

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/KNL/FE-63/HYD

Mine code : 30APR11028

- (i) Name of the Inspecting : **AP03**) **A.Prabhakar Rao**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : SRI M.NAGAIHAH GOUD, LESSEE
Official with
Designation
- (iv) Date of Inspection : 27/06/2017
- (v) Prev.inspection date : 12/02/2016

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KOTHAPALLI(13.606 HA)**
- (b) **Registration NO.** : **IBM/457/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : ANDHRA PRADESH
District : KURNOOL
Village :
Taluka :
Post office :
Pin Code :
FAX No. : 08516221884
E-mail : m.nagaiiahgoud@gmail.com
Phone : 9866162884, 08516221884,!
- (f) Police Station : BETHAMCHERLA
- (g) First opening date : 01/04/2004
- (h) Weekly day of rest : SUN
2. Address for : Sri.M.Nagaiiah Goud,H.No.25-53,Upstairs,
correspondance Gooty Road,Kothapeta,Dhone-518 222
3. (a) Lease Number : APR2690
- (b) Lease area : 13.61
- (c) Period of lease : 20
- (d) Date of Expiry : 06/02/2022
4. Mineral worked : DOLOMITE Associated
IRON ORE Main

5. Name and Address of the

Lessee : M.NAGAI AH GOUD
 25/53, UPSTAIRS, GOOTY
 ROAD KOTHAPETA DHONE
 KURNOOL ANDHRA PRADESH
 Phone:9866162884
 FAX :

Owner : M. NAGAI AH GOUD
 H.NO.25-53,UPSTAIRS, GOOTY
 ROAD ,KOTHAPET DHONE
 (PO)&(MANDAL) KURNOOL
 ANDHRA PRADESH
 Phone: 08516221884, 9
 FAX : 08516221884

6. Date of approval of Mining Plan/Scheme of Mining	:	Fresh under rule 22 MCR1960	06/07/2001
		Modif.of approved Mining Plan	30/05/2008
		Modif.of approved Mining Plan	15/01/2013
		Mining Scheme rule 12 MCDR1988	22/08/2014

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposals for the year 2016-2017 were made in the approved Scheme of mining	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
1b	Exploration over lease area for geological axis 1 or 2	G2	G2	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	NIL	-
1d	Balance area to be explored to bring Geological axis in 1 or 2		About 3.13 hectars	NIL
1e	Balance reserve as on 01/04/20	--	17,582 Tonnes (111) 58,970 Tonnes (122)	NIL
1f	General remarks of inspecting officers on geology, exploration etc	NIL	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	NORTH WESTERN SIDE	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	YES	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
2c	Stripping ratio or ore to OB ratio	1:0.79	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
2d	Quantity of topsoil generation in m3	NO PROPOSAL	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
2e	Quantity of overburden generation in m3	NO PROPOSAL	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
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	ONE PIT	ONE PIT	-

3b	Quantity of ROM mineral production proposed	20028 TONNES	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
3c	Recovery of sailable/usable mineral from ROM production	NOT6 SPE4CIFIE4D	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
3d	Quantity of mineral reject generation	17716 TONNES	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	FE=35% to 45%	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
3f	Quantity of sub grade mineral generation.	NIL	NIL	
3g	Grade of sub grade mineral generation	NIL	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NIL	NIL	

3j	Provision of drilling and blasting in mineral benches	YES ,Jack hammer drilling &by blasting by E.D	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
3k	Provision of mining machineries in mineral benches	J.C.B. , EXCAVATORS TIPPERS	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	1.50 METERS	1.50 METERS	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
3m	Total area covered under excavation/pits	3.0 HECT	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
3n	Ore to OB ratio for the pit/mine during the year.	1:0.79	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
3o	Total area put in use under different heads at the end of year	7.0 HECTARS	7.0 HECTARS	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016

3p	Production of ROM mineral during the last five year period as applicable	2010-11-27675 t, 2011-12--28012 t, 2012-13--50293 t, 2013-14--No Proposal, 2014-15--18656 t, 2015-16=20440 t,2016-17=20028 t	2010-11-27775 t, 2011-12--30798 t, 2012-13--27651 t, 2013-14--4630, 2014-15--2591 t, t, 2015-16= 831 t,2016-17=NIL	Due to lack of demand ,Non availability of labour,Rains miningt operations were temporary discontinued in the mine from 01.10.2016
3q	General remarks of inspecting officers on method of mining etc.	NIL	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016

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	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
4b	Location of topsoil, OB and mineral reject dumps	NW Side & South eastern SideN	NORTH WESTERN SIDE	
4c	Number of dumps within lease area and outside of lease area	Two dumps within the lease area	Two dumps within the lease area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NW & SE	NW	
4e	Number of active and alive dumps.	ONE	ONE	
4f	Number of dead dumps.	ONE	ONE	
4g	Number of dumps established.	ONE	ONE	

4h	Whether Retaining wall or garland drain all along dumps are there.	YES	YES	
4i	Length of Retaining wall or garland drain all along dumps	36X1.5XX1.0	36X1.5X1.0	
4j	Number of settling ponds	NIL	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
4k	Specific comments of inspecting officer on waste dump management	NIL	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016

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 PROPOSALS	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
5b	Area under backfilling of mined out area	N.A	N.A	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	N.A	N.A	NIL

5d	Total area fully reclaimed and rehabilitated	N.A	N.A	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
5e	General remarks of inspecting officers on backfilling and reclamation etc.	N.A	N.A	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016

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).	-	SUBMITTED	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
6b	Area available for rehabilitation (ha) .	NIL	NIL	NIL
6c	afforestation done (ha).	0.44 HECT	0.44 HECT	NIDue to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016

6d	No. of saplings planted during the year	440	NUMBERS				
						(a) Within lease area	
						out side the lease area	
						(i) Number of trees planted during the year	
						440	
						50	
6e	Cumulative no .of plants	1760	no.	2000	NO.S		nil
6f	Any other method of rehabilitation	NIL		NIL			
6g	Cost incurred on watch and care during the year	RS	223000	R/S	50000		
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D	NIL		NIL			
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NIL		NIL			
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on on backfilled area	NIL		NIL			
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL		NIL			

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NIL	NIL	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NIL	NIL	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NIL	NIL	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NIL	NIL	
6p	Compliance of environmental monitoring (core zone and buffer zone)	NIL	NIL	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NIL	NIL	NIL

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise soting within the lease area	Grade wise sorting within the lease area is being practiced	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
7c	Different grade of mineral sorted out at mines.	45 to 55% Fe < 45% Fe	45% to 55% Fe	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
7d	Any beneficiation process at mines .	NIL	NIL	Except manual grading no ,other beneficiation process is adopted

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	NOT APPLICABLE	NOT APPLICABLE	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NOT APPLICABLE	NOT APPLICABLE	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NOT APPLICABLE	NOT APPLICABLE	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NO PROPOSAL	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	YES	YES	
8g	Survival rate	75%	70%	
8h	Water sprinkling on roads to control airborne dust	YES	YES	NOTHING TO HIGH LIGHT

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	--	Lessee submitting Monthly& Annual Returns rwgularly	NIL
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Sri Y.R.S Prasad Reddy Mining Engineer, Sri V.Anand kumar Geologist,, Sri B.SivamohanMin es Manager	-	NIL

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Lease area (surface area) Under Outside utilisation as at the end of year Total forest forest (hectares) (i) Already exploited & abandoned by 0.000 0.000 0.000 opencast (O/C) mining (ii) Covered under current (O/C) 0.000 1.200 1.200 Workings (iii) Reclaimed/Rehabilitated 0.000 0.000 0.000 (iv) Used for waste disposal 0.0050	seems to be correct
9d	Scrutiny of Annual return on afforestation	plantation of 440 nos with in the M.L. area , outside M.L. area 50 nos were planted	found correct
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	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NIL	NIL	Due to lack of demand ,Non availability of labour,Rains mining operations were temporary discontinued in the mine from 01.10.2016
9h	Scrutiny of Annual return on fixed assets	NIL	NIL	
9k	Scrutiny of Annual return on mining machineries	NIL	NIL	NIL

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 :

(A.Prabhakar Rao)

Indian Bureau of Mines