



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

235th SEAC, A.P.

Day -1

12.12.2023.



सत्यमेव जयते

**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC),
ANDHRA PRADESH HELD ON 11.12.2023, AT VIJAYAWADA A.P.**


Member Secretary
SEAC


Chairman
SEAC



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

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. ThyagaRaju, 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, SPSRNelloreDistrict	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.


Member Secretary
SEAC


Chairman
SEAC



Agenda Item No: 235.01	13.253 Ha. Quartz of M/s. Madhu Mineral Enterprises, Survey 655 & 656 of Daddawada Village, Komarolu Mandal, Prakasha District, Andhra Pradesh - TOR - Reg.
SIA/AP/MI N/439212 /2023	<p>Category: B2 at par with B1 (Minor Mineral).</p> <p>The proposed project is for mining of Quartz in an area of 13.253 Ha of production capacity of - 60,098 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 representative of the project and their consultant, M/s. Sai Manasa Nature Tech (P) Ltd, 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 erstwhile Prakasha District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in at page no. 79 in Quartz - Daddawada Village, Komarolu Mandal in DSR.The Department of Mines and Geology vide order dt. 04.04.2023 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 03 years from the date of issue of Lol.As per the approved mining plan dt. 06.06.2023, the total provided mineral reserves are 1,00,639 T of Quartz. The proponent proposed to excavate Quartz - 60,098 TPA and Life of the mine is 16 years.The Committee noted that as per the cluster letter dated 06.07.2023 issued by the District Mines & Geology Officer, Markapur, there is one existing quarry leases within the radius of 500 mtrs area. The total cluster area is > 5.0 Ha.The committee observed that water body is existing at a distance of 450m from the mine lease area towards Northern side. Hence, committee direct the proponent to submit plan to protect water body.The committee noted that 1st order stream (Nala) is passing in the NW and NE side of of the mine lease area. Hence, committee directed the proponent to submit surface runoff preventions measures. <p>The Committee after examining the project proposals, presentations, MoEF&CC Notifications & OMs and detailed deliberations, recommended to issue Standard Terms Reference for mining of Quartz - 60,098 TPA with Public Hearing and with following additional conditions:</p> <ol style="list-style-type: none">The project proponent shall prepare cluster EIA& EMPThe project proponent shall prepare a detailed plantation plan including no. of species and type of species and area of land allocated for greenbelt and also allocate specific place to develop green belt.



Member Secretary
SEAC


Chairman
SEAC



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

	<p>3. The project proponent shall submit surface runoff prevention measures plan and shall estimate construction cost for trench on NW and NE side to prevent surface runoff.</p> <p>4. The project proponent shall submit Road plan.</p> <p>5. The project proponent shall submit waste management plan.</p> <p>6. The proponent shall submit plan to protect water body existing in Northern side from the subject mine.</p>
Agenda Item No: 235.02	8.90 Ha. Road Metal & Building Stone of Smt. A. Kamala, at Sy. No: 01 Mallipudi Village, S. Kota Mandal, Vizianagaram District, Andhra Pradesh - Violation TOR - Reg.
SIA/AP/MI N/443667 /2023	The project proponent and also their consultant have not attended the meeting and the committee recommend to raise ADS seeking reasons for not attending the meeting and also to place this case only after the project proponent request the SEAC to place their proposal in the SEAC meeting.
Agenda Item No: 235.03	1.812 Ha. Barytes of Smt. P. Varalakshmi, at Sy.No. 208/A1 & A2 of Velpula Village, Vemula(M), YSR District, Andhra Pradesh- Violation TOR - Reg.
SIA/AP/MI N/23920/ 2018	<p>Category: B2 on par with B1 (Minor Mineral)</p> <p>The proposed project is for mining of Barytes in an area of 1.812 Ha with a proposed production quantity of - 1859 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 and their consultant, M/s Ecomen Laboratories Pvt Ltd, 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 erstwhile YSR Kadapa District. The same is reviewed in the SEAC meeting and the present mine lease details are mentioned at page No.102 of S.No 36 in the DSR.</p> <p>b) This is an existing lease area and the Department of Mines and Geology executed lease for the subject mine for a period of 20 years i.e., from 06.09.2003 to 05.09.2023.</p> <p>c) The Department of Mines and Geology issued 1st renewal (LoI) vide order dt. 02.06.2023 for a period of 20 years subject to submission of Approved Mining Plan, EC and CFE within a period of 01 year from the date of issue of LoI.</p> <p>d) The Committee noted that as per the cluster letter dated: 08.09.2023 issued by the District Mines & Geology Officer, Kadapa, there are 03 existing quarry leases within the radius of 500 mtrs area and all the three mines are granted prior to 09.09.2013. The total cluster area is < 5.0 Ha.</p> <p>e) As per the approved mining plan dt.18.08.2023, the total provided mineral reserves are 63242 T. The proponent proposed to excavate Barytes of 1859 TPA and Life of the mine is 34 years.</p>


Member Secretary
SEAC


Chairman
SEAC



- f) The committee noted that the proponent operated mine after 2016 without obtaining environmental clearance as required under EIA notification 2006 after promulgation of S.O. 141 (E) dt 15.01.2016 and hence to be treated as identified violation case as per OM 07.07.2021.
- g) The Hon'ble Supreme Court vide order dated the 27th February, 2012 in I.A. No.12-13 of 2011 in Special Leave Petition (Civil) No.19628-19629 of 2009, in the matter of Deepak Kumar etc. Vs. State of Haryana and Others etc., prior environmental clearance has now become mandatory for mining of minor minerals and the Central Government has published notification number S.O.141(E), dated the 15th January, 2016 making prior environment clearance mandatory for all minerals (major as well as minor) irrespective of size of the mine lease.
- h) NGT order in OA No 136 of 2017 (SZ): So under these circumstances, the application can be disposed of, giving the following directions: (i) The applications which are pending as on 31.3.2016 for Environment Clearance have to be treated as normal applications and not violation applications and the authorities are directed to dispose of those applications in accordance with law. 81 (ii) The persons who have not filed applications on or before 31.3.2016 and filed thereafter, can be treated as violation applications and the MoEF&CC /SEIAA is directed to dispose of those applications as violation cases in accordance with law. (iii) It is also made clear that all mining leases, either major or minor, even less than 5 hectares area, has to apply and get Environment Clearance as per the amended EIA Notification dated 15.1.2016. This will apply to the existing mining leases as well. The points are answered accordingly.
- i) The project proponent proposed for conventional underground mining method and proposes to adopt the hammer drilling and blasting by Wedge Cut method.
- j) **The committee noted that the subject mine is abutting to the velpula main road (SH51) and Velpula village habitation is existing at distance about 15m.**
- k) The committee informed the project proponent that minimum distance criteria of 200 mts is required from the Residential/Public Buildings, Inhabitated sites, etc., when blasting activities are involved as per the orders of the Hon'ble NGT dated 09.07.2023 in O.A.No.304 of 2019. The committee observed that to maintain 200 mts the entire lease area shall be ear marked as non-mining zone.
- l) **The project proponent informed that they are carrying out conventional underground mining with hammer drilling and blasting by Wedge Cut method since 2003.** It was informed that there are no objections raised by the nearby habitants with regard to vibrations and other pollution problems from the mine.
- m) The project proponent has also informed that National Institute of Rock Mechanics (NIRM) conducted vibrations study from the mines existing in the cluster and it was reported that there are no impacts on the road and also to the nearby habitations. Hence, the committee recommended the project proponent to obtain report from the mines safety department with regard to the impacts of the mining activity on the road abutting mine lease area and also to the human habitations in light of the orders of the Hon'ble NGT dated 09.07.2023 in O.A.No.304 of 2019.


Member Secretary
SEAC


Chairman
SEAC



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

	<p>The Committee after examining the project proposals, presentations, MoEF&CC Notifications & OMs and detailed deliberations, recommended to raise ADS for submission of</p> <ol style="list-style-type: none">Report from the Mines Safety Department and Department of Mines and Geology with regard to the impacts of the mining activity in the subject mine the adjacent habitations and the road abutting the subject mine [vide point 'j' as cited above] and in light of the orders of the Hon'ble NGT dated 09.07.2023 in O.A.No.304 of 2019.Latest 'Vibrations Study Report' for the subject mine from the concerned department/authority.
Agenda Item No: 235.04	Proposed Expansion of Existing Synthetic Organic Chemicals Manufacturing Unit of M/s. Chemtech Alkoxides Pvt. Ltd. Plot No.: N2, Phase-III, VSEZ, Duvvada Village, Gajuwaka Mandal, Vishakhapatnam District, Andhra Pradesh State - TOR - Reg.
SIA/AP/IN D3/44421 3/2023	<p>Category -B</p> <p>The Proposal of M/s. Chemtech Alkoxides Pvt. Ltd is for expansion of existing Synthetic Organic Chemicals Manufacturing unit (Sodium Methoxide) from 20 TPD to 40 TPD.</p> <p>The proposed project falls under Item 5(f) of the schedule of the EIA Notification 2006-Synthetic organic chemicals industry (dyes and dye intermediates; bulk drugs and intermediates excluding drug and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates).</p> <p>The representative of the project and their consultant, M/s Right source Industrial Solutions Pvt. Ltd., have attended the meeting and presented their proposal. The SEAC Committee noted that:</p> <ol style="list-style-type: none">SEIAA, A.P. vide order dated 11.12.2007 issued Environmental Clearance to M/s. Chemtech Alkoxides Pvt. Ltd, Plot - N2, VSEZ, Duvvada, Visakhapatnam District for manufacturing of Sodium Methoxide 30% solution -- 20 MT/day.The APPCB vide order dt. 22.12.2007 issued Consent to Establish and subsequently the APPCB issued Consent to Operate vide order dt. 22.09.2011 for manufacturing of Sodium Methoxide 30% solution -- 20 MT/day. The CTO was renewed from time to time and the latest CTO issued vide order 11.01.2023 with a validity upto 31.12.2027.The unit has proposed for expansion of production capacity from 20 MT/day to 40 MT/day with an additional project cost of Rs. 1.4 Crs.The unit has submitted the certified compliance on the conditions stipulated in the EC order dt. 11.12.2007 issued by IRO, Vijayawada, MoEF&CC, GoI and the IRO recommended that "Minor non-compliances detected (not of immediate danger to health & safety of the people) & 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",The committee noted that Ministry of Commerce and Industry department, GoI, vide Gazette dt. 15.03.1989 allotted the Visakhapatnam Export Processing Zone (VEPZ) Visakhapatnam in the state of Andhra Pradesh into Special Economic zone (VSEZ).The committee noted that Ministry of Commerce and Industry department, GoI vide Gazette no. 321 dt. 19.12.2002 converted the Visakhapatnam Export Processing Zone


Member Secretary
SEAC



Chairman
SEAC



(VEPZ), Visakhapatnam in the State Of Andhra Pradesh Into Special Economic Zone (VSEZ).

- g) The MoEF&CC, GoI, vide OM dt. 27.04.2018 provided Exemption from public consultation for the 5 (f) projects/activities (dyes and dye intermediates; bulk drugs and intermediates excluding drug and intermediates excluding drug formulations; synthetic rubbers; basic organic chemicals, other synthetic organic chemicals and chemical intermediates) located within the industrial Estates/parks, Notified prior EIA notification dt. 14.09.2006.
- h) The Committee noted that the proposed site of the industry is in notified industrial estate i.e., Visakhapatnam Special Economic zone (VSEZ) notified vide Gazette dt. 19.12.2002 which is prior to the EIA Notification dt. 14.09.2006 and hence, public hearing is not applicable to the proposed expansion activity.
- i) The unit has proposed carryout expansion in the existing premises of 12,047.29 Sq. meters and no additional land will be required for the proposed expansion. The unit proposes to manufacture in Group - A & Group - B products (any one product at any point the time) with a maximum production capacity of 40 TPD. The details of the existing and proposed products along with quantities are as follows:

Sl. No.	Name of the Product	Quantity in existing CTO order (in TPD)	Proposed quantity (in TPD)
Group - A			
1.	Magnesium Ethoxide (10%) solution in ethanol from hydroxide route (or) Magnesium Ethoxide (10%) solution in ethanol from metal route	---	20.00
2.	Magnesium Methoxide (7.5%) solution in methanol from hydroxide route (or) Magnesium Methoxide (7.5%) solution in methanol from metal route.	---	20.00
3.	Magnesium tertiary Butoxide (10%) solution in tert-butanol from hydroxide route (or) Magnesium tertiary Butoxide (10%) solution in tert-butanol from metal route	---	20.00
4.	Potassium Ethoxide (24%) solution in ethanol from hydroxide route (or) Potassium Ethoxide (24%) solution in ethanol from metal route	---	20.00
5.	Potassium Methoxide (32%) solution in methanol from hydroxide route (or) Potassium Methoxide (32%) solution in methanol from metal route	---	
6.	Potassium tertiary Butoxide (32%) solution in tert-butanol from hydroxide route (or) Potassium tertiary Butoxide (32%) solution in tert-butanol from metal route	---	20.00
7.	Sodium Ethoxide (21%) solution in ethanol from hydroxide route (or) Sodium Ethoxide (21%) solution in ethanol from metal route	---	20.00
8.	Sodium Methoxide (30%) solution in methanol from hydroxide route (or) Sodium Methoxide (30%) solution in methanol from metal route	20.00 .	20.00
9.	Sodium tertiary Butoxide (15%) solution in tert-butanol from hydroxide route (or) Sodium tertiary Butoxide (15%) solution in tert-butanol from metal route	---	20.00


Member Secretary
SEAC


Chairman
SEAC



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

Total Group-A (Any one product will be manufactured at any given point of time)			20.00
Group - B			
1.	Magnesium Ethoxide Powder from metal route (or) Magnesium Ethoxide 99% Powder from hydroxide route	----	20.00
2.	Magnesium Methoxide Powder from metal route (or) Magnesium Methoxide 99% Powder from hydroxide route	----	20.00
3.	Magnesium tertiary Butoxide Powder from metal route (or) Magnesium tertiary Butoxide 99% Powder from hydroxide route	----	20.00
4.	Potassium Ethoxide Powder from metal route (or) Potassium Ethoxide 99% Powder from hydroxide route	----	20.00
5.	Potassium Methoxide Powder from metal route (or) Potassium Methoxide 99% Powder from hydroxide route	----	20.00
6.	Potassium tertiary Butoxide Powder from metal route (or) Potassium tertiary Butoxide 99% Powder from hydroxide route	----	20.00
7.	Sodium Ethoxide Powder from metal route (or) Sodium Ethoxide 99% Powder from hydroxide route	----	20.00
8.	Sodium Methoxide Powder from metal route (or) Sodium Methoxide 99% Powder from hydroxide route	----	20.00
9.	Sodium tertiary Butoxide Powder from metal route (or) Sodium tertiary Butoxide 99% Powder from hydroxide route	----	20.00
Total Existing Production capacity		20.00	---
Total Group-B (Any one product will be manufactured at any given point of time)			20.00
Grand Total (Group-A + Group-B)			40.00 TPD

j) The committee noted that, the source of water supply is from VSEZ, Duvvada and the details of existing and proposed water consumption are as follows:

S. No	Purpose	Existing water consumption in KLD	Proposed water consumption in KLD
1	Boilers operations	---	87.00
2	Cooling towers operations	20.0	104.00
3	Domestic	1.0	1.50
4	Gardening	---	12.00
Total		21.0	204.5

k) The effluent generation after expansion will be 14.3 KLD which is from boilers blow down and domestic usage. The effluent generated from Boilers Blow down after necessary treatment will be used for gardening purpose and domestic effluent will be sent to septic tank followed by soak pit. The effluent generation details are as follows:

S. No	Purpose	Existing waste water generation in KLD	Proposed wastewater generation after Expansion in KLD
1	Boiler blow down	---	13.00
2	Domestic	0.8	1.30
3	Process	---	16.687
Total		0.8	30.987


Member Secretary
SEAC


Chairman
SEAC



Note: on worst case scenario from Group- A and Group - B wastewater from the process is 16.687 KLD from Hydroxide route products.

- l) The committee noted that the project proponent has developed green belt in an area of 0.74 Acres only and the details of Land Use are as follows:

S. No.	Description	Area in Sq Meters		Area in %
		Existing	Proposed	
1	Built-up Area	735.30	1169.45	15.81
2	Existing Greenery Area	3978.00		33.02
3	Roads and Open Area	6164.54		51.17
Total		12047.29		100.00

- m) The unit has 1 no. of 3 TPH coal fired boiler to meet the steam requirement for the existing activity and the project proponent proposed an additional 1 no. of 10 TPH briquettes / coal fired boiler for the expansion activity. The unit has proposed to provide APCE i.e., bag filter to control flue gas emission for the 10 TPH boiler and also propose provide online emission monitoring system for the 10 TPH boiler.
- n) The committee noted that there is no generation of hazardous waste from the process operations and noted that the used oils, detoxified containers, used lead acid batteries are proposed to disposed to authorized agenesis.
- o) The project proponent informed that there is no violation as per the EIA notification, 2006, no court case is pending against the proposal and no direction issued under E(P) Act/Air Act/Water Act.

The Committee after examining the project proposals, presentations, MoEF&CC' Notifications & OMs and detailed deliberations, recommended **to issue** Standard Terms of Reference without public hearing with the following additional conditions.

1. The project proponent shall prepare EIA and EMP.
2. The project proponent shall submit approval from VSEZ for withdrawal of water of 204.5 KLD.
3. The unit shall provide APCE i.e., bag filter to control flue gas emission for the 10 TPH boiler and shall provide online emission monitoring system for the 10 TPH boiler.
4. The unit shall action plan for complying with the standards issued by the CPCB for the process emissions and tank farm vents.
5. The unit shall action plan for complying with the recommendations of High Power Committee constituted on accident occurred in M/s. LG Polymers, Visakhapatnam
6. The industry shall prepare a compatibility chart of all the raw materials and shall use the same for employee training.
7. The industry shall submit action plan for the implementation of the recommendations brought out in the HAZOP and Risk Assessment studies including onsite & offsite emergency plan as per the provisions of MSHIC Rules.
8. The project proponent shall submit Water quality /analysis data of surface water bodies nearer to the site.
9. The project proponent industry shall submit details of VOC monitor in the premises and shall submit details of measures taken to control odour nuisance to the neighbouring community.
10. The project proponent industry shall submit details of ETP and collection tanks over and above ground level in order to avoid seepage into ground water.


Member Secretary
SEAC


Chairman
SEAC



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

	<p>11. The project proponent industry shall submit details of collection pits for storage of first flush rainwater with an arrangement to pump the water to the ETP for treatment.</p> <p>12. The project proponent shall submit the details of the total Employment including direct & indirect.</p>
Agenda Item No: 235.05	3.00 Ha. Gravel mine of M/s GK Infra at Survey No: 89/6 of Sancham Village, Ranasthalam Mandal, Srikakulam District, Andhra Pradesh - Environmental clearance - Reg.
SIA/AP/MI N/444892 /2023	<p>Category: B2-(Minor mineral).</p> <p>The proposed project is for mining of Gravel in an area of 3.0 Ha. with a proposed production quantity of Gravel - 57,315 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. Space Enviro Labs, Hyderabad 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 erstwhile Srikakulam District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the cluster to the subject mine.The Department of Mines and Geology issued Letter of Intent (LOI) vide order dt. 22.08.2023 for a period of 5 years subject to submission of Approved Mining Plan, EC and CFE within a period of 3 years from the date of issue of LOI.The Committee noted that as per the cluster letter dated: 15.09.2023 issued by the District Mines & Geology Officer, Srikakulam, there are no existing quarry leases and one LOI was issued within the radius of 500 mtrs area. The total cluster area is < 5.0 Ha.As per the approved mining plan dt. 08.09.2023, the total provided mineral reserves are 3,43,854 m³ of Gravel. The proponent proposed to excavate - 57,315 m³/annum and Life of the mine is 6 years.The committee noted that nearest habitation is existing about 250m towards Eastern side and Vermi compost plant is existing at a distance of about 60 meters in the western side from the subject mine.The project proponent furnished approved mining plan as per the NGT norms duly earmarking an area of 0.44 Ha as non-mining zone for maintaining 100 meters distance from the Vermi compost plant to comply with the orders of the Hon'ble NGT dated 09.07.2020 in OA No 304/2019.The committee noted that toe/ slope of the hill is towards Western and Southern side of the mine lease area. Hence, committee directed the project proponent to provide 600m trench with rock bund on Western side and Southern side of the subject mine to prevent surface runoff entering into the nearby Agricultural crops.The project proponent allocated Rs. 6.17 Lakhs as capital cost and Rs. 4.17 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water


Member Secretary
SEAC


Chairman
SEAC



	<p>treatment plant, Road maintenance to the Sancham an Punnapalem 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 Gravel - 57,315 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 600m trench with rocky bund on Western and Southern Side to prevent surface runoff.11. The project proponent shall maintain 0.44 Ha as non-mining zone towards the Vermi compost plant to comply with orders of the Hon'ble NGT.
Agenda Item No. 235.06	36.600 Ha Quartzite, White Shale & Yellow ochre Mine of M/s Mangalore Mineral Traders at Sy. No. 730/P of Mangapatnam Village, Muddanur Mandal, Y.S.R District - 516 380, Andhra Pradesh -Environmental Clearance Extension - Reg.
SIA/AP/MIN/306975/2023	<p>Category: B1.</p> <p>The representative of the project and their consultant M/s. Ecomen Private Limited have attended the meeting and presented the proposal. The SEAC committee noted that:</p> <ol style="list-style-type: none">a) The SEIAA, A.P., issued Environmental Clearance to M/s Mangalore Mineral Traders vide order dt. 01.09.2017 for mining of Quartzite, White Shale & Yellow ochre Mine- 4,16,000 TPA over an extent of 40.469 Ha and the validity of EC order is for a period of 6 years i.e., upto 30.08.2023.b) Later, the SEIAA, A.P issued extension of Environmental clearance to M/s Mangalore Mineral Traders vide order dt 20.09.2022 for mining of Quartzite, White Shale & Yellow ochre Mine- 4,16,000 TPA over an extent of 40.469 Ha and the Extension of Environmental Clearance is valid up to 28.07.2023.c) The Department of Mines and Geology vide letter issued renewal of Lol vide order dt. 04.11.2023 for mining of Quartzite, White Shale & Yellow ochre over an extent of 36.600 Ha for a period up to 28.07.2033.


Member Secretary
SEAC


Chairman
SEAC



MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON – 12th & 13th December, 2023 AT VIJAYAWADA, A.P.

- d) Now the project proponent has applied for extension of EC, reduction of extent of the mine from 40.469 Ha to 36.60 Ha and also reduction of production capacity of Quartzite, White Shale & Yellow ochre from 4,16,000 TPA to 3,76,000 TPA.
- e) The Department of Mines and Geology submitted DSR of erstwhile YSR District. The same is reviewed in the SEAC meeting and the present mine lease details are mentioned at page No.96 of S.No 44 in the DSR.
- f) As per the approved mining plan dt. 27.11.2023, the total proved mineral reserves are 1,01,62,692 T and the proponent proposed to excavate 3,76,000 TPA and life of the mines is 27.0 years.
- g) The project proponent furnished production and dispatch details issued by District Mines and Geology officer (FAC), YSR Kadapa vide letter d. 01.12.2023 and proponent excavated 1,29,358 T during the period from 2003-04 to 27.08.2023.
- h) The committee directed the project proponent to provide fencing towards 3.545 Ha of deleted area (patta land) and also directed the proponent to maintain 50m buffer zone towards patta land.
- i) The committee verified the application, mining plan dt. 27.11.2023 and noted that the estimated recovery is @ 90% and @ 10 % Quartzite waste will be generated in the quarry lease. The committee directed the project proponent to procure 1.0 Ha additional land for waste disposal.

The Committee after examining the project proposals, presentations, MoEF&CC Notifications & OM's and detailed deliberations, recommended **to issue the EC-Extension** for a period up to 28.07.2033 for mining of Quartzite, White Shale & Yellow ochre- 3,76,000 TPA over an extent of 36.600 Ha with following conditions:

1. The project proponent shall maintain the village road along with cluster partner.
2. The project proponent shall procure 1.0 Ha additional land for waste disposal.

Agenda Item No: 235.07	2.695 Ha. Sand (others) Industrial Purpose Mining Project of M/s. Manojna Traders, at Sy. No. 140/3 and 141/P of Prakkilanka Village, Tallapudi Mandal, East Godavari District, Andhra Pradesh – EC – Reg.
SIA/AP/MI N/453763 /2023	Category: B2 The proposed project is for mining of Sand (others) in an area of 2.695 Ha. with a proposed production quantity of –15,041 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. Pollucare Engineers Pvt Ltd, have attended the meeting and presented their proposal. The SEAC Committee noted that: a) The Department of Mines and Geology submitted DSR of erstwhile West Godavari District. The same is reviewed in the SEAC meeting and the present mine lease details are mentioned at page No.84 of S.No 114 in the DSR.


Member Secretary
SEAC


Chairman
SEAC



- b) The project proponent has proposed open cast mining by manual excavation in the river bed of Godavari over an extent of 2.695 Ha. (Government Land) at Sy. No. 140/3 and 141/P of Prakkilanka Village, Tallapudi Mandal, East Godavari District.
- c) The project proponent informed that sand (others) is used for industrial purpose and the excavated portion of sand (others) will be naturally refilled by stream within a small amount of time period. So that the slicing quarry operating method will be adopted as the sand (others) is a loose sediment and cannot stay at constant position during excavation.
- d) The manual excavation is being carried out to a depth of 2 meters by engaging labours and the excavated sand (other) is proposed to be sieved with two types of meshes- i.e., 16/30 granules used in the pesticide formulation units and other size 30/80 granules is used in the wall putty manufacturing units.
- e) The Ministry of Mines, Govt. of India, New Delhi vide S.O No.423 (E), dt:10.02.2015 declared (31) Minerals as Minor Minerals and Sand (others) is listed at Sl. No. 27 as a minor mineral.
- f) The District Level Environment Impact Assessment authority (DEIAA) issued Environmental clearance vide dt. 17.02.2018 to M/s. Manojna Traders for mining of Sand (others) open excavation - 15,041 TPA over an extent of 2.695 Ha and same is valid for a period of 5 years i.e., upto 16.02.2023.
- g) The project proponent has submitted the production details for the period from 2018 - 19 to 2022-23 and has excavated 3,602 tons in 2018-19, 4,178 tons in 2019-20, 980 tons in 2020-21, 6,100 tons in 2021-22 and 13,260 in 2022-23 as against the permitted quantity of 15,041 Tons/ annum.
- h) The Department of Mines and Geology issued 1st renewal Letter of Intent (LOI) vide order dt. 20.07.2023 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 Lol.
- i) The Committee noted that as per the cluster letter dated: 22.11.2023 issued by the District Mines & Geology Officer, Rajamahendravaram, there are no existing quarry leases within the radius of 500 meters area. The total cluster area is < 5.0 Ha.
- j) As per the approved mining plan dt. 08.09.2023, the total provided mineral reserves are 6,07,215 T. The proponent proposed to excavate -15,041 TPA and Life of the mine is 40 years.
- k) The committee directed the project proponent to utilize mineral i.e., sand (others) only for industrial purpose (pesticide formulation units and wall putty manufacturing units) and shall be excavated manually.
- l) The committee observed that during the monsoon season (floating) the boundary pillars fixed by the project proponent will erode due to the flow in the river bed and directed the project proponent to fix boundary pillars with Geo-Coordinates of mine lease area after the rainy season.
- m) The project proponent allocated Rs. 4.5 Lakhs as capital cost and Rs. 1.95 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant, Road maintenance to the Muggulla village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.

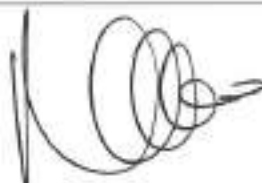

Member Secretary
SEAC


Chairman
SEAC



MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.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 Sand (others) open excavation - 15,041 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.2. The project proponent shall separate the sand (others) into two sizes 16/30 & 30/80 granules through sieving in the mine lease area and shall not carry out any operations outside the lease area.3. The boundary pillars shall be erected with geo co-ordinates marked on them.4. The project proponent shall develop greenbelt of 1km along village Roads.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 vehicles movement during the peak hours to avoid accidents.10. The project proponent shall fix boundary pillars every year.11. No sand mining shall be done during the rainy season.12. Under any circumstances under water sand mining shall not be carried out.13. The standard environmental conditions for sand mining specified in the Sustainable Sand Mining Guidelines, issued by MoEF&CC, Govt of India, 2020 shall be followed.14. The mine operator shall not carry mining more than 2 meters depth as specified in the approved mining plan.
Agenda Item: 235.08	1.0 Ha. Mining of Road metal & Building stone of Smt. Kalidindi Lakshmi at Sy.No.43, Ippalavalasa Village, Seethanagaram Mandal, Vizianagaram District, Andhra Pradesh - Environmental Clearance - Reg.
A/AP/MIN /452740/ 2023	<p>Category: B2 at par with B1 (Minor mineral):</p> <p>The proposed project is for mining of Road Metal & Building Stone in an area of 1.0 Ha. with a proposed production quantity of Road Metal and Building Stone -45,000 m³/annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.</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 and their consultant, M/s. Ecomen labs have attended the meeting and presented their proposal. The SEAC Committee noted that:</p> <ol style="list-style-type: none">a) The Department of Mines and Geology submitted DSR of erstwhile Vizianagaram District. The same is reviewed in the SEAC meeting and observed that the mineral content is available at page no. 77 of S.No 33 in DSR.


Member Secretary
SEAC


Chairman
SEAC



- b) The SEIAA, A.P., issued violation TOR without public hearing to Sri K. Sudheer Varma vide order dt. 20.09.2022 for mining of Road metal & Building Stone - 10,038 m³/annum and the valid of TOR order is valid for 4 years.
- c) The Department of mines and Geology vide order dt. 27.04.2023 declared Smt. Kalindi Lakshmi, Mother of Late K Sudheer Varma as a successor (Legal Heir) to lessee and permitted Smt. Kalindi Lakshmi to carry out mining operations in the subject mine for the unexpired portion of the lease period up to 21.02.2025.
- d) The SEIAA, A.P issued TOR amendment dt.03.11.2023 for enhancement of capacity of Road Metal & Building Stone from 10,038 m³/annum to 45,000 m³/annum in favour of Smt. K. Lakshmi (Lessee).
- e) As per the approved mining plan dt. 31.08.2023, the total provided mineral reserves are 1,71,350 m³. The proponent proposed to excavate Road Metal & Building stone - 45,000 m³ /annum and Life of the mine is 4.0 years.
- f) The Base line data was collected from oct, 2022 to Dec, 202 and the predominant wind direction is observed to be North West to South East. The maximum concentration of SPM(PM₁₀) is observed to be 62.0 µg/m³. The incremental concentration is 1.28 µg/m³ and GLC of SPM will fall within the mine lease area.
- g) The project proponent allocated Rs. 6.43 Lakhs as capital cost and Rs. 5.6 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant & Health camps with supply of medicine to the Kanchugummala village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine.
- h) S.O No 804 dt 14.03.2017 compliance:
- Credible action was initiated vide CC No 797/2023 in the court of IInd Additional Junior Civil Judge, Bobbili.
 - The project proponent submitted undertaking on 23.08.2022 stating that the violation will not be repeated.
 - The project proponent has submitted remediation and resource augmentation plan with a cost of Rs 1,7400/-and uploaded the acknowledged BG submitted at APPCB, Regional office, viziangaram on 13.12.2023.
 - The project proponent submitted production dispatch letter issued by ADMG (FAC) Vizianagaram vide letter dt.16.05.2023.
 - The Penalty was calculated in compliance with SOP issued by MoEF&CC, Gol 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.16.05.2023	Turnover during violation period in Rs as reported by the mining department vide letter dt.16.05.2023	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

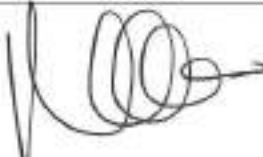

Member Secretary
SEAC


Chairman
SEAC



MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.

	Rs. 20,00,000/-	Mining Road metal & Building stone 2771 Cum	Rs. 4,47,560/-	Rs. 30,000/-	Rs. 1,119/-	Rs. 21,119/-
	i) The project proponent has uploaded the acknowledged payment of penalty amount of Rs. Rs. 21,119/- at APPCB Board Office Vijayawada on 12.12.2023. The Committee after examining the project proposals, presentations, mining plan, MoEF&CC Notifications & OMs EIA Reports, and detailed deliberations, recommended to issue Environmental Clearance for mining of Road Metal and Building Stone -45,000 m ³ /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. 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 provide 385m trench on Southern, Eastern side to prevent surface runoff. 12. The project proponent shall obtain Buffer zone removal permission.					
Agenda Item: 235.09	2.390 Ha. Mining of Road Metal, Building Stone & Gravel of Sri. L. Dastagiri Reddy at Sy. No. 2267 (old No.1910) of Nandyalameta Village, Mydukur Mandal, Y.S.R Kadapa District, Andhra Pradesh - TOR - Reg.					
SIA/AP/MI N/445055 /2023	Category: B2 on par with B1 (Minor Mineral). The proposed project is for mining of Road Metal, Building Stone & Gravel in an area of 2.390 Ha with a proposed production quantity of Road Metal, Building Stone - 1,01,133 m ³ /annum & Gravel - 55,951 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. 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).					


Member Secretary
SEAC


Chairman
SEAC



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

- a) The Department of Mines and Geology submitted DSR of erstwhile YSR Kadapa District. The same is reviewed in the SEAC meeting and the present mine lease details are mentioned at page No.101 of S.No 95 in the DSR.
- b) This is an existing lease area and the Department of Mines and Geology issued 1st renewal Letter of Intent (LOI) vide order dt. 14.08.2023 for a period of 10 years subject to submission of Approved Mining Plan, EC and CFE within a period of 01 year from the date of issue of Lol.
- c) The Committee noted that as per the cluster letter dated: 29.08.2023 issued by the District Mines & Geology Officer, Kadapa, there is one existing quarry leases within the radius of 500 mtrs area. The total cluster area is < 5.0 Ha.
- d) As per the approved mining plan dt.25.08.2023, the total provided mineral reserves are 6,91,015 m³ of Road metal and building stone and Gravel of 3,62,801 m³. The proponent proposed to excavate Road Metal and building stone of 1,01,133 m³/annum and Gravel - 55,951 m³/annum and Life of the mine is 6.83 years.
- e) From the timeline in the KML file, the committee noted that the proponent operated mine after 2016 without obtaining environmental clearance as required under EIA notification 2006 after promulgation of S.O. 141 (E) dt 15.01.2016 and hence to be treated as identified violation case as per OM 07.07.2021.
- f) The Hon'ble Supreme Court vide order dated the 27th February, 2012 in LA. No.12-13 of 2011 in Special Leave Petition (Civil) No.19628-19629 of 2009, in the matter of Deepak Kumar etc. Vs. State of Haryana and Others etc., prior environmental clearance has now become mandatory for mining of minor minerals and the Central Government has published notification number S.O.141(E), dated the 15th January, 2016 making prior environment clearance mandatory for all minerals (major as well as minor) irrespective of size of the mine lease.
- g) NGT order in OA No 136 of 2017 (SZ): So under these circumstances, the application can be disposed of, giving the following directions: (i) The applications which are pending as on 31.3.2016 for Environment Clearance have to be treated as normal applications and not violation applications and the authorities are directed to dispose of those applications in accordance with law. 81 (ii) The persons who have not filed applications on or before 31.3.2016 and filed thereafter, can be treated as violation applications and the MoEF&CC /SEIAA is directed to dispose of those applications as violation cases in accordance with law. (iii) It is also made clear that all mining leases, either major or minor, even less than 5 hectares area, has to apply and get Environment Clearance as per the amended EIA Notification dated 15.1.2016. This will apply to the existing mining leases as well. The points are answered accordingly.

The Committee after examining the project proposals, presentations, MoEF&CC Notifications & OMs and detailed deliberations, recommended to **issue** specific (Violation) Terms of Reference for mining of Road Metal, Building Stone- 1,01,133


Member Secretary
SEAC



Chairman
SEAC



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

m³/annum & Gravel - 55,951 m³/annum without Public Hearing and with following additional conditions:

1. The project proponent shall prepare cluster EIA& EMP.
2. The project proponent shall prepare a detailed plantation plan including no. of species and type of species and area of land allocated for greenbelt and also allocate specific place to develop green belt at surrounding villages.
3. The project proponent shall submit surface runoff prevention measures plan.
4. The project proponent shall submit a transportation plan for mineral transportation.
5. The project proponent shall submit plan for Restoration of benches and buffer zone in remediation plan and the cost of restoration of benches and buffer zone should be included in Bank guarantee.
6. The proponent is liable to pay the penalties as levied by the concerned competent authority, as per the OM No.28.1.2022 and clause No 12 of SOP dated 07-07-2021, duly incorporating the total production during the violation period and submit the calculation of penalties based on the project cost and the total turnover during the violation period.
7. Credible action to be initiated through concerned regional office, APPCB under section 15 read with section 19 of E(P) Act 1986.
8. The project proponent shall carry assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants. The collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under Environment (Protection) Act, 1986, or an environmental laboratory accredited by National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of a Council of Scientific and Industrial Research institution working in the field of environment.
9. The project proponent shall ensure implementation of Environmental Management Plan, comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefit derived due to violation.
10. The project proponent will be required to submit a bank guarantee equivalent to the amount of remediation plan and Natural and Community Resource Augmentation Plan with the State Pollution Control Board.
11. The project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in writ petition (Civil) No.144 of 2014 in the matter of common cause versus union of India and Ors. The undertaking inter-alia includes commitment of the PP not to repeat any such violation in future.
12. The project proponent shall submit proof of Bank Guarantee submission as per S.O.No.804 (E) dated 14.03.2017 and payment of penalty amount as per OM dated 07.07.2021.


Member Secretary
SEAC


Chairman
SEAC



MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.

Agenda Item: 235.10	7.900 Ha. Mining of Road Metal & Building Stone of Sri P. Ksheera Sagara Reddy at Sy.No: 260/5 Part (Old Sy.No:12) Kakavedu Village, Nagari Mandal of Chittoor District, Andhra Pradesh - EC - Reg.
SIA/AP/MI N/453871 /2023	<p>Category: B2 at par with B1 (Minor mineral).</p> <p>The proposed project is for mining of Mining of Road Metal & Building Stone in an area of 7.90 Ha. with a proposed production quantity of 2,42,682 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. VVN Technologies Pvt. Ltd, Hyderabad, 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 erstwhile Chittoor District. The same is reviewed in the SEAC meeting and observed that the mineral content is available at Pg. No. 132 & S.No 240 in DSR.The Department of Mines and Geology issued Extension Letter of Intent (LOI) vide order dt. 29.08.2023 for a period of 10 years subject to submission of Approved Mining Plan, EC and CFE within a period of 1 years from the date of issue of Lol.As per the approved mining plan dt. 05.03.221, the total provided mineral reserves are 29,73,637 m³. The proponent proposed to excavate 2,42,682 m³/annum and Life of the mine is 12.2 years.The Nagarimu Konda RF is existing at a distance about 0.36KM and the proponent submitted Forest NOC issued DFO, Chittoor vide letter dt. 24.02.2023.The project proponent has obtained Standard TOR on 23.01.2023 and public hearing was held on 21.09.2023.Major Issues raised in the public hearing: Road Damages, Employment, bore wells, Dust problems, drainage and cattle grazing issues, are the specific issues raised during the public hearing.Response of the management during the public hearing: Sri P Ksheera Sagara Reddy, Managing Partner of the proposed mining project and Sri P Suri Naidu, Environmental Consultant of the proposed project M/s. VVN Technologies Pvt Ltd while addressing the concerns of the Public during public hearing answered the following:<ol style="list-style-type: none">All the suggestions made during the public hearing will be taken into the consideration and will be addressed.The transportation vehicles will not be used the village roads and they are proposed to lay separate road without causing any inconvenience to the surrounding villages.Blasting operations will be carried out in the form of controlled sequential blasting operations.Thick plantation will be developed with 1800 No of trees.


Member Secretary
SEAC


Chairman
SEAC



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

- v. Most of the jobs will be under the control of District Administration. However, they will try to coordinate with District Administration for spending the same at project effected villages.
- h) The Base line data was collected from Jan, 23 to March, 2023 and the predominant wind direction is observed to be North East to South West. The maximum concentration of SPM(PM10) is observed to be 64 µg/m³. The incremental concentration is 9.36 µg/m³ and GLC of SPM will fall within the mine lease area.
- i) The project proponent allocated Rs. 10.70 Lakhs as capital cost and Rs. 5.05 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant, Road maintenance to the Kakavedu 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 and EIA Report, PH minutes, detailed deliberations, recommended to **issue** Environmental Clearance for mining of Mining of Road Metal & Building Stone - 2,42,682 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 plant 1800 no of the plants along the 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 Forest NOC dt. 24.02.2023.
11. The project proponent shall comply with the promise made/given in the public hearing.

Agenda Item No: 235.11 **3.404 Ha. Colour Granite of M/s. S.S. Granites and Rocks at Sy. No.559 Part, Valasapalli Village, Madanapalli Mandal, Anamayya District, Andhra Pradesh - EC - Reg.**

SIA/AP/MI N/444956 /2023 **Category: B2 at par with B1 (Minor mineral).**
The proposed project is for mining of Mining of Colour Granite in an area of 3.404 Ha. with a proposed production quantity of 5936 m³/annum with a condition that the total production during a scheme should be limited to the approved quantity as per Mining scheme/ plan.


Member Secretary
SEAC


Chairman
SEAC



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. SV Enviro Labs & Consultants, Hyderabad, have attended the meeting and presented their proposal. The SEAC Committee noted that:

- a) The Department of Mines and Geology submitted DSR of erstwhile Chittoor District. The same is reviewed in the SEAC meeting and observed that the mineral content (colour granite) in the village is mentioned at Pg. No. 78 & S.No. 762 in DSR.
- b) The Department of Mines and Geology issued Extension Letter of Intent (LOI) vide order dt. 25.10.2023 for a period of 20 years subject to submission of Approved Mining Plan, EC and CFE within a period of 1 years from the date of issue of LOI.
- c) The Committee noted that as per the cluster letter dated: 14.09.2023 issued by the District Mines & Geology Officer, Annamayya, there is one existing quarry leases within the radius of 500 mtrs area. The total cluster area is < 5.0 Ha.
- d) As per the approved mining plan dt. 24.07.2021, the total provided mineral reserves are 1,37,036 m³. The proponent proposed to excavate 5,936 m³/annum and Life of the mine is 23 years.
- e) The Arantlapalle R.F is about 472m to subject mine and the Project Proponent submitted Forest NOC issued by DFO Annamayya District vide order dt.20.03.2023
- f) The project proponent allocated Rs. 5.5 Lakhs as capital cost and Rs. 4.79 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide 2 nos of oxygen concentrators and 2 nos of surgical beds to the PHC of Valasapalli 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 and detailed deliberations, **recommended to issue Environmental Clearance** for mining of Colour Granite - 5,936 m³/annum with following conditions:

1. The proponent shall comply with the proposals furnished in the Environmental management plan
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.


Member Secretary
SEAC


Chairman
SEAC



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

	<p>8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.</p> <p>9. The project proponent shall not disturb surrounding agricultural lands.</p> <p>10. The project proponent shall provide 380m trench on southern and Eastern side to prevent surface runoff.</p> <p>11. The project proponent shall provide 1.0 Ha of additional land for waste disposal as the 85% of mineral content is a granite waste.</p>
Agenda Item No: 235.12	1.00 Ha. Gravel of M/s GK INFRA at Survey No. 172, Naruva Village, Ranasthalam Mandal, Srikakulam District, Andhra Pradesh - EC - Reg.
SIA/AP/MI N/445097 /2023	<p>Category: B2 (Minor mineral).</p> <p>The proposed project is for mining of Gravel in an area of 1.0 Ha with a proposed production quantity of Gravel - 22,675 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. Space Enviro Labs, Hyderabad 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 erstwhile Srikakulam District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the cluster to the subject mine.The Department of Mines and Geology issued Letter of Intent (LOI) vide order dt. 22.08.2023 for a period of 5 years subject to submission of Approved Mining Plan, EC and CFE within a period of 3 years from the date of issue of Lol.The Committee noted that as per the cluster letter dated: 15.09.2023 issued by the District Mines & Geology Officer, Srikakulam, there is one existing quarry leases and one Lol mine within the radius of 500 mtrs area. The total cluster area is < 5.0 Ha.As per the approved mining plan dt. 08.09.2023, the total provided mineral reserves are 1,21,533 m³ of Gravel. The proponent proposed to excavate - 22,675 m³/annum and Life of the mine is 5 years.The project proponent allocated Rs. 3.59 Lakhs as capital cost and Rs. 2.96 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant, Road maintenance to the Naruva 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 Clearance for mining of Gravel - 22,675 m³/annum with following conditions:</p>


Member Secretary
SEAC


Chairman
SEAC



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.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 250 trench with rocky bund on Southern Side to prevent surface runoff.
Agenda Item No: 235.13	4.900 Ha. Morrum, Gravel & Ordinary Earth of M/s. Sri Venkateswara Mineral Trading at Sy.NO: 149/P of Utukuru Village, Rajampeta Mandal, Annamayya District, Andhra Pradesh - EC - Reg.
SIA/AP/MI N/445151 /2023	Category: B2 (Minor mineral). The proposed project is for mining of Morrum, Gravel & Ordinary Earth in an area of 4.90 Ha with a proposed production quantity of 72,440 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. 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. Ecomen Labs, Hyderabad have attended the meeting and presented their proposal. The SEAC Committee noted that: a) The Department of Mines and Geology submitted DSR of erstwhile Chittoor District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the cluster to the subject mine. b) The Department of Mines and Geology issued Letter of Intent (LOI) vide order dt. 04.05.2023 for a period of 5 years subject to submission of Approved Mining Plan, EC and CFE within a period of 1 years from the date of issue of Lol. c) The Committee noted that as per the cluster letter dated: 13.09.2023 issued by the District Mines & Geology Officer, Annamayya District, there are no existing quarry


Member Secretary
SEAC


Chairman
SEAC



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

	<p>leases and one Lol mine within the radius of 500 mtrs area. The total cluster area is < 5.0 Ha.</p> <p>d) As per the approved mining plan dt. 31.07.2023, the total provided mineral reserves are 3,32,200 m³. The proponent proposed to excavate - 72,440 m³/annum and Life of the mine is 5 years.</p> <p>e) The project proponent allocated Rs. 6.7 Lakhs as capital cost and Rs. 3.87 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant, Road maintenance to the Utukuru 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 Morrum, Gravel & Ordinary Earth - 72,440 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 600 trench with rocky bund on Southern Side to prevent surface runoff.
Agenda Item No: 235.14	0.500 Ha. Road Metal & Building stone of M/s Parameswari Industries, at Sy. No.07, Sompuram Village, Vepada Mandal, Vizianagaram District, Andhra Pradesh - EC - Reg.
SIA/AP/MI N/445166 /2023	The project proponent and also their consultant have not attended the meeting and the committee recommend to raise ADS seeking reasons for not attending the meeting and also to place this case only after the project proponent request the SEAC to place their proposal in the SEAC meeting.
Agenda Item: 235.15	1.0 Ha. Road Metal and Building Stone Quarry in M/S PARAMESWARI INDUSTRIES, Sy. Nos. 07, Sompuram Village, Vepada Mandal, Vizianagaram District, Andhra Pradesh - EC- Reg.
SIA/AP/MI N/445075 /2023	The project proponent and also their consultant have not attended the meeting and the committee recommend to raise ADS seeking reasons for not attending the meeting and


Member Secretary
SEAC


Chairman
SEAC



	also to place this case only after the project proponent request the SEAC to place their proposal in the SEAC meeting.
Agenda Item: 235.16	1.874 Ha. mining of Black Granite of M/S DASTAGIRI SWAMY GRANITES, at Sy.No. 164/1P & 113/P, Sankavaram Village, Kanigiri Mandal, Prakasam District Andhra Pradesh - EC- Reg.
SIA/AP/MI N/446129 /2023	<p>Category: B2 (Minor mineral).</p> <p>The proposed project is for mining of Black Granite Quarry in an area of 1.874 Ha with a proposed production quantity of 6,193 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 of proponent and their consultant, M/s. SV Enviro Labs & Consultants, 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 erstwhile Prakasam District and the same is reviewed in the SEAC meeting. The present mine details are mentioned at S. No. 05 of Page no. 183 in DSR.The Department of Mines & Geology vide letter dt. 12.11.2014 issued work order to M/s. Dastagiri Swamy Granites for a period of 10 years i.e., upto 22.07.2024.The SEIAA, A.P issued Environmental clearance vide order dt. 11.05.2015 to M/s. Dastagiri Swamy Granites for mining of Black Granite - 972 m³/ annum for a period of 20 years.The DEIAA, A.P issued Environmental clearance for expansion vide order dt. 24.07.2018 for enhancement of mining of Black Granite from 972 m³/ annum to 6,193 m³/ annum.The Hon'ble NGT vide order dt. 07.12.2022 in O.A. No. 142 of 2022 directed that "mining leases in which environmental clearance was granted by DEIAA in view of amendment notification dt. 15.01.2016 are still continuing even after passing of order dt. 13.09.2018 by this Tribunal in Satendra Pandey (supra) and issuance of OM dt. 12.12.2018 by MoEF&CC without any re-appraisal by SEIAA and appropriate remedial action on the basis of such re-appraisal. All such mining leases in which environmental clearance was granted by DEIAA need to be brought in consonance with the directions given by Hon'ble Supreme Court in Deepak Kumar (supra) and order dt. 13.09.2018 by this Tribunal in Satendra Pandey (supra) by re-appraisal by SEIAA and only such mining leases may be continued which have been on re-appraisal granted environmental clearance by SEIAA. MoEF&CC is, therefore, directed to take appropriate steps for compliance in this regard by issuance of requisite directions in exercise of the statutory powers under the Environment (Protection) Act, 1986."The MoEF&CC, GoI vide OM dated 28.04.2023 directed that concerned SEACs shall re-appraise the ECs issued by DEIAAs between 15.01.2016 and 13.09.2018 (including both dates) and all fresh ECs in this regard shall be granted only by SEIAAs based on such appraisal.


Member Secretary
SEAC


Chairman
SEAC



MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.

- g) The SEAC noted that the project proponent was issued with EC by SEIAA vide order dt. 11.05.2015 after appraisal by the SEAC and subsequently the DEIAA, Prakasam issued EC for expansion to the subject mine vide order dt. 24.07.2018.
- h) Now the project proponent has applied for re-appraisal of Environmental clearance as per the MoEF&CC, GoI OM dated 28.04.2023.
- i) The project proponent vide letter dt. 14.09.2023 furnished the certificate issued by District Mines & Geology Officer, Markapur with regard to the production and dispatch details for the period from 2015-16 to 13.09.2023.
- j) The project proponent excavated 22,698 Cum of Black Galaxy Granite during the period from 2015-16 to 13.09.2023 and the average production is of 11,981 m³/annum as against permitted quantity of 5463 m³/annum.
- k) The Committee noted that as per the cluster letter dt. 11.09.2023 issued by the District Mines & Geology Officer, Markapur, there are 5 existing quarry leases within the radius of 500 mtrs area. The total cluster area is < 5.0 Ha.
- l) As per the approved mining plan dt. 01.06.2020, the total provided mineral reserves are 1,46,766 m³. The proponent proposed to excavate 6,193 m³ /annum and life of the mine is 20 years.
- m) The project proponent allocated Rs. 5.2 Lakhs as capital cost and Rs. 4.16 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide Water Treatment Plant to Chimakurthy village as a part of Corporate Social Responsibility (CSR) activity and shall maintain till the life of the mine. Also, the project proponent has proposed to provide scholarships to students of Neelavathi village.

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 Black Granite - 6193 m³/annum with following conditions:

1. The project proponent shall comply with the proposals furnished in the Environmental management plan.
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 maintain village road along with the cluster partners.
10. The project proponent shall avoid over loading of material in trucks.


Member Secretary
SEAC


Chairman
SEAC



MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.

	<p>11. The project proponent shall obtain buffer zone removal permission.</p> <p>12. This Environmental clearance is for a period upto 22.07.2024 (validity of the lease order).</p>
Agenda Item: 235.17	<p>2.440 Ha. mining of Dolomite, Steatite, Clay (Others) & White Shale of M/S LAKSHMI SAI MINERALS, at Sy. Nos. 8/2, 8/3, 9/3 & 9/4(Patta Land) Of Jaladurgam Village, Peapully Mandal, Nandyal District, Andhra Pradesh - EC- Reg.</p>
SIA/AP/MI N/446212 /2023	<p>Category: B2 at par with B1 (Minor mineral).</p> <p>The proposed project is for mining of Mining of Dolomite, Steatite, Clay (Others) & White Shale in an area of 2.440 Ha. with a proposed production quantity of Dolomite - 13,873 TPA, Steatite - 6,935 TPA, Clay (Others) - 6,935 TPA and White Shale - 3,468 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, Ampl Environ Private Limited, Hyderabad, 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 erstwhile Kurnool District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the cluster to the subject mine.The Department of Mines and Geology issued Extension Letter of Intent (LOI) vide order dt. 18.05.2023 for a period of 20 years subject to submission of Approved Mining Plan, EC and CFE within a period of 1 years from the date of issue of Lol.The Committee noted that as per the cluster letter dated: 28.08.2023 issued by the District Mines & Geology Officer, Banaganapalle, there is one existing quarry leases within the radius of 500 mtrs area. The total cluster area is < 5.0 Ha.As per the approved mining plan dt. 22.08.2023, the proponent proposed to excavate - Dolomite - 13,873 TPA, Steatite - 6,935 TPA, Clay (Others) - 6,935 TPA and White Shale - 3,468 TPA and Life of the mine is 20 years.The Jaladurgam R F is about 64 m to proposed mine lease area and the project proponent submitted Forest NOC dt.06/07/2022 DFO, Kurnool.The Tahsildar, Peapully Mandal vide letter dt.16.12.2021 issued NOC for grant of quarry lease to the subject mine lease area as there are no permanent structure, temples, railway tracks, projects, Electric lines on the proposed land and not fit for cultivation.The project proponent allocated Rs. 5.56 Lakhs as capital cost and Rs. 4.67 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant, Road maintenance to the Jaladurgam 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 Clearance for mining of Dolomite - 13,873 TPA, Steatite - 6,935 TPA, Clay (Others) 6,935 TPA and White Shale 3,468 TPA with following conditions:</p>



Member Secretary
SEAC


Chairman
SEAC



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

	<ol style="list-style-type: none">1. The proponent shall comply with the proposals furnished in the Environmental management plan.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 not disturb surrounding agricultural lands.
Agenda Item: 235.18	1.586 Ha. mining of Building Stone, Manufactured Sand, Morrums/Gravel & Ordinary Earth, Road Metal & Ballast of Sri. P. Srinath Reddy, at Sy.No.48/1 of Pudur Village, Kurnool Mandal, Kurnool District, Andhra Pradesh - EC- Reg.
SIA/AP/MI N/446429 /2023	Category: B2 at par with B1 (Minor mineral). The proposed project is for mining of Mining of Road metal, Building Stone and Manufactured Sand in an area of 1.586 Ha. with a proposed production quantity of 57,755 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, Ampl Environ Private Limited, Hyderabad, have attended the meeting and presented their proposal. The SEAC Committee noted that: <ol style="list-style-type: none">a) The Department of Mines and Geology submitted DSR of erstwhile Kurnool District. The same is reviewed in the SEAC meeting and observed that the mineral content is available in the cluster to the subject mine.b) The Department of Mines and Geology issued Extension Letter of Intent (LOI) vide order dt. 24.06.2023 for a period of 15 years subject to submission of Approved Mining Plan, EC and CFE within a period of 03 years from the date of issue of Lol.c) The Committee noted that as per the cluster letter dated: 10.08.2023 issued by the District Mines & Geology Officer, Kurnool, there are no existing quarry leases within the radius of 500 mtrs area. The total cluster area is < 5.0 Ha.


Member Secretary
SEAC


Chairman
SEAC



- d) As per the approved mining plan dt. 16.08.2023, the total provided mineral reserves are 662835 m³. The proponent proposed to excavate 57,755 TPA and Life of the mine is 11 years.
- e) The Gadidemadugu R F is about 240 m to proposed mine lease area. The project proponent submitted Forest NOC issued by DFO, Kurnool vide Letter dt.30.04.2022
- f) The Tahsildar, Kurnool Rural Mandal issued NOC dated 29.06.2021 to the Mines Department on the subject mine.
- g) The project proponent allocated Rs. 5.56 Lakhs as capital cost and Rs. 4.67 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant, Road maintenance to the **Jaladurgam** 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 and detailed deliberations, **recommended to issue Environmental Clearance** for mining of **Mining of Road metal, Building Stone - 57,755 TPA with** following conditions:
1. The proponent shall comply with the proposals furnished in the Environmental management plan.
 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 not disturb surrounding agricultural lands.
 10. The project proponent shall provide 400m trench towards Canal side.

Agenda Item: 235.19 **5.993 Ha. Road Metal and Building Stone Quarry of M/s Divyanjaneya Stone Crusher, at Sy. No. 45, Pedadungada Village, Vepada Mandal, Vizianagaram District, Andhra Pradesh - EC- Reg.**

SIA/AP/MI N/444159 /2023 **Category: B2 at par with B1 (Minor mineral).**

The proposed project is for mining of Mining of Road Metal and Building Stone in an area of 5.993 Ha. with a proposed production quantity of Road Metal & Building Stone - 76,869 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).


Member Secretary
SEAC


Chairman
SEAC



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

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

- a) The Department of Mines and Geology submitted DSR of erstwhile Vizianagaram District. The same is reviewed in the SEAC meeting and observed that the mineral content is available at Pedadungada in page no. 115 of DSR.
- b) The Department of Mines and Geology issued Extension Letter of Intent (LOI) vide order dt. 28.04.2023 for a period of 10 years subject to submission of Approved Mining Plan, EC and CFE within a period of 1 years from the date of issue of LoI.
- c) As per the approved mining plan dt. 26.09.2023, the total provided mineral reserves are 1547084 m³. The proponent proposed to excavate 76869 m³/annum and Life of the mine is 20 years.
- d) The project proponent has obtained Standard TOR on 25.06.2021 and subsequently, obtained TOR amendment on 30.09.2022 and public hearing was held on 29.04.2023.
- e) Major Issues raised in the public hearing: Road Damages, Employment, bore wells, Dust problems, drainage and cattle grazing issues, water sprinkling, crop damages, are the specific issues raised during the public hearing.
- f) Response of the management during the public hearing:
Sri Koteswara Rao, Owner, informed that they will not carry out rig blasting and the controlled sequential blasting will be carried out only with the licensed blaster, 10 local villagers are working in their mine and stated that they will carry out plantation in the village, if a vacant place for plantation was shown to them and informed that they will carry out siren during the blasting operations and also carry out sprinkling in coordination with all the managements in that area.
- g) The Base line data was collected from oct, 21 to Dec, 21 and the predominant wind direction is observed to be South to North. The maximum concentration of SPM(PM₁₀) is observed to be 57.84 µg/m³. The incremental concentration is 0.12 µg/m³ and GLC of SPM will fall within the mine lease area.
- h) The project proponent allocated Rs. 20.0 Lakhs as capital cost and Rs. 4.20 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant, Road maintenance to the Pedadungada 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 and EIA Report, PH minutes, detailed deliberations, recommended **to issue** Environmental Clearance for mining of Road Metal and Building Stone 76,869 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.

Member Secretary
SEAC

Chairman
SEAC



	<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 not disturb surrounding agricultural lands.10. The project proponent shall comply with the promise made/given in the public hearing.
Agenda Item: 235.20	2.554 Ha. Colour Granite of M/s Ishvarya Publicities Pvt. Limited, at Sy.No. 650 of Valasapalli Village, Madanapalli Mandal, Annamayya District, Andhra Pradesh - EC- Reg.
SIA/AP/MI N/446313 /2023	<p>Category: B2 at par with B1 (Minor mineral).</p> <p>The proposed project is for mining of Mining of Colour Granite in an area of 2.554 Ha. with a proposed production quantity of Colour granite - 4,704 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 Pragathi Labs & Consultants Pvt Ltd., have attended the meeting and presented their proposal. The SEAC Committee noted that:</p> <ol style="list-style-type: none">a) The Department of Mines and Geology submitted DSR of erstwhile Chittoor District. The same is reviewed in the SEAC meeting and observed that the mineral content is available at Valasapalli of DSR.b) The Department of Mines and Geology issued Letter of Intent (LOI) vide order dt. 25.01.2022 for a period of 20 years subject to submission of Approved Mining Plan, EC and CFE within a period of 1 years from the date of issue of Lol.c) As per the approved mining plan dt. 13.05.2022, the total provided mineral reserves are 95029 m³. The proponent proposed to excavate 4,704 m³/annum and Life of the mine is 20 years.d) The project proponent has obtained Standard TOR on 28.12.2022 and public hearing was held on 23.08.2023.e) Major Issues raised in the public hearing: Road Damages, Employment, Crop damages, , Dust problems and water sprinkling are the specific issues raised during the public hearing.f) Response of the management during the public hearing: Sri Sai Kumar Reddy, representative of the proposed mining project of M/s. Ishvarya Publicities Pvt Ltd, stated that the management of the proposed mining unit will take the views and concerns of the people regarding road usage, water sprinkling, greenbelt development, health care, into consideration and implement the necessary


Member Secretary
SEAC


Chairman
SEAC



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

measures while establishing and operating the mine. He stated that the CSR funds of the project will be spent for the affected village. He informed that the blasting time will be intimated to the villagers through siren and controlled sequential blasting will be implemented.

- g) The Base line data was collected from Dec, 22 to Feb, 23 and the predominant wind direction is observed to be NE to SW. The maximum concentration of SPM(PM_{10}) is observed to be $60 \mu\text{g}/\text{m}^3$. The incremental concentration is $1.44 \mu\text{g}/\text{m}^3$ and GLC of SPM will fall within the mine lease area.
- h) The project proponent allocated Rs. 5.4 Lakhs as capital cost and Rs. 4.87 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant, Road maintenance to the Valasapalli 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 and EIA Report, PH minutes, detailed deliberations, recommended to **issue** Environmental Clearance for mining of Colour Granite - $4,704 \text{ m}^3/\text{annum}$ 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.
9. The project proponent shall not disturb surrounding agricultural lands.
10. The project proponent shall maintain village road along with the cluster partners.
11. The project proponent shall acquire 0.5 Ha of additional land for waste disposal.
12. The project proponent shall provide 300m trench on North, North western and North Eastern side to prevent surface runoff.
13. The project proponent shall comply conditions stipulated in the Forest NOC dt. 23.06.2021.
14. The project proponent shall comply with the promise made/given in the public hearing.

**Agenda
Item:
235.21**

**2.740 Ha. Mining of Morrums/ Gravel and Ordinary Earth of M/s. MBL MINERALS, at
Sy. No: 15, 16/2A & 16/2C, Thotapalli Village, Agiripalli Mandal, Eluru District,
Andhra Pradesh - EC- Reg.**


Member Secretary
SEAC


Chairman
SEAC



SIA/AP/MI
N/446537
/2023

Category: B2 at par with B1 (Minor mineral).

The proposed project is for mining of Mining of Morrum/ Gravel and Ordinary Earth in an area of 2.740 Ha. with a proposed production quantity of 1,48,374 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 project proponent and their consultant, M/s SV Enviro Labs & Consultants., have attended the meeting and presented their proposal. The SEAC Committee noted that:

- a) The Department of Mines and Geology submitted DSR of erstwhile West Godavari District. The same is reviewed in the SEAC meeting and observed that the mineral content is available at Thotapalli in DSR.
- b) The Department of Mines and Geology issued Extension Letter of Intent (LOI) vide order dt. 28.04.2023 for a period of 05 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) The Committee noted that as per the cluster letter dated: 22.09.2023 issued by the District Mines & Geology Officer, Eluru there are no existing quarry leases within the radius of 500 mtrs area. The total cluster area is < 5.0 Ha.
- d) As per the approved mining plan dt. 28.08.2023, the total provided mineral reserves are 8,56,660 m³. The proponent proposed to excavate 1,48,374 m³ /Annum and Life of the mine is 6 years.
- e) The Tahsildar, Agiripalli Mandal issued NOC dated 09.03.2023 to the Mines Department on the subject mine.
- f) The project proponent allocated Rs. 4.90 Lakhs as capital cost and Rs. 3.87 Lakhs as a recurring cost budget for the EMP. The proponent volunteered to provide water treatment plant, Road maintenance to the Thotapalli 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 and detailed deliberations, recommended to issue Environmental Clearance for mining of Morrum / Gravel and Ordinary Earth - 1,48,374 m³ /Annum with following conditions:

1. The proponent shall comply with the proposals furnished in the Environmental management plan.
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.


Member Secretary
SEAC


Chairman
SEAC



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

	<p>6. The vehicles carrying the mines material shall be covered with tarpaulin during vehicular movement.</p> <p>7. The project proponent shall not use village road/ canal bund roads for mineral transportation purpose.</p> <p>8. The project proponent shall restrict vehicles movement during the peak hours to avoid accidents.</p> <p>9. The project proponent shall not disturb surrounding agricultural lands.</p> <p>10. The project proponent shall maintain village road along with the cluster partners.</p>
Agenda No. 235.22	Appraisal of District Survey Reports of Chittoor, Krishna, East Godavari, Kakinada, Srikakulam Districts of A.P. furnished by Joint Director of Mines & Geology, Ibrahimpattanam, Vijayawada.
	<p>a) The Joint Director of Mines & Geology (JDMG), Ibrahimpattanam, Vijayawada submitted the draft DSR reports of Chittoor, Krishna, East Godavari, Kakinada, Srikakulam Districts of A.P. and requested for the approval of the SEIAA of AP. The SEIAA vide mail dt. 17.11.2023 requested for the appraisal of the DSR reports by the SEAC for taking further necessary action in the matter.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>e) The JDMG informed that the DSR reports are having three chapters and the details are as follows:</p> <ol style="list-style-type: none">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.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.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. <p>f) The JDMG informed the SEAC committee, that they have prepared 5 no. of District Survey Report namely Chittoor, Krishna, East Godavari, Kakinada, Srikakulam 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:</p>


Member Secretary
SEAC


Chairman
SEAC



**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

Sl. NO.	Name of the District	Date of Publishing on the Website	Date of Approval from the Collector & DM
1	Chittoor	31.07.2023	21.08.2023
2	Krishna	19.10.2023	09.11.2023
3	East Godavari	30.10.2023	29.11.2023
4	Kakinada	26.10.2023	24.11.2023
5	Srikakulam	20.10.2023	22.11.2023

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
- 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.


Member Secretary
SEAC


Chairman
SEAC

**MINUTES OF THE 235th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 12th & 13th December, 2023 AT VIJAYAWADA, A.P.**

- 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 = Mean Annual Run-off in mm
 A = Net drainage Area in Sq. km
 S = 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)
Chittoor	---	---	---	---	---
Krishna	Krishna	3096.09	33.33	320.01	9,90,151
East Godavari	Godavari	1761.4	275.27	263.1	4,63,430
Kakinada	Godavari	781.36	620.53	141.07	1,10,223
Srikakulam	Nagavalli	369.51	13.72	239.9	1,08,597
	Vamsadhara	1465.58	8.61	194.77	2,85,454

- 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, desiltation 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 five districts namely viz., **Chittoor, Krishna, East Godavari, Kakinda, Srikakulam 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