

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

**MCDR INSPECTION REPORT**

**Hyderabad regional office**

**Mine file No :** AP/GNR/LST-30/HYD

**Mine code :** 38APR07033

- (i) Name of the Inspecting : PG01 ) P.GURUVAIAH  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : M.Ramu, Lessee,s Son.  
Official with  
Designation
- (iv) Date of Inspection : 10/03/2017
- (v) Prev.inspection date : 11/09/2015

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : KONANKI
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : GUNTUR
- Village : KONANKI
- Taluka : PIDIGURALLA
- Post office : PIDUGURALLA
- Pin Code : 522413
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** :
- (g) **First opening date** : 01/01/2000
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : M.ADINARAYANA LIMESTONE MINE,  
KONANKI, PIDUGURALLA (M)  
GUNTUR DIST
3. (a) **Lease Number** : APR1378
- (b) **Lease area** : 2.98
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 29/12/2019
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : M.ADINARAYANA  
S/O BUTCHAI AH PIDUGURALLA  
(P.O) GUNTUR DIST GUNTUR  
ANDHRA PRADESH  
Phone:  
FAX :

Owner : M.ADINARAYANA  
S/O BUTCHAI AH PIDUGURALLA  
(P.O) GUNTUR DIST GUNTUR  
ANDHRA PRADESH  
Phone:  
FAX :

6. Date of approval of Mining : Renewal under rule 24 MCR1960 09/01/2008  
Plan/Scheme of Mining

## 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	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal.	Nil	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal.	Nil	Nil
1e	Balance reserve as on 01/04/20	1,28,268 Tons.	1,28,268 Tons.	1,28,268 Tons.
1f	General remarks of inspecting officers on geology, exploration etc	No proposal.	Nil	Nil

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal.	South east	South east.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal.	1 Bench in O.B 2 Benchs in ore.	1 Bench in O.B 2 Benchs in ore.
2c	Stripping ratio or ore to OB ratio	No proposal.	1 : 0.1	1 : 0.1
2d	Quantity of topsoil generation in m3	No proposal.	Nil	Nil
2e	Quantity of overburden generation in m3	No proposal.	Nil	Nil

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No proposal.	1 pit Suoth east workings bedded deposit.	1 pit Suoth east workings bedded deposit.
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**Exploitation:**

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1 pit	1 pit	1 pit
3b	Quantity of ROM mineral production proposed	No proposal.	61,250 Tons.	61,250 Tons.
3c	Recovery of sailable/usable mineral from ROM production	No proposal.	Annual return submitted.	Annual return submitted.
3d	Quantity of mineral reject generation	No proposal.	Nil	Nil
3e	Grade of mineral rejects generation and threshold value declared.	No proposal.	Nil	Nil
3f	Quantity of sub grade mineral generation.	No proposal.	Nil	Nil
3g	Grade of sub grade mineral generation	No proposal.	Nil	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal.	Nil	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal.	Nil	Nil
3j	Provision of drilling and blasting in mineral benches	No proposal.	Manual when hard limestone, apply drilling and blasting.	Manual when hard limestone, apply drilling and blasting.

3k	Provision of mining machineries in mineral benches	No proposal.	Nil	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal.	yes	yes
3m	Total area covered under excavation/pits	No proposal.	1.92ha	1.92ha
3n	Ore to OB ratio for the pit/mine during the year.	No propowsal.	1 : 0.18	1 : 0.18
3o	Total area put in use under different heads at the end of year	No proposal.	Nil	Nil
3p	Production of ROM mineral during the last five year period as applicable	No proposal.	2011-12 = 35,620 Tons; 2012-13 =66,120 Tons ; 2013-14 = 73,700 Tons; 2014-15 =1,29,500 Tons; 2015-16 =61,250 Tons.	2011-12 = 35,620 Tons; 2012-13 =66,120 Tons ; 2013-14 = 73,700 Tons; 2014-15 =1,29,500 Tons; 2015-16 =61,250 Tons.
3q	General remarks of inspecting officers on method of mining etc.	No proposal;	Open cast Method.	Open cast Method.

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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)	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	N.A	Nil	Nil

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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	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	Area is not Matured for Backfilling.
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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).	yes	yes.	yes.
6b	Area available for rehabilitation (ha) .	No proposal.	Area is not Matured	Area is not Matured
6c	afforestation done (ha).	No proposal.	Nil	Nil
6d	No. of saplings planted during the year	No proposal.	Nil	Nil
6e	Cumulative no .of plants	No proposal.	Nil	Nil
6f	Any other method of rehabilitation	No proposal.	Nil	Nil
6g	Cost incurred on watch and care during the year	No proposal.	Nil	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) Afforestation 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.	yes	yes	yes.

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Mineral Conservation:

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Sl.No.	Item	Propasals	Actual work	Remarks
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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	No processing is made the Rom is directly sold to user agencies in lumpy form.	No processing is made the Rom is directly sold to user agencies in lumpy form.

## 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.	The quantity of soil generation is negligible.	The quantity of soil generation is negligible.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	Whatever the Silicious Lime stone as mineral reject generated is utilised for roads.	Whatever the Silicious Lime stone as mineral reject generated is utilised for roads.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Whatever the Silicious Lime stone as mineral reject generated is utilised for roads.	Whatever the Silicious Lime stone as mineral reject generated is utilised for roads.

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	The area is not matured for rehabilitation.	The area in not maturede for rehabilitation.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal.	Nil	Nil
8g	Survival rate	No proposal.	Western boundary was planted with 16 plants. but no plantation was raised.	Western boundary was planted with 16 plants. but no plantation was raised.
8h	Water sprinkling on roads to control airborne dust	No proposal.	Nil	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No proposal.	Except gegraded land rest of the area is not distrubed.	xcept gegraded land rest of the area is not distrubed.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted	Submitted.	Monthly Annual returns Submitted.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	N.A	Nil	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	N.A	Nil	Nil

9d	Scrutiny of Annual return on afforestation	N.A	Nil	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	N.A	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	N.A	Nil	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Yes	Yes	Yes.
9h	Scrutiny of Annual return on fixed assets	N.A	Nil	Nil
9k	Scrutiny of Annual return on mining machineries	N.A	Nil	Nil

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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

Date :

(P.GURUVAIAH)

Indian Bureau of Mines