

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

**MCDR inspection REPORT  
Hyderabad regional office**

**Mine file No :** AP/NLG/LST-18/HYD

**Mine code :** 38APR14018

- (i) Name of the Inspecting : **DP09** ) **D.P.Ravi kumar**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : G.S SUBBAV RAO,AGM  
Official with  
Designation
- (iv) Date of Inspection : 31/10/2018
- (v) Prev.inspection date : 12/02/2016

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **GUNDLAPALLI(322.06GUNTAS)**
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address  
State : TELANGANA  
District : NALGONDA  
Village : GUNDALAPALLI  
Taluka : MATTPALLY  
Post office : SEEMAPURI  
Pin Code : 508204  
FAX No. : 08683227629  
E-mail : nclworks@nclind.com  
Phone : 9390801244
- (f) Police Station : MATTAMPALLY
- (g) First opening date : 09/03/1992
- (h) Weekly day of rest : SUN
2. Address for : SIMHAPURI VILLAGE  
correspondance : MATTAMPALLY MANDAL  
NALGONDA DISTICT
3. (a) Lease Number : APR0159  
(b) Lease area : 130.37  
(c) Period of lease : 20  
(d) Date of Expiry : 21/10/2030
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 : SANTOSH KUMAR,Full Time  
 Qualification : B.E (MINING)  
 Appointment/ : 20/11/2010  
 Termination date

## Manager

Name : K.SUDHAKAR RAO  
 Qualification : DME  
 Appointment/ : 17/08/2010  
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	14/09/1998
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	05/03/2003
		Mining Scheme rule 12 MCDR1988	05/08/2008
		Renewal under rule 24 MCR1960	03/01/2011
		MP modif under 17(3) MCR 2016	31/03/2017

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	None	None	Nil
1b	Exploration over lease area for geological axis 1 or 2	13 Nos.	13Nos.	Lessee achieved as proposed.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	M/s RockEngineering Core Drilling.	M/s RockEngineering Core Drilling.	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	Nil
1e	Balance reserve as on 01/04/20	25.289 Mill tonnes	25.289 Mill tonnes	Nil
1f	General remarks of inspecting officers on geology, exploration etc		The production is achieving as per proposal give.	Satisfactory.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N 3822 N 4100 & E 10840 E11200 54-48 RL	N3822-N4110 & E10840-E11200 54 - 48 RL	The modified mining plan got approved from IBM on 31.05.2017 with new proposals.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Nil	Nil	Nil
2c	Stripping ratio or ore to OB ratio	Nil	Nil	Nil
2d	Quantity of topsoil generation in m3	Nil	Nil	Nil
2e	Quantity of overburden generation in m3	Nil	Nil	Nil

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

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01Nos.	01 No's	The modified mining plan got approved from IBM on 31.03.2017 with
3b	Quantity of ROM mineral production proposed	10,00,000 Mt	10,00,000 Mt	Nil
3c	Recovery of sailable/usable mineral from ROM production	Nil	Nil	Nil
3d	Quantity of mineral reject generation	Nil	Nil	Nil
3e	Grade of mineral rejects generation and threshold value declared.	Nil	Nil	Nil
3f	Quantity of sub grade mineral generation.	Nil	Nil	Nil
3g	Grade of sub grade mineral generation	Nil	Nil	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Mechanized	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	Nil
3j	Provision of drilling and blasting in mineral benches	Nil	Nil	Nil

3k	Provision of mining machineries in mineral benches	4 No's	4 No's	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6 mtrs	6 mtrs	Nil
3m	Total area covered under excavation/pits	28.055 ha	28.055 ha	Nil
3n	Ore to OB ratio for the pit/mine during the year.	Nil	Nil	Nil
3o	Total area put in use under different heads at the end of year	Nil	Nil	Nil
3p	Production of ROM mineral during the last five year period as applicable	2017-18 =10,00,000 Mt 2016-17= 7,94,840 Mt = 2015-16 8,50,984 Mt 2014-15 =10,00,000 Mt 2013-14 =10,00,000 Mt	2017-18= 10,00,000 Mt 2016-17= 8,50,500 Mt 2015-16= 5,98,500 Mt =2014-15 =4,15,125 Mt 2013-14= 3,44,500 Mt	Satisfactory.
3q	General remarks of inspecting officers on method of mining etc.	Nil	Nil	Nil

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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)	Nil	Nil	Nil
4b	Location of topsoil, OB and mineral reject dumps	Nil	Nil	Nil

4c	Number of dumps within lease area and outside of lease area	Nil	Nil	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil	Nil
4e	Number of active and alive dumps.	Nil	Nil	Nil
4f	Number of dead dumps.	Nil	Nil	Nil
4g	Number of dumps established.	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Nil	Nil
4i	Length of Retaining wall or garland drain all along dumps	Nil	Nil	Nil
4j	Number of settling ponds	Nil	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	NIL	Actually the top soil recovered is used in planatation.	Satisfactory.

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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.	Nil	Nil	Nil
5b	Area under backfilling of mined out area	Nil	Nil	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	Nil

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5d	Total area fully reclaimed and rehabilitated	Nil	Nil	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Nil	Actually the top soil recovered is used in planatation.	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).	As per rule	The Annual Report on PMCP has been received.	Nil
6b	Area available for rehabilitation (ha) .	Not in Proposal	Not applicable.	Nil
6c	afforestation done (ha).	0.607 ha	0.607 ha	Nil
6d	No. of saplings planted during the year	1200 No's	1200 No's	Nil.
6e	Cumulative no .of plants	11000 numbers	11000 numbers	Nil
6g	Cost incurred on watch and care during the year	Rs. 5,04,985/-	Rs. 5,04,985/-	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Not in Proposal	Not applicable	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not in Proposal	Not applicable	Nil

6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal	Not applicable	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Not applicable	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal	Not applicable	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposals	Not applicable	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposals	Not applicable	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposals	Not applicable	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly Monitoring of air & water is proposed.	Yes, as per proposal	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Plantation proposals given	Plantation is observed.	Nil

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Mineral Conservation:

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Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Nil	Nil	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical	Nil
7c	Different grade of mineral sorted out at mines.	Not in Proposal	Whole ROM is despatched to own captive cement plant.	Nil
7d	Any beneficiation process at mines	Not proposed	Not applicable	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	As per proposals	As per proposal	As per proposal.

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed	Not applicable	Nil
8b	Concurrent use or storage of topsoil	Not proposed	Not applicable	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not proposed	Not applicable	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposals	Nil	Nil

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not in proposal	Not applicable	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Out side plantation, 1500 No's samples	Out side plantation, 1500 No's samples	Nil
8g	Survival rate	Not proposed	80%	Nil
8h	Water sprinkling on roads to control airborne dust	Water Sprinkling on all dust generating points i.e.haul road, loading points	A water tanker is deployed in mines for water sprinkling on all dust generating points on regular basis.	As per proposal.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	As per proposal	As per proposal	Nil

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Online monthly and annual return is to be submitted in time as per provision of MCDR 2017	Monthly returns submitted up to November 2018 and Annual Returns submitted for the period of 2017-18.	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Details for geologist, mining engineer and manager is given.	Found in order as per record.	Nil

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details given. As per records.		Nil
9d	Scrutiny of Annual return on afforestation	Details of plantation given.	Found in order as per records	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No reject is generated	Not applicable.	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Details given.	Found in order as per records provided.	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Details given.	Ex mine price reported as Rs. 166.	Nil
9h	Scrutiny of Annual return on fixed assets	Details of fixed asset given.	Details are given.	Nil.
9k	Scrutiny of Annual return on mining machineries	Details of machineries are given.	Yes, the information is provided as per the records.	All the information is provided as per the records.

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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

Date :

(D.P.Ravi kumar)

Indian Bureau of Mines