

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

Review and updation of Mining Plan REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-112/HYD

Mine code : 38APR11013

- (i) Name of the Inspecting : **25**) **SHRI IBRAHIM SARIF**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : SRI G S SAINATH, SR VICE PRESIDENT
Official with
Designation
- (iv) Date of Inspection : 28/09/2017
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KANDIKAYAPALLI (43.72 AC)**
- (b) **Registration NO.** :
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : KURNOOL
Village : KANDIKAYAPALLI
Taluka : NANDYAL
Post office : CEMENT NAGAR
Pin Code : 518206
FAX No. : (08516)274644
E-mail : Panyamcement@Gmail.com
Phone : (08516)274644, (08514)-2:
- (f) Police Station : PANYAM
- (g) First opening date : 06/11/1985
- (h) Weekly day of rest : SUN
2. Address for : C I INDUSTRIAL ESTATE,BOMMALA SATRAM
correspondance : NANDYALA(PO)-518502,KURNOOL DI8ST
ANDHRAPRADESH
3. (a) Lease Number : APR1478
- (b) Lease area : 17.69
- (c) Period of lease : 20
- (d) Date of Expiry : 04/11/2005
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : M/S PANYAM MINERALS & INDUSTRIES LTD
KURNOOL ANDHRA PRADESH
Phone:
FAX :

Owner : S.SREEDHER REDDY
C I INDUSTRIAL
ESTATE, BOMMALASATRAM
NANDYALA, KURNOOL DIST
ANDHRAPRADESH KURNOOL
ANDHRA PRADESH
Phone: 08514-222274
FAX : 08514-243106

Agent : SRI G.S. SAINATH
PANYAM CEMENTS , CEMENT
NAGAR KURNOOL DISTRICT
ANDHRAPRADESH KURNOOL
ANDHRA PRADESH
Phone: 9949911411, 9440890504
FAX : (08516) 274644

6. Date of approval of Mining Plan/Scheme of Mining : Renewal under rule 24 MCR1960 30/07/2008

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	6 Bore holes	15 bore holes completed	
1b	Exploration over lease area for geological axis 1 or 2	No Proposal	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No Proposal	Entire lease area has been under exploitation by pits but for depth wise continuity exploration is required to be done	
1e	Balance reserve as on 01/04/20	No Proposal	111- 6.15 Million tonnes (insitue) 111- 1.83 Million tonnes (insitue) (Mineral dump)	
1f	General remarks of inspecting officers on geology, exploration etc	.	Entire lease area has been under exploitation by pits but for depth wise continuity exploration is required to be done	

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal	Mining is being carried out in Hillock-5	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal	Yes seperate benches in OB mineral reject	
2c	Stripping ratio or ore to OB ratio	No proposal	1 : 0	
2e	Quantity of overburden generation in m3	No proposal	Nil	

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
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3a	Number of pit proposed for production	No proposal	Working is being carried out in one pit
3b	Quantity of ROM mineral production proposed	No proposal	177910.00 MT
3c	Recovery of sailable/usable mineral from ROM production	No proposal	Reported 100%
3d	Quantity of mineral reject generation	No proposal	Nil
3f	Quantity of sub grade mineral generation.	No proposal	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	Mehanised method is being carried out
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal	Deep hole drilling & Blasting is being practiced
3k	Provision of mining machineries in mineral benches	No proposal	Type of Capacity of No.of machinery each unit units BACK HOE 1.700 CUM 2 BACK HOE 0.900 CUM 2 TIPPER 8.000 CUM 5 AIR COMPRESSOR 450.000 CUM/MN 1 BLAST HOLE DRILL 110.000 MM 1 EXPLOSIVE VAN 3.000 TONNE 1 WATER TANKER 5000.000 LITRE 1 CRUSHER 150.000 T/H 1 CRUSHER 400.000 T/H 1 TIPPER 14.000 CUM 5

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal	10 m height, Yes the bench height is suitable for exploitation
3m	Total area covered under excavation/pits	No proposal	Entire lease area has been utilised for mining and allied activities.
3p	Production of ROM mineral during the last five year period as applicable	2012-13- 407550 2013-14- Lapse period 2014-15- Lapse period 2015-16- Lapse period 2016-17 - Lapse period	2012-13- 124695 2013-14- 20655 2014-15- 58480 2015-16- 188150 2016-17 - 177910

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	Mineral reject is found in the lease area but the generation of the same from which year is not reported as this is old mines	
4b	Location of topsoil, OB and mineral reject dumps	NO proposal	Within old pits	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	Within UPL	
4e	Number of active and alive dumps.	No proposal	No waste dumps available in the lease	
4j	Number of settling ponds	No proposal	old pits serve as settling ponds	
4k	Specific comments of inspecting officer on waste dump management		Substantial quantity of mineral reject is being stacked in the old pits. This can be utilised by blending with high grade ore	

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	No area matured for backfilling	
5d	Total area fully reclaimed and rehabilitated	No proposal	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 as per statute	Submitted	
6d	No. of saplings planted during the year	No proposal	100	
6p	Compliance of environmental monitoring (core zone and buffer zone)		MOitoring is being arried out regularly	

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	Sorting is being observed in the lease area	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	Mechanised	
7d	Any beneficiation process at mines	No proposal	Only dry crushing and screening	

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NO proposal	Nil	
8b	Concurrent use or storage of topsoil		No top soil generated	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	Mineral reject stack observed but quantity and quality was not established. The same was pointed out in the scrutiny but yet to be complied	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	No area has been exhausted so far, hence no backfilling followed by restoration of land is applicable for this mine.	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)		No plantation in the year 2016-17, but so far about 500 plantation was reported to be planted in the lease area	
8g	Survival rate	No proposal	about 65%	
8h	Water sprinkling on roads to control airborne dust	No proposal	Water sprinkling was being carried out to suppress the dust generated in the haul road.	

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	To be submitted regularly	Regularly submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer in charge Geologist in charge -	Mining Engineer in charge : Shri Charan Geologist in charge - Not employed	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(i) Already exploited & abandoned by opencast (O/C) mining 0 (ii) Covered under current (O/C) Workings 13. (iii) Reclaimed/Rehabilitated 0 (iv) Used for waste disposal roads 0.88 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0.88 (vi) Other Purpose (0) (vii) Work done under progressive mine closure plan during the year 2.4 0	(i) Already exploited & abandoned by opencast (O/C) mining 0 (ii) Covered under current (O/C) Workings 13. (iii) Reclaimed/Rehabilitated 0 (iv) Used for waste disposal 0.88 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0 (vi) Other Purpose (0) 2.4 (vii) Work done under progressive mine closure plan during the year 0
9d	Scrutiny of Annual return on afforestation	Nil	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Nil

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Rs. 205, CAptive consumption	Rs. 205, CAptive consumption
9k	Scrutiny of Annual return on mining machineries	Type of Capacity of No.of machinery each unit units	Type of Capacity of No.of machinery each unit units
		BACK HOE 1.700 CUM 2	BACK HOE 1.700 CUM 2
		BACK HOE 0.900 CUM 2	BACK HOE 0.900 CUM 2
		TIPPER	TIPPER
		8.000 CUM 5	8.000 CUM 5
		BACK HOE 0.900 CUM 2	AIR COMPRESSOR 450.000 CUM/MN 1
		TIPPER	BLAST HOLE DRILL 110.000 MM 1
		8.000 CUM 5	EXPLOSIVE VAN 3.000 TONNE 1
		AIR COMPRESSOR 450.000 CUM/MN 1	WATER TANKER 5000.000 LITRE 1
		BLAST HOLE DRILL 110.000 MM 1	CRUSHER 150.000 T/H 1
		EXPLOSIVE VAN 3.000 TONNE 1	CRUSHER 400.000 T/H 1
		WATER TANKER 5000.000 LITRE 1	TIPPER 14.000 CUM 5
		CRUSHER	
		150.000 T/H 1	
		CRUSHER	
		400.000 T/H 1	
		TIPPER	
		14.000 CUM 5	

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