessment (EIA) Notification dated 14.9.2006 category 'A' and are appraised at Central Level by Expert Appraisal Committee (EAC).

- iv. SEIAA, Maharashtra had issued EC earlier vide letter no. EC(MR)-2009/290/CR.57/TC.1 dated 17th February, 2010 to the existing project 25 KLPD Grain based distillery in favour of M/s Adlers Bioenergy Ltd.
- v. Existing land area is 19 ha. No additional land will be required as proposed expansion will be done within the existing plant premises.
- vi. Industry has already developed greenbelt in an area of 40% i.e. 8.4 hectares out of total area of the project and the same will be maintained and made dense in future.
- vii. The estimated project cost is Rs. 22.5 Crores for expansion project. Total capital cost earmarked towards environmental pollution control measures is Rs. 2.3 Crores and the Recurring cost (operation and maintenance) will be about Rs. 37.5 Lacs/ annum Crores per annum.
- viii. Total Employment during operation phase will be 190 persons after expansion. Industry proposes to allocate Rs. 1.2 Crores towards Corporate Environment Responsibility. There are no national parks, wildlife sanctuaries, Biosphere Reserves, Tiger/Elephant Reserves, Wildlife Corridors, Reserved / Protected Forest etc. within 10 km distance from the plant site. Water bodies in 10 km radius study area are Nipani Pond, Kolegaon Tank & Bargaon Tank.
- ix. Ambient air quality monitoring was carried out at 8 locations during Summer Season (March to May, 2012) and the baseline data indicates the ranges of concentrations as: PM₁₀ (46.52 to 85.57 µg/m³), PM_{2.5} (19.55 to 40.02 µg/m³), SO₂ (6.28 to 9.38 µg/m³) & NO₂ (10.51 to 18.15 µg/m³). AAQ modelling study for point source emissions indicates that the maximum incremental GLCs after the expansion project would be 0.58 µg/m³, 1.0 µg/m³, 0.3 µg/m³ with respect to PM, SO₂ and NO_x. The resultant concentrations are within the National Ambient Air Quality Standards (NAAQS).
- x. After expansion, total water requirement is 2313 m³/day of which fresh water requirement of 830 m³/day (591 m³/day Distillery process + 189 m³/day Co-generation Power Plant + 50 m³/day Bottling Plant) will be met from MIDC supply, Latur.
- xi. After expansion, effluent of 714 m³/day quantity will be treated through Effluent Treatment Plant. The plant is being/will be based on Zero Liquid discharge system.
- xii. Total Power requirement after expansion will be 1950 KW including existing power requirement of 1100 KW and will be met from Captive Power Plant & Maharashtra State Electricity Board (MSEB). 2 D.G. Sets (750 KVA & 400 KVA) will be installed and used as standby during power failure. Stack (height 6 m) will be provided as per CPCB norms to the proposed DG set.

xiii. Existing unit has 20 TPH Coal fired boiler. Multi-cyclone dust collector & Bag Filter with a stack height of 45 m will be installed for controlling the particulate emissions within the statutory limit for the boiler.

xiv. Details of Process emissions generation and its management.

| Source | Emissions | Management |
|--------------|---|---|
| Boiler | Particulate matter, SO ₂ , NO _x | <ul style="list-style-type: none"> Multi-cyclone dust collector & Bag Filter as air pollution control equipment for existing & proposed boilers. Adequate stack height (45 m) is being /will be provided. Necessary temperature profile is being/will be maintained. |
| Fermentation | Carbon dioxide | Carbon dioxide generated is being/ will be collected by utilizing CO ₂ scrubbers and sold to authorized vendors. |

xv. Details of Solid waste/ Hazardous waste generation and its management.

- DWGS (150 MT) is mixed with concentrated Syrup from MEE and is dried in DDGS (50 MT) drier and sold as Cattle Feed. The Yeast sludge will be added to the Wet Cake.
- The ash (40 TPD) from the boiler is sold to brick manufactures for recycling.
- ETP sludge will be used as manure for green belt development.
- Used oil & grease generated from plant machinery/gear boxes as hazardous waste are being / will be sold out to the CPCB authorized recyclers.

xvi. Public Hearing for the expansion project has been conducted by Maharashtra Pollution Control Board on 23th November, 2012. The main issues raised during public hearing were related to employment, odour problems, environmental impacts on air & water pollution, benefits to local people, plantation, transportation facilities and medical facilities.

xvii. Details of Certified compliance report submitted by RO, MoEFCC. Certified Compliance report issued by regional office of the MoEF, Bhopal vide letter no. 18-C-140/2013(SEAC)/192 dated 07.02.2014.

xviii. The details of products and capacity as under:

| S. No. | Product | Existing | Proposed | Total |
|--------------------|--------------------|----------|----------|---------|
| Products | | | | |
| 1. | ENA / Fuel Ethanol | 25 KLPD | 35 KLPD | 60 KLPD |
| By-Products | | | | |

| | | | | |
|----|--|----------|----------|---------|
| 2. | Impure Spirit | 1.7 KLPD | 2.3 KLPD | 4 KLPD |
| 3. | Distillers' Wet Grains With Soluble (DWGS) (Moisture @ 70%) OR | 50 TPD | 68 TPD | 118 TPD |
| | Distillers' Dry Grains With Soluble (DDGS) (Moisture @ 10%) | 17 TPD | 23 TPD | 40 TPD |
| 4. | CO ₂ Gas | 20 TPD | 27 TPD | 47 TPD |

Observations and recommendations of committee of 21st EAC meeting held on 15th-16th April, 2019:

Project Proponent did not attend the meeting.

Observations and recommendations of committee of 29th EAC meeting held on 30th - 31st Dec, 2019:

Project Proponent did not attend the meeting.

Observations and recommendations of committee of 33rd EAC meeting held on 18th - 19th May, 2020:

Project Proponent did not attend the meeting.

Observations and recommendations of the EAC in the 43rd meeting held on 08th-09th March 2021.

EAC noted that the Project Proponent did not attend the meeting, however informed following vide letter dated 18.01.2021:

Proposal to increase our factory capacity from 25 KLPD to 60 KLPD was considered in the in 15th Reconstituted Expert Appraisal Committee (Industry) meeting held on 10th, 11th June 2013. The proposal was further reconsidered in the 18th Reconstituted Expert Appraisal Committee (Industry) meeting held on 28th April 2014 to 30th April 2014 wherein the MOEF RO certified compliance report dated 07.02.2014 was discussed. After detailed deliberations, the Committee based on the information provided recommended the project for Environmental Clearance with specific conditions.

The Additional Director, (Industry-2) - IA Division, Ministry of Environment, Forest & Climate Change, (MoEFCC) Government of India vide his letter dated 02.02.2015 informed the Company and also the Principal Secretary, Environment Department, Government of Maharashtra,

Mantralaya, Mumbai saying that the EC can be considered only after the following compliances are done -

- i. The matter relating to violation has been put to the Board of Directors of the Company or to the Managing Committee, for consideration of your environment related policy/plan of action and a written commitment in the formal resolution is submitted to MoEF to ensure that violations of the Environment (Protection) Act will not be repeated and
- ii. The State Government has initiated credible action on the violation and evidence provided to MoEF of the action taken.

The company has complied with above point no. i. and forwarded a written commitment in the form of a formal resolution stating that we will ensure that violation of the Environment (Protection) Act will not be repeated and the said resolution was submitted to vide letter dated 04/03/2015.

The Government of Maharashtra complied with above point no. ii. by initiating credible action on the violation by making MPCB file a RCC No. 587/2016 against Adlers Bioenergy Ltd. and have intimated to the same vide their letter No. ENV-2015/legal/CR-3 dated 23/02/2017

PP submitted that since they have complied with all the points directed by the Additional Director, (Industry-2)-IA Division, Ministry of Environment, Forest & Climate Change, (MoEFCC) Government of India and informed office before issuance of the Notification dated 14th March 2017 issued by the Ministry of Environment, Forest and Climate Change, New Delhi, they are eligible to get the Environment clearance.

EAC (violation) deliberated on the information submitted by the PP and opined that since the project was laterally transferred to the violation sector by the Industry sector after having aware of the above facts. EAC therefore recommend that the Project proponent should appear before the EAC (violation) in the next meeting with following details for further consideration:

- i. Certified year wise production details since inception of the company.
- ii. Details of statutory clearance obtained for 25 KLPD.
- iii. Date of court case filed under section 19 alongwith the status.

Observations and recommendations of EAC in its 45th meeting held during 08th – 09th March, 2021 (present meeting)

Project Proponent made the detailed presentation and apprised EAC about the project, chronologically. During the presentation, PP informed that unit is in shut down condition since long duration. They have already accepted violation and done cure in year 2015. Start of company operations will bring opportunities in Marathwada region. Company will assist in Ethanol Blending Programme. Project will bring prosperity to farmers.

PP in view of the above submission, requested to grant Environmental Clearance as per the recommendation of the sectoral Expert Appraisal Committee.

EAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and **recommended** for issuing Standard Term of Reference along with the following specific Term of Reference for undertaking EIA and preparation of Environment Management Plan (EMP):

- i. Detailed status of Court case filed by the SPCB against the PP under the Environment (Protection) Act, 1986 for violation of EIA Notification 2006, shall be submitted
- ii. The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- iii. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
- iv. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- v. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants
- vi. One season fresh base line data shall be collected for preparation of EIA/EMP reports.
- vii. The PP has conducted Public Hearing on 23th November, 2012 for the same capacity and area, therefore, one-time public hearing as per the Order of Hon'ble High Court of Madras has been taken care therefore repeat public hearing is not required in the instant case. However, PP should also address all the issues raised during the already held public hearing along with commitments made and with fund provision to address above issues in tabular form to be submitted along with EIA/EMP report.
- viii. Certified production details shall be submitted since inception of the industry.
- ix. A plan for implementation of ZLD to be submitted.

- x. Layout plan earmarking space for development of peripheral green belt.
- xi. Transportation details to be submitted in the EIA/MEP report.
- xii. Latest certified compliance report from the regional office of MoEFCC shall be submitted.
- xiii. Details of any Court Case pending against the project proponent.

45.3.11. Alangulam Lime Stone Mine, G.O. No. 427 (M.L. Area 268.80 Ha) in Virudhnagar district, Tamilnadu by M/s Tamilnadu Cements Corporation - Further consideration for Terms of Reference Proposal No. IA/TN/MIN/66122/2017 and File No. 23-21/2019-IA.III (V)

Project Proponent along with the consultant made the detailed presentation and *interalia* provided the following information:

1- Project description:

The Proposal of M/s Tamilnadu Cement Corporation Ltd. is for Mining of Limestone from Alangulam Limestone Mines (G.O. No. 427 dated 19.03.1980) for total excavation 233679Tonne [Limestone-120000 tonnes + total waste-113679 tonnes] from mining lease area 268.80.0 Ha located at Alangulam, Lakhmipuram, Pernaickenpatti, Duraisamipuram, Edirkottai and Narnapuram Villages of Sivakasi Taluk, Virudhunagar District, Tamilnadu State by M/s Tamilnadu Cement Corporation Ltd. (a Govt. of Tamilnadu Enterprise). The mining lease is located on Survey of India Topo-sheet no. 58 G/11 & 58 G/15. The mines covered under this project comprise of 4 non-contiguous areas.

2. Category of the Project (Refer cluster certificate if applicable):

The said project/activity is covered under category A of item 1 (a) of the Schedule to the EIA Notification, 2006 as amended, and requires prior EC from the MoEF&CC based on the appraisal by Expert Appraisal Committee.

3. Violation Details & Sectorial EAC Comments:

The mines were operated without environmental clearance under provisions of EIA Notification 1994 and 2006. M/s Tamil Nadu Cements Corporation Ltd. had applied for grant of EC for the project, and the ToR presentation was made before the EAC (Non-Coal Mining) during 16th April, 2019. The committee decided that as the mines were operated without EC, it is a case of violation and should be considered under provisions of violation.

4. Application (Form-1 & PFR):

Fresh application, Form-1 and PFR, was made online vide proposal no. IA/TN/MIN/66122/2017 on 12.07.2017 under violation category for Term of References (ToR) under provision of the Ministry's Notification S.O 804 (E).

5. Details of Minerals:

The mineral to be extracted is cement grade Limestone, which is a Major Mineral.

6. Letter of Intent (LOI)/Mining Lease Details:

Letter Mining lease granted vide G.O. No. 427 dated 19.03.1980 for lease area of 268.80.0 hectares spread over Villages Alangulam, Pernaickenpatti, Duraisamipuram, Edirkottai, Narnapuram, Lakshmipuram, Tehsil Virudhunagar, District Virudhunagar, State- Tamilnadu, for a period of 20 years. The area under the lease is non-contiguous and comprises of 4 blocks. The lease deed was executed for 20 years w.e.f. 09.03.1981.

Application for renewal of lease was submitted and the same is pending with the Government. As per amendment of MMDR 1957, the lease applied for renewal are extended and deemed to have been extended up to a period ending 31st March, 2030.

7. Method of Mining & Mining Plan Details:

The Mining Plan was approved by IBM/DMG vide letter No. TN/VRD/MP/LST-1290-SZ dated 29.03.2001. The latest Scheme of Mining for the scheme period 2014-15 to 2018-19 was approved vide letter No. TN/VRD/LST/MS/1269-MDS dated 16.11.2015.

The present Review of Mining Plan is prepared for the next five year period from 1st Dec., 2019 to 31st March 2024.

The method of mining is opencast fully mechanized utilizing Heavy Earth Moving Equipment (HEME) and drilling and blasting. The broad method can be stated as deep hole drilling and blasting using wagon drill holes at a depth of 10 m and a height of the bench will be 9 meter and then ore and topsoil handling by backhoe hydraulic excavators of 0.9m³ bucket capacity and 25 ton capacity tarus tippers will be used for transport of ore and waste minerals for blasting slurry explosives and ANFO mixtures will be used.

| Bench Parameter | |
|-------------------------------|-----------------------------------|
| Bench height | 9 metres |
| Bench Width | More than the height of the bench |
| Bench slop | 80° from the Vertical |
| No. of working Days in a Yr | 300 days |
| No. of shift per days | One shift |
| width of Each Bench (Minimum) | 6m & 9m |
| No. of working days per month | 25 days |

Drilling & Blasting:

For drilling, pneumatically operated wagon drills is used in combination with the diesel operated compressors. The diameter of drill hole is 110mm. Wagon drills of Ingersoll make is used for primary drilling, the depth of the holes are 9.0 m to 9.5 m. For secondary drilling 33 mm dia jack hammers are used and portable diesel air compressor of 465 cfm capacity of Kirlosker make are utilized for wagon drilling and secondary drilling. Deep whole blasting is carried with slurry explosives with electric delay detonators and detonating fuse. Slurry type of explosives with ANFO will be used for blasting. The spacing and burden will be 3.5m and 3.0 and the depth of the hole will be 6m. The hole is drilled to a depth of 6.5m, giving 10 % sub grade drilling to avoid toe formation. The blasting will be restricted to three to four rows of drilling with each row consisting of 10-12 holes. The holes are drilled either in a staggered pattern or square pattern.

Ultimate pit limit

The ultimate proposed pit limit is 40 meters below ground level. As the ground water in the area occurs at 20-30 meters below ground level, the mining will intercept ground water table.

Drilling and blasting parameter are as follows:

| | |
|-------------------------|--------------------------------------|
| Depth of each hole | 10 m |
| Diameter of hole | 110 mm |
| Spacing between holes | 3.0m |
| Burden for holes | 3.0m |
| Pattern of hole | Staggered pattern or square pattern. |
| Inclination of holes | 80° to the vertical |
| Use of delay detonators | 23ms delays |
| Detonating fuse | cord |
| Hole pattern | V pattern |

Blasting:

In a single blast 30 to 40 holes will be blasted by using millisecond delay detonators and the holes are fired by means of series connection using “V” pattern initiation.

| | |
|--------------------------|-------------|
| Yield | -1000 Tons |
| Powder factor | -2.5 |
| Total explosive required | - 200 Kg |
| @20 % Booster | -40 Kg Kg |
| 80 % Slurry | - 160 Kg At |
| Charges/ hole | - 25 Kg |
| a delay time | - 3 Charge |
| Per delay | - 150 kg |

Types of explosives to be used

Two types of explosives are used. They are

- (i) Slurry explosives - Booster Charge, Column Charge
- (ii) Ammonium Nitrate mixed with Fuel Oil.

Power factor in ore and overburden/waste rock

Five tons per kilogram of explosives have been derived based on the past experience, which is highly suitable for the nature of the deposit and type of crusher used in our plant.

Whether secondary blasting is needed? If so, describe in brief

Yes, secondary blasting will be done. Jack hammer will be used to break the huge boulders generated due to primary blasting.

Storage of Explosives (Capacity and type of magazine): M/s Tamilnadu Cements Corporation Limited has obtained Explosives License to store explosives. The details of explosives magazine licenses are given below:

| License No. & validity | Type of explosives | Class | Division | Quantity |
|--|------------------------------|-------|----------|-------------|
| E/HQ/TN22/3 (E88) Valid up to 31.03.2020 *applied for renewal | Nitrate mixture | 2 | 0 | 8400 kg |
| | Safety fuse | 6 | 1 | 16000 m. |
| | Detonating fuse | 6 | 2 | 35000 m |
| | Nitrate mixture | 2 | 0 | 2000 kg |
| E/SC/TN/22/424 (E32184) Valid up to 31.03.2020 | Safety fuse | 6 | 1 | 12000 m. |
| | Detonating fuse | 6 | 2 | 305 m |
| | Electric/ordinary detonators | 6 | 3 | 13000 Nos. |
| E/HQ/TN/22/10 (E102) Valid up to 31.03.2020 | Detonators | 6 | 3 | 200000 Nos. |
| E/HQ/TN/22/24 (E146) Valid up to 31.03.2020 | Nitrate mixture | 2 | 0 | 9000 kg |
| E/SC/TN/25/28 (E19702) Exp. Van-TCM 3618 Valid up to 31.03.2020 | | | | 9464 kg |

8. Other Waste Generation, if any:

A solid waste like overburden etc is generated and is stacked separately in dump yard. Total **491591 Tons** waste will be generated during Plan period.

9. Land Use (Forest/Agricultural/Waste):


Mining lease area does not include any forest area. Part of the land under the lease is already under pits. The initial land use of the lease area is waste land, agricultural land and dry land.

10. Details of past production since inception of mine authenticated by DMG:Details of past production of mine since its inception duly authenticated by Department of Mines & Geology, State Government.

| Year | G.O.215 | G.O.427 | G.O.871 |
|---------|------------|------------|------------|
| 1967-68 | -- | -- | 38451.760 |
| 1968-69 | -- | -- | 147502.330 |
| 1969-70 | -- | -- | 137418.540 |
| 1970-71 | -- | -- | 93386.680 |
| 1971-72 | -- | -- | 190552.860 |
| 1972-73 | -- | -- | 406990.850 |
| 1973-74 | 16075.920 | -- | 397225.290 |
| 1974-75 | 2521.63 | 19145.440 | 280855.910 |
| 1975-76 | 198719.540 | 267961.750 | 142422.260 |
| 1976-77 | 428946.650 | 134867.760 | 5444.990 |
| 1977-78 | 370458.760 | 88764.860 | 7036.160 |
| 1978-79 | 536839.440 | 15472.570 | -- |
| 1979-80 | 425817.310 | 21326.550 | -- |
| 1980-81 | 463639.680 | 6615.480 | 12976.510 |
| 1981-82 | 443936.870 | 20742.990 | -- |
| 1982-83 | 394489.090 | 10209.770 | -- |
| 1983-84 | 368968.480 | 3303.050 | -- |
| 1984-85 | 348642.340 | 53683.060 | 23111.780 |
| 1985-86 | 443347.650 | 40113.800 | 27328.040 |
| 1986-87 | 492680.010 | -- | -- |
| 1987-88 | 383683.300 | 60.180 | -- |
| 1988-89 | 426502.680 | 2563.000 | -- |
| 1989-90 | 356036.650 | 33543.200 | -- |
| 1990-91 | 294421.174 | 20369.290 | -- |
| 1991-92 | 314712.500 | -- | -- |
| 1992-93 | 298956.780 | 479.200 | -- |
| 1993-94 | 256052.980 | 64299.320 | 46529.820 |
| 1994-95 | 266275.600 | 101780.000 | 2041.980 |
| 1995-96 | 262661.000 | 2485.000 | -- |
| 1996-97 | 374210.000 | 10440.000 | -- |
| 1997-98 | 156982.000 | -- | -- |
| 1998-99 | 155094.000 | -- | 110021.110 |

Annexure II
Production details for the G.O.215, 427 and 871 since 1992 to 2018

| Year | G.O.215 | G.O.427 | G.O.871 |
|-----------|------------|------------|-----------|
| 1999-2000 | 7947.750 | 53802.180 | 86775.390 |
| 2000-01 | 151084.470 | 38500.000 | 4883.800 |
| 2001-02 | 45989.700 | 111939.270 | 2500.000 |
| 2002-03 | 47500.130 | 110198.030 | 1671.050 |
| 2003-04 | 164475.530 | 42976.750 | 7499.990 |
| 2004-05 | 84949.330 | 84816.960 | 7888.950 |
| 2005-06 | 90396.090 | 97698.790 | 4348.330 |
| 2006-07 | 76048.940 | 82533.770 | 4750.690 |
| 2007-08 | 50392.620 | 52013.500 | 4141.070 |
| 2008-09 | 54469.350 | 49897.470 | 5559.830 |
| 2009-10 | 59888.010 | 35941.540 | 2972.980 |
| 2010-11 | 60132.720 | 72619.140 | 2967.720 |
| 2011-12 | 41617.180 | 37784.780 | 4477.330 |
| 2012-13 | 33682.000 | 41961.000 | 2994.000 |
| 2013-14 | 48165.160 | 42946.120 | -- |
| 2014-15 | 30568.400 | 22159.230 | -- |
| 2015-16 | 125810.510 | 42960.520 | -- |
| 2016-17 | 60989.610 | 62288.590 | 37370.450 |
| 2017-18 | -- | -- | -- |


Deputy Director,
Geology and Mining,
Virudhunagar.

S. R.

11. Applicability of General Condition & Status of SEIAA:

There is no forest, Wildlife Sanctuaries or Habitats for any Specific Wildlife within 10 km radius of the ML Area.

12. Aravalli/Doon Valley/ Western Ghats/Eco-Sensitive area:

There is no Aravalli/Doon Valley/ Western Ghats/Eco-Sensitive area within 10 km radius of the ML Area.

13. Project Cost & Employment:

Total project cost is 23.31 Crores. Total Manpower required for the project is 39 persons. Out of these, 10 persons are full time employees of the company, and remaining 19 persons on contract. The contract employees include drillers, blaster, machine operators and drivers.

The additional contractual man power required for handling of reject and limestone apart from departmental manpower. i.e. Tarus Drivers: 10 Nos (Skilled) and Spotters & Helpers: 05 Nos (Un Skilled)

14. Affidavit for SC Order 02.08.2017

Affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Is attached as **Annexure-A**.

15. Status of DSR, in case of minor mineral:N/A

Observations and recommendations of committee of 21st EAC meeting held on 15th-16th April, 2019:

PP along with consultant made the presentation on the project. EAC observed that the mines were operated without environmental clearance under provisions of EIA Notification 1994 and 2006, hence violation of EIA Notifications. EAC further observed that PP is not holding the valid mining lease deed on date and further as per the KML file mine lease is discontinuous and separated in four blocks. Therefore, considering valid mine lease document as the mandatory requirement for appraisal for the grant of ToR, EAC deferred the project for want of following information:

1. Submission of LOI
2. Distance between all the mine blocks with each block area details.
3. Sequence of mining and mine closing plan details to be submitted
4. Geological, minable reserves for each block is to be submitted.
5. Justification for undisturbed area (73.08 Ha).

Observations and recommendations of EAC in its 45th meeting held during 08th – 09th March, 2021 (present meeting)

After detailed presentation by the PP, EAC observed that PP has gone for enhanced production beyond 1993-94 base year production level without taking prior EC hence violated the provision of the EIA notification under E (P) Act. EAC further noted PP has submitted the letter dated 12.07.2018 of Department of Mines and Geology wherein it was informed that lease for extension till 31.03.2030 is under consideration under MMDR Act 2015. EAC deliberated on other additional information sought in the earlier meeting. The EAC, after detailed deliberations on the information presented by the PP, **recommended** for issuing Standard Term of Reference along with the following specific Term of Reference for undertaking EIA and preparation of Environmental Management Plan (EMP):

- i. The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate to be issued till the project is granted EC.

- ii.** The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- iii.** Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
- iv.** Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- v.** The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
- vi.** The PP is required to conduct public hearing as per EIA notification, 2006.
- vii.** One season base line data is to be collected and reported in the EIA/EMP report.
- viii.** Mine plan approved by Indian Bureau of Mines to be submitted.
- ix.** The PP should also address the all the issues raised during public hearing along with commitments made and with fund provision to address above issues in tabular form to be submitted along with EIA/EMP report.
- x.** Detailed hydrological study to be carried out in core and buffer zone of the project as per GEC 2015 guidelines.
- xi.** In case of violation of undertaking, the ToR/Environmental Clearance shall be liable to be terminated forthwith.
- xii.** Budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage shall be completed within three years and to be prepared accordingly.
- xiii.** The Action Plan on the compliance of the recommendations of the CAG as per Ministry's Circular No. J-11013/71/2016-IA. I (M), dated 25.10.2017 needs to be submitted at the time of appraisal of the project and included in the EIA/EMP Report.

45.3.12. Development of Industrial Estate at Growth Centre, Bawal, District Rewari, Haryana by M/s Haryana State Industrial & Development Corporation - Further consideration for Terms of Reference Proposal No. IA/HR/NCP/1536/2012 and File No. 21-57/2012-IA.III

Project Proponent along with the consultant made the detailed presentation and interalia provided the following information:

- M/s Haryana State Industrial & Infrastructure Development Corporation Ltd. (HSIIDC) aims to develop an Industrial Model Township (IMT) Phase-II, III & IV at Bawal, Rewari, Haryana on a land measuring 868.568 ha.
- As per the schedule under the EIA Notification, 2006 and its amendments, the project is categorized as 7(c) project and General condition is applicable as Haryana-Rajasthan interstate boundary is at 3.0 km in East direction.
- HSIIDC has invested huge amount on the land acquisition and the same has to be recovered by allotment of Industrial Plots and further HSIIDC has to ensure that the infrastructure must be developed before the allotment of the Industrial plots.
- Accordingly, PP has moved parallelly with the MoEF&CC for obtaining EIA Clearance as well as development of infrastructures.
- Phase -I of IMT was already developed in 1992 before EIA Notification 1994, at that time EC was not applicable.
- Out of 868.568 ha (Phase-II, III & IV), the area 598.42 ha is already developed and 270.14 ha is to be developed after getting Environment Clearance.

| Area | Already Developed Area (ha) | To be developed Area (ha) | Total (ha) |
|---|------------------------------------|----------------------------------|-------------------|
| Area under Phase-II | 348.13 | 62.66 | 410.79 |
| Area under Phase-III | 120.01 | 62.77 | 182.78 |
| Area under Phase-IV | 130.28 | 144.71 | 274.99 |
| Total Area Phase-II, II & III, Bawal | 598.42 | 270.14 | 868.568 |

Phase wise components with area is given below :

Phase-II

| Sr. No. | Description of Land Use (Phase-II) | Total Area (Ha) | Area Developed area (Ha) | Area To be developed (Ha) |
|---------|---|-----------------|--------------------------|---------------------------|
| 1 | Area under Industrial Plots | 304.65 | 253.41 | 51.24 |
| 2 | Area Reserved for Commercial use | 15.32 | 15.32 | 0.00 |
| 3 | Area for Institutional use | 0.81 | 0.00 | 0.81 |
| 4 | Area under ESI Dispensary | 0.56 | 0.00 | 0.56 |
| 5 | Area Reserved for Housing Board | 3.32 | 0.00 | 3.32 |
| 6 | Area under water works | 0.81 | 0.81 | 0.00 |
| 7 | Area under Sub-station | 1.46 | 1.46 | 0.00 |
| 8 | Area Reserved for R&R Residential Plots | 0.57 | 0.00 | 0.57 |
| 9 | Area under Labor Welfare Centre | 0.45 | 0.00 | 0.45 |
| 10 | Area under Bus Stand | 0.92 | 0.92 | 0.00 |
| 11 | Area under High School | 0.24 | 0.00 | 0.24 |
| 12 | Area under Fire Station | 0.84 | 0.84 | 0.00 |
| 13 | Area under Cremation Ground | 0.34 | 0.00 | 0.34 |
| 14 | Area under Utility | 3.17 | 3.17 | 0.00 |
| 15 | Area under Green belts | 45.91 | 41.32 | 4.59 |
| 16 | Area under roads | 29.81 | 29.68 | 0.13 |
| 17 | Area under Parking | 1.60 | 1.2 | 0.40 |
| | Total | 410.79 | 348.13 | 62.66 |

Phase-III

| Sr. No. | Description of Land Use (Phase-III) | Total Area (In Ha) | Area Developed area (In Ha) | Area To be developed (In Ha) |
|---------|---|--------------------|-----------------------------|------------------------------|
| 1 | Area under Industrial Plots | 79.56 | 47.41 | 32.15 |
| 2 | Area under Residential Plots | 10.91 | 10.91 | 0.00 |
| 3 | Area reserved for Commercial use | 5.43 | 0.00 | 5.43 |
| 4 | Area reserved for Institutional use | 2.87 | 0.00 | 2.87 |
| 5 | Area under Multi Specialty Hospital/ESI | 2.67 | 0.00 | 2.67 |
| 6 | Area under Fuel Filling Cum Service Station | 0.91 | 0.91 | 0.00 |
| 7 | Area under School/Creche | 1.33 | 0.00 | 1.33 |
| 8 | Area under Informal Sector | 0.25 | 0.00 | 0.25 |
| 9 | Area Reserved for Police Post | 0.22 | 0.00 | 0.22 |

| | | | | |
|----|---------------------------------------|---------------|---------------|--------------|
| 10 | Area reserved for Religious Buildings | 0.36 | 0.00 | 0.36 |
| 11 | Area under Garbage Collection Centre | 0.06 | 0.06 | 0.00 |
| 12 | Area under Public Utility | 0.06 | 0.00 | 0.06 |
| 13 | Area under Water Works | 1.62 | 1.62 | 0.00 |
| 14 | Area under Green Belts | 53.52 | 38.57 | 14.95 |
| 15 | Area under Roads | 20.81 | 20.53 | 0.28 |
| 16 | Area under Parking | 2.20 | 0.00 | 2.20 |
| | Total | 182.78 | 120.01 | 62.77 |

Phase-IV

| Sr. No. | Description of Land Use (Phase-IV) | Total Area (In Ha) | Area Developed area (In Ha) | Area To be developed (In Ha) |
|---------|---|--------------------|-----------------------------|------------------------------|
| 1 | Area to be planned later | 4.82 | 0 | 4.82 |
| 2 | Area under Industrial Plots | 87.29 | 12.70 | 74.59 |
| 3 | Area Reserved for R&R Residential Plots | 10.31 | 10.31 | 0.00 |
| 4 | Area reserved for commercial use | 4.97 | 0.00 | 4.97 |
| 5 | Area reserved for Go down sites | 3.30 | 0.00 | 3.30 |
| 6 | Area Reserved for CNG Filling Cum Service Station | 0.81 | 0.81 | 0.00 |
| 7 | Area reserved for Institutional use | 3.04 | 0.00 | 3.04 |
| 8 | Area under Utility | 33.44 | 0.00 | 33.44 |
| 9 | Area under CETP | 6.53 | 6.53 | 0.00 |
| 10 | Area under Water Works | 1.25 | 1.25 | 0.00 |
| 11 | Area under Religious Site | 0.24 | 0.00 | 0.24 |
| 12 | Area under Sub-station | 5.44 | 5.44 | 0.00 |
| 13 | Area reserved for Primary School | 0.62 | 0.00 | 0.62 |
| 14 | Area under Public Building | 1.85 | 0.00 | 1.85 |
| 15 | Area under Cremation Ground | 1.54 | 0.00 | 1.54 |
| 16 | Area under ESIC Dispensary | 0.15 | 0.00 | 0.15 |
| 17 | Area under Fuel Filling Cum Service Station | 1.02 | 0.00 | 1.02 |
| 18 | Area under Green Belts | 83.45 | 75.11 | 8.35 |
| 19 | Area under Roads | 22.77 | 17.10 | 5.67 |
| 20 | Area under Parking | 2.16 | 1.03 | 1.13 |
| | Total | 274.99 | 130.28 | 144.71 |

- Application for TOR was submitted to MoEF&CC-14/08/2012.
- ToR was issued by MoEF&CC vide letter no. F.No. 21-57/2012-IA.III-07/05/2013.
- Baseline Environmental Study has already been carried out-Oct.-Dec., 2013.

- Public Hearing was held on 12/06/2015.
- Final EIA was submitted to MoEF&CC and project was considered by EAC in its 149th meeting and certain queries were raised-29/06/2015.
- The case was de-listed from the website of MoEF&CC on 20/07/2017 due to noncompliance of the informations.
- The informations were compiled and PP requested for re-listing of the project.
- The project was relisted on 13/02/2019.
- Reply of ADS was submitted with request for relisting of the project on 20/06/2019.
- 220th meeting of EAC was held on 26/07/2019, wherein the EAC had identified the violation and recommended the case to EAC (Violation) for further appraisal.
- The 28th EAC (Violation) has considered the case under violation category in its meeting held on 25/11/2019 and raised ADS.
- Online portal for violation projects was closed so hard copy of proposal with reply submitted to EAC (Violation) on 31/12/2020.

Observations and recommendations of committee of 28thEAC meeting held on 25th- 26th November, 2019:

Project proponent alongwith the consultant made the detailed presentation on the project before the EAC. EAC noted that major portion of the proposed project site had been developed with infrastructure without obtaining prior EC. PP has approx. 733.51 acres area of Industrial Estate is under violation out of total project area of 2146.28 acres. EAC after detailed deliberation deferred the proposal for want of following information:

1. Form1 having violation details and PFR shall be submitted.
2. Project layout should be submitted demarcating 151 acres and 582.51 acres area developed without prior EC out of 2146.28 acres.
3. Coordinator has to visit the site and submit the photograph to the EAC.
4. Details of CETP with layout plan and capacity.
5. Details of all the project components constructed shall be submitted.
6. Pre and post land use details of the total project area.
7. Details of categories of Industries already established with status of environmental clearance and proposed industries to be established.
8. Details of CFE and CFO granted to industries already established.
9. Details of compliances of the ADS of earlier sectoral EAC meetings.
10. Kml file to be submitted.
11. Plan showing details of plantation (Greenbelt Development with area and plant species to be used) done already developed and to be developed.
12. Sr. Officials of HSIDC shall attend the meeting who are authorized to take decisions.
13. Details of Odor monitoring studies and mitigation measures.
14. Water permission details ground and surface.
15. Justification and breakup of water demand i.e 58.31 MLD along with waste water generation details.

16. Details of hazardous and non-hazardous waste.

Observations and recommendations of EAC in its 45th meeting held during 08th – 09th March, 2021 (present meeting)

Project Proponent made the detailed presentation before the EAC on the additional information sought in the earlier meeting. EAC deliberated on the information and sought following information from the PP:

- Details of all the project components constructed shall be submitted.
- Pre and post land use details of the total project area.
- Details of categories of Industries already established with status of Environment Clearance/CTE/CTO and proposed industries to be established.
- Status of EC/CTE/CTO in the :
- Plan showing details of plantation (Green belt Development with area and plant species to be used) done already developed and to be developed.
- Justification and break of water demand i.e. 58.31 MLD along with waste water generation details.
- Details of Hazardous and non-hazardous waste.

EAC advised PP to submit the above information to the committee members by email within three days. As suggested by the committee, PP submitted the reply to the queries on 11/03/2021 to the committee members.

EAC deliberated on the information submitted and observed the following:

(i) The total area of the site is 868.568 ha. to be developed in phase-II, III & IV. Phase –I was already developed in 1992 before EIA Notification 1994, at that time EC was not applicable. Out of this, the area 598.42 ha is already developed and 270.14 ha. is to be developed after getting Environment Clearance.

(ii) The CTE/CTO/EC status of 353 existing industries is as follows:

Status of EC:EC Applicable: 2nos., out of which 1 Industry is not established yet. EC not Applicable: 351 nos.

Status of CTE/CTO:CTE/CTO Obtained: 330 nos.CTE/CTO to be Obtained: 23 nos.

Category of the projects as per CPCB:Red Category :56 nos.Orange Category: 135 nos.Green Category: 162 nos.

EAC, after detailed deliberations on the information submitted including ADS reply, confirmed the case to be of violation of the EIA Notification, 2006 and recommended for issuing Standard

Term of Reference along with the following specific Term of Reference for undertaking EIA and preparation of Environment Management Plan (EMP):

- i. The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate to be issued till the project is granted EC.
- i. The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- ii. Assessment of ecological damage with respect to air, water, land and other environmental attributes of all the units already in existence during their construction and as well as during operation. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
- iii. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- iv. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants
- v. One season fresh base line data shall be collected for preparation of EIA/EMP reports.
- vi. The PP has conducted Public Hearing on 12/06/2015 for the same area and therefore, one-time public hearing as per the Order of Hon'ble High Court of Madras has been taken care therefore repeat public hearing is not required in the instant case. However, PP should also address the all the issues raised during the already held public hearing along with commitments made with fund provision to address above issues in tabular form to be submitted along with EIA/EMP report.
- vii. Layout plan earmarking space for development of peripheral green belt.
- viii. Transportation details and their impact on road network to be submitted in the EIA/MEP report.

45.3.13. Gandlapally Limestone Mine of M/s Seetharam Cements Limited for production of 2.25 MTPA (M.L. Area 429.07 Ha), located at Survey. No. 58 to 74, 81 to 85 & 88 to 101, Village Gandlapally, Mandal Kodangal, District Mahabubnagar, Telangana - Further consideration for Terms of Reference Proposal No. IA/TG/MIN/74487/2018 and File No. 23-276/2018-IA.III (V)

Project Proponent made the detailed presentation and informed following to the EAC:

1. Project description

The Proposal of M/s Seetharam Cements Limited (SCL) is for Mining of limestone from Gandlapally Limestone Mine for Total Excavation 2.25 Million Tonne per annum (MTPA)/ / Tonne per annum (TPA) [including 2.25 million tons of (limestone mineral),.] from mining lease area 173.64 Ha. located at Gandlapally Village, Kodangal Mandal, MahabubnagarMahabubnagar (Now Vikarabad), Telangana State by M/s SCL.

2. Project Background

The proposal of M/s Seetharam Cements Limited (SCL) is for production of 2.25 Million Tonne per annum (MTPA)/ Tonne per annum (TPA) of limestone from Gandlapally Limestone Mine (ML Area 173.64 Ha, located at Survey No. 58 -74, 81-85 & 88 -101, at Gandlapally Village, KodangalMandal, MahabubnagarMahabubnagar (Now Vikarabad), Telangana State. The mining lease is located on Survey of India Topo-sheet no.56 G/12 & 56 G /8. The area is bounded between the coordinates Latitude 170 4' 32.73" - 170 4' 50.35" North and Longitude 77⁰ 30' 15.88"- 77⁰ 30' 58.92" East.

3. Category of the Project (Refer cluster certificate if applicable)

The said project/activity is covered under category A of item 1a of the Schedule to the EIA Notification, 2006 as amended, and requires prior EC from the MoEF&CC/SEIAA based on the appraisal by Expert Appraisal Committee or the State Expert Appraisal Committee in different

4. Violation Details & Sectorial EAC/SEAC Comments:

No Violation and None

4. Application (Form-1 & PFR)

5.

Fresh application was made online vide proposal no. IA/TG/MIN/74487/2018 dated 13.04.2018 under **violation category** for Term of References (ToR) in terms of provision of the Ministry's Notification S.O 804 (E) and submitted Form-1 and PFR. The proposed project activity is covered under 'Schedule 1a of EIA Notification, 2006 and is a category 'A'

6. Details of Minerals:

Number of minerals. Whether mineral is major or minor. Status of same mineral before 2006 (major or minor): Major Mineral

7. Letter of Intent (LoI)/Mining Lease Details:

There is no Valid LOI / Mining Lease with the company.

8. Method of Mining & Mining Plan Details:

Mining plan is withdrawn by IBM

9. Other Waste Generation, if any:

None

10. Land Use (Forest/Agricultural/Waste):

No Forest Land is involved

11. Details of past production since inception of mine authenticated by DMG

Not Applicable, as there is no Valid lease with the company.

12. Applicability of General Condition & Status of SEIAA:

Not Applicable

14. Project Cost & Employment:

The project is withdrawn

15. Affidavit for SC Order 2.08.2017:

Not Applicable, as there is no Valid lease with the company.

16. Status of DSR, in case of minor mineral

Not Applicable

Observations and recommendations of committee of 14th EAC meeting held on 22th - 24th October, 2018:

The EAC deferred the proposal as the project proponent did not attend the meeting.

Observations and recommendations of the EAC in the 43rd meeting held on 08th-09th February 2021.

Project proponent vide letter dated 04.02.2021 informed the Ministry that the State Government did not grant renewal/extension of the Mining lease. The Director of Mines and Geology & Indian Bureau of Mines, Hyderabad have also communicated that the mining lease was not in force and the question of extension of ML does not arise. Since SCL does not have valid Mining leases in hand as well as SCL also withdrew its proposal to setup the cement plant in view of the inadequate limestone resources available in the ML area, we are not keen to pursue the ToRs, hence request to close the subject matter submitted to the Ministry.

EAC deliberated on the above communication of the PP and opined that since the proposal was submitted under violation category by the project proponent itself therefore proposal should be examined by the EAC for the violation, if any. Accordingly, EAC recommend that the subject matter cannot be closed as of now. Project proponent should make a detailed presentation on the project proposal in the next EAC meeting for further consideration.

Observations and recommendations of EAC in its 45th meeting held during 08th – 09th March, 2021 (present meeting)

Project Proponent made the detailed presentation and apprised following to the EAC:

- ML was granted on 11-10-1985 for 20 years subject to submission of consents from all the 141 pattadars.
- Commissioned Cement Plant in 1987, located 100 km away from Gandlapally limestone mine. Moved the limestone waste (Quarry rejects/Tailings) from nearby quarry leases, with prior approval from the state Govt
- Company transported 12,900 tonnes of limestone waste (Quarry rejects/Tailings) from the old worked out quarries for building stone, which has been evidenced from the approved mine plan and after obtaining valid permits from the Mining Deptt. as permitted under MCR, abutting to the Gandlapalli mining lease area during 1994 to 2000 which were worked 20 years prior to 1985 while extracting limestone slabs which is the formation of flaggy limestone.
- As per BIFR order new management took over in 2012 to establish a Mega Cement Project of 1.65 MTPA Clinker for which 2.25 MTPA of Limestone is required.
- Applied to State Government for grant of 1st renewal of ML on 07-06-2012. State Government granted RML memo dated 17.10.2013, asked to get the consent of pattadars and comply other statutory conditions before expiry i.e., 21-4-2014. Pattadars did not give consent and ML got lapsed.
- IBM approved the Mining Plan on 07-03-2016 subject to lease extension of ML granted by the State Gover
- IBM certified in its approved mining plan that old pits of mineral were excavated prior to ML granted to M/s. SCL in the year 1985 and overburden limestone excavated and dumped by the side of the pits while quarrying flaggy stone were prior to the year 1985. ADMG clarified that no mining operations were carried out and certified that limestone waste to an extent of 12,900 MTs were utilized by SCL during the period 1994 to 2000. The DMG also confirmed the same. The IBM certified the same in approved mining plan dated 07.03.2016
- The lease was executed for 4.85 Ha only on 22/04/1994 for 20 years till 2014. State Government did not communicate the grant of extension of lease from 21.04.2014, the date of expiry of Mining lease.

- SCL withdrew its renewal of ML application on 26-12-2018.
- The Director of Mines & Geology vide its letter dated 22-08-2019 withdrew the lease from SCL with effect from 22-4-2014, deemed extension cannot be granted as the lease was not in force.
- IBM also cancelled the approval of Mining Plan on 30.08.2019 & 03.10.2019.
- Under a misconstrued notion/apprehension dispatch of Limestone Wastes (Limestone Slab Quarry Rejects / tailings) by the previous management could amount to illegal mining during the period 1994 - 1995 to 1999 - 2000 to extent of 12,900 MTs from the Quarry Leaseholders abutting the ML area, may attract violation, PP filed application under violation.

EAC in view of the above submission by the PP, observed that IBM has certified that mining operations were initially commenced way back in 1985 and since then there was no mining activity in the lease. IBM certified in its approved mining plan that old pits of mineral were excavated prior to ML granted to M/s. SCL in the year 1985 and overburden limestone excavated and dumped by the side of the pits while quarrying flaggy stone were prior to the year 1985. The Director of Mines & Geology vide its letter dated 22-08-2019 withdrew the lease from SCL with effect from 22-4-2014, deemed extension cannot be granted as the lease was not in force. IBM also cancelled the approval of Mining Plan on 30.08.2019 & 03.10.2019.

EAC further noted that, PP in view of the above, requested that further processing of ToR applications may kindly be dropped as SCL does not have any legal standing on the ML.

EAC deliberated on the PP submission and **recommended to withdraw the ToR application and close the file**, as PP had neither mining lease in force nor gone for mining activity instead transported 12,900 tonnes of limestone waste (Quarry rejects/Tailings) abutting to the Gandlapalli mining lease area during 1994 to 2000 which formed 20 years prior to 1985 while extracting limestone slabs which is the formation of flaggy limestone.

45.3.14. Extraction / Collection of Soapstone (Mining Lease Area 220.14 Ha) (Uneven Agricultural Land) at Village Kanda Sunargaon, Tehsil Kanda, District Bageshwar (Uttarakhand) by M/s SmtNandita Tiwari - Further consideration for Terms of Reference Proposal No. IA/UK/MIN/67199/2017 and File No. 23-177/2018-IA.III (V)

Project Proponent alongwith the consultant made the detailed presentation and informed following to the EAC:

1. Project description

The Proposal of M/s (Nandita Tiwari) is for Mining of Soap stone from Village Kanda Sunargaon Mine for Total Excavation 106679.0 Tonne per annum (TPA) [including 52332.0 million tons of (Soap stone), Waste, O.B, Inter Burden (49437.0) , Top Soil (2153.0) etc.] from mining lease area (220.14 Ha) located at Villages Kanda-Sunargaon, Tehsil Kanda,

District Bageshwar State Uttarakhand by M/s Nandita Tiwari W/o Late Shri J.C Tiwari R/o Village TirupatiMalliBamori, Teshil-Haldwani, District Nainital, Uttarakhand. The mining lease is located on Survey of India Topo-sheet no. 53 O/13. The area is bounded between the coordinates Latitude 29°49'38.10"N to 29°49'27.08"N and Longitude 79°53'44.73"E to 79°53'53.87"E.

2. Category of the Project (Refer cluster certificate if applicable)

The said project/activity is covered under category "A" of item 1(a) Mining of Minerals of the Schedule to the EIA Notification, 2006 as amended, and requires EC from the MoEF&CC based on the appraisal by Expert Appraisal Committee.

3. Violation Details & Sectorial EAC/SEAC Comments:

- Mining at site start in the year 1972 before the said legislation due to new legislation Environmental clearance is mandatory.
- Mining at site started in the year 1972 before the said legislation. Due to new legislation Environmental Clearance is mandatory.

4. Application (Form-1 & PFR)

Fresh application was made online vide proposal no. IA/UK/MIN/67199/2017 dated 05 Aug 2017 under **violation category** for Term of References (ToR) in terms of provision of the Ministry's Notification S.O 804 (E) and submitted Form-1 and PFR . The proposed project activity is covered under 'Schedule 1(a) Mining of Minerals of EIA Notification, 2006 and is a category 'A'

5. Details of Minerals:

Soapstone Minerals under Minor Mineral.

Total Recoverable Quantity of Soapstone –52,332 Tonnes/Annum ML (As per Approved Mining Scheme)

6. Letter of Intent (LoI)/Mining Lease Details:

The Propose Lease was granted to Smt. Nandita Tiwari for Soap stone mineral in the year 1972 for a period of 20 years and renewal for another 10 years from 16-05-1992 to 15.05.2002. Renewal applied for a period of 20 Years on 7.06.2001. State Government has given their consent to continue the mining operation till further order vide letter no 2186(1)/SAAT/2004-248KHA/2002 dated 11.10.2004.

KhanizPariharNiyamavali, 1960, Rule 24 (A) 6, Government allowed to continue mining till renewal & letter No. 2186 (1) /7/2004-248 Kha/2002 dated 11th October 2004 regarding the same.

- Initial Lease deed execution on 16.05.1972 for 544 Acres (220.14 Hectares) and Expiry of the terms of the mining lease on 15.05.1992.
- Renew the mining lease with effect from 16.05.1992.

7. Method of Mining & Mining Plan Details:

- The Mining Plan was approved by IBM/DMG vide LR No. 614(2)/MS-B-13/96-DDN dated 13/9/2012. As per which the method of mining shall be opencast mining with using Excavator etc.
- The Mining is opencast mining with using Excavator.
- Details of drilling & blasting, bench height and width, ultimate pit limited, ultimate pit slope, intersection of ground water table if any,
Drilling Blasting is not involved
Bench Height- 1.5 mtr.
Bench width- 2.0 mtr
Ultimate pit Limit- 7.5 m strip along lease boundary.
Ultimate pit Slope-70°
- The spread & height of soil stack & interburden dump during SOM is as below:

| Year | Pit No. | Soil Stack | Interburden | | | |
|---------|---------|---------------------|-------------|-------|--------|-------|
| | | LxWxH | Length | Width | Height | Slope |
| 2012-13 | I | 20 m X 14.5 m X 3 m | 50 | 22.5 | 6 | 37° |
| | II | 25 m X 25 m X 3 m | 40 | 42 | 4.5 | 37° |
| | III | 30 m X 25 m X 3 m | 40 | 27 | 6.0 | 37° |
| 2013-14 | III | 24 m X 15 m X 3 m | 40 | 40 | 6 | 37° |
| 2014-15 | | Nil | Nil | | | |
| 2015-16 | | Nil | Nil | | | |
| 2016-17 | | Nil | Nil | | | |

Soil & interburden dump as on date, at the end of SOM period & at the end of conceptual period is below:

| | Soil + Interburden | Dump area (Ha.) | |
|--|--------------------|-----------------|-------------|
| | | Soil | Interburden |
| | | | |

| | | | |
|---------------------------------|---------|-------|-------|
| As on date | N.A. | - | 0.821 |
| At the end of SOM period | 169400 | 0.202 | 0.548 |
| At the end of conceptual period | 2254567 | Nil | Nil |

- The land use at present, at the end of SOM period & at the end of conceptual period is as below:

A. Mining Area:

| S.No. | Head | At present (Ha.) | At the end of SOM period | At the end of conceptual period |
|-------|---|------------------|--------------------------|---------------------------------|
| A) | Total area excavated (broken) | 2.845 | 3.165 | 180.0 |
| B) | Area fully mined out | 1.634 | 1.716 | 180.0 |
| C) | Area fully rehabilitated by pisciculture | Nil | Nil | Nil |
| d) | Area fully reclaimed for the use of agriculture purpose | 1.434 | 1.716 | 180.0 |

B. Dump area:

| S.No. | Head | At present (Ha.) | At the end of SOM period | At the end of conceptual period |
|-------|---|------------------|--------------------------|---------------------------------|
| A) | Total area under dump | 0.821 | 0.75 | Nil |
| B) | Area under active dump | Nil | Nil | Nil |
| C) | Dump Area fully rehabilitated | Nil | Nil | Nil |
| d) | Area fully reclaimed for the use of agriculture purpose | Nil | Nil | Nil |

Note: Dumps are not be rehabilitated as all the quantities are be used in backfilling /reclamation.

C. Others

| S.No. | Head | At present (Ha.) | At the end of SOM period | At the end of conceptual period |
|-------|--------------------------|------------------|--------------------------|---------------------------------|
| A) | Area under mineral stack | Nil | Nil | Nil |

| | | | | |
|----|--|------|-------|-------|
| B) | Area under PWD road/Foot track | 9.46 | 0.140 | 9.6 |
| C) | Area under green belt (i.e plantation on area other than dump & Backfilled area) | 0.05 | 1.5 | 12.50 |

8. Other Waste Generation, if any: -

9. Land Use (Forest/Agricultural/Waste):

Uneven Agricultural Land. Project proponent has obtained No Objection Certificate from the individual land owners for the exploration of soapstone in their respective land.

10. Details of past production since inception of mine authenticated by DMG

Past production details are given below:

| Year | Production |
|------------------|-------------------|
| 1994-1995 | 3005.0 |
| 1995-1996 | 4736.0 |
| 1996-1997 | 3643.0 |
| 1997-1998 | 5504.0 |
| 1998-1999 | 4720.0 |
| 1999-2000 | 3902.0 |
| 2000-2001 | 5935.0 |
| 2001-2002 | 5806.0 |
| 2002-2003 | 4000.0 |
| 2003-2004 | 0.0 |
| 2004-2005 | 2565.0 |
| 2005-2006 | 6376.0 |
| 2006-2007 | 8060.0 |
| 2007-2008 | 7900.0 |
| 2008-2009 | 10200.0 |
| 2009-2010 | 2600.0 |
| 2010-2011 | 3420.0 |

| | |
|------------------|--------|
| 2011-2012 | 4000.0 |
| 2012-2013 | 700.0 |
| 2013-2014 | 100.0 |
| 2014-2015 | 3400.0 |
| 2015-2016 | 5800.0 |
| 2016-2017 | - |

11. Applicability of General Condition & Status of SEIAA:

No Wildlife Sanctuaries or Habitats for any Specific Wildlife within 10 km radius of the ML Area.

12. Project Cost & Employment:

The project proponent is committed to take initiatives which will have a positive impact on socio economic fabric of the region. As a part of community development Project proponent has allocated the budget for following community activities:

| S. No. | Activities | Amount (Rs.) to be invested during 2012 to 2017 |
|---------------|--------------------------------------|--|
| i. | Maintenance of Foot Track | Rs. 10,000 |
| ii. | Donation for temple construction | Rs. 8,000 |
| iii. | Donation for school | Rs. 10,000 |
| iv. | Contribution for cultural activities | Rs. 5,000 |
| v. | Contribution for sports activities | Rs. 10,000 |
| vi. | Employment of local villagers | Rs. 6,00,000 |
| vii. | Land compensation | Rs. 80,00,000 |
| viii. | Salary for School teachers | Rs. 3,60,000 |
| Total | | 90,03,000 |

About 128 people will be engaged through project proponent for Extraction / Collection, shorting, handling and loading of Soapstone in mining area, besides, watch and ward and plantation activity with proper maintenance.

| Category | No. |
|-----------------------------|------------|
| Mining Engineer (Full Time) | 01 No. |
| Geologist (Part Time) | 01 No. |
| Skilled | 02 No |
| Un Skilled | 124 No. |

13. Affidavit for SC Order 2.08.2017:

Affidavit will be submitting with Final EIA/EMP report.

14. Status of DSR, in case of minor mineral

DSR of Bageshwar District has already been prepared.

Observations and recommendations of committee of 10th EAC meeting held on 11-12th July, 2018:

Project proponent did not attend the meeting.

Observations and recommendations of committee of 28th EAC meeting held during 25th - 26th November, 2019:

Project proponent did not attend the meeting.

Observations and recommendations of committee of EAC in its 42nd meeting held during 28-29th January,2021:

Project proponent did not attend the meeting but vide letter dated 21.01.2021 informed that application for mining plan approval was made to Director, Geology and Mining, Bopalpani, Dehradun on 09.10.2017 and same is under process. PP therefore requested to re-consider proposal in the next EAC meeting for Terms of Reference.

Observations and recommendations of EAC in its 45th meeting held during 08th – 09th March, 2021 (present meeting)

After detailed presentation by the PP, EAC observed the following:

- PP has gone for enhanced production beyond 1993-94 base year level production without taking prior environmental clearance hence violated the provisions made under the E(P) Act
- The Existing Lease was granted to Smt. Nandita Tiwari for Soap stone mineral in the year 1972 for a period of 20 years and renewal for another 10 years from 16-05-1992 to 15.05.2002.
- Renewal applied for a period of 20 Years on 7.06.2001. State Government has given their consent to continue the mining operation till further order vide letter no 2186(1)/SAAT/2004-248KHA/2002 dated 11.10.2004.
- Khaniz Parihar Niyamavali, 1960, Rule 24 (A) 6, Government allowed to continue mining till renewal & letter No. 2186 (1) /7/2004-248 Kha/2002 dated 11th October 2004 regarding the same.
- At present Mining operation has been stopped from 2016 to till date. Approval of Mining Scheme is in under process at Geology and Mining Department, Bhopal Pani, Dehradun.

EAC, after detailed deliberations on the proposal in terms of the provisions of the MoEF&CC Notification dated 14th March, 2017, confirmed the case to be of violation of the EIA Notification, 2006 and **recommended** for issuing Standard Term of Reference along with the following specific Term of Reference for undertaking EIA and preparation of Environment Management Plan (EMP)**subject to submission of hard copy of the documents including affidavit in line with Ministrys OM dated 30.05.2018 prior to grant of ToR:**

- i. The State Government/SPCB to take action against the project proponent under the provisions of section 19 of the Environment (Protection) Act, 1986, and further no consent to operate to be issued till the project is granted EC.
- ii. The project proponent shall be required to submit a bank guarantee equivalent to the amount of remediation plan and natural and community resource augmentation plan with the SPCB prior to the grant of EC. The quantum shall be recommended by the EAC and finalized by the regulatory authority. The bank guarantee shall be released after successful implementation of the EMP, followed by recommendations of the EAC and approval of the regulatory authority.
- iii. Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.
- iv. Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- v. The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants
- vi. One season fresh base line data shall be collected for preparation of EIA/EMP reports.
- vii. The PP is required to conduct public hearing as per EIA notification, 2006 and as amended thereof.
- viii. The PP should also address the all the issues raised during the already held public hearing along with commitments made and with fund provision to address above issues in tabular form to be submitted along with EIA/EMP report.
- ix. Layout plan earmarking space for development of peripheral green belt.

- x. Transportation details to be submitted in the EIA/MEP report.
- xi. DSR shall be prepared for the minor mineral

45.3.15. Hakurani Iron & Manganese Mines (M.L. Area 778.762 Ha) for enhancement of Iron ore production to 3.0 MTPA and Manganese ore to 0.06 MTPA at Village Dalki, Tahasil Barbil, District Keonjhar, Odisha by M/s Orissa Mineral Development Company Ltd. - Terms of Reference Proposal No. IA/OR/MIN/68462/2010 and File No. 23-211/2018- IA.III (V)

Observations and recommendations of committee of 11th EAC meeting held on 31st July-2nd Aug, 2018:

Project proponent did not attend the meeting.

Observations and recommendations of committee of EAC in its 42nd meeting held during 28-29th January, 2021:

Project proponent attended the meeting and submitted the letter dated 27.01.2021. It is informed to the committee that mining is closed and extension of mining lease is under active consideration by the State Government. PP therefore requested to defer the proposal.

Observations and recommendations of EAC in its 45th meeting held during 08th – 09th March, 2021 (present meeting)

Project proponent attended the meeting, however, informed to the committee that mining is closed and extension of mining lease is under active consideration by the State Government. PP therefore requested to defer the proposal.

45.3.16. Discussion on any other item with permission of the Chair
