

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

Mining Plan Modification REPORT

Hyderabad regional office

Mine file No : AP/KNL/FE-58/HYD

Mine code : 30APR11024

- (i) Name of the Inspecting : **RK13**) **A.V.Ramesh Kumar**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri Sripad Bhat Qualified Person
Official with
Designation
- (iv) Date of Inspection : 03/07/2021
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **RAMAKRISHNA(31.17 HA)**
- (b) **Registration NO.** : **IBM/4404/2001**
- (c) Category : A Other Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : ANDHRA PRADESH
- District : KURNOOL
- Village : SARPRAJPURAM
- Taluka : DHONE
- Post office : SARPRAJPURAM
- Pin Code : 518217
- FAX No. :
- E-mail : SRK.MINERALS@YAHOO.IN
- Phone : 08516-275729
- (f) Police Station : VELDURTHI
- (g) First opening date : 01/01/1975
- (h) Weekly day of rest : SUN
2. Address for : SMT T.VIJAYAGOWRI
correspondance NO.8/106,NEHRU NAGAR
KURNOOL DISTRICT, ANDHRA PRADESH
3. (a) Lease Number :
- (b) Lease area :
- (c) Period of lease :
- (d) Date of Expiry :
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : SREE RAMAKRISHNA MINERALS
8/106, NEHRU NAGAR VELDURTHI
MANDAL KURNOOL ANDHRA
PRADESH
Phone: 08516-275729
FAX :

6. Date of approval of Mining : Renewal under rule 24 MCR1960 02/03/2007
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	There is no proposal for the year 2020-21	No exploration was carried out during the year 2020-21	The Mining operations are under suspension from 30.10.2017.
1b	Exploration over lease area for geological axis 1 or 2	---	The area under G1 scale is 11 ha and G2 scale is 3 ha.	None
1c	Exploration Agencies and Expenditure in lakh rupees during the year	---	---	---
1d	Balance area to be explored to bring Geological axis in 1 or 2	---	26 ha to be explored for upgrading to G1 scale	None
1e	Balance reserve as on 01/04/20	---	(111)-222651 tonnes (122) - 15,900 tonnes (222) - 275901 tonnes	None
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	---	----	The mining operations are under suspension from 30.10.2017
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	---	---	---
2c	Stripping ratio or ore to OB ratio	--	---	--
2d	Quantity of topsoil generation in m3	---	No topsoil generated earlier	---
2e	Quantity of overburden generation in m3	---	The actual waste reported from 2011-12 to 2016-17 was 86100 tonnes	None

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	---	---	The inspection was carried out for review of Mining Plan submitted by the lessee.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	---	There are 5 pits	---
3b	Quantity of ROM mineral production proposed	--	---	--
3c	Recovery of sailable/usable mineral from ROM production	--	---	--
3d	Quantity of mineral reject generation	---	---	--
3e	Grade of mineral rejects generation and threshold value declared.	--	---	--
3f	Quantity of sub grade mineral generation.	---	---	--
3h	Manual / Mechanised method adopted for segregating from ROM	--	--	--
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	--	---	--
3j	Provision of drilling and blasting in mineral benches	---	---	--
3k	Provision of mining machineries in mineral benches	--	--	--

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	--	--	--
3m	Total area covered under excavation/pits	--	11 ha	--
3n	Ore to OB ratio for the pit/mine during the year.	--	--	--
3o	Total area put in use under different heads at the end of year	--	20 ha	--
3p	Production of ROM mineral during the last five year period as applicable	--	--	The Mining operations are under suspension since 30.10.2021
3q	General remarks of inspecting officers on method of mining etc.	--	--	--

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	----	---	---
4b	Location of topsoil, OB and mineral reject dumps	---	---	--
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	---	Three dumps were noticed.	--
4e	Number of active and alive dumps.	---	---	--
4f	Number of dead dumps.	---	---	---
4g	Number of dumps established.	--	03	--

4h	Whether Retaining wall or garland drain all along dumps are there.	---	---	---
4i	Length of Retaining wall or garland drain all along dumps	---	---	---
4j	Number of settling ponds	nIL	nIL	nIL
4k	Specific comments of inspecting officer on waste dump management	--	None	None

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.	---	---	--
5b	Area under backfilling of mined out area	--	---	--
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	---	---	--
5d	Total area fully reclaimed and rehabilitated	--	---	---
5e	General remarks of inspecting officers on backfilling and reclamation etc.	---	No area was mined out nor recalimed till date	none

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	---	---	--
6b	Area available for rehabilitation (ha) .	---	---	---
6c	afforestation done (ha).	---	The lease area is in the forest.Lot of dense vegetation was noticed.	--
6d	No. of saplings planted during the year	---	---	--
6e	Cumulative no .of plants	--	---	--
6g	Cost incurred on watch and care during the year	---	50000 as reported by the lessee	--
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	---	---	---
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	---	--	--
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	---	--	--
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	--	--	--
6p	Compliance of environmental monitoring (core zone and buffer zone)	--	--	--

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	--	--	None
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	---	--	The mining operations under suspension since 30/10/2017.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	---	--	--
7c	Different grade of mineral sorted out at mines.	---	--	--
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)	--	---	--
8b	Concurrent use or storage of topsoil	--	--	--
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	--	--	--

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	--	--	--
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	--	--	--
8h	Water sprinkling on roads to control airborne dust	--	--	--
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			
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	As per the Annual return 2020-21, Sri Khaja Babu is the Mining Engineer	The same was observed during the inspection	Lessee informed that as the Mining operations are under suspension as soon as the suspension is revoked and mining operations resume, will appoint the Geologist.

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	The area put to use under various heads is as follows Area under mine workings: 1.250 ha Area under dumps: 0.690 ha Area under infrastructure : 0.740 ha	Same was noticed during the inspection.	None
9d	Scrutiny of Annual return on afforestation	---	580 no.s	None
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	--	None	None
9f	Scrutiny of Annual return on ROM stock and/or graded ore	as per the Annual return the closing stock of the iron ore was reported as 42952 tonnes	The same was noticed during the inspection.	The mining operation are under suspension since October 2018.No production reported during the period of suspension.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	The ex-mine price reported in the Annual return was Rs.820/- per tonne	The mining operations are under suspension.As such the ex-mine price could not be ascertained.	None
9h	Scrutiny of Annual return on fixed assets	Nil	None	None
9k	Scrutiny of Annual return on mining machineries	No machinery reported in Annual return 2020-21	Same was noticed during the inspection	None

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 :

(A.V.Ramesh Kumar)

Indian Bureau of Mines