

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/ANP/L,ST-11/HYD

Mine code : 38APR02016

- (i) Name of the Inspecting Officer and ID No. : 25) SHRI IBRAHIM SARIF
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine Official with Designation :
- (iv) Date of Inspection : 11/01/2020
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : PEDEKKADUR (S.N.41)
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : ANDHRA PRADESH
- District : ANANTAPUR
- Village : PEDEKALUR
- Taluka : TADIPATRI
- Post office : PEDEKALUR
- Pin Code :
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** :
- (g) **First opening date** : 01/01/1985
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : P.SRINIVASULU, RAYALACHERUVU (PO) - 515455
ANATAPUR DISTRICT ANDHRAPRADESH
3. (a) **Lease Number** : APR3431
- (b) **Lease area** : 7.03
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 06/12/2018
4. **Mineral worked** : CLAY (OTHERS) Associated
LIMESTONE Main
SERPENTINE Associated
DOLOMITE Associated

5. Name and Address of the

Lessee : P.SRINIVASULU
 RAYALACHERUVU, R.S, (P.O)
 YADIKI (MANDAL) ANANTAPUR
 ANDHRA PRADESH
 Phone:08558-77501
 FAX :

Owner : P.SRINIVASULU
 S/O.LATE.P.SUBBAIAH
 RAYALACHERUVU (PO)
 ANANTAPUR ANDHRA PRADESH
 Phone:
 FAX :

Mining Engineer

Name : G.SRINIVASULU, Full Time
 Qualification : DIPLOMA IN MINING ENGINEERING
 Appointment/ : 15/03/2003
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	02/11/1999
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	08/07/2005
		Mining Scheme rule 12 MCDR1988	03/03/2012
		Mining Scheme rule 12 MCDR1988	14/06/2013
		MP modif under 17(3) MCR 2016	05/01/2017

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	03 DTH bore holes in 2016-17	Nil	4 DTH drilled not considered as the logs of bore holes were not maintained for verification
1b	Exploration over lease area for geological axis 1 or 2	No proposal	Nil	2018-19
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal	Nil	Lessee
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserve as on 01/04/20		Mineable reserves : 46093 211- 47.62 Million Tonnes 331 - 18.05 Million Tonnes 333 - 71.45 Million Tonnes	

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

Lease area is explored by 4 DTH bore holes during the year 2016-17 with meterage of 92.5 mts in G1 scale. But not considered as the same could not be verified in the field.

The Mining lease area is a mound type of hillock in which Dolomite of about 4 to 5 meters is overlying over White shale, Stetite, Serpentine and Limestone. Dolomite is hard compare to White Shale/ Serpentine/ Limestone in the lease area and formation is of stratified and the beds are dipping towards South-East.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal	Nil	RMP was due and Mine was suspended by IBM on 18.08.2017
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No Proposal	Nil	
2c	Stripping ratio or ore to OB ratio	No Proposal	Nil	
2d	Quantity of topsoil generation in m3	No Proposal	Nil	
2e	Quantity of overburden generation in m3	No Proposal	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		One Pit measuring about 220 m (L) X30m (W) X 22m (D) is observed in the lease area. Six small dumps are there in the lease.	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal	Nil	One pit is developed in the lease area
3b	Quantity of ROM mineral production proposed	No proposal	Nil	2018-19
3c	Recovery of sailable/usable mineral from ROM production	No proposal	Nil	
3d	Quantity of mineral reject generation	No proposal	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	
3f	Quantity of sub grade mineral generation.	No Proposal	Nil	
3g	Grade of sub grade mineral generation	NA	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	Nil	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Nil	Crusher plant is found established in the lease area.
3j	Provision of drilling and blasting in mineral benches	No proposal	Nil	
3k	Provision of mining machineries in mineral benches	No proposal	Nil	

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal	Nil	The bench maintained at present 3 to 4 meters.
3m	Total area covered under excavation/pits	No proposal	Nil	So far 1.421 Ha area is covered under excavation
3n	Ore to OB ratio for the pit/mine during the year.	Nil	Nil	
3o	Total area put in use under different heads at the end of year	No proposal	Nil	Area under Mining: 1.421 Ha, Waste dump : 1.208 Ha, Roads : 0.01 Ha.
3q	General remarks of inspecting officers on method of mining etc.		Opencast manual method of opencast mining was practiced. However now lessee intends to change method to Other than fully mechanized mining by deploying machines.	

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal	Nil	No mining operations were observed as mine was suspended by IBM on 18.08.2017
4b	Location of topsoil, OB and mineral reject dumps	No Proposal	Nil	
4c	Number of dumps within lease area and outside of lease area	No proposal	Nil	6 dumps are observed within lease area of varying size
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	Nil	Dumps are found outside UPL
4e	Number of active and alive dumps.	No Proposal	No dumps are active due to suspension of mining operations at present	
4f	Number of dead dumps.	No Proposal	Nil	All the dumps are inactive and no dump is declared dead so far

4g	Number of dumps established.	No proposal	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	Nil	
4i	Length of Retaining wall or garland drain all along dumps	NA	NA	
4j	Number of settling ponds	No proposal to develop settling pond	Nil	Water is found accumulated at pit bottom
4k	Specific comments of inspecting officer on waste dump management		Mine was not in operation during inspection. However there exist 6 dumps in the lease area, no impact to the surrounding area is anticipated.	

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 proposal	Nil	
5b	Area under backfilling of mined out area	No proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	Nil	
5d	Total area fully reclaimed and rehabilitated	No proposal	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		Backfilling is being carried out on western side of the lease area to create safety zone to the public road passing nearby the lease area	

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).	To be submitted regularly	Not submitted, as no activity is carried out due to suspension of Mining Operation	
6b	Area available for rehabilitation (ha) .	No proposal	Nil	No area matured for reclamation
6c	afforestation done (ha).	Not applicabl	NA	So far 350 sapplings have been planted.
6d	No. of saplings planted during the year	No proposal	Nil	
6e	Cumulative no .of plants	No proposal	Nil	350 sapplings so far
6f	Any other method of rehabilitation		Backfilling is carried out on Western side of the lease area to create safety zone to the Public road exist nearby the lease. No other area is matured for backfilling.	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	No proposal	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	Nil	

6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Regular monitoring is to be carried out		Category- B mines, hence monitoring not carried out
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		Backfilling was carried out on Western side of the lease area to create safety zone to the Public road exist nearby the lease. No other area is matured for backfilling.	

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	Nil	2018-19, as reported by lessee in the draft document submitted for approval
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	Nil	
7c	Different grade of mineral sorted out at mines.	No proposal	NA	
7d	Any beneficiation process at mines .	No proposal	Nil	Crusher is established in the lease area, during inspection it was not in operation
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Mine was not in operation during inspection and also mine was suspended by IBM on 18.08.2017	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	Nil	2018-19
8b	Concurrent use or storage of topsoil	No proposal	Not applicable at present	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	Nil	6 no. of dumps are observed
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	On south-western side of lease area waste is being utilised for backfilling.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Not applicable at present	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal	Nil	so far 350 sapplings were planted
8h	Water sprinkling on roads to control airborne dust	No proposal	Nil	Mine was not in operation during inspection and also mine was suspended by IBM on 18.08.2017
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Plantation has been carried out to improve aesthithic beauty	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Returns to be submitted regularly	Annual return for the year 2018-19 has not submitted through ononline	Mine was suspended by IBM
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NA	NA	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA	NA	
9d	Scrutiny of Annual return on afforestation	NA	NA	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA	NA	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	NA	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NA	NA	
9h	Scrutiny of Annual return on fixed assets	NA	NA	
9k	Scrutiny of Annual return on mining machineries	NA	NA	

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 :

(SHRI IBRAHIM SARIF)

Indian Bureau of Mines