

**PROCEEDINGS OF THE MEETING OF STATE LEVEL EXPERT APPRAISAL
COMMITTEE, ODISHA HELD ON 13TH, 15TH, 17TH & 18TH NOVEMBER, 2023**

The SEAC meetings held on 13th, 15th, 17th & 18th November, 2023 at 03:30 PM through Video Conferencing (VC) in Google Meet under the Chairmanship of Sri Sashi Paul. The following members were present in the meeting.

1. Sri Sashi Paul - Chairman (through VC)
2. Dr. K. Murugesan - Member Secretary
3. Dr. Rabi Narayan Patra - Member (through VC)
4. Dr. Chittaranjan Panda - Member (through VC)
5. Prof. (Dr.) H.B. Sahu - Member (through VC)
6. Prof. (Dr.) Abanti Sahoo - Member (through VC)
7. Er. Fakir Mohan Panigrahi - Member (through VC)
8. Prof. (Dr.) B.K. Satpathy - Member (through VC)
9. Dr. K.C.S Panigrahi - Member (through VC)
10. Shri Jayant Kumar Das - Member (through VC)
11. Dr. Ashok Kumar Sahu - Member (through VC)
12. Er. Kumud Ranjan Acharya - Member (through VC)

Draft proceedings of the meeting was finalized by the members through e-mail and also final proceedings of the meeting was confirmed by the members through e-mail. The agenda-wise proceedings and recommendations of the committee are detailed below.

A. CONSIDERATION OF MINOR MINERAL PROPOSALS (NEW) – 14 Nos.

The committee verified 14 nos. of minor mineral proposals forwarded by the SEIAA, Odisha. The case-wise proceedings and observations of the committee are detailed in Table as per Annexure – A. The proposals of following categories are examined:

Total no. of proposals	Type of proposals	No. of proposal	Decisions of the committee
14	Stone Quarries and other (08)	07	Clarification to be sought from the concerned Tahasildar.
		01	The SEAC considered the proposals as B2 category and recommended for Environmental Clearance.
	River Sand (06)	03	Clarification to be sought from the concerned Tahasildar.
		03	The SEAC considered the proposals as B2 category and recommended for Environmental Clearance.

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B. CONSIDERATION OF MINOR MINERAL PROPOSALS (COMPLIANCE RECEIVED) – 17 Nos.

The committee verified 17 nos. of minor mineral proposals (compliance received). The case-wise proceedings and observations of the committee are detailed in Table as per Annexure – B. The proposals of following categories are examined:

Total no. of proposals	Type of proposals	No. of proposal	Decisions of the committee
17	Stone Quarries and other (12)	06	Clarification to be sought from the concerned Tahasildar.
		06	The SEAC considered the proposals as B2 category and recommended for Environmental Clearance.
	River Sand (05)	01	Clarification to be sought from the concerned Tahasildar.
		04	The SEAC considered the proposals as B2 category and recommended for Environmental Clearance.

C. CONSIDERATION OF MODIFICATION OF EC PROPOSALS – 13 Nos.

The recommendation of SEAC for modification of Environmental Clearance for 15 minor mineral proposals is as per Annexure - C.

D. CONSIDERATION OF MODIFICATION OF EC PROPOSALS COMPLIANCE RECEIVED – 03 Nos.

The recommendation of SEAC for modification of Environmental Clearance (compliance received) for 01 minor mineral proposals is as per Annexure - D.


MEMBER SECRETARY, SEAC

TABLE
DECISION ON MINOR MINERAL PROJECTS WITH LEASE AREA LESS THAN 5 HA.
ON 13TH, 15TH, 17TH AND 18TH NOVEMBER 2023

Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
1.	SIA/OR/M IN/44602 8/2023	The Aggregates (Sri Bijay Ramchandrapur (Lessee)) M/s. Mundabani-I Stone Quarry At-Ward No-21, Po/Ps-Baripada Town Dist: Mayurbhanj, Pin: 757001 Email: theaggregates636@gmail.com	Mayurbhanj	Stone	Proposal of Environmental Clearance for Mundabani-I Stone Quarry over an area of 7.00 acres or 2.833 hectares in village Mundabani under Bangiriposi Tahasil in Mayurbhanj District of The Aggregates Sri Bijay Ramchandrapur - EC	5 Years	Mundabani-VI Stone Quarry (5.00Ac./2.023 Ha.)	<ol style="list-style-type: none"> 1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 2. Final DSR has been submitted. 3. Topo sheet indicating location of the mine has been furnished. 4. EMP has been submitted in cluster approach. 5. Mining Plan has been approved. 6. No forest land involved in lease area 7. There is no protected areas 	NO	30559 (max)	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: (i) In DSR, there are six more stone quarries in same khata no. 74. Status of all quarries. (ii) Distance of all quarries from the proposed quarry with geo coordinates. (iii) Revised Kml file showing both

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Trayak
Environmental Scientist, SEAC

Sl. No	SEIAA File No	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I; Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
								<p>i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation pending.</p> <p>9. The concerned Tahasildar has furnished DLC report. DLC report of concerned Tahasildar reveals that the lease area is not included in the DLC list.</p> <p>10. The Tahasildar has furnished</p>			<p>the quarries in the cluster.</p> <p>iv) Distance of the proposed quarry from the nearest point of Similpal Sanctuary and its Eco-sensitive Zone (ESZ) duly certified by the concerned DFO.</p> <p>v) Total cost of the project is two lakhs which seems to be unrealistic. This shall be clarified.</p> <p>vi) Impact of blasting on Wildlife particularly on Elephant movement. Mitigation measures</p>

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
								Cluster certificate. The Cluster certificate reveals that there is one other mine located within 500 meter from the boundary of the mine.			to be submitted after consultation with local DFO. vii) Transportation Route proposed and any habitation on this route may be mentioned.
2.	SIA/OR/MIN/446608/2023	Sri Arun Sarkar (Lessee) M/s. Mundabani-VI Stone Quarry At-Ward No-02 Po/Ps-Baripada Dist-Mayurbhanj Pin: 757001 Email: bmtprofile03@gmail.com	Mayurbhanj	Stone	Proposal of Environmental Clearance for Mundabani-VI Stone Quarry Over an area of 5.00 Acres or 2.023 hectares in village Mundabani under Bangiriposi Tahasil of Mayurbhanj District of Sri Arun Sarkar - EC	5 Years	Mundabani-I Stone Quarry (7.00 acres or 2.833 hectares)	<ol style="list-style-type: none"> 1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 2. Final DSR has been submitted. 3. Topo sheet indicating location of the mine has been furnished. 4. EMP has been submitted in cluster approach. 5. Mining Plan has been approved. 6. No forest land involved in lease 	NO	33024	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: (i) In DSR, there are six more stone quarries in same khata no. 74. Status of all quarries. (ii) Distance of all quarries from the proposed quarry with geo

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m. from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
								<p>area</p> <p>7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation pending.</p> <p>9. The concerned Tahasildar has furnished DLC report. DLC report of concerned Tahasildar reveals that the lease area is not included in the</p>			<p>coordinates.</p> <p>(iii) Revised Kml file showing both the quarries in the cluster.</p> <p>iv) Distance of the proposed quarry from the nearest point of Similipal Sanctuary and its Eco-sensitive Zone (ESZ) duly certified from the concerned DFO.</p> <p>v) Total cost of the project is two lakhs which seems to be unrealistic. This shall be clarified.</p> <p>vi) Impact of blasting on Wildlife particularly on Elephant</p>

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on - Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
								DLC list. 10. The Tahasildar has furnished Cluster certificate. The Cluster certificate reveals that there is one other mine located within 500 meter from the boundary of the mine.			movement. Mitigation measures to be submitted after consultation with local DFO. vii) Transportation Route proposed and any habitation on this route may be mentioned.
3.	SIA/OR/M IN/40357 2/2022	Sri Sushanta Kumar Dalai (Lessee) M/s. Mahaling Sand Bed At/Po- Kegaon, Dist- Kalahandi Pin: 766016 Email: sushantakumardalai76@gmail.co	Kalahandi	Sand	Proposal of Environmental Clearance for Mahaling Sand Bed over an area of 5.00 Acres or 2.023 Hectares in village Mahaling under Golamunda tahasil of Kalahandi district of Sri	5 Years	Nil (As per checklist)	1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 2. Final DSR has been submitted. 3. Topo sheet indicating location of the mine has been furnished. 4. EMP has been submitted. 5. Mining Plan has	NO	5000	The SEAC recommended to grant EC valid from the date of EC accorded upto the lease period with specific conditions stipulated for sand mine with following additional conditions. i) Consent / NoC shall be obtained from the

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
		m			Sushanta Kumar Dalai - EC			<p>been approved.</p> <p>6. No forest land involved in lease area</p> <p>7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation pending.</p> <p>9. The Tahasildar has furnished Cluster certificate. The Cluster certificate reveals that there is no</p>			<p>concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.</p> <p>ii) In view of likely revision of DSR the mention of this deposit with coordinates is to be ensured.</p> <p>iii) The boundary area of the deposit as per the updated DSR defined by geo coordinates based on DGPS survey be superimposed on the cadastral map.</p> <p>iv) Plantation programme to be completed within first two years and to be maintained</p>

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
								other mines located within 500 meters from the boundary of the mine.			in remaining years. v) The Project proponent shall follow Sustainable Sand Mining Guidelines, 2020. vi) The proponent shall provide Bio-toilet for the workers. vii) Project Proponent shall not disturb the water course during mining. viii) Replenishment Study Report shall be submitted within a year after grant of EC.
4.	SIA/OR/M IN/43136 8/2023	Sri Girija Prasad Ray (Lessee) M/s. Anupala	Jagatsinghpur	Sand	Proposal of Environmental Clearance for	5 Years	Nil (As per checklist)	1. Furnished filled in Form-I, pre-feasibility report and check list as	NO	14400	The SEAC recommended to grant EC valid from the date of

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		Paikanadi Sand At/Po. Ashram Patana, Odishagarha, Dist- Jagatsinghpur Pin: 754103 Email: girijaprasadec@gmail.com			Anupala Paikanadi Sand Sairat over an area of 12.35 Acres or 4.99 Ha having Khata No.288, Plot No. 455 in village Anupala under Tirtol Tahasil of Jagatsinghpur District of Sri Girija Prasad Ray - EC			<p>endorsed / submitted by the Tahasildar.</p> <ol style="list-style-type: none"> 2. Final DSR has been submitted. 3. Topo sheet indicating location of the mine has been furnished. 4. EMP has been submitted. 5. Mining Plan has been approved. 6. No forest land involved in lease area 7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. 			<p>EC accorded upto the lease period with specific conditions stipulated for sand mine with following additional conditions.</p> <p>i) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.</p> <p>ii) In view of likely revision of DSR the mention of this deposit with coordinates is to be ensured.</p> <p>iii) The boundary area of the deposit as per the</p>

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
								<p>located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation pending.</p> <p>9. The Tahasildar has furnished Cluster certificate. The Cluster certificate reveals that there is no other mines located within 500 meters from the boundary of the mine.</p>			<p>updated DSR defined by geo coordinates based on DGPS survey be superimposed on the cadastral map.</p> <p>iv) Plantation programme to be completed within first two years and to be maintained in remaining years.</p> <p>v) The Project proponent shall follow Sustainable Sand Mining Guidelines, 2020.</p> <p>vi) The proponent shall provide Bio-toilet for the workers.</p> <p>vii) Project Proponent shall not disturb the water course during mining.</p>

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											viii) Replenishment Study Report shall be submitted within a year after grant of EC.
5.	SIA/OR/MIN/42874/2/2023	Sri Bhikari Pandi (Lessee) M/s. Mathura Stone Quarry At-Tulasipur, Po-Kendupata, Ps/Tahasil-Khallikote Dist: Ganjam Email: mathurastone1@gmail.com	Ganjam	Stone	Proposal of Environmental Clearance for Mathura Stone Quarry over an area of 10.875 acres or 4.401 hectares having Khata No. 1818 Plot No.4897 in Village Mathura, Tahasil Polasara in District Ganjam of Sri Bhikari Pandi - EC	5 Years	Nil (As per checklist)	<ol style="list-style-type: none"> 1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 2. Final DSR has been submitted. 3. Topo sheet indicating location of the mine has been furnished. 4. EMP has been submitted. 5. Mining Plan has been approved. 6. No forest land involved in lease area 7. There is no protected areas 	NO	6570	<p>The SEAC recommended to grant EC valid from the date of EC accorded up to the lease period with following additional conditions.</p> <p>i) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.</p>

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								<p>i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation pending.</p> <p>9. The concerned Tahasildar has furnished DLC report. DLC report of concerned Tahasildar reveals that the lease area is not included in the DLC list.</p> <p>10. The Tahasildar has furnished</p>			<p>ii) In view of likely revision of DSR the mention of this deposit with coordinates is to be ensured</p> <p>iii) Plantation programme to be completed within first two years and to be maintained in remaining years.</p> <p>iv) Depth of Mining as proposed should not be beyond 6m from the ground level.</p> <p>v) Mitigation measures for flying Rock for safety be put in place.</p> <p>vi) Stone quarry project proponent need to maintain periodic health check-up records</p>

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								Cluster certificate. The Cluster certificate reveals that there is no other mine located within 500 meter from the boundary of the mine.			of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis. vii) The boundary area of the deposit as per the revised / updated DSR to be defined by geo coordinates based on DGPS survey superimposed on the cadastral map. viii) Construction of garland drains retaining wall and settling tank should be

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J Nayak
Environmental Scientist, SEAC

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											ensured to prevent erosion during rainfall and to collect silt generated during the mining activity. (ix) Air quality monitoring shall be carried out thrice in a year. (season-wise). (x) EC may be granted after inclusion of sairat source in DSR report.
6.	SIA/OR/M IN/44546 4/2023	Tahasildar, Gunupur (Lessee) M/s. Bainapadar Sand Quarry At: O/o. Tahsil Office, Gunupur Bainapadar Pratapur	Rayagada	Sand	Proposal of Environmental Clearance for Bainapadar Sand Quarry is a sand mining project over an area 9.61 Acre / 3.889 Ha.	5 Years	Nil (As per checklist)	1. This proposal Bainapadar Sand Quarry Permit for lifting of sand from Vansadhara River for under Gadiakhala - II Megalift Scheme for purpose of govt. development	NO	34500	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: (i) Entire lease area is almost in

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		Karama Dist: Rayagada Pin: 765022 Email: Bainapadar Pratapur Karama			located in Village at- Bainapadar & Pratapur/ Karama, Tahasil-Gunupur, District-Rayagada of Tahasildar, Gunupur - EC			works. 2. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 3. The present sairat source is identified as new sairat source which has not been included in DSR. Correspondence letter of Tahasildar has been submitted. 4. Topo sheet indicating location of the mine has been furnished. 5. EMP has been submitted. 6. Mining Plan has been approved. 7. No forest land involved in lease area			the middle of the river, which is submerged with water including both the sides of the lease area upto embankments. Hence, it will be difficult to decide upon unless a fresh KML file. Hence revised KML file to be submitted certified by Tahasildar. (ii) Inclusion of sairat source in the DSR is also essential for consideration of EC.

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								<p>8. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>9. There is no court case / litigation pending.</p> <p>10. The Tahasildar has furnished Cluster certificate. The Cluster certificate reveals that there is no other mines located within 500 meters from the boundary of the</p>			

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7.	SIA/OR/MIN/44069/6/2023	Sri Prodyut Das (Lessee) M/s. Sapsil Stone Quarry At: Netaji Nagar, Semiliguda Dist: Koraput Pin: 764036 Email: sapsilstone@gmail.com	Koraput	Stone	Proposal of Environmental Clearance for Sapsil Stone Quarry over an area of 4.00 acres or 1.619 hectares bearing Khata no. 76, Plot no. 304 in Sapsil village under Koraput Tahasil, District Koraput of Sri Prodyut Das - EC	5 Years	Nil (As per checklist)	mine. 1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 2. Final DSR has been submitted. 3. Topo sheet indicating location of the mine has been furnished. 4. EMP has been submitted. 5. Mining Plan has been approved. 6. No forest land involved in lease area 7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments,	NO	10125	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: (i) In DSR, there are 3 more stone quarries in same khata no. 76. Status of all quarries. (ii) Distance of all quarries from the proposed quarry with geo coordinates. (iii) Google map showing all the quarries. (iv) 500 meter certificate is not on the office letterhead and

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								<p>Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation pending.</p> <p>9. The concerned Tahasildar has furnished DLC report. DLC report of concerned Tahasildar reveals that the lease area is not included in the DLC list.</p> <p>10. The Tahasildar has furnished Cluster certificate. The Cluster certificate reveals that there is no other mine located within 500 meter from the</p>			<p>has no mention of date.</p> <p>(v) Annexure A signed by the Tahasildar, Koraput has no mention of date.</p> <p>(vi) Certificate of non-forest land is not on the office letter head and has no mention of date.</p> <p>(vii) EMP report is not dated.</p> <p>(viii) Form F is dated 04th November 2022 which is more than two years after the date of mining plan approval. It is not known if the mine was earlier operated after the</p>

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								boundary of the mine.			mining plan was approved in August 2020. (ix) Satellite coordinates of the ML area boundary are not reported superimposed on the cadastral map. (x) RL of the top surface of the mining lease area prior to mining along with RL of the bottom most surface post mining. (xi) RL of the ground water table as well as that of the ground surface. The EMP report states water table varying between

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
											10 to 15 meter below surface without any information on RLs.
8.	SIA/OR/M IN/44147 9/2023	Sri Siyaram Sharma (Lessee) M/s. Baghamunda Stone Quarry At: Ward No-8, Badapada At/Po- Padampur, Dist-Bargarh Pin: 768036 Email: siyaramsharma630@gmail.com	Balangir	Stone	Proposal of Environmental Clearance for Baghamunda Stone Quarry over an area of 4.28 Acres or 1.732 Hectares in village Baghamunda under Khaprakhol tahasil of Balangir district of Sri Siyaram Sharma - EC	5 Years	Nil (As per checklist)	<ol style="list-style-type: none"> 1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 2. Final DSR has been submitted. 3. Topo sheet indicating location of the mine has been furnished. 4. EMP has been submitted. 5. Mining Plan has been approved. 6. No forest land involved in lease area 7. There is no protected areas i.e. National Park, Sanctuary, 	NO	1176	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: (i) In DSR, khata no-319 and in mining plan khata no - 132. This shall be clarified.

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Sl. No	SEIAA File No	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
								<p>Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation pending.</p> <p>9. The concerned Tahasildar has furnished DLC report. DLC report of concerned Tahasildar reveals that the lease area is not included in the DLC list.</p> <p>10. The Tahasildar has furnished Cluster certificate. The Cluster</p>			

Proceedings of SEAC meeting (Minor Minerals) held on 13th, 15th, 17th and 18th November 2023

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
								certificate reveals that there is no other mine located within 500 meter from the boundary of the mine.			
9.	SIA/OR/M IN/41875 0/2023	Sri Babu Mohanty (Lessee) M/s. Handighara Brick Earth Quarry At- Handighara, Po- Taratarini Hill, Ps- Purushottampur, District-Ganjam, Pin: 761018 Email: handigharabrick@gmail.com	Ganjam	Brick Earth	Proposal of Environmental Clearance for Handighara Brick Earth Quarry over an area of 1.395 acres or 0.564 hectares bearing Khata no. 219, Plot no. 62, in village Handighara, Tahasil- Purushottampur, District- Ganjam of Sri Babu Mohanty - EC	5 Years	Nil (As per checklist)	1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 2. Final DSR has been submitted. 3. Topo sheet indicating location of the mine has been furnished. 4. EMP has been submitted. 5. Mining Plan has been approved. 6. No forest land involved in lease area 7. There is no protected areas i.e. National Park,	NO	1390	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: (i) Revised checklist after making necessary corrections to incorrect entries in Checklist (Annexure 1) on date of challan (Sl.1), name of minor mineral (Sl. 6&7). (ii) Detailed map on approach road

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general conditions apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
								<p>Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation pending.</p> <p>9. The concerned Tahasildar has furnished DLC report. DLC report of concerned Tahasildar reveals that the lease area is not included in the DLC list.</p> <p>10. The Tahasildar has furnished Cluster certificate.</p>			to the quarry site from State Highway showing details of revenue plots (with ownership) coming on its way need to be submitted duly certified by the Tahasildar. If such plots fall on private land then lease agreement with private owners is necessary and same has to be submitted. (iii) DFO certificate in support of information at sl. No. 10 of check list is to be submitted.

Proceedings of SEAC meeting (Minor Minerals) held on 13th, 15th, 17th and 18th November 2023

Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area.	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general conditions apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
								The Cluster certificate reveals that there is no other mine located within 500 meter from the boundary of the mine.			(iv) Lease sanction is on dated 01.06.2019. and Mining Plan approved on 26.11.2019. The Project Proponent has to clarify reason to apply the proposal for EC after 3 years. (iv) Certificate from District Agriculture Officer on cropping pattern involved on the lease land as the lease plot is stated to be irrigated land.(Sl.11 of check list)
10.	SIA/OR/M IN/44987 5/2023	Sri Sangram Keshari Lenka (Lessee) M/s. Durgadeipur Sand Quarry At Galigopalpur, Po	Keonjhar	Sand	Proposal of Environmental Clearance for Durgadeipur Sand Quarry over an area of 3.00 acres or 1.214 hectares in village Durgadeipur under Patna	5 Years	Nil (As per checklist)	1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 2. Final DSR has been submitted. 3. Topo sheet indicating location of the mine has	NO	1250	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: (i) Past production details during the previous lease period (from year 2015 to 2020) duly certified by Tahasildar.

Proceedings of SEAC meeting (Minor Minerals) held on 13th, 15th, 17th and 18th November 2023

Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation or SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
		Chhendipada, Ps - Nandipada, Dist – Keonjhar Pin: 758083 Email: lenkasangram09@gmail.com			Tahasil in Keonjhar District, Odisha of Sri Sangram Keshari Lenka - EC			<p>been furnished.</p> <p>4. EMP has been submitted.</p> <p>5. Mining Plan has been approved.</p> <p>6. No forest land involved in lease area</p> <p>7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation pending.</p> <p>9. The Tahasildar has furnished</p>			<p>(ii) There is no mention of any replenishment studies after one year of operation. Replenishment study carried out if any, may be submitted.</p> <p>(iii) There is a reduction in lease area from 24.9Acre to 3.0Acre and also the production capacity from 35000cum to 6250cum when compared with previous EC. The project proponent has to clarify the reason for reduction in lease area with supporting documents.</p> <p>(iv) Undertaking by the project</p>

Proceedings of SEAC meeting (Minor Minerals) held on 13th, 15th, 17th and 18th November 2023

J. Nayak
Environmental Scientist, SEAC

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
								<p>meters from the boundary of the mine.</p> <p>10. Earlier the EC was approved by SEIAA on dated 16-07-2015 for approved capacity 35000cum of sand excavation over an lease area of 24.9 Acre.</p> <p>11. Now the Project proponent has applied fresh EC over an lease area of 3.00 Acre for a revised mining plan of 6250cum/annum volume of sand excavation.</p>			proponent that there will be no mining of sand in rest area in near future.
11.	SIA/OR/M IN/438514 /2023	Sri Shaswata Pradhan (Lessee) M/s. Baliatota Sand Bed	Sundargarh	Sand	Proposal of Environmental Clearance for Baliatota Sand Bed over an area 5.00 Ac or 2.023 Ha in	5 Years	Nil (As per checklist)	1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar.	NO	3529 (max)	The SEAC recommended to grant EC valid from the date of EC accorded upto the lease period with specific

Proceedings of SEAC meeting (Minor Minerals) held on 13th, 15th, 17th and 18th November 2023

J Nayak
Environmental Scientist, SEAC

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
		At/Po-Bonai, Dist-Sundargarh Pin-770038 Email: ecbaliatotasandbed@gmail.com			village Bhahmani Nadi (KHA) under Bonai tahasil of Sundargarh district of Sri Shaswata Pradhan - EC			<ol style="list-style-type: none"> 2. Final DSR has been submitted. 3. Topo sheet indicating location of the mine has been furnished. 4. EMP has been submitted. 5. Mining Plan has been approved. 6. No forest land involved in lease area 7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area. 			<p>conditions stipulated for sand mine with following additional conditions.</p> <p>i) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.</p> <p>ii) In view of likely revision of DSR the mention of this deposit with coordinates is to be ensured.</p> <p>iii) The boundary area of the deposit as per the updated DSR defined by geo coordinates based</p>

Proceedings of SEAC meeting (Minor Minerals) held on 13th, 15th, 17th and 18th November 2023

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
								<p>8. There is no court case / litigation pending.</p> <p>9. The Tahasildar has furnished Cluster certificate. The Cluster certificate reveals that there is no other mines located within 500 meters from the boundary of the mine.</p>			<p>on DGPS survey be superimposed on the cadastral map.</p> <p>iv) Plantation programme to be completed within first two years and to be maintained in remaining years.</p> <p>v) The Project proponent shall follow Sustainable Sand Mining Guidelines, 2020.</p> <p>vi) The proponent shall provide Bio-toilet for the workers.</p> <p>vii) Project Proponent shall not disturb the water course during mining.</p>
12.	SIA/OR/M IN/44481	Sri Biseswar Khanda	Mayurbhanj	Brick Earth	Proposal of Environmental	5 Years	Mohulia Brick Earth Quarry	1. Furnished filled in Form-I, pre-	NO	1160	The SEAC decided to take

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J Nayak
Environmental Scientist, SEAC

Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
	0/2023	(Lessee) M/s. Mohulia Brick Earth Quarry At: Sanamuhin. Baripada, Baripada (M) Dist: Mayurbhanj Pin: 757001 Email: bisheswarkhand a@gmail.com			Clearance for Mohulia Brick Earth Quarry Over an area of 1.37 Acres or 0.554 hectares in village Mohulia under Shamakhunta Tahasil of Mayurbhanj District of Sri Biseswar Khanda - EC		(1.85 Acres or 0.748 hectares)	feasibility report and check list as endorsed / submitted by the Tahasildar. 2. Final DSR has been submitted. 3. Topo sheet indicating location of the mine has been furnished. 4. EMP has been submitted in cluster approach. 5. Mining Plan has been approved. 6. No forest land involved in lease area 7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and			decision on the proposal after receipt of the following from the concerned Tahasildar: (i) In pre-feasibility Report, it is mentioned that the project is situated on the cultivation land but in Risk Assessment report, it is mentioned that mining will be done only in non-agriculture land. This shall be clarified? (ii) Certificate from District Agricultural Officer (DAO) that the proposed land is not suitable for

Proceedings of SEAC meeting (Minor Minerals) held on 13th, 15th, 17th and 18th November 2023

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
								<p>critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court case / litigation pending.</p> <p>9. The concerned Tahasildar has furnished DLC report. DLC report of concerned Tahasildar reveals that the lease area is not included in the DLC list.</p> <p>10. The Tahasildar has furnished Cluster certificate. The Cluster certificate reveals that there is one other mine located within 500 meter from the boundary of the mine.</p>			agricultural purposes.

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
13.	SIA/OR/M IN/43960 1/2023	Sri Dillip Kumar Sahoo (Lessee) M/s. Pankapal-1 Sand Quarry At: Plot No-746, 1st Floor, Saheed Nagar, Bhubaneswar Dist: Khordha Pin: 751007 Email: dillipkumarsahoo352@gmail.com	Jajpur	Sand	Proposal of Environmental Clearance for Pankapal-1 Sand Quarry Over an area of 12.30 Acres or 4.978 hectares in village Pankapal under Danagadi Tahasil in Jajpur District of Sri Dillip Kumar Sahoo - EC	5 Years	Nil (As per checklist)	<ol style="list-style-type: none"> 1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 2. Final DSR has been submitted. 3. Topo sheet indicating location of the mine has been furnished. 4. EMP has been submitted. 5. Mining Plan has been approved. 6. No forest land involved in lease area 7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State 	NO	36000	<p>The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar:</p> <p>(i) In DSR, khata no-224 and plot no.- 1075p,1089p is mentioned whereas in Mining plan only plot no. 1089(p) is present. This shall be clarified.</p> <p>(ii) In DSR, there is another quarry Pankapal-2 Sand Quarry with same khata no. and plot no. Status of the quarry and distance of the quarry from the</p>

Proceedings of SEAC meeting (Minor Minerals) held on 13th, 15th, 17th and 18th November 2023

J Nayak
Environmental Scientist, SEAC

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
								boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area. 8. There is no court case / litigation pending. 9. The Tahasildar has furnished Cluster certificate. The Cluster certificate reveals that there is no other mines located within 500 meters from the boundary of the mine.			proposed quarry.
14.	SIA/OR/M 1N/42337 7/2023	Sri Narender Singh Malhotra (Lessee) M/s. Katakamada Road Metal Quarry No- 02	Dhenkanal	Stone (Road Metal)	Proposal of Environmental Clearance for Katakamada Road Metal Quarry No- 02 over an area of	5 Years	Nil (As per checklist)	1. Furnished filled in Form-I, pre-feasibility report and check list as endorsed / submitted by the Tahasildar. 2. Final DSR has	NO	25099 (max)	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar:

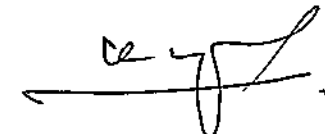
Proceedings of SEAC meeting (Minor Minerals) held on 13th, 15th, 17th and 18th November 2023

J. Nayak
Environmental Scientist, SEAC

Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I; Pre-feasibility report, approved mining plan and checklist	Whether general conditions apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
		At: HIG-6, Bda Colony, Jaydev Vihar, Bhubaneswar Pin: 751013 Email: utkalhighways0@gmail.com			8.50 Acre or 3.439 Ha under Dhenkanal Tahasil of Dhenkanal District Odisha of Sri Narender Singh Malhotra - EC			<p>been submitted.</p> <p>3. Topo sheet indicating location of the mine has been furnished.</p> <p>4. EMP has been submitted.</p> <p>5. Mining Plan has been approved.</p> <p>6. No forest land involved in lease area</p> <p>7. There is no protected areas i.e. National Park, Sanctuary, Habitat for Migratory Birds, Tiger Reserve, Protected Monuments, Inter-State boundary and critically polluted area as identified by CPCB etc. located within 5 km radius of the mine lease area.</p> <p>8. There is no court</p>			<p>(i) The lease area is passing through a road. Type of road to be specified? Is it village road?</p> <p>(ii) In Mining Plan, why there is no area left for non-mining zone as a safety distance from road. This shall be clarified.</p>

Proceedings of SEAC meeting (Minor Minerals) held on 13th, 15th, 17th and 18th November 2023

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Mining lease period	Details of other mines including lease area located within 500 m from the periphery of the proposed mine lease area	Observation of SEAC based on Form-I, Pre-feasibility report, approved mining plan and checklist	Whether general condition apply	Maximum annual production capacity (in m ³)	Recommendation of the SEAC
								<p>case / litigation pending.</p> <p>9. The concerned Tahasildar has furnished DLC report. DLC report of concerned Tahasildar reveals that the lease area is not included in the DLC list.</p> <p>10. The Tahasildar has furnished Cluster certificate. The Cluster certificate reveals that there is no other mine located within 500 meter from the boundary of the mine.</p>			



Member Secretary, SEAC

Proceedings of SEAC meeting (Minor Minerals) held on 13th, 15th, 17th and 18th November 2023

TABLE
DECISION ON MINOR MINERAL PROJECTS WITH LEASE AREA LESS THAN 5 HA.
ON 13TH, 15TH, 17TH AND 18TH NOVEMBER 2023
(CLARIFICATION RECEIVED)

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
1.	SIA/O R/MIN/427394/2023	Smt Sanghamitra Mandal (Lessee) M/s. Bhanda Sand Quarry At/Po/Ps- Joda, Dist- Keonjhar Pin: 758034 Email: bhandasand22@gmail.com	Keonjhar	Sand	Proposal of Environmental Clearance for Bhanda Sand Quarry over an area of 0.50 acres or 0.202 hectares in Village Bhanda under Champua Tahasil in Keonjhar District of Smt Sanghamitra Mandal - EC	28.06.2023	<p>i. Distance of Bhanda Sand Quarry (Nala) khata no. 181 and plot no. 940 from the proposed quarry with geo coordinates.</p> <p>ii. Road bridge is at 230 meters. What is the length of the bridge? In view of this layout plan and area calculation</p>	<p>Bhanda Sand Quarry (Nala) khata no. 181 and plot no. 940 has been approved for extinction by Collector vide letter no. 201/Touzi/Dt.05.05.2022.</p> <p>Length of the bridge = 26meters</p>	<p>The SEAC recommended to grant EC valid from the date of EC accorded upto the lease period with specific conditions stipulated for sand mine with following additional conditions.</p> <p>i)The Road bridge is at 230 meters upstream. As per Sustainable Sand Mining Guidelines, 2020 of MoEFCC a minimum area of 250 meters shall be left as safety zone from the bridge. In view of this lessee shall clearly calculate the safety zone as per Sustainable Sand</p>

Proceedings of SEAC meeting (Minor Mineral – Clarification received) held on 13th, 15th, 17th and 18th November 2023

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							showing clearly the safety zone as per 2020 guidelines of MoEFCC.		<p>Mining Guidelines, 2020 of MoEFCC and thereby revise its Mining Plan accordingly.</p> <p>ii) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.</p> <p>iii) In view of likely revision of DSR the mention of this deposit with coordinates is to be ensured.</p> <p>iv) The boundary area of the deposit as per the updated DSR defined by geo coordinates based on DGPS survey be superimposed on the cadastral map.</p> <p>v) Plantation programme to be completed within first two years and to be maintained in remaining years.</p>

Proceedings of SEAC meeting (Minor Mineral – Clarification received) held on 13th, 15th, 17th and 18th November 2023

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
									vi) The Project proponent shall follow Sustainable Sand Mining Guidelines, 2020. vii) The proponent shall provide Bio- toilet for the workers. viii) Project Proponent shall not disturb the water course during mining and shall restrict mining to actual depth of sand.
2.	SIA/O R/MIN/ 40474 0/2022	Smt. Reena Naik (Lessee) M/s. Ghoghar Sand Bed(A) At/Po- Balisankara Dist: Sundargarh Pin: 770015 Email: tdrbalisankara@gmail.co	Sundargarh	Sand	Proposal of Environmental Clearance for Ghoghar Sand Bed(A) over an area of 5.00 Acres or 2.02 Ha having Khata No.171, Plot No. 1416/1460/P in village Ghoghar under Balisankara Tahasil of	02nd, 03rd, 04th and 05th August 2023	i. Exact distance of Ghoghar Sand Bed (B) from the proposed quarry supported by google map with Geo coordinates. ii. It is mentioned that sand will be excavated	Exact distance of Ghoghar Sand Bed (B) from the proposed quarry – 1.37KM. Google Map showing distance between 2 quarries is attached. From Pre monsoon and Post monsoon RL it is observed that avg. RL is 1m so that 1m depth will	The SEAC recommended to grant EC valid from the date of EC accorded upto the lease period with specific conditions stipulated for sand mine with following additional conditions. i) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.

Proceedings of SEAC meeting (Minor Mineral – Clarification received) held on 13th, 15th, 17th and 18th November 2023

T. Nayak
Environmental Scientist, SEAC

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
		m			Sundargarh District of Smt. Reena Naik - EC		with a surface area of 2867 m2 and a depth of 1m. How the depth of 1.0m will be decided for mining	be decided for mining.	ii) In view of likely revision of DSR the mention of this deposit with coordinates is to be ensured. iii) The boundary area of the deposit as per the updated DSR defined by geo coordinates based on DGPS survey be superimposed on the cadastral map.
							iii. Total project cost is written as 0.3Lakhs while 14 persons will be engaged and the project length is for five years. It seems not viable.	The project cost is 3 lakhs. It is typically mistake written as 0.3 lakhs.	iv) Plantation programme to be completed within first two years and to be maintained in remaining years. v) The Project proponent shall follow Sustainable Sand Mining Guidelines, 2020. vi) The proponent shall provide Bio- toilet for the workers. vii) Project Proponent shall not disturb the water course during mining and shall restrict

Proceedings of SEAC meeting (Minor Mineral – Clarification received) held on 13th, 15th, 17th and 18th November 2023

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
									mining to actual depth of sand.
3.	SIA/O R/MIN/ 40366 3/2022	Sri Tuleswar Naik (Lessee) M/s. Manjhari Sand Bed At- Tumra, Po- Manjhari, Ps- Golamunda, Dist- Kalahandi Pin: 766015 Email: tuleswarnaik7@gmail.com	Kalahandi	Sand	Proposal of Environmental Clearance for Manjhari Sand Bed over an area of 7.00 Acres or 2.832 Hectares in village Manjhari under Golamunda tahasil of Kalahandi district of Sri Tuleswar Naik - EC	02nd, 03rd, 04th and 05th August 2023	Approach road for transportation of mined minerals from the riverbed could not be ascertained. Submit the details of approach road along with layout map.	Google map layout highlighting the transport route on both sides of the proposed quarry.	The SEAC observed the following: •Sand replenishment study report not available to limit extraction volume to replenishment volume. •KML file attached reveal that the lease area marked for mining may not be suitable for mining as the major area comes within restricted zone such as water bearing area, safe distance from the bank, concave bank side, mandatory safe distance from lease boundary. •Volume of sand replenishment has limitation in Udanti river due to small catchment.

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any.	Recommendation of the SEAC
						Date of meeting	Clarification		
									The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: (i) NOC from concerned water resource dept. that the mining activity in proposed quarry will not affect the river bank from erosion.
4.	SIA/O R/MIN/ 40266 3/2022	Sri Rajeswar Thakur (Lessee) M/s. Subendangar Stone Quarry-II At- Near Balaji Temple, Po/Ps- Bhawanipatna, Dist-	Kalahandi	Stone	Proposal of Environmental Clearance for Subendangar Stone Quarry-II over an area of 9.00 Acres or 3.642 Hectares in village Subendangar under Kesinga tahasil of Kalahandi district of Sri Rajeswar Thakur - EC	02nd, 03rd, 04th and 05th August 2023	1. Information against location (at 4.3), it is mentioned as Jharakusum Khunti village & Forest whereas at sl. 5 it is mentioned entire 3.642 ha land is non forest. This needs	Actually total land is non forest which has already been shown in approved Mining Plan. Accordingly the name of the quarry Subendanger village is not shown in Google Earth but Jharakusum Khunti village is the nearest village of the lease area.	After detailed discussion, the SEAC decided to recommend the proposal for EC valid from the date of EC accorded upto the lease period with specific conditions stipulated for stone mine with following additional conditions: (i) From KML file, it looks the mines is within 500m of residential area and school(Jharkusumkhunti village). Safety

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
		Kalahandi Pin: 766001 Email: rajeswarthakur307@gmail.com					clarification.		measures to be taken during transportation of mineral. (ii) Since it is a stone quarry and blasting is proposed, blasting management should be under the supervision of authorized agency/expert. (iii) The location of mines is surrounded by agricultural lands and chances of mines debris/silt ingressing to the fields with storm water prevails. History in KML file reveals the mines activity was continuing in the area, as the agricultural lands seen green in back 2012 has now turned black due to mines as seen in 2022 imagery. Proper mitigation measures
							2. Information on labour employment given as 6000nos for construction period (for 300 days @20 nos each day). For stone quarry 300 days construction period is not convincing.	As per production quantity is 15030 cum per year & daily 20 nos. of people are engaged as well as local people will be deployed so that 6000nos of construction period is convincing.	
							3. Requirement of construction material of 2MT from fuel station source is not clear.	50L of Diesel is used from nearby fuel station.	
							4. Existing green belt is	Regarding plantation in the approved Mining	

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J. Rajak
Environmental Scientist, SEAC

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes /No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							0.075 ha (2.05% of total area) and the PP is not adding any more area but proposed to plant 150 trees in that area. Details of existing plants and proposed program for additional 150 plants may be clarified with a schematic diagram.	Plan clearly shown 150 nos. of sampling are planted to cover 750 sq.mtr area which is 0.02% of total lease area. Vacant area will also covered by plantation.	should be enforced to protect the agricultural fields.
						5. In formation furnished for waste water is as follows:- Waste	This was typically error the correct data as per approved mining plan is total 5KLD water is		

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							<p>water- 2 KLD Treated water to use- 1 KLD Treated water to discharge outside premises- 2KLD Purpose for use of treated water- NA While waste water is 2KLD, how Total treated water would be 3 KLD? Besides purpose for use of treated water needs to be furnished. Detail plan for treatment of</p>	<p>used i.e. 2KLD water is used for waste water, 1KLD water is used for treated water proposed to use & 2KLD water is used for discharge outside the premises.</p>	

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							water needs to be furnished.		
							6. In KML file a world map has been uploaded. Appropriate KML file need to be uploaded.	The correct kml file is uploaded.	
5.	SIA/O R/MIN/ 41647 7/2023	Sri Niraj Agrawal (Lessee) M/s. Bhutiarbahal Stone Quarry-C At- Palace line, Po- Balangir Dist Balangir Pin: 767001 Email: nirajagrawal715@gmail.com	Balangir	Stone	Proposal of Environmental Clearance for Bhutiarbahal Stone Quarry-C over an area of 2.00 Acres or 0.809 Hectares in village Bhutiarbahal under Balangir tahasil of Balangir district of Sri Niraj Agrawal - EC	02nd, 03rd, 04th and 05th August 2023	1. From combined KML file it is observed that mining has been done in the gap area between Quarry- A and B and also east side of quarry- A. Also mining has been done beyond west boundary of	All the Bhutiarbahal Stone Quarry A, B, C which comes under Plot no - 1727, khata no - 243, mouza - Bhutiarbahal, Tahasil - Balangir, Odisha. All the quarries were operated since last 10 years with deposition of Royalty, EMF, DMF, Surface rent, Dead Rent etc. Though all the three quarries were in the same plot and	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: 1. The explanation has no clarity. Tahasildar may furnish the present quarry boundary superimposed on previous quarry boundary for better appraisal. 2. The garland canal layout now submitted has no

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							Quarry B. Tahasildar may clarify on this.	there is one approach road, mining and transportation were made using common path. Quarry operation was done as per the previous demarcation conducted by Revenue officials. During the present date survey demarcation was made by DGPS instruments after geo-referencing the lease areas. The excavated area between the Bhutiarbahal Stone Quarry - A & Bhutiarbahal Stone Quarry - B was old quarry workings for which already revenues were	clarity on garland canal. 3. The compliance has no clarity on details of plantation. The details should show number of plants, species, location and a statement mentioning proposal in previous EMP vis-à-vis achievement supported with a sketch and photographs.

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
								collected by the department. Now the three quarries were identified separately, demarcation and stone excavation will be checked regularly.	
							2. Combined EMP budget for all three mines and budget for Quarry - A furnished. Both are same. How? Separate budget for Quarry A, B & C need to be furnished and total budget of these three quarries should tally with the combined EMP budget	This is typically error. The revised EMP and budget for Bhutiarbahal - A, B, C has been shown clearly. The copy of separate budget for quarry A, B, C is attached as Annexure - 5	

Proceedings of SEAC meeting (Minor Mineral – Clarification received) held on 13th, 15th, 17th and 18th November 2023

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes./ No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							3. There is no clarity in the lay out plan for garland canal. Lay out plan to be submitted with clarity.	Layout plan is attached as Annexure – 6	
							4. Details of plantation done during the previous lease period needs to be submitted duly certified by the Tahasildar.	Plantation has been done during previous lease period.	
6.	SIA/O R/MIN/ 41643 5/2023	Sri Niraj Agrawal (Lessee) M/s. Bhutiarbahal Stone Quarry-B At- Palace line, Po- Balangir	Balangir	Stone	Proposal of Environmental Clearance for Bhutiarbahal Stone Quarry-B over an area of 3.00 Acres or 1.214 Hectares in village	02nd, 03rd, 04th and 05th August 2023	1. From combined KML file it is observed that mining has been done in the gap area between Quarry- A and B and also east	All the Bhutiarbahal Stone Quarry A, B, C which comes under Plot no - 1727, khata no – 243, mouza – Bhutiarbahal, Tahasil – Balangir, Odisha. All the quarries were operated since last 10	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: 1. The explanation has no clarity. Tahasildar may furnish the present quarry boundary

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
		Dist: Balangir Pin: 767001 Email: nirajagrawal715@gmail.com			Bhutiabahal under Balangir tahasil of Balangir district of Sri Niraj Agrawal - EC		side of quarry- A. Also mining has been done beyond west boundary of Quarry B. Tahasildar may clarify on this.	years with deposition of Royalty, EMF, DMF, Surface rent, Dead Rent etc. Though all the three quarries were in the same plot and there is one approach road, mining and transportation were made using common path. Quarry operation was done as per the previous demarcation conducted by Revenue officials. During the present date survey demarcation was made by DGPS instruments after geo-referencing the lease areas. The excavated area between the Bhutiabahal Stone	superimposed on previous quarry boundary for better appraisal. 2. The garland drain layout now submitted has no clarity on garland canal. 3. The compliance has no clarity on details of plantation. The details should show number of plants, species, location and a statement mentioning proposal in previous EMP vis-à-vis achievement supported with a sketch and photographs.

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
								Quarry - A & Bhutiarbahal Stone Quarry - B was old quarry workings for which already revenues were collected by the department. Now the three quarries were identified separately, demarcation and stone excavation will be checked regularly.	
							2. Combined EMP budget for all three mines and budget for Quarry - A furnished. Both are same. How? Separate budget for Quarry A, B & C need to be furnished	This is typically error. The revised EMP and budget for Bhutiarbahal - A, B, C has been shown clearly. The copy of separate budget for quarry A, B, C is attached as Annexure - 3	

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							and total budget of these three quarries should tally with the combined EMP budget		
							3. There is no clarity in the lay out plan for garland canal. Lay out plan to be submitted with clarity.	Layout plan is attached as Annexure – 4	
							4. Details of plantation done during the previous lease period needs to be submitted duly certified by the Tahasildar.	Plantation has been done during previous lease period.	
7.	SIA/O R/MIN/41633 6/2023	Sri Niraj Agrawal (Lessee)	Balangir	Stone	Proposal of Environmental Clearance for	02nd, 03rd, 04th and 05th August 2023	1. From combined KML file it is observed	All the Bhutiarbahal Stone Quarry A, B, C which comes under	The SEAC decided to take decision on the proposal after receipt of the following from the

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
		M/s. Bhutiarbahal Stone Quarry-A At- Palace line, Po-Balangir Dist: Balangir Pin: 767001 Email: nirajagrawal715@gmail.com			Bhutiarbahal Stone Quarry-A over an area of 4.00 Acres or 1.618 Hectares in village Bhutiarbahal under Balangir tahasil of Balangir district Sri Niraj Agrawal - EC		that mining has been done in the gap area between Quarry- A and B and also east side of quarry- A. Also mining has been done beyond west boundary of Quarry B. Tahasildar may clarify on this.	Plot no - 1727, khata no - 243, mouza - Bhutiarbahal, Tahasil - Balangir, Odisha. All the quarries were operated since last 10 years with deposition of Royalty, EMF, DMF, Surface rent, Dead Rent etc. Though all the three quarries were in the same plot and there is one approach road, mining and transportation were made using common path. Quarry operation was done as per the previous demarcation conducted by Revenue officials. During the present date survey demarcation was made	concerned Tahasildar: 1) RLs of top surface and bottom surface of the ML area as per the approved mining plan along with RL of the surface ground. 2) Estimated mineral resources in the ML area and the estimated life of the mine. 3) RL of ground water table in rainy and summer season. 4) Detail lay out showing positions of areas storing overburden, mineral products, rejects generated during mining etc. for all the 3 ML areas in the cluster along with access roads to each of these 3 ML

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
								<p>by DGPS instruments after geo-referencing the lease areas. The excavated area between the Bhutiarbahal Stone Quarry - A & Bhutiarbahal Stone Quarry - B was old quarry workings for which already revenues were collected by the department. Now the three quarries were identified separately, demarcation and stone excavation will be checked regularly.</p>	<p>areas in the cluster. 5) The proposal mentions use of explosives for blasting. The project proponents complying with all statutory guidelines for storing, handling and using explosives. 6) Certificate from Tahasildar to confirm that no habitation is near the ML areas for carrying out safe blasting operations in all the three ML areas.</p>
							2. Combined EMP budget for all three mines and budget for Quarry - A	<p>This is typically error. The revised EMP and budget for Bhutiarbahal - A, B, C has been</p>	<p>In case of all Bhutiarbahal Stone mines in these proceedings clarifications are same as observations of SEAC should also be same for all. There may be additional information but core observations should be</p>

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							furnished. Both are same. How? Separate budget for Quarry A, B & C need to be furnished and total budget of these three quarries should tally with the combined EMP budget.	shown clearly. The copy of separate budget for quarry A, B, C is attached as Annexure – 1	same)
							3. There is no clarity in the lay out plan for garland canal. Lay out plan to be submitted with clarity.	Layout plan is attached as Annexure – 2	
							4. Details of plantation done during the previous lease period	Plantation has been done during previous lease period.	

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							needs to be submitted duly certified by the Tahasildar.		
8.	SIA/O R/MIN/42594 9/2023	Tahasildar, Borigumma (Lessee) M/s. Jodaput Stone Quarry At - Tahasil Office Borigumma Dist: Koraput Pin: 764056 Email: tahasildarborigumma@gmail.com	Koraput	Stone	Proposal of Environmental Clearance for Jodaput Stone Quarry over an area of 11.927 acres or 4.827 hectares bearing Khata no.69, Plot no.308 & 320 in Village Jodaput, Tahasil Borigumma, District Koraput of Tahasildar, Borigumma - EC	02nd, 03rd, 04th and 05th August 2023	1. Past production details of previous EC duly certified by Tahasildar is not attached in ADS. Copy to be submitted. 2. There is no specific Recommendations of R & B Divisional officer regarding requirement of minor minerals quantity basing on respective	It is to certify that the quarry was operated during the last 2 month with a production of 1500cum in the last month with obtaining the CTO. (copy for CTO & EC has been attached) An affidavit that the minor minerals of stone quarry shall only be utilized in the two Government projects and the contractor shall not sale the minor minerals and its products is attached as Annexure- I.	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: 1) RLs of top surface and bottom surface of the ML area as per the approved mining plan along with RL of the surface ground. 2) Estimated mineral resources in the ML area and the estimated life of the mine. 3) RL of ground water table in rainy and summer season. 4) The proposal mentions use of non-explosive blasting

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Sl. No.	SE/AA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							<p>agreements of two road projects. Besides Tahasildar shall obtain an undertaking in shape of affidavit that the minor minerals of leased quarry shall only be utilized in the two Government projects and the contractor shall not sale the minor minerals and its products.</p>	<p>Also an copy form Office of the Superintending Engineer, Jeypore (R&B) Division vide letter no. 6820 Dated 11.09.2023 is attached as Annexure - II</p>	<p>agents. Hence no permission is needed for use of blasting explosives. 5) Detail lay out showing positions of areas storing overburden, mineral products, rejects generated during mining etc.</p>
							3. Geo coordinates furnished for one	Geo coordinates of Nearest mine:- Jodaput Stone Quarry	

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							location. That for other location needs to be furnished.	(3.06 Acres or 1.238 Hectares Khata no. 69, Plot No.315) Lat-19°2'32.28"N to 19°2'35.79"N Long-82°32'14.12"E to 82°32'18.32"E Geo coordinates of Proposed mine – Jodaput Stone Quarry (11.927 acres or 4.827 hectares Khata no.69, Plot no. 308 & 320) Lat-19°2'43.47"N to 19°2'51.10"N Long-82°31'02.84"E to 82°31'14.95"E	
9.	SIA/O R/MIN/ 40522 0/2022	Sri Tapas Bishi (Lessee) M/s. Kumunibahal i-B Sand Bed At/Po- Padampur,	Bargarh	Sand	Proposal of Environmental Clearance for Kumunibahali-B Sand Bed over an area 8.00acres or 3.237hectares in	02nd, 03rd, 04th and 05th August 2023	1. The distance of the leased sand mine from bridge is 460 meters. 500 meters as mentioned in clarification	Agreed, The distance between the bridge and the lease boundary is 460 meters. However, the demarcated mining area within the lease area is beyond 500 meters.	The SEAC recommended to grant EC valid from the date of EC accorded upto the lease period with specific conditions stipulated for sand mine with following additional conditions. (i) The distance between lease area and

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
		Thasil- Padampur Dist: Bargarh Pin: 768034 Email: ectahasildarp adampur@gmail.com			Kumunibahali village under Padampur Tahasil of Bargarh district of Sri Tapas Bishi - EC		is not correct. 2. The date of picture captured for KML file is 30 th October 2022. The kml file shows the lease area is almost submerged with water. It seen that there is hardly any land mass for starting the mining activities. Hence revised kml file to be submitted certified by Tahasildar.	The satellite image was taken on October 30, 2022, and October comes during the monsoon season. Every year water remains in the leased area until December, and that sand becomes visible only after December.	river bridge is 430m, (430 or 460?), although the Tahasildar has declared that the mining area is 500m away from river bridge. As per Sustainable Sand Mining Guidelines, 2020 of MoEFCC a minimum area of 500 meters shall be left as safety zone from the bridge. In view of this lessee shall clearly calculate the safety zone as per Sustainable Sand Mining Guidelines, 2020 of MoEFCC and thereby revise its Mining Plan accordingly. (ii) Compliance report to Previous EC has not been submitted which was asked by SEIAA. EC shall be granted after submission of satisfactory compliance report to Previous EC

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J Nayak
Environmental Scientist, SEAC

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
									<p>conditions.</p> <p>iii) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee.</p> <p>iv) In view of likely revision of DSR the mention of this deposit with coordinates is to be ensured.</p> <p>v) The boundary area of the deposit as per the updated DSR defined by geo coordinates based on DGPS survey be superimposed on the cadastral map.</p> <p>vi) Plantation programme to be completed within first two years and to be maintained in remaining years.</p> <p>vii) The Project proponent shall follow Sustainable Sand Mining Guidelines,</p>

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
									2020. viii) The proponent shall provide Bio- toilet for the workers. ix) Project Proponent shall not disturb the water course during mining and shall restrict mining to actual depth of sand.
10.	SIA/O R/MIN/ 41863 5/2023	Sri Rahul Agrawal (Lessee) M/s. Sanbalichuan Stone Quarry-II At 77 -77(1), Ajadchhaka, Belpahar, Dist: Jharsuguda, Pin-768217 Email: sanbalichuan	Sundargarh	Stone	Proposal of Environmental Clearance for Sanbalichuan Stone Quarry-II over an area 4.02 acres or 1.626 Hectares in Sanbalichuan village under Hergir Tahasil of Sundargarh District of Sri Rahul Agrawal - EC	02nd, 03rd, 04th and 05th August 2023	1. The Project Proponent has mentioned there is violation for proposed quarry and undertake to pay the penalty and remedial measures as per the guidelines. But type of violation is not mentioned. Besides this, the	Violation is self-declared in Performa - II, as the depth of mining wall has excided more than 6m in height.	The SEAC decided to take decision on the proposal after receipt of the following from the concerned Tahasildar: (i) This is a violation case. The PP has excavated beyond stipulated depth of 6.0 m. How much depth they have gone it is not mentioned in the compliance report ? Whether water table is affected or not due to this activity it is to be clarified, Secondly, This is not a

Proceedings of SEAC meeting (Minor Mineral – Clarification received) held on 13th, 15th, 17th and 18th November 2023

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
		stonequarry2@yahoo.com					information on "Direction issued by", "Direction details" and "Direction copy" are not available. This needs clarification.		new proposal, but a part of old one. In both the cases it is mentioned 2.626 hec. The geological reserve and mineable reserves are same in the old and new mine plan. Hence, details of material excavation should be mentioned to ascertain how much materials are available since last operation during 2016 to 2020.
						2. The height of quarry wall is more than 6m height as mentioned in summary. But in the checklist it is mentioned as new proposal. The Tahasildar needs to clarify how the excavation of more than	The proposal is an existing source. In the checklist, there is a typological error. So the updated checklist is attached here. The applicant has applied temporary permit and as per report of joint Director, Geology, Sambalpur and DDM, Rourkela approximately 14000 cum of stone is		

Proceedings of SEAC meeting (Minor Mineral – Clarification received) held on 13th, 15th, 17th and 18th November 2023

Sl No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							6m depth has been taken place for a new proposal mine?	available adjacent to the quarry. Sri Rahul Agrawal, Director, Ashok Bricks Industries Pvt Ltd. applied temporary permit for execution of Govt. Work on project proponent.	
							3. There is no construction cost, only operational cost is mentioned. Reason for provision of water requirement during construction period needs clarification.	The proposal is a category B2 project and there will be no construction during the lease period. As a result, there are no construction expenses and no water requirements for construction.	
							4. There is mention of use of surface	Surface water will be drawn from the nearby pond and river to	

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Sl. No.	SEIAA File No.	Name & Address of the proponent.	District.	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							water, but method of withdrawal is mentioned as tube well. This needs clarification.	reduce dust during drilling and blasting. Water for drinking purposes will be retrieved from the closet tube well.	
							5. It is observed that the lease was given in favor of Pramod Agrawal, Director, Ashok Bricks Industries Pvt Ltd vide letter no 434 date 22.07.2016 of collector, Jharsuguda while granting EC. Records reveals that period of	Work order issued to Pramod Agrawal, Director: Ashok Bricks Industries Pvt Ltd, vide letter no. 1997/dtd. 17.11.2016 as per approved mining plan from 17.11.2016 to 16.11.2020 but the lease expired on 12.07.2017 and his Son Rahul Agrawal, Director: Ashok Bricks Industries Pvt Ltd, got the General power of Attorney holder on behalf of the Company	

Proceedings of SEAC meeting (Minor Mineral – Clarification received) held on 13th, 15th, 17th and 18th November 2023

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							<p>this mining lease was from 17.11.2016 to 16.11.2020. Present status of lease in favor of PP Sri Rahul Agrawal (individual capacity) is not available. In absence of Lease document and valid EC in favour of PP, reason for applying for EC as a violation case needs to be explained.</p>	<p>and work order issued in favour of him on temporary permit in favour of Sri Rahul Agrawal for execution of Govt. work on project Proponent.</p>	
							6. In KML file a sketch map	The proper KML file for	

Proceedings of SEAC meeting (Minor Mineral – Clarification received) held on 13th, 15th, 17th and 18th November 2023

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							has been uploaded. Appropriate KML file need to be uploaded.	the lease area has been sent to the email address seac.odisha.2019@gmail.com .	
11.	SIA/O R/MIN/ 43613 7/2023	Sri M. Shiva Patra (Lessee) M/s. Narayanpur Morrum Quarry At/Po- Korapalli, Ps-Gopalpur Dist-Ganjam Pin: 761002 Email: mshivapatra971@gmail.com	Ganjam	Morum	Proposal of Environmental Clearance for Narayanpur Morrum Quarry over an area of 7.58 acres or 3.067 hectares having Khata No. 424, Plot No. 812 in the Village Narayanpur, Konisi Tahasil in District Ganjam of Sri M. Shiva Patra - EC	02nd, 03rd, 04th and 05th August 2023	1. The quarry floor as per approved mining plan is 20.5 mRL and proposed pit dimension is 86m X 73 m X 26 mt. The quarry is bound to intersect the ground water table during mining of morrum. Preventive measures to be taken to address this issue to be submitted.	The proved limit is taken as 16mRL and the quarry floor level after mining will be 20.5 mRL so there is less possibility to intersect the ground water table during mining of morrum. However to prevent any future issue regarding water table no mining activity will be carried out during rainy season. A copy of Development plan is attached herewith.	The SEAC recommended to grant EC valid from the date of EC accorded up to the lease period with following additional conditions. i) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee. ii) In view of likely revision of DSR the mention of this deposit with coordinates is to be ensured iii) Plantation programme to be completed within first two years and to be

Proceedings of SEAC meeting (Minor Mineral – Clarification received) held on 13th, 15th, 17th and 18th November 2023

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							2. Proper plan of utilization of the mined out area along with provisions of barricades around the mining pit for preventing stray animals and occasional visiting persons to the mining site from facing any untoward incidents.	As far as mined out area is concern, the lessee is directed to barricades around the mining pit and throughout the lease area lessee before operation of mining.	maintained in remaining years. iv) Depth of Mining as proposed should not be beyond 6m from the ground level. vi) Morrum quarry project proponent need to maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the morrum quarry for ensuring that working personnel are not affected by silicosis. vii) The boundary area of the deposit as per the revised / updated DSR to be defined by geo coordinates based on DGPS survey superimposed on the cadastral map. viii) Construction of garland drains retaining wall and settling tank

Proceedings of SEAC meeting (Minor Mineral – Clarification received) held on 13th, 15th, 17th and 18th November 2023

J Nayak
Environmental Scientist, SEAC

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
									<p>should be ensured to prevent erosion during rainfall and to collect silt generated during the mining activity.</p> <p>(ix) Air quality monitoring shall be carried out thrice in a year. (season-wise).</p> <p>(x) As per the KML file, there has been deep excavation of morrum from the leased area of the quarry and already water storage around mining plan area. Proper barricade around the mine area should be ensured by the PP for human & animal protection.</p>
12.	SIA/O R/MIN/ 25799 1/2022	Sri Surendra Parida (Owner)	Ganjam	Brick Earth	Proposal of Environmental Clearance for Gandala Brick	27.03.2023	1. The kism of land of the proposed quarry had	The proposed land will only use for excavation of earth day for manufacturing brick.	The SEAC recommended to grant EC valid from the date of EC accorded upto the lease period with

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
		M/s. Gandala Brick Earth Quarry At - Majhisahi, Patapur, Dhobari, Dist -Ganjam, Pin-761003			Earth Quarry over an area of 0.479 acres or 0.194 ha in village Gandala under Hinjilicut Tahasil, District - Ganjam of Sri Surendra Parida - EC		been converted to Gharbari and is being put to use to commercial purpose? If land kisam is changed from agriculture to Gharbari then why not it was changed for commercial purpose if the intended use is for commercial activities. This shall be clarified.	So no further commercial activity will be proposed in this land.	specific conditions stipulated for sand mine with following additional conditions. i) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee. ii) In view of likely revision of DSR the mention of this deposit with coordinates is to be ensured. iii) The boundary area of the deposit as per the updated DSR defined by geo coordinates based on DGPS survey be superimposed on the cadastral map. iv) Plantation programme to be completed within first two years and to be maintained in remaining years. v) Conversion of kisam
							2. How affidavit represents lease agreement needs to be clarified?	The lease agreement is attached herewith.	

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
									of land (Present – Gharbari) to appropriate category before start of mining activity.
13.	SIA/O R/MIN/423234/2023	Sri Dhiraj Kumar Agrawalla (Lessee) M/s. Dhudhalmunda Stone Quarry-3 At: Green Park Residency, Block-B, Flat No-204, 2nd Floor, Ashapali Road, Near Women's Police station, Sadar-Sambalpur Dist: Sambalpur	Sambalpur	Stone	Proposal of Environmental Clearance for Dhudhalmunda Stone Quarry-3 over an area 2.55 Ac. or 1.031 Ha. in Village Dhudhalmunda under Jujomura Tahsil of Sambalpur District of Sri Dhiraj Kumar Agrawalla - EC	07 th , 08 th and 11 th September 2023	1. Exact distance of Dhudhalmunda Stone Quarry- 1 from the proposed quarry cluster supported by google map with Geocoordinates. 2. Is Dhudhalmunda Stone Quarry-1 is working quarry?	Exact distance Google map has been enclosed in Annexure – I (Distance mentioned as per google map is 700 mt and Dhudhalmunda stone Quarry -1 is non-operational) Dhudhalmunda stone Quarry -1 is non-operational quarry	The SEAC recommended to grant EC valid from the date of EC accorded up to the lease period with following additional conditions. i) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee. ii) In view of likely revision of DSR the mention of this deposit with coordinates is to be ensured iii) Plantation programme to be completed within first two years and to be maintained in remaining years. iv) Depth of Mining as

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
		Pin: 768001 Email: dudhalamun dastone3@g mail.com							<p>proposed should not be beyond 6m from the ground level.</p> <p>v) Mitigation measures for flying Rock for safety be put in place.</p> <p>vi) Stone quarry project proponent need to maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.</p> <p>vii) The boundary area of the deposit as per the revised / updated DSR to be defined by geo coordinates based on DGPS survey superimposed on the cadastral map.</p> <p>viii) Construction of garland drains retaining wall and settling tank</p>

Proceedings of SEAC meeting (Minor Mineral – Clarification received) held on 13th, 15th, 17th and 18th November 2023

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
									should be ensured to prevent erosion during rainfall and to collect silt generated during the mining activity. (ix) Air quality monitoring shall be carried out thrice in a year. (season-wise).
14.	SIA/O R/MIN/ 42887 8/2023	Sri Ranajit Sahoo (Lessee) M/s. Kharasrota River Sand Bed, Kacherigaon At- Kotabasantpur, Po-Jajpur, Dist-Jajpur Pin- 755011	Jajpur	Sand	Proposal of Environmental Clearance for Kharasrota River Sand Bed, Kacherigaon over an area of 2.0 Ac or 0.809 Ha in village Kacherigaon under Jajpur Tahasil of Jajpur District of Sri Ranajit Sahoo - EC	07 th , 08 th and 11 th September 2023	1. Mention of stone quarry R.L. at sl. 26 of Modified checklist need to be clarified. 2. Lease area has not been clearly marked in the google	Mention of stone quarry RL at sl.26 of modified checklist, it is a typographical error. The rectified copy of modified checklist has been enclosed in Annexure – I . Which has been corrected as Top and Bottom of RL of proposed river Sand Bed. Google map has been enclosed in Annexure- II .	The SEAC recommended to grant EC valid from the date of EC accorded upto the lease period with specific conditions stipulated for sand mine with following additional conditions. i) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee. ii) In view of likely revision of DSR the mention of this deposit with coordinates is to be

Proceedings of SEAC meeting (Minor Mineral – Clarification received) held on 13th, 15th, 17th and 18th November 2023

Sl No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
		Email: kacherigaonsq2023@gmail.com					map. 3. Compliance to conditions of EC granted by DEIAA required to be furnished by concerned Tahasildar.	Compliance Report of EC granted by DEIAA has been enclosed in Annexure-III.	ensured. iii) The boundary area of the deposit as per the updated DSR defined by geo coordinates based on DGPS survey be superimposed on the cadastral map. iv) Plantation programme to be completed within first two years and to be maintained in remaining years. v) The Project proponent shall follow Sustainable Sand Mining Guidelines, 2020. vi) The proponent shall provide Bio- toilet for the workers. vii) Project Proponent shall not disturb the water course during mining.
15.	SIA/O R/MIN/ 41614 6/2023	Sri Nirmal Sharma (Lessee)	Sambalpur	Stone	Proposal of Environmental Clearance for	07 th , 08 th and 11 th September 2023	The SEAC observed that in the compliance	This is to clarify that the depth of mining has been proposed to	The SEAC observed that the compliance submitted is not satisfactory.

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks. If any	Recommendation of the SEAC
						Date of meeting	Clarification		
		M/s. Babuchakuli Cluster-1,2,3 Stone Quarry At: Near Marwari Dharmasala, Rengali Dist: Sambalpur Pin: 768212 Email: nirmalsharma421973@gmail.com			Babuchakuli Cluster-1,2,3 Stone Quarry over an area of 0.89 hectare or 2.26 acres in Village Babuchakuli under Rengali Tahasil and District of Sambalpur of Sri Nirmal Sharma - EC		report, RQP has considered the average depth of excavation as 14m whereas as per OMMC,2016 rules, the depth of mining of stone should be less than or equal to 6.0m. This shall be clarified.	achieve the annual production of around 1000cum as per the MGQ. The highest and lowest contour in the lease area is 226 and 218 respectively. Hence, the surface level is considered as 118m. As per OMMCR 2016, the depth of quarry should not be more than 6m depth from the surface level. Considering the surface level maximum depth up to 212m i.e. (218 - 6 = 212) has been considered for development.	After detailed discussion the SEAC decided to take decision on the proposal after receipt of revised mining plan keeping 6meters depth of excavation as per OMMC, 2016 rules.
16.	SIA/O R/MIN/ 42295 6/2023	Sri Ramakrishna Padhy	Kandhamal	Stone	Proposal of Environmental Clearance for Dadanga	07 th , 08 th , and 11 th September 2023	Annexure I is not attached. Copy of surface plan to	Annexure - I i.e. the surface plan is attached along with the	The SEAC recommended to grant EC valid from the date of EC accorded up to

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
		(Lessee) M/s. Dadanga Stone Quarry A/Po- Jaleshpatta, Tumudibandha District- Kandhamal Pin: 762107 Email: dadangastone@gmail.com			Stone Quarry over an area of 7.847 acres or 3.176 hectares bearing Khata no. 16, Plot no. 158(A), in village Dadanga, Tahasil- Tumudibandha, District- Kandhamal of Sri Ramakrishna Padhy – EC		be submitted.	mining plan.	the lease period with following additional conditions. i) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee. ii) In view of likely revision of DSR the mention of this deposit with coordinates is to be ensured iii) Plantation programme to be completed within first two years and to be maintained in remaining years. iv) Depth of Mining as proposed should not be beyond 6m from the ground level. v) Mitigation measures for flying Rock for safety be put in place. vi) Stone quarry project proponent need to

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any.	Recommendation of the SEAC
						Date of meeting	Clarification		
									<p>maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.</p> <p>vii) The boundary area of the deposit as per the revised / updated DSR to be defined by geo coordinates based on DGPS survey superimposed on the cadastral map.</p> <p>viii) Construction of garland drains retaining wall and settling tank should be ensured to prevent erosion during rainfall and to collect silt generated during the mining activity.</p> <p>(ix) Air quality monitoring shall be</p>

Proceedings of SEAC meeting (Minor Mineral – Clarification received) held on 13th, 15th, 17th and 18th November 2023

Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
									carried out thrice in a year. (season-wise). (x) The lease period mention in present Mining Plan is from 2018-19 to 2022-23 which is going to end in this year. Therefore, approval of Revised Mining Plan as new lease period before start of mining.
17.	SIA/O R/MIN/ 44683 6/2023 Old file no. SIA/O R/MIN/ 43678 5/2023	Sri Prasanna Sahoo (Lessee) M/s. Brahmanabasa Stone Quarry NO - VI At: Nadhara, Tahabaghalunda, Dist: Dhenkanal Pin: 759019	Dhenkanal	Stone	Proposal of Environmental Clearance for Brahmanabasa Stone Quarry NO - VI , Over an area of 4.93 Acres or 1.99 hectares in village Brahmanabasa under Odapada Tahasil, District	02.08.2023	Compliance Report to Previous EC conditions as it is mentioned working mine in DSR. As the area is used by elephants for movement, so views of concerned DFO on this mining proposal. At many places	Compliance report submitted at Annexure-1. DFO Letter submitted at Annexure -2. The actual area as per	The SEAC recommended to grant EC valid from the date of EC accorded up to the lease period with following additional conditions. i) Consent / NoC shall be obtained from the concerned authority if village road is to be used for transportation. The said road shall also be maintained by the lessee. ii) In view of likely revision of DSR the

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
		Email: prsahoo157@gmail.com			Dhenkanal of Sri Prasanna Sahoo - EC		including CAF area is mentioned as 4.93 ha or 1.99 ha. It needs correction.	Mining plan is 4.93 acres or 1.99 ha. The PARIVESH system does not allow us to make changes in CAF at this stage. Therefore, we are applying afresh and the old proposal having no. SIA/OR/MIN/436785/2 023 is withdrawn.	mention of this deposit with coordinates is to be ensured iii) Plantation programme to be completed within first two years and to be maintained in remaining years. iv) Depth of Mining as proposed should not be beyond 6m from the ground level. v) Mitigation measures for flying Rock for safety be put in place.
							Revised Kml file showing both the quarries in the cluster.	KML has been revised as per your instruction.	vi) Stone quarry project proponent need to maintain periodic health check-up records of their employees and ensure use of face mask by workers in crushing and handling sections of the stone quarry for ensuring that working personnel are not affected by silicosis.
							It is mentioned that no drilling/blasting will be used. However EMP gives mitigation measures for blasting. This shall be	Both drilling will occur in this case as per the mining plan.	vii) The boundary area of the deposit as per the

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							clarified. Temporary storage of 20% waste shall be there so provision of garland drain and settling tank is required to prevent pollution of natural drains. Layout showing these measures may also be submitted.	It is wrongly mentioned 20% waste instead of 10% but in this case 10% temporally waste that will be generated and it will be used for maintenance and construction road. The Mine drainage will be channelized through small channels connects to garland drain. The proposed dumps will be well protected by retaining wall, garland drains and settling tank to prevent wash offs of dump. The settling tank will be cleaned regularly to clear the sediments deposited.	revised / updated DSR to be defined by geo coordinates based on DGPS survey superimposed on the cadastral map. viii) Construction of garland drains retaining wall and settling tank should be ensured to prevent erosion during rainfall and to collect silt generated during the mining activity. (ix) Air quality monitoring shall be carried out thrice in a year. (Season-wise).

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
								Accordingly. The EMP has been modified (EMP copy attached)	
							EMP Budget should be provided for individual mines and not as lump sum.	Revised EMP budget is attached in the EMP report.	


MEMBER SECRETARY, SEAC

Proceedings of SEAC meeting (Minor Mineral – Clarification received) held on 13th, 15th, 17th and 18th November 2023

**DECISION ON MINOR MINERAL PROPOSALS (MODIFICATION OF EC) RECEIVED
FROM SEIAA, ODISHA ON 13TH, 15TH, 17TH AND 18TH NOVEMBER 2023**

Sl. No.	Online File No.	Proposals	Summary of the proposal	Recommendations of SEAC
1.	SIA/OR/MIN/3024 40/2023	Proposal of amendment Environmental Clearance for Ramial River Sand Quarry over 14.19 acres or 5.742 hectares in Village Lokanathpur sasan under Kamakhyanagar Tahasil of Dhenkanal District of Smt. Ranjita Nanda – Mod EC	<ol style="list-style-type: none"> 1. Modification of EC as per the Replenishment Study Report 2. EC was granted vide letter no. EC22B001OR130675 dated 08.02.2022. 3. Approved Mining Plan capacity is 6847 cum/year. 4. SEIAA has permitted for 4000 cum/year for sand extraction, followed by submission of Replenishment Study Report by ORSAC. 5. Both Pre monsoon (07th June 2022) and Post Monsoon (06th January 2023) has been carried out by Drone survey method. 6. Available replenishment sand in common safe workable area of 16491m² is 5936 cum. 7. The PP has proposed for 5936 cum as per replenishment study. 	After detailed discussion, the SEAC recommended that mineable quantity may be recommended as per Replenishment quantity.

Proceedings of SEAC meetings held on 13th, 15th, 17th and 18th November 2023

J. Nayak
Environmental Scientist, SEAC

Sl. No.	Online File No.	Proposals	Summary of the proposal	Recommendations of SEAC
2.	SIA/OR/MIN/3029 78/2023	Proposal of amendment Environmental Clearance for Jayapur Sand Quarry over an area of 6.00Acre or 2.4281Ha under Bhuban Tahasil of Dhenkanal District of Sri Manoj Pothal - Mod EC	<ol style="list-style-type: none"> 1. Modification of EC as per the Replenishment Study Report 2. EC was granted vide letter no. SEIAA - 1418/02-2021 dated 05.08.2021. 3. Approved Mining Plan capacity is 10000 cum/year. 4. SEIAA has permitted for 5000 cum/year in 1st year for sand extraction, followed by submission of Replenishment Study Report. 5. Both Pre monsoon (May 2022) and Post Monsoon (Nov 2022) has been carried out by field survey (Volumetric survey Method). 6. Available mineable sand in post monsoon is 40920cum and extractable mineable is 24552cum (60% of extractable mineable reserve). Rate of Replenishment 126%. 7. The PP has proposed for same 10000 cum/year for remaining years in replenishment study report. 	<p>The SEAC observed that Replenishment Study Report is not as per guidelines. Inter-alia it does not provide -</p> <ol style="list-style-type: none"> 1. Benchmarks and GCP details. 2. Details of grids. 3. Areas of deposition and erosion for working out net area. <p>After detailed discussion, the SEAC opined that Replenishment study report submitted is not as per Sustainable Sand Mining Guidelines and lacks details. Hence, this proposal is not recommended for sand mining subject to outcome of further replenishment studies.</p>

Sl. No.	Online File No.	Proposals	Summary of the proposal	Recommendations of SEAC
3.	SIA/OR/MIN/3033 12/2023	Proposal of amendment Environmental Clearance for Bangarada Sand Bed Over an area of 12.00 acres or 4.856 hectares bearing Khata No:- 1429, Plot no:- 3842 at Bangarada, Tahasil: Aska, District: Ganjam of Sri Prava Ranjan Mishra - Mod EC	<ol style="list-style-type: none"> 1. Modification of EC as per the Replenishment Study Report 2. EC was granted vide letter no. 2998/SEIAA dated 28.09.2021. 3. Approved Mining Plan capacity is 10000 cum/year. 4. SEIAA has permitted for quarrying of sand up to 1.0m depth in 1st year followed by submission of Replenishment Study Report. 5. Both Pre monsoon (May 2022) and Post Monsoon (Nov 2022) has been carried out by Drone survey & DGPS survey. 6. Available replenishment sand is 23164cum. 	<p>The SEAC observed the following:</p> <ul style="list-style-type: none"> • It is observed that the study and DEM submitted with contour are erratic and not acceptable. • There is a contour difference of 10m. inside the river (58.5m and 48.5m.) • Water level is marked as 51.6m and sand in dry state is shown at 48.5m. RL • Post monsoon and pre monsoon level difference is shown as 0.3m whereas sand replenishment thickness is considered as 0.7m. for replenishment study. • Sand reserve depth is considered as 2m. for the entire area where as surface level variation is shown at higher side. • Replenishment study is erratic and incomplete as per the stipulation of guidelines. <p>Hence, this proposal is not recommended for sand mining subject to outcome of further replenishment studies.</p>

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Sl. No.	Online File No.	Proposals	Summary of the proposal	Recommendations of SEAC
4.	SIA/OR/MIN/3034 00/2023	Proposal of amendment Environmental Clearance for Baitarani Sand Bed, Talagaon over an area of 12.30 acres or 4.978 hectares in village Talagaon under Ghasipura Tahasil in Keonjhar District of Sri Sarat Nayak - Mod EC	<ol style="list-style-type: none"> 1. Modification of EC as per the Replenishment Study Report 2. EC was granted vide letter no. EC22B001OR162554 dated 31.03.2022. 3. Approved Mining Plan capacity is 12068 cum/year. 4. SEIAA has permitted for 10000 cum/year for sand extraction, followed by submission of Replenishment Study Report. 5. Both Pre monsoon (14th June 2022) and Post Monsoon (14th Nov 2022) has been carried out by Drone survey method. 6. Available replenishment sand in common safe workable area of 0.2860ha. is 744.89cum and replenishment in total mineable area is 6482.62cum. 7. The PP has proposed for 6482.62 cum as per replenishment study. 	<p>The SEAC observed the following:</p> <ul style="list-style-type: none"> • The study report does not include contour map of the study area for both pre and post monsoon period for comparison. • The assumed depth of reserve is 2m throughout based on which EC has been granted but the replenishment report has concluded a depth of 0.26m. • Major area comes within water bearing part of river and buffer area as per guidelines. (More than 50%) • Replenishment study is incomplete as per the stipulations of guide lines-2020. <p>Hence, this proposal is not recommended for sand mining subject to outcome of further replenishment studies.</p>

Sl. No.	Online File No.	Proposals	Summary of the proposal	Recommendations of SEAC
5.	SIA/OR/MIN/3035 68/2023	Proposal of amendment Environmental Clearance for Nihalprasad Road Metal Stone Quarry V and VI over an area of 5.25 acres or 2.125 ha at village - Nihal Prasad, Tahasil - Gondia, District - Dhenkanal of Sri Jaganbandhu Muduli - Mod EC	<ol style="list-style-type: none"> 1. This is a proposal for Amendment of EC for change/deletion of specific condition point no. 9.21. 2. EC was granted vide letter no. 1746/SEIAA dated 16.07.2021. 3. Approved Mining Plan capacity is 40000 cum/year. 4. In EC letter Point no. 9.21 mentioned in specific conditions states that: 9.21 of EC letter saying "stone crusher unit shall not be set up within 1km of the quarry site, and any crusher to be set up (beyond 1km) has to be with prior permission and after obtaining of license and consent as per law". 5. It is submitted that a stone crusher has been set up by the lessee/quarry operator within 1km radius of the quarry and same has already obtained consent to establish and consent to operate.. 6. The PP has mentioned that this condition has not imposed to any other quarry and hence imposition of condition is arbitrary and unreasonable. 	<p>The SEAC recommended the following:</p> <ol style="list-style-type: none"> a) SEAC in its meeting dated 30.06.2021 recommended Environmental Clearance for the proposal valid from the date of EC accorded upto the lease period. b) SEIAA has inserted the following condition in EC letter Point no. 9.21 "stone crusher unit shall not be set up within 1km of the quarry site, and any crusher to be set up (beyond 1km) has to be with prior permission and after obtaining of license and consent as per law". c) The reason of the following condition inserted in EC letter is not known. Hence, SEIAA may take decision on the proposal.

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Sl. No.	Online File No.	Proposals	Summary of the proposal	Recommendations of SEAC
6.	SIA/OR/MIN/3043 56/2023	Proposal of amendment Environmental Clearance for Badakharamanga (East) Devi River Sand Quarry over 12.35 acres or 4.997 hectares in Village Badakharamanga under Kantapada Tahasil of Cuttack District of Smt. Mitanjali Dash - Mod EC	<ol style="list-style-type: none"> 1. Modification of EC as per the Replenishment Study Report 2. EC was granted vide letter no. EC22B001OR178571 dated 30.06.2022. 3. Approved Mining Plan capacity is 25000 cum/year. 4. SEIAA has permitted for 10000 cum/year for sand extraction, followed by submission of Replenishment Study Report. 5. Both Pre monsoon (14th June 2022) and Post Monsoon (14th Nov 2022) has been carried out by Drone survey method. 6. Available replenishment sand in common safe workable area of 9750sqm. is 4192.5cum. 7. The PP has proposed for 4192.5cum as per replenishment study. 	<p>The SEAC decided to take decision on the proposal after receipt of the following information/documents from the concerned Tahasildar/PP:</p> <p>(i) The dates of pre monsoon and post monsoon are mismatch in replenishment study.</p> <p>(ii) Parameters considered for estimation of reserve based on the local parameter only. Based on the field visit it was observed that the deposit of sand occurs at variable thickness depending upon the RL of the lease area. In the approved mining plan, the thickness of the sand has been taken as the 2.0Km. As far as thickness of sand deposit is concerned, during field visit it was found that the lease area is fully covered with sand. There is no clarity regarding thickness of sand deposit.</p> <p>(iii) As per the Tahasildar Kantapada, Lease Agreement has not been conducted due to non-finalization of Successful bidder. Whereas the application is in name of Smt. Mitanjali Dash. This shall be clarified.</p>

Sl. No.	Online File No.	Proposals	Summary of the proposal	Recommendations of SEAC
			1.	(iv) Consent to Establish/ Consent to Operate: Due to non-finalization of Successful bidder the Consent to Establish/ Consent to Operate is not obtained.
7.	SIA/OR/MIN/3034 82/2023	Proposal of amendment Environmental Clearance for Anjira Black Stone Quarry No 14 over an area of 2.023 Hectare or 5.00 Acres in Village Anjira under Dharmasala Tahasil and Jajpur district of Sri Deepinder Singh Malhotra - Corrigendum EC	2. This is a proposal for Amendment of EC for change in date of Mining Plan approval in EC Letter. 3. EC was granted vide letter no. EC23B001OR167343 dated 17.05.2023. 4. In EC letter Point no. 3(xiv) mentioned date of approval to be 24.02.2023 which is typing error. The actual date of approval is 22.04.2022. 5. The PP has requested to correction in the EC letter.	The SEAC recommended for correction in EC letter as per the modified mining plan.

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Sl. No.	Online File No.	Proposals	Summary of the proposal	Recommendations of SEAC
8.	SIA/OR/MIN/3043 93/2023	Proposal of amendment Environmental Clearance for Mangalpur Sand Quarry in village Mangalpur over area of 12.00 acres or 4.856 hectares under Aska Tahasil of Ganjam District of Sri. Abhimanyu Nahak - Mod EC	<ol style="list-style-type: none"> 1. Modification of EC as per the Replenishment Study Report 2. EC was granted vide letter no. 2741/SEIAA dated 22.09.2021. 3. Approved Mining Plan capacity is 5000 cum/year. 4. SEIAA has permitted for quarrying of sand up to 0.5m depth in 1st year followed by submission of Replenishment Study Report. 5. Both Pre monsoon (May 2022) and Post Monsoon (Nov 2022) has been carried out by Drone survey (Volumetric survey Method). 6. Available replenishment sand is 27805cum. 	After detailed discussion, the SEAC recommended that mineable quantity may be allowed as per approved capacity in mining plan i.e. 5000 cum/year as there is sufficient amount of replenishment sand.

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Sl. No.	Online File No.	Proposals	Summary of the proposal	Recommendations of SEAC
9.	SIA/OR/MIN/3061 04/2023	Proposal of amendment Environmental Clearance for Salaba River Bed Baitarani River over an area of 12.00 acres or 4.86 ha. At village Salaba, under Vyasaganagar Tahasil, District Jajpur, odisha of Sri Rajakishore Mishra - Mod EC	<ol style="list-style-type: none"> 1. Modification of EC as per the Replenishment Study Report 2. Amendment of EC was granted vide letter no. 4941/SEIAA dated 26.07.2022. 3. SEIAA has permitted for 6000cum with maximum depth of 0.75m followed by submission of Replenishment Study Report by Nov 2023. 4. Both Pre monsoon (23.12. 2022) and Post Monsoon (20.07.2023) has been carried out by Drone survey (Volumetric survey Method). 5. Available replenishment sand is 6235cum. 6. The PP has proposed for 6235cum for remaining years as per replenishment study. 	After detailed discussion, the SEAC recommended that in the replenishment study report, the Pre monsoon (23.12.2022) and Post Monsoon (20.07.2023) dates are not acceptable. SEIAA may take appropriate action as the conditions laid down in EC at para 7.1 is not complied.

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Sl. No.	Online File No.	Proposals	Summary of the proposal	Recommendations of SEAC
10.	SIA/OR/MIN/3062 44/2023	Proposal of amendment Environmental Clearance for Kathajodi River Sand Bed Bidyadharpur over an area of 12.20 acres or 4.937 hectares in Village Bidyadharpur under Barang Tahasil in Cuttack District Odisha of Sri Ranjan Kumar Pattanaik - Mod EC	<ol style="list-style-type: none"> 1. Modification of EC as per the Replenishment Study Report 2. EC was granted vide letter no. EC22B001OR118291 dated 22.08.2022 in favour of Tahasildar Barang and subsequently transferred in favour of PP vide SEIAA letter no. 293847 dt 22.11.2022. 3. Approved Mining Plan capacity is 110000 cum/year. 4. SEIAA has permitted for quarrying of sand 11200cum up to 1.12m depth in 1st year followed by submission of Replenishment Study Report. 5. Both Pre monsoon (21.06.2023) and Post Monsoon (28.10.2023) has been carried out by Drone survey (Volumetric survey Method). 6. Available replenishment sand in common safe workable area of 16263sqm. is 11547cum. 7. The PP has proposed for 11547cum as per replenishment study. 	<p>The SEAC observed the following:</p> <p>(i)The drone photograph of pre-monsoon study reveals that sand mining has been done beyond the lease area which is a violation to EC. Appropriate penal action may be taken by competent authority.</p> <p>(ii)The Modified EC as applied for 11547 cum for 2nd year may be given subject to recovery of penalty.</p>

Sl. No.	Online File No.	Proposals	Summary of the proposal	Recommendations of SEAC
11.	SIA/OR/MIN/3052 15/2023	Proposal of amendment Environmental Clearance for Sidua River Sand Quarry in Village Kadampada over an area of 12.50 acres or 5.06 Hects. under Cuttack sadar Tahasil of Cuttack District of Sri Bidyadhar Patra - Mod EC	<ol style="list-style-type: none"> 1. Modification of EC as per the Replenishment Study Report 2. EC was granted vide letter no. 6181/SEIAA dated 01.11.2018. 3. Approved Mining Plan capacity is 26970 cum/year. 4. SEIAA has permitted for quarrying of sand 26970cum in 1st year followed by submission of Replenishment Study Report. 5. Both Pre monsoon (07.06.2023) and Post Monsoon (13.09.2023) has been carried out by Drone survey (Volumetric survey Method). 6. Available replenishment sand in common safe workable area of 33415sqm. is 33815.98cum. 	After detailed discussion, the SEAC recommended that mineable quantity may be allowed as per approved capacity in mining plan i.e. 26970 cum/year as there is sufficient amount of replenishment sand subject to submission of Compliance report on EDS raised by SEIAA.

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Sl. No.	Online File No.	Proposals	Summary of the proposal	Recommendations of SEAC
12.	SIA/OR/MIN/3006 85/2023	Proposal of amendment Environmental Clearance for Kathajodi River Sand Quarry Unit 37 Badambadi over an area 5.06 OR 12.50 acres in village Unit 37 Badambadi under Cuttack sadar Tahasil Cuttack District of Sri Prafulla Kumar Sahoo - Mod EC	<ol style="list-style-type: none"> 1. Modification of EC as per the Replenishment Study Report 2. EC was granted vide letter no. EC22B001OR137696 dated 07.06.2022. 3. Approved Mining Plan capacity is 45000 cum/year. 4. SEIAA has permitted for quarrying of sand 15000cum in 1st year followed by submission of Replenishment Study Report. 5. Both Pre monsoon (19th May 2022) and Post Monsoon (17th Nov 2022) has been carried out by Total Station survey. 6. Available replenishment sand in mineable area of 45400sqm. is 40860cum. 	<p>The SEAC observed that the total replenished estimated volume of sand deposited in the riverbed of the ML area to be 40860 Cum. (Average of 0.9 meter of sand deposit) The estimated extractable volume of sand using cross sectional method is reported to be 26500 Cum that is 60% of the total estimated replenished volume of 40860 Cum. Accordingly the report has recommended an annual production of 24000 Cum sand by mining the river bed.</p> <p>Hence, SEAC recommended the mineable quantity as per the replenishment study report.</p>

Sl. No.	Online File No.	Proposals	Summary of the proposal	Recommendations of SEAC
13.	SIA/OR/MIN/3011 69/2023	Proposal of amendment Environmental Clearance for Brahma pur Sand Bed Mines on river Kathajodi over an area 5.26 or 13.00 acres in Village Brahma pur under Cuttack Sadar Tahasil Cuttack District of Sri Ravi Singh - Mod EC	<ol style="list-style-type: none"> 1. Modification of EC as per the Replenishment Study Report 2. EC was granted vide letter no. EC22B001OR173835 dated 03.06.2022. 3. Approved Mining Plan capacity is 7000cum (max.)/year. 4. SEIAA has permitted for quarrying of sand 3200cum in 1st year followed by submission of Replenishment Study Report. 5. Both Pre monsoon (22nd May 2022) and Post Monsoon (22nd Nov 2022) has been carried out by Total Station survey. 6. Available replenishment sand in mineable area of 28000sqm. is 3640cum. 	After detailed discussion, the SEAC recommended that mineable quantity may be allowed based on replenishment study report as there is sufficient amount of replenishment sand.


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TABLE

**DECISION ON MODIFICATION OF ENVIRONMENTAL CLEARANCE PROJECTS (CLARIFICATION RECEIVED)
ON 13TH, 15TH, 17TH AND 18TH NOVEMBER 2023**

Sl No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks, if any	Recommendation of the SEAC
						Date of meeting	Clarification		
1.	SIA/O R/MIN/ 29835 2/2023	Sri Narayan Biswal (Lessee) M/s. Sidhamala Sand Quarry At/Po- Brahmanigaon, Ps-Baranga Pin – 754005 Email: narayanbiswale c1@gmail.com	Nayagarh	Sand	Proposal of amendment Environmental Clearance for Sidhamala Sand Quarry over an area of 12.10Acre or 4.896 Ha under Khandapada Tahasil of Nayagarh District of Sri Narayan Biswal – Mod EC	02nd, 03rd, 04th and 05th August 2023	<p>I. KML file, approved Mining plan and compliance report to previous EC conditions.</p> <p>II. Replenishment study has not been done by NABET accredited authorized agent, and the report is done by RQP. This shall be clarified.</p> <p>III. Rate of replenishment of</p>	<p>Kml file submitted</p> <p>As per the guideline, the pre-monsoon and the post-monsoon data has been taken and now it is not possible to engage a new consultant for the annual rate of replenishment study. For the upcoming years NABET accredited authorized agent will be engaged.</p> <p>Rate of replenishment of</p>	The SEAC recommended that, in view of the compliance submitted by Tahasildar, the proposal for transfer of EC may be recommended to SEIAA for five years with effect from 18.07.2022.

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							sand calculated to be 115% needs to be rechecked.	sand calculated to be 95%	
2.	SIA/O R/MIN/30074 0/2023	Sri Sachin Kumar Sahoo (Lessee) M/s. Bhatimunda Sand Quarry At-Naranpur, Po/Ps-Baranga, Dist-Cuttack Pin: 754005 Email: sahoosachin2022@gmail.com	Cuttack	Sand	Proposal for amendment of Environmental Clearance for Bhatimunda Sand Quarry over an area of 4.993 hectares under Tangi Choudwar Tahasil of Cuttack District of Sri Sachin Kumar Sahoo - Mod EC	07 th , 08 th and 11 th September 2023	Photographs of the ML site with date and time stamp of pre and post monsoon survey days have not been given.	Photographs of Mining lease is attached.	After detailed discussion, the SEAC recommended that mineable quantity may be recommended as per Replenishment quantity.
3.	SIA/O R/MIN/30313 2/2023	Proposal of amendment Environmental Clearance for Kainsari Sand	Mayurbhanj	Sand	Proposal of amendment Environmental Clearance for	07 th , 08 th and 11 th September 2023	The SEAC observations are: i) Pre and post monsoon study	Previously the replenishment study of Pre-monsoon survey was carried out on 09.06.2022 &	The SEAC observed the following: (i) In the Replenishment Study

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Sl. No.	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
		Bed over an area of 12.35 acres or 4.99 hectares in village Kainsari under Udala Tahasil in Mayurbhanj District of Sri Surendra Parichha - Mod EC			Kainsari Sand Bed over an area of 12.35 acres or 4.99 hectares in village Kainsari under Udala Tahasil in Mayurbhanj District of Sri Surendra Parichha - Mod EC		<p>dates are stated to be 09.06.2022 and 03.05.2022 which is not admissible.</p> <p>ii) A part of lease area comes under concave portion of river. Actual minable area needs to be calculated by deducting mining from concave zones. Thumb rule</p>	<p>Post-monsoon was on 15.11.2023. Comparing the post monsoon data with respect to pre monsoon data, it was found erosion, due to water logged in most of lease area. Hence, again a post monsoon survey has been carried out on 03.05.2023 and the data are compared with the Pre-monsoon survey, which was carried out on 09.06.2022. Typical error has been corrected.</p> <p>Out of 4.99 ha of lease area, about 1.8 ha is coming under concave zone.</p> <ul style="list-style-type: none"> • Deducting the same, the lease area will be 3.19 ha. • As per EMGSM' 2020, the area for removal of minerals shall not 	<p>Report, the dates mentioned in the compliance letter are confusing. In the report it is mentioned that post-monsoon study was carried out on 15.11.2022 whereas in the letter it is written as 15.11.2023. Again it is mentioned in the letter that that further study was carried out on 03.05.2023. There is no clarity regarding date of survey of post monsoon study. The clarification and replenishment study report submitted finds error in dates which is not acceptable.</p> <p>Hence, this proposal is not recommended for sand mining subject to</p>

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							<p>provision of workable mining area @ 60% of total area as considered requires to be re-calculated based on actual site condition.</p>	<p>exceed 60% of the mine lease area.</p> <ul style="list-style-type: none"> Hence, max. Safe workable area = $3.19 \times 0.6 = 1.914$ ha Considering a common safe workable area of 0.1814 ha, it is observed that replenishment of 296.59 m³ has been done. So, Replenishment of sand per ha = $296.59 / 0.1814 = 1635$ m³ Estimated sand replenishment in safe mineable area = $1635.0 \times 1.914 = 3129.4$ m³ <p>Accordingly rectified in the report.</p>	outcome of further replenishment studies.
							<p>iii) At sl 4.2 of the report two different figures have been mentioned for pre-monsoon study</p>	<p>This is a typographical error. Two different figures have been mentioned for pre-monsoon survey & post</p>	

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Sl. No	SEIAA File No.	Name & Address of the proponent	District	Type of Mineral	Name of the project	Clarification sought by the SEAC		Whether compliance furnished by the Tahasildar (Yes / No) With Remarks if any	Recommendation of the SEAC
						Date of meeting	Clarification		
							which needs clarification. This shall be clarified.	monsoon survey. However, in the report it was written pre-monsoon survey for both the survey.	


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