

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

**MCDR INSPECTION REPORT**

**Hyderabad regional office**

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

**Mine code :** 30APR11017

- (i) Name of the Inspecting : PG01 ) P.GURUVAIAH  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri B. Srinivasulu, Supervisor.  
Official with  
Designation
- (iv) Date of Inspection : 13/06/2017
- (v) Prev.inspection date : 07/11/2015

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : SRI PADMAVATHI IRON ORE M
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (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 : 08518-222882, 9440396675
- Phone : 08518-222882, 9440396675
- (f) **Police Station** : VELDURTHI
- (g) **First opening date** : 04/09/1986
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : SRI N.KANTHA REDDY,  
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	No proposal.	Nil	Mine is not working V/L under T.D notice issued to the party.
1b	Exploration over lease area for geological axis 1 or 2	No proposal.	Nil	Mine is not working V/L under T.D notice issued to the party.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal.	Nil	Mine is not working V/L under T.D notice issued to the party.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal.	Nil	Mine is not working V/L under T.D notice issued to the party.
1e	Balance reserve as on 01/04/20	Probable (122) =350586 tons,	probable (122) =350586 Tons.	-
1f	General remarks of inspecting officers on geology, exploration etc	No Exploration proposal.	Nil	-

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal.	Nil	-
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal.	Nil	one bench in O.B and three benches in ore.
2c	Stripping ratio or ore to OB ratio	No proposal.	Nil	1 : 0.56
2d	Quantity of topsoil generation in m3	No proposal.	Nil	There is no top soil generation.
2e	Quantity of overburden generation in m3	No proposal.	Nil	1.33 ha O.B dump.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No proposal	Nil	Mine is not working V/L under T.D notice issued to the party.
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### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	one	Mine is not working V/L under T.D notice issued to the party.
3b	Quantity of ROM mineral production proposed	no proposal.	Nil	Mine is not working V/L under T.D notice issued to the party.
3c	Recovery of sailable/usable mineral from ROM production	No proposal.	Nil	Mine is not working V/L under T.D notice issued to the party.
3d	Quantity of mineral reject generation	No proposal.	Nil	cummlative O.B = 1.33ha
3e	Grade of mineral rejects generation and threshold value declared.	No proposal.	Nil	Nil
3f	Quantity of sub grade mineral generation.	No proposal.	Nil	Nil
3g	Grade of sub grade mineral generation	No proposal.	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.	For require grade Low grade blend wih heigh grade	For require grade Low grade blend wih heigh grade	For require grade Low grade blend wih heigh grade
3j	Provision of drilling and blasting in mineral benches	Drilling and blasting	Drilling and blasting.	-

3k	Provision of mining machineries in mineral benches	manual	Manual	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	The height and width of overburden shall be in 3 m.	Nil	The height and width of overburden shall be in 3 m proposed in recent approved review M.P
3m	Total area covered under excavation/pits	3.26 ha.	3.26 ha	-
3n	Ore to OB ratio for the pit/mine during the year.	No proposal.	Nil	1 : 0.56
3o	Total area put in use under different heads at the end of year	No proposal.	Nil	At present 5.118 ha
3p	Production of ROM mineral during the last five year period as applicable	2012-13 = 34,180 T, 2013-14 =27,172 T 2014-15 =29,980 T 2015-16 No proposal. 2016-17 No proposal	2012-13 =6,750 T 2013-14 =27,015 T 2014-15 =28,340 T. 2015-16 =Lapsed period. 2016-17 =Nil	-
3q	General remarks of inspecting officers on method of mining etc.	open cast method	Open cast method.	Mine is not working V/L under T.D notice issued to the party.

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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 proposal.	Nil	At present Overburden dump 1.33 ha.
4b	Location of topsoil, OB and mineral reject dumps	Noth eastern part	North eastern part.	only overburden 1.33 ha

4c	Number of dumps within lease area and outside of lease area	Two dumps	Two dumps.	Two dumps within the lease area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	North eastern side of mining lease area.	North eastern side of the mining lease area.	North eastern side of the mining lease area.
4e	Number of active and alive dumps.	one dump	one dump	-
4f	Number of dead dumps.	No proposal.	Nil	No dead dumps
4g	Number of dumps established.	one dump	one dump	-
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	Nil	-
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	Nil	No proposal during the year.
4j	Number of settling ponds	No proposal.	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	No proposal.	Nil	No proposal. during the year.

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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.	No proposal.	Nil	The area is not matured for backfilling
5b	Area under backfilling of mined out area	No proposal.	Nil	The area is no matured for backfilling
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal.	Nil	There is no top soil generation.

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5d	Total area fully reclaimed and rehabilitated	No proposal.	Nil	The area is not matured for backfilling
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposal.	Nil	The area is not matured for backfilling

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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).	Yes, submitted.	yes ,submitted.	-
6b	Area available for rehabilitation (ha) .	No proposal.	Nil	Nil
6c	afforestation done (ha).	No proposal.	Nil	Afforestaion done on dump 0.075 ha
6d	No. of saplings planted during the year	No proposal.	Nil	cummulative no of 400 plants exists on dumps
6e	Cumulative no .of plants	No proposal.	Nil	cummulative no of 400 plants exists on dumps
6f	Any other method of rehabilitation	No proposal.	Nil	Nil
6g	Cost incurred on watch and care during the year	No proposal.	Nil	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal.	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	Nil	Nil

6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal.	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal.	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal.	Nil	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal.	Nil	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal.	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal.	Nil	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	PMCP submitted.	submitted.	Afforestation done on dump 0.075 ha

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Mineral Conservation:

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Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal.	Nil	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	manually	manually	-
7c	Different grade of mineral sorted out at mines.	10mm-40mm, 5mm-40mm.	Sorted out lumps & fines.	Sorted out lumps & fines.
7d	Any beneficiation process at mines	No proposal.	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	low grade blended with heigh grade for required grade.	low grade blended with heigh grade for required grade.	low grade blended with heigh grade for required grade.

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Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal.	Nil	There is no top soil generation.
8b	Concurrent use or storage of topsoil	No proposal.	Nil	There is no top soil generation.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	over Burden dump 1.33ha.	only over burden dump 1.33 ha.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	1.33 ha over burden dump is there.	1.33 ha over burden dump is there.

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	Nil	Mine is not matured for reclamation and rehabilitation stage.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal.	Plantation done on over burden dump.	Plantation done on over burden dump.
8g	Survival rate	No proposal.	0.075 ha	0.075 ha.
8h	Water sprinkling on roads to control airborne dust	Not specified.	Nil	Mine is not working V/L under T.D notice issued to the party.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No proposal.	Except degraded area rest of the area not disturbed.	Mine is not working V/L under T.D notice issued to the party.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly return not submitted and Nil Annual return submitted.	Nil	Monthly return not submitted and V/L letter issued to the party.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not submitted	Nil	Mine is not working V/L under T.D notice issued to the party.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not submitted.	Nil	Mine is not working V/L under T.D notice issued to the party.
9d	Scrutiny of Annual return on afforestation	Not submitted.	Nil	Mine is not working V/L under T.D notice issued to the party.

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not submitted. Nil	Mine is not working V/L under T.D notice issued to the party.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not submitted. Nil	Mine is not working V/L under T.D notice issued to the party.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not submitted Nil	Mine is not working V/L under T.D notice issued to the party.
9h	Scrutiny of Annual return on fixed assets	Not submitted. Nil	Mine is not working V/L under T.D notice issued to the party.
9k	Scrutiny of Annual return on mining machineries	Not submitted. Nil	Mine is not working V/L under T.D notice issued to the party.

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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
MCDR17	Rule 28(1)	30/06/2017			
MCDR17	Rule 45(5)(k)	30/06/2017			

**Date :**

(P.GURUVAIAH)

Indian Bureau of Mines