

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

**Review and updation of Mining Plan REPORT**

**Hyderabad regional office**

**Mine file No :** AP/VZNR/Mn-142/Hyd

**Mine code :** 40APR20095

- (i) Name of the Inspecting : **DP09** ) **D.P.Ravi kumar**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : ACCOMPANIED BY S/SHRI V.K.MISAR, QUALIFIED PERSON AN  
Official with  
Designation
- (iv) Date of Inspection : 13/06/2023
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **ROBO MANGANESE MINE**
- (b) **Registration NO.** : **IBM/22004/2017**
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address
- State : ANDHRA PRADESH
- District : VIZIANAGARAM
- Village : D.GADABAVALASA
- Taluka : THERLAM
- Post office : SATHANAVALSA
- Pin Code : 532127
- FAX No. :
- E-mail : bompl2010@gmail.com
- Phone : 9121764144, 9440526096
- (f) Police Station : CHIPURUPALLI
- (g) First opening date : 13/12/2017
- (h) Weekly day of rest : SUN
2. Address for : Villa No.27, The Trails,Lanco Hills,  
correspondance Manikonda,Hyderabad  
Telangana State
3. (a) Lease Number :
- (b) Lease area :
- (c) Period of lease :
- (d) Date of Expiry :
4. Mineral worked : MANGANESE ORE Main

## 5. Name and Address of the

Lessee : M/s BLUE OCEAN MINERALS PVT LIMITED  
 Plot No.5, H.No:8-3-677/19  
 Sri krishna Devaraya Nagar,  
 Hyderabad HYDERABAD  
 TELANGANA  
 Phone:  
 FAX :

Owner : C V SUBBARAO  
 PLOT NO.5, H.NO.8-3-677/19  
 SRI KRISHNA DEVARAYA NAGAR  
 HYDERABAD HYDERABAD  
 TELANGANA  
 Phone:  
 FAX :

Agent : A.RAMESH CHANDRA  
 Plot No.5, H.No:8-3-677/19,  
 Sri Krishna Devaraya Nagar,  
 Hyderabad HYDERABAD  
 TELANGANA  
 Phone: 9121764144  
 FAX :

## Mining Engineer

Name : P S K KISHORE,Full Time  
 Qualification : B TECH MINING  
 Appointment/ : 08/05/2018  
 Termination date

## Geologist

Name : v Sundara Kumar,Full Time  
 Qualification : MSc geology  
 Appointment/ :  
 Termination date

## Manager

Name : K KRISHNA RAO  
 Qualification :  
 Appointment/ : 13/12/2017  
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining : MP under 16(1) of MCR 2016 28/06/2017

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration was Proposed during the year 2022-23.	No exploration carried out during the year 2022-23	No comments to offer.
1b	Exploration over lease area for geological axis 1 or 2	-do-	The entire potential mineralised zone is explored under G-1 level .	No comments to offer.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	None	None	None
1d	Balance area to be explored to bring Geological axis in 1 or 2	None	None	Nil
1e	Balance reserve as on 01/04/20		As on 31.04.2023: 196144 t	Nil
1f	General remarks of inspecting officers on geology, exploration etc			The entire potential-ly mineralised area covered under G-1 level of exploration. The deposit falls under Khondalite Group.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	There was no approved document for the year 2022-23.	There was no approved document for the year 2022-23.	No comments
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	-do-	-do-	-do-
2c	Stripping ratio or ore to OB ratio	-do-	-do-	-do-
2d	Quantity of topsoil generation in m3	-do-	-do-	-do-

2e	Quantity of overburden generation in m3	-do-	-do-	-do-
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	The valid proposals were expired on 31.03.2022.As on date there is no appro	As on date the mine has no valid approved document.	The valid proposals were expired on 31.03.2022.As on date there is no approved document.

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Furth er, the lessee has submitted draft reveiw of mining plan which is under process.	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.
3b	Quantity of ROM mineral production proposed	-do-	-do-	-do-
3c	Recovery of sailable/usable mineral from ROM production	-do-	-do-	-do-
3d	Quantity of mineral reject generation	-do-	-do-	-do-
3e	Grade of mineral rejects generation and threshold value declared.	-do-	-do-	-do-
3f	Quantity of sub grade mineral generation.	-do-	-do-	-do-
3g	Grade of sub grade mineral generation	-do-	-do-	-do-

3h	Manual / Mechanised method adopted for segregating from ROM	-do-	A OTFM	-do-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	-do-	The valid proposals were expired on 31.03.2023.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.	-do-
3j	Provision of drilling and blasting in mineral benches	-do-	-do-	-do-
3k	Provision of mining machineris in mineral benches	-do-	-do-	-do-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	-do-	-do-	-do-
3m	Total area covered under excavation/pits	-do-	-do-	-do-
3n	Ore to OB ratio for the pit/mine during the year.	-do-	-do-	-do-
3o	Total area put in use under different heads at the end of year	-do-	2.73 ha.	-do-
3p	Production of ROM mineral during the last five year period as applicable	2017-18 - 23147 tonnes 2018-19 - 23732 tonnes 2019-20 - 22617 tonnes 2020-21 -23156 tonnes, 2021- 22: 22828	2017-18 - 3295 tonnes 2018-19 - 23732 tonnes 2019-20 - 23670 tonnes 2020-21 - 23660 tonnes 2021-22-12760 tonnes 2022-23-No propduction, lapsed period.	No excess production than the proposed quantity was reported.

3q	General remarks of inspecting officers on method of mining etc.	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.
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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)	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Furth er, the lessee has submitted draft reveiw of mining plan which is under process.	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.
4b	Location of topsoil, OB and mineral reject dumps	-do-	-do-	-do-
4c	Number of dumps within lease area and outside of lease area	-do-	-do-	-do-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	-do-	-do-	-do-
4e	Number of active and alive dumps.	-do-	-do-	-do-
4f	Number of dead dumps.	-do-	-do-	-do-
4g	Number of dumps established.	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Nil	Nil

4i	Length of Retaining wall or garland drain all along dumps	Nil	Nil	Nil
4j	Number of settling ponds	None	None	None
4k	Specific comments of inspecting officer on waste dump management			As the valid proposals were expired on 31.03.2022, no proposals were made for waste dump management. Further, the lessee has submitted the draft review of mining plan which is under process.

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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.	There was no proposal for backfilling or reclamation duirng the year 2022-23.	No bacfilling or reclamation was noticed during the inspection.	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.
5b	Area under backfilling of mined out area	-do-	Nil	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.	Nil	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.
5d	Total area fully reclaimed and rehabilitated	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.	Nil	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	There is no proposal for backfilling or reclamation during the year 2022-23	No backfilling or reclamation carried out duiring the year 2022-23.	No backfilling or reclamation carried out duiring the year 2022-23.

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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).	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.	Nil	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.
6b	Area available for rehabilitation (ha) .	-do-	Nil	-do-



6c	afforestation done (ha).	-do-	Nil	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.
6d	No. of saplings planted during the year	-do-	Nil	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.
6e	Cumulative no .of plants	-do-	Nil	During the inspection about 3500 cumulative no.of plants have been observed with in the lease area.
6f	Any other method of rehabilitation	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.	Nil	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.
6g	Cost incurred on watch and care during the year	-do-	Nil	-do-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	-do-	Nil	-do-

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

6p	Compliance of environmental monitoring (core zone and buffer zone)	It was proposed to carry out environmental monitoring regularly in core and buffer zone.	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.		The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.

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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 valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.	None	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	-do-	None	None

7c	Different grade of mineral sorted out at mines.	-do-	None	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.
7d	Any beneficiation process at mines	None	None	None
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.	None	None

8b	Concurrent use or storage of topsoil	-do-	None	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	-do-	None	-do-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	-do-	None	-do-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	-do-	None	-do-
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	-do-	None	-do-
8g	Survival rate	-do-	None	-do-

8h	Water sprinkling on roads to control airborne dust	It was proposed carry out water sprinkling for dust supression.Further, The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.	None	The valid proposals were expired on 31.03.2022.As on date there is no approved document.Further, the lessee has submitted draft reveiw of mining plan which is under process.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		The lessee is submitting the Monthly and Annual returns regularly to this office.	None
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	As per the Annual return 2022-23, Sri K Krishna Rao and Sri V. Sundara Kumar are reported as the Mining Engineer and geologist respectively.	The same was noticed during inspection.	None

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9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	As per the Annual return the area covered under current workings was 2.730 ha and under waste disposal was 0.170 ha.	The same was noticed during the inspection.	None
9d	Scrutiny of Annual return on afforestation	As per the Annual return, during the year 200 no.s trees have been planted during the year.	The same was confirmed	None.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	None	None	During the year 2022-23 , no valid approved document, hence the mine was not worked. However, lessee ha submitted the draft review of mining plan to this office which is under process.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	None	None	During the year 2022-23 , no valid approved document, hence the mine was not worked. However, lessee ha submitted the draft review of mining plan to this office which is under process.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	The ex-mine price reported during the year 2022-23 was Rs.3623.75 per tonne for below 25% Mn and Rs.7500 per tonne for 25-35% Mn.		
9h	Scrutiny of Annual return on fixed assets	The value of fixed assets reported during the year 2022-23 was Rs.20993562	The same was not verified.	

9k	Scrutiny of Annual return on mining machineries	Nil	-	During the year 2022-23 , no valid approved document, hence the mine was not worked. However, lessee ha submitted the draft review of mining plan to this office which is under process.
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**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 :**

(D.P.Ravi kumar)

Indian Bureau of Mines