

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

MCDR inspection REPORT

Chennai regional office

Mine file No : TN/SLM/BX--2/MDS

Mine code : 07TMN11002

- (i) Name of the Inspecting : S011) SALIL SANDIP KUJUR
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : MR. KANAN-MGR VEDANTA, MR. MANI-MGR-VEDANTA
Official with
Designation
- (iv) Date of Inspection : 02-AUG-18
- (v) Prev.inspection date : 22-MAY-12

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : SHEVAROY (193.93)
- (b) **Registration NO.** :
- (c) **Category** : A Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : TAMIL NADU
- District : SALEM
- Village : SEMMADUVU MANJAKUTTI
- Taluka : YERCAUD
- Post office : YERCAUD
- Pin Code :
- FAX No. : 04298 222215
- E-mail : masec@vedanta.co.in
- Phone : 04298304301
- (f) **Police Station** : Manjakuttai
- (g) **First opening date** : 28-NOV-62
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : The Madras Aluminium Company Ltd,
Mettur Dam, 636402, Salem
SALEM
3. (a) **Lease Number** : TMN0358
- (b) **Lease area** : 190.91
- (c) **Period of lease** : 30
- (d) **Date of Expiry** : 14-JUN-02
4. **Mineral worked** : BAUXITE Main

5. Name and Address of the

Lessee : The Madras Alluminium Co. Ltd.
P.B. No. 4, METTUR DAM
SALEM TAMIL NADU
Phone:04298304301
FAX :04298 222215

Owner : P. RAMNATH
The Madras Aluminium
Company Ltd, Mettur Dam
SALEM TAMIL NADU
Phone: 04298-304301
FAX : 04298 222215

Agent : C. MURUGESWARAN
The Madras Aluminium
Company Ltd, Mettur Dam
SALEM TAMIL NADU
Phone: 04298 222061-66
FAX : 04298 222060

Mining Engineer

Name : M. KANNAN, Full Time
Qualification : B.E. (MINING) WITH FCC
Appointment/ : 01-SEP-09
Termination date

Geologist

Name : A. MANI, Full Time
Qualification : M.Sc. (GEOLOGY)
Appointment/ : 06-OCT-95
Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	25-JUN-01
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	06-NOV-06
		Mining Scheme rule 12 MCDR1988	30-NOV-12

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	NIL
1b	Exploration over lease area for geological axis 1 or 2	NA	NA	NIL
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	NA	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	NA	NIL
1e	Balance reserve as on 01/04/20	NOT REQUIRED	NA	NIL
1f	General remarks of inspecting officers on geology, exploration etc	-	-	NIL

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	nil	nil	nil
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	na	na	nil
2c	Stripping ratio or ore to OB ratio	NA	NA	NIL, FMCP SUBMITTED
2d	Quantity of topsoil generation in m3	NIL	NIL	NIL
2e	Quantity of overburden generation in m3	NIL	NIL	NIL

2f General remarks - - FMCP APPROVED
of inspecting
officers on
development of
pit w.r.t. type
of deposit etc

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NIL	NIL	NIL
3b	Quantity of ROM mineral production proposed	NA	NA	NIL
3c	Recovery of sailable/usable mineral from ROM production	NIL	NIL	NIL
3d	Quantity of mineral reject generation	NIL	NIL	NIL
3e	Grade of mineral rejects generation and threshold value declared.	NIL	NIL	NIL
3f	Quantity of sub grade mineral generation.	NIL	NIL	NIL
3g	Grade of sub grade mineral generation	NIL	NIL	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	NIL
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NA	NIL
3j	Provision of drilling and blasting in mineral benches	NA	NA	NIL

3k	Provision of mining machineries in mineral benches	NA	NA	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	NA	NIL
3m	Total area covered under excavation/pits	NA	NA	NIL, ALL EXCAVATED AREA HAS BEEN PLANTED
3n	Ore to OB ratio for the pit/mine during the year.	NIL	NIL	NIL
3o	Total area put in use under different heads at the end of year	NA	NA	NIL
3p	Production of ROM mineral during the last five year period as applicable	NIL	NIL	NIL
3q	General remarks of inspecting officers on method of mining etc.	-	-	NIL

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NA	NA	NIL
4b	Location of topsoil, OB and mineral reject dumps	NA	NA	NIL
4c	Number of dumps within lease area and outside of lease area	NIL	NIL	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	NIL

4e	Number of active and alive dumps.	NIL	NIL	NIL
4f	Number of dead dumps.	NIL	NIL	NIL
4g	Number of dumps established.	NA	NA	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	NOT REQUIRED	NIL	NIL
4i	Length of Retaining wall or garland drain all along dumps	NA	NA	NIL
4j	Number of settling ponds	NA	NA	NIL
4k	Specific comments of inspecting officer on waste dump management	-	-	SATISFACTORY

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	YES	YES	AREA HAS BEEN MINED OUT
5b	Area under backfilling of mined out area	30.75 HA	30.75HA	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NA	NIL
5d	Total area fully reclaimed and rehabilitated	34.55HA	34.55HA	AS PROPOSED IN THE FMCP
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	SATISFACTORY

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	YES	YES SUBMITTED	NIL
6b	Area available for rehabilitation (ha) .	NA	NA	NIL, ALL AREAS HAS BEEN REHABILITATED
6c	afforestation done (ha).	100000	100000 TREES	PLANTATION HAS BEEN COMPLETED
6d	No. of saplings planted during the year	35000	35000	SATISFACTORY
6e	Cumulative no .of plants	1,00,000	1,00,000	NIL
6f	Any other method of rehabilitation	NOT APPLICABLE	NOT APPLICABLE	NIL
6g	Cost incurred on watch and care during the year	NA	NA	NIL
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	30.75 HA	30.75 HA	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	YES	YES COMPLETED	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	30.75 HA	30.75 HA	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NIL	NIL

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA	NIL
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA	NIL
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA	NIL
6p	Compliance of environmental monitoring (core zone and buffer zone)	YES	QUARTERLY DONE	NIL
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	SATISFACTORY

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL	NIL	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NIL	NIL	NIL
7c	Different grade of mineral sorted out at mines.	NIL	NIL	NIL
7d	Any beneficiation process at mines	NIL	NIL	NIL

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	NIL
----	--	---	---	-----

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	ALL TOP SOIL HAS BEEN UTILISED	ALL TOP SOIL HAS BEEN UTILISED	ALL TOP SOIL HAS BEEN UTILISED
8b	Concurrent use or storage of topsoil	NA	NA	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	YES	YES	PLANTATION AFTER LEVELING HAS BEEN DONE
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	YES	YES	COMPLETED
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	100000 SAPLING	100000 SAPLING	COMPLETED
8h	Water sprinkling on roads to control airborne dust	NOT REQUIRED	NOT REQUIRED	FMCP WORKS COMPLETED.

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	SATISFACTORY
----	---	---	---	--------------

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	SUBMITTED	NIL	NIL
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	GIVEN	NIL	NIL
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	PROVIDED	NIL	NIL
9d	Scrutiny of Annual return on afforestation	GIVEN	AS PROVIDED IN AR	NIL
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA	NA	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	NA	NIL
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NA	NA	NIL
9h	Scrutiny of Annual return on fixed assets	NA	NA	NIL
9k	Scrutiny of Annual return on mining machineries	NA	NA	NIL

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed		Show couse position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

Date :

(SALIL SANDIP KUJUR)

Indian Bureau of Mines