

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/KNL/FE-57/HYD

Mine code : 30APR11022

- (i) Name of the Inspecting : PG01) P.GURUVAIAH
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri R.V. Ramana,Superviser,
Official with
Designation
- (iv) Date of Inspection : 16/10/2016
- (v) Prev.inspection date : 20/05/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : RAMALLAKOTA(4.735 HA)
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : KURNOOL
- Village : RAMALLAKOTA
- Taluka : DHONE
- Post office : VELDURTHY
- Pin Code :
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** : VELDURTHY
- (g) **First opening date** : 18/12/2006
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : G.LAKSHMINARAYANA
7/56, OPP: ELEMENTARY SCHOOL
VELDURTHY-518216,KURNOOL DISTRICT.
3. (a) **Lease Number** : APR2758
- (b) **Lease area** : 4.74
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 09/11/2026
4. **Mineral worked** : IRON ORE Main

5. Name and Address of the

Lessee : G.LAKSHMI NARAYANA
H.NO.1105, 10 TH MAIN, RPC
LAYOUT bANGALORE BANGALORE
KARNATAKA
Phone:
FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	23/08/2006
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	01/02/2008
	:	Mining Scheme rule 12 MCDR1988	25/09/2013

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/S 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/S 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/S 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/S cum show cause notice issued to the party.
1e	Balance reserve as on 01/04/20	No proposal.	8871 T	Mining scheme is due so V/S cum show cause notice issued to the party.
1f	General remarks of inspecting officers on geology, exploration etc	No proposal	Nil	Mining scheme is due so V/S 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	In C-C, 412 to 391 RL 7 benches in N-S direction In D-D, 406 to 403 RL 1 bench in N-S direction.	4 benches formed with 5 m width.	Mining scheme is due so V/S cum show cause notice issued to the party.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	yes	yes	Mining scheme is due so V/S cum show cause notice issued to the party.

2c	Stripping ratio or ore to OB ratio	1 :1.86	1 :1.86	Mining schemeis due so V/S cum show cause notice issued to the party.
2d	Quantity of topsoil generation in m3	No proposal.	Nil	Mining schemeis due so V/S cum show cause notice issued to the party.
2e	Quantity of overburden generation in m3	10835 T	Nil	Mining schemeis due so V/S 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	In C-C section 412 to 391 7 m width. In D-D section 406 to 403 1 N-S	4 Benches formed with 5	Mining schemeis due so V/S cum show cause notice issued to the party.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit	One pit	Mining schemeis due so V/S cum show cause notice issued to the party.
3b	Quantity of ROM mineral production proposed	4968 T	1000 T	Mining schemeis due so V/S cum show cause notice issued to the party.
3c	Recovery of sailable/usable mineral from ROM production	Not Specified.	40%	Mining schemeis due so V/S cum show cause notice issued to the party.
3d	Quantity of mineral reject generation	10835 T	Nil	Mining schemeis due so V/S cum show cause notice issued to the party.
3e	Grade of mineral rejects generation and threshold value declared.	Not Specified.	Nil	Mining schemeis due so V/S cum show cause notice issued to the party.

3f	Quantity of sub grade mineral generation.	No proposal.	Nil	Mining schemeis due so V/S cum show cause notice issued to the party.
3g	Grade of sub grade mineral generation	No proposal.	Nil	Mining schemeis due so V/S cum show cause notice issued to the party.
3h	Manual / Mechanised method adopted for segregating from ROM	crushing &screening	Crushing &Screening.	Mining schemeis due so V/S cum show cause notice issued to the party.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not specified.	Nil	Mining schemeis due so V/S cum show cause notice issued to the party.
3j	Provision of drilling and blasting in mineral benches	Drifter drilling & blasting.	Drifter drilling &blasting.	Mining schemeis due so V/S cum show cause notice issued to the party.
3k	Provision of mining machineries in mineral benches	Nil	Nil	Mining schemeis due so V/S 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	YES	YES	Mining schemeis due so V/S cum show cause notice issued to the party.
3m	Total area covered under excavation/pits	1.52 ha	1.20 ha	Mining schemeis due so V/S cum show cause notice issued to the party.
3n	Ore to OB ratio for the pit/mine during the year.	1 :1.86	1 :1.50	Mining schemeis due so V/S cum show cause notice issued to the party.
3o	Total area put in use under different heads at the end of year	4.735 ha	3.84 ha	Mining schemeis due so V/S cum show cause notice issued to the party.

3p	Production of ROM mineral during the last five year period as applicable	2014-15 =4903 T 2015-16 =4968 T	2011-12 =20715 T 2012-13 =30670 T 2013-14 =5745 T 2014-15 =2023 T 2015-16 =1000 T.	Mining schemeis due so V/S cum show cause notice issued to the party.
3q	General remarks of inspecting officers on method of mining etc.	open cost method	open cost method.	Mining schemeis due so V/S 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 top soil dump	None.	Mining scheme is due so V/L cum show cause notice issued to the party.
4b	Location of topsoil, OB and mineral reject dumps	39480 T	920 T	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	Two dumps.	Two dumps.	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)	North east side of the ML area.	North east side of the ML ML area.	Mining scheme is due so V/L cum show cause notice issued to the party.
4e	Number of active and alive dumps.	One dump	One dump.	Mining scheme is due so V/L cum show cause notice issued to the party.
4f	Number of dead dumps.	one	one	Mining scheme is due so V/L cum show cause notice issued to the party.
4g	Number of dumps established.	One dump	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.	Retaining wall around the existing dump and proposed dump.	40 m Length along the toe of the existing dump. D-1, and 60m length along toe of active dump D-2.	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	Around the existing dump and proposed dump. total 183 m	40 m Length along the toe of the existing dump. D-1, and 60m length along toe of active dump D-2. total 100m.	Mining scheme is due so V/L cum show cause notice issued to the party.
4j	Number of settling ponds	None	None.	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	Not specified.	Plantation done on existing dump.	Mining scheme is due so V/L cum show cause notice issued to the party.

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	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.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.

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).	1.30 ha	0.84 ha	Mining scheme is due so V/L cum show cause notice issued to the party.
6d	No. of saplings planted during the year	130 saplings.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
6e	Cumulative no .of plants	1300 plants.	200 plants.	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	Rs=6,500/	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 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	0.13 ha	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.	Nil	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Yes.	Yes.	Mining scheme 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.	Mechanical	Mechanical.	Mining scheme is due so V/L cum show cause notice issued to the party.
7c	Different grade of mineral sorted out at mines.	Yes.	yes.	Mining scheme is due so V/L cum show cause notice issued to the party.
7d	Any beneficiation process at mines .	Sorting,Crushing and Screening.	Sorting,Crushing and Screening.	Mining scheme 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	Sorting,Crushing and Screening.	Sorting,Crushing and Screening.	Mining scheme is due so V/L cum show cause notice issued to the party.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
8b	Concurrent use or storage of topsoil	No proposal.	Nil	Mining scheme 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)	yes	Yes.	Mining scheme 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	Mining scheme 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	Mining scheme 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)	1300 Plantation	200 plantation.	Mining scheme is due so V/L cum show cause notice issued to the party.
8g	Survival rate	1300 no. plantation	200 no. plantation.	Mining scheme is due so V/L cum show cause notice issued to the party.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Nil return submitted.	Nil	Mining scheme 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.	Mining scheme 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.	Yes.	Yes.	Mining scheme is due so V/L cum show cause notice issued to the party.

9d	Scrutiny of Annual return on afforestation	yes.	yes.	Mining scheme 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)	Yes.	yes.	Mining scheme 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	yes.	yes.	Mining scheme 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	Not specified.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
9h	Scrutiny of Annual return on fixed assets	Not specified.	Nil	Mining scheme is due so V/L cum show cause notice issued to the party.
9k	Scrutiny of Annual return on mining machineries	Not given	Nil	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)	15/11/2016				
Rule 13(1)	15/11/2016				
Rule 24	15/11/2016				

Date :**(P.GURUVAIAH)**

Indian Bureau of Mines