

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

**MCDR inspection REPORT**

**Hyderabad regional office**

**Mine file No :** AP/ADB/MN-26/HYD

**Mine code :** 40APR01015

- (i) Name of the Inspecting : **25** ) **SHRI IBRAHIM SARIF**  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 18/01/2020
- (v) Prev.inspection date : 18/09/2016

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **JAMDAPUR MINE(78.68 HA)**
- (b) **Registration NO.** : **IBM/1156/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address  
State : **TELANGANA**  
District : **ADILABAD**  
Village : **JAMDAPUR**  
Taluka : **ADILABAD**  
Post office : **JAMDAPUR**  
Pin Code : **504001**  
FAX No. :  
E-mail : **syminerals2009@gmail.com**  
Phone : **08732-225168**
- (f) Police Station : **JAMDAPUR**
- (g) First opening date : **17/04/2009**
- (h) Weekly day of rest : **SUN**
2. Address for  
correspondance : **S Y MINERALS, BUNGLAW NO.68**  
**GS ESTATE OPP. GANESH MANDIR**  
**NH ROAD NO.7,ADILABAD-504001(TS)**
3. (a) Lease Number : **APR3251**
- (b) Lease area : **78.69**
- (c) Period of lease : **20**
- (d) Date of Expiry : **30/06/2028**
4. Mineral worked : **MANGANESE ORE** Main

## 5. Name and Address of the

Lessee : S.Y.MINERALS (P) LTD.  
 SRI YUNUS AKBANI, DIRECTOR  
 PLOT NO. 20 & 21,  
 G.S.ESTATE, N.H.NO. 7,  
 ADILABAD ADILABAD TELANGANA  
 Phone:  
 FAX :

Owner : SANDEEP PAWAR  
 SAMTA SOCIETY, A-7/2-10,  
 SECTION-24 NERUL, NAVI  
 BOMBAY-400706 ADILABAD  
 TELANGANA  
 Phone:  
 FAX :

## Mining Engineer

Name : K.U.JENEKAR, Full Time  
 Qualification : B.E.(MINING)  
 Appointment/ : 01/05/2010  
 Termination date

6. Date of approval of Mining	:	Modif.of approved Mining Plan	15/09/2009
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	01/05/2012
	:	Mining Scheme rule 12 MCDR1988	07/11/2014
	:	MP review under 17(1) MCR 2016	06/09/2019

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	5 trial Pits	Four Trial Pits	Only one trial pit is mineral bearing
1b	Exploration over lease area for geological axis 1 or 2	2.00 ha	1.00Ha.	-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Lessee	Lessee.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	70.00 Ha	-	-
1e	Balance reserve as on 01/04/20	23843 tons	-	-
1f	General remarks of inspecting officers on geology, exploration etc			

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Between Working Pit IV, V & VI	As proposed	-
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches are proposed	Only one bench of 4m ht	-
2c	Stripping ratio or ore to OB ratio	1:2.12	1:2.3	-
2d	Quantity of topsoil generation in m3	Black Cotton Soil	Black Cotton Soil	-
2e	Quantity of overburden generation in m3	7872 m3	App 5000 m3	-

2f General remarks  
of inspecting  
officers on  
development of  
pit w.r.t. type  
of deposit etc

---

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	3 Pits	Two pits	-
3b	Quantity of ROM mineral production proposed	4768 tonnes	Upto Feb 2953 tones	-
3c	Recovery of sailable/usable mineral from ROM production	85%	90%	
3d	Quantity of mineral reject generation	295 tonnes	200 tonnes	
3e	Grade of mineral rejects generation and threshold value declared.	Below 10%	Below 9%	
3f	Quantity of sub grade mineral generation.	00	00	
3g	Grade of sub grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	-
3j	Provision of drilling and blasting in mineral benches	Jack Hammer Drilling	Jack Hammer Drilling	-

---

3k	Provision of mining machineries in mineral benches	Nil	Nil	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height of benches proposed 0.5 to 2.0m	Actual 4.0m only one bench	-
3m	Total area covered under excavation/pits	4.66ha	4.5 Ha.	-
3n	Ore to OB ratio for the pit/mine during the year.	1:2.12	1:7	
3o	Total area put in use under different heads at the end of year	0.69ha	0.50 Ha.	-
3p	Production of ROM mineral during the last five year period as applicable	2011-12= 7144 2012-13= 6840 2013-14= 6912 2014-15= 4767	2011-12= 8214 2012-13= 3528 2013-14= 7075 Upto Feb =2953	
3q	General remarks of inspecting officers on method of mining etc.		Mining operation is being carried out by Semi mechanised method of mining by deploying excavator in overburden bench and manual mineral extraction	

---

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Dump are proposed to be simultaneously backfilled, Top Soil proposed to Stack Separately	Dumps are concurrently backfilled, To soil is stacked separately	-
4b	Location of topsoil, OB and mineral reject dumps	Near boundary pillar E1 inside the mine.	Stacked near Pit No. IV.	

4c	Number of dumps within lease area and outside of lease area	Dumps are proposed to be simultaneously backfilled in the working pit.	Dumps are simultaneously backfilled in the working pit IV & VI	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dumps are proposed inside the ultimate pit limit.	Dumps are simultaneously backfilled in the working pit inside UPL	
4e	Number of active and alive dumps.	Three	Two	-
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	NA	NA	
4h	Whether Retaining wall or garland drain all along dumps are there.	NA	NA	
4i	Length of Retaining wall or garland drain all along dumps	NA	NA	
4j	Number of settling ponds	NA	NA	
4k	Specific comments of inspecting officer on waste dump 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.	Part Extraction	Part Extraction	
5b	Area under backfilling of mined out area	3.66ha	2.00 ha.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Proposed	Once backfilling is completed rehabilitation will be taken up	

5d	Total area fully reclaimed and rehabilitated	1.7ha Cumulative	1.7ha Cumulative
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).		Submitted	
6b	Area available for rehabilitation (ha) .		Not submitted	
6c	afforestation done (ha).			
6d	No. of saplings planted during the year			
6e	Cumulative no .of plants			
6f	Any other method of rehabilitation			
6g	Cost incurred on watch and care during the year			
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D			
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings			

- 6j Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area
- 6k Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir
- 6l Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.
- 6m Compliance of rehabilitation of waste land within lease (i)afforestation
- 6n Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)
- 6o Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation
- 6p Compliance of environmental monitoring (core zone and buffer zone)
- 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	4768 tones	2953 tones single grade upto feb 2015
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	manual	manual
7c	Different grade of mineral sorted out at mines.	Grade wise is not done at mine site	Grade wise is not done at mine site
7d	Any beneficiation process at mines	No	No
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 is being dump separately & will be utilized after backfilling	Top soil is being dump separately & will be utilized after backfilling	
8b	Concurrent use or storage of topsoil	Top soil is being dumped separately & will be utilized after backfilling	Top soil is being dumped separately & will be utilized after backfilling	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Dump are proposed to be simultaneously backfilled, Top Soil proposed to Stack Separately	Dumps are concurrently backfilled, To soil is stacked separately	

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Dump are proposed to be simultaneously backfilled, Top Soil proposed to Stack Separately	Dumps are concurrently backfilled, To soil is stacked separately
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Simultaneous reclamation is being carried out	Simultaneous reclamation is being carried out
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	20 plant every year	Plantation not done during the year. Cultivation is being carried out in rehabilitated area
8g	Survival rate	-	-
8h	Water sprinkling on roads to control airborne dust	-	Since is manual mining dust is under control
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. submitted up-to Dec-2019 A.R. submitted up-to Year 2018-19		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Sri K. U. Jenekar Mining Enginner		

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	4.96 + 0.22 +0.15 +0.06	Reclaimed rehabilitated under current working occupied by plant, Road + Mineral Strage
9d	Scrutiny of Annual return on afforestation	20	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Mineral Reject observed but not reported
9f	Scrutiny of Annual return on ROM stock and/or graded ore	448 (B 25%) + 625 (25-35%)	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	4506 (B 25%) + 7398 (25-35%)	
9h	Scrutiny of Annual return on fixed assets	100000/-	
9k	Scrutiny of Annual return on mining machineries	Nil	JCB used not reported

---

**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

**Date :**

**(SHRI IBRAHIM SARIF)**

Indian Bureau of Mines