

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

MCDR INSPECTION REPORT

Hyderabad regional office

Mine file No : AP/VSK/SPS-5/HYD

Mine code : 74APR19012

- (i) Name of the Inspecting : **RK13**) **A.V.Ramesh Kumar**
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Sri G Venkateswara Rao, Lessee
Official with
Designation
- (iv) Date of Inspection : 17/07/2016
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **JAMAVARAM(9.696 HA)**
- (b) **Registration NO.** : **IBM/9620/2012**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : ANDHRA PRADESH
District : VISAKHAPATNAM
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail :
Phone : 08932-224576
- (f) Police Station : JAMMAVARAM
- (g) First opening date : 14/12/2004
- (h) Weekly day of rest : SUN
2. Address for : S/O CHENCHU RAMAIAH, D.NO:1-67,
correspondance CHITTIMOJU VARI VEEDHI, P.B.PALLI (V&PO),
NARASIPATNAM(M), VISAKHAPATNAM DIST.
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : SEMI-PRECIOUS STONE Associated
TOURMALINE Main

5. Name and Address of the

Lessee : K.VENKATESWARA RAO
H.NO.2-12/1, GAREEBPET
MANDAL: KOTHAGUDEM, DIST:
KHAMMAM KHAMMAM TELANGANA
Phone:
FAX :

Owner : G.VENKATESWARA RAO
S/O CHENCHU RAMAIAH D.NO:1-
67,CHITTIMOJUUVARI VEEDHI,
P.B.PALLI (VILL&PO), VISAKHAP
ATNAM. VISAKHAPATNAM ANDHRA
PRADESH
Phone:
FAX :

6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal as these are no valid proposals	No exploration was carried out during the year	The mine was issued order of suspension of mining operations during the 2013.No mining operations were observed during the inspection
1b	Exploration over lease area for geological axis 1 or 2	None	None	None
1c	Exploration Agencies and Expenditure in lakh rupees during the year	None	None	None
1d	Balance area to be explored to bring Geological axis in 1 or 2	None	8 ha	None
1e	Balance reserve as on 01/04/20	None	The reserves as on 1.4.2016 are 600 kgs	None
1f	General remarks of inspecting officers on geology, exploration etc	None	None	None

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	None	None.The mine is under suspension	None
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	None	One bench in OB	None
2c	Stripping ratio or ore to OB ratio	None	None	None
2d	Quantity of topsoil generation in m3	None	None	None

2e	Quantity of overburden generation in m3	None	None	None
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	None	None	None

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	None	There are three pits noticed during the inspection	None
3b	Quantity of ROM mineral production proposed	None	None	The mine was issued order of suspension on 15.5.2013
3c	Recovery of sailable/usable mineral from ROM production	None	None	None
3d	Quantity of mineral reject generation	None	None	None
3e	Grade of mineral rejects generation and threshold value declared.	None	None	None
3g	Grade of sub grade mineral generation	None	None	None
3h	Manual / Mechanised method adopted for segregating from ROM	Manual method	Manual method of mining	None
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	None	None	None
3j	Provision of drilling and blasting in mineral benches	None	None	None

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	None	None	None
3m	Total area covered under excavation/pits	None	.80ha	None
3o	Total area put in use under different heads at the end of year	None	0.80 ha	None
3p	Production of ROM mineral during the last five year period as applicable	None	None	None
3q	General remarks of inspecting officers on method of mining etc.	None	None	None

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	None	None	None
4b	Location of topsoil, OB and mineral reject dumps	None	None	None
4c	Number of dumps within lease area and outside of lease area	None	None	None
4e	Number of active and alive dumps.	None	None	None
4g	Number of dumps established.	None	None	None
4j	Number of settling ponds	None	None	None
4k	Specific comments of inspecting officer on waste dump management	None	None	None

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.	None	The mine not yet matured for reclamation	None
5b	Area under backfilling of mined out area	None	None	None
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	None	None	None
5d	Total area fully reclaimed and rehabilitated	None	None	None
5e	General remarks of inspecting officers on backfilling and reclamation etc.	None	None	None

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).	None	None	The mine has been issued order of suspension on 15.5.2013
6b	Area available for rehabilitation (ha) .	None	None	None
6c	afforestation done (ha).	None	None	None
6d	No. of saplings planted during the year	None	None	None
6e	Cumulative no .of plants	None	The vegetation in lease area is moderate.	None

6f	Any other method of rehabilitation	None	None	None
6g	Cost incurred on watch and care during the year	None	None	None
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D	none	None	None
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	None	None	None
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	None	None	None
6p	Compliance of environmental monitoring (core zone and buffer zone)	None	None	None

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	None	None	None
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	None	None	None
7c	Different grade of mineral sorted out at mines.	None	None	None

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	None	None	None
----	--	------	------	------

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	None	None	The mine was issued order of suspension of mining operations on 13.5.2016.
8b	Concurrent use or storage of topsoil	None	None	None
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	None	None	None
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	None	None	None
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	None	None	None
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	None	None	None
8g	Survival rate	None	None	None

8h	Water sprinkling on roads to control airborne dust	None	None	None
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	None	None	None

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	The lessee has not submitted any monthly or Annual returns	The lessee has not submitted any monthly or Annual returns	The mine is under suspension vide this office letter dated 15.05.2013,
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	None	None	None
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	None	None	None
9d	Scrutiny of Annual return on afforestation	None	None	None
9f	Scrutiny of Annual return on ROM stock and/or graded ore	None	None	None
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	None	None	None
9h	Scrutiny of Annual return on fixed assets	None	None	None
9k	Scrutiny of Annual return on mining machineries	None	None	None

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.V.Ramesh Kumar)

Indian Bureau of Mines