

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

MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-194/HYD

Mine code : 38APR11173

- (i) Name of the Inspecting : PG01) P.GURUVAIAH
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : SRI C. SURESH, SUPERVISOR.
Official with
Designation
- (iv) Date of Inspection : 15/02/2018
- (v) Prev.inspection date : 11/05/2017

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : NANADAVARAM&VENK(4.04 8HA
- (b) **Registration NO.** : IBM/14300/2012
- (c) **Category** : A Other than Fully Mech.
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : KURNOOL
- Village : NANADAVARAM
- Taluka : BANAGANAPALLY
- Post office : NANADAVARAM
- Pin Code : 518124
- FAX No. :
- E-mail :
- Phone : 08515-267539
- (f) **Police Station** : BANGANAPALLI
- (g) **First opening date** : 02/07/2012
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : T.SREE RAMULU, H.NO:7-15-7
NEAR COURT, DHONE(V&P)
KURNOOL DT.
3. (a) **Lease Number** : APR3287
- (b) **Lease area** : 4.05
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 18/01/2032
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : T.SREE RAMULU
H.NO:7-15-7, NEAR COURT,
DHONE(V&PO) KURNOOL DT
KURNOOL ANDHRA PRADESH
Phone:
FAX :

6. Date of approval of Mining : Modif.of approved Mining Plan 27/03/2015
Plan/Scheme of Mining MP review under 17(1) MCR 2016 04/08/2017

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal.	Nil	Nil
1b	Exploration over lease area for geological axis 1 or 2	No proposal.	Nil	-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal.	Nil	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal.	Nil	-
1e	Balance reserve as on 01/04/20	1,94,883 Tonnes.	68,183 Tonnes.	-
1f	General remarks of inspecting officers on geology, exploration etc	The Tuffaceous limestone is occurring in the form of powder,pebble /lumps at bottom	The Tuffaceous limestone is occurring in the form of powder,pebble /lumps at bottom	-

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	section lines A-A, to C-C,	section lines A-A, to C-C, C,	-
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	4 benches	one bench with 5 m	-
2c	Stripping ratio or ore to OB ratio	1 : 0 .14	1 : 0 .14	-
2d	Quantity of topsoil generation in m3	3,350 cum	Nil	-
2e	Quantity of overburden generation in m3	No proposal.	Nil	-

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	The Tuffaceous limestone is occurring in the form of powder,pebble /lumps at bottom	The Tuffaceous limestone is occurring in the form of powder,pebble /lumps at bottom	-
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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	54,225 tonnes	1,26,700 tonnes.	voilation pointed to the party.
3c	Recovery of sailable/usable mineral from ROM production	No proposal.	90 %	-
3d	Quantity of mineral reject generation	No proposal.	Nil	-
3e	Grade of mineral rejects generation and threshold value declared.	No proposal.	Nil	-
3f	Quantity of sub grade mineral generation.	No proposal.	No sub grade mineral generation.	-
3g	Grade of sub grade mineral generation	No proposal.	No sub grade mineral generation.	-
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanaised method	Mechanaised method	-
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	With the help of excavator.	With the help of excavator.	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes	yes.	-
3m	Total area covered under excavation/pits	2.8 ha	3.2 ha	-
3n	Ore to OB ratio for the pit/mine during the year.	No proposal.	Nil	-
3o	Total area put in use under different heads at the end of year	3.482 ha	3 .482 ha	-
3p	Production of ROM mineral during the last five year period as applicable	2016-17- 54,225 tonnes	2016-17 : 1,26,700 tonnes.	-
3q	General remarks of inspecting officers on method of mining etc.	OTFM method	OTFM method.	-

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	Nil
4b	Location of topsoil, OB and mineral reject dumps	No proposal.	Nil	Nil
4c	Number of dumps within lease area and outside of lease area	No proposal.	Nil	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal.	Nil	Nil

4e	Number of active and alive dumps.	No proposal.	Nil	Nil
4f	Number of dead dumps.	No proposal.	Nil	Nil
4g	Number of dumps established.	No proposal.	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	Nil	Nil
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	Nil	Nil
4j	Number of settling ponds	No proposal.	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	No proposal.	Nil	Nil

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	Nil
5b	Area under backfilling of mined out area	No proposal.	Nil	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal.	Nil	Nil
5d	Total area fully reclaimed and rehabilitated	No proposal.	Nil	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposal.	Nil	Nil

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	yes	-
6b	Area available for rehabilitation (ha) .	No proposal.	Nil	Nil
6c	afforestation done (ha).	150 no of plants	50 no plants	-
6d	No. of saplings planted during the year	150 no of plants	50 no of plants.	-
6e	Cumulative no .of plants	150 no of plants	50 no plants	-
6f	Any other method of rehabilitation	No proposal.	Nil	nil
6g	Cost incurred on watch and care during the year	7500/	5000/	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)Afforestati 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.	150 no of plants	50 no of plants.	-

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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.	No proposal.	Nil	Nil
7c	Different grade of mineral sorted out at mines.	No proposal.	Nil	Nil

7d	Any beneficiation process at mines	No proposal.	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No proposal.	Mining activities carried out systematically.	Nil

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal.	Nil	Nil
8b	Concurrent use or storage of topsoil	No proposal.	Nil	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	Nil	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Nil	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	Nil	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal.	50 no plants observed along boundary.	50 no plants observed along boundary.

8g	Survival rate	No proposal.	50 no plants observed along boundary.	50 no plants observed along boundary.
8h	Water sprinkling on roads to control airborne dust	The dust generated due to fly of vehicle is suppressed by regular water sprinkling on haul Roads.	The dust generated due to fly of vehicle is suppressed by regular water sprinkling on haul Roads.	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	General aesthetic beauty was observed in and around the mine.	General aesthetic beauty was observed in and around the mine.	General aesthetic beauty was observed in and around the mine.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	YES	YES	-
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	YES	No mining Engineer, No Geologist.	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	No propsal. not given.	Not given.	-
9d	Scrutiny of Annual return on afforestation	150 no of plants.	50 plants.	-
9k	Scrutiny of Annual return on mining machineries	Excavetor, tipp ers.	Excavetor, tippers.	-

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 11(1)	09/03/2018			

Date :

(P.GURUVAIAH)

Indian Bureau of Mines