

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

Mining Plan Modification REPORT

Hyderabad regional office

Mine file No : AP/NLG/LST-10/HYD

Mine code : 38APR14009

- (i) Name of the Inspecting : **M015**) **MANISH K. MAINDIRATTA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : **SRI JWVANESWAR REDDY MINES MANAGER,V.VENKATESH GEOLOG**
Official with
Designation
- (iv) Date of Inspection : 06/10/2017
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **SRISANKARA**
- (b) **Registration NO.** : **IBM/6499/2011**
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : **TELANGANA**
District : **NALGONDA**
Village : **MELLACHERUVU**
Taluka : **MELLACHERUVU**
Post office : **MELLACHERUVU**
Pin Code : **508246**
FAX No. : **91-40-23076543**
E-mail : **keerthi.mines2014@gmail.com**
Phone : **040-23076543,23076539**
- (f) Police Station : **MELLACHERUVU**
- (g) First opening date : **26/04/1986**
- (h) Weekly day of rest : **SUN**
2. Address for : **MELLACHERUVU VILLAGE & MANDAL**
correspondance : **NALGONDA DISTRICT**
A.P
3. (a) Lease Number : **APR0098**
- (b) Lease area : **141.7**
- (c) Period of lease : **20**
- (d) Date of Expiry : **23/04/2006**
4. Mineral worked : **LIMESTONE** Main

5. Name and Address of the

Lessee : KEERTHI INDUSTRIES LTD
 PLOT.NO.40, IDA ,BALANAGAR
 HYDERABAD TELANGANA
 Phone:040-23076538,23076539
 FAX :040-23076543

Owner : J.SESHAGIRI RAO
 M/S. KEERTHI INDUSRIES
 LTD., PLOT NO. 40, IDA,
 BALANAGAR HYDERABAD-37
 HYDERABAD TELANGANA
 Phone: 040-23076538
 FAX : 040-23076543

Agent : M DAYANAND
 M/S. KEERTHI INDUSTRIES
 LTD. MELLACHERUVU (V) & (M)
 NALGONDA DIST. KRISHNA
 ANDHRA PRADESH
 Phone: 08683 226034
 FAX : 08683 226039

Manager

Name : S.RAVI KUMAR
 Qualification : DIP.IN MIN. PERMIT MANAGER
 Appointment/ : 01/08/2010
 Termination date

Manager

Name : R.JAYAPRABHU
 Qualification : DIPLOMA IN MINING ENGINEERING
 Appointment/ : 08/10/2003
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	15/09/2003
Plan/Scheme of Mining		Renewal under rule 24 MCR1960	11/10/2007
		Modif.of approved Mining Plan	09/12/2010
		Mining Scheme rule 12 MCDR1988	16/10/2012

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	7 BORE HOLES	Against a proposal of , Lessee has under taken 15 bore holes in the last scme period
1b	Exploration over lease area for geological axis 1 or 2	NIL	NIL	G1 39.37HECT,G2 23.94 HECT, G4 45.06 HECT
1c	Exploration Agencies and Expenditure in lakh rupees during the year		J P CORE DRILLING	About 4.0 lacs
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	54.22HECT	-
1e	Balance reserve as on 01/04/20	--	80.55-2.63+77.92 Million tonnes	-
1f	General remarks of inspecting officers on geology, exploration etc		Reserves are being reassessed in the approved MINI9NG PLAN	NIL

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	-A	Wwith in the lease area as certified and provided by DMG Telangana	nil
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NIL	No top soil/overburden	NIL
2c	Stripping ratio or ore to OB ratio	NIL	NO O.B	NIL

2d	Quantity of topsoil generation in m3	125308	NIL	The topsoil generation was anticipated from pit no 3, which was not opened. However, no top soil was reportedly generated from the movement of pit no 1
2e	Quantity of overburden generation in m3	NA	NA	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NIL	NIL	NIL

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	2	2	
3b	Quantity of ROM mineral production proposed	2016-17=821259 TONNES	2016-17=502548 TONNES, 2017-18 (UPTO SEPT 2017) 0=326460 TONNES)	
3c	Recovery of sailable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	
3f	Quantity of sub grade mineral generation.	NA	NA	
3g	Grade of sub grade mineral generation	NA	NA	

3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NA	
3j	Provision of drilling and blasting in mineral benches	Deep hole DRILLING &BLASTING,.ril l machine115m.m. dia with dust suppression arrangement.ex plosive 83mm slurry with ANFO some times site mixed explosives	Practicxed as per the proposals	
3k	Provision of mining machinerics in mineral benches	Shovel 2.5 cubicmeters tipper combination	2.1 cubic metyers tipper 25 .0tcombination	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	YES	YES	7 -8.0MHEIGHT
3m	Total area covered under excavation/pits	-	2016-17= About39.06 hect till 31.08.2017	
3n	Ore to OB ratio for the pit/mine during the year.	NIL	NO O.B	
3o	Total area put in use under different heads at the end of year	-	42.0 HECT(Approx)	

3p	Production of ROM mineral during the last five year period as applicable	2012-13=698603T,2013-14=760335T,2014-15=769680,T,2015-16=785041T,2016-17=821259T	2012-13=441971T,2013-14=453480T,2014-15=526843,T,2015-16=705670T,2016-17=502548T	
3q	General remarks of inspecting officers on method of mining etc.	NIL	NIL	NIL

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NIL	NIL	NIL
4b	Location of topsoil, OB and mineral reject dumps	NIL	NIL	NIL
4c	Number of dumps within lease area and outside of lease area	NIL	NIL	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	NIL	NIL
4e	Number of active and alive dumps.	NIL	NIL	NIL
4f	Number of dead dumps.	NIL	NIL	NIL
4g	Number of dumps established.	NIL	NIL	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	NIL	NIL	NIL
4i	Length of Retaining wall or garland drain all along dumps	NIL	NIL	NIL
4j	Number of settling ponds	NIL	NIL	NIL

4k	Specific comments of inspecting officer on waste dump management	NIL	NIL	NIL
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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.	-	-	Area is not matured for backfilling
5b	Area under backfilling of mined out area	NIL	NIL	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	PROPOSED	NOT APPLICABLE	
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NIL	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).		NOT SUBMITTED	Lessee is advised to submit the report
6b	Area available for rehabilitation (ha) .	NA	NOT	NOT MATURED
6c	afforestation done (ha).			NOT MATURED FOR THE PURPOSE

6d	No. of saplings planted during the year	NOT APPLICABLE
6e	Cumulative no .of plants	BUFFER ZONE DATA NOT COLLECTED
6f	Any other method of rehabilitation	PLANTATION HAS BEEN DONE IN SE CORNER ALONG THE BOUNDARY PILLAR NO .12,13,14 =705 NO.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area		Not being done	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.		simultaneous blending done while lifting the matereal	
7c	Different grade of mineral sorted out at mines.		Not applicable	
7d	Any beneficiation process at mines		NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NIL	NIL	NIL

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)		Not applicable	

8b	Concurrent use or storage of topsoil		No generation however proposal is there to concurrently use whenever available/recoverable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)		Not applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use		Not applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)		Not applicable	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	2016-17=500(0.5ohect t)	Cumulative area under plantation 2.71 hect 2000 plants are surviving	
8g	Survival rate		50%	
8h	Water sprinkling on roads to control airborne dust		practiced	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	NIL	NIL	NIL

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	UPTO AUGUST 2017, MONTHLY RETURNS , ANNUAL RETURN For the financial Year 1st April 2016 to 31st March 2017 received from the lessee	Found in order	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Sri N. Prakash Minig engineer ,incharge , Ch Prasad,Geologist	Sri N. Prakash Minig engineer, New Geologist has been appointed now.	NIL
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	under o/c working 39.06 hect Infrastructure , road etc 2.5 ha.	No major deviation.	Found as per submission
9d	Scrutiny of Annual return on afforestation	(i) Number of trees planted during the year within lease 705 with 65% survival (ii)Number of trees planted during the year outside lease 605 with 62% survival	Undertaken	Steps may be taken to increase plantation and Survival rate in bufferzone plantataion.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No mineral rejects were generated	NIL	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	O/stock- 199307 Mt, Prod- 502548 MT, C/stock 93916 Mt	-----	

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	production cost 170.09 Rs PMT	--	--
9h	Scrutiny of Annual return on fixed assets			
9k	Scrutiny of Annual return on mining machineries	SHOVEL (HYDRAULIC) 1.200 CUM	SHOVEL (HYDRAULIC) 1.200 CUM Non Electrical Opencast	1
		Non Electrical	SHOVEL (HYDRAULIC) 1.000 CUM	1
		Opencast	Non Electrical SHOVEL (HYDRAULIC) 1.000 CUM	Opencast 1
		1	Non Electrical Opencast	
		Non Electrical	AIR COMPRESSOR 450.000 CUM/MN	
		Opencast	SHOVEL (HYDRAULIC) 0.900 CUM	1
		1		
		Non Electrical		
		Opencast	AIR COMPRESSOR 450.000 CUM/MN	

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed		Show couse position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

Date :

(MANISH K. MAINDIRATTA)

Indian Bureau of Mines