

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/KNL/FE-69/HYD

Mine code : 30APR11034

- (i) Name of the Inspecting : PG01) P.GURUVAIAH
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri K. Chandra Sekhar Reddy, Mines Manager.
Official with
Designation
- (iv) Date of Inspection : 16/10/2016
- (v) Prev.inspection date : 18/08/2011

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : MUDDAVARAM(6.200 HA)
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : KURNOOL
- Village :
- Taluka :
- Post office :
- Pin Code :
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** : BETHAMCHERLA
- (g) **First opening date** : 21/05/2009
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : PATI SARWESRA RAO
17/398 A, ROSANNA STREET,
GUNTAKAL-515801
3. (a) **Lease Number** : APR2790
- (b) **Lease area** : 6.2
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 18/03/2029
4. **Mineral worked** : IRON ORE Main

5. Name and Address of the

Lessee : PATI SARVESWARA RAO
H.NO.17/398 A ROSANNA
STREET GUNTAKAL ANANTAPUR
ANDHRA PRADESH
Phone:9848130094
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 15/04/2008
Plan/Scheme of Mining Modif.of approved Mining Plan 08/04/2011

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
1b	Exploration over lease area for geological axis 1 or 2	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
1e	Balance reserve as on 01/04/20	No proposal.	1184847 T (111) 1176001 T(211)	Mining scheme is due so V/L cum show cause notice issued to the party.
1f	General remarks of inspecting officers on geology, exploration etc	No proposal.	Total area covered with float ore.	Mining scheme is due so V/L cum show cause notice issued to the party.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal.	Two pits with size 1. 250 x70 x10m . 2. 10x3 x6m	Mining scheme is due so V/L cum show cause notice issued to the party.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal.	One bench in O.B and one bench in ore.	Mining scheme is due so V/L cum show cause notice issued to the party.
2c	Stripping ratio or ore to OB ratio	No proposal.	1 : 0.17	Mining scheme is due so V/L cum show cause notice issued to the party.

2d	Quantity of topsoil generation in m3	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
2e	Quantity of overburden generation in m3	No proposal.	1200 cum.	Mining scheme is due so V/L cum show cause notice issued to the party.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No proposal.	float ore type.	Mining scheme is due so V/L cum show cause notice issued to the party.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party and mine is not working.
3b	Quantity of ROM mineral production proposed	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party and mine is not working..
3c	Recovery of sailable/usable mineral from ROM production	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party and mine is not working.
3d	Quantity of mineral reject generation	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
3e	Grade of mineral rejects generation and threshold value declared.	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
3f	Quantity of sub grade mineral generation.	No proposal.	3690 cum	Mining scheme is due so V/L cum show cause notice issued to the party and mine is not working.

3g	Grade of sub grade mineral generation	No proposal.	3690 cum	Mining scheme is due so V/L cum show cause notice issued to the party and mine is not working
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal.	Nil	Mine is not working and mining scheme is due so V/L cum show cause notice issued to the party.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal.	Nil	Mine is not working and mining scheme is due so V/L cum show cause notice issued to the party..
3j	Provision of drilling and blasting in mineral benches	no proposal.	Nil	Mine is not working and mining scheme is due so V/L cum show cause notice issued to the party.
3k	Provision of mining machineries in mineral benches	No proposal.	Nil	Mine is not working and mining scheme is due so V/L cum show cause notice issued to the party.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal.	Nil	Mine is not working and mining scheme is due so V/L cum show cause notice issued to the party.
3m	Total area covered under excavation/pits	No proposal.	Nil	Mine is not working and mining scheme is due so V/L cum show cause notice issued to the party.
3n	Ore to OB ratio for the pit/mine during the year.	No proposal	Nil	Mine is not working and mining scheme is due so V/L cum show cause notice issued to the party.
3o	Total area put in use under different heads at the end of year	No proposal.	Nil	Mine is not working and mining scheme is due so V/L cum show cause notice issued to the party.

3p	Production of ROM mineral during the last five year period as applicable	2011-12 =5000 ; 2012-13 = ; 2011-12 =326757 MT; 2012-13 =244586 MT ; 2013-14 = 328300 MT ; 2014-15 =Nil ; 2015-16 =Nil ;	2011-12 = Nil ; 2012-13 = 8000 T ; 2013-14 =12705 T ; 2014-15 =NIL ; 2015-16 = NIL ;	Mine is not working and mining scheme is due so V/L cum show cause notice issued to the party.
3q	General remarks of inspecting officers on method of mining etc.	No proposal.	Nil	Mine is not working and mining scheme is due so V/L cum show cause notice issued to the party.

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	Mining scheme is due so V/L cum show cause notice issued to the party.
4b	Location of topsoil, OB and mineral reject dumps	No proposal.	No topsoil, one waste dump is there in south east of the pit with 1200 Cum.	Mining scheme is due so V/L cum show cause notice issued to the party.
4c	Number of dumps within lease area and outside of lease area	No proposal.	one dump wih in the lease.	Mining scheme is due so V/L cum show cause notice issued to the party.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal.	Presently one pit is there with in the M.L.	Mining scheme is due so V/L cum show cause notice issued to the party.
4e	Number of active and alive dumps.	No proposal.	only one active dump	Mining scheme is due so V/L cum show cause notice issued to the party.
4f	Number of dead dumps.	No proposal.	None.	Mining scheme is due so V/L cum show cause notice issued to the party.

4g	Number of dumps established.	No proposal.	one dump.	Mining scheme is due so V/L cum show cause notice issued to the party.
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
4j	Number of settling ponds	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
4k	Specific comments of inspecting officer on waste dump management	No proposal.	one old dump is there.	Mining scheme is due so V/L cum show cause notice issued to the party.

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	Mining scheme is due so V/L cum show cause notice issued to the party.
5b	Area under backfilling of mined out area	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
5d	Total area fully reclaimed and rehabilitated	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.

5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposal	Area is not matured for back filling.	Mining scheme is due so V/L cum show cause notice issued to the party.
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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).	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
6b	Area available for rehabilitation (ha) .	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
6c	afforestation done (ha).	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
6d	No. of saplings planted during the year	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
6e	Cumulative no .of plants	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
6f	Any other method of rehabilitation	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
6g	Cost incurred on watch and care during the year	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
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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 proposal.	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal.	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
7c	Different grade of mineral sorted out at mines.	No proposal.	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
7d	Any beneficiation process at mines .	No proposal	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No proposal.	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No proposal.	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
8b	Concurrent use or storage of topsoil	No proposal.	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	only one old dump.	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal.	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
8g	Survival rate	No proposal.	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
8h	Water sprinkling on roads to control airborne dust	No proposal.	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No proposal.	Except degraded land other area is not distrubed.	Mine is not working, mining sheme is due so V/L cum show cause 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	Nil Monthly Annual returns submitted.	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	yes	yes	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
9d	Scrutiny of Annual return on afforestation	Nil	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil	Mine is not working, mining sheme is due so V/L cum show cause notice issued to the party.

9h	Scrutiny of Annual return on fixed assets	Nil	Nil	Mine is not working, mining scheme is due so V/L cum show cause notice issued to the party.
9k	Scrutiny of Annual return on mining machineries	Nil	Nil	Mine is not working, mining scheme is due so V/L cum show cause notice issued to the party.

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
Rule 12(3)	09/12/2016				
Rule 13(1)	09/12/2016				
Rule 24	09/12/2016				

Date :**(P.GURUVAIAH)**

Indian Bureau of Mines