

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

**MCDR inspection REPORT  
Hyderabad regional office**

**Mine file No :** AP/GNR/LST-44/HYD

**Mine code :** 38APR07051

- (i) Name of the Inspecting : **S41** ) **Y M SIVA PRASAD**  
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : Sri Ramana, Mines Manager.  
Official with  
Designation
- (iv) Date of Inspection : 13/08/2018
- (v) Prev.inspection date : 18/01/2017

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **TERALA(49.18 HA)**
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address  
State : ANDHRA PRADESH  
District : GUNTUR  
Village : TERALA  
Taluka : MACHERLA  
Post office : MACHERLA  
Pin Code : 522426  
FAX No. : 08642222350  
E-mail : it.macherla@kcp.co.in  
Phone : 08642222303
- (f) Police Station :
- (g) First opening date : 08/12/2009
- (h) Weekly day of rest : SUN
2. Address for : TERALA VILLAGE  
correspondance : DURGI MANDAL  
GUNTUR DISTRICT
3. (a) Lease Number : APR2597  
(b) Lease area : 49.18  
(c) Period of lease : 20  
(d) Date of Expiry : 11/12/2028
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : M/S.KCP LTD  
           GUNTUR ANDHRA PRADESH  
           Phone:  
           FAX :

Owner : M/S.KCP LTD%  
           M/S.KCP LTD,MACHERLA(PO),  
           GUNTUR DIST. GUNTUR ANDHRA  
           PRADESH  
           Phone:  
           FAX :

Agent : S.HARINADHA BABU  
           C/O KCP LTD MACHERLA GUNTUR  
           DISTRICT GUNTUR ANDHRA  
           PRADESH  
           Phone:  
           FAX :

Manager  
 Name : S.PRASAD  
 Qualification : DIPLOMA IN MINING  
 Appointment/ : 18/01/2010  
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	20/10/2014
Plan/Scheme of Mining	:	MP review under 17(1) MCR 2016	23/02/2018

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No back log.	N I L	NONE.
1b	Exploration over lease area for geological axis 1 or 2	N I L	N I L	Enire potential area has been explored under G1 Level.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	N I L	N I L.	NONE.
1d	Balance area to be explored to bring Geological axis in 1 or 2	N I L	N I L	NONE
1e	Balance reserve as on 01/04/20	2587000 tonnes.	2538243 tonnes.	NONE.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N 1816457 - N1816601 & E 334449 - E 334842	N 1816457 - N1816601 & E 334449 - E 334842	NONE.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes, proposal made seperate benches in OB and mineral.	Yes, maintained in lease area.	NONE.
2c	Stripping ratio or ore to OB ratio	1 : 0	1 : 0	
2d	Quantity of topsoil generation in m3	2017-18 : 1330 2018-19 : 1875	2017- 18 : N I L. 2018-19 : N I L	N ONE
2e	Quantity of overburden generation in m3	2017-18 : 5319 2018-19 : N I L	2017-18 : N I L 2018-19 : N I L	NONE.

## Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	One.	One	NONE.

3b	Quantity of ROM mineral production proposed	2017-18 =400050 2018-19 =400050	2017-18 =390000 tonnes. 2018-19 =128485 tonnes. (Up to July 2018)	NONE.
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	NONE
3d	Quantity of mineral reject generation	N I L	N I L.	NONE.
3e	Grade of mineral rejects generation and threshold value declared.	No proposal	N I L	NONE.
3j	Provision of drilling and blasting in mineral benches	Deep hole drilling of 115 mm dia of hole,with nonel to reduce ground vibration.	Adopted same as proposed.. proposed.	NONE.
3k	Provision of mining machineries in mineral benches	1.7 cum Excavator - 1 no. 17 cum Tippers - 5 nos, 115 mm dia hole drilling machine - 1 no.	Same as proposed is observed in the field.	NONE.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	7 meters was proposed to maintain height of the bench.	Yes, the height proposed is suitable for mechanised method of mining.	NONE.
3m	Total area covered under excavation/pits	8.14 HA	8.14 HA.	NONE
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0	1. :0	NONE.

3o	Total area put in use under different heads at the end of year	Area under minig : 8.14 ha. Storage of top soil : 0.01 ha. O.B. dump site : 1.24 ha. Mineral storage : 1.23 ha. Infrastructure workshop, administrative bulding etc. : 0.10 ha. Roads : 0.36 ha.	Area under minig : 8.14 ha. Storage of top soil : 0.01 ha. O.B. dump site : 1.24 ha. Mineral storage : 1.23 ha. Infrastructure-workshop, administrative bulding etc. : 0.10 ha. Roads : 0.36 ha.	NONE.
3p	Production of ROM mineral during the last five year period as applicable	2015-16 300353 TONNES. 2016-17 400085 TONNES. 2017-18 500050 tonnes. 2018-19 400050 tonnes.	2014-15 : 240000 tonnes 2015-16 : 300000 tonnes 2016-17 : 400000 tonnes 2017-18 : 390000 tonnes. 2018-19 : 128485 tonnes. Up to July 2018.	NONE.

## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes.	N I L	NONE
4b	Location of topsoil, OB and mineral reject dumps	On northern side of the lease area.	No waste generation observed, a dump was observed on northern side of the lease area.	NONE.
4c	Number of dumps within lease area and outside of lease area	One, within lease area.	One, within lease area.	NONE
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	out side UPL.	out side UPL.	NONE.
4e	Number of active and alive dumps.	One active dump.	One active dump.	NONE
4g	Number of dumps established.	ONE.	ONE.	

4h	Whether Retaining wall or garland drain all along dumps are there.	No proposals	N I L	NONE.
4j	Number of settling ponds	One.	One.	NONE.
4k	Specific comments of inspecting officer on waste dump management			

#### 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 of backfilling.	No area is matured for backfilling.	None.

#### 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).	Yearly report is to be submitted as per statute.	Lessee submitted yearly report for the year 2017-18.	NONE.
6c	afforestation done (ha).	0.50 ha.	0.20 ha	NONE.
6d	No. of saplings planted during the year	300 saplings.	100 saplings.	NONE
6e	Cumulative no .of plants	2000 saplings.	1820 saplings.	NONE.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitiring of Air, water, Noise data etc.	Regular monotoring carried out is being reported.	none.

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	No sorting of mineral is proposed.	N I L.	NONE.
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## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes.	Very less quantity of top soil observed. Top soil so generated is utilised for plantation in North side of lease area.	NONE.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	2000 saplings	1820 saplings.	NONE.
8g	Survival rate	80%	80%	NONE.
8h	Water sprinkling on roads to control airborne dust	Dust will be controlled by stationary and mobile sprinklers.	The haul road was wetted by 10KL mobile water tanker.	NONE

## Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Returns are to be submitted regularly as per statute.	Monthly returns and Annual returns for the year 2017- 18 are submitted through On - Line. regularly.	None.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer In charge : M.Sai Krishna. Mines Manager : S. Prasad	Mining Engineer In charge : M.Sai Krishna. Mines Manager : S. Prasad	None.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.			

9d	Scrutiny of Annual return on afforestation	1820 Saplings.	1820 Saplings.	NONE.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	N I L	N I L	NONE.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	N I L	N I L	NONE
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Rs. 325.10	Rs. 325.10	NONE.
9h	Scrutiny of Annual return on fixed assets	Not reported.	N I L	NONE
9k	Scrutiny of Annual return on mining machineries	Back Hoe : 1.700 cum - 1 no.. Tipper -- 17.00 cum - 5 nos. Rock Drill (Non Elec. (115 mm dia - 1 no. Water Tanker (9000.00 Liters) - 1 no.	Back Hoe : 1.700 cum - 1 no.. Tipper -- 17.00 cum - 5 nos. Rock Drill (Non Elec. (115 mm dia - 1 no. Water Tanker (9000.00 Liters) - 1 no.	none

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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 :

(Y M SIVA PRASAD)

Indian Bureau of Mines