

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

MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/ADB/Mn-28/HYD

Mine code : 40APR01017

- (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, Mine Owner
Official with
Designation
- (iv) Date of Inspection : 03-JAN-21
- (v) Prev.inspection date : 17-SEP-16

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : KUMBHAZARY(63.41 HA)
- (b) **Registration NO.** : IBM/1014/2011
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : TELANGANA
- District : ADILABAD
- Village : KUMBHAZARY
- Taluka : ADILABAD
- Post office : KUMBHAZARY
- Pin Code : 504001
- FAX No. : 08732-220508,
- E-mail : sjmining@yahoo.com
- Phone : 9849204381
- (f) Police Station : ADILABAD
- (g) First opening date : 01-NOV-10
- (h) Weekly day of rest : SUN
2. Address for : SURESH AGARWAL, SRI JAGADAMBA MINING (p) LTD.,
correspondance D.NO. 4-1-2011, DEVICHAND CHOWK, MGROAD,
ADILABAD
3. (a) Lease Number : APR2412
- (b) Lease area : 25.66
- (c) Period of lease : 50
- (d) Date of Expiry : 24-JUL-59
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 :

Mining Engineer

Name : P.M.PIMPALSHENDE,Part Time
 Qualification : B.E.(MINING)
 Appointment/ : 01-NOV-10
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	27-OCT-08
Plan/Scheme of Mining		MP review under 17(1) MCR 2016	27-APR-18
		MP review under 17(1) MCR 2016	03-MAR-20

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	Nil	
1b	Exploration over lease area for geological axis 1 or 2	There are no proposals during the year 2019-20.	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal	Nil	About Rs. 350000/- incurred towards exploration so far.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal during the year	So far 5.0 ha area is explored in G1 scale	Proposals were made in the recent approved mining plan to covering the entire lease area under G2 scale.
1e	Balance reserve as on 01/04/20	Reserves as on 03.03.2020 is 48,193 MT.	Reserves as on 01.04.2020 is 48,193 MT.	
1f	General remarks of inspecting officers on geology, exploration etc		Manganese ore in this belt occurs as a thin band (20 cms to 70 cms) interbanded with chert and jasper between the two limestone beds. The lime stones are highly siliceous . The ore zone within itself contains bands of jasper / chert and is highly jointed. The ore body is highly friable, striking along NW-SE direction and dips at angle varying between 3° to 30°. So far 5.0 Ha potential mineralised area has been explored in G1 scale. balance area to be explored..	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	N2177945-2178810 & E249980-250850	No development during the year 2019-20
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches for Overburden and Mineral is proposed	No development during the year 2019-20
2c	Stripping ratio or ore to OB ratio	1 : 3.2	1 : 0
2d	Quantity of topsoil generation in m3	560 cum	Nil
2e	Quantity of overburden generation in m3	1260 cum	nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		No mining activity during the year 2019-20

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	No mining activity during the year	
3b	Quantity of ROM mineral production proposed	1008 Tonnes	Nil	
3c	Recovery of sailable/usable mineral from ROM production	60%	Nil	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	No proposal	Nil	
3f	Quantity of sub grade mineral generation.	303 MT	Nil	

3g	Grade of sub grade mineral generation	>10% and <20% Mn content	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Segregation is to be done Manually	Not done during the year	
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 cartridges.	Drilling and Blasting activity during the year	
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 bench height is proposed.	No work during the year	Since Back Hoe loader is being used, the bench height may increase up to 3.0 meters in two stage in OB benches and mineral bench as per thickness of ore body
3m	Total area covered under excavation/pits	1.51 ha at the end of plan period up to 2023-24	0.18 Ha as there is no mining activity after approval of mining plan	
3n	Ore to OB ratio for the pit/mine during the year.	1 : 3.2	Nil	
3o	Total area put in use under different heads at the end of year	2.35 Ha up to the end of plan period	0.66 Ha as no mining activity after approval of mining plan	

3p	Production of ROM mineral during the last five year period as applicable	2015-16 - Nil 2016-17 - Nil 2017-18 - Nil 2018-19 - 2538 tonnes 2019-20 - 1008 tonnes	2015-16 - Nil 2016-17 - Nil 2017-18 - Nil 2018-19 - 440 tonnes 2019-20 - Nil	
3q	General remarks of inspecting officers on method of mining etc.			No production activity carried out during 2019-20 and up to date of inspection

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	One seperate dump for waste is proposed which is temporarily in nature on foot wall side of the pit-land to be backfilled in the mined out area. The top soil generated is to be stacked temporarily and to be utilised over backfilled area.	No Mining activity during the year	
4b	Location of topsoil, OB and mineral reject dumps	Eastern side of Pit-1	Nil	
4c	Number of dumps within lease area and outside of lease area	One dump within lease	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Beyond UPL	Nil	
4e	Number of active and alive dumps.	One	No activity during the year	
4f	Number of dead dumps.	Nil	NA	

4g	Number of dumps established.	Nil	NA
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	NA
4i	Length of Retaining wall or garland drain all along dumps	No proposal	NA
4j	Number of settling ponds	Nil	NA
4k	Specific comments of inspecting officer on waste dump management		no activity during the year, hence no comments

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.	Full Extraction of ore before backfilling	Nil	
5b	Area under backfilling of mined out area	-	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No, top soil is to be stored temporary and utilised after reclamation of waste materuial in mined out pit	Nil	
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	

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).	0.22 Ha	Nil	
6d	No. of saplings planted during the year	50	Nil	
6f	Any other method of rehabilitation	Not Proposed	Nil	
6g	Cost incurred on watch and care during the year	Rs. 2000.00	nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	1.0 Ha	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	0.22 ha	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	No proposal	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Nil	

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Entire ROM generated is to be sorted and sized manually and dispatched	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Nil	

7c	Different grade of mineral sorted out at mines.	Yes by manual means	Nil
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)	Yes, top soil has to be removed and place it seperately for utilisation	Nil	
8b	Concurrent use or storage of topsoil	Yes Proposed to store the top soil temporarily and to be utilised for spreading over backfilled area	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes Seperate dump for waste, sub grade ore	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Yes waste generated to be utilised for restoration of mined out area	Nil	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Yes proposed	nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Plantation in the area is scary additional plantation of 50 spplings to be planted during the year	Nil
8g	Survival rate	-	Nil
8h	Water sprinkling on roads to control airborne dust	Water sprinkliung arrangement to be done to suppress the dust generated	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	--	-

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 regularly	
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 under Pit-0.22 ha Reclaimed - 0.22 ha Infrastructure : 0.2 Ha	Area under Pit-0.19 ha Reclaimed - 0.17 ha Infrastructure : 0.43 Ha	

9d	Scrutiny of Annual return on afforestation	10 plants	10 plants
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Less than 25 % Mn - 322.235Tonnes	As submitted by the lessee.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil
9h	Scrutiny of Annual return on fixed assets	Nil	Nil
9k	Scrutiny of Annual return on mining machineries	Nil	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

Date :

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines