

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

**Mining Plan Modification REPORT**

**Hyderabad regional office**

**Mine file No :** AP/KNL/CA-1/HYD

**Mine code :** 09APR11004

- (i) Name of the Inspecting : C\$10 ) Ch.Suseela  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : SRI N.VAMSI KRISHNA, SON OF LESSEE  
Official with  
Designation
- (iv) Date of Inspection : 09/08/2018
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **USHB MINE**
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : KURNOOL
- Village : ERRAGUDI
- Taluka : DHONE
- Post office :
- Pin Code :
- FAX No. : Nil
- E-mail : None
- Phone : MOB:9440281351
- (f) **Police Station** : Banaganapalli
- (g) **First opening date** : 17/12/1998
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : N.DAKSHINA MURTHY, MINE OWNER,  
Near old bus Stand, PO:Banaganapalli,  
Dist. Kurnool, A.P. PIN:-518124
3. (a) **Lease Number** : APR1467
- (b) **Lease area** : 20.64
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 23/11/2018
4. **Mineral worked** : LIMESTONE Associated  
CALCITE Main

## 5. Name and Address of the

Lessee : N. DAKSHINA MURTHY  
NEAR OLD BUS STAND MANDAL  
BANAGANAPALLI DIST KURNOOL.  
KURNOOL ANDHRA PRADESH  
Phone:08515 - 27007.  
FAX :

Owner : N. DAKSHINA MURTHY.  
NEAR OLD BUS STAND, MANDAL  
BANAGANAPALLI, DISTRICT  
KURNOOL. KURNOOL ANDHRA  
PRADESH  
Phone: 08515 - 27007  
FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	20/05/1998
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	17/10/2013

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	8 Core bore holes	NIL	Mine is not in operation for want of EC during the last approved plan period.
1b	Exploration over lease area for geological axis 1 or 2	Not specific	G1-5.26 ha, G2-2.96 ha, G3-12.42 ha	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not specific	Rs.16,00,000/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	_____	12.42 ha	
1e	Balance reserve as on 01/04/20	Limestone - 1286474 Flaggy Limestone - 139430 Limestone - 139430 Calcite - 18020	Limestone - 1286474 Flaggy Limestone - 139430 Calcite - 18020	Calcite occurring as vein type & bedded at contact zones and limestone is occurring as dark gray, light gray with 6° dipping to NNE. No exploration carried out as the mine is not in operation during the last plan period for want of EC.
1f	General remarks of inspecting officers on geology, exploration etc			

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	E195027 - E195437 N 1702307 - N1702471	NIL	Mine is not in operation for want of EC during the last approved plan period.

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	NIL	Mine is not in operation for want of EC during the last approved plan period.
2c	Stripping ratio or ore to OB ratio	1:0.04	NIL	
2d	Quantity of topsoil generation in m3	NIL	NIL	
2e	Quantity of overburden generation in m3	NIL	NIL	No overburden. Limestone exposed to surface.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	_____	_____	Mine is not in operation for want of EC during the last approved plan period. Hence no development work was carried out during the last plan period. However, 1210 tonnes of Limestone is retrieved from the old dumps during the year 2013-14 and 2014-15.

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**Exploitation:**

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	232760 tonnes	NIL	
3c	Recovery of sailable/usable mineral from ROM production	95%	NIL	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	Not Applicable	Not Applicable	

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3f	Quantity of sub grade mineral generation.	NIL	NIL	
3g	Grade of sub grade mineral generation	Not Applicable	Not Applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NIL	NIL	
3j	Provision of drilling and blasting in mineral benches	Jack Hammer drilling & blasting	NIL	
3k	Provision of mining machineries in mineral benches	Yes, Excavator, Tippers etc.	NIL	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, 3m ht	Yes, 3m ht	
3m	Total area covered under excavation/pits	0.85 ha	0.85ha	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.04	NIL	
3o	Total area put in use under different heads at the end of year	7.092 ha	1.3 ha	Mine is not in operation for want of EC during the last approved plan period. Hence no development work was carried out during the last plan period.

3p	Production of ROM mineral during the last five year period as applicable	2013-14-1,00,758 t, 2014-15-176188 t, 2015-16-202656t, 2016-17-250000 t, 2017-18-232760 t	2013-14-650 t, 2014-15-560 t, 2015-16-NIL, 2016-17-NIL, 2017-18-NIL	
3q	General remarks of inspecting officers on method of mining etc.	_____	_____	Mine is not in operation for want of EC during the last approved plan period. Hence no development work was carried out during the last plan period. However, 1210 tonnes of Limestone is retrieved from the old dumps during the year 2013-14 and 2014-15.

## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes, waste dumps	NIL	
4b	Location of topsoil, OB and mineral reject dumps	E 195617 to 195684 N 1702154 to 1702209	NIL	There are five old dumps in western side of the lease area over an extent of 033 ha
4c	Number of dumps within lease area and outside of lease area	Five old dumps in western side of ML one active dump in eastern side of ML	Five old dumps in western side of ML	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Within UPL	Within UPL	Dumps will be rehandled in the next plan period
4e	Number of active and alive dumps.	5 -inactive 1 -active	5 -inactive	
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.	RW:- 232m x 1.0m x 1.0m GD :- 232m x 1.0m x 1.0m	NIL	
4i	Length of Retaining wall or garland drain all along dumps	232 M	NIL	
4j	Number of settling ponds	NIL	NIL	
4k	Specific comments of inspecting officer on waste dump management	_____	_____	There are five old dumps within the lease area. No mining activity was there during the last plan period due to want of EC

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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.	NIL	NIL	
5b	Area under backfilling of mined out area	NIL	NIL	
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	NIL	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	_____	_____	No mining activity was there during the last plan period due to want of EC.

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Progressive Mine Clousre Plan:

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Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes, to be submitted	NIL	No mining activity was there during the last plan period due to want of EC.
6b	Area available for rehabilitation (ha) .	NIL	NIL	
6c	afforestation done (ha).	NIL	NIL	
6d	No. of saplings planted during the year	NIL	NIL	
6e	Cumulative no .of plants	NIL	NIL	
6f	Any other method of rehabilitation	NIL	NIL	
6g	Cost incurred on watch and care during the year	NIL	NIL	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	NIL	NIL	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NIL	NIL	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	NIL	NIL	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NIL	



6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NIL	NIL	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Safety zone 0.40 Ha. with 800 saplings Dump : 2.022 Ha. With 4044 saplings	NIL	
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	NIL	NIL	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Yes	NIL	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	_____	_____	No mining activity was there during the last plan period due to want of EC.

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#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Manual sorting for Calcite	NIL	No mining activity was there during the last plan period due to want of EC.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	NIL	

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7c	Different grade of mineral sorted out at mines.	NIL	NIL	
7d	Any beneficiation process at mines	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	_____	_____	No mining activity was there during the last plan period due to want of EC.

## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NIL	NIL	There is no top soil in the mining lease area.
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes, waste dump	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NIL	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	NIL	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	800	NIL	No mining activity was there during the last plan period due to want of EC.
8g	Survival rate	NIL	NIL	
8h	Water sprinkling on roads to control airborne dust	NIL	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	_____	_____	_____

#### Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Online Monthly and Annual Returns submitted	Online Monthly and Annual Returns submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No Mining Engineer, Geologist and Manager	No Mining Engineer, Geologist and Manager	Mine is not under operation for want of EC, will be appointed at the time of resumption of mining operations.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under Pits-0, Reclaimed area-0, Dumps-0	Area under Pits-0.85 ha, Reclaimed area-0, Dumps-0.33 ha	
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	NIL	NIL	No mining activity was there during the last plan period due to want of EC.

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale Value- Rs.180/-, Ex. Mine Price-0, COP-0	Sale Value- Rs.180/-, Ex. Mine Price-0, COP-0	No mining activity was there during the last plan period due to want of EC.
9h	Scrutiny of Annual return on fixed assets	0	0	
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 couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on

**Date :**

(Ch.Suseela)

Indian Bureau of Mines