

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

**Review and updation of Mining Plan REPORT**

**Hyderabad regional office**

**Mine file No :** AP/KNL/LST-143/HYD

**Mine code :** 38APR11072

- (i) Name of the Inspecting : **PR09** ) **M.Pratap.Reddy**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : VAMSHI REPRESENTATIVE  
Official with  
Designation
- (iv) Date of Inspection : 28/09/2017
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **YERRAGUDI**
- (b) **Registration NO.** : **IBM/460/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : ANDHRA PRADESH
- District : KURNOOL
- Village : ERRAGUDI
- Taluka : BANAGANAPALLE
- Post office : BANAGANAPALLE
- Pin Code : 518124
- FAX No. :
- E-mail : 888vamshikrishna@gmail.com
- Phone : 9494609888
- (f) Police Station : BANGANAPALLI
- (g) First opening date : 30/10/2000
- (h) Weekly day of rest : SUN
2. Address for : SMT.N.SAKUNTALAVANI, H.NO.2-9-14,  
correspondance MINE OWNER,NEAR OLD BUS STAND  
BANGANAPALLI,KURNOOL DISTRICT
3. (a) Lease Number : APR1254
- (b) Lease area : 11.78
- (c) Period of lease : 20
- (d) Date of Expiry : 11/05/1985
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : N.SAKUNTALA VANI  
W/O N.DAKSHINAMURTHY NEAR  
OLD BUS STAND BANAGANAPALLI  
KURNOOL ANDHRA PRADESH  
Phone:  
FAX :

Owner : N.SAKHUNTALAVANI  
BANGANAPALLI OLD BUS STAND  
ROAD KURNOOL ANDHRA  
PRADESH  
Phone:  
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 16/08/2000  
Plan/Scheme of Mining

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No valid proposals exists	However, the lessee has dug 8 Trial pits to a depth range of 3-5m	
1b	Exploration over lease area for geological axis 1 or 2	No valid proposals exists	However, the lessee had carried out G1 Scale of exploration.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No valid proposals exists	The lessee had carried out exploration under the supervision Mines Manager. The expense incurred is Rs.45,000/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No valid proposals exists	The entire ML area has been explored to a level of G1 scale exploration.	
1e	Balance reserve as on 01/04/20	-	The Reserve of Limestone as on 1.4.2017 is 77,956 T	
1f	General remarks of inspecting officers on geology, exploration etc	Simple altered sedimentary Limestone deposit	It is a simple sedimentary Limestone deposit. The total lease extent has been explored to G1 scale of exploration.	The approved proposals have been lapsed on 1.4.2005. There is a lapsed period approved proposals from 1.4.2005 to 31.3.2017. The approved mining proposals came into effective from 16.10.2017. Mining operations were intermitently discontinued due to ill health of the lessee and poor marketing conditions.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No valid proposals exists.	N1703052-N1703112 and E194637-E194718	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No valid proposals exists for the year 2016-17	However, the lessee developed separate sub bench of topsoil of a 0.5m height.	
2c	Stripping ratio or ore to OB ratio	No valid proposals exists for the 2016-17	There were no mining operations in the year 2016-17	
2d	Quantity of topsoil generation in m3	No valid proposals exists	Nil	No mining operation could take place in the year 2016-17.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No valid proposals exists	-	The mine has been well developed by forming suitable benches in top soil(0.5m) and in Limestone (1.5m)

#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No valid proposals exists	There exists single pit	
3b	Quantity of ROM mineral production proposed	No valid proposals exists for the Year 2016-17	Nil	The mine was under nonoperation.
3c	Recovery of sailable/usable mineral from ROM production	No valid proposals exists for the Year 2016-17	-	However, there is no recovery loss.
3d	Quantity of mineral reject generation	No valid proposals exists for the Year 2016-17	nil	
3e	Grade of mineral rejects generation and threshold value declared.	No valid proposals exists for the Year 2016-17	nil	
3f	Quantity of sub grade mineral generation.	No valid proposals exists for the Year 2016-17	nil	
3g	Grade of sub grade mineral generation	No valid proposals exists for the Year 2016-17	-	No subgrade generation.

3h	Manual / Mechanised method adopted for segregating from ROM	No valid proposals exists for the Year 2016-17	None	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No valid proposals exists for the Year 2016-17	None	
3j	Provision of drilling and blasting in mineral benches	No valid proposals exists for the Year 2016-17	-	Manual mining operations have been carried out.
3k	Provision of mining machineries in mineral benches	No valid proposals exists for the Year 2016-17	None	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	-	It is a manual mine. All the operations are being carried out as envisaged in the approved docuemnt.
3m	Total area covered under excavation/pits	No valid proposals exists for the Year 2016-17	-	The excavated area accounts to an extent of 0.12 ha
3n	Ore to OB ratio for the pit/mine during the year.	No valid proposals exists for the Year 2016-17	-	
3o	Total area put in use under different heads at the end of year	No valid proposals exists for the Year 2016-17	The total area put is 0.9 ha	
3p	Production of ROM mineral during the last five year period as applicable	There is approved valid production for the years 2012-2013 to 2016-17	2012-13=455 T and 2013- 14 to 2016-17 is nil production.	
3q	General remarks of inspecting officers on method of mining etc.	Opencast manual method of mining.	-	In the past the mining operations were carried by opencast manual method of mining.

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No valid proposals exists for the Year 2016-17	The top soil is being concurrently used for afforestation.	
4b	Location of topsoil, OB and mineral reject dumps	No valid proposals exists for the Year 2016-17	-	There is no generation of OB and mineral reject.
4c	Number of dumps within lease area and outside of lease area	No valid proposals exists for the Year 2016-17	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No valid proposals exists for the Year 2016-17	-	There exists no dump.
4e	Number of active and alive dumps.	No valid proposals exists for the Year 2016-17	Nil	
4f	Number of dead dumps.	No valid proposals exists for the Year 2016-17	Nil	
4g	Number of dumps established.	No valid proposals exists for the Year 2016-17	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No valid proposals exists for the Year 2016-17	Nil	
4i	Length of Retaining wall or garland drain all along dumps	No valid proposals exists for the Year 2016-17	Nil	
4j	Number of settling ponds	No valid proposals exists for the Year 2016-17	Nil	
4k	Specific comments of inspecting officer on waste dump management	No valid proposals exists for the Year 2016-17	There is no generation of waste material and the waste dump management does not arise.	

#### Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No valid proposals exists for the Year 2016-17	-	The mineral is yet to exhaust at depth and backfilling at this stage does not arise.
5b	Area under backfilling of mined out area	No valid proposals exists for the Year 2016-17	None	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No valid proposals exists for the Year 2016-17	-	As said elsewhere, the top soil is concurrently used for afforestation in buffer zone.
5d	Total area fully reclaimed and rehabilitated	No valid proposals exists for the Year 2016-17	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No valid proposals exists for the Year 2016-17	-	The ML area is yet to mature for backfilling and 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).	No valid proposals exists for the Year 2016-17	-	
6b	Area available for rehabilitation (ha) .	No valid proposals exists for the Year 2016-17	Nil	
6c	afforestation done (ha).	No valid proposals exists for the Year 2016-17	No	
6d	No. of saplings planted during the year	No valid proposals exists for the Year 2016-17	Nil	
6e	Cumulative no .of plants	No valid proposals exists.	25 saplings	

6f	Any other method of rehabilitation	No valid proposals exists for the Year 2016-17	None	
6g	Cost incurred on watch and care during the year	No valid proposals exists for the Year 2016-17	-	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No valid proposals exists for the Year 2016-17	Does not arise.	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No valid proposals exists for the Year 2016-17	Does not arise since the area is yet to mature.	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No valid proposals exists for the Year 2016-17	-	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No valid proposals exists for the Year 2016-17	-	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No valid proposals exists for the Year 2016-17	None	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No valid proposals exists for the Year 2016-17	None	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No valid proposals exists for the Year 2016-17	None	There is no waste land with in the ML area.



6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No valid proposals exists for the Year 2016-17	Does not arise.	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No valid proposals exists for the Year 2016-17	-	The mine was under non operation.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No valid proposals exists for the Year 2016-17	However, the ML area is not yet matured for carrying out Progressive closure operations.	

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No valid proposals exists for the Year 2016-17	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No valid proposals exists for the Year 2016-17	None.	
7c	Different grade of mineral sorted out at mines.	No valid proposals exists for the Year 2016-17	None.	
7d	Any beneficiation process at mines .	No valid proposals exists for the Year 2016-17	None.	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No valid proposals exists for the Year 2016-17	However, there is no mineral loss either during the mining operation or with respect to grade loss.	

#### Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No valid proposals exists for the Year 2016-17	However, the topsoil is concurrently used for afforestation purpose.
8b	Concurrent use or storage of topsoil	No valid proposals exists for the Year 2016-17	Concurrent use.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No valid proposals exists for the Year 2016-17	However, There is no generation of waste or mineral rejects in the instant case.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No valid proposals exists for the Year 2016-17	Does not arise.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No valid proposals exists for the Year 2016-17	Does not arise.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No valid proposals exists for the Year 2016-17	A total of 25 plants exists.
8g	Survival rate	No valid proposals exists for the Year 2016-17	60%
8h	Water sprinkling on roads to control airborne dust	No valid proposals exists for the Year 2016-17	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No valid proposals exists for the Year 2016-17	The afforestation done in the buffer zone adds aesthetic beauty to in and around the ML area.

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Compliance of Rule 45:

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Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR shall be submitted before 10th of every month in respect of preceding month. AR which shall be submitted before 1st July each year for the preceding Financial Year.	Submitted.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	To be furnished.	Furnished.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	To be furnished.	Furnished.	
9d	Scrutiny of Annual return on afforestation	To be furnished.	Furnished to be nil.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	To be furnished.	Furnished to be nil.	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	To be furnished.	Nil.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	To be furnished.	Since there is nil production, the sale value furnished to be nil.	
9k	Scrutiny of Annual return on mining machineries	To be furnished.	It is a manual mine of tiny nature.	

**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 :

(M.Pratap.Reddy)

Indian Bureau of Mines