

**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-137/HYD

Mine code : 40APR20086

- (i) Name of the Inspecting : **PR09**) **M.Pratap.Reddy**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : ANJI REDDY REPRESENTATIVE
Official with
Designation
- (iv) Date of Inspection : 28/12/2017
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **ANJU (9.35 HA)**
- (b) **Registration NO.** :
- (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 :
Phone :
- (f) Police Station : SALURU
- (g) First opening date : 24/08/2010
- (h) Weekly day of rest : SUN
2. Address for : DOOR NO:5-367, A.S.R. STREET,
correspondance : 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 : 23/12/2029
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:
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:
FAX :

6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No approved proposals exists for the year 2016-17.	-	
1b	Exploration over lease area for geological axis 1 or 2	No approved proposals exists for the year 2016-17.	Except a Trench and four shallow pits, no other/sizeable exploration has been carried out.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No approved proposals with regards to exploration agencies exists for the year 2016-17.	-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No approved proposals exists for the year 2016-17.	The entire mineralised area need to be explored and in approved document, the proposals have been given.	
1e	Balance reserve as on 01/04/20	No approved reserve estimation exists for the year 2016-17.	However, the document approved vide lr.no.AP/VZNR/MP/Mn-96/Hyd dated, the reserve stands at 11,926 T	
1f	General remarks of inspecting officers on geology, exploration etc	No approved proposals exists for the exploration in the year 2016-17.	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 exists for the year 2016-17.	There exists no dump as fulpledged mining activity is yet to commence.	

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No approved proposals exists for the year 2016-17.	The benches in the mine are yet to formed.
2c	Stripping ratio or ore to OB ratio	No approved proposals exists for the year 2016-17.	-
2d	Quantity of topsoil generation in m3	No approved proposals exists for the year 2016-17.	Nil.
2e	Quantity of overburden generation in m3	No approved proposals exists for the year 2016-17.	Nil.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No approved proposals exists for the year 2016-17.	The pits/benches are yet to be developed.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No approved valid document exists for the year 2016-17.	There exists a Trench in the mine and active production is yet to commence.	
3b	Quantity of ROM mineral production proposed	No approved valid document exists for the year 2016-17.	Nil.	
3c	Recovery of sailable/usable mineral from ROM production	No approved valid document exists for the year 2016-17.	-	However in the approved document for the year 2017-18 & 2018-19 the recovery % furnished to be 72%
3d	Quantity of mineral reject generation	No approved valid document exists for the year 2016-17.	Nil.	
3e	Grade of mineral rejects generation and threshold value declared.	No approved valid document exists for the year 2016-17.	The mine under non operation on account of non submission of Scheme of Mining and want of EC since 24.3.2014	

3f	Quantity of sub grade mineral generation.	No approved valid document exists for the year 2016-17.	Nil.
3g	Grade of sub grade mineral generation	No approved valid document exists for the year 2016-17.	There exists no sub grade mineral.
3h	Manual / Mechanised method adopted for segregating from ROM	No approved valid document exists for the year 2016-17.	-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No approved valid document exists for the year 2016-17.	None.
3j	Provision of drilling and blasting in mineral benches	No approved valid document exists for the year 2016-17.	-
3k	Provision of mining machineries in mineral benches	No approved valid document exists for the year 2016-17.	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No approved valid document exists for the year 2016-17.	So far no benches have been formed.
3m	Total area covered under excavation/pits	No approved valid document exists for the year 2016-17.	0.012 ha
3n	Ore to OB ratio for the pit/mine during the year.	No approved valid document exists for the year 2016-17.	-
3o	Total area put in use under different heads at the end of year	No approved valid document exists for the year 2016-17.	0.012 ha
3p	Production of ROM mineral during the last five year period as applicable	2012-13=5616 T, 2013-14=6156 T, 2014-15 to 2016-17= No approved proposals	2012-13=1109 T, 2013-14 to 2016-17= Nil production.

3q	General remarks of inspecting officers on method of mining etc.	Open cast manual method of mining	No fulfilled mining so has been done.	In the year 2012-13 a meagre quantity about 1109 T has been produced. Thereafter, the mining operations in mine were suspended on account of non submission of Scheme of Mining and also for want Environmental clearance no mining has been carried out.
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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)	No approved valid document exists for the year 2016-17.	Full pledged mining operations are yet to commence and thus there is no generation soil/waste material/mineral reject.	
4b	Location of topsoil, OB and mineral reject dumps	No approved valid document exists for the year 2016-17..	-	
4c	Number of dumps within lease area and outside of lease area	No approved valid document exists for the year 2016-17.	There are no dumps exists either with in ML/out side ML.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No approved valid document exists for the year 2016-17.	-	
4e	Number of active and alive dumps.	No approved valid document exists for the year 2016-17.	Nil.	
4f	Number of dead dumps.	No approved valid document exists for the year 2016-17.	Nil	
4g	Number of dumps established.	No approved valid document exists for the year 2016-17.	Nil.	

4h	Whether Retaining wall or garland drain all along dumps are there.	No approved valid document exists for the year 2016-17.	None.
4i	Length of Retaining wall or garland drain all along dumps	No approved valid document exists for the year 2016-17.	None exists.
4j	Number of settling ponds	No approved valid document exists for the year 2016-17.	Nil.
4k	Specific comments of inspecting officer on waste dump management	No approved valid document exists for the year 2016-17.	There exists no dumps and thus management of waste dumps 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 valid document exists for the year 2016-17.	The mine is not in operation since inception for want of EC and valid Scheme of Mining and no extraction of the mineral is done and backfiling at this stage does not arise.	
5b	Area under backfilling of mined out area	No approved valid document exists for the year 2016-17.	Nil.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No approved valid document exists for the year 2016-17.	-	
5d	Total area fully reclaimed and rehabilitated	No approved valid document exists for the year 2016-17.	Nil.	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No approved valid document exists for the year 2016-17.	The mine/pit is in the initial stage and backfilling/reclamation at this stage does not arise.	

Progressive Mine Clousre Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	No approved valid document exists for the year 2016-17.	The mine is non operative since March 2014.	
6b	Area available for rehabilitation (ha) .	No approved valid document exists for the year 2016-17.	Nil.	
6c	afforestation done (ha).	No approved valid document exists for the year 2016-17.	No afforestation is done as the mine is non operative since March 2014.	
6d	No. of saplings planted during the year	No approved valid document exists for the year 2016-17.	Nil	
6e	Cumulative no .of plants	No approved valid document exists for the block year 2014-15 to 2018-19.	Nil	
6f	Any other method of rehabilitation	No approved valid document exists for the year 2016-17.	None.	
6g	Cost incurred on watch and care during the year	No approved valid document exists for the year 2016-17.	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No approved valid document exists for the year 2016-17.	-	The mine/pit is not yet mature for back filling and reclamation as the mineral is yet to exhaust.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No approved valid document exists for the year 2016-17.	-	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No approved valid document exists for the year 2016-17.	-	

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No approved valid document exists for the year 2016-17.	-	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No approved valid document exists for the year 2016-17.	-	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No approved valid document exists for the year 2016-17.	-	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No approved valid document exists for the year 2016-17.	-	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No approved valid document exists for the year 2016-17.	-	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No approved valid document exists for the year 2016-17.	-	The mine is not in operation and no environmental monitoring is done.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No valid proposals of PMCP t exists for the year 2016-17.	-	The oprations in the mine have not yet reached progressive closure operations.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No approved valid document exists for the year 2016-17.	-	No production is done in the mine since 2013-14 to till date.

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No approved valid document exists for the year 2016-17.	-
7c	Different grade of mineral sorted out at mines.	No approved valid document exists for the year 2016-17.	-
7d	Any beneficiation process at mines .	No approved valid document exists for the year 2016-17.	No beneficiation Plant/process is set up.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No approved valid document exists for the year 2016-17.	The mine is almost in non operation since inception and active production stage is yet to reach.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No approved valid document exists for the year 2016-17.	-	The mine is under suspension since 24.3.2014.
8b	Concurrent use or storage of topsoil	No approved valid document exists for the year 2016-17.	-	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No approved valid document exists for the year 2016-17.	-	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No approved valid document exists for the year 2016-17.	-	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No approved valid document exists for the year 2016-17.	-	The mine/pits have not yet matured for any sort of reclamation and rehabilitation.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No approved valid document exists for the year 2016-17.	-	
8g	Survival rate	No approved valid document exists for the year 2016-17.	-	
8h	Water sprinkling on roads to control airborne dust	No approved valid document exists for the year 2016-17.	-	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No approved valid document exists for the year 2016-17.	No aesthetic beauty prevails in and around the ML area.	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR shal be submitted before 10th of every month in respect of preceding month. AR which shall be submitted before 1st July each year for the preceding Financial Year.	-	The mining operations in the mine were suspended on 24.3.2014 on account of non submiision of Scheme of Mining.

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	To be furnished.	No information is furnished since the mine is under closure.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	To be furnished.	Furnished.
9d	Scrutiny of Annual return on afforestation	To be furnished.	Furnished to be nil.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	To be furnished.	Furnished to be nil.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	To be furnished.	Furnished to be nil.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	To be furnished.	No information if furnished since the mine is under non operation.
9k	Scrutiny of Annual return on mining machineries	To be furnished.	Furnished to be nil.

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 :

(M.Pratap.Reddy)

Indian Bureau of Mines