

**REPORT ON CHECK INSPECTION OF MELAVENKATESWARAPURAM LIMESONE MINE OF M/s. THE RAMCO CEMENTS LIMITED IN THOOTHUKUDI DISTRICT OF TAMILNADU STATE [PREPARED IN THE FORMAT, PRESCRIBED VIDE CCOM'S LETTER NO. 11013/35/MP/MISC/89-CCOM (Vol. III)] FY 2023-2024**

Name and designation of inspecting officer : G.C.SETHI, Regional Controller of Mines  
Date of Inspection : 05.04.2024

**1. General information of the mine**

(i) Name of the mine : Melavenkateswarapuram Limestone Mine  
(ii) Owner : M/s. The Ramco Cements Limited  
(iii) Nominated owner : Shri. P.R.Venketrama Raja  
(iv) Mining Engineer : Shri. N.Arimavalavan  
(v) Agent : Shri. S.Ramalingam  
(vi) Mine Manager : Shri. N.Arimavalavan  
(vii) Lease area : 98.62.0 Ha  
(viii) Location : Sennayampatti, Pudur & Nadukattur Villages, Thoothukudi Dist  
Initial grant from 29.07.1983 to 28.07.2003,  
(ix) Lease period : I Renewal from 29.07.2003 to 28.07.2023,  
II Renewal from 29.07.2023 to 28.07.2033  
(x) Date of Expiry : 28-07-2033  
(xi) Date of approval of Modified Mining Plan : -  
(xii) Date of approval of Review of Mining Plan : TN/TKD/LST/ROMP-1692.MDS dated 18-01-2023  
(xiii) Period of Mining Plan/ Review of Mining Plan : Plan Period 2023-24 to 2027-28  
(xiv) Production (Year 2023-24) : 5,99,874.12 Tonnes

**2. Brief description of the mine:**

(a) A brief description of the mine covering location, geology, problems associated with mining of the deposit etc.

(1) Location:

Name of the Mine	MELAVENKATESWARAPURAM LIMESTONE MINE
GO & Date of Grant of Lease	G.O.(MS)No.98 dated 07.9.2018
Name of the Lease Holder	M/s. The Ramco Cements Limited
Postal address	The Ramco Cements Limited, Ramasamy Raja Nagar, Virudhunagar District, Tamilnadu Phone: 04562-256201, 202 and 203 Email: saravanankmtd@ramcocements.co.in
Nearest villages	Sennayampatti, Pudur & Nadukattur
Nearest Railway station	Aruppukottai
Nearest police station	Pudur
Nearest Airport	Thoothukudi

(2) Geology:

The structure of the Melavenkateswarapuram band is completely concealed under the black cotton soil except in one or two places, where outcrops are seen. The country rock is Charnockite of Archaean age. The limestone varies from dull white to milky white and grey in colour, coarse to medium grain and is crystalline. Pyroxene granulite, Charnockite, hornblende gneiss and Syenite pegmatite occur as associated rock. The rocks have undergone repeated folding as seen from the existing quarry faces. The strike is almost East-West and the strike length of the deposit is about 2.1 K.M with width varying from 40 meters to 90 meters. The dip varies from 20 to 30 degrees towards North.

(3) Problems associated with mining of the deposit etc. –

Nil

(b) Description on deployment of mining machinery

Sl. No.	Machineries deployed	Capacity	Number of units	In use	Idle	Percentage of utilization	Brief description	Remarks
1	2	3	4	5	6	7	8	9
1	Front End Loader	3.00 Cum	1	1	-	80%	-	Contract
2	Back-Hoe	0.90 Cum	3	3	-	80%		Contract
3	Tipper	25 Ton	6	6	-	80%		Contract
4	Drill	115 mm Dia	1	1	-	80%		Contract
5	Air Compressor	400 cfm	1	1	-	80%	-	Contract

**3. Implementation of Mining Plan or Review of Mining Plan:**

Sl.No.	Proposal in the approved ROMP (period from 2023-24 to 2027-28)	Observations regarding implementation of proposals given in approved Review of Mining Plan.		Remarks/Reason for deviation
1	2	3		4
<b>(1) CONSERVATION OF MINERALS</b>				
		<b>Proposal</b>	<b>Actual</b>	
(a)	Exploration	15 Nos. of Core Borehole for a total meterage of 750 m during the year 2023-24.	34 Nos. of Core Borehole for a total meterage of 1523.80 m during the year 2023-24.	No backlog in Exploration. The entire mining lease area explored in G1 category
(b)	Utilization of sub-grade mineral	Nil	Nil	Nil
(c)	Any other proposal for monitoring	Nil	Nil	Nil
<b>(2) SCIENTIFIC MINING</b>				
(a)	Mine Development and method of mining	Conventional Method of Mining		Nil
(b)	Handling of Waste/ sub-grade material	80,000 Cum	77,572 Cum	Nil
(c)	Area reclamation & restoration	Nil	Nil	Nil
(d)	Any other proposal for monitoring	Nil	Nil	Nil

(3)	PROTECTION OF ENVIRONMENT			
(a)	Afforestation	1250 nos of saplings	1300 nos of saplings	Nil
(b)	Quality of air	Air Quality standards within the limits.		Nil
(c)	Quality of Water	Water Quality standards within the limits.		Nil
(d)	Noise level	Noise level standards within the limits.		Nil
(e)	Vibration	Vibration level standards within the limits.		Nil
(f)	Any other proposal for monitoring.	Nil		Nil

#### 4. History of Violations after approval of Mining Plan or Scheme of Mining: 2022-23

SL No.	Date of Inspection	Name of inspecting officer	Violations of MCDR, 1988 observed and pointed out	Rectification of violations	Remarks
1	2	3	4	5	6
1	07.07.2023	Shri. Matiul Islam, ACOM	Violation Letter No. TN/TKD/LST-38.MDS dated 27-07-2023	Complied	-

#### 5. Socio-Economic Development Plan: 2023-2024

Sl. No.	Proposed Action Plan towards socio-Economic Development	Expenditure proposed (In Rs. Lakh )	Expenditure Incurred (In Rs. Lakh)	Remarks
1	2	3	4	5
(1)	General Development in the area	-	-	-
	(i) Housing	-	-	-
	(ii) Water Supply	1.50	1.50	-
	(iii) Sanitation	2.00	2.00	-
	(iv) Health safety and Medical Facilities	2.00	2.00	-
(2)	Education and Training	3.00	3.00	-
(3)	Employment to local inhabitants	-	-	-
(4)	Public Transportation and communication	5.00	5.00	-
(5)	Recreation and other sports activities	5.00	5.00	-
(6)	Expenditure for environment management	1.00	1.00	-
(7)	Other	1.50	2.00	-
<b>Total</b>		<b>21.00</b>	<b>21.50</b>	

#### 6. Observations/ remarks on the earlier inspection carried out by sub-ordinate officer(s) with specific thrust on systematic and scientific mining, mineral conservation and environmental protection and other sensitive/important aspects pertaining to the mine area or surroundings (CRZ/ Western Ghats/ Wildlife Sanctuaries etc.):

1) Name of inspecting officer: Shri. Matiul Islam, ACOM

2) Date and Type of inspection: MCDR & Star Rating Inspection – 07.07.20223

3) Observations/ Remarks w.r.t. the inspection carried out by the sub-ordinate officer(s) and shortfalls in the inspection report, if any, thereof:

The Rule 11(1) of MCDR, 2017 has been pointed out by the inspecting officer and the same were compiled by the lessee.

Name of the Officer : **G.C.SETHI**  
Designation : **Regional Controller of Mines**