

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/VZNR/MN-135/HYD

Mine code : 40APR20082

- (i) Name of the Inspecting : **C\$10**) **Ch.Suseela**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri.K.Venkateswara Rao, Lessee
Official with
Designation
- (iv) Date of Inspection : 20/10/2016
- (v) Prev.inspection date : 09/03/2012

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **RAMACHANDRAPURAM(4.165 HA**
- (b) **Registration NO.** : **IBM/18662/2014**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : **ANDHRA PRADESH**
District : **VIZIANAGARAM**
Village : **RAMCHANDRAPURAM**
Taluka : **TERLAM**
Post office : **VELAGAVALLASA**
Pin Code :
FAX No. :
E-mail :
Phone : **9393510159**
- (f) Police Station :
- (g) First opening date : 01/01/2010
- (h) Weekly day of rest :
2. Address for : S/o Giri Raju,H.No: 8-3-981/2, B-202,
correspondance : Ambience Avenue, Srinagar Colony,
Hyderabad-500 073.
3. (a) Lease Number : APR3142
- (b) Lease area : 4.16
- (c) Period of lease : 20
- (d) Date of Expiry : 18/06/2029
4. Mineral worked : **MANGANESE ORE** Main

5. Name and Address of the

Lessee : K.Venkateswara Rao
S/o Giri Raju,
H.No: 8-3-981/2, B-202,
Ambience Avenue, Srinagar
Co Hyderabad-500 073.
HYDERABAD TELANGANA
Phone:
FAX :

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 28/05/2015
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	None	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
1b	Exploration over lease area for geological axis 1 or 2	7 Bore Holes	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Specific	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.

1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	About 4.0 ha	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
1e	Balance reserve as on 01/04/20	18458 tonnes	18458 tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	_____	_____	No Mining operations are observed during the day of inspection. Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Around exiting pit 3088 m2	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	Yes	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
2c	Stripping ratio or ore to OB ratio	1:33.27	_____	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
2d	Quantity of topsoil generation in m3	No proposal	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
2e	Quantity of overburden generation in m3	4959 m3 (Soil OB) + 1142 (Mineral Waste)	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	_____	_____	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One Pit	One Pit	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
3b	Quantity of ROM mineral production proposed	1126 m3	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.

3c	Recovery of sailable/usable mineral from ROM production	62%	_____	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
3d	Quantity of mineral reject generation	38%	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.14
3e	Grade of mineral rejects generation and threshold value declared.	<10%	_____	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
3f	Quantity of sub grade mineral generation.	No Proposal	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.

3g	Grade of sub grade mineral generation	Not Applicable	Not Applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	'A' other than fully mechanized	'A' other than fully mechanized	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposal	NIL	
3j	Provision of drilling and blasting in mineral benches	No Proposal	NIL	
3k	Provision of mining machineries in mineral benches	One Rock Breaker, One Excavator and two Tippers of 10 tons each	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, 3m ht	Yes, 3m ht	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.

3m	Total area covered under excavation/pits	Not Specific	0.37 ha	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
3n	Ore to OB ratio for the pit/mine during the year.	1:3.27	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
3o	Total area put in use under different heads at the end of year	0.651 ha	0.37 ha	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
3p	Production of ROM mineral during the last five year period as applicable	2011-12---6577 t, 2012-13---- 7101 t, 2013-14---8152 t, 2014-15--- Lapse Period, 2015-16---- 3006.95 t	2011-12---1200 t, 2012-13----950 t, 2013-14--- NIL, 2014-15--- NIL, 2015-16----NIL	

3q	General remarks of inspecting officers on method of mining etc.	_____	_____	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
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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)	One OB dump	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
4b	Location of topsoil, OB and mineral reject dumps	N 00 - 150 N 00 - 150 E 150 - 250 One dump	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.

4c	Number of dumps within lease area and outside of lease area	One dump within lease area	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	N 00 - 150 E 150 - 250	NIL	
4e	Number of active and alive dumps.	One	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.	Proposed	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
4i	Length of Retaining wall or garland drain all along dumps	NIL	NIL	
4j	Number of settling ponds	NIL	NIL	

4k	Specific comments of inspecting officer on waste dump management			Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
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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	
5b	Area under backfilling of mined out area	N.A	N.A	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	N.A	N.A	
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	Not submitted	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
6b	Area available for rehabilitation (ha) .	No Proposal	NIL	
6c	afforestation done (ha).	No Proposal	NIL	
6d	No. of saplings planted during the year	No Proposal	NIL	
6e	Cumulative no .of plants	No Proposal	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	No Proposal	NIL	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No Proposal	NIL	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No Proposal	NIL	

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Proposal	NIL	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No Proposal	NIL	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	60 plants	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No Proposal	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)	NIL	NIL	

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
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Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Manual sorting within lease area	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
7c	Different grade of mineral sorted out at mines.	No Proposal	NIL	
7d	Any beneficiation process at mines	NIL	NIL	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	_____	_____	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Top Soil generation is negligible	NIL	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.
8b	Concurrent use or storage of topsoil	NIL	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	One dump for OB	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal	NIL	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NIL	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	60 Plants	NIL	
8g	Survival rate	N.A	N.A	
8h	Water sprinkling on roads to control airborne dust	No proposal	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	_____	_____	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	The Lessee has not submitted Monthly Returns from September, 2016 onwards and Annual Return for the year 2015-16	Violation letter has been issued for Rule 45(5)(a)(i) and 45(5)(b)(i) of MCDR, 1988	Mining operations were suspended w.e.f 24.3.2014 consequent to the task force inspection and revoked on 17.6.2015. However, the lessee has not started mining operations till the date of inspection.

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

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 13(1)	20/12/2016				
Rule 45(5)(a)	20/12/2016				
Rule 45(5)(b)	20/12/2016				

Date :

(Ch.Suseela)

Indian Bureau of Mines