

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/KNL/LST-137/HYD

Mine code : 38APR11079

- (i) Name of the Inspecting : **DP09**) **D.P.Ravi kumar**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Shri S.P.Srinath Reddy, lessee's representative
Official with
Designation
- (iv) Date of Inspection : 14/03/2024
- (v) Prev.inspection date : 30/08/2023

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **VENKATAPURAM (S.NO 76)**
- (b) **Registration NO.** : **IBM/20003/2015**
- (c) **Category** : **A Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
State : **ANDHRA PRADESH**
District : **KURNOOL**
Village : **VENKATPURAM**
Taluka : **DHONE**
Post office : **YENKENDLA**
Pin Code : **518222**
FAX No. : **N.A**
E-mail : **kranthiindustriesbpl@gmail**
Phone : **440529617 (CELL),901437777**
- (f) **Police Station** : **BANAGANAPALLI**
- (g) **First opening date** : **13/03/2000**
- (h) **Weekly day of rest** : **SUN**
2. **Address for** : **SRI BHRAMESWARA REDDY**
correspondance : **KOLUMULAPALLI (PO)**
BETHAMCHERLA (M), KURNOOL DISTRICT.
3. (a) **Lease Number** : **APR1435**
- (b) **Lease area** : **.64**
- (c) **Period of lease** : **50**
- (d) **Date of Expiry** : **09/03/2050**
4. **Mineral worked** : **LIMESTONE** **Main**

5. Name and Address of the

Lessee : BHRAMESWARA REDDY
 MINE OWNER KOLUMULAPALLI
 (P.O.) BETHAMCHERLA (M)
 KURNOOL ANDHRA PRADESH
 Phone:9440529617 (CELL)
 FAX :

Owner : BHRAMESWARA REDDY
 KOLUMULAPALLI (P.O)
 BETHAMCHERLA (M) KURNOOL
 ANDHRA PRADESH
 Phone: 9440529617 (CEL
 FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	17/11/1999
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	11/11/2016
		MP modif under 17(3) MCR 2016	27/11/2019
		MP modif under 17(3) MCR 2016	28/06/2022

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	None	None	None
1b	Exploration over lease area for geological axis 1 or 2	G1 Scale	G1 Scale	Nil
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	Nil	Most of the area is being explored under G-1 level of exploration
1e	Balance reserve as on 01/04/20	366230 T	366230 T	Nil
1f	General remarks of inspecting officers on geology, exploration etc			The mineral deposit occurring in the mining lease area is tuffaceous limestone with uniform deposition from 1 to 7 m depth. The mineral deposit occurring in the mining lease area is tuffaceous limestone with uniform deposition from 1 to 7 m depth.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	To develop the mine in C-C' section	Working is being carried out within C-C' section within the proposed area.	Nil

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	It was proposed to develop two benches in the ore	Made as per proposal	Nil
2c	Stripping ratio or ore to OB ratio	Nil	Nil	Total ROM is being dispatched
2d	Quantity of topsoil generation in m3	Nil	Nil	None
2e	Quantity of overburden generation in m3	No proposal	Nil	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mining operations are being carried out in B-B' and CC' section within the proposed area. The deposit is uniform and the mineral is tuffaceous Limestone which was proved up to 8m depth. Pit is well developed by maintaining 3 to 3.5 m bench ht.

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	30000 t of Limestone	31160 t of Limestone upto 01/04/2023	Nil
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	Nil
3d	Quantity of mineral reject generation	No proposal	Nil	Nil

3e	Grade of mineral rejects generation and threshold value declared.	+35% Cao	+35% Cao	No comments offered.
3f	Quantity of sub grade mineral generation.	Nil	Nil	None
3g	Grade of sub grade mineral generation	Not Applicable	Nil	None
3h	Manual / Mechanised method adopted for segregating from ROM	No seggregation is proposed	Nil	No seggregation is proposed
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Nil	Nil
3j	Provision of drilling and blasting in mineral benches	No drilling and Blasting was proposed as the ore is soft and powdery in nature	Nil	Nil
3k	Provision of mining machineries in mineral benches	1-Excavater - 0.9 cm.b 2-Tippers 10 tonne capacity	1-Excavater - 0.9 cm.b 2-Tippers 10 tonne capacity	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, 3m bench ht and width is more than height in Mineral. There is no overburden	There is no overburden. In Mineral, 3m bench ht and width is more than height .	Nil
3m	Total area covered under excavation/pits	2.202Ha	2.202Ha	Nil
3n	Ore to OB ratio for the pit/mine during the year.	Nil	Nil	None

3o	Total area put in use under different heads at the end of year	Mining-1.624ha Stock-0.05ha Roads-0.03ha Backfilled0.079ha Others-0.469ha	Mining-1.624ha Stock-0.05ha Roads-0.03ha Backfilled-0.079ha Others-0.469ha	Nil
3p	Production of ROM mineral during the last five year period as applicable	2022-23=30000 t, 2021-22=30001 tonnes 2020-21-30000 tons, 2019-20-33921 tons, 2018-19-30590	2022-23= 31160 tonnes 2021-22-30120 tons,, 2020-21-30850 tons, 2019-20-30200 tons, 2018-19-15215tons	A violation letter of rule 11(1) of MCDR 2017 for excess production during 2022-23 has been issued to the lessee.
3q	General remarks of inspecting officers on method of mining etc.		Mining operations are being carried out within the approved proposals by maintaining 2 benches of 3 to 3.5 m height and width more than height by mechanised method.	Mining operations are being carried out within the approved proposals by maintaining 2 benches of 3 to 3.5 m height and width more than height by mechanised method.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	It was proposed to utilize major part of the road maintenance	Utilized for road maintenance and making bund in boundary line	Nil

4b	Location of topsoil, OB and mineral reject dumps	No proposal was given for storage of topsoil and mineral reject and it was propose to use major part of the OB for road maintenance and some quantity to be dumped In the North-eastern part of the lease area near BP-B.	Utilised completely for road maintenance and top soil stacked seperatly at 7.5 mts buffer zone and plantation was formed on it.	Nil
4c	Number of dumps within lease area and outside of lease area	One within the lease area	No waste dump formed completely utilized for making roads in lease boundary.	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Latitude 15°22'02 Longitude 78°15'11 Piller no 3	No waste dump formed completely utilized for making roads in lease boundary.	Nil
4e	Number of active and alive dumps.	Nil	No waste dump formed completely utilized for making roads in lease boundary.	No waste dump formed completely utilized for making roads in lease boundary.
4f	Number of dead dumps.	Nil	Nil	None
4g	Number of dumps established.	Nil	Nil	None
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Nil	None

4i	Length of Retaining wall or garland drain all along dumps	<p>Not applicable Nil</p> <p>Utilised completely for road maintenance and top soil stacked seperatly at 7.5 mts buffer zone and plantation was formed on it. No waste dump formed completely utilized for making roads in lease boundary. No waste dump formed completely utilized for making roads in lease boundary. No waste dump formed completely utilized for making roads in lease boundary. Nil Nil</p>	Nil
4j	Number of settling ponds	No propsal Nil	Nil
4k	Specific comments of inspecting officer on waste dump management		No waste and top soil is being generated, hence there is no waste dump and top soil dump and its management.

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	Nil	Nil
5b	Area under backfilling of mined out area	No proposal	Nil	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	Nil	Nil
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No back filling was done during the plan period. However, prior to the starting of plan period, the area near boundary pillar No.3 was back filled in the 7.5m safety zone.

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).	Annau report on PMCP is to be submitted	Annau report on PMCP was submitted and the information has been cross verified.	Nil
6b	Area available for rehabilitation (ha) .	No proposal	Nil	Nil
6c	afforestation done (ha).	0.125 ha	0.12 5 ha	Nil

6d	No. of saplings planted during the year	50 saplings	50 saplings	No deviation observed.
6e	Cumulative no .of plants	270 saplings	300 saplings	Nil
6f	Any other method of rehabilitation	No proposal	Nil	Nil
6g	Cost incurred on watch and care during the year	No proposal	Nil	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No proposal	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal	Nil	Nil

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	Nil	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal	Nil	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Regular quarterly monitoring is to be done in core and buffer zone	Regular quarterly monitoring is being done in core and buffer zone	All the parameters are within the prescribed limit
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Plantation done in 0.125 ha area and regular monitoring of Air, water and Noise is being carried out

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No grade wise sorting is proposed	Total ROM is being dispatched from the mine.	Total ROM is being dispatched from the mine.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	Nil	Nil

7c	Different grade of mineral sorted out at mines.	No proposal	Nil	Nil
7d	Any beneficiation process at mines .	No proposal	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Entire ROM produced is being dispatched. No beneficiation is required for this type of deposit.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed to remove top soil and utilaised for plantation	Utilaised in buffer zone and plantation has been made on it	Nil
8b	Concurrent use or storage of topsoil	Not proposed	Nil	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	Nil	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	None

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	50 saplings were proposed to plant	50 saplings were planted	No deviation.
8g	Survival rate	50%	50%	Nil
8h	Water sprinkling on roads to control airborne dust	Proposed water sprinkling on haul roads	Proposed water sprinkling on haul roads	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Plantation is being done to improve the aesthetic beauty.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR submitted up to March 2024 and AR submitted for the year 2022-23	MR submitted up to March 2024 and AR submitted for the year 2022-23	A violation letter for rule 11 (1) of MCDR 2017 for excess production during 2022-23 has been issued to the lessee.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager: Shri G.Suresh Babu Mining Engineer: Nil Geologist: Nil	Manager: Shri G.Suresh Babu Mining Engineer: Shri K.Viswanath Reddy Geologist: Shri G.Harendra	Lessee was advised to incorporate the details of Mining engineer and geologist in the annual return.

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under mining roads & others purpose-0.030 Ha.	The same is observed during the inspection.	Nil
9d	Scrutiny of Annual return on afforestation	50 saplings	50 saplings	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	None
9f	Scrutiny of Annual return on ROM stock and/or graded ore	1564 t (closing stock)	Production and dispatch and remaining stack was almost tallying.	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex -mine price: 300	Data given in the annual returns is almost tallying.	Nil
9h	Scrutiny of Annual return on fixed assets	Nil	Nil	None
9k	Scrutiny of Annual return on mining machineries	one number of air compressor= 140 Cum/mn capacity and one shovel (hydraulic) of 9 cum capacity.	one number of air compressor= 140 Cum/mn capacity and one shovel (hydraulic) of 9 cum capacity.	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)	02/05/2024			

Date :

(D.P.Ravi kumar)

Indian Bureau of Mines