

MCDR INSPECTION REPORT		
Pudupalayam Limestone Mine		
	Name of the inspecting	Mr.S.S.Kujur, DCOM
	Date of inspection:	17.11.2020
	Accompanied mine official and designation	Mr venketesh-GM (mines)/Mr J.Ravi-manager(geology) Mine Manager & Geologist
Mine file No.		
S.N.	Particulars	
1	Name of the Mine	Pudupalayam Limestone Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	49.28.5 Ha (Non forest Land)
3	Mine code	38TMN38053
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/638/2011
5	Name of the lessee, Address, phone, email and fax number	Pudupalayam Limestone Mine V- Floor, Auras Corporate Centre,
6	Village	Pudupalayam Limestone Mine
7	Taluka/Mandal	ALATHIYUR
8	District	Ariyalur
9	Pin code	621651
10	State	TamilNadu
11	Post office	ALATHIYUR
12	Nearest police station	ALATHIYUR
13	Nearest Railway station	PENADEM
14	Date of Grant of Mining Lease	09-01-2017
15	Date of Execution	11-01-2017
16	Date of opening of Mine	nil
17	Date of first Renewal, if applicable and its period & expiry	Nil
18	Date of second Renewal, if applicable and its period & expiry	Nil
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Nil
20	Name of the Nominated	Mr. A K SRIVASTAVA, Nominated Owner
21	Name of the Mine Agent	Shri. VENKTESH
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	nil
23	Name of the Mining	nil
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	nil
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan Approval date: TN/ALR/MP/LST/2014.MDS dated 08/03/2017

26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	nil			
27	Mineral(s) granted in lease and proved for mining	Limestone			
28	Method of Mining (Opencast, Underground)	Opencast			
29	Category (Fully Mechanised, Others or Manual)	“A” category Fully Mechanised			
30	Captive/Non Captive	Captive Purpose			
Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing					
- OBSERVATION AND COMMOND OF INSPECTING OFFICER					
<u>Exploration</u>					
S.No	Item	Proposals	Actual work		Remarks
1a	Backlog of previous year	NIL	nil		LEASE AREA IS FULLY EXPLORED
1b	Exploration over lease area for Geological axis 1 or 2.	G1	G1		Already the area had been explored under G1 category from adjacent lease bore hole
1c	Exploration Agency & Expenditure in lakh Rupees	No Proposal	Nil		
1d	Balance area to be explored to bring Geological axis in 1	No Proposal	Nil		
1e	Balance reserves as on 01.04.2020 (111+121 Category)	-	6.58 Million Tons		
1f	General comments of inspecting officer on geology, exploration etc.				MINE NOT STARTED
<u>Development</u>					
S.N.	Item	Proposals	Actual work		Remarks
2a	Location of development w.r.t. lease area (Ref With Grid)	308700E - 309000E	NIL		NIL
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	YES	NIL		mine not started
2c	Stripping ratio or ore to OB ratio	01:01.3	NIL		nil
2d	Quantity of topsoil generation in m ³	nil	NIL		TS PLANNED IN PREVIOUS YEAR
2e	Quantity of overburden generation in m ³	1664010	NIL		NIL
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.				mine not started
<u>Exploitation</u>					
S.N.	Item	Proposals	Actual work		Remarks
3a	Number of pits proposed for production	1	nil		nil
3b	Quantity of ROM mineral production proposed	1358039	nil		mine not started

3c	Recovery of salable/usable mineral from ROM production	1358039	nil	No Comments	
3d	Quantity of mineral reject generation	0	nil	Not applicable	
3e	Grade of mineral reject generation and threshold value declared	Not applicable	nil	Not applicable	
3f	Quantity of sub-grade mineral generation	Not applicable	nil	Not applicable	
3g	Grade of sub-grade mineral generation	Not applicable	nil	Not applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Not applicable	Not Applicable	Not applicable	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	Not applicable	
3j	Provision of drilling & blasting in mineral benches	NIL	Nil	Not applicable	
3k	Provision of mining machineries in mineral benches	SM-1,RB-1,SHOVEL-2,LOADER-1, DUMPERS-12	nil	combined machinery with adjacent mine.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	nil	nil	Not applicable	
3m	Total area covered under excavation/pits	nil	nil		
3n	Ore to OB ratio for the pit/mine during the year	nil	nil		
3o	Total area put in use under different heads at the end of year	NIL	nil	nil	
3p	Production of ROM mineral during last five-year period, as applicable	2016-17- 0 2017-18- 543004	nil	mine not started.	
3q	General Remarks of inspecting officer on method of mining etc.	-		mine not started.	
<u>Solid Waste Management-Dumping</u>					
S.N.	Item	Proposals	Actual work		Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	YES	nil		nil
4b	Location of topsoil, OB & mineral reject dumps (Ref to Grids)	PREPHERIAL barrier	nil		nil
4c	Number of dumps within lease area and outside lease area	1 inside	nil		nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	nil	nil		nil
4e	Number of active & alive dumps	Nil	Nil		nil
4f	Number of dead dumps	Nil	Nil		nil
4g	Number of dumps stabilised	Nil	Nil		nil

4h	Whether Retaining wall or garland drain all along dumps are there	nil	nil	nil
4i	Length of Retaining wall or garland drain all along dump	nil	nil	nil
4j	Number of settling ponds	nil	nil	nil
4k	Specific comments of inspecting officer on waste dump management			nil, mine not started
Solid Waste Management – Backfilling				
S.N.	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	nil	nil	mine not started
5b	Area under backfilling of mined out area	nil	nil	nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	nil	nil	nil
5d	Total area fully reclaimed & rehabilitated	nil	nil	nil
5e	General Remarks of inspecting officer on backfilling, reclamation etc			mine not started
Progressive Mine Closure Plan				
S.N.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly – Rule 23E(2)	nil	nil	nil
6b	i) Area available for rehabilitation (ha)	Nil	Nil	nil
6c	Afforestation done (ha)	Nil	Nil	nil
6d	No. of saplings planted during the year	nil	Nil	mine not started
6e	Cumulative no. of plants	nil	Nil	mine not started
6f	Any other specific method of rehabilitation	Not applicable	Not applicable	Nil
6g	Cost incurred on watch & care during the year	Nil	Not applicable	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii)Void filled by waste/tailings	Not applicable	Not applicable	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on the backfilled area	nil	nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Water Reservoir by make after all mineral exhausted	nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	Nil	nil	nil
6m	Compliance of Rehabilitation of waste land within lease	No waste land available	Not applicable	Not Applicable

	i) Afforestation			
6n	Compliance of Rehabilitation of waste land within lease	Nil	Nil	Not Applicable
	ii) Area rehabilitated (ha)			
6o	Compliance of Rehabilitation of waste land within lease	No waste land available	Not applicable	Not Applicable
	iii) Method of rehabilitation			
6p	Compliance of Environmental monitoring (core zone & buffer zone)	Propose to carryout Environmental monitoring both Core and Buffer Zones	nil	mine not started
6q	General remarks of inspecting officer on PMCP compliance & progressive closure operations			mine not started

Mineral Conservation : **Nil, As all ROM is transported to plant located at Govinda**

S.N.	Item	Proposals	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	Not Applicable as proposed to consume on ROM (Run of Mine) basis when mine starts	nil	nil
7c	Different grade of mineral sorted out at mines		nil	nil
7d	Any beneficiation process at mines		nil	nil
7e	General Remarks of inspecting officer on Mineral conservation & beneficiation issues			nil

Environment (2019-2020)

S.N.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	no topsoil	nil	nil
8b	Concurrent use or storage of topsoil	no topsoil	nil	nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	1- over burden Dump	nil	nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its	yes	nil	nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Restoration planned in by making water harvesting pond.	nil	nil
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	nil	nil	nil
8g	Survival rate	Proposed to maintain 90%	nil	nil
8h	Water sprinkling on roads to control airborne dust	Propose to engage Water Tanker for control airborne dust	nil	nil
8i	General Remarks of inspecting officer on aesthetic beauty in and around mines area			mine not started

Compliance of Rule 45 (2019-2020)

S.N.	Item	Comments		Remarks
9a	Status of submission of Monthly and Annual returns	not applicable	not applicable	nil
S.No.	Item			
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	nil	nil	nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area,	nil	nil	nil
9d	Scrutiny of Annual return on afforestation	nil	nil	nil
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	nil	nil	nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	nil	nil	mine not started
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	nil	nil	mine not started
9h	Scrutiny of Annual return on fixed assets	nil	nil	nil
9i	Scrutiny of Annual return on mining machineries Name of the Machinery Capacity	nil	nil	mine not started

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

violation observed-nil

show cause position-nil

S S KUJUR-DCOM(Name of inspecting officer with designation and date)