

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/KNL/LST-188/HYD

Mine code : 38APR11138

- (i) Name of the Inspecting : ~~P601~~) P.GURUVAIAH
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 15/12/2017
- (v) Prev.inspection date : 18/10/2016

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : KOCHERUVU(6.621 HA)
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : KURNOOL
- Village : KOCHERUVU
- Taluka : KURNOOL
- Post office : KOCHERUVU
- Pin Code : 518222
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** : DHONE
- (g) **First opening date** : 29/12/2009
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** :
3. (a) **Lease Number** : APR2806
- (b) **Lease area** : 6.62
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 26/11/2029
4. **Mineral worked** : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : L.SRINIVASULU
MINE OWNER KURNOOL ANDHRA
PRADESH
Phone:
FAX :

6. Date of approval of Mining : MP modif under MCR 1960
Plan/Scheme of Mining

10/08/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	4 Core bore holes proposed to drill 30 m depth	Nil	Exploration work not carried out so Voilation issued to the party.
1b	Exploration over lease area for geological axis 1 or 2	For G-2	Nil	The limestone average thickness is 3m and rest is dolomite.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not specified.	Nil	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	For G-2	Nil	-
1f	General remarks of inspecting officers on geology, exploration etc	4 bore holes proposed during the year 2015-16	Nil	Exploration work not carried out so Voilation issued to the party.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	B-B.Section. C-C.,	As per proposal. work carried out.	-
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal.	Nil	No top soil and O.B
2c	Stripping ratio or ore to OB ratio	1 : 0. 12	1 : 0 . 12	-
2d	Quantity of topsoil generation in m3	No top soil proposal.	Nil	-
2e	Quantity of overburden generation in m3	Mineral reject 600 Cu m	200 Cu m.	Interstitial clay and soil is mineral reject.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	B-B.Section. C-C.,	As per proposal. work carried out.	-
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One.	One.	-
3b	Quantity of ROM mineral production proposed	5400 Cum.	12,260 T	-
3c	Recovery of sailable/usable mineral from ROM production	90 %	90%	-
3d	Quantity of mineral reject generation	600 Cu m	200 cu.m	-
3e	Grade of mineral rejects generation and threshold value declared.	Not specified.	Nil	-
3f	Quantity of sub grade mineral generation.	No proposal.	Nil	-
3g	Grade of sub grade mineral generation	No proposal.	Nil	-
3h	Manual / Mechanised method adopted for segregating from ROM	Open cast other than fully mechanised.	Open cast other than fully mechanised.	-
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	drilling and blasting and deploying hydraulic excavator.	Open cast other than fully mechanised.	-

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	A bench height of 2.5 m	A bench height of 2.5 m	-
3m	Total area covered under excavation/pits	1.2 ha	0.65 ha	-
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0 . 12 .	1 : 0 . 12	-
3o	Total area put in use under different heads at the end of year	mining excavation=1.2 0 ha,dumping =.074 ha, Roads =0.20 ha.	mining excavation=0. 65 ha,dumping =.025 ha, Roads =0.20 ha.	-
3p	Production of ROM mineral during the last five year period as applicable	2011-12 =18,496 tonnes.; 2012-13 =18,496 tonnes; 2013-14 =18,496 tonnes. 2014-15 = No proposal.2015-16=6,372 tonnes.	2011-12 =18,496 tonnes.; 2012-13 =18,496 tonnes; 2013-14 =18,496 tonnes. 2014-15 = No proposal.2015-16=6,372 tonnes.	-
3q	General remarks of inspecting officers on method of mining etc.	Open cast OTFM method.	Open cast 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)	One Mineral reject dump	One Mineral reject dump	-
4b	Location of topsoil, OB and mineral reject dumps	North east side of the mine.	North east side of the mine.	-

4c	Number of dumps within lease area and outside of lease area	One dump within the lease.	One dump within the lease.	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	west side of the mine	Nil	-
4e	Number of active and alive dumps.	One dump.	One dump.	-
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	-

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.	Area is not matured for back filling.	-
5b	Area under backfilling of mined out area	No proposal.	Area is not matured for back filling	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal.	Area is not matured for rehabilitation.	-
5d	Total area fully reclaimed and rehabilitated	No proposal.	Nil	-
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposal.	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.	Area is not matrued for rehabilitation.	-
6c	afforestation done (ha).	120 no of plants	Nil	-
6d	No. of saplings planted during the year	60 no of plants	Nil	-
6e	Cumulative no .of plants	120 no of plants	Nil	Voilation issued to the party.
6f	Any other method of rehabilitation	No proposal.	Nil	-
6g	Cost incurred on watch and care during the year	Not specified.	Nil	-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal.	Area is not matured for back filling.	-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	Area is not maturedfor back filling.	-
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.	area is not matured for backfilling.	-
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)	Not specified.	Nil	-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No proposal.	Nil	-

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal.	The useable mineral recovered from ROM will be using directly to the user industries.	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal.	The useable mineral recovered from ROM will be using directly to the user industries.	-
7c	Different grade of mineral sorted out at mines.	No proposal.	The useable mineral recovered from ROM will be using directly to the user industries.	-

7d	Any beneficiation process at mines .	No proposal.	Nil	-
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No proposal.	The useable mineral recovered from ROM will be using directly to the user industries.	-

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	There is no top soil	Nil	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	only one mineral reject dump.	only one mineral reject dump.	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Area is not matured for restoring.	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	Area is not matured for restoring.	-
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	120 no of plantation.	Nil	Violation issued to the party.

8g	Survival rate	120 no of plantation.	Nil	Violation issued to the party.
8h	Water sprinkling on roads to control airborne dust	proposed water spraying on the mine roads at regular interval.	water spraying carried out on the mine roads at regular interval.	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No proposal.	Except degraded area rest of the area not distrubed.	-

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly returns submitted.	Annual return not submitted.	Voilation letter issued to the party.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual return not submitted.	Annual return not submitted.	Voilation letter issued to the party.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual return not submitted.	Annual return not submitted.	Voilation letter issued to the party.
9d	Scrutiny of Annual return on afforestation	Annual return not submitted.	Annual return not submitted.	Voilation letter issued to the party.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual return not submitted.	Annual return not submitted.	Voilation letter issued to the party.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Annual return not submitted.	Annual reurn not submitted.	Voilation letter issued to the party.
9h	Scrutiny of Annual return on fixed assets	A.R not submitted.	A.R nor submitted.	Voilation letter issued to the party.

9k	Scrutiny of Annual return on mining machineries	A.R not submitted.	A.R not submitted.	Voilation letter issued to the party.
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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