

# FORM 1 M

A handwritten signature in purple ink, appearing to be 'S. S. S.', with a long horizontal line extending to the right.

**APPENDIX VIII**

(See paragraph 6)

**FORM 1 M**

**APPLICATION FOR MINING OF MINOR MINERALS UNDER CATEGORY 'B1'**

**(I) Basic Information**

(I) Name of the Mining Lease site: *Elakkurichi Sand Quarry Project for Restoring the Functional Efficiency of the Coleroon River*

(II) Location / site (GPS Co-ordinates) :

Survey No : 350 (Part)  
Village : Elakkurichi  
Taluk : Ariyalur  
District : Ariyalur  
State : Tamil Nadu

<b>Topo sheet No</b>	<b>58-N/ 01</b>
<b>Latitude</b>	<b>10°56'34.2967"N to 10°56'42.7622"N</b>
<b>Longitude</b>	<b>79°09'58.8679"E to 79°10'25.6369"E</b>
<b>Boundary Co-Ordinates (Plate No. II)</b>	
<i>Latitude</i>	<i>Longitude</i>
10°56'42.7622"N	79°09'59.3678E
10°56'40.7864"N	79°10'25.6369"E
10°56'34.2967"N	79°10'25.1369"E
10°56'36.2724"N	79°09'58.8679"E
Datum: UTM-WGS84, Zone 44 North	

(III) Size of the Mining Lease (Hectare): **16.00.0Ha**

(IV) Capacity of Mining Lease (TPA):

<b>Production Capacity</b>
The proposed quantity of reserves (level of production) to be mined <b>3,20,000m<sup>3</sup></b> (Above Bed Level of production of sand is 1,60,000m <sup>3</sup> up to depth for 1m and Below Bed Level of production of sand is 1,60,000m <sup>3</sup> up to depth for 1m) of Sand up to depth <b>2m</b> (1m Above bed level and 1m below Bed level for a period of Two years.

- (V) Period of Mining Lease : **Two Years**
- (VI) Expected cost of the Project : **Rs. 58,33,000/-**
- (VII) EMP Cost : **Rs. 1,50,000/-**
- (VIII) Contact Information:
- Name of the applicant : The Executive Engineer,
- Address : Water Resources Department  
Mining and Monitoring Division,  
Tiruchirappalli District- 620 020
- Phone No. : +91 98424 62467
- E-mail ID : [mmdivntry@gmail.com](mailto:mmdivntry@gmail.com)



## II. Environmental Sensitivity

Sl. No.	Areas	Distance in Kilometers / Details
1	Distance of project site from nearest rail or road bridge over the concerned River, Rivulet, Nallah etc.	Nearest Railway line is Tiruchirappalli – Mayiladuthurai Bridge 6.0km-SE 2.3km-SW
2	Distance from infrastructural facilities	Buffer Zone Area of Applied Area
	Railway line	Tiruchirappalli – Mayiladuthurai 6.0km-SE
	National Highway	(NH-36) Vikravandi – Manamadurai Road 5.0km-SE
	State Highway	(SH-22) Grand Anaicut – Kaveripattinam Road 3.0km-SE
	Major District Road	Grand Anaicut – Kaveripattinam Road 3.0km-SE
	Any Other Road	The Village Road of Vadugapalayam – Alagiyamanavalam road is situated at 130m on the Northern side of the area.
	Electric transmission line pole or tower	640m-NW
	Canal or check dam or reservoirs or lake or ponds	<b><u>Water bodies:</u></b> <ul style="list-style-type: none"> <li>➤ The applied area is located in Coleroon River</li> <li>➤ Odai – 900m-NW</li> <li>➤ Punavasal Channel – 1.10km-South</li> <li>➤ Tank – 1.20km--NW</li> <li>➤ Pullambadi canal – 2.6km-North</li> <li>➤ Kaveri River – 3.2km-South</li> <li>➤ Sukra Eri – 3.6km-NE</li> <li>➤ Manniyar Channel – 4.6km-SE</li> <li>➤ Kodamurutti River – 4.7km-South</li> <li>➤ Arasalar River – 5.5km-SE</li> <li>➤ Ponnar Canal – 7.3km-NE</li> <li>➤ Marudai River – 8.1km-NE</li> <li>➤ CRZ – 74.7km-East</li> </ul>
	In-take for drinking water pump house	Beyond 500 Meters Radius from Quarrying Proposed area
Intake for Irrigation canal pumps	Beyond 500 Meters Radius from Quarrying Proposed area	
3	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	Karaivetti Bird Sanctuary– 12.5km - NW Kodaikanal wild life Sanctuary – 177.5km - SW



4	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	<p>Alagiyamanavalam R.F – 1.3km &amp; 2.5km - NE          Kuruvadi R.F – 5.2km, 6.5km &amp; 8.0km – NE          Reserve forest – 2.1km -West          Thiruvenganur R.F., – 3.8km -West          Karaippakkam R.F., – 8.8km -West          Karaivetti Bird Sanctuary– 12.5km - NW          Kodaikanal wild life Sanctuary – 177.5km – SW</p> <ul style="list-style-type: none"> <li>➤ The applied area is located in Coleroon River</li> <li>➤ Odai – 900m-NW</li> <li>➤ Punavasal Channel – 1.10km-South</li> <li>➤ Tank – 1.20km--NW</li> <li>➤ Pullambadi canal – 2.6km-North</li> <li>➤ Kaveri River – 3.2km-South</li> <li>➤ Sukra Eri – 3.6km-NE</li> <li>➤ Manniyar Channel – 4.6km-SE</li> <li>➤ Kodamurutti River – 4.7km-South</li> <li>➤ Arasalar River – 5.5km-SE</li> <li>➤ Ponnar Canal – 7.3km-NE</li> <li>➤ Marudai River – 8.1km-NE</li> <li>➤ CRZ – 74.7km-East</li> </ul>	
5	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	None within 10 km radius	
6	Inland, coastal, marine or underground waters	➤ CRZ – 74.7km-East	
7	State, National boundaries	None within 10 km radius Karnataka Interstate boundary – 197.2km-NW	
8	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	Grand Anaicut – Kaveripattinam Road	3.0km-Se
9	Defiance installations	None within 10 km radius	
10	Densely populated or built-up area, distance from nearest human habitation	Nearest Habitation – 640m-NW	
11	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)	<ul style="list-style-type: none"> <li>➤ Government Higher School</li> <li>➤ Srividyaaram Matriculation school</li> </ul>	<p>2.1km-SW          4.3km-SE</p>
		<ul style="list-style-type: none"> <li>➤ Vaigarai trust hospital</li> <li>➤ Government Hospital - Thirumanur</li> </ul>	<p>1.4km-NW          7.5km-W</p>



		<ul style="list-style-type: none"> <li>➤ Government Music College</li> <li>➤ Mannai Narayanasamy college of Nursing</li> </ul>	<p>9.0km-SW 9.0km-SE</p>
		<ul style="list-style-type: none"> <li>➤ Periyachi Amman Temple</li> <li>➤ Murugan temple</li> </ul>	<p>1.6km-SE 1.6km-S</p>
12	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	None within 10km radius	
13	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)	None within 10km radius	
14	Areas susceptible to natural hazard which could cause the project to present environmental problems(earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	Zone III, Moderate damage risk zone as per BMTPC, Vulnerability Atlas of Seismic zone of India IS:1893 – 2002.No history of such incidents in the area	
15	Is proposed mining site located over or near fissure / fracture for ground water recharge	None	
16	Whether the proposal involves approval or clearance under the following Regulations or Acts, namely: - (a) The Forest (Conservation) Act, 1980; (b) The Wildlife (Protection) Act, 1972; (c) The Coastal Regulation Zone Notification, 2011. If yes, details of the same and their status to be given.	Not Applicable	
17	Forest land involved (hectares)	Not Applicable	
18	Whether there is any litigation pending against the project and/or land in which the project is propose to be set up? (a) Name of the Court (b) Case No. (c) Orders or directions of the Court, if any, and its relevance with the proposed project.	Not Applicable	



Date:

Place: Tiruchirappalli

**1. Signature of the proponent with Name and Full Address**



The Executive Engineer,  
Water Resources Department,  
Mining and Monitoring Division,  
Tiruchirappalli District,  
Tamil Nadu State – 620 020  
Phone No: : +91 98424 62467

**2. Signature of the Recognized Qualified Person**



Dr. M.Ifthikhar Ahmed, M.Sc., F.G.S, M.B.A., Ph.D.,  
RQP/MAS/183/2004/A

