

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

**Review and updation of Mining Plan REPORT**

**Hyderabad regional office**

**Mine file No :** AP/VZNR/MN-137/HYD

**Mine code :** 40APR20086

- (i) Name of the Inspecting : **CS10** ) Ch.Suseela  
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : P.R.MISHRA, QP  
Official with  
Designation
- (iv) Date of Inspection : 25-FEB-22
- (v) Prev.inspection date : 28-DEC-17

**PART-I : GENERAL INFORMATION**

- 1. (a) **Mine Name** : **ANJU (9.35 HA)**
  - (b) **Registration NO.** : **IBM/9335/2012**
  - (c) **Category** : B Manual
  - (d) **Type of Working** : Opencast
  - (e) **Postal address**
    - State** : ANDHRA PRADESH
    - District** : VIZIANAGARAM
    - Village** : SIKHAPARUVU
    - Taluka** : SALUR
    - Post office** : THONAM
    - Pin Code** :
    - FAX No.** :
    - E-mail** : indirapriyan@yahoo.com
    - Phone** : 8008529202
  - (f) **Police Station** : SALURU
  - (g) **First opening date** : 24-AUG-10
  - (h) **Weekly day of rest** : SUN
- 2. **Address for correspondence** : DOOR NO:5-367, A.S.R. STREET,  
OPP:POWER HOUSE,KURNOOL ROAD,  
ONGOLE DIST.PRAKASHAM.
- 3. (a) **Lease Number** : APR3138
  - (b) **Lease area** : 9.35
  - (c) **Period of lease** : 20
  - (d) **Date of Expiry** : 23-DEC-29
- 4. **Mineral worked** : MANGANESE ORE Main

## 5. Name and Address of the

Lessee : K.SWAMI REDDY  
DOOR NO:5-367,A.S.R.STREET,  
OPP:POWER OFFICE,KURNOOL  
ROAD, POST:ONGOLE. PRAKASAM  
(ONGOLE H.Q.) ANDHRA  
PRADESH  
Phone:8008529202  
FAX :

Owner : K.SWAMI REDDY  
DOOR NO:5-367,A.S.R.STREET  
OPP:POWER OFFICE,KURNOOL  
ROAD ONGOLE DIST. PRAKASAM.  
PRAKASAM (ONGOLE H.Q.)  
ANDHRA PRADESH  
Phone: 8008529202  
FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	21-MAY-09
Plan/Scheme of Mining	:	MP review under 17(1) MCR 2016	22-FEB-18

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No Proposal for the year 2020-21	NIL	
1b	Exploration over lease area for geological axis 1 or 2	No Proposal for the year 2020-21	Except Four shallow pits, no other exploration has been carried out.	
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 for the year 2020-21	The entire mineralised area to be explored. The proposal was made in the mining plan document.	
1e	Balance reserve as on 01/04/20	As per the last approved document, the reserves are 11,927 tonnes	As per the last approved document, the reserves are 11,927 tonnes	
1f	General remarks of inspecting officers on geology, exploration etc	No approved proposals exists for the exploration in the year 2020-21	The ML area forms a part of Pre cambrian terrain of Eastern ghat horizon consisting of Khondalite suit of formations and which hosts the Manganese mineralisation.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No approved proposals for the year 2020-21	No active dumps exists as the mining activity yet to commence.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No approved proposals for the year 2020-21	No benches were formed as the mining activity yet to commence.	

2c	Stripping ratio or ore to OB ratio	No approved proposals for the year 2020-21	NIL	
2d	Quantity of topsoil generation in m3	No approved proposals for the year 2020-21	NIL	
2e	Quantity of overburden generation in m3	No approved proposal for the year 2020-21	NIL	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No approved proposal for the year 2020-21	The pit is yet to be developed.	Mining operations have not been commenced for want of EC

#### Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	No approved proposal for the year 2020-21	There are 4 trial pits with a dimension of 6 x 6 m each .	Mining operations have not been commenced for want of EC
3b	Quantity of ROM mineral production proposed	No approved proposal for the year 2020-21	NIL	
3c	Recovery of sailable/usable mineral from ROM production	No approved proposal for the year 2020-21	NIL	In the last approved document approved for the year 2017-18 to 2018-19, the recovery % of Mn ore furnished to be 72 % and Subgrade 4%
3d	Quantity of mineral reject generation	No approved proposal for the year 2020-21	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	No approved proposal for the year 2020-21	The mine is under non operation for want of EC	

3f	Quantity of sub grade mineral generation.	No approved proposal for the year 2020-21	NIL
3g	Grade of sub grade mineral generation	No approved proposal for the year 2020-21	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	No approved proposal for the year 2020-21	NIL
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No approved proposal for the year 2020-21	NIL
3j	Provision of drilling and blasting in mineral benches	No approved proposal for the year 2020-21	NIL
3k	Provision of mining machineries in mineral benches	No approved proposal for the year 2020-21	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No approved proposal for the year 2020-21	NIL
3m	Total area covered under excavation/pits	No approved proposal for the year 2020-21	0.012 ha
3n	Ore to OB ratio for the pit/mine during the year.	No approved proposal for the year 2020-21	NIL
3o	Total area put in use under different heads at the end of year	No approved proposal for the year 2020-21	0.012 ha

3p	Production of ROM mineral during the last five year period as applicable	2016-17-- NIL, 2017-18--1965 t, 2018-19-- 6615 t, 2019-20--NIL, 2020-21--NIL	2016-17-- NIL, 2017-18-- NIL, 2018-19--NIL, 2019-20--NIL, 2020-21--NIL	
3q	General remarks of inspecting officers on method of mining etc.	Open cast manual method of mining	Mining operations have not been started for want of EC	The mining lease was recommended for Revocation U/R 27(5) of MCR,1960 on 20.4.2015. In this regard, the lessee has submitted a copy of the letter received from DMG, Govt.of A.P directed the lessee to start mining operations within 6 months from the date of issue of the letter dated 24.12.2021.

#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No approved proposal for the year 2020-21	Mining operations are yet to be commenced. Hence there is no generation of soil/waste/mineral reject.	Mining operations are yet to be commenced.
4b	Location of topsoil, OB and mineral reject dumps	No approved proposal for the year 2020-21	NIL	Mining operations are yet to be commenced
4c	Number of dumps within lease area and outside of lease area	No approved proposal for the year 2020-21	No active dumps are existing within and outside of lease area.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No approved proposal for the year 2020-21	Not Applicable	Mining operations are yet to be commenced.

4e	Number of active and alive dumps.	No approved proposal for the year 2020-21	NIL	
4f	Number of dead dumps.	No approved proposal for the year 2020-21	There are 3 dead dumps existing.	Scrutiny Comment has been given to the lessee to make proposal in the ensuing document to rehandle the dead dumps for extending the pit
4g	Number of dumps established.	No approved proposal for the year 2020-21	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	No approved proposal for the year 2020-21	NIL	
4i	Length of Retaining wall or garland drain all along dumps	No approved proposal for the year 2020-21	NIL	
4j	Number of settling ponds	No approved proposal for the year 2020-21	NIL	
4k	Specific comments of inspecting officer on waste dump management	No approved proposal for the year 2020-21	NIL	There are no active dumps in the lease area, hence management of waste dump does not arise

#### 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.	No approved proposal for the year 2020-21	The mine is not in operation since inception for want of EC. Hence no extraction of the mineral is done and back filling does not arise at this stage.	

5b	Area under backfilling of mined out area	No approved proposal for the year 2020-21	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No approved proposal for the year 2020-21	NIL
5d	Total area fully reclaimed and rehabilitated	No approved proposal for the year 2020-21	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No approved proposal for the year 2020-21	The mine is not in operation for want of EC. Hence reclamation does not arise at this stage.

#### 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).	No approved proposal for the year 2020-21	The mine is not in operation for want of EC since inception.	
6b	Area available for rehabilitation (ha) .	No approved proposal for the year 2020-21	NIL	
6c	afforestation done (ha).	No approved proposal for the year 2020-21	NIL	
6d	No. of saplings planted during the year	No approved proposal for the year 2020-21	NIL	
6e	Cumulative no .of plants	No approved proposal for the year 2020-21	NIL	



6f	Any other method of rehabilitation	No approved proposal for the year 2020-21	NIL
6g	Cost incurred on watch and care during the year	No approved proposal for the year 2020-21	NIL
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No approved proposal for the year 2020-21	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No approved proposal for the year 2020-21	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No approved proposal for the year 2020-21	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No approved proposal for the year 2020-21	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No approved proposal for the year 2020-21	NIL
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No approved proposal for the year 2020-21	NIL

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No approved proposal for the year 2020-21	NIL	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No approved proposal for the year 2020-21	NIL	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No approved proposal for the year 2020-21	NIL	The mine is not in operation for want of EC since inception.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No approved proposal of PMCP for the year 2020-21	NIL	The mine is not in operation for want of EC since inception. Hence compliance of PMCP does not arise at this stage.

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No approved proposal of PMCP for the year 2020-21	NIL	No production is done in the mine since inception.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No approved proposal of PMCP for the year 2020-21	NIL	
7c	Different grade of mineral sorted out at mines.	No approved proposal of PMCP for the year 2020-21	NIL	
7d	Any beneficiation process at mines .	No approved proposal of PMCP for the year 2020-21	No beneficiation plant/process is set up at the mines.	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No approved valid document exists for the year 2020-21	NIL	The mine is not in operation for want of EC since inception.
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**Environment:**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal for the year 2020-21	NIL	The mining lease was recommended for Revocation U/R 27(5) of MCR,1960 on 20.4.2015. In this regard, the lessee has submitted a copy of the letter received from DMG, Govt.of A.P directed the lessee to start mining operations within 6 months from the date of issue of the letter dated 24.12.2021.
8b	Concurrent use or storage of topsoil	No Proposal for the year 2020-21	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal for the year 2020-21	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal for the year 2020-21	NIL	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal for the year 2020-21	NIL
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No Proposal for the year 2020-21	NIL
8g	Survival rate	No Proposal for the year 2020-21	NIL
8h	Water sprinkling on roads to control airborne dust	No Proposal for the year 2020-21	NIL

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Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly Returns to be submitted on or before 10 th of every month in respect of preceeding month Annual Return to be submitted before 1 July of each year for the preceeding financial year.	As the mining operations have not been commenced since inception for want of EC, the lessee has not submitted the monthly and Annual Returns. On the advise of this office, the lessee has submitted Annual Returns for the last five years and monthly returns for the last two years with NIL Production.	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	To be furnished	No information is furnished as the mining operations were not commenced.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	To be furnished	NIL	
9d	Scrutiny of Annual return on afforestation	To be furnished	NIL	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	To be furnished	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	To be furnished	NIL	The mining operations have not been commenced for want of EC
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	To be furnished	NIL	The mining operations have not been commenced for want of EC
9h	Scrutiny of Annual return on fixed assets	To be furnished	NIL	
9k	Scrutiny of Annual return on mining machineries	To be furnished	NIL	The mining operations have not been commenced for want of EC

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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 : 17.3.2022

*Ch. Suseela*  
(Ch. Suseela)

Indian Bureau of Mines