

**INDIAN BUREAU OF MINES  
MINES CONTROL AND CONSERVATION OF MINERAL DIVISION**

**MCDR INSPECTION REPORT**

**Chennai regional office**

**Mine file No : TN/CBT/LST-2.MDS**

**Mine code : 38TMN02005**

- (i) Name of the Inspecting : (R006 ) T K RATH  
Officer and ID No.
- (ii) Designation : Regional Controller Mines
- (iii) Accompanying mine : Sh Pradeep Sahu, Chief Manager(Mines)  
Official with  
Designation
- (iv) Date of Inspection : 17/09/2013
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

- 1. (a) **Mine Name** : **MADUKKARAI(G.O.674)**
- (b) Category : A Mechanised
- (c) Type of Working : Opencast
- (d) Postal address  
State : TAMIL NADU  
District : COIMBATORE  
Village : MADUKKARAI  
Taluka : COIMBATORE  
Post office : MADUKKARAI  
Pin Code :  
FAX No. : 0422-622286  
E-mail : suresh.wandhare@acclimited  
Phone : 0422-622525
- (e) Police Station :
- (f) First opening date : 01/01/1934
- 2. Address for : M/S A.C.C LTD,  
correspondance : MADUKKARAI CEMENTS LTD,  
MADUKKARAI-641105
- 3. (a) Lease Number : TMN0003
- (b) Lease area : 29.72
- (c) Period of lease : 20
- (d) Date of Expiry : 30/01/1982
- 4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : ACC LIMITED  
MADUKKARAI CEMENT WORKS  
MADUKKARAI COIMBATORE  
TAMIL NADU  
Phone:  
FAX :

Owner : KULDIP K KAURA, ACC LTD  
Cement House, 121, Maharshi  
Road, Mumbai GREATER  
BOMBAY MAHARASHTRA  
Phone: 0422-2622286  
FAX :

Agent : A K SHRIVASTAVA, DIRECTOR  
ACC Ltd., Madukkarai Cement  
Works, MADUKARAI COIMBATORE  
TAMIL NADU  
Phone: 0422-2912202  
FAX : 0422-2622286

## Mining Engineer

Name : D.ARAVIND KUMAR, Full Time  
Qualification : BE MIN ENG  
Appointment :  
date

## Geologist

Name : J.SUSEENTHAN, Full Time  
Qualification : MSc GEOLOGY  
Appointment :  
date

6. Date of approval of Mining : 17/04/2008  
Plan/Scheme of Mining

**PART - II : TECHNICAL DETAILS/COMMENTS****1. Details about Average employment :**

Maximum number of persons employed on any day during the year

Employment category	No.of employment	Av. yearly working days
<b>DIRECT</b>		
Managerial	5	284
Others	4	284
Workers	23	284
Supervisory	5	284

2. Community Development Plan (in and around the mines) : Proposed action and expenditure towards socio-economic development.

Action during the year	Expenditure in Rs. Lakhs for				Remarks
	previous year		current year		
	Proposed	Incurred	Proposed	Incurred	
Sports activities	1.00	0.95			
Health	2.00	1.85			
Employment	4.00	3.95			
Roads	1.00	1.20			
Recreation	0.70	0.90			
Housing	12.00	8.75			
Water supply	2.00	2.00			
Environment management	10.00	9.50			
Medical facility	2.00	1.75			
Safety	1.00	0.00			
Public transport	2.00	1.95			
Sanitation	2.00	2.25			
Training	1.50	1.25			
Communication	0.50	0.51			
<b>TOTAL</b>	<b>41.70</b>	<b>36.81</b>			

3. Write up on the status of additional prospecting/exploration including progressive improvement since last inspection.

<u>RESERVE POSITION AS ON 01/04/2013</u>		
<b>LIMESTONE</b>		
Category	Quantity in Tonnes	Grade
Proved	8360000	
Probable	4140000	
Possible	14580000	
Total	27080000	

<u>PRODUCTION FOR THE PREVIOUS YEAR 2012 - 2013</u>		
Mineral	Production	Unit
LIMESTONE	303976	TON

<u>Exploration data as on 31/03/2013</u>		
No. of Boreholes	No. of Pits	No. of Trenches
0	0	0

<u>OVERBURDEN HANDLED DURING PREVIOUS YEAR 2012 - 2013</u>	
Overburden/waste removed (in m3) :	0

4. Assessment of mine development in respect of progressive improvement in scientific development of mine.

<u>PIT/UNDERGROUND DEVELOPMENT</u>			
(In meters)			
<b>Pit No. : east pit</b>			
Pit size : 600X280X67	Max. Depth : 65	Overall slope angle : 70	
	No. of benches	Average height	Average width
Overburden ->	2	9	12
Minerals ->	7	9	12
<b>Pit No. : west pit</b>			
Pit size : 1200X220X42	Max. Depth : 40	Overall slope angle : 70	
	No. of benches	Average height	Average width
Overburden ->	2	9	12
Minerals ->	7	9	12

5. Describe briefly method of mining highlighting scientific changes in the methodology of mining observed leading to over all improvement.
6. Brief description of processing/beneficiation of mineral highlighting the progressive improvement.

7. Hightlight of efforts made for conservation of mineral with reference to judicious exploitation of mineral deposit as well as utilisation of low grade mineral/mineral rejects and its stacking/preservation for use in future.

Utilisation of Sub Grade Mineral and Mineral Rejects

<u>Generated</u>	<u>Utilised</u>	<u>Stacked</u>	
			(In Ton.)

8. Hightlight of efforts made towards reclamation and rehabilitation of land degraded and progress made thereof.
9. Comments on the steps taken by the lessee towards maintaining environment and monitoring of environmental parameters to ensure the qualitative improvement in the environment and ecology.

Water Management

Season	Station type	Station name	Parameter	Value	
				Actual	Excess

Air data for excess parameters

Season	Station name	Type of area	Parameter	Value	
				Actual	Excess

PLANTATION DURING THE PREVIOUS YEAR 2012 - 2013

Area in Hect.

TOP SOIL MANAGEMENT

Quantity as on 31/03/2013

10. Status of compliance of MCDR, 1988, including therewith the rectification of the outstanding violation of rules.
11. A note on the justification in case of suspension of mining operation under rule 13(2) or prohibition of deployment of any person under rule 56 of MCDR, 1988, if recommended.
12. Scrutiny of annual returns on cost of production, reserve, production, pit mouth value, stock, land use pattern and fixed assets.

**PART - III : PERFORMANCE OF MINE OWNER**

(In case of lease expiring within 2 years - as per guidelines)

PART - IV : PROPOSALS FOR FURTHER ACTION FOR :

Indian Bureau of Mines (any issue related to CGPB, SGPB, Assistance, Consultancy, Annual Programme and studies, etc.)

NIL

State Government (Illegal mining, mining dispute, infrastructure, Mineral based industry, Mineral policy, etc.)

Indian Bureau of Mines

NIL

The Central Government (Infrastructure, Development, Mineral policy and Legislation, Mineral based industry, etc.)

NIL

(T K RATH)

Date :

Regional Controller Mines