

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

**MCDR inspection REPORT**

**Hyderabad regional office**

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

**Mine code :** 38APR14009

- (i) Name of the Inspecting : **PG01** ) **P.GURUVAIAH**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : **SRI JWVANESWAR REDDY MINES MANAGER,V.VENKATESH GEOLOG**  
Official with  
Designation
- (iv) Date of Inspection : 10/01/2019
- (v) Prev.inspection date : 21/11/2015

**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 : **MELLACHERVU 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
		MP modif under 17(3) MCR 2016	13/11/2017

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal.	Nil	-
1b	Exploration over lease area for geological axis 1 or 2	No proposal.	Nil	-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal.	Nil	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	Geological axis 1	Geological axis 1	-
1e	Balance reserve as on 01/04/20	24.66 Mill Tones.	24.05 Mill.Tones.	-
1f	General remarks of inspecting officers on geology, exploration etc	No exploration proposal.	Nil	During the year 2017-18 there is no exploration proposal.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Pit-1,Pit-2	Pit-1,Pit-2	-
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal.	Nil	There is no top soil,over burden benches benches in the area.
2c	Stripping ratio or ore to OB ratio	No proposal.	Nil	There is no ore to O.B ratio.
2d	Quantity of topsoil generation in m3	No proposal.	Nil	-
2e	Quantity of overburden generation in m3	No proposal.	Nil	There is no O.B generation.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Proposed in pit-1,pit-2	development in Pit-1,Pit-2.	-
----	---	-------------------------	-----------------------------	---

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	2 PITS	2 PITS	-
3b	Quantity of ROM mineral production proposed	7,04,997 Tones.	5,94,636 Tones.	-
3c	Recovery of sailable/usable mineral from ROM production	100 %	The entire ROM is usable.	-
3d	Quantity of mineral reject generation	Not Available.	Nil	There is no mineral rejection generation.
3e	Grade of mineral rejects generation and threshold value declared.	Not available.	Nil	There is no mineral rejection generation.
3f	Quantity of sub grade mineral generation.	Not available.	Nil	There is no sub grade mineral generation.
3g	Grade of sub grade mineral generation	Not available	Nil	There is no sub grade mineral generation.
3h	Manual / Mechanised method adopted for segregating from ROM	Not available.	Nil	There is no segregation of ROM the entire will go to the plant.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not available.	Nil	There is no sub grade mineral generation.
3j	Provision of drilling and blasting in mineral benches	Deep hole drilling &Blasting.	practiesed as per the proposal.	-

3k	Provision of mining machineries in mineral benches	Shovel and Tipper combination.	Practiced as per proposal.	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes.	Yes.	-
3m	Total area covered under excavation/pits	44.528 ha	44.528 ha.	-
3n	Ore to OB ratio for the pit/mine during the year.	No O.B proposal.	Nil	There is no O.B generation.
3o	Total area put in use under different heads at the end of year	47.440 ha	47.440 ha	-
3p	Production of ROM mineral during the last five year period as applicable	2013-14-760335 Tonnes. 2014-15-769680 Tonnes. 2015-16-785041 Tonnes. 2016-17-821259 Tonnes. 2017-18-704997-Tonnes.	2013-14-453480 Tonnes. 2014-15-526843 Tonnes. 2015-16-705670 Tonnes. 2016-17-502548 Tonnes. 2017-18-594636 Tonnes.	-

---

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Not available.	Nil.	There is no separate dumping of top,O.B,mineral reject.
4b	Location of topsoil, OB and mineral reject dumps	Not available.	Nil	There is no separate dumping of top,O.B,mineral reject.
4c	Number of dumps within lease area and outside of lease area	Not available.	Nil	There is no separate dumping of top,O.B,mineral reject.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not available.	Nil	There is no separate dumping of top,O.B,mineral reject.

4e	Number of active and alive dumps.	Not available. Nil	There is no separate dumping of top,O.B,mineral reject.
4f	Number of dead dumps.	Not available. Nil	There is no separate dumping of top,O.B,mineral reject.
4g	Number of dumps established.	Not available. Nil	There is no separate dumping of top,O.B,mineral reject.
4h	Whether Retaining wall or garland drain all along dumps are there.	Not available. Nil	There is no separate dumping of top,O.B,mineral reject.
4i	Length of Retaining wall or garland drain all along dumps	Not available. Nil	There is no separate dumping of top,O.B,mineral reject.
4j	Number of settling ponds	Not available. Nil	-

#### 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	The area is not matured for back filling.
5b	Area under backfilling of mined out area	No proposal.	Nil	The area is not matured for back filling.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal.	Nil	The area is not matured for back filling.
5d	Total area fully reclaimed and rehabilitated	No proposal.	Nil	The area is not matured for back filling.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposal back filling	Nil	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 on time.	-
6b	Area available for rehabilitation (ha) .	No proposal.	Nil	The area is not matured for rehabilitation.
6c	afforestation done (ha).	No proposal.	Nil	The area is not matured for rehabilitation.
6d	No. of saplings planted during the year	No proposal.	Nil	The area is not matured for rehabilitation.
6e	Cumulative no .of plants	No proposal.	Nil	The area is not matured for rehabilitation.
6f	Any other method of rehabilitation	No proposal.	Nil	The area is not matured for rehabilitation.
6g	Cost incurred on watch and care during the year	No proposal.	Nil	The area is not matured for rehabilitation.
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 rehabilitation.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	Nil	The area is not matured for rehabilitation.
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	No proposal.	Nil	The area is not matured for rehabilitation.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	Nil	The area is not matured for rehabilitation.

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal.	Nil	The area is not matured for rehabilitation.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	2,500 no of plants.	605 no of plants in 0.5 ha carried out.	-
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal.	Nil	The area is not matured for rehabilitation.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal.	Nil	The area is not matured for rehabilitation.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Yes	Yes	-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Yes, Submitted	Yes, Submitted.	-

---

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal.	The entire ROM will go to the plant	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal.	Nil	The entire ROM will go to the plant
7c	Different grade of mineral sorted out at mines.	No proposal.	Nil	The entire ROM will go to the plant

---



7d	Any beneficiation process at mines	Not available.	Nil	-
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No proposal.	of Nil beneficiation.	The entire ROM will go to the plant

---

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 available.	Nil	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not available.	Nil	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not available	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)	2500 on of plants	605 no plants.	cumillative within M.L 10205 outside M.L-35005.
8g	Survival rate	Not specified.	50%	-

8h	Water sprinkling on roads to control airborne dust	yes.	yes, as per proposal practised.	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No proposal.	only degraded land rest of the area is not disturbed.	-

---

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	YES.	YES.	-
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Sri.G.Mahendra ,Mining Engineer,Sri V.Venkatesh,Ge ologist, Sri D.Jwannes Reddy,Mines Manager.	Sri.G.Mahendra,Mining Engineer,Sri V.Venkatesh,Geologist, Sri D.Jwannes Reddy,Mines Manager.	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not available.	Not given.	-
9d	Scrutiny of Annual return on afforestation	During the year 605 no of plants within the M.L area. 2000 no of plants out side the M.L area.	During the year 605 no of plants within the M.L area. 2000 no of plants out side the M.L area.	-
9k	Scrutiny of Annual return on mining machineries	Shovel-3,Tippers-7, Air compressors-1, Blast hole drill-1 Rock drill-1 Water Tanker-1.	Shovel-3,Tippers-7, Air compressors-1, Blast hole drill-1 Rock drill-1 Water Tanker-1.	-

---

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 :

(P.GURUVAIAH)

Indian Bureau of Mines