

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

MCDR INSPECTION REPORT

Chennai regional office

Mine file No : TN/TNL/LST-31.MDS

Mine code : 38TMN15063

- (i) Name of the Inspecting : **T003**) **S.THIRUNAVUKKARASU**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Shri.S.A.Murali owner
Official with
Designation
- (iv) Date of Inspection : 28/06/2019
- (v) Prev.inspection date : 13/09/2004

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **PANDAPULI (2.37.25 HECT.)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : TAMIL NADU
- District : TIRUNELVELI
- Village : PANDAPULI
- Taluka : SANKARANKOVIL
- Post office : PANDAPULI
- Pin Code : 626117
- FAX No. : 04560 - 23141
- E-mail :
- Phone : 04560 - 20141
- (f) Police Station :
- (g) First opening date : 17/05/1982
- (h) Weekly day of rest : SUN
2. Address for : PANDAPULI VILL
correspondance : SANKARANKOIL TK
TIRUNELVELI DT
3. (a) Lease Number : TMN0644
- (b) Lease area : 4.09
- (c) Period of lease : 20
- (d) Date of Expiry : 13/12/2018
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : M/S LOVELY CHEMICALS
43-B,VELAYUTHAM ROAD
SIVAKASI VIRUDHUNAGAR
TAMIL NADU
Phone:20141/27241
FAX :04562 - 23141

Owner : K.BALAMURUGAN,
M/S LOVELY CHEMICALS 43-B,
VELAYUTHAM ROAD SIVAKASI
THOOTHUKUDI (TUTICORIN)
TAMIL NADU
Phone: 04562 - 20141/2
FAX : 04562 - 23141

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	24/01/2005
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	10/02/2005
	:	Mining Scheme rule 12 MCDR1988	26/04/2012
	:	Mining Scheme rule 12 MCDR1988	14/01/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	Explored G1 level
1b	Exploration over lease area for geological axis 1 or 2	--	Explored G1 level	Mine not working
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	NIL	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NA	Explored G1 level
1e	Balance reserve as on 01/04/20	---	249333MT	NIL
1f	General remarks of inspecting officers on geology, exploration etc	-----	--	Mine is not working since 10.01.2017 wante of Environmental clearance

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Center of the lease are	Nil	Mine is not working
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes Proposed	Separate benches in topsoil, overburden are maintained in existing pit	Mine is not working
2c	Stripping ratio or ore to OB ratio	1: 0.42	NIL	Nine not working during plan period
2d	Quantity of topsoil generation in m3	NIL	NIL	Nine not working during plan period
2e	Quantity of overburden generation in m3	16942MT	NIL	Nine not working during plan period

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	---	--	Nine not working during plan period
----	---	-----	----	-------------------------------------

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	one	Mine not working
3b	Quantity of ROM mineral production proposed	2015-16=13759 MT 2016-17=13842 MT 2017-18=13946 MT 2018-19=13458 2019-20=1466	2015-16=12898 MT 2016-17=6756 MT 2017-18=Nil 2018-19=NIL 2019-20=Nil	Mines is not working since 10.01.2017 due to environmental Clearance
3c	Recovery of sailable/usable mineral from ROM production	2018-19=13458	Nil	Mine not working
3d	Quantity of mineral reject generation	13458 MT	NIL	Mine not working
3e	Grade of mineral rejects generation and threshold value declared.	NIL	NA	Mine not working
3f	Quantity of sub grade mineral generation.	NIL	NA	NIL
3g	Grade of sub grade mineral generation	NIL	Na	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	NIL	Mine not working
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	NA	NIL

3j	Provision of drilling and blasting in mineral benches	Yes	NIL	Mine not working
3k	Provision of mining machineries in mineral benches	NIL	NA	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NIL	NA	NIL
3m	Total area covered under excavation/pits	1.42.00 Ha	1.42.00 Ha	NIL
3n	Ore to OB ratio for the pit/mine during the year.	1: 0.42	NIL	Mine not working
3o	Total area put in use under different heads at the end of year	-----	2015-16=12898 MT 2016-17=6756 MT 2017-18=Nil 2018-19=NIL 2019-20=Nil	
3p	Production of ROM mineral during the last five year period as applicable	----	-----	Mine not working
3q	General remarks of inspecting officers on method of mining etc.			

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Northwest boundary side	Northwest boundary side	NIL
4b	Location of topsoil, OB and mineral reject dumps	Northwest boundary side	Northwest boundary side	NIL

4c	Number of dumps within lease area and outside of lease area	2 Topsoil-1 Ob -1	As per the proposal available	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Northwest boundary side	Northwest boundary side	NIL
4e	Number of active and alive dumps.	one	one	During the time of inspection no mining activity
4f	Number of dead dumps.	NIL	NA	NIL
4g	Number of dumps established.	NIL	Na	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	NA	NIL
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	NA	NIL
4j	Number of settling ponds	NIL	Na	NIL
4k	Specific comments of inspecting officer on waste dump management	-----	---	Mine not working

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.	NIL	NA	NIL
5b	Area under backfilling of mined out area	NIL	NA	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NIL	NA	NIL

5d	Total area fully reclaimed and rehabilitated	NIL	NA	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	---	---	Mine not working

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).	NIL	NIL	NIL
6b	Area available for rehabilitation (ha) .	NIL	NA	NIL
6c	afforestation done (ha).	NIL	NA	NIL
6d	No. of saplings planted during the year	15 saplings planted	NIL	Mine not working
6f	Any other method of rehabilitation	NIL	NA	NIL
6g	Cost incurred on watch and care during the year	Nil	Nil	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NIL	NA	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NIL	NA	NIL

6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	NIL	NA	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NA	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NIL	NA	NIL
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NIL	NA	NIL
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NIL	NA	NIL
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NIL	NA	NIL
6p	Compliance of environmental monitoring (core zone and buffer zone)	NIL	NA	NIL
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-----	----	Mine is not in operation

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
--------	------	-----------	-------------	---------

7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL	NA	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	MANUAL	MANUAL	ROMP APPROVED FROM 2020-21 ONWARD AS " A" (OTFM)
7c	Different grade of mineral sorted out at mines.	NIL	na	NIL
7d	Any beneficiation process at mines	NO	na	NIL
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-----	-----	Mine is not working

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes,Top soil Used for afforestation purpose	NIL	Mine not working
8b	Concurrent use or storage of topsoil	Top soil Used for afforestation purpose	NIL	Mine not working
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposed.	During the yaeear mine not working	Proposed.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NA	NIL

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	500nos.	With in the lease area	NIL
8g	Survival rate	70%	NIL	Mine is not working.
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on road to control dust as proposed	Now mines is not operation	NIL
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	---	----	aesthetic beauty in and around mines area is found satisfactory

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted	Nil return submitted	Mine not working
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Proposed	appointed	NIL
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NIL	NIL	NIL
9d	Scrutiny of Annual return on afforestation	NIL	NIL	NIL
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL	No mineral reject generation	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Given	NIL	Mine not wokng

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Given	Ex. Mine price=500 Production cost=400	NIL
9h	Scrutiny of Annual return on fixed assets	Not given	NIL	NIL
9k	Scrutiny of Annual return on mining machineries	Given	Given	NIL

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

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

Date :

(S. THIRUNAVUKKARASU)

Indian Bureau of Mines