

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

**MCDR inspection REPORT
Hyderabad regional office**

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

Mine code : 38APR11193

- (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 : 14/03/2024
- (v) Prev.inspection date : 01/05/2022

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **VENKATAPURAM(7.410 HA)**
- (b) **Registration NO.** : **IBM/20649/2011**
- (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 : NANDAVARAM
- Pin Code : 518124
- FAX No. :
- E-mail : ssnreddy1971@hotmail.com
- Phone : 9704468777
- (f) Police Station : BANGANAPALLI
- (g) First opening date : 31/08/2019
- (h) Weekly day of rest : SUN
2. Address for : SRI S DINESH REDDY
correspondance : 6/4 PALKUR VILLAGE
KURNOOL DISTRICT,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 : S. DINESH REDDY
 Venkatapuram(V)
 Banaganapalli Kurnool dist
 KURNOOL ANDHRA PRADESH
 Phone:
 FAX :

Owner : Sri S. Dinesh Reddy
 Village-Venkatapuram
 Mandal-Banaganapalli
 KURNOOL ANDHRA PRADESH
 Phone:
 FAX :

Mining Engineer

Name : B.LAKSHMANNA, Full Time
 Qualification : B TECH MINING
 Appointment/ : 24/02/2020
 Termination date

Geologist

Name : R SRINIVAS REDDY, Full Time
 Qualification : MSC GEOLOGY
 Appointment/ : 29/10/2020
 Termination date

6. Date of approval of Mining	:	MP under 16(1) of MCR 2016	19/08/2016
Plan/Scheme of Mining	:	MP review under 17(1) MCR 2016	22/11/2022

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	There is no proposal for exploration during the year 2022-23.	No exploration was carried out during the year 2022-23.	The entire potentially mineralised area covered under G1 level of exploration.
1b	Exploration over lease area for geological axis 1 or 2	Nil	The entire potentially mineralised area is covered under G1 level of exploration.	No remark to be made as there is no deviation.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	None	None	None
1d	Balance area to be explored to bring Geological axis in 1 or 2	None	None	None
1e	Balance reserve as on 01/04/20		The balance of reserves as on 01/04/2023 are 816676 tones.	No remark to be made.
1f	General remarks of inspecting officers on geology, exploration etc		The entire lease area was covered under G1 level of exploration. The lessee carried out 20 trial pit during the first year of the plan period.	Nil

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	It was proposed to develop the already established pit between gridlines N418-N510 & E186-E250 between RLs 292-286 meters.	The development being carried out as proposed.	None

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	It was proposed to develop one bench in the ore.	One bench in the ore was developed.	No remark to be made as there is no deviation.
2c	Stripping ratio or ore to OB ratio	None	None	None
2d	Quantity of topsoil generation in m3	None	None	as there is no topsoil in the mining lease, no proposal was made to handle the same.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	There is no proposal for generation of overburden during the year 2022-23.	No generation of overburden was done during the period 2022-23	No remark to be made as there is no deviation.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit	One pit	Nil
3b	Quantity of ROM mineral production proposed	It was proposed to produce 46002 tonnes during the year 2022-23	The actual production reported was 18000 tonnes during the year 2022-23	For less production of limestone , 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 dispatch the entire ROM for domestic sale to the buyers	The entire ROM being dispatched for sale.	No remarks to be made.
3d	Quantity of mineral reject generation	As there is no mineral reject, no proposal was made	No mineral reject was generated.	Nil
3e	Grade of mineral rejects generation and threshold value declared.	Not applicable	Not applicable	Not applicable as there is no generation of mineral reject.

3f	Quantity of sub grade mineral generation.	None	None	None
3g	Grade of sub grade mineral generation	None	None	None
3h	Manual / Mechanised method adopted for segregating from ROM	None	None	There is proposal for manual/mechanised segregation of mineral
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	None	None	There is no proposal made for beneficiation study for subgrade mineral and rejects as there are no mineral rejects in the lease.
3j	Provision of drilling and blasting in mineral benches	There was no proposal for drilling and blasting the mineral Limestone is tuffaceous in nature and friable.	No drilling and blasting was carried out in the lease.	No remarks made. as there is no deviation.
3k	Provision of mining machineries in mineral benches	it was proposed to use Excavator and tippers for excavating and loading and transporting mineral.	The same was noticed during the inspection.	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	It was proposed work with a bench height of 6 meters.	The same was noticed during the inspection.	None
3m	Total area covered under excavation/pits	0.3485 ha ha	The total are covered under the pit was approximately 0.37 ha.	None
3n	Ore to OB ratio for the pit/mine during the year.	None	None	As there is no OB generation the ration is Nil.

3o	Total area put in use under different heads at the end of year		The area put to use under pit - 0.040 ha Infrastructure - 0.010 ha	None
3p	Production of ROM mineral during the last five year period as applicable	2019-2020: 46002T 2020-2021: 46002T 2021-2022: 46002T 2022-2023: 46002T	2019-2020: 2500 2020-2021: 10400T 2021-2022: 20100T 2022-2023: 18000T	Due to less production for the year 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.			The Mining operations are being carried out in accordance with the proposals made in the approved document.it was proposed to produce from One pit and the same was carried out.There is no generation of subgrade or mineral reject in the lease. Due to the less production during 2022-23, a violtaion letter 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)	No proposal for topsoil or waste as there is no generation of the same.	No topsoil or waste generated duirng the year 2022-23	No comments to offer.
4b	Location of topsoil, OB and mineral reject dumps	Not applicable	None	None

4c	Number of dumps within lease area and outside of lease area	-do-	-do-	-do-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	-do-	-do-	-do-
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.	None	None	None
4i	Length of Retaining wall or garland drain all along dumps	None	None	None
4j	Number of settling ponds	None	None	None
4k	Specific comments of inspecting officer on waste dump management		as there is no proposal for generation of overburden during the year 2022-23no overburden was generated. There is no topsoil in the mining lease, hence, no proposal was made for handling the same.	as there is no proposal for generation of overburden during the year 2022-23, no overburden was generated. There is no topsoil in the mining lease, hence, no proposal was made for handling the same.

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.	No proposal for reclamation was proposed	No reclamation measures were taken up during the year 2022-23	None

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.		The mining operation were started during the year 2019 and no area was matured for reclamation as on date.As such no proposals were made and reclamation activity was taken up.	The mining operation were started during the year 2019 and no area was matured for reclamation as on date.As such no proposals were made and reclamation activity was taken up.

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).		The annual report for the environment protection being submitted by the lessee regularly.	No remarks made.
6b	Area available for rehabilitation (ha) .	it was proposed to afforest about 0.45 ha during the year 2022-23	The plantation carried out by lessee by planting about 100 saplings during the year 2022-23	None
6c	afforestation done (ha).	0.45 ha	0.45 ha	Nil
6d	No. of saplings planted during the year	112 nos.	100 nos.	None
6e	Cumulative no .of plants	400 nos.	380nos.	None
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 that they incurred an expenditure of Rs.50,000/- towards watch and ward during the year 2022-23	None
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x 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) Afforestation 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 environmental monitoring of both core and buffer zones.	The environmental monitoring in both core and buffer zone carried out and the parameters are within the permissible limits.	None
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		The lessee has carried out all the environmental protection measures as envisaged in the approved document. The proposed afforestation, environmental monitoring carried out as proposed.	The lessee has carried out all the environmental protection measures as envisaged in the approved document. The proposed afforestation, environmental monitoring carried out as proposed.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	There was no proposal for grade wise sorting in the lease area.	No grade wise sorting noticed in the lease area	The entire ROM being dispatched for sale.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	There is no proposal for grade wise sorting either by manual or mechanical means.	No such sorting was noticed duiing the inspection.	None
7c	Different grade of mineral sorted out at mines.	None	None	None
7d	Any beneficiation process at mines .	No such proposal was made in the approved document.	No beneficiation process was noticed during the inspection.	No remark to be made as there is no deviation.

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	There is no grade wise sorting either by way of manual or mechanical means. The entire ROM is dispatched for domestic sale.	No remark to be made as there is no deviation.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	As there is no topsoil in the mining lease, no proposal was made.	Not Applicable	Nil
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	As there is no topsoil in the mining lease, no proposal was made for handling the topsoil.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	There was no proposal of generation of overburden during the year 2022-23	There is no generation of overburden during 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	None

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	The lease area is devoid of vegetation and it is rocky. It was proposed to carry out afforestation every year.	The lessee is carrying out the afforestation as proposed without any deviation.	No remark to be made.
8g	Survival rate	75%	75%	None
8h	Water sprinkling on roads to control airborne dust	It was proposed to carry out water sprinkling using tractor mounted water tanker for dust suppression.	The same was noticed during the inspection.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		The environmental protection measures as proposed being implemented by the lessee.	No remark to be made. as there is no deviation.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		The lessee is submitting the Annual returns and Monthly returns regularly.	The lessee is submitting the Annual returns and Monthly returns regularly.
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.	During the inspection it was observed that lessee has already appointed geologist, but a notice of the same is not submitted. In this connection, a violation of rule 55(1) of MCDR 2017 is issued the lessee for compliance.	During the inspection it was observed that lessee has already appointed geologist, but a notice of the same is not submitted. In this connection, a violation of rule 55(1) of MCDR 2017 is issued the lessee for compliance.

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	As per the annual return 2022-23: The area under pit =0.040 ha.,work done under PMCPduring the year 2022-23=0.010 ha.	Confirmed during the inspection.	None
9d	Scrutiny of Annual return on afforestation		During the year 2022-23 about 100 saplings were planted with a survival rate of 75% as noticed during the inspection.	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No mineral reject was reported during the year 2022-23 as per annual return .	No generation of mineral reject was noticed during the year 2022-23.	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	As per the Annual return 2022-23, the total ROM reported was 18000 tonnes.	Due to less production a violation letter under rule 11(1) of MCDR 2017 was issued to the lessee.	Due to less production, a violation letter under rule 11(1) of MCDR 2017 was issued to the lessee.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	The ex-mine price reported during the year 2022-23 was Rs.500/- per tonne and cost of production is Rs 201.	Same was confirmed during the inspection.	Nil
9h	Scrutiny of Annual return on fixed assets	The value of fixed assets reported was Rs.776400/-	Same was confirmed during the inspection.	Nil
9k	Scrutiny of Annual return on mining machineries	1. One Shovel(Hydraulic) with a capacity of 0.900 Cu.meters 2. Two Tippers with a capacity of 11 Cu.meters.	1. One Shovel(Hydraulic) with a capacity of 0.900 Cu.meters 2. Two Tippers with a capacity of 11 Cu.meters.	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
MCDR17 Rule 11(1)	08/04/2024				
MCDR17 Rule 55(1)(1)	08/04/2024				

Date :

(D.P.Ravi kumar)

Indian Bureau of Mines