

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/VZNR/MN-132/HYD

Mine code : 40APR20064

- (i) Name of the Inspecting : **C\$10**) **Ch.Suseela**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri.Satya Rao, Geologist
Official with
Designation
- (iv) Date of Inspection : 21/11/2017
- (v) Prev.inspection date : 07/03/2012

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GADABAVALASA**
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : VIZIANAGARAM
- Village :
- Taluka :
- Post office :
- Pin Code :
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** :
- (g) **First opening date** : 10/11/2009
- (h) **Weekly day of rest** :
2. **Address for correspondance** : H.NO: 3-211, B4/B, MIG PLOT, GODAVARI DEVI NAGAR
CHEEPURUPALLE,
VIZIANAGARAM DT.
3. (a) **Lease Number** : APR0256
- (b) **Lease area** : 12.69
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 31/12/2029
4. **Mineral worked** : MANGANESE ORE Main

5. Name and Address of the

Lessee : PRADEEP CHANDRA DEO
3-211, B4/B MIG PLOT,
GODAVARI DEVI NAGAR,
CHEEPURUPALLE, VIZIANAGARAM
DT. VIZIANAGARAM ANDHRA
PRADESH
Phone:
FAX :

6. Date of approval of Mining : Renewal under rule 24 MCR1960 20/01/2015
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	29 DTH and 2 core drill	NIL	The mining operations have not been commenced since the approval of the Mining Plan.
1b	Exploration over lease area for geological axis 1 or 2	12 DTH	NIL	The mining operations have not been commenced since the approval of the Mining Plan.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	_____	_____	
1d	Balance area to be explored to bring Geological axis in 1 or 2	_____	11.69 ha	
1e	Balance reserve as on 01/04/20	55896.344 tonnes	55896.344 tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	_____	_____	_____

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Along section lines A A' to BB'	NIL	The mining operations have not been commenced since the approval of the Mining Plan.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	Yes	
2c	Stripping ratio or ore to OB ratio	1:1.3	NIL	The mining operations have not been commenced since the approval of the Mining Plan.

2d	Quantity of topsoil generation in m3	NIL	NIL	
2e	Quantity of overburden generation in m3	NIL	NIL	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	_____	_____	The mining operations have not been commenced since the approval of the Mining Plan.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One Pit	One Pit	
3b	Quantity of ROM mineral production proposed	12095 tonnes	NIL	
3c	Recovery of sailable/usable mineral from ROM production	53%	NIL	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	Not Applicable	Not Applicable	
3f	Quantity of sub grade mineral generation.	NIL	NIL	
3g	Grade of sub grade mineral generation	Not Applicable	Not Applicable	
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.	NIL	NIL	
3j	Provision of drilling and blasting in mineral benches	YES	NIL	The mining operations have not been commenced since the approval of the Mining Plan.
3k	Provision of mining machineries in mineral benches	Yes, Drifter drill with compressor, tippers, Excavators etc.	NIL	The mining operations have not been commenced since the approval of the Mining Plan.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, 3m ht	NIL	The mining operations have not been commenced since the approval of the Mining Plan.
3m	Total area covered under excavation/pits	1.0 ha	1.0 ha	
3n	Ore to OB ratio for the pit/mine during the year.	1:1.3	NIL	
3o	Total area put in use under different heads at the end of year	4.90 ha	3.05 ha	The mining operations have not been commenced since the approval of the Mining Plan.
3p	Production of ROM mineral during the last five year period as applicable	2012-13-NIL, 2013-14--NIL, 2014-15--11798 T, 2015-16--10982 T, 2016-17--12095T	2012-13-NIL, 2013-14--NIL, 2014-15--NIL, 2015-16--NIL, 2016-17--NIL	
3q	General remarks of inspecting officers on method of mining etc.	_____	_____	The mining operations have not been commenced since the approval of the Mining Plan.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes, Waste dump	Yes, Waste dump	
4b	Location of topsoil, OB and mineral reject dumps	Northern side of ML area	NIL	The mining operations have not been commenced since the approval of the Mining Plan.
4c	Number of dumps within lease area and outside of lease area	One dump	NIL	The mining operations have not been commenced since the approval of the Mining Plan.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Beyond UPL	NIL	The mining operations have not been commenced since the approval of the Mining Plan.
4e	Number of active and alive dumps.	One active dump	NIL	
4f	Number of dead dumps.	NIL	NIL	
4g	Number of dumps established.	NIL	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	Yes	NIL	The mining operations have not been commenced since the approval of the Mining Plan.
4i	Length of Retaining wall or garland drain all along dumps	Not specific	NIL	
4j	Number of settling ponds	NIL	NIL	
4k	Specific comments of inspecting officer on waste dump management	_____	_____	The mining operations have not been commenced since the approval of the Mining Plan.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	NIL	NIL	
5b	Area under backfilling of mined out area	NIL	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NIL	NIL	
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	_____	_____	The mining operations have not been commenced since the approval of the Mining Plan.

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	NIL	The mining operations have not been commenced since the approval of the Mining Plan.
6b	Area available for rehabilitation (ha) .	NIL	NIL	
6c	afforestation done (ha).	NIL	NIL	
6d	No. of saplings planted during the year	NIL	NIL	
6e	Cumulative no .of plants	NIL	NIL	
6f	Any other method of rehabilitation	NIL	NIL	
6g	Cost incurred on watch and care during the year	NIL	NIL	

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NIL	NIL	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NIL	NIL	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	NIL	NIL	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NIL	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NIL	NIL	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	250 plants	NIL	The mining operations have not been commenced since the approval of the Mining Plan.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NIL	NIL	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NIL	NIL	

6p	Compliance of environmental monitoring (core zone and buffer zone)	Yes	NIL	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	_____	_____	The mining operations have not been commenced since the approval of the Mining Plan.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise sorting	NIL	The mining operations have not been commenced since the approval of the Mining Plan.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	NIL	The mining operations have not been commenced since the approval of the Mining Plan.
7c	Different grade of mineral sorted out at mines.	Not Specific	NIL	
7d	Any beneficiation process at mines .	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	_____	_____	The mining operations have not been commenced since the approval of the Mining Plan.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NIL	NIL	

8b	Concurrent use or storage of topsoil	NIL	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes, waste dump	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	NIL	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NIL	NIL	
8g	Survival rate	_____	NIL	
8h	Water sprinkling on roads to control airborne dust	NIL	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	_____	_____	_____

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	The lessee is not submitting monthly and Annual Returns	The lessee is not submitting monthly and Annual Returns	The mining operations have not been commenced since the approval of the Mining Plan.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Does not arise	Does not arise
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Does not arise	Does not arise
9d	Scrutiny of Annual return on afforestation	Does not arise	Does not arise
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Does not arise	Does not arise
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Does not arise	Does not arise
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Does not arise	Does not arise
9h	Scrutiny of Annual return on fixed assets	Does not arise	Does not arise
9k	Scrutiny of Annual return on mining machineries	Does not arise	Does not arise

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 :
(Ch.Suseela)

Indian Bureau of Mines