



**MINUTES OF THE 237th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON – 03rd & 04th January, 2024 AT VIJAYAWADA, A.P.**

237th SEAC, A.P.

Day -1

03.01.2024.



सत्यमेव जयते

**MINUTES OF THE 237th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC),
ANDHRA PRADESH HELD ON 03.01.2024, AT VIJAYAWADA A.P.**

**Member Secretary
SEAC**

**Chairman
SEAC**



**MINUTES OF THE 237th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
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Present: The following members were present. (Through hybrid mode Conference)

1.	Dr.G.V.R.Srinivasa Rao, Professor, Civil Engineering Department, Andhra University, Visakhapatnam	Chairperson
2.	Dr. Dinesh Sankar Reddy. Registrar(I/C), Professor of Chemical Engineering, NIT, Tadepalligudem, West Godavari	Member
3.	Prof. G. Gnana Mani, Retd., Professor of Zoology, Andhra University, Visakhapatnam.	Member
4.	Sri Matli. Chandra Sekhar Professor, Head of Department of Civil Engineering, NIT, Warangal.	Member
5.	Prof. C. Sasidhar, Professor, Civil Engineering Dept, JNTU, Anantapur	Member
6.	Prof. N. Siva Prasad Reddy, Director (Academics), Brindavan Institute of Technology & Science, Kurnool	Member
7.	Prof. K. Thyaga Raju, Professor, Department of Biochemistry, S.V. University, Tirupati.	Member
8.	Dr. M. Sunandana Reddy, Associate Professor, RGM College of Engineering & Technology (Autonomous), Nandyal.	Member
9.	Dr. Kiranmai, Assistant Professor, Dept. of Biotechnology, Vikrama Simhapuri University, Nellore, SPSR Nellore District	Member
10.	Prof. D. Bharathi, Professor, Dept. of Bio Sciences & Sericulture, Sri Padmavathi Mahila Viswa Vidhyalayam, Tirupati	Member
11.	Dr. G. Madhavi, Associate Professor, Department of Chemistry, Sri Venkateswara University, Tirupati	Member
12.	Dr. Gummalla Prasanthi, Professor, Vijaya Institute of Pharmaceutical Sciences, Vijayawada	Member
13.	Prof. U. Shameem. Chairman, Dept. of Zoology, Andhra University, Visakhapatnam	Member
14.	Sri. N. V Bhaskara Rao, Chief Environmental Engineer, Andhra Pradesh Pollution Control Board. Vijayawada.	Member Secretary.

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Agenda Item No: 237.01	1.230 Ha Mining of Dolomite and Clay (Others) of Sri S. Sudhakar, Sy.No.643/1A, 643/1C (Patta Land) of Kommemarri Village, Peapully Mandal, Kurnool District – Environmental Clearance - Reg.
SIA/AP/MIN /446431/20 23	<p>Category: B2 (Minor mineral)</p> <p>The proposed project is for mining of Dolomite and Clay (Others) in an area of 1.230 Ha. with a proposed production quantity of Dolomite - 11,687 TPA & Clay (Others) - 3,339 TPA with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The project proponent and their consultant, M/s. Ampl Environ Private Limited have attended the meeting and presented their proposal. The SEAC Committee noted that:</p> <ol style="list-style-type: none">The project proponent informed that the mineral content is not available in the nearby village in DSR of Kurnool District. Hence, the project proponent submitted letter issued by Divisional Mines & Geology Officer (FAC), Banaganapalle dated 04.09.2023 with regard to the confirmation of minerals of Dolomite and Clay (others) in the subject mine lease area of Sri S Sudhar over an extent of 1.059 Hectares in Sy No.643/1A & 643/1C (Patta Land) of Kommemarri village, Peapully Mandal.The Department of Mines and Geology vide order dt. 05.05.2023 issued LoI to the subject mine for a period of 20 years subject to submission of Approved Mining Plan, EC and CFE within a period of 1 year from the date of issue of LoI.As per the cluster letter dated: 04.09.2023 issued by the District Mines & Geology officer (FAC), Banaganapalli, there are 03 existing quarry leases within the radius of 500 mtrs area and the total applicable cluster area is < 5.0 Ha.As per the approved mining plan dt. 25.08.2023, the total provided mineral reserves are 2,39,482 Tons of Dolomite and 68,423 Tons of Clay (Others). The proponent proposed to excavate Dolomite - 11,687 TPA & Clay (Others) - 3,339 TPA. The Life of the mine is 20 years.The Jaladurgam Reserve Forest is existing at a distance about 178 meters to the subject mine and the project proponent submitted Forest NOC dated 17.06.2021 issued by the District Forest Officer, Kurnool.The subject lease area is a Patta land and the Tahsildar Peapully vide letter dated 22.01.2018 issued NOC to the subject mine.The Divisional Mines & Geology officer (FAC), Banaganapalle vide letter dt. 03.01.2024 informed that before purchase the land by the S. Sudhakar there is a one pit in Sy No. 643/1A and material has been utilized by villagers for the purpose of Roads and the applicant Sri. S. Sudhakar has no way connected to the pit.The project proponent informed that they have allocated Rs. 7.04 Lakhs as capital cost and Rs. 4.35 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide 4 nos. of Solar Street Lights and Two computers, Furniture and Sports kits to Kommemarri village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine. <p>The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs and detailed deliberations, recommended to issue Environmental</p>

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	<p>Clearance for mining of Dolomite - 11,687 TPA & Clay (Others) - 3,339 TPA with following conditions:</p> <ol style="list-style-type: none">1. The project proponent shall comply with the proposals furnished in the Environmental management plan2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose.8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.9. The project proponent shall not disturb surrounding agricultural lands.10. The project proponent shall comply conditions stipulated in the Forest NOC.11. The project proponent shall restrict the load of the transport vehicles not more than 21 tons to avoid road damages and dust nuisance to surroundings.
Agenda Item No: 237.02	7.046 Ha Mining of Colour Granite of Sri Akram Pasha, Sy. No: 691/Part, Madanapalli Village, Madanapalli Mandal, Annamayya District (Erstwhile Chittoor District) – Environmental Clearance - Reg.
SIA/AP/MIN /447092/20 23	<p>Category: B2 at par with B1.</p> <p>The proposed project is for mining of Colour Granite in an area of 7.046 Ha with a proposed production capacity of Colour Granite –9009 m³ /Annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The representative of the project proponent and their consultant M/s. SV Enviro Labs & Consultants, have attended the meeting and presented the case. The SEAC committee noted that:</p> <ol style="list-style-type: none">a) The Department of Mines and Geology submitted DSR of Annamayya District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine (mentioned at S. No. 34 of Page No.86 of DSR Report). The same details were also available in DSR 2023 which is under process at SEIAA for approval.b) The Department of Mines and Geology vide order dt. 15.03.2021 issued LoI to the subject mine for a period of 20 years subject to submission of Approved Mining Plan, EC and CFE.c) As per the approved mining plan dt: 22.07.2021 the total provided mineral reserves are 17,79,859 m³. The proponent proposed to excavate Colour Granite –9009 m³ /Annum (average production). The Life of the mine is 197.0 years.d) The project proponent has obtained Standard TOR on 25.02.2022 and the with public hearing on 23.08.2023.e) Public Hearing details: The dust nuisance, crop damages and road damages are the main issues raised in the public hearing and the committee noted that villagers are mainly raised

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issues regarding road damages and dust nuisance. Hence, the committee directed the project proponent to transport minerals through 21 tons capacity of tippers to avoid road damages and dust nuisance to surroundings.

- f) Reply of the proponent during the public hearing is as follows: Sri Mohammad Rafi Representative of the proposed mining project, stated that the mining lease for the proposed mining project in Kotavaripalli is yet to be granted and the proponent has applied for Environmental Clearance. He informed the gathering that the concerns of the villagers regarding dust nuisance and plantation will be addressed by project management by carrying out water sprinkling through tractors on the road and plantation on either side of the road to avoid inconvenience to the villagers. He stated that the management will spend CSR funds as per the norms for safety of workers, develop the village temple, will provide employment opportunities to skill and unskilled persons in the village by imparting skill development.
- g) The base line data was collected from March, 2022 to May, 2022 and the predominant wind direction is observed to be East to West. The maximum concentration of SPM (PM₁₀) is observed to be 69.4 µg/m³. The incremental concentration is 3.33 µg/m³ and GLC of SPM will fall at a distance of 0.82Km towards West direction from the mine lease area.
- h) The Madanakonda Reserve Forest is existing at a distance about 140 meters to the subject mine and the project proponent submitted Forest NOC dated 11.01.2022 issued by the District Forest Officer, Chittoor.
- i) The committee noted that the subject mine lease is on the top of the hill and there is no provision for disposal of granite waste in proposed mine lease area. Hence, the committee directed the project proponent to procure 2.0 Ha of additional land for waste disposal.
- j) The committee noted that there is a valley existing towards southern side of the proposed mine lease area and Slope of the valley towards the canal side. Hence, the committee directed the project proponent to construct trench with rocky bund on southern side and to provide check dam at the junction.
- k) The committee noted that a canal is passing towards eastern side. Hence, the committee directed the project proponent that they shall not use canal bund road for mineral transportation.
- l) The project proponent allocated Rs. 10.3 Lakhs as capital cost and Rs. 6.99 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to Water treatment Plant to the Madanapalli as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.

The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs EIA Report, Public Hearing minutes, and detailed deliberations, recommended **to issue** Environmental Clearance for mining of Colour Granite -9009 m³ /Annum with following conditions:

1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA.
2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.
3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.
4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.
5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.
7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose.
8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.

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	<p>9. The project proponent shall pay suitable compensations for surrounding agricultural lands as per the norms.</p> <p>10. The project proponent shall maintain village roads along with the cluster partners.</p> <p>11. The project proponent shall comply with the commitments & promises made/given in the public hearing.</p> <p>12. The project proponent shall comply conditions stipulated in the Forest NOC.</p> <p>13. The project proponent shall procure 2.0 Ha of additional land for waste disposal.</p> <p>14. The project proponent shall construct trench with rocky bund on southern side and to provide check dam at the junction.</p> <p>15. The project proponent shall restrict the load of the transport vehicles not more than 21 tons to avoid road damages and dust nuisance to surroundings.</p>
Agenda Item No: 237.03	0.823 Ha Mining of Fire Clay, Morrums/Gravel and Ordinary Earth of Sri Konda Babji, at Sy. No. 537/2 & 537/3 of Kadiyam Village, Kadiyam Mandal, East Godavari District – Environmental Clearance – Reg.
SIA/AP/MIN /447157/20 23	<p>Category: B2 (Minor mineral)</p> <p>The proposed project is for mining of Fire Clay, Morrums / Gravel and Ordinary Earth in an area of 0.823 Ha. with a proposed production quantity of Morrums / Gravel and Ordinary Earth – 1368 m³ /Annum & Fire Clay – 9871 m³ /Annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The project proponent and their consultant, M/s. Pollucare Engineers India Private Limited have attended the meeting and presented their proposal. The SEAC Committee noted that:</p> <p>a) The Department of Mines and Geology submitted DSR of East Godavari District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine (mentioned at S. No. 72 to 90 of Page No.127 of DSR Report). The same details were also available in DSR 2023 which is under process at SEIAA for approval.</p> <p>b) The Department of Mines and Geology vide order dt. 17.07.2023 issued LoI to subject mine for a period of 20 years, subject to submission of Approved Mining Plan, EC and CFE within a period of 3 years from the date of issue of LoI.</p> <p>c) As per the cluster letter dated: 15.09.2023 issued by the District Mines & Geology officer, Rajamahendravaram, there are 04 existing quarry leases issued mines within the radius of 500 mtrs area. The total applicable cluster area is <5.0 Ha.</p> <p>d) As per the approved mining plan dt. 05.09.2023, the total provided mineral reserves are 6,880 Tons of Gravel and 49,430 Tons of Fire Clay. The proponent proposed to excavate Gravel – 1368 m³ /Annum & Fire Clay – 9871 m³ /Annum. The Life of the mine is 29.63 years.</p> <p>e) The committee noted that Railway track is passing at a distance of 35 meters to the subject mine and the project proponent submitted modified mining plan by leaving 100 mts (0.5313 Ha) non-mining zone from railway track.</p> <p>f) The committee noted that proposed mineral is a Gravel and directed the project proponent to take effective dust suppression measures as the railway track is nearby to the subject mine.</p> <p>g) The project proponent informed that they will generate waste (top soil) from the mining operations and informed they will dump the mineral waste (top soil) at their own private land existing nearby the mine lease area.</p>

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	<p>h) The committee noted that High tension lines are existing at a distance of about 50 meters. Hence, the committee directed the project proponent to carry out mining activity as per the DGMS rules and regulations.</p> <p>i) The project proponent informed that they have allocated Rs. 6.70 Lakhs as capital cost and Rs. 2.45 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant to Razole village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.</p> <p>The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs and detailed deliberations, recommended to issue Environmental Clearance for mining of Morrur / Gravel and Ordinary Earth – 1368 m³ /Annum & Fire Clay – 9871 m³/Annum with following conditions:</p> <ol style="list-style-type: none">1. The proponent shall comply with the proposals furnished in the Environmental management plan2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose.8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.9. The project proponent shall not disturb surrounding agricultural lands.10. The Project proponent shall carry out mining activity as per the DGMS rules and regulations.11. The project proponent shall provide Display Board at project site indicating the non-mining zone details.12. The project proponent shall maintain 0.5313 Ha as non-mining zone towards the railway track to comply with orders of the Hon'ble NGT in OA No. 304/2019.13. The project proponent shall restrict the load of the transport vehicles not more than 21 tons to avoid road damages and dust nuisance to surroundings.
Agenda Item No: 237.04	0.598 Ha. Mining of Colour Granite of M/s. Sri Srinivasa Granites, Sy.No: 103/P (USH) Konidena Village, Balli Kurava Mandal, Bapatla District (Erstwhile Prakasam District), - EC -EIA – Reg.
SIA/AP/MIN /447254/20 23	<p>Category: B2 at par with B1.</p> <p>The proposed project is for mining of Colour Granite in an area of 0.598 Ha with a proposed production capacity of Colour Granite –576 m³ /Annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (\leq250 ha of mining lease area in respect of non-coal mine lease).</p>

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The representative of the project proponent and their consultant M/s. SV Enviro Labs & Consultants, have attended the meeting and presented the case. The SEAC committee noted that:

- a) The Department of Mines and Geology submitted DSR of Bapatla District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine (mentioned at S. No. 17 of Page No.119 of DSR Report). The same details were also available in DSR 2023 which is under process at SEIAA for approval
- b) The Department of Mines and Geology vide order dt. 03.01.2021 issued LoI to the subject mine the subject mine for a period of 20 years subject to submission of Approved Mining Plan, EC and CFE.
- c) As per the approved mining plan dt: 07.05.2022 the total provided mineral reserves are 18050 m³. The proponent proposed to excavate Colour Granite –576 m³ /Annum (average production). The Life of the mine is 31 years.
- d) The project proponent has obtained Standard TOR on 03.03.2023 and the with public hearing on 26.05.2023.
- e) Public Hearing details: employment issues, DMF&CSR funds issues, greenbelt development, road damages, dust nuisance and water sprinkling are the main issues raised in the public hearing. Hence, the committee directed the project proponent to restrict transport minerals through 21 tons capacity of tippers to avoid road damages and dust nuisance to surroundings.
- f) Reply of the proponent during the public hearing is as follows: Sri G Tirupathi Reddy, Mine Agent, authorized by the Managing Partner: He has given assurance that the mining will be carried out duly following all the Mines Rules & Environmental norms. He assured that they will be sure to follow the suggestions of the villagers. He informed that they provided a training center and providing training to the workers, and engaged a tractor for regular water sprinkling on the roads. He assured that, if necessary, they will provide one more tanker for water sprinkling, and they will be sure to follow all the suggestions and will carry out the mining operations.
- g) The base line data was collected from December, 2022 to February, 2023 and the predominant wind direction is observed to be South East to North West. The maximum concentration of SPM(PM₁₀) is observed to be 68.5 µg/m³. The incremental concentration is 1.55 µg/m³ and GLC of SPM will fall at a distance of 0.97 KM towards North west direction from the mine lease area.
- h) The committee noted that the subject mine lease is on the Slope of the hill and there is no provision for dumping the granite waste in lease area. Hence, the committee directed the project proponent to procure 0.5 acre of additional land for granite waste disposal.
- i) The project proponent allocated Rs. 5.7 Lakhs as capital cost and Rs. 3.74 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide mini ambulance to the Konidena PHC as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.

The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs EIA Report, Public Hearing minutes, and detailed deliberations, recommended to **issue** Environmental Clearance for mining of Colour Granite –576 m³/Annum with following conditions:

1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA.
2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.
3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.
4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.

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	<ol style="list-style-type: none">5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose.8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.9. The project proponent shall pay suitable compensations for surrounding agricultural lands as per the norms.10. The project proponent shall maintain village roads along with the cluster partners.11. The project proponent shall comply with the commitments & promises made/given in the public hearing.12. The project proponent shall procure 0.5 acre of additional land for waste disposal.13. The project proponent shall restrict the load of the transport vehicles not more than 21 tons to avoid road damages and dust nuisance to surroundings.
Agenda Item No: 237.05	2.080 Ha Mining of Limestone Slabs (Black) of Sri C. Narayana Reddy, Sy. No: 333/3 & 333/2A Part of Sunkesula Village, Owk Mandal, Nandyal District (Formerly Kurnool District) – EC - Reg.
SIA/AP/MIN /445248/2023	<p>Category: B2 at par with B1.</p> <p>The proposed project is for mining of Limestone Slabs (Black) in an area of 2.080 Ha with a proposed production capacity of Limestone Slabs (Black) – 10,193 TPA with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The representative of the project proponent and their consultant M/s. SV Enviro Labs & Consultants, have attended the meeting and presented the case. The SEAC committee noted that:</p> <ol style="list-style-type: none">a) The Department of Mines and Geology submitted DSR of Nandyal District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine (mentioned at Paragraph 2.3 of Page No.63 of DSR Report). The same details were also available in DSR 2023 which is under process at SEIAA for approval.b) The Department of Mines and Geology vide order dt. 07.09.2023 issued extension of LoI to the subject mine for a period of 10 years subject to submission of Approved Mining Plan, EC and CFE.c) As per the approved mining plan dt:04.11.2020, the total provided mineral reserves are 1,20,498 m³. The proponent proposed to excavate Limestone Slabs (Black) – 10,193 TPA. The Life of the mine is 12.0 years.d) The project proponent has obtained TOR with public hearing on 30.08.2022 and Public Hearing held on 17.06.2023.e) Public Hearing details: Requested water treatment plant, lease issues, court issues and road development issues raised during the public hearing.f) Reply of the proponent during the public hearing is as follows: Narayana Reddy, Proponent informed that his family has worked three terms as sarpanch in the village and served the village in all possible ways. He expressed that he is not doing any illegal activity. To carryout mining legally in proposed lease area, he has applied for mine lease as per govt norms and govt has granted him lease by following all their conditions. He informed that he is required Environmental Clearance for further process, till now he is following all process even it is taking time only in the interest of not doing illegal mining. He expressed that he don't have any odd feelings or grudges on anyone. He informed that he will support local villagers and

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	<p>help for village development with the money he will get through mining. He also informed that he will provide drinking water facility in the village.</p> <p>g) The Chikati Ramudu has filed petition in Hon'ble High court vide W.P.No. 19102 of 2020 & W.P.No. 17012 of 2023 against Mines and Geology Department and Chilakala Narayana Reddy and both are disposed by common order dated 21.09.2023.</p> <p>h) The base line data was collected from March, 2022 to May, 2022 and the predominant wind direction is observed to be North East to South West. The maximum concentration of SPM is observed to be 72.4 µg/m³. The incremental concentration is 1.68 µg/m³ and GLC of SPM will fall at a distance of 0.87 Km towards South West direction from the mine lease area.</p> <p>i) The committee noted that the proposed mine lease area is existing in-between two canals. Hence, the committee directed the project proponent that they shall not use canal bund road for mineral transportation purpose and also directed to take all dust suppression measures to avoid falling of dust particularly in canals.</p> <p>j) The project proponent allocated Rs. 6.9 Lakhs as capital cost and Rs. 4.86 Lakhs as a recurring cost budget for the EMP. The proponent Water Treatment plant to the Sunkesula PHC as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.</p> <p>The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs EIA Report, Public Hearing minutes, and detailed deliberations, recommended to issue Environmental Clearance for mining of Limestone Slabs (Black) – 10,193 TPA with following conditions:</p> <ol style="list-style-type: none">1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA.2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose.8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.9. The project proponent shall pay suitable compensations for surrounding agricultural lands as per the norms.10. The project proponent shall maintain village roads along with the cluster partners.11. The project proponent shall restrict the load of the transport vehicles not more than 21 tons to avoid road damages and dust nuisance to surroundings.
Agenda Item No. 237.06	2.0 Ha Mining of Road metal & Building stone of Sri G. Mallikarjuna Naidu at Sy.No.210 of Thangellapalem Village, Thottembedu Mandal, Tirupathi (Formerly Chittoor District) District – EC – EIA - Reg.
SIA/AP/MIN /457085/20 23	Category: B2 at par with B1. The proposed project is for mining of Road metal & Building stone in an area of 2.0 Ha with a proposed production capacity of Road metal & Building stone – 24,790 m ³ /annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.

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**Chairman
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The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).

The representative of the project proponent and their consultant M/s. SV Enviro Labs & Consultants, have attended the meeting and presented the case. The SEAC committee noted that:

- a) The Department of Mines and Geology submitted DSR of Tirupathi District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine (mentioned at Paragraph 2.3 of Page No.77 of DSR Report). The same details were also available in DSR 2023 which is under process at SEIAA for approval.
- b) The Department of Mines and Geology vide order dt. 16.06.2023 issued extension of LoI to the subject mine for a period of 10 years subject to submission of Approved Mining Plan, EC and CFE.
- c) As per the approved mining plan dt:19.11.2022, the total provided mineral reserves are 4,95,021 m³. The proponent proposed to excavate Road metal & Building stone – 24,790 m³/annum. The Life of the mine is 20.0 years.
- d) The project proponent has obtained Violation TOR with public hearing on 25.01.2023 and Public Hearing held on 03.05.2023.
- e) Public Hearing details: There are no specific issues raised in during the public hearing.
- f) Reply of the proponent during the public hearing is as follows: Sri M Mallikarjuna Naidu Managing Partner informed to the public that, he is in this business for the last 30 years and further informed that, he is not establishing any new mines and only renewing the mining leases of existing mines with a requirement of Environmental Clearance. He further informed that, he already developed 10,000 nos of trees at the mine lease area and assured to the public of supplying of drinking water at surrounding villages and also will extend his cooperation for developmental works at surrounding villages.
- g) The base line data was collected from Nov, 2022 to Jan, 2023 and the predominant wind direction is observed to be North West to South East. The maximum concentration of SPM is observed to be 67.3 $\mu\text{g}/\text{m}^3$. The incremental concentration is 3.75 $\mu\text{g}/\text{m}^3$ and GLC of SPM will falls within mine lease area.
- h) The committee noted that Telugu Ganga Canal is at a distance about 300 meters on eastern side. Hence, the committee directed the Project proponent that they shall not use canal bund road for mineral transportation purpose and also directed to take dust suppression to avoid falling of dust particulars in canal.
- i) The project proponent allocated Rs. 6.9 Lakhs as capital cost and Rs. 5.32 Lakhs as a recurring cost budget for the EMP. The project proponent shall provide adequate funds to the Thangellapalem PHC as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.
- j) S.O No 804 dt 14.03.2017 compliance:
 - Credible action was initiated vide CC No 719/2023 in the court of Junior Civil courts of Sri Kalahasti.
 - The project proponent submitted undertaking on 24.11.2022 stating that the violation will not be repeated.
 - The project proponent has submitted remediation and resource augmentation plan with a cost of Rs 1,58,840/-and also uploaded the acknowledged BG submitted at APPCB, Regional office, Tirupathi on 17.07.2023.
 - The project proponent has submitted production dispatch letter issued by ADMG Chittoor vide letter dt. 28.02.2023.
 - The Penalty was calculated in compliance with SOP issued by MoEF&CC, GoI vide OM dt. 07.07.2021 and the details is as follows:

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Project cost in Rs.	Total production during violation period as reported by mining department letter dt. 28.02.2023	Turnover during violation period in Rs as reported by the mining department vide letter dt. 28.02.2023	1% of project cost in Rs	0.25 % of turn over during violation period in Rs.	Total penalty amount to be levied as per OM 07.07.2021 in Rs
Rs 35 lakhs	Mining Road metal & Building stone 40604 Cum	Rs. 78,23,325/-	Rs 35,000/-	Rs. 19,558/-	Rs. 54,558/-

k) The project proponent has uploaded the acknowledged payment of penalty amount of Rs. 54,558/- at APPCB, Board Office, Vijayawada on 19.12.2023.

The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs EIA Report, Public Hearing minutes, and detailed deliberations, recommended **to issue** Environmental Clearance for mining of Road metal & Building stone – 24,790 m³/annum with following conditions:

1. The project proponent shall comply with the proposals furnished in the Environmental management plan and EIA.
2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.
3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.
4. The project proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.
5. The project proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.
6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.
7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose.
8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.
9. The project proponent shall pay suitable compensations for surrounding agricultural lands as per the norms.
10. The project proponent shall maintain village roads along with the cluster partners.
11. The project proponent shall comply with the commitments & promises made/given in the public hearing.
12. The project proponent shall restrict the load of the transport vehicles not more than 21 tons to avoid road damages and dust nuisance to surroundings.

Agenda Item No: 237.07	5.87 Ha Mining of Road metal of M/s Srinu Constructions at Sy. No: 1/P Mulagapudi Village, Rowthulapudi Mandal, Kakinada District- TOR - Reg.
SIA/AP/MIN /455991/20 23	Category: B2 at par with B1 (Minor Mineral). The proposed project is for mining of Road metal in an area of 5.87 Ha. of production capacity of Road Metal – 3,00,000 m ³ /Annum with a condition that total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan. The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).

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	<p>The project proponent and their consultant, M/s SV Enviro Labs & Consultants have attended the meeting and presented the proposal. The committee noted that:</p> <ol style="list-style-type: none">The Department of Mines and Geology submitted DSR of Kakinada District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine (mentioned at S No.2 & 3 of Page No.66 of DSR Report). The same details were also available in DSR 2023 which is under process at SEIAA for approval.The Department of Mines and Geology vide order dt. 23.09.2023 issued Letter of Intent (LOI) to the subject mine, for a period of 10 years subject to submission of Approved Mining Plan, EC and CFE within a period of 03 years from the date of issue of LoI.As per the cluster Letter dated: 15.11.2023 issued by the District Mines & Geology Officer, Kakinada, there are 14 existing quarry leases within the radius of 500 mtrs area. The total applicable cluster area is > 5.0 Ha.As per the approved mining plan dt. 14.11.2023, the total provided mineral reserves are 28,97,145 m³ and proponent proposed to excavate Road Metal – 3,00,000 m³/Annum. The Life of the mine lease is 10 years.The committee noted the extensive plantation is prevailing in the subject mine lease area and hence, the committee directed the project proponent to prepare tree enumeration plan. <p>The Committee after examining the project proposals, presentations, MoEF&CC Notifications & OMs and detailed deliberations, recommended to issue Standard Terms of Reference with public hearing for mining of Road Metal – 3,00,000 m³/annum and with following additional conditions:</p> <ol style="list-style-type: none">The project proponent shall prepare Cluster EIA & EMP.The project proponent shall submit plan for mineral transportation from the lease area.The project proponent shall submit a granite waste management plan.The project proponent shall prepare tree enumeration plan.
Agenda Item: 237.08	22.0 Ha Mining of Silica Sand and Quartzite of M/s Shiridi Sai Electricals Limited at Survey No. 384/P, Bannuru Village, Midutuhuru Mandal, Kurnool District – TOR - Reg.
SIA/AP/MIN /454797/20 23	<p>Category: B2 at par with B1 (Minor Mineral).</p> <p>The proposed project is for mining of Silica Sand and Quartzite in an area of 22.0 Ha. of production capacity of Quartzite @ 1,59,975 TPA with a condition that total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The project proponent and their consultant, M/s Team Labs & Consultants have attended the meeting and presented the proposal. The committee noted that:</p> <ol style="list-style-type: none">The Department of Mines and Geology submitted DSR of Kurnool District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine (mentioned at S No.470 of Page No.94 of DSR Report). The same details were also available in DSR 2023 which is under process at SEIAA for approval

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	<p>b) The Department of Mines and Geology vide order dt. 14.09.2022 issued Letter of Intent (LOI) for a period of 20 years subject to submission of Approved Mining Plan, EC and CFE within a period of 3 years from the date of issue of LoI.</p> <p>c) As per the cluster Letter dated: 01.11.2023 issued by the District Mines &Geology Officer, Kurnool there are 04 existing quarry leases within the radius of 500 mtrs area. The total applicable cluster area is > 5.0 Ha.</p> <p>d) As per the approved mining plan dt. 22.07.2023, the total provided mineral reserves are 77,78,025 Tons and proponent proposed to excavate Quartzite @ 1,59,975 TPA. The Life of the mine lease is 48 years.</p> <p>e) The committee noted that Kurnool Airport is existing at a distance about 1.2 km from the subject mine. Hence, the committee directed the project proponent to submit NOC from Airport Authority of India for carrying out the mining operations.</p> <p>The Committee after examining the project proposals, presentations, MoEF&CC Notifications & OMs and detailed deliberations, recommended to issue Standard Terms of Reference with public hearing for mining of Quartzite - 1,59,975 TPA and with following additional conditions:</p> <ol style="list-style-type: none">1. The project proponent shall prepare Cluster EIA & EMP.2. The project proponent shall submit plan for mineral transportation from the lease area.3. The project proponent shall submit a granite waste management plan.4. The project proponent shall submit NOC from Airport Authority of India for carrying out the mining operations.
Agenda Item: 237.09	18.164 Ha Mining of Quartzite of M/s Shiridi Sai Electricals Limited at Survey. No. 545/P, 546 and 587, Orvakal Village, Orvakal Mandal, Kurnool District – TOR - Reg.
SIA/AP/MIN /455169/20 23	<p>Category: B2 at par with B1 (Minor Mineral).</p> <p>The proposed project is for mining of Quartzite in an area of 18.164 Ha. of production capacity of Quartzite @ 1,19,925 TPA with a condition that total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The project proponent and their consultant, M/s Team Labs & Consultants have attended the meeting and presented the proposal. The committee noted that:</p> <ol style="list-style-type: none">a) The Department of Mines and Geology submitted DSR of Kurnool District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine (mentioned at Paragraph No.2.3 & Page No.60 of DSR Report). The same details were also available in DSR 2023 which is under process at SEIAA for approval.b) The Department of Mines and Geology vide order dt. 15.09.2023 issued Letter of Intent (LOI) for a period of 20 years subject to submission of Approved Mining Plan, EC and CFE within a period of 3 years from the date of issue of LoI.c) As per the cluster Letter dated: 01.11.2023 issued by the District Mines &Geology Officer, Kurnool, there is 01 existing quarry leases and 02 LoI issued mines within the radius of 500 mtrs area. The total applicable cluster area is > 5.0 Ha.d) As per the approved mining plan dt. 21.07.2023, the total provided mineral reserves are 77,85,000 Tons and proponent proposed to excavate Quartzite @ 1,19,925 TPA. The Life of the mine lease is 64.0 years.

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	<p>e) The committee noted that Kurnool Airport is existing at a distance about 1.0 km. Hence, the committee directed the project proponent submit NOC from Airport Authority of India for carrying out the mining operations.</p> <p>f) The committee noted that a Patta land is existing in-between the two mine leases of the project proponent i.e., 18.164 Ha. (subject mine) and 15.411 Ha (belonging to the project proponent). The committee directed the project proponent shall submit NOC from the Patta land holder for carrying out the mining operations by the project proponent in 18.164 Ha and 15.411 Ha.</p> <p>The Committee after examining the project proposals, presentations, MoEF&CC Notifications & OMs and detailed deliberations, recommended to issue Standard Terms of Reference with public hearing for mining of Quartzite - 1,19,925 TPA and with following additional conditions:</p> <ol style="list-style-type: none">1. The project proponent shall prepare Cluster EIA & EMP.2. The project proponent shall submit plan for mineral transportation from the lease area.3. The project proponent shall submit a granite waste management plan.4. The project proponent shall submit NOC from Airport Authority of India for carrying out the mining operations.5. The project proponent shall submit NOC certificate from the owner of the Patta land which is existing in-between the two mine leases of the project proponent i.e., 18.164 Ha. (subject mine) and 15.411 Ha (belonging to the project proponent).
Agenda Item: 237.10	15.411 Ha Mining of Quartzite of M/s Shiridi Sai Electricals Limited at Survey No. 533/P, Orvakal village, Orvakal Mandal, Kurnool District – TOR - Reg.
SIA/AP/MIN /455176/20 23	<p>Category: B2 at par with B1 (Minor Mineral).</p> <p>The proposed project is for mining of Quartzite in an area of 15.411 Ha. of production capacity of Quartzite @ 89,887.5 TPA with a condition that total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The project proponent and their consultant, M/s SV Enviro Labs & Consultants have attended the meeting and presented the proposal. The committee noted that:</p> <ol style="list-style-type: none">a) The Department of Mines and Geology submitted DSR of Kurnool District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine (mentioned at Paragraph No.2.3 & Page No.60 of DSR Report). The same details were also available in DSR 2023 which is under process at SEIAA for approvalb) The Department of Mines and Geology vide order dt. 15.09.2023 issued Letter of Intent (LOI) for a period of 20 years subject to submission of Approved Mining Plan, EC and CFE within a period of 3 years from the date of issue of LOI.c) As per the cluster Letter dated: 01.11.2023 issued by the District Mines &Geology Officer, Kurnool, there is 01 existing quarry lease and 2 LoI issued within the radius of 500 mtrs area. The total applicable cluster area is > 5.0 Ha.d) As per the approved mining plan dt. 22.07.2023, the total provided mineral reserves are 66,11,063 Tons and proponent proposed to excavate Quartzite @ 89,887.5 TPA. The Life of the mine lease is 73.0 years.

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	<p>e) The committee noted that a Patta land is existing in-between the two mine leases of the project proponent i.e., 15.411 Ha. (subject mine) and 18.164 Ha. (belonging to the project proponent). The committee directed the project proponent shall submit NOC from the Patta land holder for carrying out the mining operations by the project proponent in 15.411 Ha and 18.164 Ha.</p> <p>f) The committee noted that Kurnool Airport is existing at a distance about 1.2 km. Hence, the committee directed the project proponent submit NOC from Airport Authority of India for carrying out the mining operations.</p> <p>The Committee after examining the project proposals, presentations, MoEF&CC Notifications & OMs and detailed deliberations, recommended to issue Standard Terms of Reference with public hearing for mining of Quartzite - 89,887.5 TPA and with following additional conditions:</p> <ol style="list-style-type: none">1. The project proponent shall prepare Cluster EIA & EMP.2. The project proponent shall submit plan for mineral transportation from the lease area.3. The project proponent shall submit a granite waste management plan.4. The project proponent shall submit NOC from Airport Authority of India for carrying out the mining operations.5. The project proponent shall submit NOC certificate from the owner of the Patta land which is existing in-between the two mine leases of the project proponent i.e., 15.411 Ha (subject mine) and 18.164 Ha. (belonging to the project proponent).
Agenda Item No: 237.11	8.486 Ha Mining of Quartzite of M/s Shiridi Sai Electricals Limited at Survey No. 533/P, 535/2A1, Orvakal Village, Orvakal Mandal, Kurnool District – TOR - Reg.
SIA/AP/MIN /455245/20 23	<p>Category: B2 at par with B1 (Minor Mineral).</p> <p>The proposed project is for mining of Quartzite in an area of 8.486 Ha. of production capacity of Quartzite @ 76,725 TPA with a condition that total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The project proponent and their consultant, M/s TEAM Labs and Consultants have attended the meeting and presented the proposal. The committee noted that:</p> <ol style="list-style-type: none">a) The Department of Mines and Geology submitted DSR of Kurnool District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine (mentioned at Paragraph No.2.3 & Page No.60 of DSR Report). The same details were also available in DSR 2023 which is under process at SEIAA for approvalb) The Department of Mines and Geology vide order dt. 15.09.202 issued Letter of Intent (LOI) 3 for a period of 20 years subject to submission of Approved Mining Plan, EC and CFE within a period of 3 years from the date of issue of LoI.c) As per the cluster Letter dated: 01.11.2023 issued by the District Mines &Geology Officer, Kurnool, there are no existing quarry leases and 2 LoI within the radius of 500 mtrs area. The total applicable cluster area is > 5.0 Ha.d) As per the approved mining plan dt. 22.07.2023, the total provided mineral reserves are 46,51,707 Tons and proponent proposed to excavate Quartzite @ 76,725 TPA. The Life of the mine lease is 60.0 years.

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	<p>e) The committee noted that Kurnool Airport is existing at a distance about 1.8 km. Hence, the committee directed the project proponent submit NOC from Airport Authority of India for carrying out the mining operations.</p> <p>f) The committee noted that habitation is existing at distance of about 180 m towards southern direction from the subject mine and also noted there is an isolated structure is existing at a distance of about 150m towards southern direction from the subject mine. The project proponent informed that the isolated structure in southern direction is not in use and assured that they will maintain 200 meters non-mining zone from the habitation as per the orders of the Hon'ble NGT.</p> <p>g) The committee directed the project proponent to submit the photographs of the isolated structure with Geo-coordinates in southern side (about 150 meters) and also modified mining plan as per the NGT norms in O.A No. 304/2019 by leaving 200m non-mining zone from the habitation at the time of applying for EC.</p> <p>The Committee after examining the project proposals, presentations, MoEF&CC Notifications & OMs and detailed deliberations, recommended to issue Standard Terms of Reference with public hearing for mining of Quartzite - 76,725 TPA and with following additional conditions:</p> <ol style="list-style-type: none">1. The project proponent shall prepare Cluster EIA & EMP.2. The project proponent shall submit plan for mineral transportation from the lease area.3. The project proponent shall submit a granite waste management plan.4. The project proponent shall submit NOC from Airport Authority of India for carrying out the mining operations.5. The project proponent shall submit the photographs of the isolated structure with Geo-coordinates in southern side (about 150 meters) and also to submit modified mining plan as per the NGT norms in O.A No. 304/2019 by leaving 200m non-mining zone from the habitation at the time of applying for EC.
Agenda Item No: 237.12	8.710 Ha, Road metal & Building stone of Sri Sathi Venkata Sathya Narayana Reddy located at Sy.No.84 & 382, Kothapalem Village, B.N. Kandriga Mandal, Tirupathi District (Formerly Chittoor District)- Environmental Clearance – Reg.
SIA/AP/MIN /456755/20 23	<p>Category: B2 at par with B1.</p> <p>The proposed project is for mining of Road metal & Building stone in an area of 8.710 Ha with a proposed production capacity of Road Metal & Building Stone –134032 m³ /Annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The representative of the project proponent and their consultant M/s. SV Enviro Labs & Consultants, have attended the meeting and presented the case. The SEAC committee noted that:</p> <ol style="list-style-type: none">a) The Department of Mines and Geology submitted DSR of Tirupathi District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine (mentioned at paragraph No. 2.3 of Page No.77 of DSR Report). The same details were also available in DSR 2023 which is under process at SEIAA for approvalb) The Department of Mines and Geology vide order dt. 02.08.2023 issued Extension of Letter of Intent (LOI) for a period of 10 years subject to submission of Approved Mining Plan, EC and CFE within a period of 3 years from the date of issue of LoI.

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- c) As per the approved mining plan, the total provided mineral reserves are 19,58,805 m³. The project proponent proposed to excavate Road Metal & Building Stone –1,34,032 m³/annum. The Life of the mine is 16 years.
- d) The project proponent has obtained TOR with public hearing on 13.07.2022 and public hearing held on 24.03.2023.
- e) Public Hearing details: Road damages, Greenbelt, D. Pattas, Crop damages, water sprinkling and stone crushers issues are the main issues raised during PH public hearing.
- f) Reply of the proponent during the public hearing is as follows: Sri G Srinivasulu Naidu, Managing Partner of Sri Sathi Venkata Sathyan Narayana Reddy, Road Metal & Building Stone mine while addressing the concerns raised by the public have informed that, all the suggestions made by the public representative, NGOs will be taking into consideration and main issues viz., damages to the roads and dust generation will be addressed. More plantations will be done at vacant places and also at approach roads. He further promised any genuine concerns brought to the notice of the management they will try to solve the same at their level best.
- g) The base line data was collected from March, 2022 to May, 2022 and the predominant wind direction is observed to be South West to North East. The maximum concentration of SPM(PM₁₀) is observed to be 64.8 µg/m³. The incremental concentration is 4.53 µg/m³ and GLC of SPM will falls at a distance of 0.23 Km towards North East direction from the mine lease area.
- h) The committee directed the project proponent that they shall not use canal bund road for mineral transportation purpose and also directed to take dust suppression measures to avoid falling of dust particulars in the canal.
- i) The project proponent allocated Rs. 13.2 Lakhs as capital cost and Rs. 7.52 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to health equipment to PHC with supply of medicine to the B.N. Kandriga PHC as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.
- j) S.O No 804 dt 14.03.2017 compliance:
- i. Credible action was initiated vide CC No 718/2023 in the court of Junior Civil courts of Srikalasthi.
 - ii. The project proponent submitted undertaking on 22.04.2022 stating that the violation will not be repeated.
 - iii. The project proponent has submitted remediation and resource augmentation plan with a cost of Rs 1,95,781/- and also uploaded the acknowledged BG submitted at APPCB, Regional office, Tirupathi on 18.12.2023.
 - iv. The project proponent has submitted production dispatch letter issued by ADMG, Chittoor vide letter dt 06.04.2023.
 - v. The Penalty was calculated in compliance with SOP issued by MoEF&CC, GoI vide OM dt. 07.07.2021 and the details is as follows:

Project cost in Rs.	Total production during violation period as reported by mining department letter dt. 06.04.2023	Turnover during violation period in Rs as reported by the mining department vide letter dt. 06.04.2023	1% of project cost in Rs	0.25 % of turn over during violation period in Rs.	Total penalty amount to be levied as per OM 07.07.20 21 in Rs
Rs 35 lakhs	Mining Road metal & Building stone 25,500 Cum	Rs. 35,85,000/-	Rs 35,000/-	Rs. 8963 /-	Rs. 43,963/-

- k) The project proponent has uploaded the acknowledged payment of penalty amount of Rs. 43,963/-at APPCB Board Office Vijayawada on 19.12.2023.

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	<p>The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs EIA Report, Public Hearing minutes, and detailed deliberations, recommended to issue Environmental Clearance for mining of Road Metal & Building Stone – 1,34,032 m³ /Annum with following conditions:</p> <ol style="list-style-type: none">1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA.2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose.8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.9. The project proponent shall pay suitable compensations for surrounding agricultural lands as per the norms.10. The project proponent shall maintain village roads along with the cluster partners.11. The project proponent shall comply with the commitments & promises made/given in the public hearing.12. The project proponent shall restrict the load of the transport vehicles not more than 21 tons to avoid road damages and dust nuisance to surroundings.
Agenda Item No: 237.13	10.729 Ha, Road metal & Building stone of Sri Sathi Venkata Sathya Narayana Reddy located at Sy.No.513, 516 & 517, Alathur Village, B.N. Kandriga Mandal Tirupathi District, (Formerly Chittoor District) – EC – Reg.
SIA/AP/MIN /456815/20 23	<p>Category: B2 at par with B1.</p> <p>The proposed project is for mining of Road metal & Building stone in an area of 10.729 Ha with a proposed production capacity of Road Metal & Building Stone –2,24,476 m³/annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The representative of the project proponent and their consultant M/s. SV Enviro Labs & Consultants, have attended the meeting and presented the case. The SEAC committee noted that:</p> <ol style="list-style-type: none">a) The Department of Mines and Geology submitted DSR of Tirupathi District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine (mentioned at paragraph No. 2.3 of Page No.77 of DSR Report). The same details were also available in DSR 2023 which is under process at SEIAA for approval.b) The Department of Mines and Geology vide order dt. 02.08.2023 issued Extension of Letter of Intent (LOI) for a period of 10 years subject to submission of Approved Mining Plan, EC and CFE within a period of 3 years from the date of issue of Lol.c) As per the approved mining plan, the total provided mineral reserves are 33,68,822 m³. The proponent proposed to excavate Road Metal & Building Stone –2,24,476 m³ /Annum. The Life of the mine is 15 years.

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- d) The project proponent has obtained TOR with public hearing on 13.07.2022 and public hearing held on 24.03.2023.
- e) Public Hearing details: Road damages, Greenbelt, D.pattas, Crop damages, water sprinkling and stone crushers issues are the main issues raised during PH public hearing.
- f) Reply of the proponent during the public hearing is as follows: Sri G Srinivasulu Naidu, Managing Partner of Sri Sathi Venkata Sathya Narayana Reddy, Road Metal & Building stone mine while addressing the concerns raised by the public have informed that, priority shall be given to the local villagers on providing of employment and regular health camps will be conducted. He promised to develop greenbelt as per the norms and also to extended cooperation to the local villagers. He also requested the district authorities for taking up developmental activities with DMF funds also.
- g) The base line data was collected from March, 2022 to May, 2022 and the predominant wind direction is observed to be South West to North East. The maximum concentration of SPM (PM₁₀) is observed to be 64.8 µg/m³. The incremental concentration is 4.53 µg/m³ and GLC of SPM will falls at a distance of 0.23 Km towards North East direction from the mine lease area.
- h) The committee noted that a canal is existing at distance of about 120 meters in the Western direction of the subject mine. Hence, the committee directed the project proponent that they shall not use canal bund road for mineral transportation purpose and also directed to take dust suppression measures to avoid falling of dust particulars in the canal.
- i) The committee also noted that there is water body (Cherruvu) existing in the downstream side (about 150 meters) of the subject mine and directed the project proponent to provide trench with rocky bund towards eastern side for prevention of silt and sediments from the subject mine into the water body.
- j) The project proponent allocated Rs. 13.2 Lakhs as capital cost and Rs. 7.52 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to health equipment to PHC with supply of medicine to the B.N. Kandriga PHC as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.
- k) S.O No 804 dt 14.03.2017 compliance:
- Credible action was initiated vide CC No 720/2023 in the court of Junior Civil courts of Srikalasthi.
 - The project proponent submitted undertaking on 22.04.2022 stating that the violation will not be repeated.
 - The project proponent has submitted remediation and resource augmentation plan with a cost of Rs 2,66,040/-and also uploaded the acknowledged BG submitted at APPCB, Regional office, Tirupathi on 18.12.2023.
 - The project proponent has submitted production dispatch letter issued by ADMG, Chittoor vide letter dt 06.04.2023.
 - The Penalty was calculated in compliance with SOP issued by MoEF&CC, GoI vide OM dt. 07.07.2021 and the details is as follows:

Project cost in Rs.	Total production during violation period as reported by mining department letter dt. 06.04.2023	Turnover during violation period in Rs as reported by the mining department vide letter dt. 06.04.2023	1% of project cost in Rs	0.25 % of turn over during violation period in Rs.	Total penalty amount to be levied as per OM 07.07.20 21 in Rs
Rs 35 lakhs	Mining Road metal & Building stone 31,298 Cum	Rs. 43,99,800/-	Rs 35,000/-	Rs. 11,000 /-	Rs. 46,000/-

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	<p>l) The project proponent has uploaded the acknowledged payment of penalty amount of Rs. 46,000/-at APPCB Board Office Vijayawada on 19.12.2023.</p> <p>m) The committee appraised the subject mine with following conditions:</p> <ol style="list-style-type: none">1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA.2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose.8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.9. The project proponent shall pay suitable compensations for surrounding agricultural lands as per the norms.10. The project proponent shall maintain village roads along with the cluster partners.11. The project proponent shall comply with the commitments & promises made/given in the public hearing.12. The project proponent shall restrict the load of the transport vehicles not more than 21 tons to avoid road damages and dust nuisance to surroundings. <p>n) The committee noted that two villagers in the public hearing raised their objections about the encroachments of DK pattas located in Sy. Nos 516 & 517 by the project proponent. Hence, committee directed the project proponent to submit letter / report from Revenue Department regarding the status of encroachment of DK Pattas by the project proponent in light of the objections raised.</p> <p>The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs EIA Report, Public Hearing minutes, and detailed deliberations, recommended to raise ADS for submission of letter / report from Revenue Department regarding the status of encroachment of DK Pattas by the project proponent in light of the objections raised.</p>
Agenda Item No: 237.14	5.00 Ha, Black Granites of M/s. Ganapathi Granites located at Sy.No.56 of Eguvakanthalacheruu Village, Bangarupalem Mandal, Chittoor District - EC- Reg.
SIA/AP/MIN /456226/2023	<p>Category: B2 (Minor mineral)</p> <p>The proposed project is for mining of Black Granites in an area of 5.00 Ha. with a proposed production quantity of Black Granite 3,627 m³/Annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (\leq250 ha of mining lease area in respect of non-coal mine lease).</p>

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	<p>The project proponent and their consultant, M/s. Ampl Environ Private Limited have attended the meeting and presented their proposal. The SEAC Committee noted that:</p> <ol style="list-style-type: none">The committee noted that Sainigunta Reserve Forest and Ragimanipenta Reserved Forest are adjacent to the subject mine.The Govt. of A.P. vide G.O. Ms. No. 107 dt. 30.07.2016. mandates the requirement of NOC from the Forest Department for the mine leases existing within 500 meters from the boundary of the reserve forest.The project proponent has not obtained NOC from the forest department though the subject mine is adjacent to the Sainigunta Reserve Forest and Ragimanipenta Reserved ForestHence, committee recommended to raise ADS for submission Forest NOC from DFO, Chittoor as the Reserve Forest are within 500m from the subject mine.The committee directed the project proponent to prepare the mining plan duly considering the buffer zone stipulated by the Forest Department in the NOC. <p>The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs and detailed deliberations, recommended to raise ADS for submission Forest NOC from DFO, Chittoor as the Reserve Forest within 500m to the subject mine and shall submit the mining plan prepared duly considering the buffer zone stipulated by the Forest Department in the NOC.</p>
Agenda Item: 237.15	4.923 Ha, Quartz of M/s. GVR Filling Station located at Sy.No.1223/P of B Yerragudi Village, Lakkireddipalli Mandal, Annamayya District – EC- Reg.
SIA/AP/MIN /456148/20 23	<p>Category: B2 (Minor mineral)</p> <p>The proposed project is for mining of Quartz in an area of 4.923 Ha. with a proposed production quantity of Quartz - 80,625 TPA with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The project proponent and their consultant, M/s. Ecomen Laboratories Pvt Ltd have attended the meeting and presented their proposal. The SEAC Committee noted that:</p> <ol style="list-style-type: none">The Department of Mines and Geology submitted DSR of Annamayya District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine (mentioned at paragraph No. 2.3 of Page No.77 of DSR Report). The same details were also available in DSR 2023 which is under process at SEIAA for approval.The Department of Mines and Geology vide order dt. 29.11.2023 issued LOI for the subject mine for a period of 20 year, subject to submission of Approved Mining Plan, EC and CFE within a period of 3 year from the date of issue of Lol.As per the approved mining plan dt. 11.12.2023, the total provided mineral reserves are 17,21,119 Tons. The proponent proposed to excavate Quartz - 80,625 TPA. The Life of the mine is 21 years.As per the cluster letter dated: 02.12.2023 issued by the District Mines & Geology officer, Rayachoty, Annamayya District, there are no existing quarry leases issued mines within the radius of 500 mtrs area. The total applicable cluster area is <5.0 Ha.The Committee noted that the Payalopalli RF and Surabhi RF are existing adjacent to the proposed mine and PP submitted Forest NOC dt. 22.11.2023 issued by District Forest

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	<p>Officer, Annamayya. Hence, committee directed the proponent to comply the conditions stipulated in the Forest NOC.</p> <p>f) The project proponent informed that they have allocated Rs. 10.4 Lakhs as capital cost and Rs. 5.2 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant to Chancharlapalli village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.</p> <p>The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs and detailed deliberations, recommended to issue Environmental Clearance for mining of Quartz - 80,625 TPA with following conditions:</p> <ol style="list-style-type: none">1. The proponent shall comply with the proposals furnished in the Environmental management plan2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose.8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.9. The project proponent shall not disturb surrounding agricultural lands.10. The project proponent shall provide Display Board at project site indicating the non-mining zone details as per the Forest NOC.11. The project proponent shall comply conditions stipulated in the Forest NOC.12. The project proponent shall restrict the load of the transport vehicles not more than 21 tons to avoid road damages and dust nuisance to surroundings.
Agenda Item: 237.16	4.220 Ha, Road Metal & Building Stone of Sri G.Sanna Thimmappa Gari Kariyappa, Sy. No. 652-2A of Melavoi Village, Madakasira Mandal, Sri Satya Sai District – EC- Reg.
SIA/AP/MIN /447610/20 23	<p>Category: B2 (Minor mineral)</p> <p>The proposed project is for mining of Road Metal & Building Stone in an area of 4.220 Ha. with a proposed production quantity of Road metal & Building Stone – 73,311 m³/annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The project proponent and their consultant, M/s. Global Enviro Labs, Hyderabad have attended the meeting and presented their proposal. The SEAC Committee noted that:</p> <p>a) The Department of Mines and Geology submitted DSR of Sri Satya Sai District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine (mentioned at paragraph No. 2.3 of Page No.64</p>

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	<p>of DSR Report). The same details were also available in DSR 2023 which is under process at SEIAA for approval.</p> <p>b) The Department of Mines and Geology vide order dt. 23.06.2023 issued LOI to the subject mine for a period of 10 year, subject to submission of Approved Mining Plan, EC and CFE within a period of 3 year from the date of issue of LOI.</p> <p>c) As per the approved mining plan dt. 20.09.2023, the total provided mineral reserves are 17,90,343 m³. The proponent proposed to excavate Road metal & Building Stone – 73,311 m³/annum. The Life of the mine is 24 years.</p> <p>d) The Committee noted that as per the cluster letter dated: 24.08.2023 issued by the District Mines & Geology officer, Puttaparthi, there are no existing quarry leases issued mines within the radius of 500 mtrs area. The total applicable cluster area is <5.0 Ha.</p> <p>e) The committee observed that Vagu/stream is passing nearby the subject mine towards south, east & western directions. The committee directed the project proponent to construct trench with rock bund to avoid flow of silt and sediments into Vagu/stream.</p> <p>f) The project proponent informed that they have allocated Rs. 8.98 Lakhs as capital cost and Rs. 7.45 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant to Melavoi village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.</p> <p>The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs and detailed deliberations, recommended to issue Environmental Clearance for mining of Road metal & Building Stone – 73,311 m³/annum with following conditions:</p> <ol style="list-style-type: none">1. The proponent shall comply with the proposals furnished in the Environmental management plan2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose.8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.9. The project proponent shall not disturb surrounding agricultural lands.10. The project proponent shall provide Display Board at project site indicating the non-mining zone details.11. The project proponent shall construct trench with rock bund to avoid flow of silt and sediments into Vagu/stream.12. The project proponent shall restrict the load of the transport vehicles not more than 21 tons to avoid road damages and dust nuisance to surroundings.
Agenda Item: 237.17	1.0 Ha, Road Metal & Building stone of Sri S. Mohan Rao. Survey No.: 04, Thummapala Village, Anakapalli Mandal, Visakhapatnam District – EC - Reg.

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**SIA/AP/MIN
/447596/20
23**

Category: B2.

The proposed project is for mining of Road metal & Building stone in an area of 1.0 Ha with a proposed production capacity of Road Metal & Building stone – 49,000 m³/annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.

The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).

The representative of the project proponent and their consultant Hubert Enviro Care Systems have attended the meeting and presented the case. The SEAC committee noted that:

- a) The Department of Mines and Geology submitted DSR of Anakapalli District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the nearby village /cluster to the subject mine (mentioned at paragraph No. 1.8 of Page No.70 of DSR Report). The same details were also available in DSR 2023 which is under process at SEIAA for approval.
- b) The Department of Mines and Geology issued work order dt. 31.08.2018 to subject mine for 10 years with effect from 01.07.2014 to 30.06.2024.
- c) As per the approved mining plan, the total provided mineral reserves are 3,82,142 m³. The proponent proposed to excavate Road Metal & Building stone – 49,000 m³/annum The Life of the mine is 7.8 years.
- d) The project proponent has obtained TOR without public hearing on 27.04.2023.
- e) The base line data was collected from January 23 to Mar, 2023 and the predominant wind direction is observed be to South West to North East. The maximum concentration of SPM(PM₁₀) is observed to be 58.91 $\mu\text{g}/\text{m}^3$. The incremental concentration is 0.95 $\mu\text{g}/\text{m}^3$ and GLC of SPM will fall at a distance of 0.41 Km towards NE direction from the mine lease area.
- f) The project proponent allocated Rs. 12.8 Lakhs as capital cost and Rs. 8.47 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to health equipment to PHC with supply of medicine to the Thumpala PHC as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.
- g) S.O No 804 dt 14.03.2017 compliance:
 - i. Credible action was initiated vide CC No 620/2023 in the court of Junior Civil courts of Anakapalli
 - ii. The project proponent submitted undertaking on 17.07.2023 stating that the violation will not be repeated.
 - iii. The project proponent has submitted remediation and resource augmentation plan with a cost of Rs 1,00,000/-and also uploaded the acknowledged BG submitted at APPCB, Regional office, Visakhapatnam on 21.07.2023.
 - iv. The project proponent has submitted production dispatch letter issued by ADMG (FAC) Anakapalli vide letter dt.27.05.2023.
 - v. The Penalty was calculated in compliance with SOP issued by MoEF&CC, GoI vide OM dt. 07.07.2021 and the details is as follows:

Project cost in Rs.	Total production during violation period as reported by mining department letter dt. 27.05.2023	Turnover during violation period in Rs as reported by the mining department vide letter dt. 27.05.2023	1% of project cost in Rs	0.25 % of turn over during violation period in Rs.	Total penalty amount to be levied as per OM 07.07.20 21 in Rs

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	Rs 20 lakhs	Mining Road metal & Building stone 50,309 Cum	Rs. 73,90,820/-	Rs 20,000/ -	Rs. 18,477/-	Rs. 38,500/-
	<p>h) The project proponent has uploaded the acknowledged payment of penalty amount of Rs. 38,500/- at APPCB Board Office Vijayawada on 25.07.2023.</p> <p>The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs EIA Report and detailed deliberations, recommended to issue Environmental Clearance for mining of Road Metal & Building stone – 49,000 m³/annum with following conditions:</p> <ol style="list-style-type: none"> 1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA. 2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides. 3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed. 4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time. 5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers. 6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement. 7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose. 8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents. 9. The project proponent shall pay suitable compensations for surrounding agricultural lands as per the norms. 10. The project proponent shall maintain village roads along with the cluster partners. 11. The project proponent shall obtain Buffer zone removal permission from Mines and Safety Department. 12. The project proponent shall adopt for controlled blasting. 13. The project proponent shall restrict the load of the transport vehicles not more than 21 tons to avoid road damages and dust nuisance to surroundings. 					
Agenda Item: 237.18	5.24 Ha, Manganese Ore Mine of M/s Sri Venkateswara Minerals, Sy. No.227/1, Garbham Village, Merakamudidam Mandal, Vizianagaram District- EC Expansion - Reg.					
SIA/AP/MIN /446633/20 23	<p>Category: B2 at par with B1.</p> <p>The proposed project is for mining of Manganese Ore in an area of 5.24 Ha with a proposed production capacity of Manganese Ore -2,000 TPA to 25,208 TPA with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</p> <p>The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).</p> <p>The representative of the project proponent and their consultant M/s. HECS have attended the meeting and presented the case. The SEAC committee noted that:</p> <ol style="list-style-type: none"> a) The Department of Mines and Geology submitted DSR for the Vizianagaram District. The same is reviewed in the SEAC meeting. The present mine lease details are mentioned in the DSR at S.No 202 of page No. 107 of DSR. The same details were also available in DSR 2023 which is under process at SEIAA for approval. b) The project proponent has obtained Environmental clearance vide order dt.22.06.2010 for mining of Manganese ore- 2,000 TPA which is valid upto 26.05.2029. 					

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- c) The Department of Mines and Geology issued work order dt. 03.12.2011 to the subject mine for a period of 20 years.
- d) As per the approved mining plan dt.07.09.2021, the total provided mineral reserves are 3,37,778 m³. The proponent proposed to excavate Manganese Ore - 25,208 TPA The Life of the mine is 13 years.
- e) The project proponent has obtained auto TOR on 22.02.2022 and public hearing was held on 09.11.2022.
- f) The project proponent obtained Certified compliance report from IRO, Vijayawada vide order dt. 28.08.2023 and IRO reported that *“Minor non-compliances detected (not of immediate danger to health & safety of the people) and letter issued to project authorities for taking corrective measures and requested for submission of Action Taken Report against the non-compliances observed for issue of final report”*.
- g) Public Hearing details: There are no specific issues raised during the public hearing and the committee directed the project proponent to strictly implement CSR activities and to give employment to local villagers. The committee also directed the project proponent to lay pipe line from mined out area to the nearby Agricultural fields to utilize catchment area water for agricultural purpose.
- h) Reply of the proponent during the public hearing is as follows: Sri Sarad Chandra, Owner, informed that as their existing capacity is 2000 TPA, they are operating only 10 days in a month and the same would be increased if the capacity is increased. He also informed that the jobs will be given to local people, they will provide RO plant and given school books in the CSR fund, developed the local school to be model school, they will provide safety equipment to the workers once in 6 months and they will see the possibility of ESI and PF to the workers. He further informs that they have given masks and sanitizers during the covid time and helped the villagers, they will carry out sprinkling, provide tarpaulin covering, provide a team to monitor the vehicle conditions and will give the wages as per the labour enforcement of India Act. The consultant informed that they will take all the measures for the environment, carry out sprinkling, will increase the sprinkling frequency, develop plantation along the roads and informed that there is no change in the mining area, only production is increased and will carryout mining in 20 m depth only.
- i) The base line data was collected from Feb, 2022 to April, 2022 and the predominant wind direction is observed to be North East to South West. The maximum concentration of SPM(PM₁₀) is observed to be 62.47 µg/m³. The incremental concentration is 3.14 µg/m³ and GLC of SPM will fall at a distance of 0.3 Km towards Southern direction from the mine lease area.
- j) The project proponent allocated Rs. 20 Lakhs as capital cost and Rs. 8.0 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to water treatment plant & health camps to the Garbham village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.

The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs EIA Report, Public Hearing minutes, and detailed deliberations, recommended **to issue** Environmental Clearance for Expansion for enhancement of production capacity of mining of Manganese Ore from 2,000 TPA to 25,208 TPA with following conditions:

1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA.
2. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides.
3. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed.
4. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time.
5. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers.

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	<ol style="list-style-type: none">6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose.8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.9. The project proponent shall pay suitable compensations for surrounding agricultural lands as per the norms.10. The project proponent shall maintain village roads along with the cluster partners.11. The project proponent shall comply with the commitments & promises made/given in the public hearing.12. The project proponent shall restrict the load of the transport vehicles not more than 21 tons to avoid road damages and dust nuisance to surroundings13. The project proponent shall lay pipe line from mined out area to nearby Agricultural fields to utilize catchment area water for agricultural purpose.
Agenda Item: 237.19	M/s. Saburi Engineered Wood Panels Private Limited (Manufacturing of Synthetic Resins), Survey No. 51, 52, 53, 54 & 56 of Kovvada Agraharam Village, Pusapatirega Mandal, Vizianagaram District – Environmental Clearance – Reg.
SIA/AP/IND 3/449136/2 023	<p>Category –B2.</p> <p>The Proposal of M/s. Saburi Engineered Wood Panels Private Limited., is for Environmental Clearance for production of the Phenol Formaldehyde Resin/Urea Formaldehyde Resin/Melamine Urea Formaldehyde Resin/Melamine Formaldehyde Resin – 3.5 Tons/Day (or) 1000 Tons/annum for captive consumption.</p> <p>The proposed project falls under Item No.5 (f) of the schedule of the EIA Notification 2006 and its amendments thereof - 5(f)- basic organic chemicals, other synthetic organic chemicals, and chemical intermediates.</p> <p>The project proponent and their consultant, M/s. SV Enviro labs have attended the meeting and presented their proposal. The SEAC committee observed that:</p> <ol style="list-style-type: none">a) M/s. Saburi Engineered Wood Panels Private Limited has proposed to establish a Resin Plant in their existing plywood manufacturing unit for their captive consumption with an additional investment of Rs. 40 Lakhs.b) The MoEF&CC, GoI vide letter dt. 10.04.2019 issued clarification regarding Exemption of Environmental Clearance for making in-house resin by plywood and panel industries.c) As per the clarification given by MoEF&CC, GoI “the process of manufacturing of Resin, was of the opinion that this activity may be listed under Category’B2’ and the procedure required for Category’B2’ may be followed to produce resin not exceeding 1000 tons per annum (4 tons per day) by captive manufacturing and utilization in plywood”. The present proposal is for 3.5 Tonnes /day of resin production and falls under Category B2.d) The project proponent has proposed to establish ply wood, core veneer, block boards, particle boards manufacturing unit in an area of 16.77 acres and obtained CTE from APPCB vide order dated 20.07.2023.e) The project proponent informed that the installation of machinery for their ply wood, core veneer, block boards, particle boards manufacturing unit is in process and they have proposed to establish resin manufacturing unit in their existing premises for their captive consumption.f) The water consumption for the resin plant is 26.50 KLD and wastewater generation is only Condensate water of about 1.5 KLD which is proposed to be recycled. 3.4 KLD domestic wastewater is proposed to be disposed into septic tank and soak pit.g) The project proponent proposed to provide the condensers to the process kettle to pass the fumes arising from the kettle during the reaction to control the odour nuisance.h) All the production activities shall be carried out in closed conditions to minimize fugitive emissions.i) The project proponent has proposed to install portable detection system for detection of Phenol & Formaldehyde in process area.

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	<p>j) The proponent volunteered to allocate funds for providing amenities to the local school / PHCs and development of village roads in the Pusapatirega Mandal as a part of Corporate Social Responsibility (CSR) activity.</p> <p>The Committee after examining the project proposals, presentations, MoEF& CC' Notifications & OM's and detailed deliberations, recommended to issue of Environmental Clearance to this proposal for manufacturing of Phenol Formaldehyde Resin/Urea Formaldehyde Resin/Melamine Urea Formaldehyde Resin/Melamine Formaldehyde Resin @ one product at any point of time with production capacity -3.5 Tonnes/day for captive utilization in the manufacturing of plywood only, stipulating following additional conditions:</p> <ol style="list-style-type: none">1. The Project Proponent shall implement the ZLD system for treatment and disposal of effluents.2. The industry shall adopt an appropriate pollution control system to achieve Zero Liquid Discharge (ZLD) and ensure that there will be no discharge from the unit.3. The industry shall establish suitable scrubbing system in consultation with the APPCB.4. The industry shall provide an effective solvent recovery system.5. The industry shall provide hazardous waste container (drums) cleaning/washing system (Container detoxification)6. The industry shall send hazardous waste to the authorized cement industries/ TSDF/ authorized recyclers by properly maintaining the system.7. The industry shall not use wood as a fuel for Thermic fluid heater without Permission from forest department8. Strict measures shall be taken to control odour with appropriate odour abatement methods. Sub coolers for brine circulation shall be installed to reduce solvent evaporation losses into the atmosphere. All the solvent storage tanks shall be connected to vent condensers with chilled water circulation to minimize the solvent loss. The proponent shall install VOC meter in the plant to monitor.9. The industry shall utilize the resin only for their captive consumption only and shall not sell the resin to outside agencies/ parties under any circumstances.10. The project proponent has proposed to provide the condensers to the process kettle to pass the fumes arising from the kettle during the reaction to control the odor nuisance.11. All production activities are proposed to be carried out in closed conditions to minimize fugitive emissions. The project proponent has proposed to install portable detection system for detection of Phenol, & Formaldehyde in process area.
Agenda Item: 237.20	Proposed Development of Mega Industrial Park (North Block) of Andhra Pradesh Industrial Infrastructure Corporation Limited (APIIC), by Kopporthy, Tadigotla, T G Palle, Yadavapuram, Ambavaram, Ramapathadu Villages, YSR Kadapa District- EC- Reg.
SIA/AP/INFR A1/449741/ 2023	<p>Category A: The proposed project is for development of Mega Industrial Park (North Block) of M/s. Andhra Pradesh Industrial Infrastructure Corporation Ltd., (APIIC) at Kopporthy village.</p> <p>The proposed project falls under Item No. 7(c) - Industrial estates/parks/complexes/areas, export processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather Complexes of the schedule of the EIA Notification 2006 and its amendments thereof.</p> <p>The project proponent and NABET accredited consultant's M/s Voyants Solutions Pvt Ltd attended the meeting. The SEAC committee noted that:</p> <ol style="list-style-type: none">a) APIIC proposed Mega Industrial Park (North Block) at Kopporthy, Thollaganganapalli, Yadavapuram & Ambavaram village of Chinthakommadinne and Vallur Mandal of YSR Kadapa District, Andhra Pradesh in an area of 1185.98 acres or 479.94Ha with an estimated investment of Rs 526.73 Crores.b) APIIC has proposed to house only Category B industries which attracts Schedule 7(c) – Category B, of EIA notification 2006 and its amendments thereafter.

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- c) The SEAC committee noted that Industrial Estates/Parks/Complexes/Areas, Export Processing Zones (EPZs), Special Economic Zones (SEZs), Biotech Parks, Leather complexes housing at least one category B industry and area < 500 Ha is a category B activity as per EIA notification, 2006.
- d) The SEAC committee verified the layout of Mega Industrial Park (MIP), Kopparthy, Kadapa, YSR District and observed that APIIC has proposed north block over an extent of 1,606.49 Ha. having industrial parks YSR EMC, MIP North block, MIP phase – I, MSME Kadapa etc., which are **abutting** to each other in Kopparthy Village. The details are as follows:

S.No	Proposal no	Project name	Extent in Ha	Proposal status / EC Granted on
1.	SIA/AP/NCP/56 779/2020	YSR Electronic Manufacturing Cluster (EMC)	324.17	Obtained EC 26 Oct 2021
2.	SIA/AP/INFRA1 /419577/2023	Mega Industrial Park (North Block)	403.71	SEIAA Referred Back to SEAC
3.	SIA/AP/INFRA1 /449741/2023	Mega Industrial Park by APIIC	479.94	Present proposal
4.	Not applied	MIP phase – I	168.60	Not applied
5.	Not applied	MSME Kadapa	42.40	
6.	Not applied	Women Entrepreneur	47.69	
Total area			1466.5 Ha.	

Note: A part from the above an extent of 52.60 Ha. is allocated for SS Tank, 4.26 Ha. for housing, 40.54 Ha. allocated for Tee-Mag Alloys and 42.54 Ha. allocated for Nilkamal thereby the total area of Mega Industrial Park (MIP – North Block) is 1,606.49 Ha.

- e) From the above the committee noted that the total extent of Mega Industrial Park, Kopparthy is 1,606.49 Ha. (Which includes present proposal extent of 479.94Ha.) and shall be appraised as Category – A at Central Level as the total extent of the park is more than 500 Ha.
- f) The APIIC was issued with TOR on 31.03.2022 and the APIIC has not informed earlier that the above industrial parks are abutting to each other during their earlier appraisal to SEAC for issue of TOR.

The Committee after examining the project proposals, presentations, MoEF&CC Notifications & OMs, layout of Mega Industrial Park, Kopparthy, detailed deliberations and recommended **to request** SEIAA, A.P., directing the project proponent to approach MoEF&CC, GoI to appraise as a Category – A project at Central Level as the total area of the Mega Industrial Park is 1,606.49 Ha which is more than 500 Ha.

Agenda Item: 237.21 **24.50 Ha Barytes of M/s. Andhra Pradesh Mineral Development Corporation Limited (APMDC), Survey No. 2229/P, Palugurallapalli Village, Bramhangari Mattam Mandal, YSR District – EC - Reg.**

SIA/AP/MIN /457398/20 24 **Category: B2 at par with B1 (Minor mineral)**

The proposed project is for mining of Barytes in an area of 24.50 Ha. with a proposed production quantity of Barytes @ 6,075 TPA with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.

The proposed project falls under Item No. 1(a) of the schedule of the EIA Notification 2006 and its amendments thereof - (i). Mining of minerals (≤ 250 ha of mining lease area in respect of non-coal mine lease).

The project proponent and their consultant, M/s. Team Labs & Consultants have attended the meeting and presented their proposal. The SEAC Committee noted that:

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- a) The Department of Mines and Geology submitted DSR of YSR Kadapa District. The same is reviewed in the SEAC meeting and observed that present mine lease area are not available in the DSR District.
- b) The Project Proponent submitted letter dt. 03.01.2024 issued by the Divisional mines and Geology officer, Kadapa informed that the barytes minerals are available in the subject area and Palugurallapalli Village of Brahmamgarimattam Mandal is incorporated in the latest DSR report.
- c) The project proponent has proposed for mining of Barytes through underground method.
- d) The Department of Mines and Geology vide order dt. 02.07.2023 issued Letter of Intent (LOI) to the subject mine for a period of 20 years, subject to submission of Approved Mining Plan, EC and CFE within a period of 1 year.
- e) As per the approved mining plan dt. 06.10.2022, the total provided mineral reserves are 1,33,255 TPA. The proponent proposed to excavate Barytes – 6,075 TPA and the Life of the mine lease is 21 years.
- f) The project proponent was issued with TOR on 07.11.2023 and the public hearing was conducted on 29.12.2023.
- g) The project proponent prepared cluster with EIA & EMP with base line data collected from March, 2023 to May, 2023. The base line data was revalidated for one month i.e., for October, 2023.
- h) As per the revalidated base line data the predominant wind direction is observed to be East to West. The maximum concentration of SPM(PM₁₀) is observed to be 56 µg/m³. The incremental concentration is 0.6 µg/m³ and GLC of SPM will fall at a distance of 0.3 Km towards Western direction from the mine lease area.
- i) The project proponent has proposed to develop green belt of 7.5 mtr on all sides of the mining pit and the density of the trees will be maintained 2500 trees per Ha in 3 mtrs x 3 mtrs or 2 mtrs x 2 mtrs spacing.
- j) The project proponent has proposed to provide siltation pond for collection of surface run-off and the collected water will be utilized for dust suppression and plantation. The project proponent has submitted the mine ventilation plan and informed that they will comply guidelines issued by the DGMS on Mines Safety from time to time.
- k) Public Hearing details: the major issues raised by the public are objections to the establishment of the project, non-employment of local people based on non-availability of skills, improper survey, contempt case filed in court for NOC, non-communicated of NOC cancellation and issue of new NOC, inconvenience due to blasting and vibrations in houses, siren to be operated before blasting, development of greenbelt by planting 6000 trees, spending CSR funds in 10 kms radius of the project, providing 75% employment to local people, insurance facility to works, safety measures to be practiced, siren 2 hours before blasting, providing medical kits, developing village road, rain water harvesting structures, check dams, spending CSR funds for Below Poverty line families, providing compensation in case of damage of houses or property and crop damage due to blasting, utilization of DMF fund for construction of village roads, check dams, plantation, providing mineral water plant in village, conducting health camps to survey health status, preference to local people in employment.
- l) Reply of the proponent during the public hearing is as follows: Sri T. Nathaniel, General Manager (P&C), M/s APMDI informed that the lease for proposed mine is in LOI stage and has not yet been granted. He stated that they will operate within the lease area granted to them. Regarding employment he informed that the local people will definitely be provided employment opportunity in the proposed mine. He expressed that CSR fund will be spent for the development to the village, 6000 trees will be planted as suggested. He informed that siren will be operated 2 hours before blasting in controlled manner, to alert the people in the surrounding area. He further informed that the mine will be operated duly taking safety measures as per DGMS norms. He stated that local people will be employed in the proposed project after imparting required technical training. He informed that compensation will be paid in case of any damage to blasting in the proposed mine and further informed that check

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	<p>dams and road repairs will be taken up by the project management through CSR funds of the project.</p> <p>m) The committee noted that a W. P. was filed by Sri K. Jayarami Reddy by W.P no. 33146/2023 in Hon'ble High Court against Director of Mines & Geology, Vijayawada, Tahsildar Bramhamgari Mattam regarding the overlapping of their mine lease area in the proposed APMDC mine lease area. The Hon'ble High Court heard the matter on 26.12.2023 and issued notice for the respondents for filling the counter. The matter was listed on 23.01.2024.</p> <p>n) The project proponent has informed that since it is an in-principal grant of quarry lease from DMG, APMDC will be limited and be operated the mine within the leasehold area granted by Dept. of Mines & Geology, Govt. of AP.</p> <p>o) The project proponent informed that they have allocated Rs. 10.74 Lakhs as capital cost and Rs. 6.39 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant to Papannapalli village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.</p> <p>The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs, Public hearing minutes, EIA report and detailed deliberations, recommended to issue Environmental Clearance for mining of Barytes @ 6,075 TPA with following conditions:</p> <ol style="list-style-type: none"> 1. The project proponent shall comply with the Final orders of the Hon'ble High court in W.P no. 33146/2023. 2. The proponent shall comply with the proposals furnished in the Environmental management plan 3. The project proponent shall develop greenbelt of 1km along approach roads & village Roadsides. 4. The project proponent shall maintain 7.5mt greenbelt in buffer zone and existing buffer zone plantation should not be disturbed. 5. The proponent shall take dust suppression measures to meet the CPCB stipulated ambient air quality standards at any point of time. 6. The proponent shall carryout suppression of dust generated due to transport vehicles by continuous water spraying using tankers. 7. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement. 8. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose. 9. The project proponent shall restrict the load of the transport vehicles not more than 21 tons to avoid road damages and dust nuisance to surroundings. 10. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents. 11. The project proponent shall not disturb surrounding agricultural lands. 12. The project proponent shall comply safety and ventilation plan in respect to DGMS guidelines. 13. The project proponent shall comply with the commitments & promises made/given in the public hearing.
<p>Agenda No. 237.22</p>	<p>Appraisal of District Survey Reports of Prakasam , Parvatipuram Manyam, Anantapuramu, Kurnool , Annamayya Tirupati, Puttaparthi Satya sai, Visakhapatnam, Ankapalli ,and Nandyal Districts of A.P. furnished by Joint Director of Mines & Geology, Ibrahimpatnam, Vijayawada.</p>
	<p>a) The Joint Director of Mines & Geology (JDMG), Ibrahimpatnam, Vijayawada submitted the draft DSR reports of Prakasam , Parvatipuram Manyam, Anantapuramu, Kurnool , Annamayya Tirupati, Puttaparthi Satya sai, Visakhapatnam, Ankapalli ,and Nandyal Districts of A.P. and requested for the approval of the SEIAA of AP. The SEIAA vide mail dt.</p>

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17.11.2023 requested for the appraisal of the DSR reports by the SEAC for taking further necessary action in the matter.

- b) The Chairman, SEAC briefed objective of the preparation of District Survey Report as for identification of areas of aggradations or deposition where mining can be allowed; and identification of areas of erosion and proximity to infrastructural structures and installations where mining should be prohibited and calculation of annual rate of replenishment and allowing time for replenishment after mining in that area.
- c) Sri P. Raja Babu, Joint Director of Mines & Geology (JDMG) & Sri. Nageswara Rao, Technical Director, Andhra Pradesh Space Applications Centre (APSAC) ITE &C Department, GoAP attended the SEAC meeting and presented the DSR reports.
- d) The JDMG informed that the draft DSR reports are prepared in line with the guidelines given by the MoEF&CC, GoI vide S.O. 141 (E) dt. 15.01.2016 & S.O. 3611(E), dt. 25.07.2018 for the procedure for Preparation of District Survey Report for miner Mineral and Sand Mining or Riverbed Mining.
- e) The JDMG informed that the DSR reports are having three chapters and the details are as follows:
1. **Chapter 1: Introduction and General Profile:** Containing the points mentioned by MoEF&CC such as introduction, general profile of the district, land Utilization Pattern in the district: Forest, Agriculture, Horticulture, Mining etc., physiography of the district, rainfall: month-wise and some other additional points such as population literacy, infrastructure, ground water prospects in the district and drainage pattern of the district.
 2. **Chapter 2: Minor Minerals:** Containing the points mentioned by MoEF&CC such as overview of Mining Activity in the District, the List of Mining Leases in the District with location, area and period of validity, details of Royalty or Revenue received in last three years, detail of Production of minor mineral in last three years, geology and mineral wealth and some additional sub-chapters.
 3. **Chapter 3: Sand:** Containing the points mentioned by MoEF&CC such as detail of Production of Sand in last three years, process of Deposition of Sediments in the rivers of the district, and some additional sub-chapters which were necessary for the DSR.
- f) The JDMG informed the SEAC committee, that they have prepared 10 no. of District Survey Report namely **Prakasam, Parvatipuram Manyam, Anantapuramu, Kurnool, Annamayya Tirupati, Puttaparthi Satya sai, Visakhapatnam, Anakapalli, and Nandyal Districts** and placed them in the public domain (website of the collectorate) for a period of 21 days inviting the suggestions, objections etc., if any, of the draft DSR reports. The details are as follows:

Sl. No.	Name of the District	Date of Publishing on the Website	End date
1	Prakasam	16.11.2023	20.12.2023
2	Parvatipuram Manyam	04.11.2023	24.11.2023
3	Anantapuramu	02.11.2023	22.11.2023
4	Kurnool	02.11.2023	21.11.2023
05	Annamayya	23.11.2023	13.12.2023
06	Tirupati	07.11.2023	27.11.2023
07	Puttaparthi Satya sai	17.11.2023	07.12.2023
08	Visakhapatnam	10.11.2023	16.12.2023
09	Anakapalli	28.11.2023	19.12.2023
10	Nandyal	18.11.2023	30.12.2023

- g) The Committee in its meeting 233rd SEAC meeting held on 20th & 21st of November, 2023 have examined the draft DSR reports and recommended the officials of Mining and APSAC to incorporate the following additional information as indicated in the S.O. 3611(E), dated 25.07.2018 in the draft DSR reports:
- i. Provide with the latest Land use land cover data
 - ii. Map showing the forest cover boundary
 - iii. Geocoordinates of the minor mineral leases of the state
 - iv. Geocoordinates of both the existing and potential sand mining leases in the district

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- v. Revenue generated through the production of sand in the districts
- vi. Table mentioning the respective page numbers of all the contents needed as per MOEF&CC notification
- vii. To update the details of the mining leases in the district as per the following format:

Sl. No	Name of the Mineral	Name of the Lessee	Address & Contact No. of Lessee	Mining lease Grant Order No. & date	Area of Mining lease (ha)	Period of Mining lease (Initial)		Period of Mining lease (1st/2nd...renewal)	
						From	To	From	To
1	2	3	4	5	6	7	8	9	10

Date of commencement of Mining Operation	Status (Working/ Non-Working/T emp. Working for dispatch etc.)	Captive/ non-captive	Obtained Environmental Clearance (Yes/No), If Yes Letter No with date of grant of EC.	Location of the Mining lease (Latitude & Longitude)	Method of Mining (Opencast/Underground)
11	12	13	14	15	16

viii. Whether mine was issued with Environmental Clearance (Yes/No), If Yes Letter No with date of grant of EC.

ix. Method of Mining (Opencast/Underground)

- h) The JDMG informed that the comments received from the public and also the recommendations of SEAC for incorporating the details (mentioned above at para no. g) are being considered and the final DSR reports are signed by the concerned Collector & District Magistrate.
- i) The Department of Mines & Geology have modified the DSR reports duly incorporating the above details and these DSR reports were appraised before the 235th SEAC meeting held on 12th & 13th December, 2023.
- j) The committee noted that, the annual replenishment rate for sand is determined using empirical mathematical expression Dendy Bolton Equation (1976) and as follows:
 - A) For Average Annual Run-off less than 2:
 $S = 1280 \times Q^{0.46} [1.43 - 0.26 \log(A)]$
 - B) For Average Annual Run-off more than 2:
 $S = 1965 \times (e^{-0.055 \times Q}) [1.43 - 0.26 \log(A)]$
 $Q = \text{Mean Annual Run-off in mm}$
 $A = \text{Net drainage Area in Sq. km}$
 $S = \text{Sediment yield (tons/Sq. km/yr)}$
- k) Based on the Dendy Bolton Equation, the sedimentation yield for each of the river in the six districts is calculated and is as follows:

Name of the District	Name of river	Area drained (in Sq. Kms)	Mean annual runoff (in mm)	Rate of annual deposition in the river (in tons / Sq. Km per year)	Annual deposition (in tons)
Prakasam	---	---	---	---	---
Parvatipuram Manyam	Nagavali	3086.52	1.57	78.55	242439
	Vamsadhara	516.56	26.42	380	196295

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Anantapuramu	Penna	4393.19	128.29	94.42	4,14,808
Kurnool	Tungabhadra	6297.02	6.08	127.72	8,04,233
Annamayya	Cheyzeru	6616.07	0.06	15.11	99,947

Name of the District	Name of river	Area drained (in Sq. Kms)	Mean annual runoff (in mm)	Annual deposition (in tons)
Tirupati	Kusasthali	261.16	33.26	15253
	Kalangi	2222.63	0.16	64656
	Swarnamukhi	3098	0.26	106340
	Araniar	965.15	0.26	40057
Sri Satya sai	The Director of Mines & Geology, department not carryout annual replenishment rate for sand as the all the rivers in Sri Satya Sai District are of 3 rd orders streams. The Sand extraction in Sri Satya Sai District shall be as per the rules 23(1) (a) of AP water land and Trees rules, 2004 where the transportation of sand shall be by mean bullock carts/ Tractor for the local use			
Visakhapatnam	The Director of Mines & Geology, department not carryout annual replenishment rate for sand as the all the rivers in Visakhapatnam District are of 3 rd orders streams. The Sand extraction in Visakhapatnam District shall be as per the rules 23(1) (a) of AP water land and Trees rules, 2004 where the transportation of sand shall be by mean bullock carts/ Tractor for the local use.			
Anakapalli	The Director of Mines & Geology, department not carryout annual replenishment rate for sand as the all the rivers in Anakapalli District are of 3 rd orders streams. The Sand extraction in Anakapalli District shall be as per the rules 23(1) (a) of AP water land and Trees rules, 2004 where the transportation of sand shall be by mean bullock carts/ Tractor for the local use.			
Nandyal	The Director of Mines & Geology, department not carryout annual replenishment rate for sand as the all the rivers in Nandyal district are of 3 rd Order streams. The Sand extraction in Nandyal District shall be as per Rule 23(1)(a) of AP Water Land and Tree Rules, 2004 where the transportation of sand shall be by means of bullock carts/ Tractors for the local use.			

l) In the DSR reports, the details of potential sand mining leases (existing & proposed) in the rivers along with their Geo Coordinates, probable sand bearing reaches, de-siltation locations, Patta lands, M-Sand lands, cluster of Sand mines leases, details of contiguous clusters, etc., in the districts are reported.

m) The Joint Director, Mines and Geology Dept., informed that they are in the process of selection of NABET accredited agencies for conducting detailed and regular replenishment studies for potential sand bearing areas in the districts.

The Committee after examining the DSR reports, presentations, MoEF&CC Notifications & OMs and detailed deliberations, recommended the DSR reports of 10 Districts namely viz., **Prakasam, Parvatipuram Manyam, Anantapuramu, Kurnool, Annamayya, Tirupati, Puttaparthi Satya sai, Visakhapatnam, Ankapalli, and Nandyal Districts** prepared by Department of Mining & Geology and APSAC following the procedure mentioned in MoEF&CC vide S.O. 141 (E) dt. 15.01.2016 & S.O. 3611(E), dt. 25.07.2018 for approval of SEIAA.

**Member Secretary
SEAC**

**Chairman
SEAC**