

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-124/HYD

Mine code : 38APR11039

- (i) Name of the Inspecting : **PR09**) **M.Pratap.Reddy**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : GOPAL KRISHNA REPRESENTATIVE
Official with
Designation
- (iv) Date of Inspection : 19/11/2016
- (v) Prev.inspection date : 06/02/2003

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **JINKALATIPPA**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : ANDHRA PRADESH
District : KURNOOL
Village : CHI.MALKAPURAM
Taluka : DHONE
Post office : CHI.MALKAPURAM
Pin Code : 578222
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date : 29/05/1997
- (h) Weekly day of rest : SUN
2. Address for :
correspondance
3. (a) Lease Number : APR2735
- (b) Lease area : 13.59
- (c) Period of lease : 20
- (d) Date of Expiry : 24/09/2017
4. Mineral worked : LIMESTONE Main
SERPENTINE Associated
DOLOMITE Associated
SHALE Associated

5. Name and Address of the

Lessee : M/S KHASIM SHAIKSHAVALI&MINERALS.
M/SKASHIMSHAIKSHAVALI
H.NO.24/16KONDAPET POST
DHONE DIS:KURNOOL KURNOOL
ANDHRA PRADESH
Phone: NIL
FAX : NIL

Owner : M/S KHASIM SHAIKVALLI & MINERALS
KURNOOL ANDHRA PRADESH
Phone:
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 16/01/1995
Plan/Scheme of Mining : MP modif under 17(3) MCR 2016 25/08/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	8 Boreholes were proposed.	8 Boreholes have been drilled in the year 2014-15.	
1b	Exploration over lease area for geological axis 1 or 2	G2 level of exploration	G1 level of exploration has been carried out over an extent of 4 ha..	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	The lessee himself.	M/s NRDCs, Hyderabad. Expenditure incurred Rs.4,61,250/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	4 ha	-	9 boreholes have been proposed in the limestone terrain in year 2016-17 to convert the exploration to G1 scale of exploration.
1e	Balance reserve as on 01/04/20	4,71,106 T	4,71,106 T	Fresh estimate of reserve was done with the additional exploratory data on 25.8.2016.
1f	General remarks of inspecting officers on geology, exploration etc	It is sedimentary bedded deposit	Simple sedimentary bedded deposit with G1 scale of exploration over an extent of about 4 ha.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t. lease area	There were no approved proposals during 2015-16	-	The mining operations were under suspension w.e.f 14.2.2013 on account of mining operations carried out without approved proposals under the provisions of MCDR 1988. The document for subject lease was approved on 19.11.2016 vide letter no. AP/KNL/Lst-124/Hyd.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	There were no approved proposals during 2015-16	However there exists separate benches for the Top soil and for partly weathered limestone.	
2c	Stripping ratio or ore to OB ratio	There were no approved proposals during 2015-16	-	
2d	Quantity of topsoil generation in m3	There were no approved proposals during 2015-16	nil	
2e	Quantity of overburden generation in m3	There were no approved proposals during 2015-16	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	There were no approved proposals during 2015-16	Development work was carried where separate benches of top soil and weathered Limestone have been formed.	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	There were no approved proposals during 2015-16	-	However, there exists 10 shallow pits in a scattered manner in Limestone formation.
3b	Quantity of mineral production proposed	There were no approved proposals during 2015-16	-	No production is done during since 2013 as the mine was under suspension.

3c	Recovery of sailable/usable mineral from ROM production	There were no approved proposals during 2015-16	-	
3d	Quantity of mineral reject generation	There were no approved proposals during 2015-16	-	
3e	Grade of mineral rejects generation and threshold value declared.	There were no approved proposals during 2015-16	-	There are no mineral rejection stack exists.
3f	Quantity of sub grade mineral generation.	There were no approved proposals during 2015-16	-	There is no sub grade generation of limestone in the ML area.
3g	Grade of sub grade mineral generation	There were no approved proposals during 2015-16	-	
3h	Manual / Mechanised method adopted for segregating from ROM	There were no approved proposals during 2015-16	-	Mining operation are of semi mechanised nature.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	There were no approved proposals during 2015-16	-	
3j	Provision of drilling and blasting in mineral benches	There were no approved proposals during 2015-16	-	In the past there is no drilling and blasting carried out.
3k	Provision of mining machineries in mineral benches	There were no approved proposals during 2015-16	-	Manual mining is done.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	There were no approved proposals during 2015-16	-	benches of 3m height exists in the mine.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	There is no valid approved proposals exists.	-	However, there exists a separate overburden dump exists.
4b	Location of topsoil, OB and mineral reject dumps	There is no valid approved proposals exists.	-	The waste dumps exists besides the pit heads. Proposal have been given in the approved document that these dumps shall be rehandled and backfilled in pit-7.
4c	Number of dumps within lease area and outside of lease area	There is no valid approved proposals exists.	However there are no.o scattered dumps all along the existing pits.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	There is no valid approved proposals exists.	The existing dumps are with in UPL	
4e	Number of active and alive dumps.	There is no valid approved proposals exists.	-	
4f	Number of dead dumps.	There is no valid approved proposals exists.	Nil.	
4g	Number of dumps established.	There is no valid approved proposals exists.	None.	
4h	Whether Retaining wall or garland drain all along dumps are there.	There is no valid approved proposals exists.	-	
4i	Length of Retaining wall or garland drain all along dumps	There is no valid approved proposals exists.	-	
4j	Number of settling ponds	There is no valid approved proposals exists.	Nil	

4k	Specific comments of inspecting officer on waste dump management	There is no valid approved proposals exists.	There are no of scattered dumps all along the pits. In the recently approved document it is proposed that all the scattered dumps shall segregated and backfilled the material in Pit no.7
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Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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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).	There is no valid approved proposals exists.	-	
6b	Area available for rehabilitation (ha) .	There is no valid approved proposals exists.	-	
6c	afforestation done (ha).	There is no valid approved proposals exists.	No afforestation is done.	
6d	No. of saplings planted during the year	There is no valid approved proposals exists.	None	
6e	Cumulative no .of plants	There is no valid approved proposals exists.	-	
6f	Any other method of rehabilitation	There is no valid approved proposals exists.	None	
6g	Cost incurred on watch and care during the year	There is no valid approved proposals exists.	None.	

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	There is no valid approved proposals exists.	-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	There is no valid approved proposals exists.	-
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	There is no valid approved proposals exists.	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	There is no valid approved proposals exists.	-
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	There is no valid approved proposals exists.	-
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	There is no valid approved proposals exists.	-
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	There is no valid approved proposals exists.	-
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	There is no valid approved proposals exists.	-

6p	Compliance of environmental monitoring (core zone and buffer zone)	There is no valid approved proposals exists.	-	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	There is no valid approved proposals exists.	-	In the recently approved document it is committed that the scattered dumps shall be dumped into pit.no,7 and the pit shall be backfilled.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	There is no valid approved proposals exists.	However, the mineral is being sorted out with in Ml area.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	There is no valid approved proposals exists.	Manual sorting being done.	
7c	Different grade of mineral sorted out at mines.	There is no valid approved proposals exists.	-	
7d	Any beneficiation process at mines .	There is no valid approved proposals exists.	However no beneficiation is done.	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	There is no valid approved proposals exists.	No beneficiation is being done except physical sizing.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	There is no valid approved proposals exists.	No top soil exists.	

8b	Concurrent use or storage of topsoil	There is no valid approved proposals exists.	-	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	There is no valid approved proposals exists.	There exists overburden dump at pit heads.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	There is no valid approved proposals exists.	-	In recently approved document it is proposed to backfill pit no.7 with existing scattered dumps.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	There is no valid approved proposals exists.	-	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	There is no valid approved proposals exists.	The ML area is spread with thorny bushes.	
8g	Survival rate	There is no valid approved proposals exists.	-	
8h	Water sprinkling on roads to control airborne dust	There is no valid approved proposals exists.	-	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	There is no valid approved proposals exists.	No aesthetic beauty prevails in the ML area.	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Monthly return shall be submitted before the 10th of every month in respect of preceding month and annual return which shall be submitted before the 1st July each year for the preceding Financial year	The returns are received for nil production
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	To be furnished	The mine was under suspension.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	To be furnished.	Furnished.
9d	Scrutiny of Annual return on afforestation	To be furnished.	Nil afforestation is furnished.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	To be furnished	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	To be furnished	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	To be furnished.	-
9h	Scrutiny of Annual return on fixed assets	To be furnished.	-
9k	Scrutiny of Annual return on mining machineries	To be furnished.	No information is furnished since the mine was under suspension.

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
Rule 24	06/02/2017	01/03/2017			
Rule 45(5)(b)	06/02/2017	01/03/2017			

Date :**(M.Pratap.Reddy)**

Indian Bureau of Mines