

**INDIAN BUREAU OF MINES  
MINERALS DEVELOPMENT 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 : 25 ) SHRI IBRAHIM SARIF  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Sri V T Chander, Q.P and Sri Ramani Ranjan Patnaik, L  
Official with  
Designation
- (iv) Date of Inspection : 10-OCT-21
- (v) Prev.inspection date : 26-DEC-17

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : MAMIDIVALASA MN MINES
- (b) **Registration NO.** : IBM/6089/2011
- (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 : billiongroups@hotmail.com,
- Phone : 9583832109
- (f) **Police Station** : RAMABADRAPURAM
- (g) **First opening date** : 18-SEP-05
- (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-SEP-25
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 RO AD,DO.NO.:2-  
134/6,PO&MAN:BOBBILI,  
DIST:VIZIYANAGARAM.  
GODAVARI WEST ANDHRA  
PRADESH  
Phone:  
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 05-MAY-05  
Plan/Scheme of Mining Mining Scheme rule 12 MCDR1988 03-JAN-14

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

## Exploration :

| Sl.No. | Item  | Proposals  | Actual work   | Remarks  |
|--------|---|--|---|--|
| 1a     | Backlog of previous year  | F.Y 2020-21No approved proposals exists for the year 2020-21 | F.Y 2020-21: Nil  | 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              | F.Y 2020-21: No proposal                                     | Nil during the year 2020-21   |  |
| 1c     | Exploration Agencies and Expenditure in lakh rupees during the year | F.Y 2020-21: No approved proposals exists.                   | F.Y 2020-21: Nil  | The lessee incurred an expense of Rs 1,13,000/- so far for exploration                                   |
| 1d     | Balance area to be explored to bring Geological axis in 1 or 2      | F.Y. 2020-21 : No approved proposals exists                  | F.Y. 2020-21 : Nil during the year  | About 7 ha area to be explored   |
| 1e     | Balance reserve as on 01/04/20                                      | No approved document exists.                                 | After acsertqining bore holes drilled within lease or not the reserves can be assessed and cannot be comment at present |  |

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| 1f | General remarks of inspecting officers on geology, exploration etc | Two Boreholes have been drilled during 2017, but location could not be established whether they are within in lease or outside. Most of the mining lease area is formed by Khondalite & Calc-granulite and veins of Manganese. The major Manganese vein is formed in the strike direction of N-S with steep dip 70 towards East. The country rock of Khondalite is formed as a foot wall on the western side and the Quartzite is exposed as hanging wall on Eastern side of the main Vein. |
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## Development :

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|------|-----------|-------------|---------|
|--------|------|-----------|-------------|---------|

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|----|---|---|---|---|
| 2a | Location of development w.r.t. lease area   | F.Y. 2020-21 :No approved proposals exists for the year | F.Y. 2020-21 :No development activity carried out during the year | The mining operations in the mine were suspended on account of non submission of the modified document in view of the discrepancy in the area. it was also observed 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 earlier by this office. |
| 2b | Separate benches in topsoil, overburden and minerals (Rule 15)                          | -do-  | Nil   | Benches of about 12 to 15 meters are observed   |
| 2c | Stripping ratio or ore to OB ratio  | -do-  | Not applicable  |   |
| 2d | Quantity of topsoil generation in m3  | -do-  | No top soil generated during the F.Y. 2020-21                     |   |
| 2e | Quantity of overburden generation in m3   | -do-  | Nil   |   |
| 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 2020-21. The mining operations were suspended w.e.f 24.3.2014.  |

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**Exploitation:**


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| Sl.No. | Item | Proposals | Actual work | Remarks |
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| 3a | Number of pit proposed for production   | No approved proposals exists for the year 2020-21 | No production reported for the year 2020-21                              | There exists one pit.                                    |
| 3b | Quantity of ROM mineral production proposed   | -do-  | No production reported during the year 2020-21                           | Mining operations were suspended on 24.03.2014           |
| 3c | Recovery of sailable/usable mineral from ROM production   | -do-  | Nil  |  |
| 3d | Quantity of mineral reject generation   | -do-  | Nil  |  |
| 3e | Grade of mineral rejects generation and threshold value declared.                               | -do-  | There are no generation of mineral rejects reported for the year 2020-21 | The Threshold value of Mn is 10%. .                      |
| 3f | Quantity of sub grade mineral generation.   | No approved proposals exists for the year 2020-21 | Nil  |  |
| 3h | Manual / Mechanised method adopted for segregating from ROM                                     | -do-  | Nil  | Earlier manual method was adopted for segregation of ore |
| 3i | Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects. | No approved proposals exists for the year 2020-21 | Nil  | No such study carried out for the year                   |
| 3j | Provision of drilling and blasting in mineral benches   | -do-  | No drilling and Blasting is reported to be carried out during the year   |  |
| 3k | Provision of mining machineries in mineral benches  | -do-  | No Mining machineries deployed in the lease area                         |  |

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| 3m | Total area covered under excavation/pits                                 | No approved proposals exists for the year 2020-21   | Nil during the year  | As per latest draft document submitted about 1.4 ha area was put to use under excavation of pit |
| 3n | Ore to OB ratio for the pit/mine during the year.                        | -do-  | F.Y 2020-21 : Nil  |   |
| 3o | Total area put in use under different heads at the end of year           | -do-  | -  | about 1.937 ha is put to use for mining and allied activity so far.                             |
| 3p | Production of ROM mineral during the last five year period as applicable | Yr. 2016-17: no approved proposals exists<br>Yr. 2017-18: no approved proposals exists<br>Yr. 2018-19: no approved proposals exists<br>Yr. 2019-20: no approved proposals exists<br>Yr. 2020-21: no approved proposals exists | Yr. 2016-17: Nil<br>Yr. 2017-18: Nil<br>Yr. 2018-19: Nil<br>Yr. 2019-20: Nil |   |

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| 3q General remarks of inspecting officers on method of mining etc. | No mining operations are reported to be carried out during the year 2020-21 as Mining operations were suspended on 24.03.2014. Earlier semi-mechanised method of mining was adopted for development of mines. Benches of about 12 to 15 meters were observed which has to reduced to 6 meters. |
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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) | No approved proposal exist for the year 2020-21 | Nil             | As per the field observation, the workings and dumps have been found extended outside the boundary pillars 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                 | -do-  | Not applicavble | -do-   |
| 4c     | Number of dumps within lease area and outside of lease area      | -do-  | Nil             | Dumps have been found extended outside the lease boundary  |

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| 4d | Location of dumps w.r.t. ultimate pit limit (Rule 16)              | -do- | -              | dumps have been found extended outside the boundary   |
| 4e | Number of active and alive dumps.                                  | -do- | Nil            | No active dumps observed during inspection  |
| 4g | Number of dumps established.                                       | -do- | Not applicable |   |
| 4h | Whether Retaining wall or garland drain all along dumps are there. | -do- | -              |   |
| 4k | Specific comments of inspecting officer on waste dump management   |      |                | Dumps have been found extended outside the boundary. Which has to be stabilised by taking protective measures like plantation, retaining wall and GARland drain |

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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. | There are no approved proposals for the year 2020-21 | Not applicable | However, the mineral is continuing at depth and the pit is yet to mature for backfilling and rehabilitation. |
| 5e     | General remarks of inspecting officers on backfilling and reclamation etc.                    |  |                | No backfilling and reclamation is done since the mineral is not yet exhausted                                |

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Progressive Mine Clousre Plan:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|------|-----------|-------------|---------|
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|----|---|---|--|--|
| 6a | Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).                      | There are no approved proposals for the year 2020-21, | Not applicable                                     | The mine is under suspension since 24.3.2014.                            |
| 6c | afforestation done (ha).  | -do-  | -  | No afforestation done during the year                                    |
| 6d | No. of saplings planted during the year   | -do   | No plantation carried out during the year 2020-21. |  |
| 6g | Cost incurred on watch and care during the year   | There are no approved proposals for the year 2020-21  | Not applicable                                     |  |
| 6m | Compliance of rehabilitation of waste land within lease (i)afforestation                          | -do-  | Not applicable                                     |  |
| 6p | Compliance of environmental monitoring (core zone and buffer zone)                                | -do-  | No monitoring is being done                        |  |
| 6q | General remarks of inspecting officers on PMCP compliance and progressive closure operations etc. |   |  | There is no valid approved proposals of PMCP hence no comments to offer. |

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#### Mineral Conservation:

| Sl.No. | Item  | Propasals                                 | Actual work                                  | Remarks   |
|--------|---|---|--|---|
| 7a     | ROM Mineral dispatch or grade-wise sorting within lease area    | No approved proposal for the year 2020-21 | No dispatch reported during the year 2020-21 |   |
| 7b     | Method of grade-wise mineral sorting i.e. manual or mechanical. | -do-                                      | Not applicable                               | Earlier manual sorting was done for segregation of ore. |

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|----|--|------|--|---|
| 7c | Different grade of mineral sorted out at mines.  | -do- | No mineral sorting was carried out during the year |   |
| 7d | Any beneficiation process at mines .   | -do- | None   |   |
| 7e | General remarks of inspecting officer on Mineral conservation and beneficiation issues |      |  | Mining operations are under suspension since 2014, hence no comments to offer |

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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 2020-21 | Not applicable      |  |
| 8b     | Concurrent use or storage of topsoil  | -do-  | not applicable      |  |
| 8c     | Separate dumps for overburden, waste rock, rejects and fines (Rule 33)                            | No approved proposals exists for the Year 2020-21   | -                   | Dumps are extended out side the lease area       |
| 8d     | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use | -do-  | Nil during the year | The pits have not yet matured for this activity. |

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|----|---|------|---|--|
| 8e | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | -do- | Nil during the year 2020-21                       | The pits have not yet matured for this activity.   |
| 8f | Baseline information on existence of plantation and additional plantation done (Rule 41)                    | -do- | No plantation carried out during the year 2020-21 |  |
| 8i | General remarks of inspecting officer on aesthetic beauty in and around mines area                          |      |   | Dumps to be stabilised by plantation and retaining wall and gullnd drains to be constructed to improve the 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                                  | MR shall be submitted up to the Month September 2021                     | MR submitted up to the Month of December 2020<br>AR submitted for the year 2019-20. |         |
|        |   | AR which shall be submitted for the year 2020-21.                        |   |         |
| 9b     | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager | Details of Mining Engineer and geologist not furnished in the AR 2019-20 | -   |         |

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|----|---|--|--|
| 9c | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | Details of Land use put to use for mining and allied activities furnished as Nil in the AR 2019-20 | -  |
| 9d | Scrutiny of Annual return on afforestation  | Nil  | No plantation carried out dueing the year 2020-21                        |
| 9e | Scrutiny of Annual return on mineral reject generation (Grade and quantity)                   | Nil  | -  |
| 9f | Scrutiny of Annual return on ROM stock and/or graded ore                                      | Rom ore = Nil<br>Graded Ore stack : 420 Tonnes   | Rom ore = Nil<br>25% Mn to Below 35% Mn<br>Graded Ore stack : 420 Tonnes |
| 9g | Scrutiny of Annual return on sale value, Ex. Mine price and production cost                   | Ex mine Price : Rs. 1444<br>Sale Value and Production Cost = Nil                                   | As submitted by lessee   |
| 9h | Scrutiny of Annual return on fixed assets   | Nil  | -  |
| 9k | Scrutiny of Annual return on mining machineries   | No details furnished   | Not applicable   |

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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 |

**Date :**

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines