

Minutes of 42nd meeting of Expert Appraisal Committee for the proposal involving violation of EIA Notification, 2006 held on 28th-29th January, 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

Dr. Ramana Murthy could not join the meeting

Day 1: 28th January, 2021

Time: 11.00 AM to 05.30 PM

42.1. Opening remarks of the Chairman

42.2. Confirmation of the minutes of the 41st meeting held on **15th January, 2021** at Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi

42.3 Proposal for consideration

42.3.1. Expansion of Gauthamkhani Opencast Coal Mining Project (2MTPA to 4MTPA) in ML area 902.00 Ha of M/s Singareni Collieries Company Ltd located in Village Gouthampur, Mandal Kothagudem, District Bhadradi Kothagudem (Telangana) - Environmental Clearance Proposal No. IA/TG/CMIN/186675/2018 and File No. 23-254/2018-IA.III (V)

Gauthamkhani Opencast Expansion Project of SCCL is located in Kothagudem area, Village Gouthampur, Mandal Chunchupalli (Erstwhile Kothagudem), District Bhadradi Kothagudem of Telangana State. It is an existing opencast coal mine project with a production capacity of 2.0

MTPA in 902.00 ha area. Application in Form-1 was submitted as per MoEF&CC notification S.O. 804(E), dated 14th March 2017, for issue of ToR/EC for enhancing coal production from 2 MTPA to 4 MTPA within the same project area. The proposal was deliberated in EAC meetings held on 20th September, 2018(13th EAC) and 28th March, 2019(20th EAC) for issue of ToR. Accordingly, MoEF&CC issued Terms of Reference vide No.23-254/2018-IA-(III)(V), dated 21.10.2019 &13.05.2020 for the proposed expansion of Gauthamkhani Opencast Expansion Project. Subsequently as per the issued ToR, Draft EIA/EMP report was prepared and Public Hearing was conducted on 27th November, 2020.

Basic information:

1. **Name of the Project** Gauthamkhani Opencast Expansion Coal Mining Project
2. **Name of the Company, Address Tele No. &E-mail:**The Singareni Collieries Company LimitedN.Balram, Director (Planning & Projects), Singareni Collieries Company LimitedKothagudem Collieries – 507101, dpp@sccmines.com.
3. **If a Joint venture, the names & addresses of the JV partners :-** No
4. **Latitude and Longitude of the project :**North Latitude of 17⁰26'18.09" and 17⁰28'11.27" East longitude, 80⁰37'32.7" and 80⁰40'2.12" in the Survey of India Topo sheet No. 65-C/11
5. **Whether the Project is in the Critically Polluted Area (CPA) :**No
6. **Cost of the project :**Rs.159.74 Crores
7. **Employment generated / to be generated:** 1570 (Permanent - 860 and temporary - 710)
8. **Benefits of the project :**To meet the coal requirements of thermal power plants of Telangana State.
9. **Whether new or Expansion project, If expansion:** Expansion Project
 - (i) **From ----MT to ----MT** 2.00 Mtpa to 4.00 Mtpa
 - (ii) **What is the % of expansion** 100%9a **If for expansion, whether the application is under 7(ii) of the EIA Notification, 2006**
Not applicable
9b **If expansion, please indicate the number and date of the Certified Compliance Report of Regional office of the MoEF**
EP/12.1/82/A.P/0249. Dated: 14.02.2020
10. **No. and Date of ToR/and revised ToR, if any, letter issued by MoEF (if this is a case for EC)** No.23-254/2018-IA-(III)(V), 21.10.2019 & 13.05.202011.

11. No and Date of EC and the revised EC letter issued by the MoEF (if this is a case for reconsideration. If so what specific reconsideration(s) being sought by the proponent) Not Applicable

12. If the project was considered in EAC, Pl give dates of the meeting (s) 20th September, 2018 (13th EAC) and 28th March, 2019 (20th EAC) for ToR

13. Type of Mine: (OC / UG / mixed Opencast Coal Mining Project

**14. Capacity of the mine applied for 4.00 MTPA
ML Area 902.00 ha.**

Date of approval of mine plans, Status & date : 8011/12/2017-PCA, Approved on 12.09.2019.

15. Date of Board's approval : 28.11.2018 by SCCL Board.

16. Date of Ground Water Clearance and surface water approval : SCCL Application No. KGM/ENV/401/2018/99, Dt: 12.09.2018.

Existing Ground water level in (M)

**Pre-Monsoon : From 3.43 To 12.30
(Depth from surface)**

**Post Monsoon : From 1.67 To 7.10
(Depth from surface)**

17. Date of mine closure approval : 12.09.2019, Vide 38011/12/2017-PCA.

18. Any river / Nallah flowing near or adjacent to the proposed mine. If yes, please give details : The area is drained by northerly flowing Edulavagu and Tellavagu which are tributaries of Mururu river.

19. Details of Mine Lease :

1. Kothagudem Mining Lease for 640.69 ha

Date of entering into original lease deed : 01.01.1886

Date of expiry of original lease deed : 26.04.2029

2. GK OCP Mining Lease for 261.31 ha

Date of entering into original lease deed: 21.04.1997

Date of expiry of original lease deed : 18.09.2034

20. Geological Reserve:

i. Total Geological Reserves : 1.78 million tonnes

ii. Mineable reserve : 71.01 million tonnes

iii. Extractable Reserves: 67.37 million tonnes

iv. Percent (%) of extraction: 82.37 %

v. Range of ground water level

Pre-Monsoon : From 3.43 To 12.30

(Depth from surface)

Post Monsoon: From 1.67 To 7.10

(Depth from surface)

vi. **Total estimated water requirement:**4100 m³/day

vii. **Details of intersecting ground water level :** 5.18 m

21. Details of Deposits

i. **Depth of the ore body :** 60 to 240 m

ii. **Grade of ore :**G9

iii. **Stripping ratio:**1: 5.06

22. Method of mining:Mechanized opencast method

23. Life of mine 1 year from 2019-20.

24. Whether ambient air quality seasonal data has been documented. If so from which season to which season and whether the results are within the prescribed limits Yes.

From March 2019 to May 2019 (Summer season) and the results are within the prescribed limits.

25. Whether the monitoring report of earlier EC from MoEF Regional Office has been obtained, in case the proposal is for expansion.Yes. EP/12.1/82/A.P/0249. Dated: 14.02.2020

26. Details of O.B.

i. **External OB dumps :**Present

ii. **No of OB dumps :**One

iii. **Area (in ha) :**361.34

iv. **Height :**80 m above Ground Level

v. **Quantity (in M.Cu.m) :** 139.10

vi. **Year of back filling :**1

vii. **No. of OB dumps reclaimed :**1

viii. **If garland drains and settlement facility for runoff created :**Yes

ix. **Whether runoff water being utilized :**Run-off water from OB dumps is being let out into nearby tanks for agriculture purpose through settling ponds.

27. Details of Internal Dumps

i. **Number of internal dumps :**One

ii. **Area (ha) :**142.26

iii. **Height :**30 m

iv. **Quantity (in M.Cu.m) :**196.94 29

28. Utilization potential of wastes:

- i. **Within the mines** :Overburden is being dumped in the earmarked dumping areas. Top soil is being spread on the dumps and plantation is being raised.
- ii. **Outside mines** :Nil
- iii. **Efforts made by proponent** :Nurseries are established and native species are raised and planted on the OB dumps.

29. Details of final Mine Voids:

- i. **Area (ha)** :221.64
- ii. **Depth**: 240 m
- Details of Quarry**
 - i. **Total Quarry area (ha)** :363.90
 - ii. **Back filled quarry area ofha shall be reclaimed with plantation** : 142.26
 - iii. **A void ofha at a depth of...m which is proposed to be converted into a water body** : A void of 221.64 ha at a depth of 240 m is proposed to be converted into a water body
 - iv. **Green belt created in ha.** :142.26

30. Details of Land usage

i. Pre-mining

Land Use	With ML Area (Hectare)	Outside ML Area (Hectare)	Total
Surface Water Bodies			
Agriculture Land	27.37	Nil	27.37
Settlements		Nil	
Forest Land	540.27	Nil	540.27
Waste Land		Nil	
Grazing Land	38.03	Nil	38.03
Others (Specify)-SCCL	296.33	Nil	296.33
Total	902.00	Nil	902.00

ii Post- Mining

S.No	Description	Plantation		Water Body		Undisturbed	Total
		Non-Forest Land	Forest Land	Non-Forest Land	Forest Land		
1	Excavation Area						
A	Back Filled Area	28.43	113.83				142.26
B	Void Area Left			52.74	168.90		221.64
2	External Waste Dump	206.96	154.38				361.34
3	Safety Zone	37.02	63.60	5.00			105.62
4	Built Up	16.72	39.56				56.28

	area/Infrastructure						
5	Undisturbed					14.86	14.86
	Total	289.13	371.37	57.74	168.90	14.86	902.00

Core Area (Present Land Use)

Sl.No	Description	Non-Forest Land	Forest Land	Total
1	Excavation Area			
A	Back Filled Area	28.43	113.83	142.26
B	Void Area Left	52.74	168.90	221.64
2	External Waste Dump	206.96	154.38	361.34
3	Safety Zone	42.02	63.60	105.62
4	Built Up area/Infrastructure	16.72	39.56	56.28
5	Undisturbed	14.86	0.00	14.86
	Total	361.73	540.27	902.00

31. Details of Forest issues

- i. Total forest area involved (in ha) for mining lease : 540.27
- ii. Total broken forest area: 540.27
- iii. Status of Forest Clearance and extent of forest land diverted in ha.
 - (a) 261.31 ha of forest land was diverted for mining purpose vide F. No. 8-117/2002-FC dated 1st February, 2010.
 - (b) 154.96 ha of forest land was diverted for mining purpose vide F. No. 8-62/2005-FC dated 09th/15th July, 2008.
 - (c) 124 ha of forest land was diverted for mining purpose vide No. 8-17/98-FC dated 8th February, 1999 (Applied for renewal).
- iv. Is there any National Park, eco-sensitive Zones, within 10 km radius? If so, give the details. : No
- v. Extent of forest land in the project (including safety zone and all types of forest land) (in ha) :540.27
- vi. Total Forestland for which Stage-I FC is available (give area in Ha), provide breakup of this area in following format:

Area in ha.	Stage-II FC issued vide letter no. & date	Validity period of FC
124.00	8-17/98-FC 8 th February, 1999.	20 years-Applied for Renewal
154.96	8-62/2005-FC 09 th /15 th July, 2008.	20 years
261.31	8-117/2002-FC 1 st February, 2010.	20 years
540.27		

Stage-II FC for entire forest land is available

- vii Balance forest land for which Stage-I FC is not available (give area in Ha) : Nil

viii Details of wild life issues involved, if any. If so, whether WL management plan has been prepared and pl indicate the status. : A Wildlife Conservation & Mitigation Plan for Schedule-I species has been prepared for an amount of Rs.116.00 Lakhs and is in approval stage.

ix Whether schedule -I species, if yes conservation plan is approved by CWLW :Submitted for approval.

32. Costs of the project

i. **Total capital Cost:** ₹ 159.74 Crores

ii. **Cost of Production:** ₹ 548.83 per Tonne

iii. **Sale Price:** ₹ 770.38 per Tonne

iv. **CSR cost:** As per Companies Act, 2013 and Companies (Corporate Social Responsibility Policy) Rules - 2014, SCCL is spending 2% of its average annual net profit calculated in accordance with the provisions of Section 198 of the Act made during three immediately preceding financial years in pursuance of its CSR policy on CSR activities each financial year.

In addition, an amount of Rs.670.68 crores (as on March 2020) was deposited with District Collector, Bhadradi Kothagudem, as District Mineral Fund (DMF) for taking up developmental works in nearby villages as per the DMFT Rules (2018).

v. **R&R Cost:** Nil

vi. **No of PAFs:** Nil

vii. **Cost for implementing EMP** :- Capital: ₹ 17.58 Crores , Revenue : ₹ 3.40 Crores per Annum.

33. Details of villages/habitation in mine lease area

i. **Inside the lease** :Nil

ii. **Surrender by lease** :Nil

iii. **Extent of cropland acquired/ being acquired in ha.** :27.37

34. Details of transportation of coal

i. **In pit** :Dumpers & Conveyor

ii. **Surface to siding** :From pit head to CHP by trucks

iii. **Siding to loading** :From CHP to end users by Rail.

iv. **Quantity being transported by Road/Rail/conveyer /ropeway** :4 Mtpa

v. **Proposed change in transportation means if any, give details** :Nil

36. Details of reclamation

a. **Afforestation shall be done covering an area of -----ha at the end of Mining. This will include:** 660.50

i. **Reclaimed external OB dump in ha.** :361.34

ii. **Internal Dump in ha** :142.26

iii. **Green belt in ha:** 156.90

iv. **Density of the tree plantation (in no.):** 2500 per hectare

v. **Void (ha) at a depth of (m) proposed to be converted into water body:** 221.64 ha at a depth of 240 m

vi. **Other in ha (such as excavation area along ML boundary, along roads and infrastructure, embankment area and in township located outside the lease etc.)** -

vii. **Agriculture and horticulture:** Nil

viii. **Fisheries:** Nil

ix. **ECO Tourist/recreation spot:** Proposed to develop Eco-park near GK OC

37. Any court cases pending. If so, please provide a list with details as annexure.

(i) Environment (Protection) Act

(ii) Air (P&CP) Act

(iii) Water (P&CP) Act

(iv) MMRD Act

(v) The Factories Act

(vi) Other land R&R related cases :Nil

38. Any violation cases pending. If so, please provide a list with details as annexure

As per the ToR, State Govt/SPCB has to take action against the Project Proponent under the Provisions of the E(P) Act, 1986. State Govt. directed SPCB to take action in this regard. Action from SPCB is awaited.

39. Give the details of actual production vis-à-vis sanctioned capacity since inception of mine in following format:

Year	EC Capacity (MTPA)	Actual Production (MTPA)	Excess production beyond the EC sanctioned capacity (MTPA)
1993-94	2.00	0.12	-
1994-95		0.38	-
1995-96		0.73	-
1996-97		0.77	-
1997-98		0.72	-
1998-99		1.11	-
1999-00		1.40	-
2000-01		1.60	-
2001-02		2.35	0.35
2002-03		2.61	0.61
2003-04		2.64	0.64
2004-05		2.93	0.93
2005-06		2.95	0.95
2006-07		2.90	0.90
2007-08		2.79	0.79
2008-09		3.35	1.35
2009-10		3.59	1.59
2010-11		3.32	1.32
2011-12		3.22	1.22
2012-13		3.20	1.20
2013-14		2.85	0.85
2014-15		2.41	0.41
2015-16		2.73	0.73
2016-17		3.24	1.24
2017-18		3.42	1.42
2018-19		3.93	1.93

2019-20		3.99	1.99
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40. **Date and Place of Public hearing:** Date: 27th November, 2020, Place: Govt. Polytechnic College, Rudrampur, **presided over by the** Additional Collector

45 **Name of the consultant who prepared the EIA/EMP report:** Environment Protection Training and Research Institute (EPTRI), Hyderabad.

46 **Whether the consultant has been accredited by the QCI and NABET as per the MoEF OM dated 2nd December, 2009:** Yes

Certificate No. NABET/EIA/1922/RA0143, Dated 06.12.2019, valid up to: 29th May, 2022.

Observation and recommendation of the EAC in the 42nd (present) held on 29.01.2021

Project Proponent made the detailed presentation on the proposal for EC. After detailed presentation by the PP, EAC observed that EC was granted vide letter No.J-11015/46/89-IA.II(M), dated 13th January, 1993 for a capacity of 2.00 MTPA. Gauthamkahani OC Project exceeded EC production capacity since 2001- 02 (Total excess production: 20.42 Mt) without obtaining EC under expansion.

Total mine lease area is 90.2.0 ha (Non-Forest Land: 361.73 ha and Forest land: 540.27). The mine is covered in Kothagudem Mining Lease and GK OCP Mining Lease. Kothagudem Mining Lease was granted vide G.O. MS. No.324 I&C (M.III) dated 12th December, 2008 for 20 years valid up to 26.04.2029 and mine covers an area of 640.69 ha. GK OCP Mining Lease (1st renewal) was granted vide G.O. MS. No.211 I&C(M.III) dated 8th August, 2008 for a period of 27 years valid up to 18.09.2034 and mine covers an area of 261.31 ha. Total forest area involved (in ha) is 540.27, out of which 261.31 ha of forest land was diverted for mining purpose vide F. No. 8-117/2002-FC dated 1st February, 2010; 154.96 ha of forest land was diverted for mining purpose vide F. No. 8-62/2005-FC dated 09th/15th July, 2008; 124 ha of forest land was diverted for mining purpose vide No. 8-17/98-FC dated 8th February, 1999 (under renewal). EAC further noted that There are no Wild Life Corridors, ESZs, ESAs, NPA, WLS, Critically Polluted areas within 10 km of the project.

EAC also observed that PP has submitted the Remediation Plan, Natural Resource Augmentation Plan and Community Resource Augmentation Plan with budgetary provision of Rs 465.0 lakhs. EAC deliberated on the information submitted by the PP and advised PP to come up with physical targets towards community development, in place of CER, based on the issues raised during the Public Hearing. EAC further advised to revise the damage cost considering the excess production.

EAC advised PP to submit the revise details through email to all the members within 4 days as per the advice of the EAC, PP submitted the revised information to the EAC through email. PP has submitted the revised plan of Rs. 540.0 lakhs towards Remediation Plan, Natural Resource Augmentation Plan and Community Resource Augmentation Plan.

The EAC after detailed deliberation on the information submitted by the PP (EIA/EMP report, PH issues, Compliance report, Form 2, Additional information, Annexures etc), **recommended** the proposal for grant of Environmental Clearance to the **Expansion of Gauthamkhani Opencast Coal Mining Project (2MTPA to 4MTPA) in ML area 902.00 Ha of M/s Singareni Collieries Company Ltd located in Village Gouthampur, Mandal Kothagudem, District Bhadradi Kothagudem (Telangana)** subject to the compliance of following Specific conditions in addition to all Standard conditions applicable for such projects:

- i. EAC recommended for an amount of **Rs 540.0 lakhs** towards Remediation plan and Natural and Community Resource Augmentation plan to be spent within a span of three years. The details of Remediation plan, Natural resource Augmentation plan and Community Resource Augmentation plan with budgetary provision are mention below:

Remediation Plan with the budgetary provision:

S. No.	Component Remediation	Remediation Proposed	Description	Locations	Unit Rate in Rs.	Total Qty.	Total Cost	Year I	Year II
							In lakhs		
1a.	Air & Noise Environment	Dust suppression	Providing wind barrier and vertical greenery outside ML area towards the direction of head CHP.	Outside ML boundary area	30,00,000/100mtrs	500 m	150.00	70.00	80.00
1b	Noise Environment and Ecology	Avenue Plantation	Plantation of total 3000Nos native plants at Rs.1000 per sapling, including maintenance for 3 years in nearby villages.	1. Rudrampur 2. Kothagudem 3. Periphery of the outside the mine lease area	1,000	3000	30.00	15.00	15.00
Sub-Total – A (1a+1b)							180.00	85.00	95.00

Natural Resource Augmentation Plan with the budgetary provision

S.No .	Component Remediation	Proposed Activity	Description	Locations	Unit Rate in Rs.	Total Qty.	Total Cost	Year I	Year II
								In lakhs	
2a	Natural Resource Augmentation Plan	Construction and annual maintenance of 20 Nos. Rain Water Harvesting in nearby village	Construction of RWH- 20 No.s @ 2,00,000/per RWH (including raw material, labour, construction and maintenance for one year)	Penagadapa Sitampet	2,00,000	20	40.00	20.00	20.00
2b		Energy Conservation by adapting Green Energy technology	Providing 1 KW Solar Street Lighting (including panels, inverters, wiring, structure, connectors, junction boxes, etc.) in nearby villages @ Rs.50,000 per unit.	Penagadapa Kothagudem Rudrampur	50,000	100	50.00	25.00	25.00
Sub-Total – B (2a+2b)							90.00	45.00	45.00

Community Resource Augmentation Plan with the budgetary provision

S.No .	Component Remediation	Proposed Activity	Description	Locations	Unit Rate in	Total Qty.	Total Cost	Year I	Year II
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					Rs.	Qty.	In lakhs		
3a	Community Resource Augmentation Plan	Improving Health status of people during the pandemic (CoVID 19)	Providing materials related to Covid-19 prevention to the nearby villagers. (@ Rs.2,00,000/village). 1. Placement of 4 Nos in each village Viral disease air & surface transmission prevention equipment for active containment of the pathogens (Including Corona family of viruses) - Rs.25,000/unit. 2. Masks- Rs.50,000 (Distribution of 2000 masks @ Rs.25/mask) 3. Sanitisors- Rs.50,000 (Distribution of 1000 sanitizers @ Rs.50/sanitizer).	1. Penagadapa 2. Rudrampur 3. Ramavaram 4. Gouthampur 5. Chunchupalili 6. Gareebpeta 7. 3 Incline 8. Vanamanagar 9. Rampur 10. Dhanbad	2,00,000	10	20.00	20.00	0.00
		Development of infrastructure for recreation for improving the health conditions.	Development of ECO park near by GK OC dumps by developing Lawns, Gardens, theme plantation, cacti garden, birds watching arrangements, cycling track, walking track and adventurous sports arrangements like trekking etc	GK OCP	LS	1	250.00	125.00	125.00
Sub-Total – C							270.0	145.0	125.0

	0	0	0
Grand Total A + B + C (Rs.)	540	275	265

Summary

S. No.	Description	Estimated cost (Rs. in Lakhs)
1	Remediation Plan	180.00
2	Natural Resource Augmentation Plan	90.00
3	Community Resources Augmentation Plan	270.00
Total		540.00

- ii. Total budgetary provision with respect to Remediation plan and Natural & Community Resource Augmentation plan is Rs 540.0 lakhs. Therefore, project proponent shall be required to submit a bank guarantee of an amount of Rs540.0 lakhs towards Remediation plan and Natural and Community Resource Augmentation plan with the SPCB prior to the grant of EC.
- iii. Remediation plan shall be completed in 2 years whereas bank guarantee shall be for 5 years. The bank guarantee will be released after successful implementation of the remediation plan and Natural and Community Resource Augmentation Plan, and after the recommendation by regional office of the Ministry, Expert Appraisal Committee and approval of the Regulatory Authority.
- iv. Approval/permission of the CGWA/SGWA shall be obtained before drawing ground water for the project activities, if applicable. State Pollution Control Board (SPCB) concerned shall not issue Consent to Operate (CTO) till the project proponent obtains such permission.
- v. Wild life Conservation plan as approved by the Competent Authority shall be implemented.
- vi. The Environmental Clearance will not be operational till such time the Project Proponent complies 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.

- vii. State Government concerned shall ensure that mining operation shall not commence till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of 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.
- viii. Effective dust suppression system shall be adopted at the transportation site and in the other parts of the mining lease to arrest the fugitive dust emission.
- ix. Project proponent shall take necessary other clearances/permissions under various Acts and Rules if any, from the respective authorities / department.
- x. The mining lease holder shall, after ceasing mining operations, under take re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to condition which is fit for growth of fodder, flora and fauna etc.
- xi. State Government/SPCB to take action against the Project Proponent under the provision of Section 19 of the E(P) Act.
- xii. In pursuance to the Ministry's OM dated 30.09.2020, Project Proponent shall take up the following activities for community development under EMP:

S. No	Activities	Quantity	Unit rate	Total (Rs.)	Year - I (Rs.)	Year - II (Rs.)
1	Laying and repair of C.C. Roads (Penagadapa, Seethampeta, Ambedkar Nagar, Rampur, Rudrampur, Dhanbad, 3 Incline, 4 Incline, Prashanth Nagar, 7,8,9 wards of Ramavaram & Gareebpet)	LS	70,00,000	70,00,000	35,00,000	35,00,000
2	Open gym at Ramavaram and Rudrampur	2	5,00,000	10,00,000	5,00,000	5,00,000
3	Garbage collection vehicles for Ramavaram, Rudrampur, Penagadapa	6	5,50,000	33,00,000	33,00,000	0
4	RO Plants in 10 villages of 1000 litre capacity in Penagadapa, Rampur, Rudrampur, 3 Inc., 4 Inc., Prashant Nagar, Ramavaram (3 No.s) & Tippanapalli villages.	10	3,00,000	30,00,000	15,00,000	15,00,000
5	Repair works for school building in Penagadapa Village	LS	13,50,000	13,50,000	0	13,50,000

6	Providing 5 No.s computers and 1 printer to Penagadapa school	6	25,000	1,50,000	1,50,000	0
7	Providing furniture to the schools of Penagadapa, Rudrampur villages	2	1,00,000	2,00,000	1,00,000	1,00,000
				1,60,00,000	90,50,000	69,50,000

42.3.2. 4 X 60 MW Captive Coal Based Thermal Power Plant and 1.0 MTPA Cement Grinding Unit at Village Churk, Taluk Robertganj, District Sonebhadra (Uttar Pradesh) by M/s Jaiprakash Associates Ltd. - Further consideration for Terms of Reference Proposal No. IA/UP/THE/68185/2017 and File No. 23-115/2018-IA.III (V)

Project Proponent made the detailed presentation and interalia provided the following information to the EAC:

The erstwhile Uttar Pradesh State Cement Corporation Ltd. (UPSCCL), a Government of Uttar Pradesh Enterprise, owned and were operating three units, at Dalla, Chunar&Churk in Uttar Pradesh. Due to economic feasibility reasons, the company was declared sick and went under BIFR. The plant wereshutdown in the year 1999. The Hon'ble High Court of Judicature at Allahabad, Uttar Pradesh, to facilitate revival of these units, ordered liquidation of assets of UPSCCL through competitive bidding and Jaiprakash Associates Ltd. was awarded, being the highest and successful bidder in the year 2006.

Jaiprakash Associates Ltd. (JAL) took initiative for revival of the above mentioned Units by replacement and up-gradation of Plant at Dalla, Chunar and Churk locations.

- JAL had implemented the subject project by setting up the 3 X 60 MW Captive Coal Based Thermal Power Plant and 1.0 MTPA Cement Grinding Unit upon receiving the Environmental Clearance for 4 X 60 MW Captive Coal Based Thermal Power Plant and 1.0 MTPA Cement Grinding Unit by Ministry of Environment & Forests vide its Ref. No. J-13012/106/2009- IA.II (T) dated 18.12.2012.
- The NOC was obtained from UPPCB vide its letter ref. No. F 14624/C-9/NOC -99/17/12 dated 27.12.12 to establish Captive Power Plant and Cement Grinding Unit. Consent to Operate for Captive Power Plant was obtained from UPPCB vide its letter ref. Nos. F 34703/C-9/Air Pollution/140/13 dated 30.12.2013 and letter ref. No. F 34702/C-9/Water Pollution/11/2013 dated 30.12.2013. Cement Grinding Unit is in operation since November, 2018 after obtaining Consent to Operate vide its letter ref. Nos. F 29980/UPPCB/Sonebhadra(UPPCBRO)/CTO/Air/Sonebhadra/2018and30256/UPPCB/Sonebhadra(UPPCBRO)/CTO/Water/Sonebhadra/2018 dated 19.09.2018.
- The project was considered for Environmental Clearance before the EAC (Thermal & Coal Mining) meeting held on 3-4, September, 2012. During the meeting Hon'ble committee noticed that JAL had gone ahead with the construction activities at site without mandatory environmental clearance and had referred the proposal to Impact Assessment Division of the Ministry to take necessary action in view of reported violation.
- Jaiprakash Associates Ltd. had started partial construction activities, after Public Hearing conducted by UPPCB on 02.06.2010 for the subject project, in terms of carrying out pre-project activities and building the infrastructure facilities and also taken up construction/installation of certain Plant structures. However, all construction activities were suspended in August, 2011.
- JAL had submitted all clarifications sought during the said EAC meeting, to MoEF vide our Letter Ref. No. 01.10.2012 along with the copy of resolution passed by the Board of Directors of JAL during its meeting held on 27th September, 2012 for not taking any construction activities at the project site till Environmental Clearance is granted by MoEF. It was also mentioned in the submission to MoEF that Uttar Pradesh Pollution Control Board had filed a petition in the Court of Chief Judicial Magistrate of Sonebhadra on 27th September, 2012 under ref. Case No. 4304/2012, Under Section-15 of the Environment Protection Act, 1986.

- Subsequently, the project again considered for Environmental Clearance before the EAC (Thermal & Coal Mining) meeting held on 8-9 October, 2012. After detailed discussion, based on the information and clarifications provided, the Hon'ble committee recommended environmental clearance to the project. Environmental Clearance was issued by MoEF vide its letter Ref. No. J-13012/106/2009- IA.II (T) dated 18.12.2012.

Now, present application is submitted under the provision of MoEF&CC Gazette Notification S.O.804 (E) dated 14th March, 2017 as it is a violation case due to start of construction and installation work without requisite prior Environmental Clearance as per the provision of the EIA Notification, 2006 notified under Environment (Protection) Act, 1986.

Project details:

JAL is operating a 3 X 60 MW Captive Coal Based Thermal Power Plant and 1.0 MTPA Cement Grinding Unit at Village Churk, Robertganj Taluk, Sonebhadra Distt. Uttar Pradesh. The land in the plant site is plain with a general elevation of about 300 m above MSL. The area is located between Latitude: 24° 38' 08" to 24° 38' 29" N and Longitude: 83° 05' 54" to 83° 06' 18" E. The site is about 4.0 km away from the nearest state highway SH-5. The nearest railway station is Churk at a distance of 1.5 km. The nearest airport at Varanasi is about 85 km.

The plant area is at a distance of 1.8 km, SW from Ghagharnadi, 2.6 km, ENE from Ghaghar canal, 6.3 km, SE from Ghaghar reservoir, 11.8 km, SSW from Son river. Project is located at a distance of 1.5 km from boundary of Kaimur Wildlife Sanctuary and 0.5 km from boundary of ESZ of Kaimur Wildlife Sanctuary. Total area of integrated plant is 60 ha, within the existing Cement Plant Site (old & not in operation). The land use for the plant site is under industrial category.

Greenbelt including green cover is proposed to develop in an area of about 20.173 ha out of 60 Ha. area allocated for integrated plant. Green belt development activities are started in the plant premises & township at Churk and 18.17 ha area is already covered under green belt.

Two Stacks of 130 m height have been constructed for existing CPP. Online Continuous Emission Monitoring System (CEMS) for continuous monitoring of SO_x, NO_x & Particulate Matter have also been installed at the stacks. High Efficiency Electrostatic Precipitators (ESPs) are installed at the stacks. The Electrostatic Precipitators (ESPs) are designed to achieve particulate emissions below 50 mg/Nm³.

One stack of 70 m height has been constructed for Cement Grinding Unit. Bag House is installed at CGU to achieve emission norms below 30 mg/ Nm³ for particulate matter. Opacity meter has already been installed at the Stacks for online Continuous Monitoring of Particulate Matter. CAAQMS has also been installed for ambient air quality monitoring at the Unit.

Total cost for the integrated project (Captive Power Plant & Cement Grinding Unit) is approximately Rs. 884 Crores.

Observations and recommendations of committee of 7th EAC meeting held on 17-18th May, 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 42nd EAC meeting held during 28-29th January 2021

EAC after detailed presentation by the Project Proponent observed the following:

- An application to obtain Environmental Clearance was submitted 9th October, 2009. ToRs were issued by MoEF vide letter ref. No. J-13012/106/2009 – IA.II (T) Dated 20th January, 2010. Final EIA/EMP report, after incorporating PH proceeding, was submitted to MoEF 12th July, 2010. The project was considered for Environmental Clearance (EC) before the EAC (Thermal & Coal Mining) meeting on 19th October, 2010. EAC sought additional information .
- The proposal was earlier first considered in 8th meeting of the EAC meeting held during October 18-19, 2010, wherein the Committee noted that from records available the project proponent had not declared the existence of the wildlife sanctuary while submitting the proposal for seeking recommendation of terms of reference. The Committee viewed the suppression of information very seriously and decided the proposal may be referred to the Wildlife Division in the Ministry for its views and only after submission of the clearance from the Wildlife Division / Standing Committee of the National Board of Wildlife (as the case may be) the project proponent.
- On submission of the above clarification the matter was again placed in 56th meeting of Committee held during September 3-4, 2012. On submission of the above clarification the matter was again placed in 56th meeting of Committee held during September 3-4, 2012. EAC in the said meeting noted that the project proponent had gone ahead with the construction activities and had completed 50-60% of the construction work without mandatory environmental clearance and approval of the SC of NBWL. It was noted that the Standing Committee of the NBWL did not find merit for consideration and had referred the proposal to the Impact Assessment Division of the Ministry to take necessary action in view of the reported violations. The Committee deliberated at length and desired that the project proponent should submit detail clarification/information and accordingly the proposal was deferred. On submission of the desired information, proposal

was again placed before the EAC in the meeting held during 8-9 October, 2012. Based on the information and clarifications provided, the Committee recommended environmental clearance.

- During the meeting held during 8-9 October, 2012, the project proponent also regretted the partial construction activities undertaken right after Public Hearing of the project was over. That however, all construction activities were suspended in August 2011 and remain suspended till date. Further, it was also stated that the Board of Directors of M/s Jaiprakash Associates Ltd. has passed a resolution during the Board Meeting held on 27th September 2012 regretting the activities initiated prior to obtaining EC for the CPP and also submitted along with it its Corporate Environment and Energy Policy for implementation. It was also stated that the Uttar Pradesh State Pollution Control Board has also filed a Petition in the Court of Chief Judicial Magistrate of Sonbhadra on 27th September 2012 under ref. Misc. Case No. 761/2012, Under Section 15 of the Environmental Protection Act 1986.

In view of the above chronological events, EAC noted that the Environmental Clearance was issued by MoEF vide its letter Ref. No. J-13012/106/2009- IA.II (T) dated 18.12.2012 after consider all the facts related to the violation and options available with them at that point of time, such as: (i) resolution passed during the Board Meeting held on 27th September 2012 regretting the activities initiated prior to obtaining EC for the CPP and also submitted along with it its Corporate Environment and Energy Policy for implementation, (ii) the Uttar Pradesh State Pollution Control Board has also filed a Petition in the Court of Chief Judicial Magistrate of Sonbhadra on 27th September 2012 under ref. Misc. Case No. 761/2012, Under Section 15 of the Environmental Protection Act 1986.

Matter has been dealt in the court of law, therefore EAC after detailed deliberation recommended that No further action is required and proposal may be returned to the Project proponent. However, Project Proponent is required to submit the undertaking that they have not gone for change in scope/expansion after EC granted to them vide dated 18.12.2012.

42.3.3. Modernization of Bodai-Daldali Bauxite Mine from the current single shift operation to three shift operation by introducing mechanized crushing and screening operation in place of existing manual sizing and sorting for existing capacity of 1.25 MTMA (Despatchable Bauxite) (MLA 626.117 Ha) at Villages Mundadadar, Keshmarda, Rabda&Semsata, Tehsil Bodla, District Kabirdham (Kawardha), Chhattisgarh by M/s M/S Bharat Aluminium Company Limited - Further consideration for Terms of Reference Proposal No. IA/CG/MIN/67577/2017 and File No. 23-146/2018-IA.III (V)

Observations and recommendations of committee of 9th EAC meeting held on 27- 28th June , 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 (present meeting) held during 28-29th January,2021:

EAC observed that proposal was listed earlier for appraisal, however, PP did not attend the meeting. This time again 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.

42.3.4. Bastipur, Dehri&Pali Sone Sand (Silica Sand) mining project (Lease Area of 343.98 Ha) at Villages Pali, Dehri and Bastipur, Block Dehri, District Rohtas (Bihar) by M/s Dehri-on-Sone Labourer Co-Operative Society Ltd. - Further consideration for Terms of Reference Proposal No. IA/BR/MIN/63639/2017 and File No. 23-148/2018-IA.III (V)

Observations and recommendations of committee of 9th EAC meeting held on 27- 28th June , 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 (present meeting) held during 28-29th January,2021:

EAC observed that proposal was listed earlier for appraisal, however, PP did not attend the meeting. This time again 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.

42.3.5. 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 Smt Nandita Tiwari - Further consideration for Terms of Reference Proposal No. IA/UK/MIN/67199/2017 and File No. 23-177/2018-IA.III (V)

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 (present 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.

42.3.6. Anjani Limestone Mine (III) (ML Area 4.75 Ha) at Village Gudimalkapuram Mandal Chintalapalem, District Suryapet (Telangana) by M/s Anjani Portland Cement Limited - Further consideration for Terms of Reference Proposal No. IA/TG/MIN/67329/2017 and File No. 23-182/2018-IA.III (V)

M/s. Anjani Portland Cement Limited (APCL), a public limited Company with an installed capacity of 1.15 MTPA with two Kilns at Chintalapalem Village. The Mine having a Mining Lease area of 4.75 ha is being operated with a valid Mining Lease (granted by the State Government of Andhra Pradesh vide GO Ms no. 162 dated 02.07.2008) and Consent for Operation (granted by Andhra Pradesh Pollution Control Board vide its Order No (TSPCB/CFO/NLG/HO/2016-1689. Dated 07-10- 2016) APPCB/PTN/NGL/425008/HO/2009-1816 dated 2.11.2009 and Scheme of Mining approved by Indian Bureau of Mines (vide Letter No AP/NLG/MP/Lst-3/HYD Dated 24.08.2015).

APCL is operating its Mine III with a Mining Lease area of 4.75 Ha with 0.15 MTPA of Limestone production falling in the jurisdiction of Gudimalkapuram Village, Chintalapalem Mandal, Suryapet District, Telangana State. This Captive Mine is named as “Anjani Limestone Mine III”.

The Limestone Mine III is spread over an area of 4.75 Ha with about mineral reserves of 0.821 million ton and is located at Gudimalkapuram village, Chintalapalem Mandal, Suryapet District, Telangana State. The mining of the deposit involves deep hole drilling & blasting with fully mechanized conventional open cast mining method. The benches are 5m height. The Limestone is loaded into 17T dumpers and transported to crusher located in Cement Plant (APCL). At the end of mining operations, about 2.702 ha of mined-out area will be developed into water reservoir, an area of 0.632 ha will be developed with greenbelt which includes 7.5 m safety barrier zone, 1.410 ha will be used as Nala barrier zone, 0.006 Ha will be used for roads and infrastructure.

On 12.01.2017 M/s. APCL applied EC with Form-I & prefeasibility report in the Non Coal Mining sector. On 20 & 21.02.2017 EAC (Non-coal mining) conducted 14th meeting considered our proposal. Committee requested ministry to take view on violation as per the MoEF notification S.O. 141(E) dt. 15.01.2016 as mining was in operation. EC Application was submitted under violation category on 10.08.2017 as per the letter from MoEF vide no. J11015/05/2017-IA.II(M) dated 24th April 2017. Mining operations were stopped from 09.05.2017 as instructed in the same letter. On 12.07.2018 EAC 10th meeting considered the proposal in the agenda, but PP written a letter dated 12.07.2018 that PP are not attending the meeting and request to defer the proposal..

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 (present meeting) held during 28-29th January,2021:

Project Proponent made the detailed presentation before the EAC. After presentation, EAC noted that M/s. Anjani Portland Cement Limited commenced the mining operations on 01.12.2009. Mining operations were stopped from 09.05.2017 after receiving letter from MoEF for not having EC. Mining reserves found low in quality and it not economically feasible to mine further. Hence PP submitted FMCP to IBM. Presently the reserves almost exhausted and mining further depth is not possible because of constraint of Nalla in – Northern direction. Here the quality of the limestone also below threshold value (Cao is below 35 % and SiO₂ is more than 18%). As advised by IBM to conduct the detailed study about mineral quality and economic feasibility, PP has submitted updated FMCP on 25.01.2021.

EAC also noted that PP has gone for an enhanced production in the year 2013-2014 without obtaining prior EC. Further, as mineable reserves are exhausted and Mining Lease not operatable, we are in the process of closure of mine. Mine Closure requires submission of Final Mine Closure Plan & Environmental Clearance.

The case was heard by the Committee. The case comes under gross violation and action may be initiated by issuing a Show Cause Notice followed by appropriate action. The mine is operating without valid EC being a major mineral which is applicable for the project less than 5 Ha. Since the PP asked the EC for only closing the mine, it is envisaged that the damage assessment vis-à-vis remediation plan may not be properly addressed by them even if the ToR is granted. Looking at the mindset of the PP making contradictory statements such as

- i. They don't require EC
- ii. They are not under violation
- iii. They are going to close the mine
- iv. They have already submitted mining closure plan;

purely indicate the uncertain state of mind and does not show the strength and commitment towards the environment. The Committee does not feel that at this juncture the ToR can be recommended. The PP even had made a statement that they will withdraw the application. A letter to IBM may be sent by the Ministry clarifying whether the mine closure plan submitted by them is approved..

Since the Mine has been operating till 2017, the compliance from RO as well as NOC/APPROVAL from Director General of Mines Safety for permanent closure, State Mines and Geology department and SPCB also to be obtained by PP and submitted for further consideration of TOR.

42.3.7. Sandstone & Khanda Mine (ML No. – 9/ 2000, Area 32.10 Ha) for proposed capacity of 1,18,000 TPA of ROM at Village Bhidyani & Sajjanwas, Tehsil Rupbas, District Bharatpur, Rajasthan by M/s Shri Gopal Ram Kashyap - Terms of Reference Proposal No. IA/RJ/MIN/67630/2017 and File No. 23-190/2018-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 (present meeting) held during 28-29th January, 2021:

EAC observed that proposal was listed earlier for appraisal, however, PP did not attend the meeting. This time again 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.

42.3.8. Expansion of mining of Limestone (Building Stone) (M.L. No. 21/93, Area 25.0 Ha) from 0.04 Lakh tones to 3.01 Lakh tones at Village Chechat, Tehsil Ramganjmandi, District Kota, Rajasthan by M/s Deejay Mining & Export Pvt. Ltd. - Further consideration for Terms of Reference Proposal No. IA/RJ/MIN/67797/2017 and File No. 23-196/2018-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 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 (present meeting) held during 28-29th January, 2021:

EAC observed that proposal was listed earlier for appraisal, however, PP did not attend the meeting. This time again 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.

42.3.9. Thakurani 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 (present 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.

42.4.1. Proposed expansion of pesticide technical products manufacturing unit of M/s Meghmani Organics Limited at Plot No. 5001/B, 5027 to 5034,5037, 4707/B and 4707/P, GIDC, Ankleshwar, 393 002, Dist. Bharuch ,Gujarat - Further consideration for Terms of Reference Proposal no. IA/GJ/IND2/74410/2018 and File No. 23-13/2020-IA.III (V)

The project involves manufacturing Pesticide technical of production capacity 1374.5 MTPM by M/s Meghmani Organics Limited in an area of 57,986 sqmat Plot No. 5001/B, 5027 to 5034, 5037, 4707 B & 4707P, GIDC Industrial Estate village Ankleshwar, Taluka/Mandal Ankleshwar District : Bharuch, (Gujarat). The said project/activity is covered under category A of item 5(b) Pesticides industry and pesticide specific intermediates (excluding formulations) of the Schedule to the EIA Notification, 2006, and requires prior EC from the MoEF&CC based on the appraisal by Expert Appraisal Committee.

The plant/unit was earlier set up with the consent to establish dated from the State Pollution Control Board. Subsequently, the unit is reported to be in operation with consent to operate renewed from time to time by the SPCB. The consent to operate is presently valid upto **01/08/2025**.

The chronology of events for seeking EC, deliberations by the respective authorities and the actions taken are reported to be as under:-

Application for EC was submitted to SEAC-III/SEIAA in	We submitted the application on 27 June 2017 at MOEF&CC (Proposal No: IA/GJ/IND2/65696/2017). In connection with email receive from monitoring-ec@nic.in dated 03/04/2018 that our case (IA/GJ/IND2/65696/2017) was transferred to Gujarat SEIAA (Proposal no SIA/GJ/IND2/23416/2018).
Final observations/recommendations of the SEAC to the SEIAA/State Government	DELETE

<p>Action taken by the State Government/SEIAA</p>	<p><i>The Environment Department of the State Government vide letter August, 2014 issued directions u/s 5 of the EP Act, 1986 for the alleged violation of the EIA Notification, 2006, which were replied by the project proponent on 25th August, 2014. The State Government, after taking note of the submissions of the project proponent, confirmed the directions u/s 5 of the EP Act, 1986 on 13th February, 2015, with the directions to stop the construction work till EC is obtained from the competent authority.</i></p> <p><i>SEIAA asked the project proponent to furnish a resolution expressing apology on the violation already committed.</i></p> <p><i>This was done and complied.</i></p>
<p>Complaint case filed by the State Government/State Pollution Control Board</p>	<p>State Pollution Control Board.</p>
<p>Further consideration of the proposal by the SEAC and recommendations</p>	<p>Again we submitted a new application on 13 April 2018 at MOEF&CC (IA/GJ/IND2/74410/2018) after that same day we receive mail from Gujarat SEIAA (Proposal no SIA/GJ/IND2/23416/2018) transfer the project at MOEF because being a Category 5 (b) project, Proposal appraised at MOEF&CC.</p>
<p>Final recommendations of SEIAA</p>	<p><i>SEIAA via E-mail came to the conclusion that (Proposal no SIA/GJ/IND2/23416/2018) transfer the project at MOEF because being a Category 5 (b) project, Proposal appraised at MOEF&CC.</i></p> <p><i>SEIAA delete Proposal and transfer to MOEF</i></p>
<p>Legal interventions, if any</p>	<p>- NA/ -</p>

Now the proposal has been submitted to the Ministry for consideration in pursuance of the Ministry's Notification dated 14th March, 2017 due to violation of the EIA Notification, 2006.

Observation and Recommendation of the EAC in the present 38th meeting held on 19th November, 2020

EAC observed that PP has submitted the application on 27/06/2017 at MOEF&CC (Proposal No: IA/GJ/IND2/65696/2017), which was inadvertently transferred to SEIAA considering Category B. SEIAA Gujarat referred the proposal to the MoEFCC being covered under Schedule 5b of the EIA Notification 2006 and as amended thereof. Proposal (No. IA/GJ/IND2/65696/2017) was then taken to EAC meeting held on 13.06.2018 but the case was deferred on the request of project proponent.

EAC further noted that in addition to above project, PP had submitted another proposal vide no. Proposal no. IA/GJ/IND2/74410/2018 dated 13.04.2018. PP informed EAC in the present meeting that this is a duplicate proposal.

EAC further noted that earlier, M/s. Meghmani Organics Ltd. has already been granted the Environmental Clearance (EC) for pesticide technical products vide letter F. No. J11011/18/2005-IA- II (I) dated 12/08/2005 by MoEF&CC, New Delhi. The instant proposal is for TOR to proposed expansion in production capacity of existing products as well as addition of new agrochemicals and intermediates products within the existing premises at Plot No. 5001/B, 5027 to 5034 & 5037, 4707/B & 4707/P, GIDC Estate, Ankleshwar, District- Bharuch- 393 001, Gujarat. Following are the existing and proposed products:

Sr.No	Product Details	Existing Quantity	Proposed Quantity	Total Quantity
1	Sodium Salt of TrichloroPyridinol Organic (Sodium Salt of HTCP)	73.75	26.25	100
2	2-(2', 2'-dichlorovinyl)-3-3-Dimethylcyclopropane carboxylic Acid Chloride (D.V. Acid Chloride) (CMAC)	17	183	200
3	1,2,4 Triazole	4.5	0	4.5
4	Acetamaprid	4.167	15.833	20
5	Imidacloprid	8.33	11.67	20
6	Chloropyriphos	104.16	45.84	150
7	Triazophos	16.67	3.33	20
8	Bifenthrin	4.167	15.833	20
9	Cyfluthrin and Beta	4.167	15.833	20
	Cyfluthrin			
10	Lambda Cyhalothrin	4.167	10.833	15
11	Indoxacarb	10	0	10
12	Deltamethrin	4.167	15.833	20
13	Trichlopyr Ester	4.167	45.833	50
14	Cypermethrin	0	150	150
15	Beta Cypermethrin	0	25	25
16	Alphamethrin	0	25	25
17	Thiocyclam Oxalate	0	50	50
18	Zeta Cyper	0	100	100

19	Lambda Cyhalothric Acid	0	100	100
20	Diafenthuron	0	25	25
21	Permethrin	0	150	150
22	Metaphenoxy Benzyl Alcohol (MPB Alcohol)	0	100	100
	Total	259.412	1115.088	1374.5

EAC observed that, PP in the present meeting requested for the withdrawal of the above applications (proposal no. IA/GJ/IND2/65696/2017 & IA/GJ/IND2/74410/2018). EAC deliberated on the PP request and opined that the proposal cannot be withdrawn until it is proved as non-violation case. EAC, therefore, after detailed deliberation deferred the proposal and advised PP to submit the following information within a month to the Ministry. Report from Regional Office, MoEFCC on the compliance of EC conditions may also be sought. Ministry examine the case on the violation based on the information submitted by the PP and may refer the case to EAC as appropriate:

- Details along with documentary proof of all Consent to establish and consent to operate obtained by the industry.
- Year wise production details of all technical products since inception to till date.
- Details of infrastructure created for proposed expansion.
- Details of any court case, if any.
- Communications regarding direction u/s 5 of the E(P) Act from the State Government

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

Above details were submitted by the Project Proponent, accordingly proposal was taken to the EAC for deliberation. PP made the presentation before the EAC. Based on the information submitted by the PP, EAC noted the EC was granted vide Ministry's communication dated 12.08.2005 for manufacturing ten products. PP gone for expansion without obtaining EC for expansion, hence violated the provision of the EI A Notification 2006 and as amended thereof. EAC further noted that PP in the Hon'ble Court before the Hon'ble Chief Judicial Magistrate of Ankleshwar (case no. 1723/2015) admitted the offence for commencing the unit without obtaining Environment Clearance.

EAC further noted that EC to the instant project has been recently granted vide letter dated 11.01.2021 for 1495 MT/Month to them by the concerned sector on merit. However, the matter is now referred to the EAC (violation) for assessment of damage caused by the unit operated without EC. EAC also noted that credible action has been taken against the Project Proponent. EAC deliberated on the project and considering the fact that EC has been granted to the PP on merit, it is now appropriate to stipulate the following additional ToR for the damage assessment:

- 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. 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.

42.4.2. Stone & Metal Quarry over an area of 3.39 ha. at Sy. No. 132, Malgi Village, Nyalkal Mandal, Sangareddy District and Telangana State by Sri Gurnath M Kollur Mine, Telangana - Terms of Reference Proposal No. IA/TG/MIN/68612/2017 and File No.23-218/2018-IA.III (V)

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

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

EAC observed that proposal was listed earlier for appraisal, however, PP did not attend the meeting. This time again 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.

42.4.3. Mancherial Cement Works (MCW) Limestone Mine over an extent of 278.50 Ha of non-forest ML area for production of 0.4 MTPA of limestone at Survey No.31, Thimmapur Village, Mandamarri Mandal and Survey No 21, Gadpur Village, Mancherial Mandal, Mancherial District, Telangana by M/s Mancherial Cement Company Pvt. Ltd. - Terms of Reference Proposal No. IA/TG/MIN/69291/2017 and File No.23-225/2018-IA.III (V)

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

Proponent requested to defer the proposal.

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

EAC observed that proposal was listed earlier for appraisal, however, PP did not attend the meeting and requested to defer. This time again 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.

42.4.4. Pandarathu Limestone mine in an extent of 234.9407 Ha located at S.F. Nos. 1580/2 and 1580/3 of Pudussery East Village, 866/1, 867/12, 867/13, 867/14, 868/2, 869/1, 874/33 of Malampuzha I Village, Palakkad Taluk & District, Kerala by M/s Malabar Cement Limited - Terms of Reference Proposal No. IA/KL/MIN/73756/2018 and File No.23-229/2018-IA.III (V)

Details of the project submitted by the project proponent:

The Proposal of M/s. Malabar Cements Limited is for Mining of Limestone from Pandarathu Limestone Mine for total excavation of 10,06,933 Tonne per Annum (including 6,00,000 Tonne per annum of Limestone and 4,06,933 Tonne per Annum of Waste, OB, Inter Burden, etc.) from mining lease area (234.9407 Ha) located at Pudussery East and Malampuzha I villages, Palakkad Taluk, Palakkad District, Kerala State by M/s. Malabar Cements Limited.

The proposal of M/s. Malabar Cements is for production of 6,00,000 Tonne per annum (TPA) of Limestone from Pandarathu Limestone Mine (ML Area 234.9407 Ha, located at S.F. No. 1580/2 & 1580/3 of Pudussery East Village & SF.No. 866/1, 867/12, 867/13, 867/14, 868/2, 869/1, 874/33 of Malampuzha I Village, Palakkad Taluk, Palakkad District, Kerala State. The mining lease is located on Survey of India Topo-sheet no. 58 B/13. The area is bounded between the coordinates Latitude 10°51'07.99" N to 10°51'47.01" N and Longitude 76°45'52.99" E to 76°51'23.01" E.

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.

Violation Details & Sectorial EAC/SEAC Comments:

The existing mine has not yet obtained EC and it is in operation from date of inception

Fresh application was made online vide proposal no. IA/KL/MIN/73756/2018 dated 28.03.2018 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 1(a) of EIA Notification, 2006 and is a category 'A'.

Details of Minerals:

- (i) No. of Minerals : 1
- (ii) Whether mineral is major or minor : Major
- (iii) Status of same mineral before 2006 (major or minor): Major

Letter of Intent (LoI)/Mining Lease Details:

Letter from the Deputy Director of Mines and Geology, vide order no. 3436/80 dated 4th June 1980 and the lease deed was executed for 20 of years upto 3rd June 2000 and the lease has been renewed on 26.08.2003 for the period of 20 years up to 2023.

Method of Mining & Mining Plan Details

- The Mining Plan was approved by IBM vide LR No.No.MP/PAL/Lst-29/SZ dated 14.05.2002. The 1st Scheme of Mining was approved vide Letter No.MP/PAL/Lst-65/SZ dated 21.04.2006 under Rule 12 of MCDR, 1998. The 2nd scheme of mining was approved vide Letter No.MS/PAL/LST-173/SZ, dated 28.11.2011 for the period 2011-12 to 2015-16. The 3rd scheme of mining plan for the period 2016-17 to 2020-21 was approved vide Letter No. 279/464/95/BNG/336 dated 11.03.2016. As per which the method of mining shall be opencast mechanized method.
- Controlled drilling & blasting will be adopted, bench height of 9m and width of more than 9m will be provided and ultimate pit slope of 50° to 55° will be provided.
- The wastes generated during the mining period will be dumped in the existing mine area of 27.47 Ha.
- The crushing plant installed in the mine have both Primary & Secondary Crushers of capacity 250 tons/hour & 180 tons/hour respectively.
- The water required for the mine lease area is 25 KLD. In the existing mines about 24,000 no of native species are planted and maintained in an area of 11.0 ha land. During this 3rd scheme of mining, 2,500 native tree species is being planted over an area of 8.19 ha along the boundary, haul roads & NE corner of the lease area.
- The Land use as per mining plan at the end of plan period and at conceptual stage.

S. No.	Particulars	Present Land Use (in ha)	Scheme of Mining Plan Period (2016-17 to 2020-21)	Conceptual Period (2026-27 to 2028-29)
1	Area under Mining	30.90	30.90	40.02
2	Storage for Top Soil	0.00	0.00	0.00
3	Waste Dump Site	27.47	27.47	35.47
4	Mineral Storage	0.90	0.90	0.90
5	Infrastructure	7.35	7.35	7.35
6	Roads	5.39	5.39	9.39

7	Railways	0.00	0.00	0.00
8	Tailing Pond	0.00	0.00	0.00
9	Effluent Treatment Plant	0.00	0.00	0.00
10	Crushing & Screening Plant	3.30	3.30	3.30
11	Township area	0.00	0.00	0.00
12	Others	Green Belt	2.50	8.19
		Unbroken Area	157.1307	151.4407
Total		234.9407	234.9407	234.9407

Other Waste Generation: 9.587 Million tons of wastes are expected to be produced during the entire mining period. Municipal solid waste generation will be negligible. Apart from the above wastes spent oil from machineries will be of waste which will be properly stored and disposed off suitably as per Hazardous waste management rules.

Land Use (Forest/Agricultural/Waste): The entire ML area of 234.9407 ha is located in Vested forest land. Project proponent has applied for Forest Clearance vide Proposal No. FP/KL/MIN/35771/2018 dated: 14.01.2020 and is in process.

Details of past production since inception of mine authenticated by DMG: Details of Past production are given below reference to DMG Letter No. Nil dated 16.12.2018 and 01.10.2020.

Year	IBM Approved Production (TPA)	Actual Production (TPA)
1992-93	672000	421906
1993-94	672000	453090
1994-95	672000	423684
1995-96	500002	482044
1996-97	504105	290451
1997-98	498387	336217
1998-99	499088	385047
1999-2000	502451	416248
2000-01	505000	410051
2001-02	700000	442686
2002-03	700000	355671
2003-04	700000	488077
2004-05	700000	544489
2005-06	700000	584711
2006-07	720000	497891
2007-08	760000	487721

2008-09	760000	535044
2009-10	700000	533475
2010-11	760000	529842
2011-12	660420	538540
2012-13	660974	487743
2013-14	660342	501105
2014-15	660067	510511
2015-16	660183	486671
2016-17	600000	375802
2017-18	600000	443727
2018-19	600000	325293

The said project attracts General Condition specified in the Schedule of EIA Notification as Tamilnadu - Kerala State boundary is located in 2.5 km distance from the project. There was no earlier application submitted to SEIAA / MoEFCC. Now only it is applied to TOR under violation.

Aravalli/Doon Valley/ Western Ghats/Eco-Sensitive area: The project site comes under the region of Western Ghats as per the report of the committee constituted by MoEFCC. But the committee formed by state government exempted the mine area from Eco Sensitive Zone.

Project Cost & Employment: The cost of the project is Rs. 30 Crores and manpower requirement is about 222 persons.

Status of DSR, in case of minor mineral: Not applicable as it is a major mineral mine.

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

Proponent requested to defer the proposal.

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

Project Proponent alongwith the consultant made the detailed presentation before the EAC. After detailed presentation by the PP, EAC observed that The lease deed was executed on 04.08.1980 valid for 20 years. Then, the lease has been renewed on 26.08.2003 for the period of 20 years up to 2023. The entire ML area of 234.9407 ha is located in Vested forest land. Forest Clearance have been applied vide Proposal No. FP/KL/MIN/35771/2018 and is in process. The project appraisal is taken under violation category as the mine was operated Without Environmental Clearance (EC). EAC after detailed deliberation confirmed the case the for violation and recommended for terms

of the provision of Ministry's Notification dated 14.03.2017 **recommended for issuing Standard Term of Reference along with the following specific Term of Reference** to M/s. Malabar Cements Limited is for Mining of Limestone from Pandarathu Limestone Mine for total excavation of 10,06,933 Tonne per Annum (including 6,00,000 Tonne per annum of Limestone and 4,06,933 Tonne per Annum of Waste, OB, Inter Burden, etc.) from mining lease area (234.9407 Ha) for undertaking EIA study 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. EIA/EMP report shall be prepared taking cognizance and impacts (Cumulative) of the adjacent mines leases, if any.
- vii. In case of violation of undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated, the ToR Clearance shall be liable to be terminated forthwith.
- viii. One season fresh base line data shall be collected for preparation of EIA/EMP reports.
- ix. The PP is required to conduct public hearing as per EIA notification, 2006 and as amended thereof.
- x. The 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.
- xi. Detailed hydrological study to be carried out in core and buffer zone of the project as per GEC 2015 guidelines.

- 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. Details of benefit accrued during the violation period along with capital cost of the project are to be submitted.
- xiv. Mine plan as approved by Indian Bureau of Mines to be submitted.
- xv. DGMS permission is to be submitted for blasting at project site, if any.
- xvi. Details as per Annexure XI as mentioned in the agenda shall be submitted.
- xvii. Impact assessment of mining activity on the National park, WLS etc within 10 km of the study area shall be studied.
- xviii. Affidavit in compliance to the Ministry OM dated 30.05.2018 shall be submitted in original.

42.4.5. Mordhar Bauxite Mine with production capacity of 34350 TPA over an extent of 8.44 Ha located at Village Mewasa, Taluka- Kalyanpur, District Devbhoomi Dwarka, Gujarat by M/s Orient Abrasives Ltd. - Terms of Reference Proposal No. IA/GJ/MIN/74082/2018 and File No. 23-234/2018-IA.III (V)

Details submitted by the Project Proponent:

The Proposal of M/s Orient Abrasives Ltd. is for Mining of bauxite from -Mordhar Bauxite Mine for Total Excavation 34350 Tonne per annum (TPA) from mining lease area 8.4437 ha. located at Villages Mewasa, Tehsil Kalyanpur, District Devbhumi Dwarka, State Gujarat by M/s Orient Abrasives Ltd.

The proposal of M/s Orient Abrasives Ltd. is for production of 32350 Tonne per annum (TPA) of Bauxite from Mordhar Bauxite Mine (ML Area 8.4437 Ha, located at Survey No. 330/P, at Villages Mewasa, Tehsil Kalyanpur, District Devbhumi Dwarka, State Gujarat. The mining lease is located on Survey of India Topo-sheet no F42/J8. The area is bounded between the coordinates Latitude 22° 12'47.9"N to 22° 13' 1.2"N and 69° 18 '27.9"E to 69°18' 42.9"E.

Mordhar Bauxite Mining project is covered under Category A-Mining (1A- Mining of Minerals) as per the EIA Notification, 2006 as amended, and requires prior EC from the MoEF&CC.

Violation Details & Sectoral EAC Comments:-The proposed project is of violation as the mining activity was carried out without obtaining prior Environment Clearance.

Fresh application was made online vide proposal no.IA/GJ/MIN/74082/2018 dated 09.04.2018 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 1(a) of EIA Notification, 2006 and is a category 'A'. Due to the presence of Marine Sanctuary at 4.96 Km distance from Mordhar Bauxite Mine, the proposal attracts general condition and belongs to Category 'A. The proposed project is under violation as the mining activity was carried out without obtaining prior Environment Clearance.

Project Chronology		
S.No	Details	Date
1.	ToR obtained vide No.J-11015/257/2015-IA.II(M)	22.09.2015
2.	Disposal of court case by punishment and fine (paid)	13.10.2016
3.	Enactment of violation notification [S.O 804(E)]	14.03.2017
4.	Office Memorandum [F. No.-Z-11013/22/2017-IA.II(M)]	16.03.2018
5.	Application for ToR (violation) was applied on	09.04.2018
6.	Enlisted as agenda no.4.10 in the 12 th Meeting Agenda of EAC(violation), Non Coal Mining – PP requested to defer the case	28.08.2018
7.	Enlisted as agenda no.4.5 in the 42 th Meeting Agenda of EAC(violation), Non Coal Mining .	29.01.2021

The proposed project is for mining of Bauxite mineral only. The grade of the bauxite found in the mine lease area is of High grade (Abrasives and Refractories grade) and Low grade. High grade bauxite from the mine will be used in OAL's manufacturing unit at Porbandar, while low grade will be sold to local consumers only after getting permission from Government of Gujarat.

The lease were granted by Government of Gujarat to:-

M/s. Orient Abrasives Limited (Mordhar-I Bauxite Mine) for Area-6.3737 ha. with vide letter no. MCR-1577/(O-21)/4516-CHH dated 18.06.1979.

M/s. Orient Abrasives Limited (Mordhar-II Bauxite Mine) for Area-2.07 ha. vide letter no. MCR1580/(O-52)/400-CHH dated 07.04.1981.

Both leases were granted for the period of 20 years and Company has applied for renewal to the State Government on 30.04.1998 and on 05.06.2000.

The mine lease has been extended up to 31.03.2030 (Are-6.3737 ha.) and 04.10.2031 (Area-2.07 ha.) as per Section 8A (5) of the MMDR Amendment Act, 2015.

Method of Mining & Mining Plan Details:

Mining Plan detail-

Mordhar-I Bauxite Mine (Area-6.3737 ha.)

The Mining Plan was approved by Regional Controller of Mines, Indian Bureau of Mines, Ministry of Mines, Government of India vide letter no. 682(23)(606)/2010 MMDR (N) Uday Dated 05/02/2016 valid up to 24-10-2019.

Mordhar-II Bauxite Mine (Area-2.07 ha.)

The Mining Plan was approved by Regional Controller of Mines, Indian Bureau of Mines, Ministry of Mines, Government of India vide letter no. 682(23)(544)/2007 MMDR (N) Uday Dated 08/12/2016 valid up to 31-03-2022.

Method of Mining

The method of mining shall be opencast semi-mechanized with adoption of drilling and blasting.

Geometery of benches(Mordhar-I mine lease):-The Bauxite will be excavated by forming one bench of 4m height with bench width of 10 m and slope of 70⁰ from vertical. Ground water table exits at a maximum depth of 18 m RL and minimum depth of 12 m RL in and around the area. Ultimate pit limit would be 4.6m. Therefore, the groundwater would not be intersected.

Geometery of benches(Mordhar-II mine lease):-Width and height of the benches will be 10m and 6m. The slope of face will be maintained 70⁰ from vertical during mining operation. Ground water table exits at a maximum depth of 18 m RL and minimum depth of 12 m RL in and around the area. Ultimate pit limit would be 6m. Therefore, the groundwater would not be intersected.

Blasting details:-The mining will be done by semi mechanized open cast mining method with the use of excavator and tippers. The Bauxite zone is soft and compact therefore 20% of bauxite zone required drilling and blasting. Drilling and blasting will be done with the help of jack hammer and portable compressor. The broad parameters are as under:-

S.No	Particulars	Mordhar I mine lease	Mordhar II mine lease
1)	Spacing	1.0 m	1.0 m
2)	Burden	1.0 m	1.0 m
3)	Depth	1.2 m	1.5 m
4)	Diameter of hole	32 mm	32 mm
5)	Explosive per wise	0.375kg	0.250kg
6)	Power factor	07 MT/ kg	07 MT/ kg
7)	No. of holes blasted per round	10 holes as per round	10 holes as per round

8)	Maximum hole blasted per day	10 holes in one round only.	10 holes in one round only.
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The blasted material from the Bauxite horizon will be broken and sorted manually.

Waste details:-

As per approved mine plan, the OB is likely to be generated during scheme period will be nil. Soil generated will be utilized for backfilling. The waste that is likely to be generated will be in the form of associated clay with the bauxite horizon as mineral waste which is below the threshold grade, which has no sale value. That will be backfilled in mined out pits. High grade bauxite from the mine will be used in OAL's manufacturing unit at Porbandar, while low grade will be sold to local consumers only after getting permission from Government of Gujarat.

As per MOEF&CC Office Memorandum F. No. 22-34/2018-IA-III dated 16 January, 2020, at the end of the mining lease period, the soil will be brought from outside and filled in the level, thereby making the condition suitable for re-growth flora, fauna and fodder.

MORDHAR- I (AREA-6.3737 ha.)										
Year	Formation of mined out voids			Volume of waste		Mineral waste in M3 (g)	Volume of filling material in m3 (h)	Extent of Backfilling		
	In m2 (b)	In m3 (c)	Av. dept h in m (d)	Soil in m3 (e)	Loosen ed OB in M3 (f)			Total backfilling material in m3 (i)	Area to be backfilled (i)	Average height of backfilling (k)
I	1080	12648	4.6	648	842	2400	2400	32424	705	4.6
II	2542	13523	4.6	1525	1983	2400	4383	4383	953	4.6
III	3000	13800	4.6	1800	2340	2400	4740	4740	1030	4.6
IV	1500	6900	4.6	900	1170	1200	2370	2370	515	4.6
TOTAL	8122	46871	4.6	4873	6335	8400	13893	43917	3203	4.6

MORDHAR- II (AREA-2.07 ha.)										
Year	Formation of mined out voids			Volume of waste		Mineral waste in M3 (g)	Volume of filling material in m3 (h)	Extent of Backfilling		
	In m2 (b)	In m3 (c)	Av. depth in m (d)	Soil in m3 (e)	Loosened OB in M3 (f)			Total backfilling material in m3(i)	Area to be backfilled (i)	Average height of backfilling (k)
I	599	3594	6	599	779	467	1246	1246	208	6

II	1010	3522	6	164	213	458	671	671	112	6
III	973	3489	6	190	247	454	701	701	117	6
IV	1183	3549	6	..	-	461	461	461	77	6
V	597	3582	6	597	776	466	1242	1242	207	6
TOTAL	4362	17736	6	1550	2015	2306	4321	4321	720	6

Water Requirement: Total water requirement is 51.73 KLD (3.55 KLD (Drinking & Domestic Uses) + 0.3 KLD (Plantation) + 47.88 KLD (Dust Suppression). Water will be procured from nearby village and transported through mobile water tankers.

Green Belt: Total area of green belt to be developed would be 33% of mine lease and their surrounding area. As the mine lease area is 8.4437 Ha so plantation would be around 2.7864 Ha.

Land Use Planning

Existing and Proposed Land Use for Mordhar-I Mining Lease

Mordhar-I				
S.No.	Details of land use	Existing area (Ha)	Additional requirement during Plan period (Ha)	Total Area (Ha)
1	Area under mining	0.814	0.8122	1.6262
2	Storage for top soil	0	0	0
3	Overburden/mineral stack/dumping	0.05	0	0.05
4	workshop	0.005	0	0.005
5	Infrastructure	0	0	0
6	Roads	0.012	0	0.012
7	Township	0	0	0
8	Others (to specify, plantation)	0.01	0.04	0.05
Grand Total		0.891	0.8522	1.7432

Existing and Proposed Land Use for Mordhar-II Mining Lease

Mordhar-II				
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S.No.	Details of land use	Existing area (Ha)	Additional requirement during Plan period (Ha)	Total Area (Ha)
1	Area under mining	0.8572	0.155	1.0122
2	Storage for top soil	0	0	0
3	Overburden/mineral stack/dumping	0	0	0
4	Mineral storage	0.02	0	0.02
5	Infrastructure	0.008	0	0.008
6	Roads	0.02	0	0.02
7	Township	0	0	0
8	Others (to specify, plantation)	0.0225	0.025	0.0475
Grand Total		0.9277	0.18	1.1077

Other Waste Generation, if any:-The waste that is likely to be generated will be in the form of associated clay with the bauxite horizon as mineral waste which is below the threshold grade, which has no sale value. That will be backfilled in mined out pits. Domestic waste water will be treated into septic tank followed by soak pit. Biodegradable waste such as food waste will be disposed in an area within the mine lease for composting purposes.

Land Use (Forest/Agricultural/Waste): No protected/ forest area is involved as the proposed lease area is a Non-Forest Government waste land.

Details of past production since inception of mine authenticated by DMG

Past production details			
Sr. No.	Year	Mordhar-I Bauxite Mine (Area-6.3737 ha.)	Mordhar-II Bauxite Mine (Area-2.07 ha.)
1	2006-07	6831.240	1377.390
2	2007-08	8355.000	10759.810
3	2008-09	15700.000	10183.200
4	2009-10	1200.000	7004.400
5	2010-11	4016.020	5879.620
6	2011-12	1384.520	1271.450
7	2012-13	8500.000	3200.000

8	2013-14	10364.720	5248.560
9	2014-15	13221.000	123772.000
10	2015-16	6526.000	2100.000
11	2016-17	0	0
12	2017-18	0	0
13	2018-19	0	0
14	2019-20	0	0
15	2020-21 (Up to till date)	0	0

Applicability of General Condition:The project is located at distance of 4.96 km from Marine Sanctuary & 3.40 km. from the ESZ of Marine Sanctuary therefore, the project attracts general condition.

Project Cost & Employment: The cost of the project is.58.43 lakhs. Approx 47 people will be employed directly from the nearby villages for the proposed mining project.

Affidavit for SC Order 2.08.2017:Affidavit and undertaking is already submitted with the proposal.

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

Proponent requested to defer the proposal.

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

After detailed presentation by the PP, EAC observed that PP has made single application for Environment Clearance having two adjacent mine leases (Mordhar-I Bauxite Mine) for Area-6.3737 ha &Mordhar-II Bauxite Mine for Area-2.07 ha). PP informed that the mine lease has been extended up to 31.03.2030 (Are-6.3737 ha.) and 04.10.2031 (Area-2.07 ha.) as per Section 8A (5) of the MMDR Amendment Act, 2015.

EAC noted that as per the provision, EC is granted to the individual leases not to the combined leases. EAC therefore advised PP to either submit the separate application or get their leases amalgamated by the mining department. EAC advised PP to submit their views within two days. PP vide letter dated 30.01.2021 informed that they would like the separation of two leases and appraisal of Mordhar I at EAC and appraisal of Mordhar II at SEIAA, Gujarat as distance of Mordhar II is 5.180 km from Marine National Park. PP informed that Mordhar I lease is 4.960 km from the Marinre National Park and both leases are outside the ESZ of marine national Park.

EAC after detailed deliberation **recommended to defer the proposal for want of following information:**

1. Revised Form 1, PFR and affidavit for Mordhar I lease shall be submitted.

2. Letter from the Chief Wildlife Warden regarding distances of mining leases from the boundary of Marine National Park and its ESZ.

42.4.6. Manganese Ore mine (ML Area 23.99 Ha) for Production of 2,000 TPA in Survey. No. 42, 45, 38/P, 44/P (Ghotkuri) & 88 (Guda) of Tamsi and Jaianath Mandals, Adilabad District, Telangana by M/s Aditya Minerals Private Limited - Terms of Reference Proposal No. IA/TG/MIN/74113/2018 and File No.23-250/2018-IA.III (V)

Observations and recommendations of committee of 13th EAC meeting held on 18th-20th September 2018

Project proponent did not attend the meeting.

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

EAC observed that proposal was listed earlier for appraisal, however, PP did not attend the meeting. This time again 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.

42.4.7. Sri K. Janardhana Naidu, mining Quartzite (M.L. Area 45.00 ha) located at Sy. No.21 of Peddamarika, Sy. No.179 of Ravikona-Battivalsa and Sy. No.2 of Gangamambapuram, Mandal Parvathipuram, District Vizianagaram, Andhra Pradesh - Terms of Reference Proposal No. IA/AP/MIN/74495/2018 and File No. 23-262/2018-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.

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

EAC observed that proposal was listed earlier for appraisal, however, PP did not attend the meeting. This time again 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.

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