

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

**Review and updation of Mining Plan REPORT**

**Hyderabad regional office**

**Mine file No :** AP/NLG/LST-3/HYD

**Mine code :** 38APR14025

- (i) Name of the Inspecting : **M015** ) **MANISH K. MAINDIRATTA**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 23/11/2017
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **MATTAPALLI**
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address  
State : **TELANGANA**  
District : **NALGONDA**  
Village : **MATTAPALLI**  
Taluka : **HUZURNAGAR**  
Post office : **SEEMAPURI**  
Pin Code : **508204**  
FAX No. : **08683-227629**  
E-mail : **mines @nclind.com**  
Phone : **08683- 227630 ,227640**
- (f) Police Station : **MATTAMPALLY**
- (g) First opening date : **05/06/1998**
- (h) Weekly day of rest : **SUN**
2. Address for : **MATTAPALLY**  
correspondance : **MATTAMPALLY MANDAL**  
**NALGONDA DISTRICT**
3. (a) Lease Number : **APR1312**
- (b) Lease area : **46.36**
- (c) Period of lease : **20**
- (d) Date of Expiry : **28/05/2018**
4. Mineral worked : **LIMESTONE** Main

## 5. Name and Address of the

Lessee : NCL INDUSTRIES LTD  
 3-8-352, RR TOWERS  
 CHIRAGALI LANE HYDERABAD  
 HYDERABAD TELANGANA  
 Phone:23203637  
 FAX :040-23202496

Owner : K.RAVI  
 NCL INDUSTRIES LTD 3-8-  
 352,7TH FLOOR,R.RATNA  
 TOWERS,CHIRAGALI LANE  
 HYDERABAD TELANGANA  
 Phone: 040-23203637  
 FAX : 040-23202496

Agent : P.N.RAJU  
 S3-8-352, RR TOWERS  
 CHIRAGALI LANE HYDERABAD  
 HYDERABAD TELANGANA  
 Phone: 08683227634  
 FAX : 08683227629

## Mining Engineer

Name : S.K.NAZEER,Full Time  
 Qualification : B.E.  
 Appointment/ : 29/09/2009  
 Termination date

## Manager

Name : E.UPENDRA CHARY  
 Qualification : DIPLOMA IN MINING & FIRST CLASS MINES  
 Appointment/ : 20/10/2010  
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	05/03/2003
Plan/Scheme of Mining	:	Modif.approved Mining Scheme	28/04/2006
	:	Mining Scheme rule 12 MCDR1988	19/05/2008
	:	Mining Scheme rule 12 MCDR1988	23/09/2013

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year		No backlog of previous violation	
1b	Exploration over lease area for geological axis 1 or 2	one borehole was proposed	One borehole undertaken.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year		Rock Engineering. Notice of drilling the borehole was submitted on 3/10/2017	
1d	Balance area to be explored to bring Geological axis in 1 or 2		Almost entire area has been explored. The area under infrastructure and view needs to be explored measuring about 4 hectare.	
1e	Balance reserve as on 01/04/20	23.133-3.2 million tonnes= 19.93 million tonnes	19.8 million tonne	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	W85-E565 , S250-S600	W85-E565 , S250-S600	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate bench is proposed.	The working is in the area with no topsoil and OB	
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	Nil	Nil	

## Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
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3a	Number of pit proposed for production	single pit	single pit	
3b	Quantity of ROM mineral production proposed	2016-17-800000 MT	2016-17- 892896 MT	11.61 % deviation
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	NIL	NIL	
3f	Quantity of sub grade mineral generation.	NIL	NIL	
3g	Grade of sub grade mineral generation		Not applicable as NIL generation	
3h	Manual / Mechanised method adopted for segregating from ROM		Not applicable as entire ROM is despatched to the plant.	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.		NIL	
3j	Provision of drilling and blasting in mineral benches	Drilling and blasting in mineral benches proposed using 115mm dia machine	Drilling and blasting in mineral benches undertaken using 115mm dia machine	
3k	Provision of mining machineries in mineral benches	excavator-dumper combination proposed	2.6 cu m excavator with 17 tonne dumper is being used.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM		Yes the boomlength is suitable for the bench height.	
3m	Total area covered under excavation/pits	32.62 hectare	About 32- 33 hectare	

3n	Ore to OB ratio for the pit/mine during the year.	1:0	1:0
3p	Production of ROM mineral during the last five year period as applicable	year production in tonnes 2013-14 800100 2014-15 800000 2015-16 800000 2016-17 800000 2017-18 800000 MT	year production in tonnes 2012-13 657750 2013-14 757500 2014-15 832300 2015-16 854000 2016-17 892896 2017-18 (till oct 18) 445000

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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)		NO OB Topsoil is there and as such there is no dump as well.	
4b	Location of topsoil, OB and mineral reject dumps		Not applicable	
4c	Number of dumps within lease area and outside of lease area	NIL	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	Not applicable	
4e	Number of active and alive dumps.	NIL	NIL	
4f	Number of dead dumps.	NIL	NIL	
4g	Number of dumps established.		NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.		N.A	
4i	Length of Retaining wall or garland drain all along dumps		Not applicable	

4j	Number of settling ponds	NIL	NIL
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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 area is mature for backfilling	
5b	Area under backfilling of mined out area		NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	meagre amount was likely to be generated and proposed for concurrent use	NIL generation reported	
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	

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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).		submitted	
6b	Area available for rehabilitation (ha) .		area not mature for the purpose	
6c	afforestation done (ha).	2015-16- 600 saplings over 0.4 ha. 2016-17- 600 saplings over 0.4 ha.	2015-16- 800 saplings over 0.54 ha. 2016-17- 650 over 0.430 hectare	

6d	No. of saplings planted during the year	2015-16- 600 saplings over 0.4 ha. 2016-17- 600 saplings over 0.4 ha.	2015-16- 800 saplings over 0.54 ha. 2016-17- 650 over 0.430 hectare
6f	Any other method of rehabilitation	NIL	NIL
6g	Cost incurred on watch and care during the year		155000 Rs reported
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( L x B x D		No proposal as area is not mature for the prupose
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings		Not applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area		Nil as area is not mature for the prupose
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir		there is a single pit which is being used for excavation. So area is not mature for the prupose
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.		N.A
6m	Compliance of rehabilitation of waste land within lease (i)afforestation		There is no waste land within lease

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Nil as there is no waste land within lease
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not applicable
6p	Compliance of environmental monitoring (core zone and buffer zone)	being done regularly

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area		Entire ROM is despatched to plant without sorting.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.		Not applicable	
7c	Different grade of mineral sorted out at mines.		one single grade	
7d	Any beneficiation process at mines		No processing is done in the mine	

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	meagre generation was anticipated with simulatneous utilisation for plantation	Nil generation as working is largely within the exposed pit workings.	



8b	Concurrent use or storage of topsoil		Nil generation
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)		No dump is there
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use		It is not possible to restore the land to it's original use by backfilling with the OB, mineral reject.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	not done
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)		in last five years about 2 hectare area brought under plantation along the western boundary northern boundary of the lease
8g	Survival rate		60% reported
8h	Water sprinkling proposed on roads to control airborne dust		done

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		returns have been submitted upto Oct 17	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		Mining Engineer and Geologist have been appointed.	

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9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		land use data furnished About 33 hectare under workings as submitted in the returns.
9d	Scrutiny of Annual return on afforestation	data furnished	800 saplings have been planted
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	furnished	892896 MT reported in 2016-17
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost		Ex mine price Rs 128 PMT reported.

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**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
MCDR17	Rule 11(1)	27/12/2017	02/04/2018			

Date :

(MANISH K. MAINDIRATTA)

Indian Bureau of Mines