

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

**MCDR inspection REPORT**

**Hyderabad regional office**

**Mine file No :** AP/KNL/LST-140/HYD

**Mine code :** 38APR11043

- (i) Name of the Inspecting : **DP09** ) **D.P.Ravi kumar**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Shri A Jagan Mohan Reddy, Geologist  
Official with  
Designation
- (iv) Date of Inspection : 21/01/2019
- (v) Prev.inspection date : 10/03/2017

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **GURUVANIPALLI, 5634/MA/95**
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :  
State : ANDHRA PRADESH  
District : KURNOOL  
Village : GURUVANIPALLI  
Taluka : KOLIMIGUNDLA  
Post office : KOLIMIGUNDLA  
Pin Code :  
FAX No. :  
E-mail :  
Phone :
- (f) Police Station :
- (g) First opening date : 30/09/1995
- (h) Weekly day of rest : SUN
2. Address for : M/S ULTRATECH CEMENT LIMITED  
correspondance : AP CEMENT WORKS, BHOGSAMUDRAM POST, TADIPATRI MA  
ANANTPUR DISTRICT A.P
3. (a) Lease Number : APR1275
- (b) Lease area : 395.3
- (c) Period of lease : 20
- (d) Date of Expiry : 01/01/2017
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : M/S DAKSHIN CEMENTS LTD  
503,V FLOOR ADITYA ARCADE,  
AMEERPET HYDERABAD  
HYDERABAD TELANGANA  
Phone:55430430  
FAX :55430440

6. Date of approval of Mining  
Plan/Scheme of Mining

:	Fresh under rule 22 MCR1960	17/02/1995
	Mining Scheme rule 12 MCDR1988	21/08/2009
	Mining Scheme rule 12 MCDR1988	03/12/2012
	MP modif under 17(3) MCR 2016	19/09/2016
	MP modif under 17(3) MCR 2016	01/08/2018

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	27 Holes 200 x 200	11 Holes 200 x 200	Remaining has been consider in the modified mining plan for the year 2018-19. The modified mining plan is approved on 01.08.2018.
1b	Exploration over lease area for geological axis 1 or 2		62.5 ha brought under G1 category and remaining area is under G4 category.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Synergy Geotech Nagpur	Synergy Geotech Nagpur	
1d	Balance area to be explored to bring Geological axis in 1 or 2	332.65 Ha.	332.65 Ha.	
1e	Balance reserve as on 01/04/20	Proved Mineral Reserves (111) - 22.509mT as Prefeasibilit Y Resource8.309 mT Reconnaissance resources - 154.752 mT	Proved Mineral Reserves (111) -22.509mT as Prefeasibility Resource8.309 mT Reconnaissance resources - 154.752 mT	
1f	General remarks of inspecting officers on geology, exploration etc	Further exploration is required and the reserves is available as perproposal.	Further exploration is required and the reserves is available as per proposal.	Further exploration is required and the reserves is available as per proposal.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N : 10840 - 11070, E : 15264 - 15416	N : 10840 - 11070, E : 15264 - 15416 scraped bunds and scattered dumps are being handled.	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Proposed	The outcrop was scraped, no topsoil and OB bench is there.	
2c	Stripping ratio or ore to OB ratio	Nil	Nil	
2d	Quantity of topsoil generation in m3	4752 cum	Nil	The modified Mining Plan was approved on 01.08.2018.
2e	Quantity of overburden generation in m3	Nil	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Mine Pit is not developed only scattered outcrops were developed. The modified Mining plan was approved on 01.08.2018.	Mine Pit is not developed only scattered outcrops were developed. The modified Mining plan was approved on 01.08.2018.

### Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	1(ONE)	1(ONE)	
3b	Quantity of ROM mineral production proposed	2017-18 =300000 MT	2017-18 =30000 MT	The modified mining plan was approved on 01.08.2018.
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	No proposal	NA	
3e	Grade of mineral rejects generation and threshold value declared.	No proposal of mineral reject generation	NA	
3f	Quantity of sub grade mineral generation.	Nil	Nil	
3g	Grade of sub grade mineral generation	Nil	Nil	

3h	Manual / Mechanised method adopted for segregating from ROM	Nil	Nil	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No beneficiation study proposed.	No beneficiation study carried out on sub-grade and reject	No beneficiation study carried out on sub-grade and reject
3j	Provision of drilling and blasting in mineral benches	Proposed to use ANFO with slurry explosive.	undertaken drilling and blasting. Lessee is having its own common magazine.	
3k	Provision of mining machineries in mineral benches	exc 6.5cu m- 2 nos Dumper 55 T- 7 Nos Rock breaker - 2 Nos Dozer- 1 No.	exc 6.5cu m- 2 nos Dumper 55 T- 7 Nos Rock breaker -2 Nos Dozer- 1 No.	exc 6.5cu m- 2 nos Dumper 55 T- 7 Nos Rock breaker -2 Nos Dozer- 1 No.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Nil	Nil	
3m	Total area covered under excavation/pits	36.990ha till end of the plan period.	About 34 ha of land is put to use. out of it about 33 ha., is due to old excavations and dumps.	
3n	Ore to OB ratio for the pit/mine during the year.		Not applicable as out crop is scraped.	
3o	Total area put in use under different heads at the end of year	Infrastructure - 0.09 Pit- about 33 hectare, Green belt 7.896ha, Road 1.53 hectare.	Infrastructure - 0.09 Pit- about 33 hectare, Green belt 9.256, Road 1.53 hectare.	

3p	Production of ROM mineral during the last five year period as applicable	2013-14=262000MT, 2014-15=315500 MT, 2015-16=315500 MT, 2016-17=300000 MT, 2017-18=300000	2013-14=Nil, 2014-15=6000 mt, 2016-17=1000 MT, 2017-18=30000 MT	
3q	General remarks of inspecting officers on method of mining etc.	Opencast fully mechanised mining method	Opencast fully mechanised mining method	Opencast fully mechanised mining method

## Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposals	Not applicable	Nil
4b	Location of topsoil, OB and mineral reject dumps	N : 10840 - 11070, E : 15264 - 15416	As per proposals.	Nil
4c	Number of dumps within lease area and outside of lease area		No dump created in 2017-18	Old dumps are there in the northern and southern part of the lease.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Not applicable	Nil
4e	Number of active and alive dumps.	Nil	Old quarry dumps are laid.	Nil
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Not applicable	Nil
4i	Length of Retaining wall or garland drain all along dumps	Nil	Nil	

4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer on waste dump management		No dumps created during 2017-18. Old dumps are there in the northern and southern part of the lease.	No dumps created during 2017-18. Old dumps are there in the northern and southern part of the lease.

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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 backfilling proposed.	Not applicable as no area is mature for the reclamation and rehabilitated	
5b	Area under backfilling of mined out area	Not proposed	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	
5d	Total area fully reclaimed and rehabilitated	Nil	Not applicable, as no area is matured for the reclamation and rehabilitated.	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No backfilling and reclamation proposal.	There is area is matured for reclamation.	

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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	Submitted	

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6b	Area available for rehabilitation (ha) .	No proposal	Not applicable as no area is matured for rehabilitation.	Not applicable as no area is matured for rehabilitation.
6c	afforestation done (ha).	No proposals.	Not applicable as no area is matured for rehabilitation.	Not applicable as no area is matured for rehabilitation.
6d	No. of saplings planted during the year	No proposals	Not applicable as no area is matured for rehabilitation.	Not applicable as no area is matured for rehabilitation.
6e	Cumulative no .of plants		Not applicable as no area is matured for rehabilitation.	Not applicable as no area is matured for rehabilitation.
6f	Any other method of rehabilitation		Not applicable as no area is matured for rehabilitation.	Not applicable as no area is matured for rehabilitation.
6g	Cost incurred on watch and care during the year		Not applicable as no area is matured for rehabilitation.	Not applicable as no area is matured for rehabilitation.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposals	Not applicable as no area is matured for backfilling.	Not applicable as no area is matured for backfilling.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Not applicable as no area is matured for rehabilitation.	Not applicable as no area is matured for rehabilitation.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Nil	Not applicable as no area is matured for rehabilitation.	Not applicable as no area is matured for rehabilitation.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposals.	Not applicable as no area is matured for rehabilitation.	Not applicable as no area is matured for rehabilitation.



6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposals.	Not applicable as no area is matured for rehabilitation.	Not applicable as no area is matured for rehabilitation.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	2017-18= 1.00 Ha, 1600 No's saplings	The entire land is mineralised.However, the lessee has undertaken planataion about 1153 saplings have been planted in 2016-17 and 300 saplings during 2017-18.	The entire land is mineralised.However, the lessee has undertaken planataion about 1153 saplings have been planted in 2016-17 and 300 saplings during 2017-18.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Nil	Nil	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal	Not applicable	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	complied	Complied
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		The work towards PMCP implementataion was satisfactory.	The work towards PMCP implementataion was satisfactory.

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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 Mineral Produced is dispatched.	Entire Mineral Produced is dispatched.

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	Not applicable, all ROM mineral dispatched to captive cement plant.	Not applicable, all ROM mineral dispatched to captive cement plant.
7c	Different grade of mineral sorted out at mines.	No Proposals	Not applicable	
7d	Any beneficiation process at mines	No proposal	Not applicable	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		The work towards mineral conservation was satisfactory. Further, there are dumps of flaggy limestone in the lease which may be assessed for quality and used in plant after blending with high grade material.	The work towards mineral conservation was satisfactory. Further, there are dumps of flaggy limestone in the lease which may be assessed for quality and used in plant after blending with high grade material.

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposals.	Not applicable	Not applicable
8b	Concurrent use or storage of topsoil	No proposals	Not applicable	Not applicable at present.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposals	Not applicable at present	Not applicable at present.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use		Old quarry dumps laid with in the ML. Further, the lessee has obtained the permission from ADMG consent to lift this material with proper royalty payment.	Old quarry dumps laid with in the ML. Further, the lessee has obtained the permission from ADMG consent to lift this material with proper royalty payment.

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposals.	Not applicable at present	Not applicable at present
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)		About 1153 saplings were planted in 2016-17 and 300 saplings were planted during 2017-18. Cumulative plantation done as on date of inspection 19638 Nos.	About 1153 saplings were planted in 2016-17 and 300 saplings were planted during 2017-18. Cumulative plantation done as on date of inspection 19638 Nos.
8g	Survival rate	Not specified.	80%	80%
8h	Water sprinkling on roads to control airborne dust	Water tanker deployment	Water Tanker Provided to control airborne dust.	Water Tanker Provided to control airborne dust.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		The general aesthetic beauty in and around the mines area is good	The general aesthetic beauty in and around the mines area is good

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly returns submitted up to January 2019 A.R. Submitted for 2017-18	Monthly returns submitted up to January 2019 A.R. Submitted for 2017-18	Monthly returns submitted up to January 2019 A.R. Submitted for 2017-18
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Detail given in AR 2016-17.	Mining Engineer=Shri .Thirupathi Reddy Geologist=S.Srinivasan Mines Manager=Dhoora Ram Beniwal	Mining Engineer=Shri .Thirupathi Reddy Geologist=S.Sriniv asan Mines Manager=Dhoora Ram Beniwal

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Deatil given.	Found to be in order.	Nil
9d	Scrutiny of Annual return on afforestation		1153 saplings have been planted in 2016-17 and 300 saplings duing 2017-18.	11738 plants developed with in the leases
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	No mineral reject generation.	No mineral reject generation.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Details given.	Prod 30000 T in the AR for 2017-18	Prod 30000 T in the AR for 2017-18
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Details givern	Cost of Production=Rs 174.85, Ex-mine price Rs 174.85 @MT	
9h	Scrutiny of Annual return on fixed assets		Not available	
9k	Scrutiny of Annual return on mining machineries	Given in A.R.	1 Shovel and 3 tippers.	FOUND OK.

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**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 :**

(D.P.Ravi kumar)

Indian Bureau of Mines