

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/KNL/LST-209/HYD

Mine code : 38APR11191

- (i) Name of the Inspecting : DP09) D.P.Ravi kumar
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : S/Shri V.Peddakonda Reddy, lessee and R.Srinivasa Re
Official with
Designation
- (iv) Date of Inspection : 17/05/2023
- (v) Prev.inspection date : 28/08/2021

PART-I : GENERAL INFORMATION

1. (a) Mine Name : V.PEDDA KONDA REDDY LIMES
- (b) Registration NO. : IBM/22171/2018
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : KURNOOL
Village : VENKATAPURAM
Taluka : BANAGANAPALLI
Post office : BANAGANAPALLI
Pin Code : 518124
FAX No. : -
E-mail : gvmreddy 99@gmail.com
Phone : cellno:9908699460, 9701392
- (f) Police Station : BANAGANAPALLI
- (g) First opening date : 12/02/2018
- (h) Weekly day of rest : SUN
2. Address for correspondence : Sri V.PeddakondaReddy, h.no.6/110
NANDAVARAM(V), BANAGANAPALLI (M)
KURNOOLDIST,, ANDHRAPRADESH-518124
3. (a) Lease Number :
(b) Lease area : 4.080 ha
(c) Period of lease : 50 YEARS
(d) Date of Expiry : 01.02.2068
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : V. PEDDAKONDAREDDY
 H.NO. 6/110, NANDAVARAM(V)
 BANAGANAPALLI (M), KURNOOL
 DISTRICT ANDHRAPRADESH
 KURNOOL ANDHRA PRADESH
 Phone: cellno; 9908699460, 9701392784
 FAX :-

Owner : Sri V. PEDDAKONDAREDDY
 H.NO, 6/110, NANDAVARAM(VILLA
 GE)
 BANAGANAPALLI (MANDAL, KURNOO
 L DIST ANDHRAPRADESH-
 KURNOOL ANDHRA PRADESH
 Phone: 9908699460, 970
 FAX : -

6. Date of approval of Mining	:	MP under 16(1) of MCR 2016	16/12/2016
Plan/Scheme of Mining	:	MP review under 17(1) MCR 2016	06/05/2022

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Gridlines between 205100 E to 205150 E	Gridlines between 205100 E to 205150 E	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal	Nil	
2c	Stripping ratio or ore to OB ratio	1: 0.11	1: 0.7	
2d	Quantity of topsoil generation in m3	No proposal	Nil	
2e	Quantity of overburden generation in m3	Nil	Not applicable	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Development and Production is being done through Mechanised means.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Pit -1	Pit-1	Nil
3b	Quantity of ROM mineral production proposed	42624 t	32750	
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	No proposal	Nil	

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	None	None	Nil
1b	Exploration over lease area for geological axis 1 or 2	4.080 ha	4.080 ha	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No Proposal	Nil	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2		Entire mineralized area explored laterally under G1 and G2 level	Entire mineralized area explored laterally under G1 and G2 level
1e	Balance reserve as on 01/04/20		Reserves as on 01.04.2023 =234976 t	Nil
1f	General remarks of inspecting officers on geology, exploration etc			The lease area is plain land. The lease area consist of two main litho units i.e. Weathered Limestone and Tuffacious Limestone and followed by Silicious Limestone. SO far 24 trial pits were dug in the lease area with size of 3 to 6 m Length, 1.5 to 5.5 m width and 2.2 to 5.5 m Depth in 50m X 50m grid interval.

Development :

3e	Grade of mineral rejects generation and threshold value declared.	Not applicable as entire ore to be produced is above threshold value for Limestone . Threshold value for Limestone is 34% CaO, 5% MgO	No mineral Reject is reported.	Nil
3f	Quantity of sub grade mineral generation.	No proposal	Nil	
3g	Grade of sub grade mineral generation	No proposal	Not applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	No such approved proposal	Nil	The grade of excavated ROM is Saleable, hence, no segregation is required
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No beneficiation study has been proposed during plan period.	Not applicable	
3j	Provision of drilling and blasting in mineral benches	No such proposal approved as the Limestone is soft and powdery in nature	No drilling and Blasting is carried out	
3k	Provision of mining machineries in mineral benches	1. Backhoe Excavator: 1.1m3 bucket capacity-one no. 2. Tippers-10 tonners-3 nos	1. Backhoe Excavator: 1.1m3 bucket capacityone no. 2. Tippers-10 tonners-3 nos	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench Height of 1.5 m using 0.9 cum capacity excavator is proposed	As proposed.	
3m	Total area covered under excavation/pits	1.680 ha	1.680 ha	
3n	Ore to OB ratio for the pit/mine during the year.	2.8 Ha	About 2.67 ha area degraded	
3o	Total area put in use under different heads at the end of year		2.96 ha	
3p	Production of ROM mineral during the last five year period as applicable	2018- 2019=54562t, 2019- 2020=57488t, 2020- 2021=64800 t, 2021- 2022=64350 t, 2022-23=42624 t	2018-19=29060 t 2019-20=36900 t 2020-21=37200 t 2021-22=26700 t 2022-23=32750 t	
3q	General remarks of inspecting officers on method of mining etc.			Opencast mechanised method of mining is being carried out using 0.9 cum capacity Excavator and 10 tonn capacity tippers.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal	No part of the lease area is completely exhausted and matured to start back filling.	
5b	Area under backfilling of mined out area	No proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Top soil to be used for Green belt developement.	Not applicable no details of Top soil generation is furnished	
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil	No part of the lease area is completely exhausted and matured to start reclamation and rehabilitation.
5e	General remarks of inspecting officers on backfilling and reclamation etc.		No part of the lease area is completely exhausted and matured to start back filling	No part of the lease area is completely exhausted and matured to start back filling

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).	Annual report on PMCP to be submitted before due date	Not submitted . Violation of rule 26(2) of MCDR 2017 hasd been issued to the lessee.	Not submitted . Violation of rule 26(2) of MCDR 2017 hasd been issued to the lessee.
6b	Area available for rehabilitation (ha) .	No area is available for rehabilitation	Nil	
6c	afforestation done (ha).	50 saplings	No plantation done, violation isissued.	No plantation done, violation isissued.

4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	There is no proposal of separate dumping of OB, Top Soil as there is no generation of OB is anticipated	Nil
4b	Location of topsoil, OB and mineral reject dumps	No top soil dump and OB dump is proposed	Nil
4c	Number of dumps within lease area and outside of lease area	No such approved proposal	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	Nil
4e	Number of active and alive dumps.	No proposal	Nil
4f	Number of dead dumps.	Nil	Nil
4g	Number of dumps established.	No proposal	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Nil
4i	Length of Retaining wall or garland drain all along dumps	No proposal	Not applicable
4j	Number of settling ponds	No proposal	Nil
4k	Specific comments of inspecting officer on waste dump management		Weathered limestone dump is established over a height of about 3 meters. Quality of the dump to be assessed for its use, if any

Solid Waste Management - Backfilling:

6d	No. of saplings planted during the year	50 saplings	No plantation done, violation is issued.	No plantation done, violation is issued.
6e	Cumulative no .of plants	about 450 plants	about 450 plants	Nil
6f	Any other method of rehabilitation	No proposal	Nil	
6g	Cost incurred on watch and care during the year		As informed by the lessee Rs.10,000 was incurred on watch and care during the year.	As informed by the lessee Rs.10,000 was incurred on watch and care during the year.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D	No proposal	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Proposal has been given in the approved document for regular monitoring of the environmental parameters in the core and buffer zone.	As proposed	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal	Nil	

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	Nil	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal	Nil	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal	Nil	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			50 saplings proposed during the year ,but not carried out the same.violation has been issued. Further, not submitted the yearly report of setting forth the extent of protective and rehabiilaltive . In this connection, violation is issued.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Entire ROM produced is to be dispatched	ROM ore produced is being dispatched.	

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No such proposal of grade wise mineral sorting is made in the approved document	Mechanised method adopted	
7c	Different grade of mineral sorted out at mines.	Manual sorting and sizing to blend the entire ore as per requirement in the market.	Work carried out as per approved proposals	
7d	Any beneficiation process at mines .	No proposal is made in the approved plan	Nil	There is no beneficiation process, only sorting and sizing done. Entire ore is being sold in the market after blending.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposal of sepearte removal of Topsoil and its utilisation for green belt development is made in the approved mining plan.	No top soil generated during the year.	
8b	Concurrent use or storage of topsoil	The top soil generated is to be utilized for plantation	No top soil is generated	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	There is no proposal of Separate dumps for overburden, waste rock, rejects and fines	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal is there for use of OB to restore the land	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal is given for phased restoration as no area is exhauste	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Plantation is scanty in the lease area and about 50 no. of sapplings to be planataion during the F.Y.2022-23	No plantation done ,accordingly, violation hasbeen issued.	No plantation done ,accordingly, violation hasbeen issued.
8g	Survival rate	70%	No plantation done ,accordingly, violation hasbeen issued.	No plantation done ,accordingly, violation hasbeen issued.
8h	Water sprinkling on roads to control airborne dust	Proposal has been given in the approved document for water sprinkling on roads to control airborne dust through the water tanker.	Water sprinkling arrangement is there to suppress the dust	

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	The existing plantation is there in the lease area to improve aesthetic beauty.
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Compliance of Rule 45:

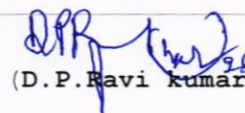
Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R./ A.R to be submitted in time	M.R./ A.R to be submitted in time	The Annual Return for the year 2022-23 is not yet furnished. so, some infromation is furnished as per the Annual return 2021-22
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mines manager: T.Venkata Ramana, Geologist:R.Sr inivasa Reddy	Mines manager: T.Venkata Ramana, Geologist:R.Srinivasa Reddy	-do-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	1) Covered under current (O/C) Workings : 2.800 Ha, 2)Occupied by Plant, Buildings residential, welfare buildings & roads =0.760 ha., other purpose (green belt) =0.510 ha.	Found in order	-do-
9d	Scrutiny of Annual return on afforestation	100 trees	During this year, lessee proposed to 50 numbers of saplings are proposed to be planted. But no plantation done .violation is issued.	-do-

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	-do-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM & Graded Ore : 180 Tonnes	As submitted by Lessee	-do-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex mine price & Sale Price : Rs. 500, Cost of Production :Rs. 340	As submitted by Lessee.	
9k	Scrutiny of Annual return on mining machineries	Tipper (5.940cum) 3 units/ nos Front end loader (2.240 cum) 1unit/nos water tanker (3000 letre)=1 unit/nos (3000 letre)=1 unit/nos	Tipper (5.940cum) 3 units/ nos Front end loader (2.240 cum) 1unit/nos water tanker (3000 letre)=1 unit/nos are being used in the lease area.	

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
MCDR17	Rule 11(1)	23/05/2023			
MCDR17	Rule 26(2)	23/05/2023			

Date :


(D.P. Ravi Kumar) 26/5/2023

Indian Bureau of Mines

