

**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-112/HYD

**Mine code :** 38APR11013

- (i) Name of the Inspecting : **C\$10** ) **Ch.Suseela**  
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : SRI C V Ramanaiah, DGM & Sri Nagaraju, AGM  
Official with  
Designation
- (iv) Date of Inspection : 20/08/2022
- (v) Prev.inspection date : 28/09/2017

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **KANDIKAYAPALLI (43.72 AC)**
- (b) **Registration NO.** : **IBM/607/2011**
- (c) **Category** : **A Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **ANDHRA PRADESH**
- District : **KURNOOL**
- Village : **KANDIKAYAPALLI**
- Taluka : **NANDYAL**
- Post office : **CEMENT NAGAR**
- Pin Code : **518206**
- FAX No. : **(08516)274644**
- E-mail : **Panyamcement@Gmail.com**
- Phone : **(08516)274644, (08514)-2:**
- (f) **Police Station** : **PANYAM**
- (g) **First opening date** : **06/11/1985**
- (h) **Weekly day of rest** : **SUN**
2. **Address for** : **Panyam Cements & Mineral Industries Ltd.,**  
**correspondance**
- Betamcherla-Mandal, NANDYAL DISTRICT**
3. (a) **Lease Number** : **APR1478**
- (b) **Lease area** : **17.69**
- (c) **Period of lease** : **20**
- (d) **Date of Expiry** : **04/11/2005**
4. **Mineral worked** : **LIMESTONE** **Main**

## 5. Name and Address of the

Lessee : M/S PANYAM MINERALS & INDUSTRIES LTD  
 KURNOOL ANDHRA PRADESH  
 Phone:  
 FAX :

Owner : Sri. Palani Tangavel  
 3,61, Mettu Street,  
 Ladavaram, VELLORE  
 TAMILNADU VELLORE TAMIL  
 NADU  
 Phone: 9361710814  
 FAX :

Agent : Sri G. Sudhakar Reddy  
 Cement Nagar Village &  
 Post, Betamcherla Mandal  
 Nandyal District KURNOOL  
 ANDHRA PRADESH  
 Phone: 9440941028  
 FAX :

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	17/01/2001
Plan/Scheme of Mining	:	Renewal under rule 24 MCR1960	30/07/2008

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No Proposal	NIL	
1b	Exploration over lease area for geological axis 1 or 2	No proposal	10.21 ha	
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	7.48 ha	
1e	Balance reserve as on 01/04/20	No Proposal	5.006 Million Tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	_____	_____	The ML area forms a part of Cuddapah basin comprising proterozoic rocks of Cuddapah Super group. Rocks of supergroup are overlain by Kurnool group of rocks. No exploration has been carried out in the lease area so far. About 9.83 ha area was covered under pits. The mine is not working as the mining operations were suspended on 31.1.2018. There is no a valid document after 2013.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal	N1715320-N1715118 E204497- E204885	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal	There is no top soil. Separate OB and Mineral benches are maintained.
2c	Stripping ratio or ore to OB ratio	No proposal	NIL
2d	Quantity of topsoil generation in m3	No proposal	NIL
2e	Quantity of overburden generation in m3	No proposal	NIL
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	_____	_____
			The mine is not working as the mining operations were suspended on 31.1.2018. The benches are aligned in a general E-W direction and move up the Hill from North to South. There is no a valid document after 2013.

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#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No Proposal	one pit	
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	8 m bench is maintained in OB and mineral
3m	Total area covered under excavation/pits	No proposal	9.83 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	14.63 ha
3p	Production of ROM mineral during the last five year period as applicable	2017-18--- NIL, 2018-19-- -NIL, 2019-20- --NIL , 2020- 21-- NIL, 2021-22--NIL	2017-18--- 146797 T, 2018-19--83820 T, 2019- 20---NIL , 2020-21-- NIL, 2021-22--NIL

3q	General remarks of inspecting officers on method of mining etc.	_____	_____	The mining operations will be carried out by open cast mechanised method using heavy Earth moving machinery. The mine is not working as the mining operations were suspended on 31.1.2018. There is no a valid document after 2013.
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## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal	There is no top soil. One OB dump and 3 sub grade dumps are lying in the North side of ML.	
4b	Location of topsoil, OB and mineral reject dumps	No Proposal	North side of ML	
4c	Number of dumps within lease area and outside of lease area	No proposal	One OB dump and 3 sub grade dumps are within the lease area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposal	Beyond UPL	
4e	Number of active and alive dumps.	No proposal	One OB dump and 3 sub grade dumps	
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	_____	_____	No protective measures have been taken by the lessee for the waste dump. Lessee was advised to construct retaining wall and garland drain around the waste dump. The mine is not working as the mining operations were suspended on 31.1.2018. There is no a valid document after 2013.

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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	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	_____	_____	The pit is not matured for reclamation. The mine is not working as the mining operations were suspended on 31.1.2018. There is no a valid document after 2013.

## 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	The mine is not working as the mining operations were suspended on 31.1.2018.
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 ( 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)Afforestati 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	NIL	
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 is not working as the mining operations were suspended on 31.1.2018. There is no a valid document after 2013.

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**Mineral Conservation:**

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	NIL	

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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	_____	_____	The mine is not working as the mining operations were suspended on 31.1.2018. There is no a valid document after 2013.

## 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	Yes, separate dumps for OB and sub grade mineral	
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	_____	_____	The ML area constitutes two hillocks with a valley in between with an undulating topography. There is a reserve forest on the western, southern, south eastern and North western sides of ML area which contributes the aesthetic beauty.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly returns submitted up to MAR-2020 Annual returns submitted up to 2018-2019	Monthly returns submitted up to MAR-2020 Annual returns submitted up to 2018-2019	The mine is not working as the mining operations were suspended on 31.1.2018.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Sri G. Sudhakar Reddy, Agent, Sri C. Venkataramanai ah, DGM-Mines, Sri. K.Ngaraja Rao, AGM-Geology	Found to be correct.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual Return for the year 2021-22 has not been submitted	Annual Return for the year 2021-22 has not been submitted	The mine is not working as the mining operations were suspended on 31.1.2018.
9d	Scrutiny of Annual return on afforestation	Annual Return for the year 2021-22 has not been submitted	Annual Return for the year 2021-22 has not been submitted	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual Return for the year 2021-22 has not been submitted	Annual Return for the year 2021-22 has not been submitted	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual Return for the year 2021-22 has not been submitted	Annual Return for the year 2021-22 has not been submitted	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Annual Return for the year 2021-22 has not been submitted	Annual Return for the year 2021-22 has not been submitted	
9h	Scrutiny of Annual return on fixed assets	Annual Return for the year 2021-22 has not been submitted	Annual Return for the year 2021-22 has not been submitted	
9k	Scrutiny of Annual return on mining machineries	Annual Return for the year 2021-22 has not been submitted	Annual Return for the year 2021-22 has not been submitted	

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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