

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

MCDR inspection REPORT

Hyderabad regional office

Mine file No : AP/KNL/LST-192-C/HYD

Mine code : 38APR11144

- (i) Name of the Inspecting : PG01) P.GURUVAIAH
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri. P.Bayyapu Reddy, Mg. Partner & K.Nagendra Babu,M
Official with
Designation
- (iv) Date of Inspection : 15/03/2019
- (v) Prev.inspection date : 12/06/2018

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : KOLIMIGUNDLA(4.048 HA)
- (b) **Registration NO.** :
- (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. : -
- E-mail : pbr ssminerals@Gmail.com
- Phone : CELLNO :9440008718
- (f) **Police Station** : KOLIMIGUNDLA
- (g) **First opening date** : 14/08/2002
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : VILL&POST:KOLIMIGUNDLA
MANDAL: KOLIMIGUNDLA
DISTRICT:KURNOOL. ,ANDHRAPRADESH
3. (a) **Lease Number** : APR2828
- (b) **Lease area** : 4.05
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 21/08/2022
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : M/S SRI SAINATH MINERALS
KOLIMIGUNDLA KURNOOL
ANDHRA PRADESH
Phone:
FAX :

Owner : M/SSAINATH MINERALS
VILL &POST:KOLINIGUNDLA
MANDAL:KOLINMIGUNDLA DIST:
KURNOOL KURNOOL ANDHRA
PRADESH
Phone:
FAX :

6. Date of approval of Mining Plan/Scheme of Mining : Modif.of approved Mining Plan 23/04/2013
MP review under 17(1) MCR 2016 16/12/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	3 core bore holes were propopsed.	3 core bore holes completed.	-
1b	Exploration over lease area for geological axis 1 or 2	2 DTH Bore holes during the year 2017-18	2 DTH Bore holes carried out during the year jan.2018.	-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not specified.	-	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	To bring Geological axis 1.	For Geological axis 1.	-
1e	Balance reserve as on 01/04/20	1.73 Mill.Tonnes.	1.637 Mill.Tonnes.	-
1f	General remarks of inspecting officers on geology, exploration etc	It is simple sedimentary bedded deposit .	It is simple sedimentary bedded deposit .	-

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	E192565.34 to 192473.50 N 1669224.070 to 1669230.674	Development work has carried out the same as per proposal.	-
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	One bench in top soil,two benches in ore.	One bench in top soil,two benches in ore.	-
2c	Stripping ratio or ore to OB ratio	1 : 0.02	1 : 0.02	-
2d	Quantity of topsoil generation in m3	No proposal.	Nil	-
2e	Quantity of overburden generation in m3	1361 Cum.		-

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	It is simple sedimentary bedded deposit development is on north east side of the M.L area.	It is simple sedimentary bedded deposit development is on north east side of the M.L area.	-
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one pit	one pit	
3b	Quantity of ROM mineral production proposed	150000 T	152100 T	
3c	Recovery of sailable/usable mineral from ROM production	98 %	90%	
3d	Quantity of mineral reject generation	No proposal.	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	No proposal.	Nil	
3f	Quantity of sub grade mineral generation.	No proposal.	Nil	
3g	Grade of sub grade mineral generation	No proposal.	Nil	
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	

3j	Provision of drilling and blasting in mineral benches	Jack hammer drilling with tractor mounted compressor	Jack hammer drilling with tractor mounted compressor	
3k	Provision of mining machineries in mineral benches	Yes.	Mechineries provided in mineral benches.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes.	3 meters bench height and it is suitable for method of mining.	
3m	Total area covered under excavation/pits	1.973 ha.	2.335 ha	
3n	Ore to OB ratio for the pit/mine during the year.	1 : 0.02	1 : 0.02	
3o	Total area put in use under different heads at the end of year	Area U/R Mining=2.00 ha Building=0.02 ha crushing & screening=0.10 ha	Area U/R Mining=2.00 ha Building=0.02 ha crushing & screening=0.10 ha	
3p	Production of ROM mineral during the last five year period as applicable	2013-14=96,000 T 2014-15=96,000T 2015-16=96,000T 2015-16=96,000T 2016-17=96,000T 2017-18=150000T	2013-14=105830 T 2014-15=79934T 2015-16=93250T 2016-17=104550T 2017-18=152100T	-
3q	General remarks of inspecting officers on method of mining etc.	Open- cast other than fully mechanaised method.	Open- cast other than fully mechanaised method.	

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes.	O.B Dumped in southern side of M.L area.	-
4b	Location of topsoil, OB and mineral reject dumps	Southern side of M.L area.	southern side of M.L area.	-
4c	Number of dumps within lease area and outside of lease area	One dump within in M.L area.	One dump within in M.L area.	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Beyond UPL.	Beyond UPL.	-
4e	Number of active and alive dumps.	One active dump.	One active dump.	-
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Yes.	16 m x 1 m x 1 m retaining wall constucted all along dump.	
4i	Length of Retaining wall or garland drain all along dumps	yes	16 m x 1 m x 1 m retaining wall constucted all along dump.	
4j	Number of settling ponds	No proposal.	Nil	
4k	Specific comments of inspecting officer on waste dump management	One dump	16 m x 1 m x 1 m retaining wall constucted all along dump.	

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.	The area is not matured for back filling.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	The top soil generated is utilised for plantation.	The top soil generated is utilised for plantation.
5d	Total area fully reclaimed and rehabilitated	No proposal.	The area is not matured for reclamation and rehabilitation.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposal.	The area is not matured for back filling.

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).	yes, submitted.	yes, submitted.	-
6b	Area available for rehabilitation (ha) .	No proposal.	Nil	-
6c	afforestation done (ha).	Saftey zone area.	250 no plants planted on Safety zine area.	-
6d	No. of saplings planted during the year	No proposal.	250 no plants planted.	-
6e	Cumulative no .of plants	No proposal.	250 no of plants 60 %with in M.L. 1500 No of plant 75% out side M.L area.	-
6f	Any other method of rehabilitation	No proposal.	Nil	-
6g	Cost incurred on watch and care during the year	Not specified.	Nil	-

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal.	Nil	The area is not matured for back filling.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	Nil	The area is not matured for back filling.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal.	Nil	The area is not matured for back filling.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	Nil	The area is not matured for back filling.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal.	Nil	The area is not matured for back filling.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal.	Nil	The area is not matured for back filling.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal.	Nil	The area is not matured for back filling.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal.	Nil.	The area is not matured for back filling.

6p	Compliance of environmental monitoring (core zone and buffer zone)	Environmental monitoring will be maintained.	Environmental monitoring is being monitored.	Environmental monitoring is being monitored.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Environmental protective measures will be maintained.	Environmental protective measures are being undertaken.	Environmental protective measures are being undertaken.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal.	Total ROM is being despatched.	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal.	Nil	-
7c	Different grade of mineral sorted out at mines.	Not-Applicable.	Not Applicable.	-
7d	Any beneficiation process at mines	No proposal.	Nil	-
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No proposal.	Nil	-

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Separate removal of top soil is proposed.	The generated top soil is temporarily dumped within the lease area and the same is utilised for plantation.	-

8b	Concurrent use or storage of topsoil	The generated top soil is temporarily dumped within the lease area and the same is utilised for plantation.	The generated top soil is temporarily dumped within the lease area and the same is utilised for plantation.	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	Nil	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Nil	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	Nil	-
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Afforestation done along the safety barrier zone.	barior zone.	-
8g	Survival rate	No proposal.	75%.	-
8h	Water sprinkling on roads to control airborne dust	yes.	As proposed Water sprinkling is being done on haul roads.	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Plantation is being done along the safety barrier zone.	Plantation is being done along the safety barrier zone.	-

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	yes submitted.	Monthly and annual returns submitted regularly.	-
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	YES given.	sri K. Nagendra babu, Mines Manger.Raja shekar Reddy,Geologist.	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	yes Given.	yes given.	-
9d	Scrutiny of Annual return on afforestation	250 no of plants onsaftey barior zone . 1500 no plants cum.out sode the M.L .	250 no of plants onsaftey barior zone . 1500 no plants cum.out sode the M.L .	-
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not given	Not given.	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	yes given.	152100 T	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex.mine.price=160/ cost of production=237	Ex.mine.price=160/ cost of production=237.	-
9h	Scrutiny of Annual return on fixed assets	Not given.	Not given.	-
9k	Scrutiny of Annual return on mining machineries	water tanker=1 Tippers=3 Front end loader=2 Rock drill=1 Shovel=1.	water tanker=1 Tippers=3 Front end loader=2 Rock drill=1 Shovel=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 :

(P.GURUVAIAH)

Indian Bureau of Mines