

INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION

Mining Plan Modification REPORT-

Hyderabad regional office

Mine file No : AP/NLR/MC-372

Mine code : 41APR15165

- (i) Name of the Inspecting : 25) SHRI IBRAHIM SARIF
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Dr. Thallapalli Brahmaiah, QP, Sri Teja, Lessee Repre
Official with
Designation
- (iv) Date of Inspection : 19-SEP-21
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) Mine Name : PERUMALLAPADU(12.141 HA)
- (b) Registration NO. : IBM/9716/2012
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : NELLORE
Village : PERUMALLAPADU
Taluka : SYDAPURAM
Post office : SYDAPURAM
Pin Code : 524407
FAX No. :
E-mail : mvr111.machineni@gmailcom
Phone : 9885444363
- (f) Police Station : SYDAPURAM
- (g) First opening date : 02-SEP-10
- (h) Weekly day of rest : SUN
2. Address for : M/S NAGENDRA MINES AND MINERALS
correspondance NO. 1/940,BUNGLOW THOTA,NAWABPET, NELLORE-524002
3. (a) Lease Number :
(b) Lease area : 12.14 Ha.
(c) Period of lease : 50 years.
(d) Date of Expiry : 03.06.2027 .
4. Mineral worked : MICA Main
VERMICULITE Associated
QUARTZ Associated

5. Name and Address of the

Lessee : NAGENDRA MINES&MINERALS
NAGENDRA MINES&MINERALS
NELLORE ANDHRA PRADESH
Phone:
FAX :

Owner : NAGENDRA MINES&MINERALS
NAGENDRA MINES&MINERALS
NELLORE ANDHRA PRADESH
Phone:
FAX :

6. Date of approval of Mining : Renewal under rule 22 MCR1960 19-SEP-03
Plan/Scheme of Mining Mining Scheme rule 12 MCDR1988 03-AUG-10

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposals	Nil during the year 2020-21	
1b	Exploration over lease area for geological axis 1 or 2	No proposal for the F.Y 2020-21	Nil	Exploration was carried out earlier by 3 no. of trial pits
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal for the F.Y 2020-21	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal for the F.Y 2020-21	No exploration carried out during the year	
1e	Balance reserve as on 01/04/20	-	Mineable Reserves: Quartz : 1,28,324 Tonnes Feldspar : 10,694 Tonnes mica : 2138 Tonnes Vermiculite : 20 Tonnes	As per earlier approved document
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	No proposal for the F.Y 2020-21	Nil	Mine is not in operation due to want of Forest clearance. No development and production activities were carried out.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal for the F.Y 2020-21	No Mining activity	

2c	Stripping ratio or ore to OB ratio	No proposal for the F.Y 2020-21	Nil	
2d	Quantity of topsoil generation in m3	No proposal	Nil	
2e	Quantity of overburden generation in m3	No proposal for the F.Y 2020-21	Nil	3 old waste dumps were observed on Southern side of lease area
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		State Government of Andhra Pradesh vide its G.O Ms no.103 dated 24.07.2017 has extend the mining lease period up to 03.06.2027 as per section 8 A (3) of MMDR Act 1957 ammended in 2015 saubject to DGPS survey, MRCC, Production of Scheme of Mining and terms and conditions of lease. Subsequently ADMG, Nellore, Government of A.P in its proceedings no. 615/M/1977 dated 08.10.2020 extend the mining lease up to 03.06.2027 with the same condition as per the said GO.	Further State Government declared Smt. Shaikh Jubeeda Begaum as the successor lessee and is Propriator of M/s Nagendra Mines and Minerals. Now the firm, M/s Nagendra Mines and Minerals, has now changed to Propriatorship from Partnership firm. 5 Pits, 13 sub grade dumps, 12 Quartz Stacks and 3 waste dumps are observed in the lease area. No frsh mining activity is observed as mine is reported to be not working since 2011 for want of Forest Clearance.

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
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3a	Number of pit proposed for production	No proposal for the F.Y 2020-21	Nil	5 Pits and 9 Trial pits were developed in the lease area so far. Mining operations are reported not carried out since 2011 for want of Forest and Environment Clearances.
3b	Quantity of ROM mineral production proposed	No proposal for the F.Y 2020-21	Nil	
3c	Recovery of sailable/usable mineral from ROM production	No proposal for the F.Y 2020-21	Nil	
3d	Quantity of mineral reject generation	No proposal for the F.Y 2020-21	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	No proposal	Not applicable	
3f	Quantity of sub grade mineral generation.	No proposal	Nil	13 Sub grade dumps are observed in the lease area, the quantity and quality to be ascertained.
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal of any segregation	Nil during the year	Earlier manual method was reported to have been adopted for segregation of Minerals.
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 for the F.Y 2020-21	Nil	
3k	Provision of mining machineries in mineral benches	No proposal for the F.Y 2020-21	Nil	As per earlier approved document method of mining is by manual means
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal for the F.Y 2020-21	Nil	
3m	Total area covered under excavation/pits	No proposal for the F.Y 2020-21	Nil	About 1.0 Ha area is covered under pit
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 for the F.Y 2020-21	about 2.5 Ha area is put to use for mining and allied activities	
3p	Production of ROM mineral during the last five year period as applicable	2016-17 - No proposal 2017-18 - -do- 2018-19 - - do- 2019-20 - - do- 2020-21 : - do-	2016-17 - Nil 2017-18 - Nil 2018-19 - Nil 2019-20 - Nil 2020-21 : Nil	
3q	General remarks of inspecting officers on method of mining etc.			Mining operations are not being carried out due to want of Statutory clearance i.e. Forest and Environment Clearance. Mining operations were carried out so far by developing 5 Pits by Manual method.

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 for the F.Y 2020-21	Nil during the year	Seperate waste dump sub grade dumps are found i the lease area. 3 waste dumps, 13 sub grade dumps. Quality and Quantity of the subgrade dumps to be assessed.
4b	Location of topsoil, OB and mineral reject dumps	No proposal for the F.Y 2020-21	Nil during the year	Waste dumps and Mineral reject dumps are located adjacent to pits
4c	Number of dumps within lease area and outside of lease area	No proposal for the F.Y 2020-21	Nil	3 waste dumps are developed in the lease area
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal for the F.Y 2020-21	Nil	Existing dumps ar found on Southern side of lease are within UPL.
4e	Number of active and alive dumps.	No proposal for the F.Y 2020-21	Nil	No active dumps are there
4f	Number of dead dumps.	No proposal for the F.Y 2020-21	Nil	
4g	Number of dumps established.	No proposal for the F.Y 2020-21	Nil	-
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal for the F.Y 2020-21	Nil during the year	-
4j	Number of settling ponds	No proposal for the F.Y 2020-21	Nil	

4k Specific comments of inspecting officer on waste dump management

3 waste dumps are observed on Southern side of the lease area. No impact due to these dumps is anticipated as they are not active and growth of bushes are observed as no mining activity is reported since 2011.

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal for the F.Y 2020-21	Nil	No area is fully exhausted for Mineral
5b	Area under backfilling of mined out area	No proposal for the F.Y 2020-21	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal for the F.Y 2020-21	Nil	
5d	Total area fully reclaimed and rehabilitated	No proposal for the F.Y 2020-21	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No area is matured for Backfilling, Reclamation and Rehabilitation.

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	No approved mining proposals.	Not applicable	
6b	Area available for rehabilitation (ha) .	No proposal for the F.Y 2020-21	Nil	No area is matured for rehabilitation
6c	afforestation done (ha).	No proposal for the F.Y 2020-21	Nil during the year	
6d	No. of saplings planted during the year	No proposal for the F.Y 2020-21	Nil	
6f	Any other method of rehabilitation	No proposal for the F.Y 2020-21	Nil	
6g	Cost incurred on watch and care during the year	No proposal for the F.Y 2020-21	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No proposal for the F.Y 2020-21	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal for the F.Y 2020-21	Nil	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal for the F.Y 2020-21	Nil	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal for the F.Y 2020-21	Nil	

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal for the F.Y 2020-21	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal for the F.Y 2020-21	No monitoring is carried out	No mining operation for want of Forest clearance
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No reclamation and rehabiliy activity is applicable to this lease as no area is matured for reclamation

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal for the F.Y 2020-21	Nil	Manual sorting of mineral was the earlier practice in the lease area
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal for the F.Y 2020-21	Nil	
7c	Different grade of mineral sorted out at mines.	No proposal for the F.Y 2020-21	Nil	13 no. of Sub grade dumps are observed in the lease area, quality and quantity to be assessed
7d	Any beneficiation process at mines .	No proposal of any beneficiation process to be adopt	Nil	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No Beneficiation is required, only sorting and sizing of mineral was carried out earlier to get the usable ore.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal for the F.Y 2020-21	Nil	
8b	Concurrent use or storage of topsoil	No proposal for the F.Y 2020-21	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal for the F.Y 2020-21	Nil	3 no. of waste Dumps, 13 sub grade dumps are found dumped seperately in the lease area. Quality and Quantity to be assessed.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No such proposal of utilisation of overburden for the F.Y 2020-21	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal for the F.Y 2020-21	Nil	No area is matured for reclamation

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal for the F.Y 2020-21	Nil	Plantation is scanty in the lease area.
8g	Survival rate	No proposal for the F.Y 2020-21	Nil	
8h	Water sprinkling on roads to control airborne dust	No proposal for the F.Y 2020-21	Not applicable	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Plantation is scanty in the lease area, buffer zone of Telugu Ganga Canal to be improved by proper plantation.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly return up to August 2021 and Annual Returns up to F.Y` 2020-21 to be submitted.	Monthly return and Annual return since 2011 are not submitted	No mining activity is reported to be carried out since 2011 for want of Forest Clearance.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual returns - not submitted	-	No mining Engineer and geologist Employed
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual return - not submitted	-	Land use could not be ascertained as plans and sections to be updated.
9d	Scrutiny of Annual return on afforestation	-do-	-	-do-

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	-do-	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual return not submitted	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	-do-	-
9h	Scrutiny of Annual return on fixed assets	-do-	-
9k	Scrutiny of Annual return on mining machineries	-do-	-

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

Date :

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines