

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/KNL/L.ST-208/HYD

Mine code : 38APR11190

- (i) Name of the Inspecting : **DP09**) **D.P.Ravi kumar**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Shri B.Lakshman, Mining Engineer
Official with
Designation
- (iv) Date of Inspection : 13/03/2024
- (v) Prev.inspection date : 30/04/2022

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **VENKATAPURAM(4.990 HA)**
- (b) **Registration NO.** : **IBM/622/2011**
- (c) Category : A Other Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : ANDHRA PRADESH
District : KURNOOL
Village : VENKATAPURAM
Taluka : BANAGANAPALLI
Post office : BANAGANAPALLI
Pin Code : 518 12
FAX No. : -
E-mail : ssnreddy1971@hotmail.com
Phone : 9866194076,9704468777
- (f) Police Station : BANAGANAPALLI
- (g) First opening date : 21/03/2017
- (h) Weekly day of rest : SUN
2. Address for : W/O S.VENKATARAMIREDDY
correspondance : H.NO.6/4,PALKUR(V0BANAGANAPALLI(M)
KURNOOL DIST ,ANDHRA PRADESH
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : Smt S.KALAVATHAMMA
W/O.Sri VenkataRami Reddy
H.NO.4/6,PALKUR (V
BANAGANAPALLIU(M)KURNOOLDT
KURNOOL ANDHRA PRADESH
Phone:9866194076
FAX :-

Owner : Smt S.kALAVATHAMMA
W/O.S.VENKATARAMIREDDY
H.NO..6/4,PALKUR(V)
BANAGANAPALLI(M)KURNOOLDT
A.P, KURNOOL ANDHRA PRADESH
Phone: 9866194076
FAX : -

Mining Engineer

Name : B.LAKSHMANNA,Full Time
Qualification : B TECH MINING
Appointment/ : 01/09/2019
Termination date

Geologist

Name : R SRINIVAS REDDY,Full Time
Qualification : MSC GEOLOGY
Appointment/ : 25/01/2018
Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	13/01/2015
Plan/Scheme of Mining	:	MP review under 17(1) MCR 2016	17/05/2021

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration proposed during the year 2022-23.However, 10 boreholes which are pending for drilling from the previous years.	Ten boreholes were drilled during the year 2022-23.	None
1b	Exploration over lease area for geological axis 1 or 2	No exploration proposed during the year 2022-23.However, 10 boreholes which are pending for drilling from the previous years.	No exploration proposed during the year 2022-23.However, 10 boreholes which are pending for drilling from the previous years.	None
1c	Exploration Agencies and Expenditure in lakh rupees during the year		A total of Rs.1,50,000/- was incurred for the exploration.	No comments to offer.
1d	Balance area to be explored to bring Geological axis in 1 or 2	1.1 ha	1.1 ha	None
1e	Balance reserve as on 01/04/20		The reserves as on 1/4/2024 are 317691 tonnes	None

1f	General remarks of inspecting officers on geology, exploration etc	No exploration proposed during the year 2022-23. However, 10 boreholes which are pending for drilling from the previous years. The lease is a plain land with gentle slope towards East. The lease forms a part of Cuddapah Super group. The nature of Limestone is tuffaceous. The Limestone in the lease is soft and white in color.	No exploration proposed during the year 2022-23. However, 10 boreholes which are pending for drilling from the previous years. The lease is a plain land with gentle slope towards East. The lease forms a part of Cuddapah Super group. The nature of Limestone is tuffaceous. The Limestone in the lease is soft and white in color.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t. lease area	It was proposed to develop the mine between gridlines E 204150-204278 and N 1701060 - N1701237	The development being undertaken as proposed.	There is no deviation.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	It was proposed to develop one bench in the mineral.	One bench in the mineral developed.	None
2c	Stripping ratio or ore to OB ratio	None	Nil	As there is no topsoil in the lease., no proposal in the was made to handle the same.
2d	Quantity of topsoil generation in m3	None	None	As there is no topsoil in the lease., no proposal in the was made to handle the same.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	It was proposed to develop the mine between the gridlines as mentioned in the sub para 2.a	The mine being developed as proposed.	There is no deviation in the development of the mine.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	Nil
3b	Quantity of ROM mineral production proposed	15,000 tonnes duirng the year 2022-23	15,000 tonnes limestone produced duirng the year 2022-23	Due to less production, a violation letter under rule 11(1) of MCDR 2017 was issued to the lessee.
3c	Recovery of sailable/usable mineral from ROM production	It was proposed to recover 100% ROM	The recovery is 100% as noticed duirng the inspection.	Nil
3d	Quantity of mineral reject generation	As there is no mineral reject in the lease, no proposal was made for generation of the same.	No mineral reject generation reported duirng the year 2022-23	None
3f	Quantity of sub grade mineral generation.	There is no proposal for generation of Sub grade mineral.	No subgrade mineral was generated duirng the year 2022-23	Nil
3g	Grade of sub grade mineral generation	There is no proposal for generation of Sub grade mineral.	No subgrade mineral was generated duirng the year 2022-23	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	None	None	None

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	None	None	None
3j	Provision of drilling and blasting in mineral benches	None	None	As the limestone in the lease is tuffaceous, no proposal was made for drilling and blasting.
3k	Provision of mining machineries in mineral benches	It was proposed to use Hydraulic excavator and tippers for loading and transporting the mineral.	During the inspection, it was noticed that excavator and tippers are used for loading and transporting the mineral.	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	It was proposed to maintain a height of 6 meters.	The same was noticed during the inspection.	Nil
3m	Total area covered under excavation/pits	---	The total area covered under pits as on date of inspection was 1.90 ha	Nil
3n	Ore to OB ratio for the pit/mine during the year.	None	None	None
3o	Total area put in use under different heads at the end of year	---	The area under 1. pits - 1.90 ha 2. Roads - 0.30 ha	Nil
3p	Production of ROM mineral during the last five year period as applicable	2018-19 - 26,070 tonnes 2019-20 - 26,950 tonnes 2020-21 - 52,800 tonnes 2021-22 - 30,000 tonne 2022-23=30,000 tonne	2018-19 - 21,000 tonnes 2019-20 - 27,500 tonnes 2020-21 - 40,000 tonnes 2021-22 - 21,300 tonnes 2022-23-15000 tonnes	Due to less production during 2022-23, a violation letter under rule 11(1) of MCDR 2017 was issued to the lessee.

3q General remarks of inspecting officers on method of mining etc.

There is deviation from the proposed quantities vis-a-vis actual reported production quantities. A violation letter under rule 11(1) of MCDR 2017 was issued to the lessee.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	There is no deviation from the proposed quantities vis-a-vis actual reported production quantities.	No verburden was reported duiing the year 2022-23.	None
4b	Location of topsoil, OB and mineral reject dumps	None	None	None
4c	Number of dumps within lease area and outside of lease area	None	None	None
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	None	None	None
4e	Number of active and alive dumps.	None	None	None
4f	Number of dead dumps.	None	None	None
4g	Number of dumps established.	None	None	None

4h	Whether Retaining wall or garland drain all along dumps are there.	No proposals	Nil	Nil
4i	Length of Retaining wall or garland drain all along dumps	Not applicable	Nil	Nil
4j	Number of settling ponds	None	None	None
4k	Specific comments of inspecting officer on waste dump management		As there is no overburden proposed during the year 2022-23 no overburden was reported.	As there is no overburden proposed during the year 2022-23 no overburden was reported.

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.	There was no proposal for part or full reclamation during the year 2022-23	No part or full reclamation done during the year 2022-23.	No area was matured for reclamation in the lease.
5b	Area under backfilling of mined out area	None	None	None
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	None	None	None
5d	Total area fully reclaimed and rehabilitated	None	None	None
5e	General remarks of inspecting officers on backfilling and reclamation etc.	There was no proposal for part or full reclamation during the year 2022-23	No part or full reclamation done during the year 2022-23	No area matured for reclamation, As such no proposal was made for reclamation.

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).	---	The Annual report on PMCP submitted in time by the lessee to this office.	None
6b	Area available for rehabilitation (ha) .	None	None	None
6c	afforestation done (ha).	0.20 ha	0.20 ha	The afforestation as proposed was carried out.
6d	No. of saplings planted during the year	100 nos	100 no.s	Nil
6e	Cumulative no .of plants	---	500 nos.	Nil
6f	Any other method of rehabilitation	None	None	None
6g	Cost incurred on watch and care during the year	---	It was reported by the lessee duirng the inspection that about Rs.55,000/- was incurred as expenditure duirng the year 2022-23	None
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	None	None	None
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	None	None	None
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	None	None	None

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	None	None	None
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	None	None	None
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	None	None	None
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	None	None	None
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	None	None	None
6p	Compliance of environmental monitoring (core zone and buffer zone)	It was proposed to carry out quarterly monitoring of the environmental parameters.	The quarterly monitoring of the environmental parameters carried out regulary.	None
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	It was proposed to carry out regular afforestation and monitoring of the environmental parameters	The regular afforestation and monitoring of the environmental parameters carried out in both the core and buffer zone	of the environmental parameters being carried out in core and buffer zones and values are within the permissible range.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal was made for grade wise sorting in the lease.	No grade wise sorting noticed duirng the inspection	The entire ROM being dispatched for domestic sale.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	None	None	None
7c	Different grade of mineral sorted out at mines.	None	None	None
7d	Any beneficiation process at mines	No beneficiation was proposed.	No beneficiation was noticed duirng the inspection.	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		No grade wise sorting was proposed in the lease.The entire ROM dispatched for sale.	No grade wise sorting was proposed in the lease.The entire ROM dispatched for sale.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	There is no topsoil in the lease.As such no proposal was made to handle the same.	No topsoil was generated.	Nil
8b	Concurrent use or storage of topsoil	None	None	None
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No overburden was reported or proposed during the year 2022-23.	No overburden was reported duirng the year 2022-23	Nil

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	None	None	None
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	None	None	No area matured for reclamation.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	None	Except for the plantation made by the lessee, no other vegetation was noticed in the mining lease.	None
8g	Survival rate	75%	75%	None
8h	Water sprinkling on roads to control airborne dust	It was proposed to control the dust suppression by using water through tractor.	Same was noticed during the inspection.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	None	The overall aesthetic beauty in the lease is below average.	The lessee was advised to improve the aesthetic beauty within the lease.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	The Annual and Monthly returns are being submitted by the lessee regularly to this office	The same was noticed from records and during the inspection.	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	As per the Annual return 2020-21, Sri B.Lakshmana and Sri R.Srinivas Reddy are appointed as Mining Engineer and Geologist respectively.	The same was noticed during the inspection.	Statutory appointments as per rules were appointed in the mine.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	The area under pits as per annual return 2022-23 was Pits - 0.080 ha, Work done under PMCP =0.040 ha	The area under pits during the inspection was about 1.90 ha as on date of inspection.	
9d	Scrutiny of Annual return on afforestation	The afforestation as per annual return 2022-23 was 100 no.s	The same was noticed during the inspection.	Afforestation carried out as proposed
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	None	None	There are no mineral rejects in the lease as such no mineral reject reported
9f	Scrutiny of Annual return on ROM stock and/or graded ore	The production reported during the year 2022-23 was 15000 tonnes.	The same was noticed during the inspection.	Nil

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	The ex-mine price reported in the Annual return 2022-23 was Rs. 500 per tonnes.	The same was noticed during the inspection.	Nil
9h	Scrutiny of Annual return on fixed assets	Value for fixed assets reported in the Annual return 2022-23=Rs 776400/-	The same was not verified during the inspection.	Nil
9k	Scrutiny of Annual return on mining machineries	one Shovel 0.900 cum capacity of each type of machinery and two tippers with the capacity of 11 cum as per the annual return 2022-23.	The same was noticed during the inspection.	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
MCDR17	Rule 11(1)	08/04/2024			
MCDR17	Rule 11(1)	08/04/2024			

Date :

(D.P.Ravi kumar)

Indian Bureau of Mines