

**INDIAN BUREAU OF MINES  
MINERALS DEVELOPMENT 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 : **25** ) **SHRI IBRAHIM SARIF**  
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri T V Srinivasan, Agent(Mines), Shri G madhusudhan  
Official with  
Designation
- (iv) Date of Inspection : 20/05/2016
- (v) Prev.inspection date : 22/07/2014

**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 correspondance** : M/S DAKSHIN CEMENTS  
503, V FLOOR, ADITYA ARCADE CENTRE  
AMEERPET, HYDERABAD - 500038
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 | : | Fresh under rule 22 MCR1960    | 17/02/1995 |
| Plan/Scheme of Mining         |   | Mining Scheme rule 12 MCDR1988 | 21/08/2009 |
|                               |   | Mining Scheme rule 12 MCDR1988 | 03/12/2012 |

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

## Exploration :

| Sl.No. | Item                                                                | Proposals                                                                                            | Actual work                                                                                                                                                                                                                                  | Remarks |
|--------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 1a     | Backlog of previous year                                            | 2014-15:<br>Bore Hole:06<br>Meterage: 180 mtrs<br><br>2015-16:<br>Bore Hole:06<br>Meterage: 180 mtrs | Nil                                                                                                                                                                                                                                          |         |
| 1b     | Exploration over lease area for geological axis 1 or 2              | 2014-15 @ 24 Ha.,<br>2015-16 @ 24 Ha.,                                                               | Nil                                                                                                                                                                                                                                          |         |
| 1c     | Exploration Agencies and Expenditure in lakh rupees during the year | 2014-15 @ Rs.3,60,000/- (180 x 2000)<br>2015-16 @ Rs.3,60,000/- (180 x 2000)                         | Nil                                                                                                                                                                                                                                          |         |
| 1d     | Balance area to be explored to bring Geological axis in 1 or 2      | 295.15 Hectares (100 Hectares of the area already exploration completed)                             | Nil                                                                                                                                                                                                                                          |         |
| 1e     | Balance reserve as on 01/04/20                                      | Mineable Reserves: 6.59 Million MT as per approved Scheme of Mining                                  | No increment as no exploration was carried out                                                                                                                                                                                               |         |
| 1f     | General remarks of inspecting officers on geology, exploration etc  | Proposal to explore 295.15 Ha area and enhance the reserves.                                         | Stratigraphy of Limestone:<br>1) Flaggy Limestone<br>2) Massive Limestone<br>a) Darkgrey Limestone<br>b) Grey Limestone<br>c) Light Grey Limestone<br>3) Shale<br>Dipping of the deposit 50 to 100 NE<br><br>No exploration was carried out. |         |

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**Development :**

| Sl.No. | Item                                                                                    | Propasals                                                                                            | Actual work                                                 | Remarks |
|--------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------|
| 2a     | Location of development w.r.t.lease area                                                | 2014-15<br>N16040 -<br>N16235<br>E9840 - E9930<br><br>2015-16<br>N16040 -<br>N16235<br>E9840 - E9930 | N16069 - N16149<br>E9615 - E9663                            |         |
| 2c     | Stripping ratio or ore to OB ratio                                                      | 2014-15 @<br>1:0.05<br>2015-16 @<br>1:0.05                                                           | Nil                                                         |         |
| 2f     | General remarks of inspecting officers on development of pit w.r.t. type of deposit etc |                                                                                                      | Outcrops are stocked in site.<br>80 x 45 mtrs pit developed |         |

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**Exploitation:**

| Sl.No. | Item                                                              | Propasals                                              | Actual work                           | Remarks |
|--------|-------------------------------------------------------------------|--------------------------------------------------------|---------------------------------------|---------|
| 3a     | Number of pit proposed for production                             | 2 Pits                                                 | 1 Pit                                 |         |
| 3b     | Quantity of ROM mineral production proposed                       | 2014-15 @<br>262000 tones<br>2015-16 @<br>315500 tones | 2014-15 @ 6000 tones<br>2015-16 @ Nil |         |
| 3e     | Grade of mineral rejects generation and threshold value declared. | 2014-15 @<br>13100 tones<br>2015-16 @<br>15775 tones   | Nil                                   |         |
| 3h     | Manual / Mechanised method adopted for segregating from ROM       | Mechanised                                             | Mechanised                            |         |
| 3j     | Provision of drilling and blasting in mineral benches             | 6m                                                     | Nil                                   |         |

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|    |                                                                                                      |                                                                                                                                                                                        |                                                                                                     |
|----|------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 3k | Provision of mining machineries in mineral benches                                                   | Machinery Quantity Capacity<br>air compressor 01 250 cfm<br>Wagon drills 01 105mm dia<br>Excavator 02 1.1 m3<br>Wheel loader 01 0.30 m3<br>Exploder 01 100 shots<br>Tippers 05 10 tons | Existing machinery of Tummalapenta mines is being used.                                             |
| 3l | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | Height of Dumps @ 10 mtrs                                                                                                                                                              | Nil                                                                                                 |
| 3m | Total area covered under excavation/pits                                                             | 6.60 Hectares (Total 33.00 Hectares proposed for the end of Plan period)                                                                                                               | 0.7 Ha                                                                                              |
| 3o | Total area put in use under different heads at the end of year                                       | Excavated Pit @ 33.00 Hectares<br>Roads @ 1.530 Hectares                                                                                                                               | Excavated Pit @ 0.7 Ha.,<br>Roads @ 0.11 Ha.,<br>Weigh Bridge @ 0.17 Ha.,<br>Plantation @ 2.04 Ha., |
| 3p | Production of ROM mineral during the last five year period as applicable                             | 1511000 tones                                                                                                                                                                          | Nil                                                                                                 |

## Solid Waste Management - Dumping:

| Sl.No. | Item                                                             | Propasals                              | Actual work | Remarks |
|--------|------------------------------------------------------------------|----------------------------------------|-------------|---------|
| 4a     | Separate dumping of topsoil, OB and mineral rejects (Rule 32,33) | 2014-15 @ 66600 tones<br>2015-16 @ Nil | Nil         |         |
| 4c     | Number of dumps within lease area and outside of lease area      | 01                                     | Nil         |         |

|    |                                                       |                                |     |
|----|-------------------------------------------------------|--------------------------------|-----|
| 4d | Location of dumps w.r.t. ultimate pit limit (Rule 16) | E9223 N 15170<br>E9390 N 15132 | Nil |
| 4j | Number of settling ponds                              | 2014-15 @ 1<br>2015-16 @ 1     | Nil |

### Solid Waste Management - Backfilling:

| Sl.No.                         | Item                                                                         | Propasals                                                                    | Actual work                           | Remarks |
|--------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------|---------|
| 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). | Yes                                                                          | No                                    |         |
| 6p                             | Compliance of environmental monitoring (core zone and buffer zone)           | Quarterly to be monitored Environmental (core zone & buffer zone separately) | Yes, monitoring is being carried out. |         |

### Mineral Conservation:

| Sl.No. | Item                                                         | Propasals                                        | Actual work                           | Remarks |
|--------|--------------------------------------------------------------|--------------------------------------------------|---------------------------------------|---------|
| 7a     | ROM Mineral dispatch or grade-wise sorting within lease area | 2014-15 @ 248900 tones<br>2015-16 @ 299725 tones | 2014-15 : 1000 tones<br>2015-16 : Nil |         |

### Environment:

| Sl.No. | Item                                                  | Propasals                              | Actual work      | Remarks |
|--------|-------------------------------------------------------|----------------------------------------|------------------|---------|
| 8a     | Separate removal and utilization of topsoil (Rule 32) | 2014-15 @ 66600 tones<br>2015-16 @ Nil | 2015-16 @ 170 M3 |         |

|    |                                                                 |                                   |
|----|-----------------------------------------------------------------|-----------------------------------|
| 8h | Water sprinkling water tanker on roads to control airborne dust | Separate water tanker is provided |
|----|-----------------------------------------------------------------|-----------------------------------|

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### Compliance of Rule 45:

| Sl.No. | Item                                                                                          | Propasals | Actual work                                                                                                         | Remarks                   |
|--------|-----------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------------------------------------|---------------------------|
| 9a     | Status of submission of Monthly and Annual returns                                            |           | a) Annual returns submitted for the year 2013-14 & 2014-15 in online<br>b) Monthly Submitting the Form F8 in online |                           |
| 9c     | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. |           | Deviation is observed                                                                                               | Violation was pointed out |

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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 |
| Rule 13(1)         | 06/06/2016 |               |                     |           |               |
| Rule 23E(2)        | 06/06/2016 |               |                     |           |               |
| Rule 29            | 06/06/2016 |               |                     |           |               |
| Rule 42(1)(C)(I)   | 06/06/2016 |               |                     |           |               |
| Rule 45(7)         | 06/06/2016 |               |                     |           |               |

**Date :**
**(SHRI IBRAHIM SARIF)**

Indian Bureau of Mines