

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/RR/LST-5/HYD

Mine code : 38APR23004

- (i) Name of the Inspecting : **25**) **SHRI IBRAHIM SARIF**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : SRI VeeraRaghavulu,RQP,KANAKABABU MANAGER (GEOLOGY)
Official with
Designation
- (iv) Date of Inspection : 26/10/2017
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **OGIPUR(221.92 HA)**
- (b) **Registration NO.** : **IBM/8166/2011**
- (c) **Category** : **A Fully Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **TELANGANA**
- District : **RANGAREDDY**
- Village : **OGIPUR**
- Taluka : **TANDUR**
- Post office : **TANDUR**
- Pin Code : **501158**
- FAX No. : **(040)44565145,44565222,4456**
- E-mail : **tandurpennagmail.com**
- Phone :
- (f) **Police Station** :
- (g) **First opening date** : **15/03/2010**
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **705,SRINIKETAN COLONY,ROAD NO.3,
BANJARA HILLS,
HYDERABAD**
3. (a) **Lease Number** : **APR3076**
- (b) **Lease area** : **221.92**
- (c) **Period of lease** : **30**
- (d) **Date of Expiry** : **27/08/2038**
4. **Mineral worked** : **LIMESTONE** **Main**

5. Name and Address of the

Lessee : M/S PENNA LIMESTONE QUARRIES LIMITED
 PLOTNO,703,SRINIKETAN
 COLONY ROAD NO,3
 ,BANJARA HILLS HYDERABAD
 HYDERABAD TELANGANA
 Phone:(040)23353945, 23353950, 23353952
 FAX :040-23353951

Owner : M/S.PENNA LIMSTONE QUARRIES LIMITED
 PLOTNO.703,SRINIKETAN
 COLONY, ROAD NO.3, BANJARA
 HILLS HYDERABAD HYDERABAD
 TELANGANA
 Phone: (040)23353945,
 FAX : 040-23353951,

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	15/10/2007
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	01/08/2012
	:	Mining Scheme rule 12 MCDR1988	07/08/2014

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for geological axis 1 or 2	Complete area to be explored as per the statute and approved SOM	221.92 Ha, complied	
1d	Balance area to be explored to bring Geological axis in 1 or 2		Entire area has been explored	
1e	Balance reserve as on 01/04/20		137.48 million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc		Lease area has been explored completely	

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	North Eastern side of the lease area	North Eastern side of the lease area	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	Yes it is observed separate top soil and working benches have been maintained	
2c	Stripping ratio or ore to OB ratio	Nil	Nil	
2d	Quantity of topsoil generation in m3	84938	36000	
2e	Quantity of overburden generation in m3	Nil	Nil	

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
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3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	2016-17 : 2302460	2016-17 : 887410	In MT
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	No proposal	Nil	
3f	Quantity of sub grade mineral generation.	No proposal	Nil	
3j	Provision of drilling and blasting in mineral benches	Deep hole drilling and Blasting	Deep hole drilling and Blasting	
3k	Provision of mining machineries in mineral benches	Excavator : 6.0 cum - 2 nos Dumper : 50 tonnes - 5 nos Drilling machine : 150 mm dia	Excavator : 6.0 cum - 2 nos Dumper : 50 tonnes - 5 nos Drilling machine : 150 mm dia	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench height of 9 meters is proposed	Yes, bench height is suitable for method of mining	
3m	Total area covered under excavation/pits	56.55 Ha	53 Ha	
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	Area for excavation : 56.55, Storage for top soil : 7.23 Infrastructure , road : 3.10 Green belt : 10.72 Others : 0.06	Area for excavation : 53.5, Storage for top soil : 7.23 Infrastructure, road : 3.10 Green belt : 10.72 Others : 0.06	

3p	Production of ROM mineral during the last five year period as applicable	2012-13 : 2250050 2013-14 : 2302140, 2014-15 : 2301900, 2015-16 : 2301937, 2016-17 : 232460, 2017-18 : 2302040	2012-13 : 1034600, 2013-14 : 1006900, 2014-15 : 873250, 2015-16 : 847700, 2016-17 : 887410,
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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)	Yes	Yes seperate top soil is found dumped	
4b	Location of topsoil, OB and mineral reject dumps	Northern side of the lease area	Northern side of the lease area	
4c	Number of dumps within lease area and outside of lease area	One i.e. Top soil dump	One i.e. Top soil dump	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	Outside UPL	
4e	Number of active and alive dumps.	One	One	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	One	One	
4h	Whether Retaining wall or garland drain all along dumps are there.	Garland drain is to be established	Garland drain made all along top soil dump	
4j	Number of settling ponds	One	One	

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No proposal	No area matured for backfilling
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Yes	Part of the top soil generated is being utilised for green belt development.
5d	Total area fully reclaimed and rehabilitated	Nil	Nil

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 yearly	Report submitted	
6b	Area available for rehabilitation (ha) .	Nil	Nil	
6c	afforestation done (ha).	2000	7500	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Quarterly monitoring is to be carried out	monitoring is to be carried out on quarterly basis	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Mineral produced is to be dispatch	Entire ore produced is being dispatched	

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanised sorting within leaseal area is proposed	Mechanised method of sorting is being carried pit
7d	Any beneficiation process at mines	No	No

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes on North Eastern side of the lease	As per proposal	
8b	Concurrent use or storage of topsoil	USE and storage of top spol is proposed	Top soil is being utilised as per the requirement and remaining is being stacked	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Not applicable	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No such thick plantation is observed in and around lease area	About 25000 sapplings were planted within lease area	
8g	Survival rate	80	80	In percentage
8h	Water sprinkling on roads to control airborne dust	Water tanker is to be deployed to suppress the dust generated due to mining activity	Water tanker is found deployed for dust suppression	

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 have to be submitted regularly as per the statute	Returns for the year 2016-17 and returns up to December 2017
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Agent Mr.Reddy Nagaraju 1. Manager C.Venkata Ramanaiah 2. Mining Engineer in charge Mr.Ujjanappa 3. Geologist in charge Mr.M.Kanaka Babu	the above persons are appointed
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(i) Covered under current (O/C) Workings : 24.850 (ii) Occupied by plant, buildings, residential, welfare buildings & roads : 3.11 (iii) Other Purpose (B.C soil dump) : 7.230 (iv) Work done under progressive mine closure plan during the year : 15.900	(i) Covered under current (O/C) Workings : 24.850 (ii) Occupied by plant, buildings, residential, welfare buildings & roads : 3.11 (iii) Other Purpose (B.C soil dump) : 7.230 (iv) Work done under progressive mine closure plan during the year : 15.900
9d	Scrutiny of Annual return on afforestation	7500	7500
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil stock	No stock observed in the mine
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Rs 160	Rs. 160

9k Scrutiny of BACK HOE : BACK HOE : 5.90 CUM - 1
Annual return on 5.90 CUM - 1 DUMPER : 50.00 TONNE- 5
mining DUMPER : 50.00 BLAST HOST DRILL 150.0
machineries TONNE- 5 MM-
BLAST HOST
DRILL 150.0
MM- 1
DOZER 350.000
HP 1

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