

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/VSK/SPS-8/HYD

Mine code : 74APR19015

- (i) Name of the Inspecting : **PR09**) **M.Pratap.Reddy**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : SATYA RAO GEOLOGIST
Official with
Designation
- (iv) Date of Inspection : 18/01/2019
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **PAPPUSETTIPALEM(7.204 HA)**
- (b) **Registration NO.** : **IBM/9302/2012**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : VISAKHAPATNAM
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail : ramanapalla@gmail.com
Phone : 9866632269
- (f) Police Station : Golugonda
- (g) First opening date : 01/12/2009
- (h) Weekly day of rest : SUN
2. Address for : S/O SURYANARAYANA,KOTA VEEDHI,
correspondance VILL & MANDAL:CHOUDAVARAM,
DIST:VISAKHAPATNAM.
3. (a) Lease Number : APR3509
- (b) Lease area : 7.2
- (c) Period of lease : 20
- (d) Date of Expiry : 02/12/2029
4. Mineral worked : TOURMALINE Main

5. Name and Address of the

Lessee : B.SRINIVASA RAO
S/O SURYANARAYANA, KOTA
VEEDHI, CHODAVARAM,
VISAKHAPATNAM DIST.
VISAKHAPATNAM ANDHRA
PRADESH
Phone:9866632269
FAX :

Owner : B.SRINIVASA RAO
S/O SURYANARAYANA, KOTA
VEEDHI, CHODAVARAM,
VISAKHAPATNAM DIST.
VISAKHAPATNAM ANDHRA
PRADESH
Phone: 9866632269
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 16/04/2008
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Seven DTH holes have been proposed.	Instead of exploration by means of DTH holes, the lessee has dug 12 Trial pits.	
1b	Exploration over lease area for geological axis 1 or 2	G2 Scale of exploration.	The exploration so far done by means of Trial pits is confined to float area which is of G2 scale of exploration. In pegmatite body, no exploration has been undertaken.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Lessee himself under the supervision of Mines Manager.	The exploration has been carried out under the supervision of Qualified person. The expenditure incurred is Rs.64,800/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	About 4.50 ha	About 5.0 ha	
1e	Balance reserve as on 01/04/20	97.074 kg	235.394	The targetted production has not been achieved due to natural calamities and suspension of mining operations w.e.f May,2013.
1f	General remarks of inspecting officers on geology, exploration etc	The deposit pertains to partly Type-III and IV of Minerals (Evidence of Mineral Contents) Rules, 2015 with G2 scale of exploration.	Mineralisation is partly Type-III and Type-IV of Minerals (Evidence of Mineral Contents) Rules, 2015. In float area the exploration by means of Trial pits is completed and falls in G2 category and where as in Type-III i.e insitu Pegmatite, no exploration has been done.	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	No approved proposals exists for the year 2017-18.	-	The Mining Operations were suspended on 14.5.2013 on account of non submission of Returns and non submission of Scheme of Mining for the block period 2014-15 to 2018-19.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No approved proposals exists for the year 2017-18.	-	
2c	Stripping ratio or ore to OB ratio	No approved proposals exists for the year 2017-18.	-	
2d	Quantity of topsoil generation in m3	No approved proposals exists for the year 2017-18.	-	
2e	Quantity of overburden generation in m3	No approved proposals exists for the year 2017-18.	-	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No approved proposals exists for the year 2017-18.		Except Trial pits, no development has been done as the mine is under suspension w.e.f. 14.5.2013.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No valid proposals exists for the year 2017-18.	-	The mining operations have been suspended on 14.5.2013 on account non submission of Scheme of Mining and Monthly returns/Annual returns. The last approved document was valid up to 2013-14.

3b	Quantity of ROM mineral production proposed	No valid proposals exists for the year 2017-18.	Nil.
3c	Recovery of sailable/usable mineral from ROM production	No valid proposals exists for the year 2017-18.	-
3d	Quantity of mineral reject generation	No valid proposals exists for the year 2017-18.	nil.
3e	Grade of mineral rejects generation and threshold value declared.	No valid proposals exists for the year 2017-18.	-
3f	Quantity of sub grade mineral generation.	No valid proposals exists for the year 2017-18.	-
3g	Grade of sub grade mineral generation	No valid proposals exists for the year 2017-18.	-
3h	Manual / Mechanised method adopted for segregating from ROM	No valid proposals exists for the year 2017-18.	-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No valid proposals exists for the year 2017-18.	-
3j	Provision of drilling and blasting in mineral benches	No valid proposals exists for the year 2017-18.	-
3k	Provision of mining machineries in mineral benches	No valid proposals exists for the year 2017-18.	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No valid proposals exists for the year 2017-18.	-

3m	Total area covered under excavation/pits	No valid proposals exists for the year 2017-18.	The degraded area so far in the ML area is 0.545 ha.
3n	Ore to OB ratio for the pit/mine during the year.	No valid proposals exists for the year 2017-18.	-
3o	Total area put in use under different heads at the end of year	No valid proposals exists for the year 2017-18.	-
3p	Production of ROM mineral during the last five year period as applicable	No valid proposals exists for the years 2014-15 to 2018-19.	No production is done in the Plan period. -
3q	General remarks of inspecting officers on method of mining etc.	No valid proposals for the method of mining exists for the years 2014-15 to 2018-19.	No mining activity except exploration by means of Trial pits is done for the period 2014-15 to 2018-19.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No valid proposals exists for the year 2017-18.	-	
4b	Location of topsoil, OB and mineral reject dumps	No valid proposals exists for the year 2017-18.	No top soil and OB dumps exists in the ML area.	
4c	Number of dumps within lease area and outside of lease area	No valid proposals exists for the year 2017-18.	Nil.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No valid proposals exists for the year 2017-18.	-	
4e	Number of active and alive dumps.	No valid proposals exists for the year 2017-18.	Nil.	

4f	Number of dead dumps.	No valid proposals exists for the year 2017-18.	Nil.
4g	Number of dumps established.	No valid proposals exists for the year 2017-18.	Nil.
4h	Whether Retaining wall or garland drain all along dumps are there.	No valid proposals exists for the year 2017-18.	None.
4i	Length of Retaining wall or garland drain all along dumps	No valid proposals exists for the year 2017-18.	None.
4j	Number of settling ponds	No valid proposals exists for the year 2017-18.	Nil
4k	Specific comments of inspecting officer on waste dump management	There are no valid approved proposals for waste dump management exists.	No waste material is generated during the Plan period as no mining is carried out

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 valid proposals exists for the year 2017-18.	-	Mine working areas have not yet been matured for back filling.
5b	Area under backfilling of mined out area	No valid proposals exists for the year 2017-18.	Nil.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No valid proposals exists for the year 2017-18.	-	
5d	Total area fully reclaimed and rehabilitated	No valid proposals exists for the year 2017-18.	-	

5e	General remarks of inspecting officers on backfilling and reclamation etc.	No valid proposals for back filling and reclamation exists.	-	The pits that exists are not yet matured for backfilling and reclamation
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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).	No valid proposals exists for the year 2017-18.	-	
6b	Area available for rehabilitation (ha) .	No valid proposals exists for the year 2017-18.	Nil.	
6c	afforestation done (ha).	No valid proposals exists for the year 2017-18.	Nil.	
6d	No. of saplings planted during the year	No valid proposals exists for the year 2017-18.	Nil	
6e	Cumulative no .of plants	No valid proposals exists..	Nil.	
6f	Any other method of rehabilitation	No valid proposals exists for the year 2017-18.	None.	
6g	Cost incurred on watch and care during the year	No valid proposals exists for the year 2017-18.	Nil.	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No valid proposals exists for the year 2017-18.	-	

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No valid proposals exists for the year 2017-18.	-
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No valid proposals exists for the year 2017-18.	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No valid proposals exists for the year 2017-18.	-
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No valid proposals exists for the year 2017-18.	-
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No valid proposals exists for the year 2017-18.	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No valid proposals exists for the year 2017-18.	Nil.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No valid proposals exists for the year 2017-18.	None.
6p	Compliance of environmental monitoring (core zone and buffer zone)	No valid proposals exists for the year 2017-18.	-

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No valid approved proposals of progressive closure operations in the plan period exists.	The mineral is yet to exhaust and at this stage the progressive closure operations does not arise.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No approved proposals exists for the year 2017-18.	No dispatches are done.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No approved proposals exists for the year 2017-18.	-	
7c	Different grade of mineral sorted out at mines.	No approved proposals exists for the year 2017-18.	-	
7d	Any beneficiation process at mines .	No approved proposals exists for the year 2017-18.	-	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No valid approved proposals for the Plan period 2014-15 to 2018-19	The mine is under non operation since May 2013.	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No approved proposals exists for the year 2017-18.	-	
8b	Concurrent use or storage of topsoil	No approved proposals exists for the year 2017-18.	-	

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No approved proposals exists for the year 2017-18.	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No approved proposals exists for the year 2017-18.	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No approved proposals exists for the year 2017-18.	No land in the ML area is matured for restoration and rehablitation.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No approved proposals exists for the year 2017-18.	Thorny bushes exists in the ML area.No additional plantation has been done.
8g	Survival rate	No approved proposals exists for the year 2017-18.	-
8h	Water sprinkling on roads to control airborne dust	No approved proposals exists for the year 2017-18.	The mine is under non operation since May, 2013.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No approved proposals exists for improving aestitic beauty for the year 2014-15 to 2018-19.	The ML area is spread with thorny bushes and shrubs and this ads greenary to the ML area.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Monthly return shall be submitted before the 10th of every month in respect of preceding month. and annual return which shall be submitted before the 1st July each year for the preceding Financial year.	The mine is under suspension since May, 2013 for non submission of Annual and Monthly returns & Scheme of mining. No Annual and Monthly returns for the year 2017-18 too.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	To be furnished.	No information is furnished. However, during the inspection, the lessee's Geologist accompanied.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	To be furnished.	-
9d	Scrutiny of Annual return on afforestation	To be furnished.	-
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	To be furnished.	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	To be furnished.	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	To be furnished.	-
9h	Scrutiny of Annual return on fixed assets	To be furnished.	-
9k	Scrutiny of Annual return on mining machineries	To be furnished.	-

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