

**INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT 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 : **PG01**) **P.GURUVAIAH**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : **SRI N. SIVA RAMI REDDY, MINE OWNER.**
Official with
Designation
- (iv) Date of Inspection : 14/02/2018
- (v) Prev.inspection date : 08/06/2017

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
		MP modif under 17(3) MCR 2016	20/10/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	3 core bore holes,4 DTH holes during the year 2016-17	3 core bore holes,4 DTH holes carried out by party	Nil
1b	Exploration over lease area for geological axis 1 or 2	Exploration for G1	Exploration for G1	-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Lessee, expenditure not specified.	Lessee 4.99 Lakhs.	-
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	(111) 6,62,590 tonnes. (211) 91,745 Tonnes.	(111) 6,62,256 T (211) 91,745 T	-
1f	General remarks of inspecting officers on geology, exploration etc	3 core bore holes,4 DTH holes during the year 2016-17	3 core bore holes,4 DTH holes carried out by party	-

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	sections B-B1,C-C1 &D-D1	Same work carried out as per proposal.	-
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Two benches in ore.	Two benches in ore.	-
2c	Stripping ratio or ore to OB ratio	1 : 0.21	! : 0.21	-
2d	Quantity of topsoil generation in m3	No top soil generation proposal.	Nil	-

2e	Quantity of overburden generation in m3	No O.B generation proposal.	Nil	-
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	It is massive lime stone grey to dark grey compact and fine grained.	It is massive lime stone grey to dark grey compact and fine grained.	-

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1 Pit	1 Pit	-
3b	Quantity of ROM mineral production proposed	1,19,872 T	334 T	-
3c	Recovery of sailable/usable mineral from ROM production	Total ROM 100%.	Total ROM 100%.	-
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.	Nil	-
3g	Grade of sub grade mineral generation	Not available.	Nil	-
3h	Manual / Mechanised method adopted for segregating from ROM	Mechnaised.	Mechnaised.	-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not available.	Nil	-

3j	Provision of drilling and blasting in mineral benches	Yes.	Yes.	-
3k	Provision of mining machineries in mineral benches	Yes.	Yes.	-
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	5.228 ha	4. 085 ha	-
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0. 0	1 : 0. 0	-
3o	Total area put in use under different heads at the end of year	5.996 ha.	5.91 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.	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)	old dumps are there in north west side of the mining lease.	At present no O.B and waste generated.	-
4b	Location of topsoil, OB and mineral reject dumps	North west side	North west side.	-

4c	Number of dumps within lease area and outside of lease area	one no of old dump is within in the lease area.	one no of old dump is within in the lease area.	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	North western side of the mining lease.	Nil	-
4e	Number of active and alive dumps.	No proposal.	Nil	-
4f	Number of dead dumps.	No proposal.	Nil	-
4g	Number of dumps established.	No proposal.	Nil	-
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	Nil	-
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	Nil	-
4j	Number of settling ponds	No proposal.	Nil	-
4k	Specific comments of inspecting officer on waste dump management	old dumps are there in north west side of the mining lease.	old dumps are there in north west side of the mining lease.	-

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	No proposal.	Aera is not matured for back filling.	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	6860 t topsoil generation.	No top soil generated and stocked separetly.	-

5d	Total area fully reclaimed and rehabilitated	No proposal.	Area is not matured for reclamation and rehabilitation.	-
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposal.	Area is not matured for back filling and reclamation.	-

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 submitted.	yes.	-
6b	Area available for rehabilitation (ha) .	No proposal.	Nil.	-
6c	afforestation done (ha).	In 0.37 ha	In 0.37 ha.	-
6d	No. of saplings planted during the year	No proposal.	About 100 no of plants are observed.	-
6e	Cumulative no .of plants	No proposal.	Only about 100 no of plants .	-
6f	Any other method of rehabilitation	No proposal.	Nil	-
6g	Cost incurred on watch and care during the year	No proposal.	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 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	No proposal.	Nil	-
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	No proposal.	Nil	-
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal.	Nil	-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	About 100 no of plants are observed.	About 100 no of plants are observed.	-

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Total ROM mineral is despatch.	Total ROM mineral is despatch.	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical.	-
7c	Different grade of mineral sorted out at mines.	No proposal.	Nil	-
7d	Any beneficiation process at mines	No proposal.	Nil	-
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Mining activity is systematic.	Mining activity is systematic.	-

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal.	Nil	-
8b	Concurrent use or storage of topsoil	The soil will be spred in the Southern part of the existing old dumpfor raising the plantation..	Nil	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	one alongated old dump is existing	one alongated old dump is existing	-

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.	About 100 no of plants along the boundry planted.	-
8g	Survival rate	No proposal.	50%	-
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	No proposal,	Except degraded area rest of the area is not distrubed.	-

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	YES	Monthly Annual returns submitted.	-
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	yes	Geologist- T.Bramaiah.	-

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	yes	pits= 2. 0 ha	-
9d	Scrutiny of Annual return on afforestation	90 no of plants.	About 100 no of plants along boundary observed.	-
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	Nil	Nil	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex. mine price= 430/ cost of production =430/	Ex. mine price= 430/ cost of production =430/	-
9h	Scrutiny of Annual return on fixed assets	Nil	Nil	-

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

Date :**(P.GURUVAIAH)**

Indian Bureau of Mines