

### MCDR INSPECTION REPORT

S.No.	Particulars	Details
1	Name of the Mine	Hanuman Dolomite and Iron Ore Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	12.662 ha.
3	Minecode	19APR11026
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/302/2011
5	Name of the lessee, Address, phone, email and fax number	Smt. D. Venkata Subbamma Chinna Malkapuram (Post) – 518 222, Dhone Mandal, Kurnool District. Andhra Pradesh State. Mobile No. 94905 42687 Email ID : dvs2208@gmail.com
6	Village	Valasala
7	Taluk/Mandal	Dhone
8	District	Kurnool
9	Pincode	518 222
10	State	Andhra Pradesh
11	Post office	Valasala
12	Nearest police station	Valasala
13	Nearest Railway station	Dhone
14	Date of Grant of Mining Lease	24.12.1997
15	Date of Execution	24.12.1997
16	Date of opening of Mine	24.12.1997
17	Date of first Renewal, if applicable and its period & expiry	04-06-2021
18	Date of second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	09-02-2023
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Smt D. VENKATA SUBBAMMA, W/o D. Krishna Reddy, H.No.6-62, Subbareddy Colony, Chinna Malkapuram (Post) – 518 222, Dhone Mandal, Kurnool District. Andhra Pradesh State. Mobile No. 94905 42687 Email ID : dvs2208@gmail.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	V Balaram H.No 9-7, Valasala Village Malkapuram Village Dhone Kurnool
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	V Balram H.No 9-7, Valasala Village Malkapuram Village Dhone Kurnool Date of appointment : 09.02.2023
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	P.BharathKumar, Geologist, H.No.6-62, Subbareddy Colony, Chinna Malkapuram (Post) – 518 222, Dhone Mandal, Kurnool District. Andhra Pradesh State. Date of appointment: 09.02.2023

25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	SOMP: 03.09.2010, RMP: 21.05.2021, MMP: 29.07.2021
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	RMP 21-04-2022 for five years from 2022-23 to 2026-27.
27	Mineral(s) granted in lease and proved for mining	Iron Ore & Dolomite
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanised, Others or Manual)	Mechanized
30	Captive/ Non captive	Non Captive
31	Date of inspection	23.01.2025 ( MCDR)

**Scientific Mining:** Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

### Exploration

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	None	None	----
1b	Exploration over lease area for Geological axis 1 or 2.	It was proposed during the year 2023-24, 10 nos. of boreholes with total meterage of 200m	None of the boreholes drilled during the year 2023-24	A violation letter was issued to the lessee on 13.02.2025.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Lessee with the help of Geologist	---	A violation letter was issued to the lessee on 13.02.2025.
1d	Balance area to be explored to bring Geological axis in 1 or 2	2.81 ha	2.00 ha	Less production achieved against proposals. A violation letter was issued to the lessee for less production.
1e	Balance reserves as on 01.04.2024		386432 t	Nil
1f	General remarks of inspecting officer on geology, exploration etc.	--	--	A violation letter was issued for rule 11(1) of MCDR 2017 for non-compliance of proposed bore holes.

## Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	South - east of the lease area.	Development carried out as proposed.	None
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	It has been proposed to form separate benches in Ore and Overburden with 3m height.	Benches have been formed as proposed in the approved document.	Nil
2c	Stripping ratio or ore to OB ratio	1:0.22	1:0.10	Owing to less production, the anticipated development has not been achieved and hence less stripping ratio.
2d	Quantity of topsoil generation in m3	No proposal	Nil	Nil
2e	Quantity of overburden generation in m3	No proposal	Nil	Nil
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Nil	Development is carried out by opencast mining method as proposed	Development is carried out by opencast mining method as proposed.

## Exploitation

S.N.	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	One	One	No deviation
3b	Quantity of ROM mineral production proposed	70992 t	500 t	As the production is less than 50%,a violation letter issued to the lessee
3c	Recovery of salable/usable mineral from ROM production	70992 t	500 t	As the production is less than 50%,a violation letter issued to the lessee
3d	Quantity of mineral reject generation	No proposal	None	Nil
3e	Grade of mineral reject generation and threshold	No proposal	None	Nil

	value declared			
3f	Quantity of sub-grade mineral generation	No proposal	None	Nil
3g	Grade of sub-grade mineral generation	No proposal	None	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	Nil
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	None	None	Nil
3j	Provision of drilling & blasting in mineral benches	Yes	Yes	Nil
3k	Provision of mining machineries in mineral benches	Yes	Yes	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 3 m	same was noticed during the inspection.	Nil
3m	Total area covered under excavation/pits	2.81 ha.	2.00 ha.	Nil
3n	Ore to OB ratio for the pit/mine during the year	1:0.22	1:0.10	Due to less development .
3o	Total area put in use under different heads at the end of year	7.00 ha	6.46	Nil
3p	Production of ROM mineral during last five-year period, as applicable	2019-20=Nil 2020-21=71010 t 2021-22=17505 t 2022-23=71010 t 2023-24=70992 t	2019-20=Nil 2020-21=Nil 2021-22=Nil 2022-23=59277 t 2023-24=500t	Due to Statutory requirement, the mine was not in operation for a long time.
3q	General remarks of inspecting officer on method of mining etc.	It was proposed by the lessee to produce 70992 t.	The lessee has produced 500 t for the year 2023-24.	A violation letter issued. Further, Production is carried out from one pit by opencast mining method as proposed.

### **Solid Waste Management-Dumping**

<b>S.N.</b>	<b>Item</b>	<b>Proposals</b>	<b>Actual work</b>	<b>Remarks</b>
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	There is no proposal of generation of top soil. The overburden is proposed to dump	same was noticed during the inspection	Nil
4b	Location of topsoil, OB & mineral reject dumps	No top soil proposed during the year 2023-24	Nil	Nil

4c	Number of dumps within lease area and outside lease area	05(small dumps)	05(small dumps)	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	The dumps are beyond ultimate pit limit(UPL)	The dumps are beyond ultimate pit limit(UPL)	Nil
4e	Number of active & alive dumps	05	05	Nil
4f	Number of dead dumps	Nil	Nil	Nil
4g	Number of dumps stabilized	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there	No proposal	Nil	Nil
4i	Length of Retaining wall or garland drain all along dump	Not applicable	Nil	Nil
4j	Number of settling ponds	No proposals	NA	Nil
4k	Specific comments of inspecting officer on waste dump management.		The Overburden is dumped on the existing dump with in the ML area as envisaged in the approved document.	The Overburden is dumped on the existing dump with in the ML area as envisaged in the approved document.

### **Solid Waste Management-Backfilling**

<b>S.N.</b>	<b>Item</b>	<b>Proposals</b>	<b>Actual work</b>	<b>Remarks</b>
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	There was no proposal for backfilling or reclamation during the year 2023-24.	Nil	Nil
5b	Area under backfilling of mined out area	No proposals	Nil	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposals	Nil	Nil
5d	Total area fully reclaimed & rehabilitated	No proposals	Nil	Nil
5e	General remarks of inspecting officer on backfilling, reclamation etc		No area matured for reclamation purpose during the year 2023-24.	No area matured for reclamation purpose during the year 2023-24.

## Progressive Mine Closure Plan

S. No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E(2). Details should be given in the format as given in Annexure-20.	PMCP report to submitted before 1 st July	Submitted.	No deviation.
6b	Management of Worked / Mined out benches 1) Area available for rehabilitation (ha)	No proposal	Nil	Nil
	2) Afforestation done (ha)	No proposal	Nil	Nil
	3) No. of saplings planted during the year	No proposal	Nil	Nil
	4) Cumulative no. of plants	No proposal	Nil	Nil
	5) Any other specific method of rehabilitation	No proposal	Nil	Nil
	6) Cost incurred on watch & care during the year	No proposal	Nil	Nil
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D)	No proposal	Nil	Nil
	ii) Void filled by waste/tailings	No proposal	Nil	Nil
	iii) Afforestation on the backfilled area	No proposal	Nil	Nil
	iv) Rehabilitation by making water reservoir	No proposal	Nil	Nil
	v) Any other specific means	No proposal	Nil	Nil
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Nil	Nil	Nil
6e	Compliance of Environmental monitoring (core zone & buffer zone)	It was proposed to carry out quarterly monitoring of the	Regular quarterly monitoring of environmental parameters	No deviation.

		environmental parameters.	being carried out and the all the parameters are within permissible limits.	
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations		The lessee is implementing all the proposals as made in the approved document related to Progressive Mine closure.	No deviation.

### **Mineral Conservation**

<b>S.No.</b>	<b>Item</b>	<b>Proposals</b>	<b>Actual work</b>	<b>Remarks</b>
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No grade wise sorting proposed.	No such activity noticed during the inspection.	No comments.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	Nil
7c	Different grade of mineral sorted out at mines	>45%	>45%	Nil
7d	Any beneficiation process at mines	There is no proposal for any beneficiation at mines.	There is no proposal for any beneficiation at mines.	No deviation noticed.
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues		No beneficiation process proposed in the earlier approved RMP.	No beneficiation process proposed in the earlier approved RMP.

### **Environment**

<b>S.N.</b>	<b>Item</b>	<b>Proposals</b>	<b>Actual work</b>	<b>Remarks</b>
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	Nil	Nil
8b	Concurrent use or storage of topsoil	No proposal	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	No such proposal is made in approved document	Nil	Nil

	use			
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No such proposal is made in approved document	Nil	Nil
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Plantation is proposed about 150 nos. of saplings.	plantation has been done 200 nos. of saplings.	During the year 2023-24, 200 nos of saplings planted all along the Mining lease boundary.
8g	Survival rate	60%	90%	Nil
8h	Water sprinkling on roads to control airborne dust	water sprinkling on haul roads for dust suppression is proposed.	Water sprinkling is being carried out periodically to arrest air born dust.	No deviation
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Lessee is implementing all the measures related to maintaining environmental balance.	Aesthetic beauty in and around the mines area is maintained.

### **Compliance of Rule 45**

<b>S.N.</b>	<b>Item</b>	<b>Proposals</b>	<b>Actual work</b>	<b>Remarks</b>
9a	Status of submission of Monthly and Annual returns	Monthly and annual returns are to be submitted as per rule 45 of MCDR, 2017	Submitted	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes	During the site inspection it was observed that the lessee has appointed Mining Engineer and Geologist. V.Balaram, Mining engineer and P..Bharathkumar , geologist.	During the site inspection it was observed that the lessee has appointed Mining Engineer and Geologist . V.Balaram, Mining engineer and P..Bharathkumar, geologist
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(i) Covered under current (O-C) Workings 6.463 ha,(iv) Used for waste	found to be in order.	Nil

		disposal 0.816 ha,(v) Occupied by plant, buildings, residential, welfare buildings and roads 0.127 ha etc.,		
9d	Scrutiny of Annual return on afforestation	150 nos. of saplings	found to be in order.	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	None	None	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM closing stock:1000 t	found to be in order	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex mine price: 463.67	found to be in order	Nil
9i	Scrutiny of Annual return on fixed assets	Nil	None	Nil
9k	Scrutiny of Annual return on mining machineries	i)Shovel(Hydraulic =01no. ii) Tipper=01 no. iii) Water tanker=01 nos. iv) Air compressor: 01 no.	found to be in order.	Nil

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

Violation observed			Show cause position		
Rule No.	Issued on	Compliance on	Rule No.	Issued on	Compliance on
11(1)	13.02.2025				

Date: 17.02.2025.

(D.P.RAVILUMAR)  
Junior Mining Geologist

**(Name of inspecting officer with designation and date)**