

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

**MCDR inspection REPORT  
Hyderabad regional office**

**Mine file No :** AP/ADB/MN-27/HYD

**Mine code :** 40APR01016

- (i) Name of the Inspecting : 25 ) SHRI IBRAHIM SARIF  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : SRI SURESH AGARWAL , LESSEE  
Official with  
Designation
- (iv) Date of Inspection : 03-JAN-21
- (v) Prev.inspection date : 10-MAR-17

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : CHANDA(39.15 HA)
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : TELANGANA
- District : ADILABAD
- Village : CHANDA
- Taluka : ADILABAD
- Post office : CHANDA
- Pin Code : 504001
- FAX No. :
- E-mail :
- Phone : 08732 230751, 9849204381
- (f) **Police Station** :
- (g) **First opening date** : 01-AUG-09
- (h) **Weekly day of rest** : SUN
2. **Address for** : SRI. SURESH AGARWAL, C/O. JAGADAMBA OIL MILL  
**correspondance** RAMPUR(V), PONNARI ROAD  
ADILABAD DIST
3. (a) **Lease Number** : APR2410
- (b) **Lease area** : 39.15
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 02-FEB-29
4. **Mineral worked** : MANGANESE ORE Main

## 5. Name and Address of the

Lessee : SURESH AGARWAL  
C/O JAGADAMBA OIL MILLS,  
RAMPUR (V), PONNARI ROAD  
ADILABAD ADILABAD TELANGANA  
Phone:08732-230751,9849204381  
FAX :

Owner : SURESH AGARWAL  
C/O JAGADAMBA OIL MILL,  
RAMPUR (V), PONNARI ROAD  
ADILABAD ADILABAD TELANGANA  
Phone: 9849204381  
FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	31-JAN-06
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	19-SEP-14
	:	MP review under 17(1) MCR 2016	30-JUL-19

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Six Trial pits	Nil	Lessee has committed to carry out exploration by 07 DTH bore Holes and 2 trial pits in the year 2020-21
1b	Exploration over lease area for geological axis 1 or 2	No proposal during the year	Nil	So far exploration carried out in the lease area is in G1 scale : 14.85 Ha, G2 scale: 4.30 Ha
1c	Exploration Agencies and Expenditure in lakh rupees during the year	---	Nil during the year	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal during the year	Nil	About 20.12 Ha is to be explored
1e	Balance reserve as on 01/04/20	Reserves as on 01.04.2019 111-100890 Tonnes 122-65864 Tonnes Total : 1,66,754 Tonnes Production proposed for the year 2019-20 :- 1283 Tonnes Balance reserves : 165471 Tonnes	Reserves as on 01.04.2019 111-100890 Tonnes 122-65864 Tonnes Total : 1,66,754 Tonnes Reserves depleted during the year 2019-20 :-34 Tonnes Balance reserves : 1,66,532 Tonnes	

1f	General remarks of inspecting officers on geology, exploration etc	So far exploration carried out in the lease area is in G1 scale : 14.85 Ha, G2 scale: 4.30 Ha.	Exploration should have been carried out by pitting as it was observed during inspection that ore occurrence is at shallow depth below soft clayey material at about 2.5 meters depth from surface in the proposed mining area.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N 2182870 - 2183010 & E- 242570- 242720	Mining is being carried out within proposed area	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes proposed	Yes seperate benches of top soil and mineral is maintained.	
2c	Stripping ratio or ore to OB ratio	1 :1.79	1: 0	
2d	Quantity of topsoil generation in m3	1800 cum	Nil	
2e	Quantity of overburden generation in m3	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 within the approved proposals	

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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	One Pit	One Pit
3b	Quantity of ROM mineral production proposed	1052 Tonnes	42 Tonnes
3c	Recovery of sailable/usable mineral from ROM production	82%	82%
3d	Quantity of mineral reject generation	Nil	Nil
3e	Grade of mineral rejects generation and threshold value declared.	Not applicable -	
3f	Quantity of sub grade mineral generation.	231 Tonnes	5 tonnes
3g	Grade of sub grade mineral generation	>10 % & <20%	>10 % & <20%
3h	Manual / Mechanised method adopted for segregating from ROM	Manual method adopted	Manual Method
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Nil
3j	Provision of drilling and blasting in mineral benches	Jackhammer drilling machine of 33 mm dia is proposed to be used & blasting is being carried out by using ANFO with detonators	Drilling & blasting operations are being carried out as per proposals

3k	Provision of mining machineries in mineral benches	No proposal	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	1.5 meters height is suitable for this type of deposit	Yes suitable
3m	Total area covered under excavation/pits	0.47 Ha	Within proposal
3n	Ore to OB ratio for the pit/mine during the year.	1 : 1.79	1 : 0
3o	Total area put in use under different heads at the end of year	2.62 Ha	Within proposed area mining and allied activities is being carried out.
3q	General remarks of inspecting officers on method of mining etc.		The mining operations are being carried out manually.

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#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Ob & Top soil is proposed to stack separately.	Yes stacking it separately	
4b	Location of topsoil, OB and mineral reject dumps	North-western side of lease area	Yes being dump withinproposed area	
4c	Number of dumps within lease area and outside of lease area	One top soil dump within lease area	Yes observed in the proposed area	

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4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Within UPL, temporary dumps	Within UPL, temporary dumps
4e	Number of active and alive dumps.	One	One
4f	Number of dead dumps.	No proposal	Nil
4g	Number of dumps established.	Not Applicable	-
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	Nil
4j	Number of settling ponds	No proposal	nil
4k	Specific comments of inspecting officer on waste dump management	--	--

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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 theyear	Nil	
5b	Area under backfilling of mined out area	No proposal for the year	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Top soil is proposed to be stacked seperately for future use	Top soil is being stacked	

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5d	Total area fully reclaimed and rehabilitated	No proposal	Nil	0.93 Ha so far
5e	General remarks of inspecting officers on backfilling and reclamation etc.		No backfilling is proposed for the year and waste is being stacked seperately	

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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).	To be submitted	Not submitted	
6b	Area available for rehabilitation (ha) .	Nil	Nil	
6c	afforestation done (ha).	0.10 Ha	Nil	
6f	Any other method of rehabilitation	No Proposal	Nil	
6g	Cost incurred on watch and care during the year	Rs. 1000	Rs. 1000	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	Nil	

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6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	--	Yearly report has not been submitted by the lessee. Only plantation is being done

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise sorting is being done manually	Grade wise sorting is being done manually	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	Manganese ore in the range of 26% to 37.41 % Mn Content	As proposed	
7d	Any beneficiation process at mines	No proposal	Nil	

7e General remarks -  
of inspecting -  
officer on  
Mineral  
conservation and  
beneficiation  
issues

**Environment:**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Top soil will be dumped separately for future utilisation	Top soil is being dumped separately at present	
8b	Concurrent use or storage of topsoil	No proposal for the year	nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes Seperate dump for sub grade ore, waste	Yes being done as per proposals	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal during the year	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal during the year	Nil	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	10 sapplings to be planted	10 no of sapplings planted
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		plantation is being done 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. and A. R to be submitted regularly	Submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	--	--	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area exploited and abandoned by opencast mining : 2.7 Ha Area under Pit-1.43 ha, Reclaimed & Rehabilitated - 0.93 ha Waste dump : 0.76 Ha	more or less same	
9d	Scrutiny of Annual return on afforestation	10 sapplings planted	Observed in the field	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	5 tonnes	Yes observed in the field	

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9f	Scrutiny of Annual return on ROM stock and/or graded ore	Less than 25 % Mn - 198.01Tonnes More than 25% Mn & Less than35% Mn- 168.45 Tonnes	As reported by Lessee
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex mine price Less than 25 % Mn - Nil More than 25% Mn & Less than 35% Mn- Rs. 5500	As submitted by Lessee
		Sale Price : Nil as no dispatch of ore during the year Cost of production : Rs. 3387.00	
9h	Scrutiny of Annual return on fixed assets	Nil	Nil
9k	Scrutiny of Annual return on mining machineries	Nil	Nil

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**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 26(2)	03-FEB-21			
MCDR17	Rule 31(4)	03-FEB-21			
MCDR17	Rule 45(7)(a)	03-FEB-21			

**Date :**

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines