

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/VZNR/MN-98/HYD

Mine code : 40APR20067

- (i) Name of the Inspecting : **PR09**) **M.Pratap.Reddy**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : ASHOK MAHAPATRA REPRESENTATIVE
Official with
Designation
- (iv) Date of Inspection : 26/12/2017
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **MAMIDIVALASA MN MINES**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : VIZIANAGARAM
Village : MAMIDIVALARA
Taluka : RAMABHADRAPURAM
Post office : MAMIDIVALARA
Pin Code : 535579
FAX No. :
E-mail :
Phone :
- (f) Police Station : RAMABADRAPURAM
- (g) First opening date : 18/09/2005
- (h) Weekly day of rest : SUN
2. Address for : C/O S.KONDALA RAO,RAILWAY STATION ROAD,
correspondance DO.NO:2-134/6,PO&MANDAL:BOBBILI
DIST:VIZIYANAGARAM.
3. (a) Lease Number : APR3134
(b) Lease area : 8.09
(c) Period of lease : 20
(d) Date of Expiry : 11/09/2025
4. Mineral worked : MANGANESE ORE Main

5. Name and Address of the

Lessee : A.JANAKI
VIZIANAGARAM ANDHRA
PRADESH
Phone:
FAX :

Owner : A.JANAKI
C/OS.KONDALA RAO ,RAILWAY
STATION ROAD,DO.NO.:2-
134/6 ,PO&MAN:BOBBILI,
DIST:VIZIYANAGARAM.
GODAVARI WEST ANDHRA
PRADESH
Phone:
FAX :

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 03/01/2014
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No approved proposals exists for the year 2016-17	Two Boreholes have been drilled during 2016-17	The validity of earlier approved document lapsed on 31.3.2015. Since to date there is approved document.
1b	Exploration over lease area for geological axis 1 or 2	G2 level of exploration.	Exploration activity is under progress.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No approved proposals exists.	However, the the lessee incurred an expense of Rs 1,13,000/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No approved proposals exists	About 7 ha	
1e	Balance reserve as on 01/04/20	No approved document exists.	However asper the draft document as on December 2017, the reserve is 21,335T	
1f	General remarks of inspecting officers on geology, exploration etc	Precambrian metasedimentary deposit with G2 scale of exploration.	Metasedimentary deposit with partly G2 scale of exploration.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	No approved proposals exists for the year 2016-17	-	The mining operations in the mine were suspended on account of non submission of the modified document in view of the decripancy in the area. it was also observerd during the site inspection that the mining operations were beyond the lease boundary and the same has been brought to the notice of the DMG, AP.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No approved proposals exists for the year 2016-17	-	
2c	Stripping ratio or ore to OB ratio	No approved proposals exists for the year 2016-17	-	
2d	Quantity of topsoil generation in m3	No approved proposals exists for the year 2016-17	-	
2e	Quantity of overburden generation in m3	No approved proposals exists for the year 2016-17	-	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No approved proposals for the development of pits exists for the year 2016-17	-	The mining operations were suspended w.e.f 24.3.2014

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No approved proposals exists for the year 2016-17	There exists one pit.	

3b	Quantity of ROM mineral production proposed	No approved proposals exists for the year 2016-17	Nil
3c	Recovery of sailable/usable mineral from ROM production	No approved proposals exists for the year 2016-17	-
3d	Quantity of mineral reject generation	No approved proposals exists for the year 2016-17	Nil
3e	Grade of mineral rejects generation and threshold value declared.	No approved proposals exists for the year 2016-17	The Threshold value of Mn is 10%. There are no mineral rejects exists.
3f	Quantity of sub grade mineral generation.	No approved proposals exists for the year 2016-17	However there is no subgrade generation
3g	Grade of sub grade mineral generation	No approved proposals exists for the year 2016-17	-
3h	Manual / Mechanised method adopted for segregating from ROM	No approved proposals exists for the year 2016-17	However manual segregation method is adopted.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No approved proposals exists for the year 2016-17	-
3j	Provision of drilling and blasting in mineral benches	No approved proposals exists for the year 2016-17	-
3k	Provision of mining machineries in mineral benches	No approved proposals exists for the year 2016-17	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No approved proposals exists for the year 2016-17	Yes.

3m	Total area covered under excavation/pits	No approved proposals exists for the year 2016-17	0.5925 ha	
3n	Ore to OB ratio for the pit/mine during the year.	No approved proposals exists for the year 2016-17	-	The mine was in non operation during 2016-17.
3o	Total area put in use under different heads at the end of year	No approved proposals exists for the year 2016-17	1.937 ha	
3p	Production of ROM mineral during the last five year period as applicable	2012-13 - no approved proposals exists. 2013-14=5000 T, 2014-15=5403 T, 2015-16 & 2016-17 no approved proposal exists.	Production done in 2013-14=1500 T & 2014-15=700.94 T only.	
3q	General remarks of inspecting officers on method of mining etc.	Opencast semi mechanised method mining is proposed.	As proposed Opencast semi mechanised method of mining is done	

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Opencast semi mechanised method is	-	As per the field observation, the workings and dumps have been found extended outside the boundary pillars H, I,J,K and L and this has been brought to the notice DMG, AP vide this Office lr.no.AP/VZNR/MP/M n-82/Hyd dated 23.1.2018.
4b	Location of topsoil, OB and mineral reject dumps	No approved proposals exists for the year 2016-17.	-	

4c	Number of dumps within lease area and outside of lease area	No approved proposals exists for the year 2016-17.	The dumps exists outside the ML area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No approved proposals exists for the year 2016-17.	The dump exists beyond UPL.
4e	Number of active and alive dumps.	No approved proposals exists for the year 2016-17.	One dump that exists outside the ML area.
4f	Number of dead dumps.	No approved proposals exists for the year 2016-17.	Nil
4g	Number of dumps established.	No approved proposals exists for the year 2016-17.	Nil.
4h	Whether Retaining wall or garland drain all along dumps are there.	No approved proposals exists for the year 2016-17.	No retaining wall and garland drains exists.
4i	Length of Retaining wall or garland drain all along dumps	No approved proposals exists for the year 2016-17.	-
4j	Number of settling ponds	No approved proposals exists for the year 2016-17.	Nil

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.	There are no approved proposals for the year 2016-17	-	However, the mineral is continuing at depth and the pit is yet to mature for backfilling and rehabilitation.
5b	Area under backfilling of mined out area	There are no approved proposals for the year 2016-17	-	

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	There are no approved proposals for the year 2016-17	-	
5d	Total area fully reclaimed and rehabilitated	There are no approved proposals for the year 2016-17	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	There are no approved proposals for the year 2016-17		No backfilling and reclamation is done since the mineral is yet to exhaust

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).	No approved proposals exists for the year 2016-17	-	The mine is under suspension sinece 24.3.2014.
6b	Area available for rehabilitation (ha) .	No approved proposals exists for the year 2016-17	Nil.	
6c	afforestation done (ha).	No approved proposals exists for the year 2016-17	-	
6d	No. of saplings planted during the year	No approved proposals exists for the year 2016-17	-	
6e	Cumulative no .of plants	No approved proposals exists .	-	
6f	Any other method of rehabilitation	No approved proposals exists for the year 2016-17	None.	
6g	Cost incurred on watch and care during the year	No approved proposals exists for the year 2016-17	-	

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No approved proposals exists for the year 2016-17	-	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No approved proposals exists for the year 2016-17	-	However the woking pit has not yet matured for any bckfilling or rehabilitation.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	No approved proposals exists for the year 2016-17	-	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No approved proposals exists for the year 2016-17	-	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No approved mining plan exists for the Year 2016-17	-	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No approved mining plan exists for the Year 2016-17	-	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No approved mining plan exists for the Year 2016-17	-	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No approved mining plan exists for the Year 2016-17	-	

6p	Compliance of environmental monitoring (core zone and buffer zone)	No approved mining plan exists for the Year 2016-17	-	The mining operations in the mine are under suspension.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No approved proposals exists.	There is no mining activity in the mine as the mining operations are under suspension.	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No approved mining plan exists for the Year 2016-17	-	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No approved mining plan exists for the Year 2016-17	-	However in the mine manual sorting is done.
7c	Different grade of mineral sorted out at mines.	No approved mining plan exists for the Year 2016-17	-	
7d	Any beneficiation process at mines .	No approved mining plan exists for the Year 2016-17	None	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No approved mining plan exists for the Year 2016-17	Mining operations are under suspension since 2014.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No approved mining plan exists for the Year 2016-17	-	

8b	Concurrent use or storage of topsoil	No approved mining plan exists for the Year 2016-17	-	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No approved mining plan exists for the Year 2016-17	-	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No approved mining plan exists for the Year 2016-17	-	The pits have not yet matured for this activity.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No approved mining plan exists for the Year 2016-17	-	
8g	Survival rate	No approved mining plan exists for the Year 2016-17	-	
8h	Water sprinkling on roads to control airborne dust	No approved mining plan exists for the Year 2016-17	-	The mine is under suspension
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No approved mining plan exists for the Year 2016-17	-	No aesthetic beauty exists in and around the mine.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	MR shall be submitted before 10th of every month in respect of preceding month. AR which shall be submitted before 1st July each year for the preceding Financial Year.	Submitted.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	To be furnished.	Furnished.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	To be furnished.	Furnished
9d	Scrutiny of Annual return on afforestation	To furnished.	Nil information is furnished.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	To be furnished	Nil information is furnished.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	To be furnished.	Nil information is furnished.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	To be furnished	No information is furnished since the mine is under suspension.
9k	Scrutiny of Annual return on mining machineries	To be furnished	No information is furnished.

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 :

(M.Pratap.Reddy)

Indian Bureau of Mines