

INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/NLR/MC-351

Mine code : 49APR15046

- (i) Name of the Inspecting : CS10) Ch.Suseela
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Sri G. Srinivasa Rao, lessee's Husband & Sri.K.Govinda
Official with
Designation
- (iv) Date of Inspection : 15-JUL-22
- (v) Prev.inspection date : 24.10.2017

PART-I : GENERAL INFORMATION

1. (a) Mine Name : JOGIPALLI (7.186H)
- (b) Registration NO. : IBM/6188/2011
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : ANDHRA PRADESH
District : NELLORE
Village : JOGIPALLI
Taluka : SYDAPURAM
Post office : JOGIPALLI
Pin Code : 524407
FAX No. :
E-mail : dmcmine 9@gmail.com
Phone : 9959955854
- (f) Police Station : SYDAPURAM
- (g) First opening date : 29-MAY-02
- (h) Weekly day of rest : SUN
2. Address for : H.No : 8/442, Puripalem, Ranganayakulapet,
correspondance : SPSR NELLORE DISTRICT.
3. (a) Lease Number : APR2991
- (b) Lease area : 7.19
- (c) Period of lease : 20
- (d) Date of Expiry : 24-JAN-22
4. Mineral worked : QUARTZ Main
VERMICULITE Associated
MICA Associated
FELSPAR Associated

5. Name and Address of the

Lessee : G.ARUNAMMA
8/755, PUIPALEM
RANGANAYAKULAPETA NELLORE-1
NELLORE ANDHRA PRADESH
Phone:
FAX :

Owner : G.ARUNAMMA
8/755, PURIPALEM
RANGANAYAKULA PETA NELLORE
NELLORE ANDHRA PRADESH
Phone: 9959955854
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 25-JUN-01
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 Proposal	NIL	
1b	Exploration over lease area for geological axis 1 or 2	No proposal	NIL	
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	NIL	
1e	Balance reserve as on 01/04/20	_____	_____	
1f	General remarks of inspecting officers on geology, exploration etc	_____	_____	The ML area belongs to Nellore Schist belt of Archean age and consists of Igneous and metamorphic rocks of different ages. pegmatite is the host rock for quartz, felspar, Mica and Vermiculite. No exploration has been carried out so far except two mining pits. There is no valid mining plan for this lease after 2006. The mine is not working for want of EC. The mining operations were suspended by IBM on 29.1.2013.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No Proposal	NIL	There is no valid mining plan for this lease after 2006. The mine is not working for want of EC.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal	No Systematic benches were developed.	
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	_____	_____	There is no valid mining plan for this lease after 2006. The mine is not working for want of EC.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal	NIL	There is no valid mining plan for this lease after 2006. The mine is not working for want of EC.
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.	Not Applicable	NIL
3f	Quantity of sub grade mineral generation.	No proposal	NIL
3g	Grade of sub grade mineral generation	Not Applicable	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	NIL
3m	Total area covered under excavation/pits	No proposal	Pit 1- 1.197 ha Pit 2-- 0.681 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	3.89 ha

3p	Production of ROM mineral during the last five year period as applicable	NIL	NIL	There is no valid mining plan for this lease after 2006. The mine is not working for want of EC.
3q	General remarks of inspecting officers on method of mining etc.	_____	_____	The first mining plan was approved for manual mining method. The same is also proposed in the ensuing plan period. As reported by ADMG, Nellore, the lease is existing under non working conditions. The mining operations were suspended by IBM on 29.1.2013.

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	NIL	
4b	Location of topsoil, OB and mineral reject dumps	No proposal	NIL	
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.	No Proposal	There are 11 scattered dumps.	
4f	Number of dead dumps.	No Proposal	NIL	
4g	Number of dumps established.	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 pits are not matured for reclamation.

Progressive Mine Clousre Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	No proposal	NIL	There is no valid mining plan for this lease after 2006. The mine is not working for want of EC.
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	

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	NIL
4j	Number of settling ponds	No proposal	NIL
4k	Specific comments of inspecting officer on waste dump management	_____	_____

During the field visit, it was observed that there are 11 scatterd waste dumps. The lessee was advised to accomodate all th dumps in a single dump in the non mineralised area and to take protective measures .

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	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	

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	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.	_____	_____	There is no valid mining plan for this lease after 2006. No Progressive mining plan approved for this lease. The mine is not working for want of EC.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	NIL	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Applicable	NIL	
7c	Different grade of mineral sorted out at mines.	Not Applicable	NIL	
7d	Any beneficiation process at mines	No Proposal	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	_____	_____	_____

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	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)	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	_____	_____	There is an agricultural land surrounding the mining lease area which contributes the aesthetic beauty.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and Annual Returns are not submitted	NIL	The lessee was advised to submit the Monthly and Annual Returns.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not Applicable	NIL	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not Applicable	NIL	
9d	Scrutiny of Annual return on afforestation	Not Applicable	NIL	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not Applicable	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not Applicable	NIL	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not Applicable	NIL	
9h	Scrutiny of Annual return on fixed assets	Not Applicable	NIL	
9k	Scrutiny of Annual return on mining machineries	Not Applicable	NIL	

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 : 19.8.2022

Ch. Suseela
(Ch. Suseela)

Indian Bureau of Mines