



राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण, म.प्र.
(पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार)



पर्यावरण नियोजन एवं समन्वय संगठन
पर्यावरण परिसर, ई-5, अरेरा कॉलोनी
भोपाल-462016 (म.प्र.)

वेबसाइट-<http://www.mpseiaa.nic.in>

दूरभाषनं. - 0755-2466970, 2466859

फैक्सनं. - 0755-2462136

No: 310/SEIAA/2025

Date: 23/05/2025

प्रति,

Shri Vinod Kumar Agrawal,
R/o-7/26, Civil Lines, Tilak Ward,
District Mandla (M.P.)
E-mail - dolomite.vka@gmail.com

विषय :- Proposal No. SIA/MP/MIN/518969/2025- Case No 10668/2023 Prior Environment Clearance for Dolomite mine (Opencast semi mechanized method) in an area of 6.81 ha. for production capacity of Expansion from 1700 TPA to 1,21,282 TPA (Dolomite-121282 TPA, Waste/OB- 6937 TPA), Old Khasra No. 1472/2, 1472/3, 1472/4, 1473/1, 1473/2. 1474 & 1475, (New Khasra No. 415, 394, 395, 396, 397, 414, 398), Village-Kakaiya, Tehsil-Bichhiya, District-Mandla (MP) by Shri Vinod Kumar Agrawal, R/o-7/26, Civil Lines, Tilak Ward, District Mandla (M.P.).

विषयान्तर्गत प्रकरण में राज्य स्तरीय विशेषज्ञ मूल्यांकन समिति (SEAC) द्वारा 774वीं बैठक दिनांक 18.02.2025 में विशिष्ट शर्तों एवं स्टैण्डर्ड शर्तों (संलग्नक-ए) सहित पर्यावरण अनुमति प्रदान किये जाने की अनुशंसा कर प्रकरण दिनांक 07.03.2025 को राज्य स्तरीय पर्यावरण समाघात निर्धारण प्राधिकरण (SEIAA) को अग्रेषित किया गया। प्रश्नाधीन प्रकरण SEIAA की बैठक में विचारण नहीं होने के कारण 45 दिवस से अधिक की अवधि समाप्त हो गई है।

पर्यावरण वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार की ईआईए अधिसूचना दिनांक 14.09.2006 के पैरा 8 की कंडिका (iii) इस प्रकार है - "In the event that the decision of the regulatory authority is not communicated to the applicant within the period specified in sub-paragraphs (i) or (ii) above, as applicable, the applicant may proceed as if the environment clearance sought for has been granted or denied by the regulatory authority in terms of the final recommendations of the Expert Appraisal Committee or State Level Expert Appraisal Committee concerned."

अतः ईआईए अधिसूचना के पैरा 8 की कंडिका (iii) के अनुसार उक्त प्रकरण में SEAC की 774वीं बैठक दिनांक 18.02.2025 में विशिष्ट शर्तों एवं स्टैण्डर्ड शर्तों (संलग्नक-ए) सहित पर्यावरण स्वीकृति हेतु की गई अनुशंसा को अंतिम निर्णय मानते हुए राज्य स्तरीय समाघात निर्धारण प्राधिकरण (SEIAA) द्वारा "Deemed Approval" माना जाकर पर्यावरण अनुमति दी जाती है। तदनुसार प्रकरण में ईआईए अधिसूचना के पैरा 8 की कंडिका (iii) के अनुसार आगामी आवश्यक वैधानिक कार्यवाही करने हेतु आप स्वतंत्र हैं।

(प्रमुख सचिव, पर्यावरण विभाग द्वारा अनुमोदित)

(श्रीमन् शुक्ला)

कार्यपालन संचालक, एण्डो
एवं सदस्य सचिव, SEIAA

प्रतिलिपि:-

1. प्रमुख सचिव, म.प्र. शासन, पर्यावरण विभाग, मंत्रालय, भोपाल।
2. संयुक्त सचिव, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार, इंदिरा पर्यावरण भवन, जोर बाग रोड़, नई दिल्ली - 110003।
3. उप सचिव, मुख्य सचिव कार्यालय म.प्र. शासन, मंत्रालय भोपाल (म.प्र.)।
4. अध्यक्ष, SEIAA, एण्को पर्यावरण परिसर भोपाल (म.प्र.)।
5. अध्यक्ष SEAC, म.प्र. प्रदूषण नियंत्रण बोर्ड, पर्यावरण परिसर, ई-5 अरेरा कॉलोनी भोपाल (म.प्र.)।
6. सदस्य सचिव, SEAC एवं सदस्य सचिव, म.प्र. प्रदूषण नियंत्रण बोर्ड, पर्यावरण परिसर, ई-5 अरेरा कॉलोनी भोपाल।
7. कलेक्टर, जिला मण्डला (म.प्र.)।
8. वन मंडलाधिकारी, जिला मण्डला (म.प्र.)।
9. निदेशक, क्षेत्रीय कार्यालय, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, केन्द्रीय पर्यावरण भवन, लिंक रोड़ नं. 03, रवि शंकर नगर, भोपाल।
10. संचालक, भौमिकी तथा खनिकर्म मध्यप्रदेश, 29-ए, खनिज भवन, अरेरा हिल्स, भोपाल - 462002।
11. खनिज अधिकारी, जिला मण्डला (म.प्र.)।
12. संबंधित फाईल।

की ओर सूचनार्थ।



कार्यपालन संचालक, एण्को
एवं सदस्य सचिव, SEIAA

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3. **Case No 10668/2023 Shri Vinod Kumar Agrawal, R/o-7/26, Civil Lines, Tilak Ward, District Mandla (M.P.). Prior Environment Clearance for Dolomite mine in an area of 6.81 ha. (Capacity Expansion from 1700 TPA to 1,21,282 TPA of ROM (Dolomite-121282 TPA, Waste/OB- 6937 TPA) (Old Khasra No. 1472/2, 1472/3, 1472/4, 1473/1, 1473/2. 1474 & 1475, New Khasra No. 415, 394, 395, 396, 397, 414, 398), Village-Kakaiya, Tehsil-Bichhiya, District-Mandla (MP). On-line proposal 518969.**

प्रस्तावित खदान का आज दिनांक 18/02/2025 को परियोजना प्रस्तावक Shri Robin Kumar Agrawal एवं उनके पर्यावरणीय सलाहकार श्री उमेश मिश्रा, मेसर्स किएटिव इंवायो सर्विसेस, भोपाल (म.प्र.) उपस्थित हुए और उनके द्वारा समिति के समक्ष प्रस्तुतीकरण किया गया ।

परियोजना विवरण	परियोजना प्रस्तावक द्वारा प्रस्तुत दस्तावेज	
परियोजना प्रस्तावक, परियोजना / कम्पनी का नाम व पता	Shri Vinod Kumar Agrawal, Proprietor, M/S VINOD KUMAR AGRAWAL, 7/26, civil lines Tilak ward, Mandla (M.P.)	
खसरा नं./ क्षेत्रफल (सरकारी/निजी)	1472/2, 1472/3, 1472/4, 1473/1, 1473/2, 1474 & 1475, New Khasra No. 415, 394, 395, 396, 397, 414, 398 (निजी-नॉन फॉरेस्ट लैंड खसरा नं. 398 के अलावा सभी के भू-स्वामी परियोजना प्रस्तावक स्वयं हैं)	6.81 hectare.
स्थल	Village- Kakaiya, Tehsil - Bichhiya, District – Mandala (M.P.)	
लीज स्वीकृति	कार्यालय कलेक्टर (खनिज शाखा) जिला मण्डला के पत्र क्रमांक 1661 दिनांक 01/02/16 के द्वारा स्वीकृत ।	
श्रेणी (बी-1/बी-2)	बी-1	
टॉर	सेक की मीटिंग 696वीं बैठक दिनांक 22/11/2023	
ब्लास्टिंग/रॉक ब्रेकर	अनुमोदित खनन योजना अनुसार ब्लास्टिंग प्रस्तावित है ।	
नया/क्षमता विस्तार	यह प्रकरण क्षमता विस्तार का है ।	
उत्पादन क्षमता	परियोजना प्रस्तावक द्वारा डोलोमाइट-17,000 टीपीए से 1,21,282 टीपीए एवं माइन वेस्ट-6,937 टीपीए हेतु आवेदन किया गया है और अनुमोदित खनन योजना अनुसार डोलोमाइट-1,21,282 टीपीए एवं माइन वेस्ट-6,937 टीपीए है ।	
500 मीटर की परिधि में अन्य खदानें	कार्यालय कलेक्टर (खनिज शाखा) जिला मण्डला के एकल प्रमाण-पत्र क्रमांक 1295 दिनांक 03/08/23 अनुसार 500 मीटर की परिधि में 04 अन्य खदानें संचालित/स्वीकृत है, इस प्रकार कुल रकबा 29.90 हे. होता है, अतः प्रकरण बी-1 श्रेणी का है ।	

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वन मण्डलाधिकारी की अनापत्ति	कार्यालय कलेक्टर (खनिज शाखा) जिला मण्डला के एकल प्रमाण-पत्र क्रमांक 1295 दिनांक 03/08/23 अनुसार वन मण्डलाधिकारी पश्चिम (सा.) वन मण्डला म.प्र. के पत्र क्रमांक मा.चि./3821 दिनांक 19/10/15 अनुसार आवेदित क्षेत्र से वन क्षेत्र की दूरी 2.00 मीटर है। पट्टेदार को उत्खनिपट्टा दिनांक 14/08/02 से स्वीकृत है। म.प्र. शासन, वन विभाग मंत्रालय, भोपाल के पत्र क्रमांक एफ-5/16/81/10-3 दिनांक 07/10/02 की कण्डिका-2(छ) अनुसार वर्ष 2002 से पूर्व स्वीकृत उत्खनिपट्टा में 250 मीटर की दूरी में स्थित खनि रियायत के संबंध में गठित समिति संबंधी आदेश लागू नहीं होंगे।
तहसीलदार की अनापत्ति	कार्यालय कलेक्टर (खनिज शाखा) जिला मण्डला के एकल प्रमाण-पत्र क्रमांक 1295 दिनांक 03/08/23 अनुसार 500 मीटर की परिधि में मानव बसाहट, शैक्षणिक संस्थान, चिकित्सालय, पुरातत्व धरोहर, राष्ट्रीय महत्व के स्मारक, रेल्वे लाईन/सार्वजनिक भवन/शमशान घाट/राष्ट्रीय राजमार्ग/संवेदनशील क्षेत्रों जैसे : रेडियो स्टेशन, दूरदर्शन, हवाई अड्डा, प्रतिरक्षा संस्थान एवं जलीय निकाय/नदी/तालाब/बांध/स्टॉप डैम/नहर/ग्रामीण कच्चा/पक्का रास्ता/नाला नहीं है।
ग्राम सभा/ग्राम पंचायत की अनापत्ति	ग्राम पंचायत ककैया जिला मण्डला के ठहराव प्रस्ताव क्रमांक-17 दिनांक 29/08/12 अनुसार प्रस्तावित स्थल पर खनन कार्य से पंचायत को कोई आपत्ति नहीं है।
वृक्षों की वर्तमान स्थिति	खदान क्षेत्र के पूर्व दिशा में कुछ पेड़ हैं।
गूगल इमेज अनुसार वर्तमान स्थिति	दक्षिण दिशा- आबादी-337 मी. एवं दक्षिण पूर्व दिशा -410 मी.
	पूर्व दिशा- पक्का रोड़ 157 मी. प्लांट 204 मी.
जिला सर्वेक्षण रिपोर्ट की स्थिति	परियोजना प्रस्तावक ने बताया कि इस खदान का विवरण जिले की अनुमोदित नवीन जिला सर्वेक्षण रिपोर्ट के पेज नं.-32 के सरल क्रमांक-16 पर दर्ज है।
जन सुनवाई	समिति द्वारा प्रकरण से संबंधित जनसुनवाई के कार्यवाही विवरण, आमजन के सुझाव एवं प्राप्त आपत्तियों पर परियोजना प्रस्ताव पर विस्तृत चर्चा की गई एवं आवश्यकतानुसार परियोजना में प्रस्तावित सामाजिक/पर्यावरणीय कार्यों की समीक्षा की गई।

During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, and EMP& PFR for appraisal of project before the committee. No tree

felling or cutting is proposed for the subject proposal. 02 garland drain and one settling tank has already been provided for existing operation. Presently 2.985 hact of land is excavated which will be increased to 5.9625 hact till conceptual period. As post land use plan, 5.9625 hact of area shall be converted into water body. At the same time total 0.8475 hact area will be converted as green belt with 1700 number of plants inclusive of existing 1000 number

PP submitted that the environment clearance was obtained previously 154/EPCO-SEIAA/12 dated 27.04.2012 and certified compliance report from RO MoEF&CC was issued vide no 18 B 240 /2024 (SEAC) dated 04.10.2024. The 6.81 ha Dolomite mine is an operational mine at Village- Kakaiya, Tehsil Bichhiya, Dist.- Mandla (MP), with production capacity of 17000 TPA and now it is proposed for capacity expansion from 17000 TPA to 128219 TPA of ROM (Dolomite -121282 TPA, Waste / OB - 6937 TPA). Previous EC was granted to 154/EPCO-SEIAA/12 dated 27.04.2012. The area is under regular mining operation for last 20 years. Earlier lease agreement has been done for Dolomite on 14/08/2002 for a period of 20 years, effective from 14/08/2002 to 13/08/2022. The lease period has been extended as per new MMRD act 2015 for a period of 50 years hence effective lease period is now 14/08/2002 to 13/08/2052. The Land use of the lease is defined as Private waste Land.

PP further submitted that-

- Earlier, TOR was recommended in the SEAC 696 the dated 12.11.2023 & Amendment TOR was recommended in the SEAC 703th dated 18.12.2023.
- Earlier EC was issued vide no. 154 dated 27.04.2012 in an area of 6.81 ha for production capacity of 17,000 MT / Year.
- MOEF&CC's Certified EC compliance report was issued vide dated 04.10.2024.
- Ground water table is not proposed for intersection.
- PP submitted, so far 1000 nos. of trees are already planted within the lease area.
- No tree felling is proposed.
- During presentation PP shown NOC from Gram Panchayat and Gram Sabha.

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Proposed Plant Species for Mine Area, Transportation road and its Boundary			
Phase	Location	Name of Tree	No. of Plants
1 st to 5 th Year	In barrier zone (0.0975ha)	Karanj, Pipal, Khamer, Neem, Sissoo, Jangle Jalebi, White Kastar and other local species	700
		Total	700
1 st year	Plantation along the road	Karanj, Pipal, Khamer, Neem, Sissoo, Jangle Jalebi, White Kastar and other local species	200

Committee decided to recommend the case for grant of prior EC for capacity expansion in excavation of Dolomite Deposit from (17000TPA TO 121282TPA) (ROM – 128219TPA (Dolomite – 121282 TPA, Mine waste/OB– 6937 TPA)(Area: 6.81 ha.) (Old Khasra No. 1472/2, 1472/3, 1472/4, 1473/1, 1473/2, 1474 & 1475, New Khasra No. 415, 394, 395, 396, 397, 414, 398) Village- Kakiya, Tehsil- Bichiya, Distt.- Mandla (MP) following special conditions in addition to the standard conditions at annexure ‘A’:-

1. A budgetary provision for Environmental management Plan of Rs.3.77Lakh as capital and Rs.7.05 Lakh/year.
2. Muffle with NONEL system for Blasting shall be adopted for proposed mining and no secondary blasting shall be done. Rock breaker shall be used wherever required
3. As proposed, a minimum of 900 trees shall be planted as per the submitted plantation scheme.
4. Under CER following activities were submitted by PP:

Proposed CER Activities		
Commitment towards public hearing Issue in terms of Physical Target		
SN	Issues	Cost in Rs Lakh
1	Provision of one hand pump at village Kakiya	RS 2.00
2	Plantation at villages. i.e Khakharitola, Bijegaon and Kakiya @ 2000 trees	Rs 1.00
Total		Rs 3.00 Lacs

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Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:

Annexure- 'A'

Standard conditions applicable to Stone/Murram and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan. The regulations of danger zone (500 meters) prescribed by Directorate General of Mines safety shall also be complied compulsorily and necessary measures should be taken to minimize the impact on environment.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded along with annual record of water consumed in sprinkling during Summer (February to May/June) and winter session (October to January) separately.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 04 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Working height of the loading machines shall be compatible with bench configuration.
9. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
10. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
11. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
12. Six monthly occupational health surveys of workers for Cardio-vascular & Pulmonary health, vital parameters as prescribed by concerned regulatory authority shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
13. A separate bank account should be maintained for all the expenses made in the EMP and CER activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
14. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
15. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
16. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

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19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
24. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
25. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, a separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. The project proponent shall follow the mitigation measures provided in MoEF&CCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
29. A display board (in hindi) with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.) with latitude and longitude.
 - c. Length, breadth, sanctioned depth of mine and mining time.
 - d. Sanctioned Production capacity of the project as per EC and Consent of MPPCB.
 - e. Method of mining (Mannual/Semi Mechanised) and Blasting or Non-blasting.
 - f. Plantation and CER activities.
30. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
31. Entire plantation proposed in barrier zone of lease area shall be carried out as per submitted plantation scheme and along the fencing seed sowing of Neem, Babool, Safed Castor etc shall also be carried out.
32. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland

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and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.

34. Before onset of monsoon season as per submitted plantation scheme fruit bearing species preferably of fodder / native shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”. Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
35. Adequate provisions of water for irrigating plantation shall be made by PP.
36. Activities proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Arrangements for overhead sprinklers with solar pumps / water tankers should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Only registered vehicles/tractor trolleys with GPS which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
5. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain such audits be placed on public domain through website developed for public interface along with photographs of work done w.r.t. EMP as well as CER.
11. No Mining shall be carried out during Monsoon season.
12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.