

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

**Review and updation of Mining Plan REPORT**

**Hyderabad regional office**

**Mine file No :** AP/KNL/FE-39/HYD

**Mine code :** 30APR11017

- (i) Name of the Inspecting : **RK13** ) **A.V.Ramesh Kumar**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : SRI N. KANTHA REDDY LESSEE AND SRI M.P.REDDY QP  
Official with  
Designation
- (iv) Date of Inspection : 01/10/2022
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **SRI PADMAVATHI IRON ORE M**
- (b) **Registration NO.** : **IBM/4483/2011**
- (c) **Category** : **A Other than Fully Mech.**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **ANDHRA PRADESH**
- District : **KURNOOL**
- Village : **VELDURTHI**
- Taluka : **VELDURTHI**
- Post office :
- Pin Code : **518216**
- FAX No. :
- E-mail : **kanthareddy.26@gmail.com**
- Phone : **9440396675**
- (f) **Police Station** : **VELDURTHI**
- (g) **First opening date** : **04/09/1986**
- (h) **Weekly day of rest** : **SUN**
2. **Address for** : **SRI N.KANTHA REDDY,**  
**correspondance** **MINE OWNER, S.BOYANAPALLY (VILLAGE)**  
**VELDURTHY(MANDAL), KURNOOL DISTRICT.**
3. (a) **Lease Number** : **APR1307**
- (b) **Lease area** : **10.85**
- (c) **Period of lease** : **20**
- (d) **Date of Expiry** : **15/12/2025**
4. **Mineral worked** : **IRON ORE** **Main**

## 5. Name and Address of the

Lessee : N. KANTHA REDDY  
 KURNOOL ANDHRA PRADESH  
 Phone:  
 FAX :

Owner : N.KANTHA REDDY  
 S.Boyanapally village,  
 veldurthy Mandal KURNOOL  
 ANDHRA PRADESH  
 Phone:  
 FAX :

Agent : BHRAMANANDA REDDY  
 KURNOOL ANDHRA PRADESH  
 Phone:  
 FAX :

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	23/09/2005
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	28/03/2011
		Modif.approved Mining Scheme	18/02/2014
		Mining Scheme rule 12 MCDR1988	28/03/2017

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	There was no approved document for the year 2021-22.	No exploration was carried out during the year 2021-22.	The mining operations were suspended since 25.02.2021.
1b	Exploration over lease area for geological axis 1 or 2	Nil	Nil	No comments
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	None
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	The area under G-1 is 5.118 ha. The remaining area i.e. 5.732 ha is under G-4.	The mining operations were suspended since 21.02.2021.
1e	Balance reserve as on 01/04/20	---	The reserves as on 1.4.2022 are 0.35 Million tonnes	No comments to offer.
1f	General remarks of inspecting officers on geology, exploration etc	---	The lease has no valid document. The valid proposals expired on 31.03.2020.	The mine was issued order of suspension of mining operations on 25.02.2021.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	Nil	Nil	None
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Nil	Nil	Nil
2c	Stripping ratio or ore to OB ratio	Nil	Nil	None
2d	Quantity of topsoil generation in m3	Nil	Nil	None
2e	Quantity of overburden generation in m3	Nil	Nil	None

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	The valid proposals were expired on 31.03.2020.As on date there is no approved document.	As on date the mine has no valid approved document.	The mine was issued order of suspension of mining operations on 25.02.2021.
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### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Nil	One non working pit was noticed.	No comments
3b	Quantity of ROM mineral production proposed	Nil	Nil	None
3c	Recovery of sailable/usable mineral from ROM production	nil	None	None
3d	Quantity of mineral reject generation	Nil	None	None
3e	Grade of mineral rejects generation and threshold value declared.	Nil	None	None
3f	Quantity of sub grade mineral generation.	Nil	None	None
3g	Grade of sub grade mineral generation	Nil	None	None
3h	Manual / Mechanised method adopted for segregating from ROM	Nil	None	None
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	None	No comments
3j	Provision of drilling and blasting in mineral benches	Nil	None	None

3k	Provision of mining machineries in mineral benches	Nil	None	None
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Nil	None	None
3m	Total area covered under excavation/pits	---	5.118 ha	No comments
3n	Ore to OB ratio for the pit/mine during the year.	Nil	None	None
3o	Total area put in use under different heads at the end of year	Nil	None	None
3p	Production of ROM mineral during the last five year period as applicable	2017-18 -14500 tonnes 2018-19 - 20930 tonnes 2019-2020 - 39,321 tonnes	No production was reported from the mine for the last five years.	An order of suspension of mining operations was issued on 25.02.2021.

## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Nil	Nil	None
4b	Location of topsoil, OB and mineral reject dumps	Nil	Nil	None
4c	Number of dumps within lease area and outside of lease area	Nil	One old dump was noticed on North eastern side of the lease.	No comments
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	The old dump was beyond the ultimate pit level.	No comments
4e	Number of active and alive dumps.	Nil	One old dump was noticed during the inspection.	No comments
4f	Number of dead dumps.	Nil	Nil	None

4g	Number of dumps established.	Nil	Nil	None
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	A retaining wall was noticed around the old dump.	No comments.
4i	Length of Retaining wall or garland drain all along dumps	Nil	A retaining wall with a length of 150 meters was noticed during the inspection around old dump.	No comments
4j	Number of settling ponds	Nil	None	None
4k	Specific comments of inspecting officer on waste dump management	Nil	As the valid proposals were expired on 31.03.2020, no proposals were made for waste dump management.	The mine was issued order of suspension of mining operations on 25.02.2021.

#### 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 was no proposal for backfilling or reclamation duirng the year 2021-22.	No bacfilling or reclamation was noticed during the inspection.	No comments to offer.
5b	Area under backfilling of mined out area	Nil	Nil	None
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	None
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	None
5e	General remarks of inspecting officers on backfilling and reclamation etc.	There is no proposal for backfilling or reclamation during the year 2021-22.	No backfilling or reclamation carried out duirng the year 2021-22.	The mine is not working since five years.

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).	---	Nil	No comments
6b	Area available for rehabilitation (ha) .	Nil	None	None
6c	afforestation done (ha).	None	None	None
6d	No. of saplings planted during the year	Nil	None	Nil
6e	Cumulative no .of plants	Nil	1500 no.s	None
6f	Any other method of rehabilitation	Nil	None	None
6g	Cost incurred on watch and care during the year	Nil	None	None
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Nil	None	None
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	None	None
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Nil	None	None
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	None	None

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Nil	None	None
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Nil	None	None
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Nil	None	None
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Nil	None	None
6p	Compliance of environmental monitoring (core zone and buffer zone)	Nil	None	None
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Nil	None	The mine was not working since five years.It was issued order of suspension of mining operations on 25.02.2021.

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	The proposals of the last approved document expired on 31.03.2020.As such there were no proposals for the year 2021-22.	No ROM was reported during the year 2021-22.	The Mine was issued order of suspension of mining operations on 25.02.2021 as there was no approved document.



7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Nil	Nil	No comments
7c	Different grade of mineral sorted out at mines.	Nil	None	No comments
7d	Any beneficiation process at mines .	Nil	None	None
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	The previous document was approved on 31.03.2017, the proposals were valid up to 31.03.2020. As on date there is no approved document.	No ROM was reported during the last five years.	The mine was issued order of suspension under rule 11(2) on 25.02.2021.

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	as there is no topsoil.No proposal was made for handling the same.	No topsoil was generated during the year 2021-22.	No comments
8b	Concurrent use or storage of topsoil	Nil	Nil	None
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	It was proposed to have seperate dump on the North Eastern part of the lease.	As the mine has not worked for the last five years, no waste was generated.	No comments
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	None

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	None
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	-----	Thick bushy type of vegetation noticed on the day of inspection inside the lease.	No comments
8g	Survival rate	---	70%	No comments
8h	Water sprinkling on roads to control airborne dust	It was proposed to control the dust suppression measures by water sprinkling in the lease.	As there were no mining operations since five years, no dust suppression measures were noticed.	No comments to offer.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	----	As there were no mining operations since five years, thick vegetation was noticed inside the lease.	No comments to offer.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	---	The monthly and Annual returns submitted by lessee reporting Nil production.	No comments
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No mining engineer or geologist were mentioned in the annual return 2021-22.	No mining engineer nor geologist were appointed as the mine was not working for the last five years.	The mine was issued order of mining operations on 25.02.2021.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	The are under pit was mentioned as 5.118 ha.	The same was noticed during the inspection.	No comments

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9d	Scrutiny of Annual return on afforestation	Nil	No plantation during the year 2021-22 was noticed.	No comments
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	None
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	None	No mining operations reported since five years.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil	None
9h	Scrutiny of Annual return on fixed assets	Nil	Nil	None
9k	Scrutiny of Annual return on mining machineries	Nil	None	No mining operations reported since five years. The mine was issued order of suspension of mining operations on 25.02.2022.

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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 :****(A.V.Ramesh Kumar)**

Indian Bureau of Mines