

# **ENVIRONMENT CLEARANCE**

## **COMPLIANCE REPORT**

**October 2024- March 2025**

*For*

### **GRANITE BUILDING STONE QUARRY**

**(Minor Mineral)**

**Extent: 9.7128 Ha.**

*At*

Re.Sy No. : 946/2

Village : Chittar

Taluk : Konni

District : Pathanamthitta

State : Kerala

**'Granite Building Stone Quarry Project of  
M/s. Delta Aggregates & Sand Pvt.Ltd'**

**Environment Clearance No.19/2019**

**Dated 15/05/2019**



# DELTA AGGREGATES AND SAND PRIVATE LIMITED

NO.423 E,CHITTAR.P.O, PATHANAMTHITTA- 689663, KERALA  
Mob: 9946109714, 9946109712 , Email: deltaaggregatesandsand@gmail.com  
CIN No. U14100KL2008PTC022221

To,

Date: 08.07.2025

The Deputy Director of Forests (C) MoEF

Integrated Regional Office Kendriya Sadan,  
Koramangala 4<sup>th</sup> Floor, E&F Wings,  
17<sup>th</sup> Main Road, Koramangala, II Block, Bangalore - 560034

Respected Sir,

Sub: Environmental Clearance Compliance Report for the period October 2024 - March 2025 pertaining to 'Granite Building Stone Quarry of M/s. Delta aggregates and Sands Pvt Ltd'.

**Ref: Environmental Clearance No: 19/2019 dated: 15/05/2019.**

As per the conditions stipulated in the above-referred Environmental Clearance (EC), please find enclosed the compliance report for the period October 2024 to March 2025 for the Granite Building Stone Quarry Project of M/s. Delta Aggregates & Sand Pvt.Ltd', granted by the Ministry of Environment & Forests under the Environment (Protection) Act, 1986.Relevant annexures supporting the compliance report are also enclosed herewith for your kind perusal and record. We trust that the attached status report will be found in order.

Thanking you.

Yours sincerely,

For 'Granite Building Stone Quarry Project of M/s. Delta Aggregates and Sands Pvt Ltd'



Thomas Philip,  
Managing Director.

Encl: as above

Cc: The Member Secretary

State Environment Impact Assessment Authority (SEIAA)  
Directorate Of Environment and Climate Change,  
4<sup>TH</sup> Floor, KSRTC Bus Terminal,  
Thambanoor, Kerala-01

## **Introduction**

M/s Delta Aggregates & Sands Private Limited, No 423Em, Chittar P.O Pathanamthitta, kerala – 689 663 has been granted for a mining lease to quarry Granite Building Stone over an area of 9.7128 Ha in Sy. Nos. 946/2 pt in Chittar Village, Konni Taluk, Pathanamthitta District, Kerala State.

The Environmental clearance is also obtained for this mining lease vide environmental clearance no 19/2019, Dated: 15.05.2019.

*Compliance Report for the period of October 2024 – March 2025*

*Granite Building Stone Quarry Project of M/s Delta Aggregates & Sands Private Limited*

**Description of the project**

File No.	239/SEIAA/KL/969/2014
Name of the project	M/s Delta Aggregates & Sands Private Limited
District and state	Pathanamthitta, Kerala
Taluk / Mandal	Konni
Category & Schedule	B2 & Schedule 1(a)
Khasara No. / Plot No. / Block / Gate No. etc.,	Sy. Nos. 946/2
Extent of Area	9.7128 Ha
Ownership/ Occupancy	Private Own Land
Existence of public road/railway line, if any, nearby and approximate distance Nearest Port / Airport	Nearest airport – Trivandrum (124.0 km)
Address of Registered office	Mr. Thomas Philip Managing Director, M/s Delta Aggregates & Sands Private Limited , Chittar – Post, Konni Taluk, Pathanamthitta – 689 663

Compliance for the Site-specific conditions & General conditions for the EC granted mining project of ‘Granite Building Stone Quarry of M/s Delta Aggregates & Sands Private Limited, Chittar vide E. C. File No: 239/SEIAA/KL/969/2014, Dated: 15.05.2019 is done and details are mentioned below.

*Compliance Report for the period of October 2024 – March 2025*

*Granite Building Stone Quarry Project of M/s Delta Aggregates & Sands Private Limited*

**SPECIFIC CONDITIONS:**

<b>Sl. No</b>	<b>Condition</b>	<b>Status of Compliance</b>
1	The Corporate Environmental Responsibilities to be carried out as per OM F.No.22-65/2017-IA-III dt.01.05.2018 in consultation with the District collector.	Agreed.
2	Half yearly compliance report shall be submitted to SEIAA and there shall be site inspection by SEAC at regular intervals so that EC conditions are complied with and mining shall be carried out as per the Rules & Regulations of KMMCR 2015	Agreed.

Compliance Report for the period of October 2024 – March 2025

Granite Building Stone Quarry Project of M/s Delta Aggregates & Sands Private Limited

**GENERAL CONDITIONS**

<b>Sl. No</b>	<b>Conditions</b>	<b>Status of compliance</b>
1	A separate environmental management and monitoring cell with qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.	A separate Environmental Management and Monitoring Cell with qualified personnel has been established, and regular meetings are being conducted. Minutes of EMC meeting is attached as <b>Annexure 16.</b>
2	Suitable avenue trees should be planted along either side of the tarred road and open parking areas, if any, including of approach road and internal roads.	Suitable avenue trees have been planted along both sides of the tarred road, approach road, and internal roads, including open parking areas, to enhance greenery and reduce dust. Photographs of avenue plantations and afforestation sites are enclosed as <b>Annexure 2.</b> Tree sapling purchase receipt is also attached as <b>Annexure 2.</b>
3	Sprinklers shall be installed and used in the project site to contain dust emissions.	Water tankers equipped with sprinklers are being used at the project site to control dust emissions. Photographs are attached as <b>Annexure 3.</b>
4	Eco-restoration including the mine closure plan shall be done at the own cost of the project proponent.	Agreed.
5.	In view of the deep pits left after the excavation, stacking at maximum top level should be carried out.	Agreed.

Compliance Report for the period of October 2024 – March 2025

Granite Building Stone Quarry Project of M/s Delta Aggregates & Sands Private Limited

6	Corporate Environment Responsibility agreed upon by the proponent should be implemented.	Noted.
7	The project proponent shall comply the conditions stipulated by the statutory authorities concerned.	Agreed.
8	Tarring /multiple options on the access roads shall be undertaken so as to reduce dust pollution during movement of vehicle.	Tarring, along with regular water suppression measures, has been undertaken on the access roads to reduce dust pollution during vehicle movement. Photo of access road is attached as <b>Annexure 4</b>
9	Overburden materials should be managed within the site and used for reclamation of mine pit as per mine closure plan / specific conditions.	Overburden materials are being managed within the site and utilized for reclamation of the mine pit in accordance with the mine closure plan and specific conditions.
10	Height of benches should not exceed 5 m, and width should not be less than 5 m, if there is no mention in the mining plan/specific condition.	Benches are being properly maintained as per the specified guidelines in the mining plan and conditions.
11	Ground level should be fixed in individual cases separately	Noted.
12	No mining operations should be carried out at places having a slope greater than 45.	Agreed.

Compliance Report for the period of October 2024 – March 2025

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13	Acoustic enclosures should have been provided to reduce sound amplifications in addition to the provisions of green belt and hollow brick envelop for crushers so that the noise level is kept within prescribed standards given by CPCB/KSPCB. This condition is applicable only in such cases if a crusher is adjacent to the quarry.	Acoustic enclosures have been provided to reduce sound amplification, in addition to the green belt and hollow brick envelope for crushers, ensuring that noise levels remain within the prescribed standards set by CPCB/KSPCB. Also, noise levels are regularly monitored to ensure compliance. Noise monitoring photo is attached as <b>Annexure 5</b> . Monitoring report is attached as <b>Annexure 10</b> .
14	The workers on the site should be provided with the required protective equipment such as ear muffs, helmet, etc.	The workers on the site are provided with the required protective equipment, including ear muffs, helmets, and other necessary safety gear.
15	Garland drains with clarifiers to be provided in the lower slopes around the core area to channelize storm water.	Garland drains with clarifiers have been provided along the lower slopes around the core area to effectively channelize stormwater.
16	The transportation of minerals should be done in covered trucks to contain dust emissions. The proponent should plant trees at least 5 times of the loss that has been occurred while clearing the land for the project. SEAC should assess the number of trees in each project site before the issuance of EC so as to ensure the promptness in planting.	Minerals are transported in covered trucks to contain dust emissions. Photos of covered trucks are attached as <b>Annexure 6</b> . Plantation has been initiated to plant trees at least five times the number lost during land clearing for the project. Photos of plantation are attached as <b>Annexure 2</b> .

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17	Explosives should be stored in magazines in isolated place specified and approved by the Explosives Department.	Explosives are stored in magazines at an isolated location, as specified and approved by the Explosives Department. Photos of magazine are attached as <b>Annexure 14</b> . Copy of magazine license is attached as <b>Annexure 7</b> .
18	A minimum buffer distance of 100m from the boundary of the quarry to the nearest dwelling unit or other structures, not being any facility for mining shall be provided.	A minimum buffer distance of 100 meters from the boundary of the quarry to the nearest dwelling unit or other structures, excluding mining facilities, has been provided.
19	50 m buffer distance should be maintained from forest boundaries.	Agreed.
20	Consent from Kerala State Pollution Control Board under Water and Air Act(s) should be obtained before initiating mining activity.	Consent from the Kerala State Pollution Control Board under the Water and Air Act(s) has been obtained before initiating mining activities. Copy of Consent from the Kerala State Pollution Control Board is attached as <b>Annexure 8</b> .
21	All other statutory clearances should be obtained, as applicable, by project proponents from the respective competent authorities including that for blasting and storage of explosives.	All other statutory clearances, including those for blasting and storage of explosives, have been obtained from the respective competent authorities as applicable. Copy of Magazine license is attached as <b>Annexure 7</b> . Copy of Consent from the Kerala State Pollution Control Board is attached as <b>Annexure 8</b> . Copy of Panchayat license is attached as <b>Annexure 9</b> .

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22	In the case of any change(s) in the scope of the project, extent quantity, process of mining technology involved or in any way affecting the environmental parameters/impacts as assessed, based on which only the E.C is issued, the project would require a fresh appraisal by this Authority, for which the proponent shall apply and get the approval of this Authority.	In the case of any changes, a fresh appraisal will be undertaken, and approval will be sought from the Authority.
23	The Authority reserves the right to add additional safeguard measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environment (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner	Agreed.
24	The stipulations by Statutory Authorities under different Acts and Notifications should be complied with, including the provisions of Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and control of Pollution) act 1981, the Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and EIA Notification, 2006.	Noted.

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25	The project proponent should advertise in at least two local newspapers widely circulated in the region, one of which (both the advertisement and the newspaper) shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Environment Impact Assessment Authority (SEIAA) office and may also be seen on the website of the Authority at <a href="http://www.seiaakerala.org">www.seiaakerala.org</a> . The advertisement should be made within 10 days from the date of receipt of the Clearance letter and a copy of the same signed in all pages should be forwarded to the office of this Authority as confirmation.	The advertisement has been published in two local newspapers widely circulated in the region. The copy advertisements are attached as <b>Annexure 15</b> .
26	The Environmental Clearance shall be put on the website of the company by the proponent.	Noted.
27	Proponent shall submit half yearly reports in soft copy and SEIAA will upload it on the website.	Agreed.

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28	The details of Environmental Clearance should be prominently displayed in a metallic board of 3 ft x 3 ft with green background and yellow letters of Times New Roman font of size of not less than 40. Sign board with extent of lease area and boundaries shall be depicted at the entrance of the quarry, visible to the public	Details of the Environmental Clearance have been prominently displayed on a signboard Photo of EC board is attached as <b>Annexure 11.</b> Appropriate signboards and warning boards have been erected at relevant locations within the lease area. Photo of Sign boards are attached as <b>Annexure 13.</b>  Additionally, the lease area has been fenced with barbed wires, and boundary pillars have been erected. Photo of fencing and boundary pillar is attached as <b>Annexure 12.</b>
29	The proponent should provide notarized affidavit (indicating the number and date of Environmental Clearance proceedings) that all the conditions stipulated in the EC shall be scrupulously followed.	Complied.
30	No change in mining technology and scope of working should be made without prior approval of the SEIAA, No further expansion or modifications in the mine shall be carried out without prior approval of the SEIAA, as applicable.	Agreed.
31	The Project proponent shall ensure that no natural water course and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.	No natural watercourses or water resources are obstructed due to mining operations. Necessary safeguard measures will be taken to protect any first-order streams, if any, originating from the mine lease area in the future.

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32	<p>The top soil, if any, shall temporarily be stored at earmarked site(s) only for the topsoil shall be used for land reclamation and plantation. The over burden (OB) generated during the mining operations shall be stacked at earmarked dump site(s) only. The maximum height of the dumps shall not exceed 8m and width 20m and overall slope of the dumps shall be maintained to 45% The OB dumps should be scientifically vegetated with suitable native species to prevent erosion and surface run off. In critical areas, use of geo textiles shall be undertaken for stabilization of the dump. The entire excavated area shall be backfilled. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining.</p>	<p>The topsoil and overburden are temporarily stored at earmarked sites and will be used for land reclamation and plantation purposes.</p>
33	<p>Catch drains and siltation ponds of appropriate size shall be constructed around the mine working, mineral and OB dumps to prevent run off of water and flow of sediments directly into the river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains shall be regularly desilted particularly after monsoon and maintained properly.</p>	<p>Catch drains and siltation ponds of appropriate size have been constructed around the mine workings, mineral, and OB dumps to prevent runoff and sediment flow into nearby water bodies. The collected water is utilized for watering the mine area, roads, and green belt development. The drains are regularly desilted, especially after the monsoon, and are properly maintained. Photo of silt settling tank is attached as <b>Annexure 01.</b></p>
34	<p>Effective safeguard measures such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of PM10 and PMs such as haul Road, loading and unloading points and transfer points it shall be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.</p>	<p>Water sprinkling is being carried out regularly using a water tanker to control dust and ensure effective safeguard measures. Ambient Air Quality is regularly monitored, and the monitoring report is attached as <b>Annexure 5.</b> Monitoring report is attached as <b>Annexure 10.</b></p>

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35	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained	Water sprinkling is regularly done on haul roads, loading and unloading points, and transfer points to control fugitive dust emissions. Photos of the sprinkling are attached as <b>Annexure 3</b> .
36	Measures should be taken for control of noise levels below 85 dBA in the work environment.	Noise control measures are implemented through controlled blasting techniques, along with the use of sharp drilling bits and the delivery of compressed air at optimal pressure. Additionally, regular maintenance of compressors, drilling machines, jackhammers, and tipper trucks is carried out to minimize noise. Also, noise levels are regularly monitored to ensure compliance. Noise monitoring photo is attached as <b>Annexure 5</b> . Monitoring report is attached as <b>Annexure 10</b> .
37	The funds earmarked for environmental protection measures and CER activate should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the State Environment Impact Assessment Authority (SEIAA) office.	Noted.
38	The Regional Office of MOEF & CC located at Bangalore shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (S) of the Regional Office by furnishing the requisite data/information/monitoring reports.	Agreed.

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39	Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.
40	Concealing the factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted.
41	The SEIAA may revoke or suspend the order, for non implementation of any of the specific or this implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Agreed.
42	The above conditions shall prevail notwithstanding anything to the contrary, in consistent, or simplified, contained in any other permit, license on consent given by any other authority for the same project,	Agreed.
43	The Environmental Clearance will be subject to the final order of the courts in any pending litigation related to the land or project, in any court of law.	Noted.
44	The mining operation shall be restricted to above ground water table and it should not intersect ground water table.	The mining operation is being carried out as per the approved mining plan, ensuring that the operations remain above the ground water table and do not intersect it.

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45	All vehicles used for transportation and within the mines shall have "PUC certificate from authorized pollution taking centre. Washing of all vehicles shall be inside the lease area'	All vehicles used for transportation and within the mine have a valid PUC certificate from an authorized pollution control center. Washing of all vehicles is carried out inside the lease area.
46	Project proponent should obtain necessary prior permission of the competent authorities for drawal of requisite quantity of surface water and ground water for the project.	Noted.
47	Regular monitoring of flow rates and water quality upstream and downstream of the springs and perennial nallahs flowing in and around the mine lease area shall be carried out and reported in the six monthly reports to SEIAA.	Noted. Water quality monitoring report is attached as <b>Annexure 10</b> .
48	Occupational health surveillance program of the workers should be under taken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Noted.

For 'Granite Building Stone Quarry project of M/s Delta Aggregates & Sands Private Limited

Thomas Philip  
(Managing Director)

## SILT SETTLING TANK



GPS Map  
Camera Lite

8WMV+FFX, Vayyattupuzha, Kerala 689663, India

Latitude

9° 20' 0.21761" N

Longitude

76° 56' 33.79189" E

Local 11:36:52 AM

GMT 06:06:52 AM

Altitude 89 meters

Thursday, 20.03.2025

## AVENUE TREES & COMPENSATORY AFFORESTATION



8WMV+FFX, Vayyattupuzha, Kerala 689663, India

Latitude 9° 20' 1.34711" N Longitude 76° 56' 33.37944" E  
Local 11:42:00 AM Altitude 89 meters  
GMT 06:12:00 AM Thursday, 20.03.2025



8WMV+FFX, Vayyattupuzha, Kerala 689663, India

Latitude 9° 19' 57.52636" N Longitude 76° 56' 30.03925" E  
Local 11:45:59 AM Altitude 89 meters  
GMT 06:15:59 AM Thursday, 20.03.2025



8WMV+FFX, Vayyattupuzha, Kerala 689663, India

Latitude 9° 19' 53.94169" N Longitude 76° 56' 28.05234" E  
Local 11:48:46 AM Altitude 89 meters  
GMT 06:18:46 AM Thursday, 20.03.2025



8WMV+FFX, Vayyattupuzha, Kerala 689663, India

Latitude 9° 19' 54.3635" N Longitude 76° 56' 28.19623" E  
Local 11:48:15 AM Altitude 89 meters  
GMT 06:18:15 AM Thursday, 20.03.2025



# PANACHICKAL RUBBER NURSERY AND GARDENS

ISO 9001-2008 Certified Nursery

CHELLACKAD P.O., MADATHUMPADI, RANNI, PATHANAMTHITTA - 689677

Phone : 9447668087, 9947405050

MUNDAKKAYAM Ph : 9447087204

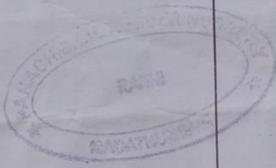
Date 14/03/2025

No. 4634

*Booked*

To *Delta Aggregates and Sand Pvt Ltd Site @ Chittar*

Rate	Particulars	Qty	Amount
	<i>1st Malavap</i>	<i>2500</i>	<i>45000</i>
<b>TOTAL</b>			<i>45000</i>



Rupees.....

*[Signature]*  
Manager

Plant Nursery receipt

## WATER SPRINKLING



 **GPS Map**  
**Camera Lite**

8WMV+FFX, Vayyattupuzha, Kerala 689663, India

Latitude  
9° 20' 0.19986" N

Longitude  
76° 56' 33.05515" E

Local 11:38:25 AM  
GMT 06:08:25 AM

Altitude 89 meters  
Thursday, 20.03.2025

## ACCESS ROAD



8WMV+FFX, Vayyattupuzha, Kerala 689663, India

Latitude  
9° 20' 3.15132" N

Longitude  
76° 56' 38.10332" E

Local 12:36:58 PM  
GMT 07:06:58 AM

Altitude 89 meters  
Thursday, 20.03.2025

MONITORING PHOTOS



## COVERED TRUCKS



## MAGAZINE LICENSE

## अनुज्ञप्ति प्रारूप एल.ई.-3 | LICENCE FORM LE-3

(विस्फोटक निपट, 2008 की अनुसूची 4 के भाग 1 के अनुच्छेद 3(क) से (घ) देखिए।)  
(See article 3(a) to (d) of Part I of Schedule IV of Explosives Rules, 2008)(ग) उपयोग के लिए एक समय पर वर्ग 1, 2, 3, 4, 5 या वर्ग 7 के विस्फोटक या किसी मीगजीन में वर्ग 6 के विस्फोटक रखने के लिए अनुज्ञप्ति  
Licence to possess : (c) for use, explosives of class 1, 2, 3, 4, 5, 6 or 7 in a magazine

अनुज्ञप्ति सं. (Licence No.): E/SC/KL/22/1772(E31371)

वार्षिक फीस रुपए (Annual Fee Rs): 2400/-

1. Licence is hereby granted to

Sri. Thomas Philip, M/s. Delta Aggregates and Sand Pvt. Ltd (अधिभोगी / Occupier : Thomas Philip), Chittar P.O. Pathanamthitta, Town/Village - Seethathodu, District-PATHANAMTHITTA, State-Kerala, Pincode - 689663



को अनुज्ञप्ति अनुदत्त की जाती है।

2. अनुज्ञप्तिधारी की प्रास्थिति | Status of licensee : Company

3. अनुज्ञप्ति निम्नलिखित प्रयोजनों के लिए विधिमाम्य है।

: possess for use of Nitrate Mixture, Safety Fuse, Detonators, - के  
उपयोग के लिए

4. अनुज्ञप्ति विस्फोटकों के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिमाम्य है।

Licence is valid for the following kinds and quantity of explosives: -- (क) (a)

क्र. सं. Sr. No.	नाम और विवरण Name and Description	वर्ग और प्रभाग Class & Division	उप-प्रभाग Sub-division	मात्रा किसी एक समय में Quantity at any one time
1.	Nitrate Mixture	2, 0	0	150 Kg.
2.	Safety Fuse	6, 1	0	3000 Mtrs
3.	Detonators	6, 3	0	5000 Nos.

(ख) किसी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा [अनुच्छेद 3(ख) और (ग) के अधीन अनुज्ञप्ति के लिए]

(b) Quantity of explosives to be purchased in a calendar month [applicable for licence under article 3(b) and (c)]:

20 times  
as above.

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुज्ञप्त परिसर की पुष्टि होती है।

The licensed premises shall conform to the following drawing(s):

रेखाचित्र क्र. (Drawing No.) E/SC/KL/22/1772(E31371)

दिनांक (Dated) 06/11/2023

6. अनुज्ञप्ति परिसर निम्नलिखित पते पर स्थित है। The licensed premises are situated at following address:

Survey No. 946/2, ग्राम (Town/Village): Chittar Seethathodu, Ranni Taluk

जिल्ला (District) PATHANAMTHITTA

दूरभाष (Phone)

राज्य (State)

ई. मेल (E-Mail)

Kerala

पिनकोड (Pincode)

फैक्स (Fax)

7. अनुज्ञप्ति परिसर में निम्नलिखित सुविधाएं अंतर्भूत हैं।

The licensed premises consist of following facilities.

1) Quarry at Survey Nos. 889/1-15-1 &amp; 889/1-15, in Perunad Village, Ranni Taluk, Pathanamthitta District, Kerala 2) quarry at: Survey No. 946/2 pt at Chittar Village, Ranni Taluk, Pathanamthitta District, Kerala 3) Portable Explosives Magazines of T-1084 &amp; G-620 type and D(676) fabricated by M/s. Thekkans Engineering

8. अनुज्ञप्ति समय - समय पर पथासंशोधित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक निपट, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपाबद्धों के अधीन रहते हुए अनुदत्त की जाती है।

The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.

- उपर्युक्त क्रम सं. 5 में पथा कथित रेखाचित्र (स्थान, सन्निरमाण संबंधी और अन्य विवरण दर्शित करते हुए।)  
Drawings (showing site, constructional and other details) as stated in serial No. 5 above.
- अनुज्ञप्ति प्राधिकारी द्वारा हस्ताक्षरित इस अनुज्ञप्ति की शर्तों और अतिरिक्त शर्तों।  
Conditions and Additional Conditions of this licence signed by the licensing authority.
- दूरी प्रारूप DE-2 | Distance Form DE-2.

9. यह अनुज्ञप्ति तारीख 31 मार्च 2028 तक विधिमाम्य रहेगी। This licence shall remain valid till 31st day of March 2028.

यह अनुज्ञप्ति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपवर्जित इस अनुज्ञप्ति की शर्तों का अधिकरण करने या यदि अनुज्ञप्त परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निलंबित या प्रतिबंधित की जा सकती है, जहां वह लागू हो।

This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VIII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto.

तारीख | The Date - 06/11/2023

संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of Explosives  
South Circle, Chennai

## Amendments :

- Change in Authorized Signatory/Occupier/Partners/Directors dated : 06/11/2023
- Change in Postal Address dated : 06/11/2023
- Amendment in Drawings/Facilities/Premises dated : 06/11/2023
- Amendment of Quantity of Explosives/Monthly Purchase Limit dated : 06/11/2023

नवीनीकरण के पृष्ठानक के लिए स्थान  
Space for Endorsement of Renewal

नवीकरण की तारीख Date of Renewal	समाप्ति की तारीख Date of Expiry	अनुज्ञापन प्राधिकारी के हस्ताक्षर और स्टाम्प Signature of licensing authority and stamp
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अन्योन्य चेतावनी : विस्फोटकों को गलत ढंग से चलाने या उनका दुरुपयोग विधि के अधीन गंभीर दंडिक अपराध होगा।  
Statutory Warning : Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

Note :- This is system generated document does not require physical signature. Applicant may take printout for their records.

Digitally signed by Dr T L THANULINGAM  
Reason: Licence No. : E/SC/KL/22/1772  
Location: Chennai [E31371]



भारत सरकार | Government of India  
वाणिज्य और उद्योग मंत्रालय | Ministry of Commerce & Industry  
पेट्रोलियम तथा विस्फोटक सुरक्षा संगठन (पेसो) | Petroleum & Explosives Safety Organisation (PESO)  
पूर्व नाम- विस्फोटक विभाग | Formerly- Department of Explosives  
A और D - विंग, ब्लॉक 1-3, दूसरा तल, शास्त्री भवन | A & D - Wing, Block 1-3, IInd Floor, Shastri Bhavan  
26 हड्डोउस रोड, नुंगम्बक्कम चेन्नै | 26 Haddous Road, Nungambakkam Chennai 600006  
फोन (Phone):- 28281023 | फैक्स (Fax):- 28284848

संख्या (No.): E/SC/KL/22/1772(E31371)

दिनांक (Date): 06/11/2023

सेवा में | To,

Sri.Thomas Philip, M/s.Delta Aggregates and Sand Pvt.Ltd,  
Chittar P.O.Pathanamthitta, Town/Village - Seethathodu  
District-PATHANAMTHITTA, State-Kerala, Pincode - 689663

विषय: Survey No.946/2, ग्राम Chittar Seethathodu,Ranni taluk, जिला PATHANAMTHITTA, राज्य Kerala में मेसर्स Sri.Thomas Philip, M/s.Delta Aggregates and Sand Pvt.Ltd द्वारा विस्फोटक के मैग्जीन में उपयोग के लिए कब्जा हेतु विस्फोटक नियम, 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/KL/22/1772(E31371) के संशोधन संदर्भ में।  
(विस्फोटक की मात्रा / मासिक खरीद सीमा में परिवर्तन डाक पते में परिवर्तन आरेखण / सुविधाएं / पारिसर में परिवर्तन प्राधिकृत अधिकर्ता / अडिथर / Director में परिवर्तन)  
Subject: Possession for Use of Explosives from magazine situated at Survey No.:946/2, Chittar Seethathodu,Ranni taluk, Dist. PATHANAMTHITTA, Kerala -Licence No.: E/SC/KL/22/1772(E31371) granted in Form LE-3 of Explosives Rules, 2008 -  
(Amendment of Quantity of Explosives/Monthly Purchase Limit Change in Postal Address Amendment in Drawings/Facilities/Premises Change in Authorized Signatory/Occupier/Director).

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या 101046 दिनांक 06/11/2023 का संदर्भ ग्रहण करें।  
Please refer to your letter no. 101046 dated 06/11/2023.

अनुज्ञप्ति संख्या E/SC/KL/22/1772(E31371) 1)Quarry at Survey, Nos. 889/1-15-1 & 889/1-15, in Perunad Village, Ranni Taluk, Pathanamthitta District, Kerala2)quarry at:Survey No. 946/2 pt at Chittar Village,RanniTaluk,Pathanamthitta District, Kerala3) Portable Explosives Magazines of T-1084 & G-620 type and D(676) fabricated by M/s. Thekkans Engineering के संदर्भ में यथा संशोधित कर भेजी जा रही है।  
The Licence No.: E/SC/KL/22/1772(E31371) is forwarded herewith duly amended in respect of followings ;

1)Quarry at Survey, Nos. 889/1-15-1 & 889/1-15, in Perunad Village, Ranni Taluk, Pathanamthitta District, Kerala2)quarry at:Survey No. 946/2 pt at Chittar Village,RanniTaluk,Pathanamthitta District, Kerala3) Portable Explosives Magazines of T-1084 & G-620 type and D(676) fabricated by M/s. Thekkans Engineering.

ताइसेस रिकॉर्ड में प्राधिकृत अधिकर्ता / अडिथर / Director के नाम इस प्रकार हैं।

The following are the names of the Authorized Signatory/Occupier/Director in the licence records.

क्र   No	नाम   Name
1)	Thomas Philip (Authorized Signatory)
2)	Thomas Philip (Occupier)
3)	Betsy Philip (Director)
4)	Raju Kadayattu Thomas (Director)

किसी भी एक समय में ताइसेस क्षमता निम्नलिखित वर्ग तथा मात्रा से अधिक नहीं होगी।

The licence capacity at any one time shall not exceed the kinds and quantities mentioned below ;

संख्या No	विस्फोटक Explosive(s)	वर्ग Class	प्रभाग Div	उप-प्रभाग Sub Div	क्षमता Capacity	इकाई Unit
1	Nitrate Mixture	2	0	0	150	Kg.
2	Safety Fuse	6	1	0	3000	Mtrs
3	Detonators	6	3	0	5000	Nos.

किसी भी एक कलेंडर मास में खरीदे जाने वाले विस्फोटक की मात्रा (अनुच्छेद 3 (ख) और (ग) के अधीन अनुज्ञप्ति के लिए लागू) : 20 गुना

Quantity of explosives to be purchased in a calendar month[applicable for licence under article 3(b) and (c)] : 20 times as above.

यह अनुज्ञप्ति दिनांक 31 मार्च 2028 तक प्रवृत्त रहेगी।

This Licence shall remain valid till 31st day of March 2028.

अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया विस्फोटक नियम, 2008 के नियम 112 के अंतर्गत प्रक्रिया का पालन करें। कृपया पावती दें।

For further revalidation(if required), please follow the procedure under Rule 112 of Explosives Rules, 2008. Receipt of this letter may please be acknowledged.

भवदीय | Your's faithfully

(डा.टी.एल.थनुलिंगम) | Dr. T. L. THANULINGAM

संयुक्त मुख्य विस्फोटक निपंत्रक | Joint Chief Controller of Explosives

दक्षिणांचल, चेन्नै | South Circle, Chennai

प्रतिलिपि प्रेषित | Copy Forwarded to:

1. उप मुख्य विस्फोटक निपंत्रक कोची

The Dy. Chief Controller of Explosives, Kochi

2. District Magistrate, PATHANAMTHITTA, Kerala with reference to his Noc No: 1.B4-18202/2005/K.Dis. Dated: 10/06/2005

3. Superintendent of Police, PATHANAMTHITTA, Kerala.

संयुक्त मुख्य विस्फोटक निपंत्रक | Joint Chief Controller of Explosives

(सेट VIII) (Set VIII)

मैगजीन में वर्ग 1,2,3,4,5,6, और 7 के विस्फोटकों को विक्री या प्रयोग हेतु रखने के लिए प्ररूप ई.ई. 3 (अनुच्छेद 3 (ख) से (ग)) में मुख्य विस्फोटक नियंत्रक या विस्फोटक नियंत्रक व्दारा प्रदान किए जाने वाले अनुज्ञप्ति सं. E/SC/KL/22/1772(E31371) की शर्तें निम्नलिखित हैं।

The following are the conditions of licence number E/SC/KL/22/1772(E31371) to possess for sale or use, explosives of Class 1,2,3, 4, 5, 6 and 7 in a magazine in Form LE-3 (articles 3(b) to (c) ) granted by Chief controller of Explosives or Controller of Explosives.

- परिसर में किसी भी समय विस्फोटकों की मात्रा अनुज्ञापन योग्य सामर्थ्य से अधिक नहीं होगी।  
The quantity of explosives on the premises at any one time shall not exceed the licensable capacity.
- विस्फोटकों के भंडारण के लिए प्रयुक्त होने वाली मैगजीन अनुसूची III और अनुज्ञप्ति के उपाबंध में विनिर्दिष्ट सुरक्षा दूरी बनाए रखना होगा।  
The magazine used for storage of explosives shall maintain safety distance specified in Schedule III and annexure to the licence.
- मैगजीन का प्रयोग उन सभी विस्फोटकों के, जो इस अनुज्ञप्ति में विनिर्दिष्ट है, रखे जाने के लिए और ऐसे रखे जाने से संबद्ध आधान या औजार या उपकरणों के रखे जाने के लिए ही किया जाएगा; अन्यथा नहीं।  
The magazine shall be used only for keeping all explosives specified in this licence and of receptacles for, or tools or implements for work connected with the keeping of such explosives.
- पैकजों को खोलने का कार्य और विस्फोटकों को तौलने तथा पैक करने का कार्य मैगजीन में नहीं किया जाएगा।  
The opening of packages and the weighing and packing of explosives shall not be carried on in the magazine.
- दो या दो से अधिक वर्णन के विस्फोटकों को, जिन्हें मैगजीन में रखे जाने की अनुज्ञा दी जा सकती है, मैगजीन में तभी रखे जाएंगे जब उनमें से प्रत्येक को, ऐसे पदार्थ या स्वरूप का कोई मध्यवर्ती विभाजक लगाकर या उनके बीच ऐसा मध्यवर्ती स्थान छोड़कर, परस्पर पृथक कर दिया जाए कि किसी वजह से विस्फोटक में लगने वाली आग या होने वाला विस्फोट किसी अन्य वर्णन के विस्फोटक तक न पहुंच सके : परंतु -  
(घ) 2 (नाइट्रेट मिश्रण), वर्ग 3 (नाइट्रो योगिक) के विभिन्न विस्फोटक, वर्ग 6 प्रथम प्रभाग के अंतर्गत आने वाले सुरक्षा फलिते और वर्ग 6 प्रभाग 2 के अंतर्गत आनेवाले विस्फोटक प्रेरक फलिते, जिनमें कोई खुला लोहा या इस्पात नहीं है, एक दूसरे के साथ बिना किसी मध्यवर्ती विभाजक या स्थायन के रखे जा सकते हैं।  
(ङ) वर्ग 6 प्रभाग 3 के अंतर्गत आनेवाले विस्फोटक प्रेरक अलग रखे जाएंगे।  
(च) वर्ग 1 के अंतर्गत आने वाले बारूद को अलग रखा जाएगा।  
Two or more description of explosives which may be permitted to be kept in the magazine shall be kept only if they are separated from each other by an intervening partition of such substance or character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other; Provided that—  
(d) the various explosives of Class 2 (nitrate-mixture), Class 3 (nitro-compound), safety fuses belonging to Class 6 Division 1 and detonating fuses belonging to Class 6 Division 2 as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space ;  
(e) Detonators belonging to Class 6 Division 3 shall be kept separately.  
(f) Gun powder belonging to Class 1 shall be kept separately.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात सिवाय अनुज्ञापन प्राधिकारी की विशेष मंजूरी के मैगजीन में नहीं रखा जाएगा।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of licensing authority.
- वर्ग 3 (नाइट्रो योगिक) के विस्फोटकों को, उनके विनिर्माण की तारीख से एक वर्ष बीत जाने के पश्चात मैगजीन में तभी रखा जाएगा जब कि किसी विस्फोटक नियंत्रक ने इसके लिए विशेष मंजूरी दे दी हो।  
(i) जब ऐसी मंजूरी दे दी गई हो तो प्रत्येक निरीक्षण पर किसी विस्फोटक नियंत्रक से ऐसा लिखित प्रमाणपत्र अभिप्राप्त कर लिया जाए जिसमें दी गई मंजूरी के अंतर्गत आनेवाली अवधि दर्शित की गई हो और ऐसे प्रमाणपत्र के अनुज्ञप्तिधारी अपने पास रखेगा और मांग की जाने पर प्रस्तुत करेगा।  
(ii) जब कोई विस्फोटक मानक शुद्धता का न रह जाने के कारण या द्रवणीकरण या नाइट्रो ग्लायसरीन या द्रव नाइट्रो योगिक के निकल जाने के चिन्ह प्रकट होने के कारण मैगजीन में भण्डारित किए जाने के उपयुक्त नहीं रह जाता है तो अनुज्ञप्तिधारी अपने ही व्यय पर ऐसे विस्फोटक के निपटारे के लिए ऐसे निदेशों का अनुपालन करेगा जो मुख्य नियंत्रक या विस्फोटक नियंत्रक जारी करें।  
Explosives of Class 3 (nitro compound) shall not be kept in the magazine after the expiration of one year from the date of their manufacture except with the special sanction of the Controller of Explosives.  
(i) When such sanction has been given, a written certificate showing the period covered by the sanction shall be obtained from the Controller of Explosives at each inspection, and shall be kept by the licensee and produced on demand.  
(ii) When an explosive owing to its being no longer of standard purity or owing to signs of liquefaction or of exuded nitro-glycerin or liquid nitro-glycerin or liquid nitrocompound is no longer fit for storage in the magazine or store house the licensee shall comply, at his own expense, with such directions as to its disposal as the Chief Controller or Controller of Explosives may issue.
- मैगजीन के भीतरी भाग या उसमें लगी बेंचो, शेल्फों और उसकी फिटिंग का इस प्रकार सन्निर्माण किया जाएगा या उन्हें इस प्रकार अंतरित या अवतरित किया जाएगा कि विस्फोटक का किसी लोहे या इस्पात के साथ संपर्क रोका जा सके। भीतरी भाग में लगी बेंचो, शेल्फों और फिटिंग पथासाध्य फ्रिट से मुक्त एवं साफ रखे जाएंगे तथा ऐसे विस्फोटक, जो जल से खतरनाक रूप में प्रभावित हो सकते हैं, इस बाबत सम्यक सावधानी बरती जाएगी कि वहां कोई जल मौजूद न रहे : परंतु किसी लोहे या इस्पात के खुले होने के विरूद्ध सावधानी से संबंधित इस शर्त का वह भाग ऐसे किसी भवन में बाध्यकर नहीं होगा जिसमें वर्ग 6 (गोला बारूद) के प्रथम के विस्फोटक से भिन्न कोई विस्फोटक रखा गया है।  
The interior of the magazine and the benches, shelves and fittings therein shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel contact with the explosives. Such interior, benches, shelves and fittings shall so far as is reasonably practicable, be kept free from grit and shall otherwise be clean; and in the case of any explosives liable to be dangerously affected by water, due precautions shall be taken to exclude water there from;  
Provided that so much of this condition as relates to precautions against the exposure of any iron or steel shall not be obligatory in a building in which no explosive other than explosive of the 1st Division 6th (Ammunition) Class is kept.
- यदि तडित चालक का परीक्षण विस्फोटक नियंत्रक करता है तो अनुज्ञप्तिधारी ऐसे परीक्षण के लिए विहित फीस का संपादन करेगा यदि परीक्षण असमाधानकारी साबित होता है तो उतनी ही फीस अनुज्ञप्तिधारी व्दारा पश्चात्कर्त्त प्रत्येक परीक्षण के लिए तब तक दी जाती रहेगी जब तक कि परीक्षण अधिकारी तडित चालक को समाधानप्रद घोषित नहीं कर देता :  
परंतु किसी एक परीक्षण के लिए देय फीस किसी एक दिन के दौरान किसी चालक के लिए गए सभी परीक्षणों के लिए प्रभार्य होगा :  
परंतु यह और कि यदि दो या अधिक तडित चालक एक ही मैगजीन से संबद्ध हैं तो ऐसे सभी चालकों के परीक्षण के लिए फीस ऐसी किसी फीस से अधिक नहीं होगी जो किसी एक तडित चालक के परीक्षण के लिए हर स्थिति में विहित की गई है।  
If the lighting conductor is tested by the Controller of Explosives, the licensee shall pay the fees prescribed for test. In the even of the test proving unsatisfactory, the same fees shall be payable by the licensee for each subsequent test until the lighting conductor is passed by the testing officer as satisfactory:  
Provided that the fees payable for a single test shall be charged for all tests made on a conductor during any one day :  
Provided further that where two or more lighting conductors are attached to one and the same magazine, the fee for the testing of all such conductors shall not exceed the fee prescribed in this condition for testing a single lighting conductor.
- उपयुक्त तथा जब रहित कार्यकरण वस्तु, उपयुक्त जूतों के प्रयोग व्दारा तथा तलाशी लेकर या अन्यथा अथवा ऐसे किन्हीं साधनों व्दारा इस बाबत सम्यक उपबंध किया जाएगा कि फेक्ट्री परिसर में अग्नि, दियासलाई अथवा ऐसी कोई वस्तुएं या पदार्थ, जिससे विस्फोट हो सकता है या आग लग सकती हो, किन्तु इस शर्त के कारण ऐसी संरचना, स्थिति या स्वरूप में किसी कृत्रिम बत्ती का प्रवेश वर्जित नहीं है जिससे आग लगने या विस्फोट होने का खतरा न हो :  
परंतु इस शर्त का वह भाग, जो लोहे या इस्पात के अपवर्जन को लागू होता है, ऐसे किसी भवन के संबंध में बाध्य कर नहीं होगा जिससे भिन्न कोई विस्फोटक नहीं रखा गया है।  
Due provisions shall be made, by the use of suitable working clothes without pockets, suitable shoes and by searching or otherwise or by such means, for preventing the introduction into danger area of the factory premises of fire, Lucifer matches or any substance or article likely to cause explosion or fire, but this condition shall not prevent the introduction of an artificial light of such construction, position or character as not to cause any danger of fire or explosion:  
Provided that so much of this condition as applies to the exclusion of iron or steel, shall not be obligatory in a building in which no explosive other than an explosive of the 1st Division of the 6th (Ammunition) Class is kept.

11. अनुज्ञापिधारी प्ररूप आर.ई.-3 और आर.ई.-4 या आर.ई.-5, जैसी स्थिति हो, में सभी विस्फोटकों का अभिलेख और लेखा रखेगा और विस्फोटक नियम, 2008 के अधीन प्राधिकृत किसी भी अधिकारी के समक्ष उसके द्वारा ऐसा करने की मांग की जाने पर स्टाक पुस्तक और अभिलेख प्रस्तुत करेगा। स्टाक पुस्तक विहित प्रोफार्मा में पृष्ठ संख्यांकित होगी।  
The licensee shall keep records and accounts of all explosives in Forms RE-3 and RE-4 or RE-5, as the case may be, and exhibit the stock books and records to any of the officers authorised under the Explosives Rules, 2008 whenever such officer may call upon him to do so. The stock books in the prescribed proforma shall be page numbered.
12. परिवर्तनों में कोई परिवर्तन या तबदीली अनुज्ञापन प्राधिकारी के पूर्वानुमोदन बिना नहीं की जाएगी और अनुज्ञापिधारी ऐसी किसी शर्त का अनुपालन करेगा जो इस निमित्त अनुज्ञापन प्राधिकारी विनिर्दिष्ट करे।  
No changes or alterations shall be carried out to the premises without prior approval of the licensing authority and the licensee shall comply with any condition that may be specified by the licensing authority in this behalf.
13. मैगजीन सभी समयों पर अच्छी मरम्मत की स्थिति में बनाई रखी जाएगी (या अच्छी हालत में बनाई रखी जाएगी)। यदि किसी कारणवश किसी विस्फोटक के भण्डारण के लिए मैगजीन अनुपयुक्त हो जाती है तो अनुज्ञापिधारी इस बात की सूचना अनुज्ञापन प्राधिकारी को तुरंत देगा।  
Magazine shall at all times be kept in state of good repair (or maintained in good condition). The licensee shall report to licensing authority forthwith, if the magazine becomes unfit for storage of any explosives for any reason whatsoever.  
मैगजीन का अनुज्ञापिधारी इन नियमों के नियम 24 के उप-नियम 3 के अनुसार त्रैमासिक विवरणी प्रस्तुत करेगा।  
The licensee of the magazine shall submit quarterly return as per sub-rules (3) and (4) of rule 24 of these rules.
14. यदि सुरक्षा दूरी का कोई अधिकरण होता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को आवश्यक सलाह और कार्यवाही के लिए तुरंत दी जाएगी।  
Any encroachment of the safety distance shall be immediately communicated to the licensing authority for necessary advice and action.
15. यदि कोई विस्फोटक विनष्ट हुआ अथवा अनुपयोगी जाया जाता है तो उसकी सूचना अनुज्ञापन प्राधिकारी को, सलाह प्राप्त करने के लिए, तुरंत दी जाएगी।  
The licensing authority shall be immediately informed for advice if any explosive is found deteriorated or unserviceable.
16. विस्फोटकों के पैकेटों के चट्टे इस प्रकार लगाए जाएंगे कि कम से कम एक व्यक्ति भण्डार किए गए सभी पैकेटों की हालत की जांच करने और प्रत्येक पैकेज की विनिर्माण विधिष्टियों को पढ़ने के लिए उनके बीच से होकर आ जा सके।  
The explosive packages shall be stocked in such a way so as to allow movement of at least one person to check the condition of all packages stored and to read the manufacture particulars of each package.  
तडित चालकों की भूमि के लिए प्रतिरोध यथासंभव न्यूनतम होगा और किसी भी दशा में 10 ओह्म से अधिक नहीं होगा।  
The resistance of the lightning conductor to earth shall be as low as possible and in no case be more than 10 ohms.
17. मैगजीन के चारों ओर 15 मीटर की दूरी के अंतर्गत कोई शुल्क घास या झाड़ी या ज्वलनशील सामग्री नहीं रहने दी जाएगी।  
A distance of 15 meters surrounding the magazine or store house shall be kept clear of dried grass or bush or flammable materials.
18. विस्फोटकों के प्रत्येक पैकेट की, जब उसे मैगजीन के भीतर लिया जा रहा हो, ठीक दशा जानने के लिए परीक्षा की जाएगी।  
Every package of explosive at the time of bringing inside the magazine shall be examined for its sound condition.
19. किसी मैगजीन / भण्डारगृह में किसी एक समय में चार व्यक्तियों से अधिक को नहीं रहने दिया जाएगा।  
Not more than 4 persons shall be allowed inside the magazine or store house at any one time.
20. विस्फोटकों के खाली पैकेटों को तुरंत हटा दिया जाएगा और नष्ट कर दिया जाएगा।  
Empty packages of the explosives shall be removed at the earliest and destroyed.
21. अनुज्ञापिधारी और कर्मचारीयों को परिसर के भीतर आपातकाल के दौरान की जाने वाली प्रक्रियाओं से अवगत होना चाहिए।  
The licensee and the employee shall be conversant with procedure to be taken during the emergency within the premises.
22. निरीक्षण या नमूना अधिकारी को सभी युक्तिपुक्त समयों पर अनुज्ञापन परिसर में अबाध रूप से पहुंचने दिया जाएगा और यह सुनिश्चित करने के लिए कि अधिनियम और इन नियमों के उपबंधों और सुरक्षा स्थितियों को सम्यक्तः अनुपालन किया जा रहा है, अधिकारी को प्रत्येक सुविधा प्रदान की जाएगी।  
Free access to the licensed premises shall be given at all reasonable times to any inspecting or sampling officer and every facility shall be afforded to the officer for ascertaining that the provisions of the Act and these rules and the safety conditions are duly observed.
23. यदि अनुज्ञापन प्राधिकारी या विस्फोटक निषेधक अनुज्ञापिधारक को अनुज्ञापन परिसरों या मशीनरी, टूल या उपकरण में ऐसी कोई मरम्मत या परिवर्तन या परिवर्तन करने या सिकारियों को लागू करने को लिखित रूप में सूचित करता है जो परिसर के अंदर या बाहर या व्यक्तियों की सुरक्षा के लिए आवश्यक है, अनुज्ञापिधारक सिकारियों को निष्पादित करेगा और विनिर्दिष्ट अवधि के भीतर अनुपालन रिपोर्ट ऐसे प्राधिकारी को देगा।  
If the licensing authority or a Controller of Explosives informs in writing, the holder of the licence to execute any repairs or to make any additions or alterations to the licensed premises or machinery, tools or apparatus or carry out recommendations, which are in the opinion of such authority may pose unacceptable risk and so necessary for the safety of either on-site or off-site of the premises or persons, the holder of the licence shall execute the recommendations and report compliance within the period specified by such authority.
24. अनुज्ञापिधारी मैगजीन में रखने और बिक्री के लिए प्राधिकृत विस्फोटक सूची में उल्लिखित अनुज्ञापन फैक्टरी या कंपनी से प्राधिकृत विस्फोटक / आतिशबाजी या सुरक्षा परतों खरीदेगा।  
The licensee shall purchase authorised explosives/ fireworks or safety fuse as mentioned in the list authorised explosives from a licensed factory or company for possession and sale from the magazine.
25. निम्न से अधिक ध्वनि स्तर उत्पादित करने वाले आतिशबाजियों पटाखों की बिक्री और रखने के लिए -  
(क) जो फटने की जगह से चार मीटर की दूरी पर है, 125 डी.बी.(ए।) या 145 डी.बी.(सी)/पी के प्रतिबंधित होंगे;  
(ख) ब्रुंखला (जुड़े हुए पटाख) को गठन करने वाले व्यक्तिगत पटाखों के लिए उपर्युक्त उल्लिखित सीमा 5 लॉग.10(एन) डी.बी. (सी) पी.के प्रतिबंधित होंगे;  
The possession and sale of fire-crackers generating noise level exceeding:  
a) 125 dB(A) or 145 dB(C)pk at 4 meters distance from the point of bursting shall be prohibited;  
b) For individual fire-cracker constituting the series (joined fire-crackers), the above mentioned limit be reduced by 5 log<sub>10</sub> (N) dB, where N = number of crackers joined together.
26. आग या विस्फोट द्वारा दुर्घटना या नुकसान पटाखों की कमी या चोरी, तुरंत पास के पुलिस थाने और अनुज्ञापन प्राधिकारी और अनुज्ञापन प्राधिकारी के स्थानीय कार्यालय को रिपोर्ट की जाएगी।  
Accidents by fire or explosion and losses, shortage or theft of explosives shall be immediately reported to the nearest police station and the licensing authority and local office of the licensing authority.

**अतिरिक्त शर्तें / Additional Conditions :**

1. अनुज्ञापिधारी विदेशी मूल के आतिशबाजी को न प्रदर्शित करेगा, न रखेगा और न ही उसकी बिक्री करेगा। The licensee shall not exhibit, possess and sell fireworks of foreign origin.

कृते संयुक्त मुख्य विस्फोटक निषेधक  
For Joint Chief Controller of Explosives  
दक्षिणांचल, चेन्नै | South Circle, Chennai

**note :- This is system generated document does not require physical signature. Applicant may take printout for their records.**

**CONSENT TO OPERATE FROM KSPCB**

**FILE NO : KSPCB/PT/ICO/10063486/2024**

**Date of issue : 23-04-2024**



**KERALA STATE POLLUTION CONTROL BOARD**

**CONSENT TO**

**OPERATE/AUTHORISATION/REGISTRATION**

**ISSUED UNDER**

The Water (Prevention & Control of Pollution) Act, 1974

The Air (Prevention & Control of Pollution) Act, 1981

and

The Environment (Protection) Act, 1986

**As per Application No. : 10063486**

**Dated : 20-03-2024**

**To**

**DELTA AGGREGATES AND SAND PVT LTD  
CHITTAR, CHITTAR P.O, PATHANAMTHITTA**

**Consent No. : KSPCB/PT/ICO/10063486/2024**

**Valid Upto : 21-04-2029**

## 1. GENERAL

1.1. This integrated consent is granted subject to the power of the Board to withdraw consent, review and make variation in or revoke all or any of the conditions as the Board deems fit

1	<b>VALIDITY</b>	21-04-2029
2	Name and Address of the establishment	DELTA AGGREGATES AND SAND PVT LTD CHITTAR, CHITTAR P.O, PATHANAMTHITTA E-Mail : deltaaggregatesandsand@gmail.com Contact Number : 9946109711
3	Occupier Details	THOMAS PHILIP CHERUPULICHIYIL, VADASSERIKKARA, CHERUKULANJI, PATHANAMTHITTA E-Mail : deltaaggregatesandsand@gmail.com Contact Number : 9946109711
4	Local Body	CHITTAR GRAMA PANCHAYAT
5	Survey Number	946/2-P18, 946/2-P19, 946/2-P20, 946/2-P21, 946/2-P23
6	Village	Chittar
7	Taluk	Konni
8	District	PATHANAMTHITTA
9	Capital Investment(Rs in Lakhs)	123.0
10	Scale	Small
11	Category	RED
12	Annual fee(Rs)	26150.0
	Total Fee remitted(Rs)	169975.0
13	Activity	Rock Quarrying (Per Year)- 300000 Metric Tonnes Quarrying area- 9.7128 Hectares
14	Machinery details	MACHINERY DETAILS : (1) COMPRESSOR -3No.-300HP (2) EXCAVATOR -3No.-423HP (3) TIPPER-2No.-20HP

## **GENERAL CONDITIONS**

1. This Consent is issued based on the Judgement dated 25-10-21 of the Honourable Supreme Court of India in CA no. 6273 of 2021 and connected matters, order dated 14-12-2021 of the Honourable Supreme Court in MA no. 1904 of 2021, Judgement dated 10-11-2021 of the Honourable High Court of Kerala in WP(C) 2773 of 2021 and Judgement dated 10-12-2021 of the Honourable High Court of Kerala in WP(C) 27178 of 2021.
2. This Consent is issued subject to any order passed by the Honourable Supreme Court, Honourable National Green Tribunal, Honourable High Court of Kerala in connected matters.
3. This consent is issued based on the information furnished in the application, affidavit and other particulars produced by the applicant, and is liable to be revoked if the information is found to be false at any stage.
4. The consent unless withdrawn earlier and subject to condition no. 1 & 2 shall be valid up to 21/04/2029 . For renewal of consent, application may be submitted via online 2 months in advance of expiry of validity date.
5. Quarrying shall be done only within the area marked in the approved location plan attached. No change, deviation or alteration that may affect the environment, extent and location of quarry shall be made. Any change in particulars furnished in the application/the identity of the occupier/ authorized agent is to be intimated to the Board forthwith.
6. A minimum distance of 50 m shall be kept from the boundary of quarry area to residential buildings, places of worship, public buildings, public road having vehicular traffic, river or lake, railway line and bridges.
7. The applicant shall put up sign boards near the main entrance of the plant to display consent number & validity.
8. Suitable species of trees and curtain plants shall be planted and maintained within and along the periphery of the premises, forming a green belt to improve the environment.
9. Fencing shall be provided around the boundary of quarry and shall be maintained properly.
10. After completion of excavation at any site, the abandoned quarry shall be utilized for rain water harvesting with protective barriers/ any other suitable approved purpose or may be reclaimed as per specification.
11. Quarrying activity shall not be carried out during night hours.
12. PM<sub>10</sub> in ambient air at the boundary of quarry shall not exceed 100 micrograms per cubic meter and PM<sub>2.5</sub> in ambient air at the boundary shall not exceed 60 micrograms per cubic meter .
13. The Sound level (Leq) at 1m outside the boundary of the site shall not exceed the ambient noise standards applicable to the adjoining areas.
14. The consent issued from the Board shall be valid only for a period when all other statutory or necessary clearances from other concerned authorities are valid.
15. The applicant shall comply with the instructions that the Board may issue from time to time regarding

the prevention and control of Air, Water, Land and Sound Pollution.

16. Regular wetting of the roads in the premises of the quarry and approach roads near the quarry shall be done for avoiding excessive dust emission within and outside the boundary of the unit.
17. Products shall be transported with proper cover and/or after wetting to prevent spreading of dust.
18. Once the lease/permit from the mining and geology is obtained, copy of the same shall be submitted to the office.

Digitally signed by PRAVITHAMOL  
Date: 2024.04.23 11:43:33 IST

SIGNATURE OF ISSUING AUTHORITY

ENVIRONMENTAL ENGINEER

**To**

M/s DELTA AGGREGATES AND SAND PVT LTD  
CHITTAR, CHITTAR P.O, PATHANAMTHITTA  
E-Mail : deltaaggregatesandsand@gmail.com  
Contact Number : 9946109711 9946109711

1. This digitally signed document is legally valid as per the Information Technology Act 2000
2. For verifying this document please go to [www.keralapcbonline.com](http://www.keralapcbonline.com) and search using Certificate Number/name of the unit/Application Number in "Certificate Verification" link in the home page of the Board's Phoenix website.

PANCHAYAT LICENSE



ചിറ്റാർ ഗ്രാമപഞ്ചായത്തിൽ നിന്നും  
 1994ലെ കേരള പഞ്ചായത്ത് രാജ് ആക്ട് (1994ലെ 13) 232, 233, 234, 254 എന്നീ വകുപ്പുകളും  
 അതേ തുടർനടപടികളും അനുസരിച്ച്  
 ഫറാക്റ്റുകൾ, വ്യാപാരങ്ങൾ, സംരംഭങ്ങൾ, മറ്റു സേവനങ്ങൾ എന്നിവയ്ക്കായി നൽകുന്ന

ലൈസൻസ്

നമ്പർ : 08സി/1298/2024

തീയതി : 25.06.2024

ലൈസൻസിയുടെ പേരും മേൽവിലാസവും	തോമസ് ഫിലിപ്പ്, മാനേജിംഗ് ഡയറക്ടർ, ഡെൽറ്റ അഗ്രിഗേറ്റിംഗ് & സാൻഡ് പ്രൈവറ്റ് ലിമിറ്റഡ്	
സ്ഥാപനത്തിന്റെ പേരും സ്ഥലനാമവും	ഡെൽറ്റ അഗ്രിഗേറ്റിംഗ് & സാൻഡ് പ്രൈവറ്റ് ലിമിറ്റഡ്, 946/2-P-18,946/2-P19,946/2-P20,946/2-P21,946/2-P23- VILLAGE OFFICE CHITTAR	
ലൈസൻസ് നൽകിയിട്ടുള്ള പ്രവർത്തനങ്ങൾ	കരിങ്കല്ല് പാറുടെ നടത്തുന്നതിന്	
കെട്ടിടത്തിന്റെ നമ്പരും വാർഡ് നമ്പരും	559/4	
ലൈസൻസ് കാലയളവ്	08-05-2024 മുതൽ 31-03-2029 വരെ	
ഈടാക്കിയ ലൈസൻസ് ഫീസ്	₹50000	സീൽ നം: 1240100383 തീയതി: 08-05-2024
തൊഴിൽക്കരം	₹6250 + ₹6250	സീൽ നം: 124100383 തീയതി: 08-05-2024
ലൈസൻസ് അനുവദിക്കുന്നതിനായി ഹാജരാക്കിയ നിരാകരണപത്രങ്ങളുടെ വിശദാംശങ്ങൾ (നമ്പർ, തീയതി, കാലയളവ്, നൽകിയ അധികാരസ്ഥാനം)	MOTOR FEE-15000,(1240100384),INSTILLATION FEE-200 (1240100385) CONSENT LETTER OF LAND OWNER, LAND TAX, POSSESSION CERTIFICATE (NO.84153114 DTD.15.03.2024) EXPLOSIVE LICENSE,(VALID UP TO 31.03.2028) NOC FIRE AND RESCUE, BLASTMAN LICENSE, LETTER OF INDENT, SURVEY MAP, ENVIRONMENT CLEARANCE CERTIFICATE, GO-MINING AND GEOLOGY VALIDITY OF EC (DMG/126/2024-M2 DTD.19.03.2024), KSPCB CERTIFICATE (NO.PT/ICO/10063486/2024, VALID UP TO 21.04.2029, GO-INDUSTRY DEPARTMENT, CIRCULAR (NO.PAN/6080/19/C4(DP) DTD.11.11.2019) NATIONAL HIGH WAYS AUTHORITY LETTER, KERALA GAZETTE EXTRA ORDINARY NO.3/2024 DTD.10.01.2024	

സെക്രട്ടറി  
 ചിറ്റാർ ഗ്രാമപഞ്ചായത്ത്



## MONITORING REPORTS

**GLOBAL ENVIRONMENT & MINING SERVICES**

(Consulting Engineers, Mine designers, Geologist &amp; Surveyors)

3<sup>rd</sup> Main Road, Basaveswara Badavane,

HOSPETE – 583201, Dist., Vijayanagara (Karnataka)

Ph : +918394 355369

e-mail : gems\_hpt@yahoo.com

Website : www.globalmining.in

GEMS-LD/TF/11/01  
Report Issue Date: 27.02.2025**ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA**

Name of the Industry : 'Granite Building Stone Quarry of M/s Delta Aggregates & Sands Private Limited'  
Extent: 9.7128 Ha.  
Sy. Nos. 946/2 pt  
Chittar Village, Ranni Taluk,  
Pathanamthitta District, Kerala State.

Sample Type : Ambient Air Quality Monitoring  
Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler & CO Analyzer  
Month : February  
Location : Core zone area  
Monitoring station code : A1  
Duration of Monitoring : 24 Hour  
Report Number : ULR-TC532325000002275F

**RESULTS**

Parameters			PM <sub>10</sub> [µg/m <sup>3</sup> ]		PM <sub>2.5</sub> [µg/m <sup>3</sup> ]		SO <sub>2</sub> [µg/m <sup>3</sup> ]		NO <sub>2</sub> [µg/m <sup>3</sup> ]		CO (1 Hour) (mg/m <sup>3</sup> )	
Reference method			IS : 5182:2006 (Part 23) (RF- 2017)		IS : 5182(Part 24): 2019		IS : 5182: 2001 (Part 2) (RF 2017)		IS : 5182: (Part 6) 2006 (RF 2017)		IS : 5182: (Part 10) 1999 (RF 2006)	
Date of Sampling	Date of sample received	Sample code	Result	STD	Result	STD	Result	STD	Result	STD	Result	STD
21.02.2025	24.02.2025	120	54.5	100	20.8	60	11.5	80	12.8	80	ND	4.0

**Note:**

CO - GEMS/SOP/86/as per CO analyzer Manual (1 hour)

ND - Not Detected (&lt;0.001)

INFERENCE	As per NAAQMS Standards 2009, Report Status: - Measured Values for the above parameters are within the limit.
-----------	------------------------------------------------------------------------------------------------------------------

*Anusha*  
Analyzed By  
Anusha M  
Chemist

*TKR*  
Authorized Signatory  
K. Ramakrishna Reddy  
Technical Manager

**Note:**

- The result listed refers only to the tested samples & applicable parameters. Endorsement of products is neither inferred nor implied.
- Water Samples will be destroyed after 15Days, Minerals 3 Months, Filter papers & Thimbles after analysis Discard.
- This report is not to be reproduced wholly or in part & cannot be used as evidence in the Court of law & should not use any advertising media without special permission in writing.
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Ph : +918394 355369

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Website : www.globalmining.in

GEMS-LD/TF/11/01  
Report Issue Date: 27.02.2025

### ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : 'Granite Building Stone Quarry of M/s Delta Aggregates & Sands Private Limited'  
 Extent: 9.7128 Ha.  
 Sy. Nos. 946/2 pt  
 Chittar Village, Ranni Taluk,  
 Pathanamthitta District, Kerala State.

Sample Type : Ambient Air Quality Monitoring  
 Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler & CO Analyser  
 Month : February  
 Location : Chittar  
 Monitoring station code : A2  
 Duration of Monitoring : 24 Hour  
 Report Number : ULR-TC532325000002276F

### RESULTS

Parameters			PM <sub>10</sub> [µg/m <sup>3</sup> ]		PM <sub>2.5</sub> [µg/m <sup>3</sup> ]		SO <sub>2</sub> [µg/m <sup>3</sup> ]		NO <sub>2</sub> [µg/m <sup>3</sup> ]		CO (1 Hour) (mg/ m <sup>3</sup> )	
Reference method			IS : 5182:2006 (Part 23) (RF- 2017)		IS : 5182(Part 24): 2019		IS : 5182: 2001 (Part 2) (RF 2017)		IS : 5182: (Part 6) 2006 (RF 2017)		IS : 5182: (Part 10) 1999 (RF 2006)	
Date of Sampling	Date of sample received	Sample code	Result	STD	Result	STD	Result	STD	Result	STD	Result	STD
22.02.2025	24.02.2025	121	47.8	100	16.9	60	10.2	80	11.1	80	ND	4.0

#### Note:

CO - GEMS/SOP/86/as per CO analyzer Manual (1 hour)

ND - Not Detected (<0.001)

INFERENCE	As per NAAQMS Standards 2009, Report Status: - Measured Values for the above parameters are within the limit.
-----------	------------------------------------------------------------------------------------------------------------------

*Anusha*  
 Analyzed By  
 Anusha M  
 Chemist

*K. Ramakrishna Reddy*  
 Authorized Signatory  
 K. Ramakrishna Reddy  
 Technical Manager



#### Note:

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Ph : +918394 355369

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Website : www.globalmining.in

GEMS-LD/TF/08/01

Report Issue Date: 27.02.2025

### TEST REPORT OF AMBIENT NOISE LEVEL DATA

1	Name of the Industry	: 'Granite Building Stone Quarry of M/s Delta Aggregates & Sands Private Limited' Extent: 9.7128 Ha. Sy. Nos. 946/2 pt Chittar Village, Ranni Taluk, Pathanamthitta District, Kerala State.
2	Sample Description	: <b>Ambient Noise Level monitoring</b>
3	Sample Collected By	: GLOBAL Environment & Mining Services
4	Particulars of Sample Collected	: Noise Level Meter (Lutron SL-4023SD)
5	Month	: February
6	Duration of the Monitoring	: 24 Hours Sampling
7	Report No	: ULR-TC53232500002277F

### Result

Date	21.02.2025	22.02.2025
Area	Industrial	Commercial
Name of the Location	Core zone	Pazhamala
Sample code	122	123
Time (hrs)	N1	N2
6.00	36.1	34.9
7.00	41.8	35.2
8.00	44.9	37.5
9.00	46.9	38.9
10.00	51.3	39.2
11.00	49.8	40.8
12.00	51.2	50.9
13.00	53.5	52.4
14.00	54.9	52.4
15.00	52.2	54.8
16.00	52.9	51.9
17.00	51.6	44.7
18.00	49.3	48.1
19.00	49.5	48.9
20.00	40.4	42.2
21.00	43.2	43.6
22.00	40.6	41.8
23.00	39.4	39.2
00.00	33.2	37.9
01.00	30.4	37.2
02.00	30.1	32.5
03.00	32.6	32.7
04.00	35.8	35.6
05.00	41.1	36.8

#### **Note:**

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e-mail : gems\_hpt@yahoo.com

Website : www.globalmining.in

Name of the location	Core zone	Chittar
L max	54.9	54.8
L min	30.1	32.5
L 10	32.78	34.99
L 50	44.05	40
L 90	52.69	52.25
Ld	50.54	48.94
Ln	37.17	37.44
Ldn	49.6	48.4
Leq	48.62	47.08

All Measured Values are in Db(A)

**NOISE: (AMBIENT STANDARDS)**

Area Code	Category of Area	Limit in dB(A) Leq	
		Day Time	Nighttime
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Area	50	40

Note	Day time shall mean from 6:00 am and 10.00 pm
	Night time shall mean from in between 10.00 pm and 6.00 am
	Silence zone is an area comprising not less than 100 meters around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority
	Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.
	*dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which relatable to human being
	A "decibel" is a unit in which noise is measured
	"A", in dB(A) Leq, denotes the frequency weighting in the measurement of noise and corresponds to frequency response characteristics of the human ear.
Leq: It is energy mean of the noise level over a specified period.	



**Authorized Signatory**  
K. Ramakrishna Reddy  
Technical Manager

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e-mail : gems\_hpt@yahoo.com  
Website : www.globalmining.in

GEMS-LD/TF/23/01  
Report Issue Date: 27.02.2025

### Analysis Report of Water Quality Data

- 1 Name of the Industry : 'Granite Building Stone Quarry of M/s Delta Aggregates & Sands Private Limited'  
Extent: 9.7128 Ha.  
: Sy. Nos. 946/2 pt  
Chittar Village, Ranni Taluk,  
Pathanamthitta District, Kerala State.
- 2 Customer Reference : -
- 3 Sample Collected by : GLOBAL Environment & Mining Services
- 4 Particulars of sample collected : Grab Sampling
- 5 Sampling procedure : GEMS-LD/SOP/32
- 6 Sample Type : **Water Samples (Ground Water)**
- 7 Date of sampling : 21.02.2025
- 8 Sample Received : 24.02.2025
- 9 Date of Analysis : 25.02.2025
- 10 Report Number : ULR-TC532325000002278F

#### Results

Sl. No.	Parameters	Protocol	Unit	Results		Standard as per IS : 10500 : 2012	
				Sample Code		Desirable limits	Permissible limits
				124 GW			
1.	Temperature	Thermometer	°C	25.7	-	-	-
2.	pH	APHA 23 <sup>rd</sup> Edition 2017 4500 H+ B (Pg No. 4-95 to 4-99)	-	6.8	6.5-8.5	NR	NR
3.	Conductivity	APHA 23 <sup>rd</sup> Edition 2017 2510 A (Pg No. 2-56 to 2-58)	µS/cm	162	-	-	-
4.	Total Dissolved Solids	APHA 23 <sup>rd</sup> Edition 2017 2540 C (Pg No. 2-69 to 2-70)	mg/L	169	500	2000	2000
5.	Turbidity (NTU)	APHA 23 <sup>rd</sup> Edition 2017 2130 B (Pg No. 2-13 to 2-15)	NTU	0.59	1	5	5
6.	Phosphorous P	APHA-23 <sup>rd</sup> Edition 2017 4500-D (Pg.No. 4-163 to 4-164)	mg/L	<0.01	-	-	-
7.	Sodium as Na	APHA 23 <sup>rd</sup> Edition 2017 Na 3500 B (Pg No. 3-99 to 3-100)	mg/L	7.2	-	-	-
8.	Potassium as K	APHA 23 <sup>rd</sup> Edition 2017 K 3500 B (Pg No. 3-89 to 3-90)	mg/L	0.71	-	-	-
9.	Calcium as Ca	APHA 23 <sup>rd</sup> Edition 2017 3500 Ca B (Pg No. 3-69 to 3-70)	mg/L	48	75	200	200
10.	Magnesium as Mg	APHA 23 <sup>rd</sup> Edition 2017 3500 B Mg By calculation (Pg No. 3-86)	mg/L	11.1	30	100	100
11.	Total Hardness as CaCO <sub>3</sub>	APHA 23 <sup>rd</sup> Edition 2017 2340 C (Pg No. 2-48 to 2-50)	mg/L	159	200	600	600
12.	Chloride as Cl	APHA 23 <sup>rd</sup> Edition 2017 4500 Cl- (Pg No. 4-75 to 4-76)	mg/L	18.1	250	1000	1000
13.	Sulphate as SO <sub>4</sub>	APHA 23 <sup>rd</sup> Edition 2017 4500 -SO <sub>4</sub> <sup>2-</sup> E (Pg No. 4-199 to 4-200)	mg/L	51	200	400	400
14.	Fluoride as F	APHA 23 <sup>rd</sup> Edition 2017 4500 F-D (Pg No. 4-90 to 4-91)	mg/L	<0.1	1.0	1.5	1.5
15.	Nitrate Nitrogen as NO <sub>3</sub>	APHA 23 <sup>rd</sup> Edition - 4500 NO <sub>3</sub> - E (Pg No. 4-131 to 4-132)	mg/L	19	45	NR	NR
16.	Total Alkalinity as CaCO <sub>3</sub>	APHA 23 <sup>rd</sup> Edition 2017 2320 B (Pg No. 2-37 to 2-39)	mg/L	91	200	600	600

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ULR-TC53232500002278F

17.	Total Iron as Fe	APHA 23 <sup>rd</sup> Edition 2017 3500 B Fe B. (Pg No. 3-80 to 3.82)	mg/L	0.20	0.30	NR
18.	Nickel as Ni	APHA 23 <sup>rd</sup> Edition 3111 B. Direct Air Acetylene Flame method	mg/L	<0.01	0.02	NR
19.	Manganese as Mn	APHA 23 <sup>rd</sup> Edition 3111 B. Direct Air Acetylene Flame method	mg/L	<0.1	0.10	0.30
20.	Copper as Cu	APHA 23 <sup>rd</sup> Edition 3111 B. Direct Air Acetylene Flame method	mg/L	<0.05	0.05	1.50
21.	Zinc as Zn	APHA 23 <sup>rd</sup> Edition 3111 B. Direct Air Acetylene Flame method	mg/L	<0.1	5	15
22.	Lead as Pb	APHA 23 <sup>rd</sup> Edition 3111 B. Direct Air Acetylene Flame method	mg/L	<0.01	0.01	NR
23.	Total Coliforms	IS 15185:2016	MPN/100ml	Ab	Shall not be detectable in any 100ml sample	-
24.	E- Coli	IS 15185:2016	MPN/100ml	Ab	Shall not be detectable in any 100ml sample	-

Note: GW: Chittar

NR: No Relaxation. Ab: Absent

INFERENCE	As per Standards IS: 10500:2012 Report Status: - Measured Values for the above parameters are within the limit.
-----------	--------------------------------------------------------------------------------------------------------------------

Analyzed By  
Anusha M  
Chemist



Authorized Signatory  
K.Ramakrishna Reddy  
Technical Manager

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EC BOARD



8WMV+FFX, Vayyattupuzha, Kerala 689663, India

Latitude  
9° 20' 3.15132" N

Longitude  
76° 56' 38.10332" E

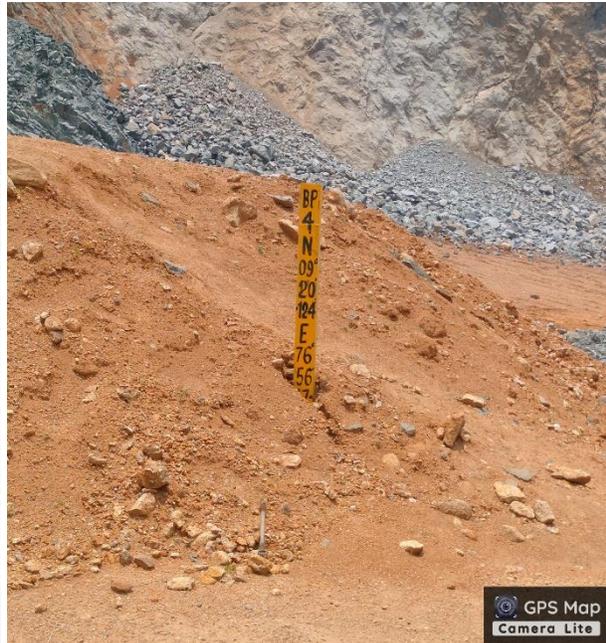
Local 12:36:40 PM  
GMT 07:06:40 AM

Altitude 89 meters  
Thursday, 20.03.2025

**BOUNDARY PILLAR & FENCING**



8WMV+FFX, Vayyattupuzha, Kerala 689663, India  
Latitude 9° 20' 0.05996" N Longitude 76° 56' 33.51818" E  
Local 11:36:19 AM Altitude 89 meters  
GMT 06:06:19 AM Thursday, 20.03.2025

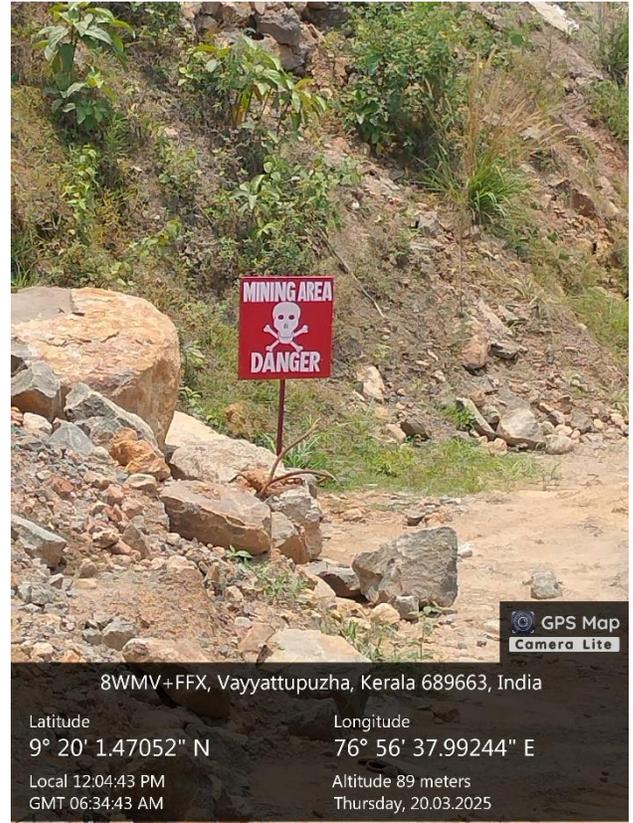


8WMV+FFX, Vayyattupuzha, Kerala 689663, India  
Latitude 9° 20' 0.39124" N Longitude 76° 56' 37.50598" E  
Local 11:59:02 AM Altitude 89 meters  
GMT 06:29:02 AM Thursday, 20.03.2025



8WMV+FFX, Vayyattupuzha, Kerala 689663, India  
Latitude 9° 19' 59.52716" N Longitude 76° 56' 32.48462" E  
Local 11:39:32 AM Altitude 89 meters  
GMT 06:09:32 AM Thursday, 20.03.2025

SIGN BOARDS





8WMV+FFX, Vayyattupuzha, Kerala 689663, India

Latitude  
9° 20' 3.15132" N

Longitude  
76° 56' 38.10332" E

Local 12:36:11 PM  
GMT 07:06:11 AM

Altitude 89 meters  
Thursday, 20.03.2025



8WMV+FFX, Vayyattupuzha, Kerala 689663, India

Latitude  
9° 20' 3.15132" N

Longitude  
76° 56' 38.10332" E

Local 12:36:21 PM  
GMT 07:06:21 AM

Altitude 89 meters  
Thursday, 20.03.2025



8WMV+FFX, Vayyattupuzha, Kerala 689663, India

Latitude  
9° 20' 0.09568" N

Longitude  
76° 56' 44.90797" E

Local 12:02:25 PM  
GMT 06:32:25 AM

Altitude 89 meters  
Thursday, 20.03.2025

MAGAZINE



8WMV+FFX, Vayyattupuzha, Kerala 689663, India

Latitude  
9° 20' 0.36092" N

Longitude  
76° 56' 44.74226" E

Local 12:02:14 PM  
GMT 06:32:14 AM

Altitude 89 meters  
Thursday, 20.03.2025



**കുറിയുടെ ഫലം** TFFY-FFTY FF-136 DRAW RESULT 16.04.2025

1st round	FF 579402 FF 579403 FF 579404 FF 579405
2nd round	FF 579406 FF 579407 FF 579408 FF 579409
3rd round	FF 579410 FF 579411 FF 579412 FF 579413
4th round	FF 579414 FF 579415 FF 579416 FF 579417
5th round	FF 579418 FF 579419 FF 579420 FF 579421
6th round	FF 579422 FF 579423 FF 579424 FF 579425
7th round	FF 579426 FF 579427 FF 579428 FF 579429
8th round	FF 579430 FF 579431 FF 579432 FF 579433
9th round	FF 579434 FF 579435 FF 579436 FF 579437
10th round	FF 579438 FF 579439 FF 579440 FF 579441
11th round	FF 579442 FF 579443 FF 579444 FF 579445
12th round	FF 579446 FF 579447 FF 579448 FF 579449
13th round	FF 579450 FF 579451 FF 579452 FF 579453
14th round	FF 579454 FF 579455 FF 579456 FF 579457
15th round	FF 579458 FF 579459 FF 579460 FF 579461
16th round	FF 579462 FF 579463 FF 579464 FF 579465
17th round	FF 579466 FF 579467 FF 579468 FF 579469
18th round	FF 579470 FF 579471 FF 579472 FF 579473
19th round	FF 579474 FF 579475 FF 579476 FF 579477
20th round	FF 579478 FF 579479 FF 579480 FF 579481
21st round	FF 579482 FF 579483 FF 579484 FF 579485
22nd round	FF 579486 FF 579487 FF 579488 FF 579489
23rd round	FF 579490 FF 579491 FF 579492 FF 579493
24th round	FF 579494 FF 579495 FF 579496 FF 579497
25th round	FF 579498 FF 579499 FF 579500 FF 579501
26th round	FF 579502 FF 579503 FF 579504 FF 579505
27th round	FF 579506 FF 579507 FF 579508 FF 579509
28th round	FF 579510 FF 579511 FF 579512 FF 579513
29th round	FF 579514 FF 579515 FF 579516 FF 579517
30th round	FF 579518 FF 579519 FF 579520 FF 579521
31st round	FF 579522 FF 579523 FF 579524 FF 579525
32nd round	FF 579526 FF 579527 FF 579528 FF 579529
33rd round	FF 579530 FF 579531 FF 579532 FF 579533
34th round	FF 579534 FF 579535 FF 579536 FF 579537
35th round	FF 579538 FF 579539 FF 579540 FF 579541
36th round	FF 579542 FF 579543 FF 579544 FF 579545
37th round	FF 579546 FF 579547 FF 579548 FF 579549
38th round	FF 579550 FF 579551 FF 579552 FF 579553
39th round	FF 579554 FF 579555 FF 579556 FF 579557
40th round	FF 579558 FF 579559 FF 579560 FF 579561
41st round	FF 579562 FF 579563 FF 579564 FF 579565
42nd round	FF 579566 FF 579567 FF 579568 FF 579569
43rd round	FF 579570 FF 579571 FF 579572 FF 579573
44th round	FF 579574 FF 579575 FF 579576 FF 579577
45th round	FF 579578 FF 579579 FF 579580 FF 579581
46th round	FF 579582 FF 579583 FF 579584 FF 579585
47th round	FF 579586 FF 579587 FF 579588 FF 579589
48th round	FF 579590 FF 579591 FF 579592 FF 579593
49th round	FF 579594 FF 579595 FF 579596 FF 579597
50th round	FF 579598 FF 579599 FF 579600 FF 579601

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 Thiruvananthapuram : 0471-2502001  
 Kollam: 9645159143, Kottayam : 9447695936

**PERSONAL**

**CHANGE OF NAME**

**CHANGE OF NAME (SPOUSE)**  
 I, SALIMMA AUGUSTINE, spouse of Ex-No 23842523, Rank: HSY Name: AUGUSTINE K JACOB resident of KOTTARATHILLO, CHERANGANAL, KOTTAPPADY(PO) Ten- Kathamangalam, Dist - Emakulam, State - Kerala, PIN - 686692, have changed my name from SALIMMA AUGUSTINE to SALIMMA AUGUSTINE vide Affidavit before Notary AM.Kurianose, M.A., LL.B. dated 08 Apr 2025. Roll No.K/35/95, Muvattupuzha.

**PUBLIC NOTICE      TENDERS**

**NOTICE**

This is to inform to the General Public that the proposed Building Stone Mine (Quarry, Minor Mineral Mining) project at Sy.No 946/2, in Chittr Village, Ranny Taluk, Pathanamthitta District, Kerala for an area of 9.7128 Ha being developed by M/s Delta Aggregates & Sand Private Limited is accorded with ENVIRONMENTAL CLEARANCE by State Environment Impact Assessment Authority (SEIAA), Kerala vide EC No. 19/2019 & File No. 235/SEIAA/KI/968/2014 dated 15.05.2019 and the copy of the Environmental Clearance is available with the office of State Environment Impact Assessment Authority, and it may also be seen on the website of the Authority at [www.seiaa.kerala.in](http://www.seiaa.kerala.in).

**THE KERALA STATE CO-OPERATIVE BANK LTD.**  
 Regional Office, Saravananthapuram, Thrissur - 686 022. Ph: 0487 2322766  
 Website: [www.keralabank.co.in](http://www.keralabank.co.in), Email ID: [bank@keralabank.co.in](mailto:bank@keralabank.co.in)

**RE-TENDERING NOTICE**  
 M/s. E-Tender (Tender ID: 2025/KSCB/00244-1) from reputed firm for Interior Furnishing, Electrical and Air conditioning works of Kerala State Co-operative Bank Ltd., Aluva Branch, Emakulam District as per the specification shown in the tender documents which can be obtained from the E-Tender website of Kerala government, ([www.e-tenders.kerala.gov.in](http://www.e-tenders.kerala.gov.in)). Last date of submission of tender 12.05.2025, 1.00 pm. For more details visit tender page of Kerala Bank website [www.keralabank.co.in](http://www.keralabank.co.in)  
 Thrissur (Sd/- General Manager) 04/04/2025 Regional Office, Thrissur

**PUBLIC NOTICE**

**NOTICE**

NOTICE is hereby given that Mr.Moni P A, S/o Madhuran, Pathapurayil, Edappanayaram P O having proposed to create an equitable mortgage in favour of the State Bank of India as security for credit facilities proposed to be granted to him by the bank through its Pathanamthitta Town Branch by depositing the original Partition Deed No.855/2024 dt. 30.04.2024 of SRO, Pathanamthitta together with the certified copy of the prior deed viz. Partition Deed No 1220/1959, dt.21.04.1959 of Pathanamthitta SRO as the original was lost irrecoverably from his predecessor being eaten by white ants leaving no remnants as informed by him. Any person or institution having custody or possession of the original of the said document or having any claim or interest in or to the said property or any part thereof by way of sale, mortgage, gift, trust, inheritance, lease, lien or otherwise are required to intimate their claim to the Pathanamthitta Town Branch of the State Bank of India within 10 (Ten) days from the date hereof as otherwise the said mortgage will be completed without any reference or regard to any such claim which will be

**ODISHA TOURISM DEVELOPMENT CORPORATION LIMITED**  
 (A GOVT OF ODISHA UNDERTAKING)  
 PANTHANWAS (OLD BLOCK), LEWIS ROAD, SHUBANESWAR-14

**INVITATIONS FOR BIDS (IFB)**      Date: 15.04.2025

Letter No. **BO IDENTIFICATION NO: RP.1/03/2025-26 dt. 15.04.2025**

The Superintending Engineer, O.T.D. Ltd., Shubaneswar, on behalf of Managing Director, OTDC Ltd invites item rate bids in Double cover system in ONLINE MODE only from interested eligible bidders having experience in the relevant field may participate in the tender process, for the work "Upgradation of Light and Sound Show at Konark" on Turnkey Basis at Konark Sun Temple, Puri, Odisha"

Bid documents such as RFP/OTCN / BOQ etc. can be seen / downloaded from the Govt. Website i.e. [www.tendersodisha.gov.in](http://www.tendersodisha.gov.in) during the period as detailed below

1. Online bids shall be received from dttd. 22.04.2025 till 12.00 hours of dttd. 06.05.2025
2. The technical bids will be opened in the office of the Superintending Engineer, OTDC Ltd, Shubaneswar at 11.30 Hours of dt. 07.05.2025
3. The authority reserves the right to reject any or all bids without assigning any reason thereof.
4. Any addendum / corrigendum / cancellation of tender can also be seen in the said website.

Sd/-  
**Superintending Engineer**

MO:148      CEPN-32882150800320

**CHENNAI CORPORATION**

**NOTICE**

Notice is hereby given that the original of the documents mentioned hereunder which is the prior deed of settlement deed No 279 of 2025 of SRO Kottayam. Additional in favor of Ajin & Pathrose, Son of Vikraman Pathrose, Kalipatturichayil, Thiruvancherur Kanj, Manarcad Village has been irretrievably lost. Ajin & Pathrose has approached State bank of India Thiruvancherur Branch for loan by mortgaging the said property, if any person whether individual, institution, banks are having any claim charge lien or any liability in respect of the said property or is in possession of the above referred original Sale Deed No 1071 of 1999 and Sale Deed No 458 of 1996 of SRO Kottayam additional as mortgage charge holder towards security of any loan or facility is hereby noticed to inform SBI Thiruvancherur Branch the existence of any of such mortgage - charge lien or claims within 15days from the date of publication of this

**Oushadhi**  
 The Pharmaceutical Corporation  
 (S.M.) Kerala Ltd.  
 (A Govt. of Kerala Undertaking)  
 Kuttanathur, Thrissur-14.  
 Ph: 0487-2450000 (30 lines)  
 Website: [www.oushadhi.org](http://www.oushadhi.org)  
 E-mail: [marketing@oushadhi.org](mailto:marketing@oushadhi.org)

**NOTICE**

54-2124      15.04.2025  
 Expression of interest is invited from experienced parties for 2025-2026 for appointment as **Liaison Agents** in different states of the country to procure order for our products. Interested parties may submit their details to the undersigned on or before 10.05.2025 4 pm. For more details visit our website [www.oushadhi.org](http://www.oushadhi.org).  
 (Sd/-) Managing Director

**THE PLANTATION CORPORATION OF KERALA LTD.**  
 A Government of Kerala Undertaking  
 Registered office: Kottayam Ltd. Bldg.  
 Phone: [www.pckl.com](http://www.pckl.com) No. 0471-2502001  
 Email: [info@pckl.com](mailto:info@pckl.com)





രീട്ടാനങ്ങൾ

- 1) ഭവനങ്ങളിലുള്ളതായാലും താഴെപ്പാലുകളിലുള്ളതായാലും കൂടിയെടുക്കുന്നതും സുസ്ഥിരമായ നല്ലതായ നിലവിലും ഭവനങ്ങളിലും നൽകാൻ രീട്ടാനം.
- 2) Green Belt നിർമ്മാണം ചെയ്തു ഭവനങ്ങളിൽ.
- 3) നിർമ്മിത പാർക്കിംഗ് സ്ഥലങ്ങളിലും കൂടുതൽ ചെയ്തു ഭവനങ്ങളിലും.
- 4) താഴെപ്പാലുകളിലും ഭവനങ്ങളിലും താഴെപ്പാലുകളിലും നൽകാൻ രീട്ടാനം.
- 5) Over-Burden നൽകുന്ന നിലയിൽ Protection wall നിർമ്മിക്കാൻ രീട്ടാനം.
- 6) Compensatory afforestation ഭവനങ്ങളിലും നൽകാൻ രീട്ടാനം.

ഭവനങ്ങളിലും കൂടുതൽ നൽകാൻ രീട്ടാനം.  
 Program meeting <sup>November</sup> Study -ൽ നൽകാൻ 10 2024  
 ഉണ്ടാൻ രീട്ടാനം.