

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/KNL/FE-59/HYD

Mine code : 30APR11025

- (i) Name of the Inspecting : **160**) **Kalmata.M.K**
Officer and ID No.
- (ii) Designation : Regional Mining Geologist
- (iii) Accompanying mine : T.V.Sudhindra, representative of lessee
Official with
Designation
- (iv) Date of Inspection : 13-FEB-24
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **RAMAKRISHNA(11.92 HA)**
- (b) **Registration NO.** : **IBM/4404/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : ANDHRA PRADESH
- District : KURNOOL
- Village : EMBAY & SARPARA JAPE
- Taluka : DHONE
- Post office : RAMALAKOTA
- Pin Code : 518222
- FAX No. :
- E-mail : **srk.minerals@yahoo.in**
- Phone : 08516275629
- (f) Police Station : VELDURTHY
- (g) First opening date : 01-JAN-76
- (h) Weekly day of rest : SUN
2. Address for : Smt.T.Subbamma,M/s Sree Ramakrishna Minerals,
correspondance H.No.7-63, Main Bazar,Veldurthy post and mandal
Kurnool district-518216
3. (a) Lease Number : APR2766
- (b) Lease area : 2.61
- (c) Period of lease : 30
- (d) Date of Expiry : 20-OCT-06
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : SREE RAMAKRISHNA MINERALS
VELDURTHY KURNOOL ANDHRA
PRADESH
Phone:
FAX :

6. Date of approval of Mining : Renewal under rule 24 MCR1960 06-MAR-07
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	None.	However, for submission of RMP lessee has drilled 04 DTH holes and made 12 trial pits in the year 2023-24, but during field visit no samples/drill cuttings were seen for DTH holes.	The last approved document was expired on 31.03.2011 and thereafter no document was approved by this office. Further, The mine is suspended on 06.12.2013 and recommended for termination of the lease. However, for submission of RMP lessee has drilled 04 DTH holes and made 12 trial pits in the year 2023-24, but during field visit no samples/drill cuttings were seen.
1b	Exploration over lease area for geological axis 1 or 2	None.	for submission of RMP lessee has drilled 04 DTH holes and made 12 trial pits in the year 2023-24, but during field visit no samples/drill cuttings were seen. In the draft shown 5.00Ha under G-1 level and 4.00 ha under G-2 level, But no samples were observed during field visit and date given was not matching with the field, the said exploration was not considered by this office.	However, for submission of RMP lessee has drilled 04 DTH holes and made 12 trial pits in the year 2023-24, but during field visit no samples/drill cuttings were seen. In the draft shown 5.00Ha under G-1 level and 4.00 ha under G-2 level, But no samples were observed during field visit and date given was not matching with the field, the said exploration was not considered by this office.

1c	Exploration Agencies and Expenditure in lakh rupees during the year	None.	Lessee has drilled 04 DTH boreholes and 12 trial pits during 2023-24, Expenditure incurred is approximately 1.5lakhs.	Since, no samples were observed during field visit and date given was not matching with the field, the said exploration was not considered by this office.
1d	Balance area to be explored to bring Geological axis in 1 or 2	None.	Lessee has drilled 04 DTH boreholes and 12 trial pits during 2023-24.	Since, no samples were observed during field visit and date given was not matching with the field, the said exploration was not considered by this office.
1e	Balance reserve as on 01/04/20	As per the approved document dated 06/03/2007, Proved reserves (111) - 52206 Tonnes, Probable Reserves(122) - 21654 Tonnes, Total - 73860 Tonnes.	As per the approved document dated 06/03/2007, Proved reserves (111) - 52206 Tonnes Probable Reserves (122) - 21654 Tonnes, Total - 73860 Tonnes	The data on actual production carried out during approved plan period of 2006-07 to 2010-11 is not available in this office, so reserves/resources kept as it is in the approved document.

1f	General remarks of inspecting officers on geology, exploration etc	The said area is confined to the Tadpatri shale formation. The iron ore occurs in this area is associated with weathered metavolcanics, shale & BHQ. The general strike of the formation is NE-SW and dip 75 to 80 degree due North.	Earlier, the reserves/resources were estimated based on the surface exposure. However, for submission of RMP lessee has drilled 04 DTH holes and made 12 trial pits in the year 2023-24, but during field visit no samples/drill cuttings were seen. In the draft shown 5.00Ha under G-1 level and 4.00 ha under G-2 level, But no samples were observed during field visit and data given was not matching with the field, the said exploration was not considered by this office.
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Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	None.	A fresh working was observed in the NNE of the lease area.	The last approved document was expired on 31.03.2011 and thereafter no document was approved by this office. Further, The mine is suspended on 06.12.2013 and recommended for termination of the lease. However, during inspection fresh working was observed. Since mine is already under suspension no fresh violation was pointed out by this office, but informed State Government for necessary action vide letter dated 20.02.2024.

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	None.	During inspection fresh working was observed . Benches were observed in ore only.	
2c	Stripping ratio or ore to OB ratio	None.	None.	
2d	Quantity of topsoil generation in m3	None.	None.	
2e	Quantity of overburden generation in m3	None.	None.	Some working was observed during field visit and same is visible in drone data submitted to this office, from the said working waste is generated and quantity of the same is not available. Since the mine is under suspension and no approved document is available from 01.04.2011 onwards, The matter is referred to State Government for verification and further necessary action.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		The last approved document was expired on 31.03.2011 and thereafter no document was approved by this office. Further, The mine is suspended on 06.12.2013 and recommended for termination of the lease. However, during inspection fresh working was observed. Since mine is already under suspension no fresh violation was pointed out by this office, but informed State Government for necessary action vide letter dated 20.02.2024.	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	None.	One pit was observed covering an area of approximately 0.39Ha.	One pit was observed during the field visit and some portion above the pit was degraded by mining activity. There is no approved document from 01.04.2011 onwards and lessee has worked without any approved document. Since the mine is already suspended and recommended for termination, no fresh violation was issued. However, informed state Government for verification and necessary action.
3b	Quantity of ROM mineral production proposed	None.	some material was removed from and quality and quantity of the same was not assessed. Since the mine was already under suspension and working has been carried out without approved document, This office has written to State government for verification and further necessary action.	Some working was observed during field visit and same is visible in drone data submitted to this office, from the said working some material is removed and quantity of the same is not available. Since the mine is under suspension and no approved document is available from 01.04.2011 onwards, The matter is referred to State Government for verification and further necessary action.
3c	Recovery of sailable/usable mineral from ROM production	None.	Quality and quantity of the material removed is not assessed.	Informed State Government for verification and further necessary action.

3d	Quantity of mineral reject generation	None.	Quality and quantity of the material removed is not assessed.	Informed State Government for verification and further necessary action.
3e	Grade of mineral rejects generation and threshold value declared.	None.	Not available.	
3f	Quantity of sub grade mineral generation.	None.	Quality and quantity of the material removed is not assessed.	Informed State Government for verification and further necessary action.
3g	Grade of sub grade mineral generation	None.	Not availble.	
3h	Manual / Mechanised method adopted for segregating from ROM	None.	None.	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	None.	None.	
3j	Provision of drilling and blasting in mineral benches	None.	None.	
3k	Provision of mining machineries in mineral benches	None.	A fresh working was observed in the NNE of the lease area. Mostly working was carried out by using machineries.	The mine is under suspension and no approved document is available from 2011 onwards. Since mine is already under suspension, no action has been initiated by this office. However, informed State Government for verification and further necessary action.

31	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	None.	Two benches of almost 4.00 to 5 mtr height were observed.	The mine is under suspension and no approved document is available for the period 01.04.2011 onwards. Since the mine is already under suspension no action is initiated by this office. However, informed State Government for verification and further necessary action for working without having any approved document and when mine is under suspension.
3m	Total area covered under excavation/pits	None.	Area under mining- 0.39Ha.	The mine is under suspension and no approved document is available for the period 01.04.2011 onwards. Since the mine is already under suspension no action is initiated by this office. However, informed State Government for verification and further necessary action for working without having any approved document and mine is under suspension.

3n	Ore to OB ratio for the pit/mine during the year.	None.	Not available.	Working has been observed during field visit, however, no records available for handling of ore and OB. The working has been carried out without having any approved document and when mine is under suspension. So informed State Government to for verification and necessary action.
3o	Total area put in use under different heads at the end of year	None.	Area under mining- 0.39Ha, Dumps:- 0.28Ha, Roads:-.32Ha	The mine is under suspension and no approved document is available from 2011 onwards. Since mine is already under suspension, no action has been initiated by this office. However, informed State Government for verification and further necessary action.
3p	Production of ROM mineral during the last five year period as applicable	None.	No information available.	Fresh working was observed during field visit. However, details of the production of ore, waste etc are not available. The mine is under suspension and no approved document is available from 01.04.2011 onwards. Informed State Government for verification and necessary action.

3q General remarks of inspecting officers on method of mining etc.

A fresh working was observed during the inspection, it appears working was carried out by engaging machineries. The mine is under suspension and no approved document is available for the period 01.04.2011 onwards. Since the mine is already under suspension no action is initiated by this office. However, informed State Government for verification and further necessary action for working without having any approved document and when the mine is under suspension.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	None.	Three OB dumps are existing within the lease area, near existing pit.	Fresh working was observed during field visit, it appears the dumps were formed due to recent workings. working was observed. However, details of generation of waste, mineral reject etc are not available. The mine is under suspension and no approved document is available from 01.04.2011 onwards. Informed State Government for verification and necessary action.

4b	Location of topsoil, OB and mineral reject dumps	None	Three OB dumps are existing within the lease area, near existing pit. It appears the dumps were made recently	The mine is under suspension and no approved document is available from 01.04.2011 onwards. Informed State Government for verification and necessary action .
4c	Number of dumps within lease area and outside of lease area	None.	None.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	None	At present outside the UPL	The UPL may be changed after proper exploration.
4e	Number of active and alive dumps.	None.	Three.	The mine is under suspension and no approved document is available from 01.04.2011 onwards. However, it appears three waste dumps were made recently by working without having approved document and when mine is under suspension. Informed State Government for verification and necessary action .
4f	Number of dead dumps.	None.	None.	
4g	Number of dumps established.	None.	None.	
4h	Whether Retaining wall or garland drain all along dumps are there.	None.	None.	
4i	Length of Retaining wall or garland drain all along dumps	None.	None.	
4j	Number of settling ponds	None.	None.	

4k	Specific comments of inspecting officer on waste dump management	The mine is under suspension and no approved document is available from 01.04.2011 onwards. However, it appears three waste dumps were made recently by working without having approved document and when mine is under suspension. Informed State Government for verification and necessary action .
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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.	None.	None.	Mineral is not extracted up to the proved depth, so, no backfilling was proposed and made so far. Further, the mine is under suspension and no document is approved (MP/RMP/MMP) for the period 01.04.2011 onwards.
5b	Area under backfilling of mined out area	None.	None.	No area is matured for backfilling.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	None.	None.	
5d	Total area fully reclaimed and rehabilitated	None.	None.	

5e	General remarks of inspecting officers on backfilling and reclamation etc.	Mineral is not extracted up to the proved depth, so, no backfilling was proposed and made so far. Further, the mine is under suspension and no document is approved (MP/RMP/MMP) for the period 01.04.2011 onwards.
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Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Before 1st july of every year for the preceding year.	None.	The mine is suspended on 06.12.2013 and recommended for termination of the lease. Further, no approved MP/RMP/MMP for the period 01.04.2011 onwards.
6b	Area available for rehabilitation (ha) .	None.	None.	
6c	afforestation done (ha).	None.	None.	
6d	No. of saplings planted during the year	None.	None.	
6e	Cumulative no .of plants	None.	None.	
6f	Any other method of rehabilitation	None.	None.	
6g	Cost incurred on watch and care during the year	None.	None.	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	None.	None.	

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	None.	None.
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	None.	None.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	None.	None.
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	None.	None.
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	None.	None.
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	None.	None.
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	None.	None.
6p	Compliance of environmental monitoring (core zone and buffer zone)	None.	None.

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	The mine is suspended on 06.12.2013 and recommended for termination of the lease. Further, no approved MP/RMP/MMP for the period 01.04.2011 onwards. Hence no progressive mine closure works have been carried out by the lessee.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	None.	None.	The mine is suspended on 06.12.2013 and recommended for termination of the lease. Further, no approved MP/RMP/MMP for the period 01.04.2011 onwards.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	None.	None.	
7c	Different grade of mineral sorted out at mines.	None.	None.	
7d	Any beneficiation process at mines .	None.	None.	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		The mine is suspended on 06.12.2013 and recommended for termination of the lease. Further, no approved MP/RMP/MMP for the period 01.04.2011 onwards.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	None.	None.	The mine is suspended on 06.12.2013 and recommended for termination of the lease. Further, no approved MP/RMP/MMP for the period 01.04.2011 onwards.
8b	Concurrent use or storage of topsoil	None.	None.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	None.	None.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed.	None.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	None.	None.	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	None.	None.	
8g	Survival rate	None.	None.	
8h	Water sprinkling on roads to control airborne dust	None.	None.	

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	About 1.00Ha is covered by mining activities, pits and dumps. Natural shrub like vegetation was observed in the un brokenup area.	The mine is suspended on 06.12.2013 and recommended for termination of the lease. Further, no approved MP/RMP/MMP for the period 01.04.2011 onwards.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	A monthly return shall be submitted before the tenth day of every month in respect of the preceding month and an annual return shall be submitted before the 1st day of July each year for the preceding financial year.	None.	The mine is suspended on 06.12.2013 and recommended for termination of the lease. Lessee has not submitted any Annual or Monthly returns from more than a decade.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	None.	None.	The mine is suspended on 06.12.2013 and recommended for termination of the lease.

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	None.	Area under mining- 0.39Ha, Dumps:- 0.28Ha, Roads:-.32Ha	The mine is under suspension and no approved document is available from 2011 onwards. Since mine is already under suspension, no action has been initiated by this office. However, informed State Government for verification and further necessary action.
9d	Scrutiny of Annual return on afforestation	None.	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	None.	Some oversized ore boulders were observed within the lease area in the pit area. However, quantification of the same is not available.	The mine is suspended on 06.12.2013 and recommended for termination of the lease. Informed State Government for verification and necessary action for working during the time of suspension of the Mining activity and when no approved MP/RMP is available for the period 01.04.2011 onwards.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	None.	None.	
9h	Scrutiny of Annual return on fixed assets	None.	None.	

9k	Scrutiny of Annual return on mining machineries	None.	None. No machineries were observed on the day of inspection.	The mine is under suspension from 2013 onwards and lessee is not submitting Annual and monthly returns to this office.
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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 :

(Kalmata.M.K)

Indian Bureau of Mines