

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

**MCDR inspection REPORT  
Hyderabad regional office**

**Mine file No :** AP/KNL/LST-137/HYD

**Mine code :** 38APR11079

- (i) Name of the Inspecting : **C\$10** ) **Ch.Suseela**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Shri. C.Suresh, Manager  
Official with  
Designation
- (iv) Date of Inspection : 28-OCT-21
- (v) Prev.inspection date : 15-MAR-18

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **VENKATAPURAM (S.NO 76)**
- (b) **Registration NO.** : **IBM/20003/2015**
- (c) **Category** : **A Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **ANDHRA PRADESH**
- District : **KURNOOL**
- Village : **VENKATPURAM**
- Taluka : **DHONE**
- Post office : **YENKENDLA**
- Pin Code : **518222**
- FAX No. :
- E-mail : **kranthiindustriesbpl@gmail**
- Phone : **440529617 (CELL),901437777**
- (f) **Police Station** : **BANAGANAPALLI**
- (g) **First opening date** : **13-MAR-00**
- (h) **Weekly day of rest** : **SUN**
2. **Address for** : **SRI BHRAMESWARA REDDY**  
**correspondance** **KOLUMULAPALLI (PO)**  
**BETHAMCHERLA (M), KURNOOL DISTRICT.**
3. (a) **Lease Number** : **APR1435**
- (b) **Lease area** : **.64**
- (c) **Period of lease** : **20**
- (d) **Date of Expiry** : **09-MAR-20**
4. **Mineral worked** : **LIMESTONE** **Main**

## 5. Name and Address of the

Lessee : BHRAMESWARA REDDY  
 MINE OWNER KOLUMULAPALLI  
 (P.O.) BETHAMCHERLA (M)  
 KURNOOL ANDHRA PRADESH  
 Phone:9440529617 (CELL)  
 FAX :

Owner : BHRAMESWARA REDDY  
 KOLUMULAPALLI (P.O)  
 BETHAMCHERLA (M) KURNOOL  
 ANDHRA PRADESH  
 Phone: 9440529617 (CEL  
 FAX :

|                               |   |                                |           |
|-------------------------------|---|--------------------------------|-----------|
| 6. Date of approval of Mining | : | Fresh under rule 22 MCR1960    | 17-NOV-99 |
| Plan/Scheme of Mining         |   | Mining Scheme rule 12 MCDR1988 | 11-NOV-16 |
|                               |   | MP modif under 17(3) MCR 2016  | 27-NOV-19 |

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

## Exploration :

| Sl.No. | Item                                                                | Proposals                                                                                          | Actual work                                                                                                                                                                             | Remarks                                                                                                |
|--------|---------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| 1a     | Backlog of previous year                                            | 5 DTH in 50 x 200 GRID with a meterage of 15 m each in 2019-20                                     | NIL                                                                                                                                                                                     | Violation of Rule 11(1) was pointed out to the lessee                                                  |
| 1b     | Exploration over lease area for geological axis 1 or 2              | No proposal                                                                                        | 2.125 ha area is covered under working pit.                                                                                                                                             |                                                                                                        |
| 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      | Proposed to convert entire lease area into G1 level                                                | Upto 8m depth from surface, the lease area is converted into G1 level by one major working pit. Proposed 5 DTH to be drilled in 7.5 m safety zone to bring the total area into G1 scale | 5 DTH holes were not drilled as proposed. Hence violation of Rule 11(1) was pointed out to the lessee. |
| 1e     | Balance reserve as on 01/04/20                                      | 59178(111)<br>Grade : Cao--49.21 to 52.72%, Mgo--0.67 to 2.86 %, Sio2--1.23 to 6.86%<br>30000(211) | 52178(111) Grade : Cao--49.21 to 52.72%, Mgo--0.67 to 2.86 %, Sio2--1.23 to 6.86%<br>30000(211)                                                                                         |                                                                                                        |

|    |                                                                    |  |  |                                                                                                                                                                                                                                                                                                   |
|----|--------------------------------------------------------------------|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1f | General remarks of inspecting officers on geology, exploration etc |  |  | The mineral deposit occurring in the mining lease area is tuffaceous limestone with uniform deposition from 1 to 7 m depth. 7 trial pits have been dug up to 5m depth and working pit upto 8 m depth shows the occurrence of ore. Thus up to 8m depth from surface the ore is proved in G1 scale. |
|----|--------------------------------------------------------------------|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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Development :

| Sl.No. | Item                                                           | Propasals                                         | Actual work                                                                       | Remarks                       |
|--------|----------------------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------|
| 2a     | Location of development w.r.t.lease area                       | To develop the mine in A-A' , B-B' & C-C' section | Working is being carried out within B-B' & C-C' section within the proposed area. |                               |
| 2b     | Separate benches in topsoil, overburden and minerals (Rule 15) | Only Mineral Benches                              | Only Mineral benches as the workings are within the pit.                          |                               |
| 2c     | Stripping ratio or ore to OB ratio                             | NIL                                               | NIL                                                                               | Total ROM is being dispatched |
| 2d     | Quantity of topsoil generation in m3                           | No proposal                                       | NIL                                                                               |                               |
| 2e     | Quantity of overburden generation in m3                        | No proposal                                       | NIL                                                                               |                               |

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|----|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-------------------------------|
| 3g | Grade of sub grade mineral generation                                                                | No t Applicable                                                                   | No t Applicable                                                                 |                               |
| 3h | Manual / Mechanised method adopted for segregating from ROM                                          | No seggregation is proposed                                                       | NIL                                                                             | Total ROM is being dispatched |
| 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 drilling and Blasting was proposed as the ore is soft and powdery in nature    | NIL                                                                             |                               |
| 3k | Provision of mining machineries in mineral benches                                                   | Yes, 1 Excavator-0.9 cu.m, 2 Tippers of 10 tonne capacity                         | 1 Excavator-0.9 cu.m, 2 Tippers of 10 tonne capacity                            |                               |
| 3l | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | Yes, 3m bench ht and width is more than height in Mineral. There is no overburden | There is no overburden. In Mineral, 3m bench ht and width is more than height . |                               |
| 3m | Total area covered under excavation/pits                                                             | 2.12 ha                                                                           | 2.125 ha                                                                        |                               |
| 3n | Ore to OB ratio for the pit/mine during the year.                                                    | NIL                                                                               | NIL                                                                             |                               |
| 3o | Total area put in use under different heads at the end of year                                       | Area covered under Mining-2.12 ha, Green belt---0.4 ha                            | Area covered under Mining-2.125 ha, Green belt---0.4 ha                         |                               |

|    |                                                                          |                                                                                      |                                                                                     |                                                                                                                                                                      |
|----|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3p | Production of ROM mineral during the last five year period as applicable | 2016-17--12692 T,2017-18--15276 T,2018-19--30590 T,2019-20--33921 T,2020-21--30000 T | 2016-17--4000 T,2017-18--15215 T,2018-19--30200 T,2019-20--34850 T,2020-21--15000 T |                                                                                                                                                                      |
| 3q | General remarks of inspecting officers on method of mining etc.          | _____                                                                                | _____                                                                               | Mining operations are being carried out within the approved proposals by maintaining 2 benches of 3 to 3.5 m height and width more than height by mechanised method. |

#### Solid Waste Management - Dumping:

| Sl.No. | Item                                                             | Propasals                              | Actual work | Remarks                                                                                               |
|--------|------------------------------------------------------------------|----------------------------------------|-------------|-------------------------------------------------------------------------------------------------------|
| 4a     | Separate dumping of topsoil, OB and mineral rejects (Rule 32,33) | Proposed top soil stack                | NIL         | Top soil is utilised for plantation and stacked at BP No.3 in North Side in 7.5m Safety barrier zone. |
| 4b     | Location of topsoil, OB and mineral reject dumps                 | Along 7.5 m safety zone of the ML area | NIL         | No top soil was generated during the year 2020-21                                                     |
| 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.                                | NIL                                    | NIL         |                                                                                                       |
| 4f     | Number of dead dumps.                                            | NIL                                    | NIL         |                                                                                                       |
| 4g     | Number of dumps established.                                     | NIL                                    | NIL         |                                                                                                       |

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|----|--------------------------------------------------------------------|----------------|----------------|--------------------------------------------------------------------------------------------------------------|
| 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          | Not applicable | Not applicable |                                                                                                              |
| 4j | Number of settling ponds                                           | No proposal    | NIL            |                                                                                                              |
| 4k | Specific comments of inspecting officer on waste dump management   | _____          | _____          | No waste and top soil is being generated, hence there is no waste dump and top soil dump and its management. |

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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 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         |         |

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|----|----------------------------------------------------------------------------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5e | General remarks of inspecting officers on backfilling and reclamation etc. |  |  | No back filling was done during the plan period. However, prior to the starting of plan period, the area near boundary pillar No.3 was back filled in the 7.5m safety zone. |
|----|----------------------------------------------------------------------------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 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).                               | Annau report on PMCP is to be submitted. | Annau report on PMCP was submitted and the information has been cross verified during the inspection. | No major deviation has been found. |
| 6b     | Area available for rehabilitation (ha) .                                                                   | No proposal                              | NIL                                                                                                   |                                    |
| 6c     | afforestation done (ha).                                                                                   | No proposal                              | NIL                                                                                                   |                                    |
| 6d     | No. of saplings planted during the year                                                                    | 100 saplings                             | 50 saplings                                                                                           |                                    |
| 6e     | Cumulative no .of plants                                                                                   | 100                                      | 50                                                                                                    |                                    |
| 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 ( Lx 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 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                                 | 100 saplings | 50 saplings |
| 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)                                | Regular quarterly monitoring is to be done in core and buffer zone | Regular quarterly monitoring is being done in core and buffer zone | All the parameters are within the prescribed limit.                                                |
| 6q | General remarks of inspecting officers on PMCP compliance and progressive closure operations etc. | _____                                                              | _____                                                              | Plantation done in 0.2 ha area and regular monitoring of Air, water and Noise is being carried out |

#### Mineral Conservation:

| Sl.No. | Item                                                                                   | Propasals                         | Actual work                                  | Remarks                                                                                         |
|--------|----------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------|-------------------------------------------------------------------------------------------------|
| 7a     | ROM Mineral dispatch or grade-wise sorting within lease area                           | No grade wise sorting is proposed | Total ROM is being dispatched from the mine. |                                                                                                 |
| 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 | _____                             | _____                                        | Entire ROM produced is being dispatched. No beneficiation is required for this type of deposit. |

#### Environment:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|------|-----------|-------------|---------|
|--------|------|-----------|-------------|---------|

|    |                                                                                                             |                                                         |                                                                             |                                                           |
|----|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------|
| 8a | Separate removal and utilization of topsoil (Rule 32)                                                       | proposed to remove top soil and utilise for plantation. | No top soil is generated.                                                   |                                                           |
| 8b | Concurrent use or storage of topsoil                                                                        | proposed to use for plantation                          | 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)                    | 100 saplings were proposed to plant                     | 50 saplings were planted due to non availability of the area for plantation |                                                           |
| 8g | Survival rate                                                                                               | 100%                                                    | 50% due to no rainfall                                                      |                                                           |
| 8h | Water sprinkling on roads to control airborne dust                                                          | Proposed water sprinkling on haul roads                 | Water sprinkling is being carried out to control the dust on haul roads     |                                                           |
| 8i | General remarks of inspecting officer on aesthetic beauty in and around mines area                          | _____                                                   | _____                                                                       | Plantation is being done to improve the aesthetic beauty. |

## Compliance of Rule 45:

| Sl.No. | Item                                                                                          | Propasals                                                          | Actual work                                                        | Remarks                                                                                                      |
|--------|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| 9a     | Status of submission of Monthly and Annual returns                                            | MR submitted up to October,2021 and AR submitted up to F.Y 2020-21 | MR submitted up to October,2021 and AR submitted up to F.Y 2020-21 | NIL                                                                                                          |
| 9b     | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager           | Manager-- Sri.Suresh, Mining Engineer--NIL, Geologist--NIL         | Manager--Sri.Suresh, Mining Engineer--NIL, Geologist--NIL          | Violation of Rule 55(1)(C) was pointed out to the lessee for appointment of Mining Engineer and a Geologist. |
| 9c     | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | Area under pit-2.12 ha, Reclaimed area--0.058 ha                   | Area under pit-2.125 ha, Reclaimed area--0.058 ha                  |                                                                                                              |
| 9d     | Scrutiny of Annual return on afforestation                                                    | 150 saplings                                                       | 50 saplings                                                        | Due to non availability of the area, the lessee couldn't plant the saplings as proposed                      |
| 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                                      | NIL                                                                | NIL                                                                | Total ROM is being dispatched.                                                                               |
| 9g     | Scrutiny of Annual return on sale value, Ex. Mine price and production cost                   | Sale Value- Rs.300/-, Ex.M.P--Rs. 300/- CoP- Rs.180/-              | Sale Value- Rs.300/-, Ex.M.P--Rs. 300/- CoP- Rs.180/-              |                                                                                                              |
| 9h     | Scrutiny of Annual return on fixed assets                                                     | Rs.15,08,000/-                                                     | Rs.15,08,000/-                                                     |                                                                                                              |
| 9k     | Scrutiny of Annual return on mining machineries                                               | 1 Excavator-- 0.9 Cu.m, Tippers of 10 t capacity--2                | 1 Excavator-- 0.9 Cu.m, Tippers of 10 capacity--2                  |                                                                                                              |

**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)    | 25-NOV-21     |                     |           |               |
| MCDR17             | Rule 45(7)(a) | 25-NOV-21     |                     |           |               |
| MCDR17             | Rule 55(1)(3) | 25-NOV-21     |                     |           |               |

**Date :**

**(Ch.Suseela)**

Indian Bureau of Mines