

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

**MCDR inspection REPORT
Hyderabad regional office**

Mine file No : AP/KNL/LST-136/HYD

Mine code : 38APR11054

- (i) Name of the Inspecting : **AP03**) **A.Prabhakar Rao**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : MD.BASHA LESSEE' SON
Official with
Designation
- (iv) Date of Inspection : 29/06/2017
- (v) Prev.inspection date : 19/10/2016

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **JALADURGAM**
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : KURNOOL
- Village : JALADURGAM
- Taluka : DHONE
- Post office : JALDURGAM
- Pin Code : 518222
- FAX No. :
- E-mail :
- Phone : 08516-223018, 9392704747
- (f) **Police Station** :
- (g) **First opening date** : 30/10/1998
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : MD.HUSSAIN, MINE OWNER
H.NO.9-72/16, KONDA PETA, DHONE-518222
KURNOOL DISTRICT
3. (a) **Lease Number** : APR1482
- (b) **Lease area** : 5.67
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 29/10/2018
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : MD.HUSSAIN
MINE OWNER KURNOOL ANDHRA
PRADESH
Phone:
FAX :

Owner : MD. HUSSAIN
H.NO. 9-72-116, KOTHAPETA,
DHONE KURNOOL ANDHRA
PRADESH
Phone: 08516-220351
FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	08/12/1997
Plan/Scheme of Mining	:	MP modif under MCR 1960	19/08/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Trialpit no, Location , Size, Year, 1 . E 100-200& N200 -300 4MX4M5M 2015-16, 2. E 00-100 & N200-300 4mx4mx2.5 2015-16, At the pit bottom,1 E200-300& N200-300 4MX4MX5M 2015-16 ,4. E 100-200& N100-200, 4MX4MX2.6 2015-16, AT THE BOTTOM OF PIT NO 4, 5. E200-300 & N100-200(extension of T.P.1)4MX4MX2.6M 2015-16 5	Carriedout during the year 2016-17 Trialpit no, Location , Size, Year, 1 . E 100-200& N200 -300 4MX4M5M 2015-16, 2. E 00-100 & N200-300 4mx4mx2.5 2015-16, At the pit bottom,1 E200-300& N200-300 4MX4MX5M 2015-16 ,4. E 100-200& N100-200, 4MX4MX2.6 2015-16, AT THE BOTTOM OF PIT NO 4, 5. E200-300 & N100-200(extension of T.P.1)4MX4MX2.6M 2015-16	NIL
1b	Exploration over lease area for geological axis 1 or 2	G 2	As per the proposals 10no.s trail pits were formed Trialpit no, Location , Size, 6)E 200-300&N 100-200,4.0MX4.0MX5.0M, 7)E 300-400&&100-200,4.0MX4.0MX5.0M, 8) E 300-400&&100-200,4.0MX4.0MX5.0M,, 9)E 400-500&N100-200(At the bottom of pit no.7) 4.0Mx4.0Mx2.8M, 10)E 400-500&N100-200(At the bottom of pit no.7) 4.0Mx4.0Mx2.8M	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not indicated in the Approved mining plan	NIL	NIL

1d	Balance area to be explored to bring Geological axis in 1 or 2	Probable(122) 49020 tonnes, Pre feasibility mineral Resources (221&222)17898 tonnes . total Reserves+ Resources 66918 tonnes	Probable(122)49020 tonnes, Pre feasibility mineral Resources (221&222)17898 tonnes . total Reserves+ Resources 66918 tonnes	NIL
1f	General remarks of inspecting officers on geology, exploration etc	NIL	NIL	NIL

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Location between PITNO 2 AND PITNO.3	As per the proposal	NIL
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	ONE BENCH WAS PROPOSED IN THE MINERAL HEIGHT IS 1.50METERS	There is exists seperate top soil and limestone bench	The top soil cover is 0.2meters to 0.30 meters the soil was removed seperately with seperate benchequal to thickness of soil i.e maximum0.30 meters
2c	Stripping ratio or ore to OB ratio	1:0.15	Lessee has not been submitted monthly returns from April 2016 onwards and Annual Return for the year2016-17	Violation letter issued to lessee for for non submission of monthly from April 2016 and onwards and AnnualReturn for year 2016-17
2d	Quantity of topsoil generation in m3	254 cubic meters	100 cubic meters tiop soil generated the same used for plantation	NIL
2e	Quantity of overburden generation in m3	No proposals in the Approved Mining plan	NIL	NIL

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NIL	NIL	NIL
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit dimensions are 70.0mx20.0mx2.40m(soilthickness 0.20m) the development & production is carried out in North-East side between pit no .2&3 lying between the grid lines E100-200& N200-300 in the area of 1270 Square meters	Within the proposed area five small pits were formed dimensions are 1)length 15.0mxx xWidth20.0mxxDepth2.0m 2)length 15.0mxx xWidth20.0mxxDepth2.0m 3)length 15.0mxx xWidth20.0mxxDepth2.0m 4)length 18.0mxx xWidth20.0mxxDepth2.0m 5length 15.0mxx xWidth20.0mxxDepth2.0m	Violation letter issued to lessee for for non submission of monthly from April 2016 and onwards and AnnualReturn for year 2016-17
3b	Quantity of ROM mineral production proposed	6081 TONNES	-	Violation letter issued to lessee for for non submission of monthly from April 2016 and onwards and AnnualReturn for year 2016-17
3c	Recovery of saleable/usable mineral from ROM production	6081 TONNES	Returns for the year 2016-17 have not been submitted by the lessee	Violation letter issued to lessee for for non submission of monthly from April 2016 and onwards and AnnualReturn for year 2016-17
3d	Quantity of mineral reject generation	266 tonnes	Rejects not found during the inspection	NIL
3e	Grade of mineral rejects generation and threshold value declared.	NOT indicated in the APPROVED MINING PLAN	NIL	NIL

3f	Quantity of sub grade mineral generation.	NO SUB GRADE MINERAL GENERATION WAS PROPOSED	NIL	NIL
3g	Grade of sub grade mineral generation	NIL	NIL	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	MANUAL	MANUAL	NIL
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NOT PROPOSED	NIL	NIL
3j	Provision of drilling and blasting in mineral benches	Thi is aopen cast Manual method of mining proposed	NIL	NIL
3k	Provision of mining machineries in mineral benches	Thi is aopen cast Manual method of mining proposed	NIL	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	1.50 BENCH HIGHT WAS PROPOSED	It was suitable for this mine	NIL
3m	Total area covered under excavation/pits	0.14HECT	0.10HECT	NIL
3n	Ore to OB ratio for the pit/mine during the year.	1:0.15	Lessee has not been submitted monthly returns from April 2016 onwards and Annual Return for the year2016-17	Violation letter issued to lessee for for non submission of monthly from April 2016 and onwards and AnnualReturn for year 2016-17
3o	Total area put in use under different heads at the end of year	0.1270 HECT	0.10 HECT	NIL

3p	Production of ROM mineral during the last five year period as applicable	The first Scheme of mining (2003-04 to 2007-08) & second Scheme of mining (2008-09 to 2012-13) due to non submission of Scheme of mining in time period 1)2015-16=5746 TONNES, 2)2016-17=6081 TONNES,	1)2011-2012=17548 TONNES, 2)2012-2013=8404 TONNES, 3)2013-2014>Returns not received, 4)2014-2015>Returns not received, 5)2015-2016=(Mining operations are stopped For want of environmental clearance . A.D.MG. Kurnool has not been issuing permits to the lessee,) In view of the above lessee has not been submitted the returns	Violation letter issued to lessee for non submission of monthly from April 2016 and onwards and Annual Return for year 2016-17
3q	General remarks of inspecting officers on method of mining etc.	NIL	NIL	This tiny category mine where all mining operations are being carried out manually

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NO Separate for top soil, O.B, and mineral; rejects were proposed	NIL	
4b	Location of topsoil, OB and mineral reject dumps	Between 00-200 & 100-200 on non mineralised area as shown in plate no 6 over an area of 600 square meters	NO o.b, & mineral rejects were found during the inspection	
4c	Number of dumps within lease area and outside of lease area	One dump with in the M.L.area	One dump with in the M.L.area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Away from the ultimate pit limit	Away from the ultimate pit limit	
4e	Number of active and alive dumps.	NO proposals	NIL	
4f	Number of dead dumps.	NIL	NIL	

4g	Number of dumps established.	ONE DUMP	Between 00-200 & N100-200 on non mineralised area as shown in plate no 6 over an area of 600 square meters	
4h	Whether Retaining wall or garland drain all along dumps are there.	NO PROPOSALS WERE MADE IN THE APPROVED MODIFIED MINING PLAN	NIL	
4i	Length of Retaining wall or garland drain all along dumps	NIL	NIL	
4j	Number of settling ponds	NO PROPOSALS	NIL	
4k	Specific comments of inspecting officer on waste dump management	NIL	NIL	NIL

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Part or full extraction of mineral not completed	NIL	
5b	Area under backfilling of mined out area	The pit is not matured for backfilling	nil	nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	The pit is not matured for backfilling	NIL	NIL
5d	Total area fully reclaimed and rehabilitated	The pit is not matured for backfilling	NIL	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	The pit is not matured for backfilling	NIL	NIL

Progressive Mine Closure Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	SUB MITTED	SUBMI9TTED	NIL
6b	Area available for rehabilitation (ha) .	1.26 HECTARS	1.20 HE4CRT	NIL
6c	afforestation done (ha).	NIL	NIL	NIL
6d	No. of saplings planted during the year	50 PLANTS PROPOSED ON ROAD SIDE	70 PLANTS PLANTED ON ROAD SIDE	NIL
6e	Cumulative no .of plants	150 PLANTS	150 SAPLINGS PLANTED	NIL
6f	Any other method of rehabilitation	NIL	NIL	NIL
6g	Cost incurred on watch and care during the year	Not indicated	NIL	NIL
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	0	NIL	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	0	NIL	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	0	NIL	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	0.12 HECT	0.12 HECT	NIL

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	0	NIL	NIL
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NIL	NIL	NIL
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NIL	NIL	NIL
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NIL	NIL	NIL
6p	Compliance of environmental monitoring (core zone and buffer zone)	NO PROPOSALS	This ius a small manual mine . no environmental parameters have been monitered within the core &buffer zone have been monitored	NIL
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NIL	NIL	NIL

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	6400 TONNES	NIL	PREVIOUS YEARS PRODUCED DUST 7500 TONNES WAS SOLD TO BUYERS FOR MIXING IN THE POULTRY FEED
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	NIL	NIL

7c	Different grade of mineral sorted out at mines.	Manual screeninig to seperate the size (100-200mesh, 200-250mesh, +250 mesh)	No mineral was produced	Due to lack of demand
7d	Any beneficiation process at mines .	Manual screeninig to seperate the size (100-200mesh, 200-250mesh, +250 mesh)	NIL	NIL
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NIL	NIL	NIL

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	254 Cubic meters	No top soil exist in the	NIL
8b	Concurrent use or storage of topsoil	254 CUBIC METERS	NIL	AS said there is neither concurrent use nor stock
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposals were made in the Approved modified mining plan	Due to lack of demand mine was not working	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposals were made in the Approved modified mining plan	NIL	NIL

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposals were made in the Approved modified mining plan	NIL	NIL
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NIL	NIL	There is no plantation except thorny bushes
8g	Survival rate		nil	does not arise
8h	Water sprinkling - on roads to control airborne dust		NO such activity is noticed	NIL
8i	General remarks - of inspecting officer on aesthetic beauty in and around mines area	-	-	As the mining operations were not continued and review could not be done

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly returns upto august 2017 &Annual Return forthe year 2016-17 received in this office on 09.10.2017	Due to lack of demand mine was not working In view of the above nil returns were received from the lessee	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Due to lack of demand mine was not working In view of the above nil returns were received from the lessee	Due to lack of demand mine was not working In view of the above nil returns were received from the lessee, rerurns were not scrutinised	

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 :
(A.Prabhakar Rao)

Indian Bureau of Mines