

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

**Review and updation of Mining Plan REPORT**

**Hyderabad regional office**

**Mine file No :** AP/GNR/LST-20/HYD

**Mine code :** 38APR07001

- (i) Name of the Inspecting : CS10 ) Ch.Suseela  
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Sri .B.Narasimhulu, Mines Manager and Sri.K.Rambabu, QP  
Official with  
Designation
- (iv) Date of Inspection : 28-APR-23
- (v) Prev.inspection date : 03-AUG-17

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : GAMALPADU (DCW611/18) 170.2
- (b) **Registration NO.** : IBM/10168/2012
- (c) **Category** : A Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : GUNTUR
- Village : GAMALAPADU
- Taluka : DACHEPALLI
- Post office : DACHEPALLI
- Pin Code : 522414
- FAX No. :
- E-mail : acldcw.mines@gmail.com
- Phone : 9848090286
- (f) **Police Station** : DACHEPALLI
- (g) **First opening date** : 21-MAR-83
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : ANDHRA CEMENTS LTD, DCW, DURGAPURAM  
DACHEPALLI  
GUNTUR DT.
3. (a) **Lease Number** : APR1100
- (b) **Lease area** : 170.22 ha
- (c) **Period of lease** : 50 yrs
- (d) **Date of Expiry** : 31-MAR-30
4. **Mineral worked** : LIMESTONE Main

## 5. Name and Address of the

Lessee : ANDHRA CEMENTS LTD.  
DURGAPURAM, SRINAGAR POST  
DACHEPALLI MANDAL PALNAD  
DISTRICT HYDERABAD  
TELANGANA  
Phone: 98480 90286  
FAX :           

Owner : S.SREEKANTH REDDY  
DURGAPURAM, SRINAGAR POST  
DACHEPALLI MANDAL PALNAD  
DISTRICT GUNTUR ANDHRA  
PRADESH  
Phone: 98480 90286  
FAX :           

Agent : P.BIKSHA REDDY  
DURGAPURAM, SRINAGAR POST  
DACHEPALLI MANDAL PALNAD  
DISTRICT, A.P GUNTUR ANDHRA  
PRADESH  
Phone: 9989662167  
FAX :           

## Mining Engineer

Name : B.NARASIMHULU, Full Time  
Qualification : AMIE & I CLASS CERTIFICATE OF COMPETENC  
Appointment/ : 08-JAN-15  
Termination date

## Geologist

Name : J.SRIKANTH, Full Time  
Qualification : M.Sc (Geology)  
Appointment/ : 20-APR-23  
Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	24-NOV-98
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	21-JUN-04
		Modif.approved Mining Scheme	31-MAY-07
		Mining Scheme rule 12 MCDR1988	23-SEP-08
		MP modif under MCR 1960	20-MAR-15
		MP review under 17(1) MCR 2016	12-SEP-17
		MP modif under 17(3) MCR 2016	11-MAY-20

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	NIL	The Validity of the proposals of the approved modified mining plan has been expired on 31.3.2022.
1b	Exploration over lease area for geological axis 1 or 2	No proposal	NIL	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	About 15.67 ha of G2 area is to be converted into G1 scale	Out of total lease area of 170.22 ha, about 154.55 ha area has been explored under G1 scale. For the remaining area, proposal has been made in the draft RMP to convert the G2 area into G1 scale
1e	Balance reserve as on 01/04/20	Reserves assessed as on 1.7.2017 in the MMP approved on 12.9.2017. 111/122 =52.443 million tonnes 211/222= 6.043 million tonnes 333 = 56.267 million tonnes	Depletion= 1.7.2017- 31.3.2018= 1.012 million tonnes 2018-19= 0.908 million tonnes 2019-20 = 0.4190 million tonnes Balance reserve/ resource 111 (reserves)= 50.104 million tonnes 211/222 (resource)= 6.043 million tonnes 333 (resource)= 56.267 million tonnes	

1f	General remarks of inspecting officers on geology, exploration etc	_____	_____	The mining lease area belongs to Narji Limestone formation of Kurnool group of rocks. About 154.55 ha area has been covered under G1 scale. Remaining G2 area is proposed to convert into G1 scale in this plan period. The mine was not in operation since February, 2020.
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## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposals	NIL	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposals	NIL	
2c	Stripping ratio or ore to OB ratio	No proposals	NIL	
2d	Quantity of topsoil generation in m3	No proposals	NIL	
2e	Quantity of overburden generation in m3	No proposals	NIL	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	_____	_____	The mine was not in operation since February, 2020. The Validity of the proposals of the approved modified mining plan has been expired on 31 3 2020

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No Proposal	NIL	
3b	Quantity of ROM mineral production proposed	No Proposal	NIL	
3c	Recovery of sailable/usable mineral from ROM production	No Proposal	NIL	
3d	Quantity of mineral reject generation	No Proposal	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	No Proposal	NIL	
3f	Quantity of sub grade mineral generation.	No Proposal	NIL	
3g	Grade of sub grade mineral generation	No Proposal	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposal	NIL	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposal	NIL	
3j	Provision of drilling and blasting in mineral benches	No Proposal	NIL	

3k	Provision of mining machineries in mineral benches	No Proposal	NIL	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Proposal	NIL	
3m	Total area covered under excavation/pits	No Proposal	71.998 HA	
3n	Ore to OB ratio for the pit/mine during the year.	No Proposal	NIL	
3o	Total area put in use under different heads at the end of year	No Proposal	Pit- 71.998 Ha Roads-2.490 Ha, Infrastructure-0.17 Ha.	
3p	Production of ROM mineral during the last five year period as applicable	2017-18= 3000000 T 2018- 19=3000000 T 2019- 20=3000000 T 2020- 21=3000000 T 2021-22= 3000000 T	2017-18= 1.012 T 2018-19= 0.9380 MT 2019-20= 0.4190MT 2020-21=NIL 2021-22=NIL	
3q	General remarks of inspecting officers on method of mining etc.			The mining operations are proposed to be carried out by open cast mechanised 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 Proposal	NIL	

4b	Location of topsoil, OB and mineral reject dumps	No Proposal	NIL	
4c	Number of dumps within lease area and outside of lease area	No Proposal	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposal	NIL	
4e	Number of active and alive dumps.	No Proposal	NIL	
4f	Number of dead dumps.	No Proposal	NIL	
4g	Number of dumps established.	No Proposal	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	No Proposal	NIL	
4i	Length of Retaining wall or garland drain all along dumps	No Proposal	NIL	
4j	Number of settling ponds	No Proposal	NIL	
4k	Specific comments of inspecting officer on waste dump management	_____	_____	As the recovery of Limestone is 100 %, no waste generation is anticipated. Hence management of waste dump does not arise.

#### Solid Waste Management - Backfilling:

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

#### 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).	No Proposal	NIL	
6b	Area available for rehabilitation (ha) .	No proposal	NIL	
6c	afforestation done (ha).	No proposal	NIL	
6d	No. of saplings planted during the year	No proposal	NIL	
6e	Cumulative no .of plants	No proposal	NIL	



6f	Any other method of rehabilitation	No proposal	NIL
6g	Cost incurred on watch and care during the year	No proposal	NIL
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( L x B x D	No proposal	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on on backfilled area	No proposal	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal	NIL
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposal	About 35.60 Ha of area was covered by afforestation with 29,384 plants .

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal	NIL	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal	NIL	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal	NIL	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	_____	_____	The mine was not in operation since February, 2020. The Validity of the proposals of the approved modified mining plan has been expired on 31.3.2022.

#### Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	NIL	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	NIL	
7c	Different grade of mineral sorted out at mines.	No proposal	NIL	

7d	Any beneficiation process at mines	No proposal	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	_____	_____	_____

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**Environment:**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	NIL	
8b	Concurrent use or storage of topsoil	No proposal	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NIL	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal	NIL
8g	Survival rate	No proposal	NIL
8h	Water sprinkling on roads to control airborne dust	No proposal	NIL
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	_____	_____

## Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to March 2023 A.R. Submitted upto F.Y. 2021-22	M.R. Submitted up to March 2023 A.R. Submitted upto F.Y. 2021-22	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer : B Narasimhulu Geologist-NIL, Mines Manager-NIL	Mining Engineer : B Narasimhulu Geologist-NIL, Mines Manager-NIL	The mine was not in operation since February, 2020. The Validity of the proposals of the approved modified mining plan has been expired on 31.3.2022.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under Pits - 74.00 Ha Infrastructure -3.232Ha, Others-1.00 Ha	Area under Pits - 71.998 Ha Infrastructure -0.17 Ha, Roads-2.490 Ha	Violation of Rule 45(7) was pointed out to the lessee.
9d	Scrutiny of Annual return on afforestation	NIL	NIL	

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	ROM: Opening Balance- 42400 Tonnes Production: NIL  Closing balance- 42400 Tonnes	Could not be verified as the material was lying in the pit which was water logged.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NIL	NIL
9h	Scrutiny of Annual return on fixed assets	NIL	NIL
9k	Scrutiny of Annual return on mining machineries	NIL	NIL

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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
MCDR17 Rule 34(1)	08-MAY-23		
Rule 45(7) (i)	08-MAY-23		

**Date :****(Ch. Suseela)**

Indian Bureau of Mines