

REPORT ON CHECK INSPECTION OF SIVALARPATTI LIMESONE MINE-LEASE IV OF THE RAMCO CEMENTS LIMITED IN VIRUDHUNAGAR 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 : 04.04.2024

1. General information of the mine

(i) Name of the mine : Sivalarpatti Limestone Mine – Lease-IV
(ii) Owner : M/s. The Ramco Cements Limited
(iii) Nominated owner : P.R.Venketrama Raja
(iv) Mining Engineer : Shri. Godavarthy Umasankar
(v) Agent : Shri. S.Ramalingam
(vi) Mine Manager : Shri. K. Saravanan
(vii) Lease area : 7.34.0 Ha
(viii) Location : Sivalarpatti
(ix) Lease period : 50 Years
(x) Date of Expiry : 06-02-2044
(xi) Date of approval of Modified Mining Plan : -
(xii) Date of approval of Review of Mining Plan : TN/TKD/LST/ROMP-1693-MDS Dt: 21-12-2022

(xiii) Period of Mining Plan/ Review of Mining Plan : Plan Period 2023-24 to 2027-28

(xiv) Production (Year 2023-24) : 49,906.74 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	SIVALARPATTI LIMESTONE MINE-LEASE IV
GO & Date of Grant of Lease	GO.No.106 dated 18.09.2018
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: saravanankmt@ramcocements.co.in
Nearest villages	Sivalarpatti
Nearest Railway station	Aruppukottai
Nearest police station	Pudur
Nearest Airport	Thoothukudi

(2) Geology:

The structure of the Sivalarpatti 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 strike is almost NW to SE and the strike length of the deposit is about 3.70 K.M with width varying from 25 meters to 85 meters. The dip varies from 35 to 45 degrees towards NE.

(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	BACK-HOE	0.90 CUM	1	1	-	80%	-	Contract
2	TIPPER	25 TON	2	2	-	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
(1)	CONSERVATION OF MINERALS			
(a)	Exploration	Nil	Nil	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
(2)	SCIENTIFIC MINING			
(a)	Mine Development and method of mining	Conventional Method of Mining		Nil
(b)	Handling of Waste/ sub-grade material	46,674 Cum	46,400 Cum	Nil
(c)	Area reclamation & restoration	Nil	Nil	Nil
(d)	Any other proposal for monitoring	Nil	Nil	Nil

(3)	PROTECTION OF ENVIRONMENT			
(a)	Afforestation	520 nos of saplings	520 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	09.07.2023	Shri. Matiul Islam, ACOM	-	-	-

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	1.00	1.00	-
	(iii) Sanitation	0.50	0.50	-
	(iv) Health safety and Medical Facilities	0.50	0.50	-
(2)	Education and Training	1.00	1.00	-
(3)	Employment to local inhabitants	-	-	-
(4)	Public Transportation and communication	1.00	1.00	-
(5)	Recreation and other sports activities	1.00	1.00	-
(6)	Expenditure for environment management	0.50	0.50	-
(7)	Other	-	-	-
Total		5.50	5.50	

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 – 09.07.20223
- 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: Nil

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