

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/ADB/Mn-3/HYD

Mine code : 40APR01009

- (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 : 16/01/2020
- (v) Prev.inspection date : 17/09/2016

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **PIMPERKUNTA-GUDA**
- (b) **Registration NO.** : **IBM/1041/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : **TELANGANA**
District : **ADILABAD**
Village : **PIMPERKUNTA GUDA**
Taluka : **ADILABAD**
Post office : **PIMPERKUNTA**
Pin Code : **504001**
FAX No. : **08732-232463**
E-mail : **AMAURFPL@GMAIL.COM**
Phone : **08732-232463**
- (f) Police Station : **TAMSI**
- (g) First opening date : **29/12/1985**
- (h) Weekly day of rest : **SUN**
2. Address for : **1-1-45/C/161, A P HOUSING COLONY**
correspondance : **ADILABAD**
: **TELANGANA**
3. (a) Lease Number : **APR0532**
- (b) Lease area : **89.03**
- (c) Period of lease : **20**
- (d) Date of Expiry : **28/12/2025**
4. Mineral worked : **MANGANESE ORE** Main

5. Name and Address of the

Lessee : M/S ADITYA MINERALS (P)LTD
 6-5-651, HAMEEDPURA,
 ADILABAD TELANGANA
 Phone: 08732 232463
 FAX :

Owner : BINOD KUMAR JAIN
 D-29, II FLOOR HAUZ KHAS,
 NEW DELHI DELHI DELHI
 Phone:
 FAX :

Agent : MUKESHKUMAR LODHA
 H.NO. 304, G S APARTMENT,
 ADILABAD TELANGANA ADILABAD
 TELANGANA
 Phone:
 FAX :

Mining Engineer

Name : K.U.JENEKAR, Full Time
 Qualification : B.E.(MINING)
 Appointment/ : 01/07/2009
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	02/12/2005
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	23/08/2010
		Mining Scheme rule 12 MCDR1988	16/09/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for geological axis 1 or 2	3 boreholes	Ten Boreholes, Seven Trial Pits	
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			
1e	Balance reserve as on 01/04/20	24278 tons	25380 tons	As per proposed & actual depletion of reserves
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	Pit No IIIA/B Between W600-800 & N900-1100 for strike length of 150m & for the width of 39.3 m	As proposed	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches are proposed.	As proposed	
2c	Stripping ratio or ore to OB ratio	1: 6. 4 By Volume	1:2.68 By weight volume	
2d	Quantity of topsoil generation in m3	1769 cum		

2e	Quantity of overburden generation in m3	12969 m3	App 16500 m3 (41250 tonnes)
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	2 Pits	2 Pits	
3b	Quantity of ROM mineral production proposed	6154 tons	6154 tons	
3c	Recovery of sailable/usable mineral from ROM production	90%	100%	
3d	Quantity of mineral reject generation	NA	NA	
3e	Grade of mineral rejects generation and threshold value declared.	Nil	Nil	
3f	Quantity of sub grade mineral generation.	NA	NA	
3g	Grade of sub grade mineral generation	Nil	Nil	
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	Bench height proposed is max 1.5m.	As proposed
3m	Total area covered under excavation/pits	10.50 ha	4.0ha
3n	Ore to OB ratio for the pit/mine during the year.	1:2.68	1:2.68
3o	Total area put in use under different heads at the end of year	11.11 ha	04.32 ha
3p	Production of ROM mineral during the last five year period as applicable	2015-16= 5308 2016-17= 5826 2017-18= 5826 2018-19= 6154	2015-16= 2979 2016-17= 6402 2017-18= 6477 2018-19= 6154
3q	General remarks of inspecting officers on method of mining etc.		

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Top Soil proposed to Stack Separately		The backfilled area is leveled & reclaimed by spreading and leveling with top soil.
4b	Location of topsoil, OB and mineral reject dumps	N800-900 W500-600		Stacked near Pit existing pits

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.	Two		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	10.23 ha		4.00 ha

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	The backfilled area is leveled & reclaimed by spreading and leveling with top soil.	
5d	Total area fully reclaimed and rehabilitated	11.18 ha Cumulative	11.50 ha 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).		Not 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
- 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
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	6154 tons	6154 tones	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	
7c	Different grade of mineral sorted out at mines.	Sorting is not proposed at mine site	Grade wise is separation was done at mine site	
7d	Any beneficiation process at mines	No	No	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 is being dump separately & will be utilized after backfilling		Top soil removed separately & utilized for reclamation of backfilled pit.
8b	Concurrent use or storage of topsoil	-do-	-do-	
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, Top soil is reuse for reclamation.

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	-do-	-do-	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Simultaneous reclamation is being carried out		Simultaneous backfilling was done. The backfilled was reclaimed by spreading top soil.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	100 plants proposed	150 sapplings were planted.	
8g	Survival rate	Not proposed	40%	
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	K.V.Jenekar, Mining Engineer		

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Underworking : 4.0 Ha. Reclaimed/Rehabilitated : 11.50 Ha. Occupied by plant, Road : 0.32 Ha.		
9d	Scrutiny of Annual return on afforestation	150	150	
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	ROM - Nil		
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	<25 - 4531.00 (Ex Mine), 4731.00 (Sale) - 3315.00 (LOP) >25 <35 - 7073.00 (Ex Mine) - 7273.00 (Sale)		
9h	Scrutiny of Annual return on fixed assets	Nil		
9k	Scrutiny of Annual return on mining machineries	Air compressor with jack hammer	-	-

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