

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-164/HYD

Mine code : 38APR11143

- (i) Name of the Inspecting : **C\$10**) **Ch.Suseela**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : SRI.N. SIVARAMIREDDY, MINE OWNER
Official with
Designation
- (iv) Date of Inspection : 08/06/2017
- (v) Prev.inspection date : 20/08/2016

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **RAMAPURAM(SY.NO.448/B,12.**
(b) **Registration NO.** :
(c) **Category** : B Manual
(d) **Type of Working** : Opencast
(e) **Postal address**
State : ANDHRA PRADESH
District : KURNOOL
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail :
Phone :
(f) **Police Station** : OWK
(g) **First opening date** : 04/09/2006
(h) **Weekly day of rest** : SUN
2. **Address for** : H.NO:4-70
correspondance POST&MANDAL:KOLIMIGUNDLA
DIST: KURNOOL.
3. (a) **Lease Number** :
(b) **Lease area** :
(c) **Period of lease** :
(d) **Date of Expiry** :
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : N.SIVA RAMI REDDY
H.NO:4-70
POST&MANDAL:KOLIMIGUNDLA
DIST:KURNOOL. KURNOOL
ANDHRA PRADESH
Phone:
FAX :

Owner : N.SIVARAMIREDDY
KOLIMIGUNDLA, (V)&(MANDALAM)
KURNOOL DIST ,ANDHRAPRADESH
KURNOOL ANDHRA PRADESH
Phone:
FAX :

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	13/05/2013
Plan/Scheme of Mining	:	MP modif under MCR 1960	05/03/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	3 Core bore holes and 4 DTH during the year 2016-17	NIL	Violation of Rule 11(1) has been pointed out to the party.
1b	Exploration over lease area for geological axis 1 or 2	_____	3.50 ha	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	M/s NRDCS Ltd., Hyderabad	M/s NRDCS Ltd., Hyderabad	
1d	Balance area to be explored to bring Geological axis in 1 or 2	5.07 ha	5.07 ha	
1e	Balance reserve as on 01/04/20	6, 62,256 tonnes (111) 91,745 tonnes(211)	6, 62,256 tonnes (111) 91,745 tonnes (211)	
1f	General remarks of inspecting officers on geology, exploration etc	_____	_____	About 3.5 ha area has been covered under G1 scale of exploration. Remaining 5.07 ha of minerlised area is proposed to be explored under G2 scale of exploration.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N 1673650- N 1673700 E 190250- E 190500 RL 106-103	Same as proposed	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	Yes	
2c	Stripping ratio or ore to OB ratio	1:0.21	1:0	

2d	Quantity of topsoil generation in m3	3430.20 cu.m	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	_____	Development is being carried out at designated place.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	1,19,872. 50 t	334 t	Achieved less production due to less market demand.
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	N.A	N.A	
3f	Quantity of sub grade mineral generation.	NIL	NIL	
3g	Grade of sub grade mineral generation	N.A	N.A	
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	Yes	
3k	Provision of mining machineries in mineral benches	Excavator, tippers	Excavator, tippers	
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	4.085 ha	4.085 ha	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.21	1:0	
3o	Total area put in use under different heads at the end of year	5.996 ha	5.90 ha	
3p	Production of ROM mineral during the last five year period as applicable	2012-13--NIL, 2013-14--55819 t, 2014-15--20,226 t, 2015-16--119735 t, 2016-17--119872 t	2012-13--160670 t, 2013-14--49,350 t, 2014-15--103,300 t, 2015-16--365,000 t, 2016-17--334 t	
3q	General remarks of inspecting officers on method of mining etc.	_____	_____	Open cast other than fully mechanised method of working

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	NIL	Since there is only 334 t of production as against 1,19,872 tonnes of proposed production during the year 2016-17, no waste has been generated.
4b	Location of topsoil, OB and mineral reject dumps	North west part of ML area.	NIL	Since there is only 334 t of production as against 1,19,872 tonnes of proposed production during the year 2016-17, no waste has been generated.
4c	Number of dumps within lease area and outside of lease area	NIL	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	NIL	
4e	Number of active and alive dumps.	NIL	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.	NIL	NIL	
4i	Length of Retaining wall or garland drain all along dumps	Not Applicable	Not Applicable	
4j	Number of settling ponds	NIL	NIL	
4k	Specific comments of inspecting officer on waste dump management	_____	_____	Since there is only 334 t of production as against 1,19,872 tonnes of proposed production during the year 2016-17, no waste has been generated.

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 of back filling of mined out area	NIL	Pit is not matured for back filling.
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)	6860.40 tonnes	NIL	Since there is only 334 t of production as against 1,19,872 tonnes of proposed production during the year 2016-17, no top soil has been generated.
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			The pit is not matured for back filling and reclamation as the mineral is existing .

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).	Annual Report on PMCP is to be submitted.	Not submitted.	Violation of Rule 26(2) has been pointed out to the lessee.
6b	Area available for rehabilitation (ha) .	NIL	NIL	
6c	afforestation done (ha).	No proposal	90 plants have been planted	
6d	No. of saplings planted during the year	No Proposal	90 plants	
6e	Cumulative no .of plants	NIL	About 200 plants	
6f	Any other method of rehabilitation	No Proposal	NIL	

6g	Cost incurred on watch and care during the year	Not Applicable	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	NIL	NIL
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)	_____	NIL	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	_____	_____	_____

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No grade wise sorting proposed.	Entire ROM is being dispatched.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Applicable	Not Applicable	
7c	Different grade of mineral sorted out at mines.	No Proposal	No grade wise sorting is being practiced at mines.	
7d	Any beneficiation process at mines .	No Proposal	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	_____	_____	The entire ROM is being dispatched after sizing of the mineral by crusher.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	For raising plantation	During the year 2016-17, no top soil has been generated .
8b	Concurrent use or storage of topsoil	concurrent use for plantation	During the year 2016-17, no top soil has been generated .
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	North west and Northern part of ML area	No waste has been generated during the year 2016-17 since the lessee has achieved only 334 tonnes against the proposed production of 1,19,872.50 tonnes
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)	No Proposal	NIL
8g	Survival rate	N.A	N.A
8h	Water sprinkling on roads to control airborne dust	water sprinkling on haul roads is proposed	periodical water sprinkling on haul roads is being practiced
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
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9a	Status of submission of Monthly and Annual returns	Monthly and Annual Returns are to be submitted online within stipulated time	Monthly and Annual Returns are submitted online within stipulated time
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mines manager- Sri. S.S.Vali, Geologist- Sri.T.Brahmaiah	Mines manager-Sri. S.S.Vali, Geologist- Sri.T.Brahmaiah
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	The figures furnished in land use pattern were incorrect. Lessee was advised to submit the revised return after making corrections.	The figures furnished in land use pattern were incorrect. Lessee was advised to submit the revised return after making corrections.
9d	Scrutiny of Annual return on afforestation	90 plants have been planted	found correct as per the field observation.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No ROM Stock	No ROM Stock
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Cost of production- Rs.430/- Sale Value-Rs.518/-	Cost of production- Rs.430/- Sale Value- Rs.518/-
9h	Scrutiny of Annual return on fixed assets	Rs.1,00,000/-	Rs.1,00,000/-
9k	Scrutiny of Annual return on mining machineries	Dumper of 16 tonnes capacity	Dumper of 16 tonnes capacity

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
MCDR17	Rule 11(1)	29/06/2017			
MCDR17	Rule 26(2)	29/06/2017			

Date :
(Ch.Suseela)

Indian Bureau of Mines