

**OLAIPADI (WEST) LIMESTONE MINE LEASE AREA (1.14.0Ha)**

The proponent M/s. Saravana Mines & Minerals has applied for Environmental clearance for the proposed mine Limestone for over an extent of **1.14.0Ha** in **S.F.No: 202/2K (Part)** of Olaipadi (West) Village in Kunnam Taluk, Perambalur District.

**Salient features of the proposal are as follows:**

S. No	Details of the proposal	:	Data furnished																																								
1.	Name of the Owner + Firm	:	M/s. Saravana Mines & Minerals, No-1/82A, Teppakulam Post Office Street, Veppur Post, Kunnam Taluk, Perambalur District – 621 717. Mobile No. 9443733341, 9786044909.																																								
2.	Location of the mine-S.F.No.	:	S.F.Nos: 202/2K (Part) of Olaipadi (West) Village in Kunnam Taluk, Perambalur District.																																								
3.	Purpose of Application	:	It is a Limestone Mine Project in Olaipadi (West) Village.																																								
4.	Extent of quarry in Ha-	:	1.14.0Ha																																								
5.	Land use planning a) Mining b) Storage of Topsoil over burden c) Infrastructure Road d) Utilized Area Total		<table border="1"> <thead> <tr> <th>Description</th> <th>Present Area(Ha)</th> <th>Area to be reclaimed at the end of present Scheme Period (Ha) (2013-14 to 2017-18)</th> <th>Area to be reclaimed &amp; rehabilitated at the end of life of mine (Ha)</th> </tr> </thead> <tbody> <tr> <td>Mining (Quarry)</td> <td>0.52.0</td> <td>0.15.0</td> <td>0.27.0</td> </tr> <tr> <td>Waste dump</td> <td>0.03.0</td> <td>0.04.0</td> <td>0.02.0</td> </tr> <tr> <td>Office &amp; infrastructure</td> <td>-</td> <td>0.01.0</td> <td>0.01.0</td> </tr> <tr> <td>Mineral stack processing yard</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Sub grade mineral stacks</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>Mine roads</td> <td>0.10.0</td> <td>0.02.0</td> <td>0.02.0</td> </tr> <tr> <td>Area under plantation</td> <td>-</td> <td>0.07.0</td> <td>0.60.0</td> </tr> <tr> <td>Un utilized area</td> <td>0.49.0</td> <td>0.85.0</td> <td>0.02.0</td> </tr> <tr> <td><b>Total</b></td> <td><b>1.14.0</b></td> <td><b>1.14.0</b></td> <td></td> </tr> </tbody> </table>	Description	Present Area(Ha)	Area to be reclaimed at the end of present Scheme Period (Ha) (2013-14 to 2017-18)	Area to be reclaimed & rehabilitated at the end of life of mine (Ha)	Mining (Quarry)	0.52.0	0.15.0	0.27.0	Waste dump	0.03.0	0.04.0	0.02.0	Office & infrastructure	-	0.01.0	0.01.0	Mineral stack processing yard	-	-	-	Sub grade mineral stacks	-	-	-	Mine roads	0.10.0	0.02.0	0.02.0	Area under plantation	-	0.07.0	0.60.0	Un utilized area	0.49.0	0.85.0	0.02.0	<b>Total</b>	<b>1.14.0</b>	<b>1.14.0</b>	
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7.	Top soil & overburden (quantity in m <sup>3</sup> )	:	The topsoil is block cotton soil. It occurs to a depth of 1m in present scheme period.																																								
8.	Method of Mining	:	Mining operation is proposed to be carried out by manual Opencast method and proposed benches are 2.5m height and 2.5m width with 60° slope.																																								
9.	Life of Mine as per approved mining plan	:	Mining lease period is twenty years. This Scheme of mining is prepared for a period of five years 2013–14 to 2017-18.																																								

10.	Height / width of the bench	:	Height 2.5m & Width 2.5m																						
11.	Source of water / quantity required	Quantity required (in litres)	Source																						
	a. Drinking & Domestic Purpose	0.3 KLD	Packaged drinking water is available from the approved water vender																						
	b. Dust Suppression	0.3KLD	From Existing bore hole on nearby mine																						
	C. Afforestation	0.4 KLD	From Existing bore hole on nearby mine																						
12.	Waste water	:	There is no waste water.																						
	Sewage water	:	The septic tank is constructed on permanent structure with in the mine lease area.																						
	Mode of disposal	:	To local Panchyat Authority																						
13.	APC Measures	:	1.Mist Spray using water tankers, 2. Enclosed covered system. (Tarpaulin) for transportation.																						
14.	Ariel distance of nearest habitation	:	<table border="1"> <thead> <tr> <th>S. No</th> <th>Name of the Village</th> <th>Approximate Distance &amp; Direction from lease area</th> <th>Approximate population</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Kallai</td> <td>1.20km-NE</td> <td>1000</td> </tr> <tr> <td>2.</td> <td>Veppur</td> <td>1.15km-NW</td> <td>800</td> </tr> <tr> <td>3.</td> <td>Olaipadi (West)</td> <td>2km-SE</td> <td>300</td> </tr> <tr> <td>4.</td> <td>Nannai East</td> <td>2.30km-SW</td> <td>200</td> </tr> </tbody> </table>			S. No	Name of the Village	Approximate Distance & Direction from lease area	Approximate population	1	Kallai	1.20km-NE	1000	2.	Veppur	1.15km-NW	800	3.	Olaipadi (West)	2km-SE	300	4.	Nannai East	2.30km-SW	200
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15.	Ariel distance from Reserve forest, Sensitive areas, Forest, Bird sanctuaries, Wild life sanctuaries, National parks, Monuments etc., within 15km	:	Reserved forest – Nil Bird Sanctuaries – Nil Wild life sanctuaries - Nil National Park – Nil Monuments – Nil																						
16.	Land ownership document	:	It is Patta land.																						
	Own patta land	:																							
	Lease	:																							
	Govt. Poromboke	:																							
17.	Land use classification	:	It is an existing Limestone Mine Project of Olaipadi (west) Village.																						
18.	Environmental Clearance Report prepared by	:	Dr. P. Thangaraju, M.Sc., PhD, RQP/MAS/206/2007/A																						
19.	Precise area statement Approved by	:	The Mining lease was granted Proceeding vide. <b>G.O. (3D) No.29 Industries (MMA-2) Department Dated: 03.04.1998.</b>																						
20.	Approved by	:	The Scheme of Mining was approved by the Regional Controller of Mines, Indian Bureau of Mines, Chennai vide Letter. No: <b>TN/PBR/LST/MS-854.MDS, Dated: 07.06.2013.</b>																						
21.	Nearby quarries	:	There are few mines present within the radius of 500m																						
22.	Nearby lake / river/ odai / channel etc.	:	There is no Rivers/Stream, Lakes, and Reservoir within the 500m distance to the lease applied area. Tank is situated within the radius of 700m Kizhumathur Lake located in 3km away from the Northern																						

			<p>side of the area.</p> <p>Vellar River is flow on the 9km away from the Northern side of the area.</p> <p>Wellington lake located in 11km away from the Northern side of the lease area.</p>
23.	Latitude / Longitude	:	<p>11<sup>0</sup> 18'51.12''N to 11<sup>0</sup> 18'45.88''N</p> <p>79<sup>0</sup>4'29.15'' E to 79<sup>0</sup>4'24.58'' E</p>
24.	GI Sheet No.	:	58 -M/03
25.	Project Cost(Project cost +EMP cost)	:	<p><b><u>The Project cost:</u></b></p> <p>A. Fixed Asset cost = Rs. 8, 20,000/-</p> <p>B. Operational cost = Rs. 3, 75,000/-</p> <p>C. EMP cost = Rs. 2, 45,200/-</p> <p><b>Total Project cost = Rs. 14, 40,200/-</b></p> <p>The total project cost including EMP cost (A+B+C) is about <b>Rs. 14, 40,200/-</b> (Rupees Fourteen lakhs forty thousand and two hundred only)</p>
26.	EMP Cost (Capital and recurring)	:	The total EMP cost is about <b>Rs. 2, 45,200/-</b> (Rupees two lakhs forty five thousand and two hundred only)
27.	Water table	:	The Ground water is found about <b>25mt</b> depth from ground level.
28.	Interstate boundary	:	There is no interstate boundary within the radius of 15km.
29.	Western Ghats	:	There is no Western Ghats within the radius of 15km.