

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

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

Mine code : 38APR07051

- (i) Name of the Inspecting : **25**) **SHRI IBRAHIM SARIF**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 24/01/2018
- (v) Prev.inspection date :

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 : TERLA
Taluka : DURGI
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

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No back log	Nil	
1b	Exploration over lease area for geological axis 1 or 2	Nil	Nil	Entire potential area has been explored under G1 level
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	During the year 2015-16: Rupees 3,74,500 has been spent for exploration	
1e	Balance reserve as on 01/04/20	Nil	Nil	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Development was proposed on southern side of the lease area	The area developed was same as proposed	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes, proposal was to have seperate benches in OB and mineral	Yes maintained in the lease area	
2d	Quantity of topsoil generation in m3	2016-17 4560 2017-18 1330	2016-17 Nil 2017-18 Nil	
2e	Quantity of overburden generation in m3	2016-17 18298 2017-18 5319	2016-17 Nil 2017-18 Nil	(upto Date of Inspection)

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	2016-17 400085 2017-18 400050	2016-17 400000 2017-18 (upto 30-11-2017) 341243	

3c	Recovery of sailable/usable mineral from ROM production	100%	100%
3d	Quantity of mineral reject generation	Nil	Nil
3j	Provision of drilling and blasting in mineral benches	Deep hole drilling of 115 mm dia hole, with nonel to reduce ground vibration	adopted same as proposed
3k	Provision of mining machineries in mineral benches	1.7 cum Excavator- 1 no., 17 cum Tippers-5 nos., 115 mm dia drill hole Drilling machine- 1 no.	Same as proposed is observed in the field.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	7 meters was proposed to maintain	Yes, the height proposed is suitable for mechanised method of mining.
3m	Total area covered under excavation/pits	8.14	8.14 ha
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0.045	1 : 0
3o	Total area put in use under different heads at the end of year	Area under mining 8.14 Storage for top soil 0.01 OB dump site 1.67 Mineral storage Nil Infrastructure - workshop, administrative building etc. 0.10 Roads 0.76	Area under mining 8.14 Storage for top soil 0.01 OB dump site 1.67 Mineral storage Nil Infrastructure - workshop, administrative building etc. 0.10 Roads 0.76
3p	Production of ROM mineral during the last five year period as applicable	2014-15 306413 2015-16 300353 2016-17 400085 2017-18 400050	2014-15 240000 2015-16 300000 2016-17 400000 2017-18 341243 (upto 30-11-2017)

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes	Nil	
4b	Location of topsoil, OB and mineral reject dumps	On Northern side of the lease area	No waste generation during the year, a dump was observed on Northern side of the lease area	
4c	Number of dumps within lease area and outside of lease area	One within lease area	One within lease area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	Outside UPL	
4e	Number of active and alive dumps.	One- Live	One- Live	
4g	Number of dumps established.	One	One	
4h	Whether Retaining wall or garland drain all along dumps are there.	No	No	
4j	Number of settling ponds	One	One	

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 as no area is matured for backfilling	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).	Returns are to be submitted regularly as per statute	Returns are being submitted regularly	
6c	afforestation done (ha).	1 Ha, 2000 plantation	0.75 Ha, 1720 plantations	

6d	No. of saplings planted during the year	2000	1720	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitoring of Air, water, Noise data etc.	Regular monitoring carried out is being reported	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No sorting of mineral is proposed	Nil	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	Nil, No top soil generated	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Separate waste dump observed	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	2000	1720	
8g	Survival rate	80%	80%	
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.	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Returns are to be submitted regularly as per statute	Returns are being submitted regularly
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer in charge M. SAI KIRSHNA Manager S.PRASAD	Mining Engineer in charge M. SAI KIRSHNA Manager S.PRASAD
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	overed under current (O/C) Workings 7.340 (iii) Reclaimed/Rehabilitated 0.000 (iv) Used for waste disposal 1.037 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0.100	overed under current (O/C) Workings 7.340 (iii) Reclaimed/Rehabilitated 0.000 (iv) Used for waste disposal 1.037 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0.100
9d	Scrutiny of Annual return on afforestation	1720 sapplings	Same observed as furnished in the field
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	Rs. 325.10	Rs. 325.10
9h	Scrutiny of Annual return on fixed assets	Not reported	-----

9k Scrutiny of BACK HOE BACK HOE (1.700 CUM)-1
Annual return on (1.700 CUM)-1 no.s
mining no.s TIPPER (17.000 CUM)- 5
machineries TIPPER (17.000 nos.
CUM)- 5 nos. ROCK DRILL (NON-
ROCK DRILL ELEC.)(115.000 MM)- 1
(NON- No.
ELEC.)(115.000 WATER TANKER (9000.000
MM)- 1 No. LITRE)-1
WATER TANKER
(9000.000
LITRE)-1

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 :

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines