# INDIAN BUREAU OF MINES MINERALS DEVELOPMENT AND REGULATION DIVISION

#### Mining Plan Modification REPORT

#### Hyderabad regional office

Mine file No : AP/VZNR/MN-24/HYD Mine code : 40APR20046

(i) Name of the Inspecting : DP09 ) D.P.Ravi kumar

Officer and ID No.

(ii) Designation : Assistant Mining Geologist

(iii) Accompaning mine : S/SHRI V.T.CHANDER QP AND A. VISWANATH NAIDU, LESSŁEŚ

Official with REPRESENTATIVE,

Designation

I I

(iv) Date of Inspection : 16/02/2022

(v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) Mine Name : DEVADA NEW

(b) Registration NO. : IBM/536/2011

(c) Category : A Other than Fully Mech.

(d) Type of Working : Opencast

(e) Postal address

State : ANDHRA PRADESH
District : VIZIANAGARAM

Village : DEVADA Taluka : GARIVIDI

Post office : SHREERAMNAGAR

Pin Code :

FAX No. : 08952-282021

E-mail : montymor@rediffmail.com

Phone : 82041,82021

(f) Police Station :

(g) First opening date : 06/02/1995

(h) Weekly day of rest : SUN

2. Address for : M/S.R.B.S.S.D.&F.N.DAS

correspondance DEVADA, (V), GARVIDI(M), 535101.

SREERAMNAGAR(P) VIIANAGARAM

3. (a) Lease Number : APR1281 (b) Lease area : 41.06

(c) Period of lease :50

(d) Date of Expiry : 23:01.2025

4. Mineral worked : MANGANESE ORE Main

5. Name and Address of the

Lessee : M/S RBSSD &FN DAS

M/S RBSSD &FN DAS PO

SHREERAMNAGAR DIST: VZIANAGARAM

VIZIANAGARAM ANDHRA PRADESH

Phone: NIL.

FAX :

: M/SRBSSD%F.N.DAS Owner

SREERAMNAGAR (P),

VIZIANAGARAM VIZIANAGARAM

ANDHRA PRADESH Phone: 0892-282041

FAX :

: D.SURYANARAYANA Agent

M/S.RBSSD&FNDAS

SREERAMNAGAR GARVIDI

VIZIANAGARAM ANDHRA PRADESH

Phone: FAX :

Mining Engineer

: P.S.K.KISHORE, Part Time Name

Qualification : A.M.I.E Appointment/ : 03/05/2005

Termination date

6. Date of approval of Mining

Plan/Scheme of Mining

: Mining Scheme rule 12 MCDR1988 09/09/2004 Mining Scheme rule 12 MCDR1988 25/01/2006 Modif.approved Mining Scheme 16/01/2015

PAGE : 3

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration:

Sl.No.	Item	Proposals	Actual work	Remarks
la	Backlog of previous year	None	None	The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upto 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.
1b	Exploration over lease area for geological axis 1 or 2		The entire lease hold is covered under G1 scale of exploration	The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upto 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	

1d Balance area to Nil be explored to bring Geological axis in 1 or 2

Nil

1e Balance reserve Nil as on 01/04/20

The lease period has 
The lease period has 
has been seriod been expired on 31.03.2020. Further, as on 31.03.2020. per the Hon'ble High Further, as per Court, Andhra Pradesh proceedings, the State Court, Andhra Govt. is extended the grant of mining lease period upto 23.01.2025. State Govt. is The Lessee is submitted extended the the draft Modified Mining Plan to this office, which is under 23.01.2025. The process.

has been expired the Hon'ble High Pradesh proceedings, the grant of mining lease period upto Lessee is submitted the draft Modified Mining Plan to this office, which is under process.

1f General remarks of inspecting officers on geology, exploration etc

The area is a part of the Archean terrain consisting ofBiotite gneisses , garnet sillimanite gneisses , Feldspathic quartzites, calc granulites, quartz veins etc. The ore body is exposedover a strike length of 1648m with exposedwidth of 460m due NW of the minin g lease area and tapesrs in the SE direction. Occurence of manganse pockets within the feldspathic quartzite in south western part at a depth of 12-15 m.

Darralanmant	
Development	

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Nil	Nil	The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upto 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office
				this office, which is under process.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Nil	Nil	The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upto 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.

2c Stripping ratio Nil or ore to OB ratio

Nil

2d Quantity of Nil topsoil generation in m3

Nil

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2e Quantity of Nil
 overburden
 generation in m3

Nil

2f General remarks of inspecting officers on development of pit w.r.t. type of deposit etc

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Exploitation:

Sl.No. Item

Propasals

Actual work

Remarks

3a Number of pit Nil proposed for production

Nil

3b Quantity of ROM Nil mineral production proposed

Nil

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3d Quantity of mineral reject generation

Nil

 $t^2$   $t_{\ell}$ 

Nil

3e Grade of mineral Nil rejects generation and threshold value declared.

Nil

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3f Quantity of sub Nil grade mineral generation.

Nil

3g Grade of sub Nil grade mineral generation

Nil

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3h Manual /
Mechanised
method adopted
for segregating
from ROM

A Mechanised

3i Any analysis or Nil beneficiation study proposed and carried out for sub grade mineral and rejects.

Nil

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3j Provision of drilling and blasting in mineral benches

NA

Nil

NA

3k Provision of mining machineries in mineral benches

Nil

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31 Whether height Nil of benches in overburden and mineral suitable for method of mining proposed in MP/SOM

Nil

3m Total area covered under excavation/pits

Nil

Nil

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3n Ore to OB ratio Nil
 for the pit/mine
 during the year.

Nil

30 Total area put -in use under
different heads
at the end of
year

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2016-17 -2016-17 - 29,798.00 3p Production of 2017-18 - 13,370.00 ROM mineral 69,933.50 during the last 2017-18 -2018-19 - 49,990.00 five year period 62,142.50 2019-20 - 49,930.00 2020-21 - Not in as applicable 2018-19 -64,699.75 possession 2019-20 -

66,833.00

2020-21 - Not in possession

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

The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upto 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.

#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)		Separate dumps of OB & Mineral reject. Mineral reject dumps reported as old one were also observed and are dumped Separately.	_

4b Location of topsoil, OB and mineral reject dumps

West of lease area.

The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upt 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.

4c Number of dumps within lease area and outside of lease area

One with in lease & one outside lease area.

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4d Location of dumps w.r.t. ultimate pit limit (Rule 16)

4e Number of active Nil and alive dumps.

West side & outside of UPL

Nil

4f Number of dead -- dumps.

Nil

4g Number of dumps Nil established.

The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upt 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.

4h Whether
Retaining wall
or garland drain
all along dumps
are there.

Yes

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- 4i Length of
  Retaining wall
  or garland drain
  all along dumps
  - Number of settling ponds

4j

4k Specific comments of inspecting officer on waste dump management

Retaining wall & garland drain were constructed with dimensions of 460x1 x1.5 meters.

One

Sl.No.	Item	Propasals	Actual work	Remarks
5a `	Status of part or full extraction of mineral from mined out area before starting backfilling.	N.A	N.A	
5b	Area under backfilling of mined out area	N.A	N.A	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	None	None	The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upto 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.
5d	Total area fully reclaimed and rehabilitated	None	None	The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upto 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.

5e General remarks of inspecting
officers on
backfilling and
reclamation etc.

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### Progressive Mine Clousre Plan:

6b Area available -for
rehabilitation
(ha) .

6c afforestation None None done (ha).

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6d No. of saplings NA planted during the year

NA

6e Cumulative no NA .of plants

NA

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6f Any other method NA of rehabilitation

NA

6g Cost incurred on NA watch and care during the year

NA

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6h Compliance on NA reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D

NA

6i Compliance on NA reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings

NA

The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upto 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.

6j Compliance on NA reclamation and rehabilitation by backfilling (iii) Afforestati on on backfilled area

NA

6k Compliance on reclamation and rehabilitation by backfilling (iv)
Rehabilitation by making water reservoir

NA

NA

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Compliance on NA reclamation and rehabilitation by backfilling (v) any other specific means.

NA

6m Compliance of NA rehabilitation of waste land within lease (i)afforestation

NA

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6n Compliance of NA
rehabilitation
of waste land
within lease
(ii)Area
rehabilitation
(ha)

NA

NA

60 Compliance of NA rehabilitation of waste land within lease (iii) Method of rehabilitation

The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upto 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.

6p Compliance of NA environmental monitoring (core zone and buffer zone)

NA

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6q General remarks NA of inspecting officers on PMCP compliance and progressive closure operations etc.

NA

has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upto 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.

The lease period

#### Mineral Conservation:

Sl.No. Item Propasals Actual work Remarks

7a ROM Mineral dispatch or grade-wise sorting within lease area

Nil

7b Method of grade- NA wise mineral sorting i.e. manual or mechanical.

Manual

The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upto 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.

7c Different grade NA of mineral sorted out at mines.

NA

7d Any NA beneficiation process at mines

NA

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7e General remarks
of inspecting
officer on
Mineral
conservation and
beneficiation
issues

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#### Environment:

Eliviionment.					
Sl.No.	Item	Propasals	Actual work	Remarks	
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil		
8b	Concurrent use or storage of topsoil	Nil	Nil		
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)		One waste dump with in the lease area.		

8d Use of
overburden,
waste rock,
rejects and
fines dumps for
restoring the
land to its
original use

The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upto 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.

Phased Nil
restoration,
reclamation and
rehabilitation
of lands
affected by
mining
operations
(Pits, dumps
etc)

Nil

8f Baseline
information on
existence of
plantation and
additional
plantation done
(Rule 41)

There is no vegetationin the lease area other than the afforestation taken up by the lessee.

8g Survival rate --

8h Water sprinkling on roads to control airborne dust --

8i General remarks of inspecting officer on aesthetic beauty in and around mines area

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly returns submitted up to January 2022 , Annual Return submitted up to 2020-21	Lessee is submitted to statutory returns regularly.	he The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upto 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.

9b Scrutiny of Annual return for information submitted by on Mining Engineer, Geologist and Manager

Annual return the lessee the Miningengineer is Sri Divakar .R and Sri Ganesh. P is the , geologist

As per the found in order/ correct.

The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upto 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.

9c land use pattern 2.519 Ha, for area under Roads, pits, reclaimed Plantation& area, dumps etc. Others - 0.96

Scrutiny of Pit - 7.751 Pit - 7.751 Ha, OB Dump Annual return on Ha, OB Dump - - 2.519 Ha, Roads, Plantation& Others -0.96 Ha,

Ha,

9d Scrutiny of Annual return on afforestation

Planted 650no's during 2019-20.

9e Scrutiny of -Annual return on
mineral reject
generation
(Grade and
quantity)

9f Scrutiny of Annual return on ROM stock and/or graded ore The lease period has been expired on 31.03.2020. Further, as per the Hon'ble High Court, Andhra Pradesh proceedings, the State Govt. is extended the grant of mining lease period upto 23.01.2025. The Lessee is submitted the draft Modified Mining Plan to this office, which is under process.

9q Scrutiny of Annual return on sale value, Ex. Mine price and production cost

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Scrutiny of fixed assets

in the

annual return

1,19,472.00

Rs.

The value of The value of fixed Annual return on fixed Assets Assets reported during reported 2019-20 in the annual during 2019-20 return Rs. 1,19,472.00

Scrutiny of Annual return on mining machineries

9k

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 : 07-03-2021

Indian Bureau of Mines

