

TMIS DATABASE FOR MCDR INSPECTION (MANUAL)

1(i)	Mine File No.	AP/NLR/MC-39
(ii)	Mine Code No.	41 APR 15102
(iii)	Date of Inspection	31.05.2016
(iv)	Name of Mine	Chamundeswari Mica, Quartz, Feldspar & Vermiculite Mine
(v)	Name of the lessee with address	M/s Venkata Krishna Mining Company, 15/177, Nehru Nagar GUDURU-524 101 SPSR Nellore District
(vi)	Name of owner with address & Phone	M.M. Narayanamma, Mg. Partner Utukuru (V &P), Sydapuram (M)SPSR Nellore District PIN 524 407.
(vii)	Lease area in Ha.	72.367Ha
(viii)	Date of execution	16.08.2003 (4 th renewal execution)
(ix)	Expiry date	15.08.2023
(x)	Date of first opening	Not available
(xi)	Earlier two dates of inspection	(i) 04.06.2008 (ii) 19.04.2007
(xii)	Name & designation of the Inspecting officer with ID No.	D.P.Ravikumar, AMG
(xiii)	Name & Designation of mine Official accompanying	Shri B.Murali, Mines Manager
(xiv)	Mine address	
	State	Andhra Pradesh
	District	Nellore
	Village	Utukur
	Mandal	Sydapuram
	Post Office	Utukur
	Police Station	Sydapuram
	Pin code	-
	Fax	-
	E-mail	-
(xv)	Type of Mine (OC,UG,BOTH) Working/Non-Working	OC- Working (Presently three pits were fully water logged due to heavy rains)
(xvi)	Weekly day of rest	Sunday
(xvii)	Date of AMP/SMP	Scheme of Mining approved on 08.12.2005

2. LAND DETAILS (WITHIN LEASE AREA)

Code	FOREST	Area (Ha)
33	Total Forest	0
1	Reserve Forest	0
2	Protected forest	0
3	Forest unclassified	0
4	Forest sanctuary	0
5	Forest national park	0
6	Forest mineralised	0
7	Forest non-mineralised	0
19	Degraded land by pit	0
20	Degraded land by dump	0
23	Degraded land by road	0
25	Degraded land by plant, Building, Town	0
31	Land acquired	0

Code	FOREST	Area (Ha)
34	Total Non-Forest	72.367
8	Private land	-
9	Agricultural irrigated land	-
10	Agricultural non-irrigated land	-
12	Govt.grazing land	-
13	Govt.waste alnd	72.367
14	Govt. other land	-
15	Mineralised	50.00
16	Non-mineralised land	22.367
21	Degraded land by pit	0.42
22	Degraded land by dump	--
24	Degraded land by road	0.5
26	Degraded land by plant, Building, Town	0.1
32	Land acquired	72.367

3. MINERAL

Main Mineral(s)	Associated Mineral(s)	Captive Use (Yes/No)	End Product	Non captive use		Remarks
				Domestic (Yes/No)	Export (Y/N)	
Mica	Feldspar & Quartz & Vermiculite	No	-	Yes	Yes	-

4. MINING ENGINEER/GEOLOGIST DATA (APPOINTED UNDER RULE-42 OF MCDR, 1988) AND MINES MANAGER (appointed under MMR, 1961)

Status	Name	Designation	Educational Qualification	Date of Appointment	Address
Agent	-	-	-	-	-
Mining Engineer/ Geologist	-	-	-	-	-
Manager	-	-	-	-	-

5. EXPLORATION

a) Exploration carried out as on 1.4.16

No.of boreholes	0	No .of pits	0	No. of trenches	0
Grid interval(m)	0	--		--	
Max. depth(m)	0	Max. depth(m)	0	Max. Length(m)	0
Min. depth(m)	0	Min. depth(m)	0	Min. Length(m)	0
Total meterage	0	Total meterage	0	Total Length(m)	0

6. EXTENT OF OPEN-PIT DEVELOPMENT

Pit No.	Pit Size	No of OB Bench	Ht. of Bench (m)	No. of Benches In ore	Hei- Ght (m)	Width (m)	Pit Depth (m)	Top RL (m)	Bottom RL (m)	Overall Pit slope
1	80x60x20	02	3.5	1	5	10	10	102	92	70°
2	30x20x20	02	3.5	1	5	10	10	102	92	70°
3	30x20x20	02	3.5	1	5	10	20	102	82	80°

7. REHABILITATION OF QUARRIES

Quarry / Open pit

Year	Area Broken (Hect.)	Area Recla imed	Area Matured For recla- mation	% of recla mation	Area Rehabilitated			Total Area Rehabilita- ted
					BF	WR	OM	
1) Cumulative as on 1.4.2016	0.46	NIL	NIL	NIL	NIL	NIL	NIL	NIL
2) During the previous year	-	NIL	NIL	NIL	NIL	NIL	NIL	NIL
3) Cumm. As on date of inspection on	0.42	NIL	NIL	NIL	NIL	NIL	NIL	NIL

BF= Back filled; WR = Water reservoir; OM = other means; Remarks = Under remarks give post mining land use of the area reclaimed.

8. CHARACTERISTICS OF WASTE DUMP AND TOP SOIL DUMP

A) OB Dump =2 A) Area : 0.20 B) Height=2.0 C) Capacity cu. m= 4000
 B) Topsoil dump =Nil A) Quantity generated 0 B) Used 0

9. OVERBURDEN AND WASTE GENERATED

OB Removal

Year	OB removed In previous Year(cu.m)	Cumulative O.B Removed till end of Previous year (cu.m)	Ore: OB ratio Previous year (Total –cum)	Whether Dumping on Mineralized Ground(Y/N)	Remark, if Dumped on Mineralized Ground
2015-16	-	-	-	No	-

10. PRODUCTION & RESERVE

a) Reserve as on 1.4.2016

Name of Mineral	Proved		Probable		Possible		Total	
	Qty.(t)	Grade	Qty.(t)	Grade	Qty.(t)	Grade	Qty.(t)	Grade
Mica	31425	Ruby Mica	4003T	Ruby Mica	Nil	Nil	7145t.	Ruby Mica

* The updated reserves are not furnished due to non- receipts of returns. The draft violation letter for 45(5)(b)(viii) is being sent to RCOM, IBM, Secunderabad for further action.

b) Annual production

Year	Minerals	Production(t)	Dispatches/Sale	Closing stock(t)
2011-12	Mica	-	-	-
	Feldspar	4967	4882	155
	Quartz	-	-	122
	Vermiculite	-	-	130
2012-13	Mica			
	Feldspar	1550	1496	209
	Quartz	-	-	122
	Vermiculite	-	-	130
2013-14	Mica			
	Feldspar	1511	-	1720
	Quartz	888	-	1010
	Vermiculite	-	-	130
2014-15	Mica			
	Feldspar			
	Quartz			
	Vermiculite			
2015-16	Mica			
	Feldspar			
	Quartz			
	Vermiculite			

* The annual returns from 2014-15 to 2015-16 not submitted. Accordingly, draft violation letter for rule 45(5)(b)(viii) is being sent to RCOM, IBM, Hyderabad for further action.

11. SUB-GRADE MINERAL AND MINERAL REJECT

a) Sub-grade mineral = NIL

Name of Mineral		Quantity generated	Quantity Consumed	% utilization	Quantity Stacked	Nature of Utilization	Grade of Sub grade
Mica, Quartz, Feldspar & Vermiculite	Cumulative at the end of previous Year 01.04.2016	NIL	NIL	NIL	NIL	NIL	NIL
	During previous year	NIL	NIL	NIL	NIL	NIL	NIL
	Cum. as on date of inspection	NIL	NIL	NIL	NIL	NIL	NIL

12. RECLAMATION/REHABILITATION OF WASTE DUMP – Area : 0 (ha)

13. PLANTATION

Plantation	Inside mining lease			Outside mining lease		
	No.of Trees	Area in Hect	Rate of Survival	No.of Trees	Area in Hect.	Rate of survival
1. Already carried out up to the end of previous year – cumulative	170	0.5	80%	0	0	0
2. During the previous year	-	0.5	80%	0	0	0
3. As on date of inspection(cumulative)	170	0.5	80%	0	0	0

PART – II :: TECHNICAL DETAILS/COMMENTS

1. Details about average employment

Maximum number of persons employed on any day during the year

Classification	Direct	Contract	Total	Av.no of Days worked	Opencast / Underground
Managerial	0	0	0	AR not furnished	0
Supervisory	0	0	0		0
Workers	0	0	0		0
Ministerial	0	0	0		0
Employment in Plant	0	0	0		0
Others	0	0	0		0
Total					

2. Community Development plan (in and around the mines)

Expenditure in Rs.

Sl. No.	General	Proposed For previous year (in Lakhs)	Proposed For current year (in Lakhs)	Incurred In previous year (in Lakhs)	Incurred so far (in Lakhs)	Remarks
1	2	3	4	5	6	7
1a	Housing		-			
1b	Water Supply					
1c	Sanitation					
1d	Health					
1e	Safety	NIL				
1f	Medical facility					
2	Training					
3	Employment					
4a	Public Transport					
4b	Roads					
4c	Communication					
4d	Electricity					
5a	Recreation					
5b	Sports activities					
6	Environment Management					
7	Others				30,000	Donation for festivals in the village
	Total				30,000	

3. Status of compliance of MC DR 1988, including therewith the rectification of the outstanding violation of rules.

The last MCDR inspection was carried out on 04.06.2008 and no violation of rules found .

Further, on scrutiny of office records IBM, Hyderabad, Violation cum Show cause Notice has been issued to party for violation of rules 12(3), 13(1) & 23 F(3) on 11.07.2013. But party not replied / not complied.

During current inspection contravention of rules 12(3), 13(1), 23 (F)(3), 42(1)(b)(ii) & 45(5)(b)(viii) of MCDR, 1988 were observed and accordingly draft violation letter is being sent to RCOM, Secunderabad for further action

4. A note on justification in case of suspension of mining operation under Rule 13(2) or prohibition of deployment of any person under Rule 56 of MCDR 1988, if recommended.

Not recommended.

5. Scientific Mining.

Items	Proposal	Actual work done	Remarks
A. Exploration (Rule 13)			
a. Type of prospecting & exploration i.e. pitting, drilling etc. b) Total area covered	The Scheme of Mining was approved on 08.12.2005 and its validity has already expired.	-	The Scheme of Mining was approved on 08.12.2005 and its validity has already expired.
B. Working (Rule – 13)			
a. Number and size of each pit (LxWxH)	NA	1.80x60x20 (water logged) 2. 30x20x20 (water logged) 3. 30x20x20 (water logged)	-
b. Bnch size (LxWxH) length can be defined as regular irregular		-	-
c. Ore to waste ratio pit-wise, if possible, otherwise for mine		-	
d. Total area covered under excavation/pits	NA	0.42ha.	-
C. Waste disposal(Rule 13)			-
a. Location of dumps		1) east of pit-1 2) Pit top west of pit.	-
b. Method of dumping whether advancing/ retreat	NA	Advancing	
c. Total area covered under waste dump	NA	0.075 ha.	The waste reported to be utilized in road formation.
d. No.and size of each waste dump with No.of steps/lift/bench	NA	60x30x10 one 25x25x10	
e. Yearly generation of waste quantity	-	4000 cu.m	--

6. Conservation of Mineral – both quantitative and qualitative.

Beneficiation (Rule 20 and 26)	
Efforts for improving low grade and sub-Grade mineral	No beneficiation is involved. No mineral rejects generated.
Efforts for improving percentage of Recovery of ore.	
Mineral (Rule – 15)	
No. of benches in ore and waste	Production is recorded only from dump workings.
Percentage of recovery of ore pit-wise w.r.t ROM and total material	
Sub-grade mineral/fines(Rule – 16)	
Separate stacking from waste	No sub-grade minerals/fines being generated.
Location of stacking	
Total area covered for stacking	
No. and size of each stack	
Quantity of yearly generation and total Quantity available during inspection with Grade	

7. Environment Management – both quantitative and qualitative.

A. Land environment

a. Landscape	The area is plain, undulated terrain with capping of soil murrum with exposures at places.
b. Aesthetic environment	There is nothing to comment on this aspect.
c. Soil and land use pattern	0.5 to 1.0m thick soil capping is removed and dumped along with OB/waste.
d. Agriculture	No agricultural activities observed in and around the lease area.
e. Forest (flora and fauna)	The area does not fall in forest zone.
f. Vegetation	Scanty vegetation of thorny bushes exist in the lease hold.
g. public building, places and monuments (protected, historical), places of worship and places of tourist importance.	No such things exist in the lease hold.
B. Water environment	
a. Surface water	No surface water courses existing in the lease hold.
b. Ground water	Seepage of water is observed in UG workings, which is let out. This is not analyzed; however no adverse is reported.
c. Quality of water	

C. Air environment	No survey has been done. Nothing adverse is reported.
a. Noise	
b. Air	
c. Climatic condition	
D. Socio economic environment	
a. Social and demographic profile	Utukur is nearby village at a distance of 2.5KM with a population of 5000 habitants.
b. Recommending health and safety	-
c. Human settlement	No human settlements in the leasehold except labour hutments.
d. Recreational facility	Gudur is nearby town at a distance of 26km where theatres and parks exist.

8. Scrutiny of annual returns on cost of operation, reserves, production, pit's mouth value, stock, land use pattern and fixed assets.

The annual returns for the years 2014-15 & 2015-16 have not been submitted. Hence, no scrutiny could be undertaken. In this connection, draft violation letter for 45(5)(b)(viii) is being sent to RCOM, IBM, Hyderabad for further necessary action.

PART – III :: PERFORMANCE OF MINE OWNER

(In case of lease expiring within 2 years – as per guidelines)

Not applicable

PART – IV :: PROPOSAL FOR FURTHER ACTION FOR

- a) Indian Bureau of Mines (any issue related to CGPB, SGPB, assistance, consultancy, annual Programme and studies etc.) : Nil
- b) The State Government (illegal mining, mining dispute, infrastructure, mineral based industry, mineral policy & etc.) : The permanent boundary pillars of the lease area were not found. Hence necessary action may please be taken for getting the permanent boundary pillars fixed to demarcate the lease boundary.
- c) The Central Government (infrastructure development, mineral policy and legislation, mineral based industry & etc.) : Nil

Date: 13..06.2016.

(D.P.RAVIKUMAR)
Assistant Mining Geologist
Indian Bureau of Mines

Draft

Government of India
Ministry of Mines
Indian Bureau of Mines
Office of the Regional Controller of Mines

Hyderabad,
Date:

No.AP/NLR/MC-39

To
Shri Y.Chiranjivi, Agent,
M/s Venkata Krishna Mining Company,
15/177, Nehru Nagar
GUDURU-524 101
SPSR Nellore District

Sub : Violation of provisions of MCDR 1988 in respect of your Chamundeswari Mica, Feldspar, Quartz & Vermiculite mine in Nellore District, A.P.State.

Dear Sir,

The following provisions of Mineral Conservation and Development Rules, 1988 were found violated in your above mine during inspection on 31.05.2016 by D.P.Ravikumar, Assistant Mining Geologist, Indian Bureau of Mines, Sub-Regional Office, Nellore accompanied your representative Shri B.Murali.

Rule No.	Nature of violation observed
12(3)	The Scheme of Mining for your Chamundeswari mica, Feldspar, Quartz & Vermiculite mine was approved on 08.12.2005 for a period of five years. . The next Scheme of Mining is required to be submitted for the next five years period at least 120 days before the expiry of five years period for which it was approved on the last occasion, has not been submitted to the Regional Controller of Mines, IBM, Secunderabad through Nellore office, so far.
13(1)	Mining operations should have been undertaken in accordance with the approved Mining Plan/ Scheme of Mining. Since you have no approved Scheme of Mining for your above mentioned Mine, it is evident that the Mining operations are not being carried out in accordance with the approved Scheme of Mining.
23F(3)	A Lessee has to submit financial assurance to the Regional Controller of Mines, Indian Bureau of Mines, Secunderabad before the execution of the lease. In case of existing mining lease, the lessee shall submit the financial assurance along with progressive Mine Closure Plan. However, it was found that the financial assurance for the above mine was not submitted by you till date to the Regional Controller of Mines, Indian Bureau of Mines, Secunderabad.
42(1)(b)(ii)	A part time mining engineer or a full time person to be employed in terms of the provisions of sub-rule (6), has not been employed, as required under the rule.
45(5)(b)(viii)	Annual returns for the year from 2014-15 to 2015-16 have not been submitted to the Regional Controller of Mines, IBM, Secunderabad so far as required under this rule.

02. In this connection, it is brought to your notice that the above violations constitute an offence punishable under Rule 58 of MCDR 1988.
03. You are advised to rectify the above violations immediately and intimate the position to this office within 45 (forty five) days from the date of issue of this letter.

Yours faithfully,

(P.N.SHARMA)
Regional Controller of Mines
Indian Bureau of Mines

N.O.O.:

Copy for kind information to :-

1. The Controller of Mines (SZ), IBM, Bangalore.
2. The Director of Mines & Geology, Govt. of Andhra Pradesh, 8 th floor, BRKR Bhawan, Hyderabad.
3. The Assistant Director, Dept. of Mines and Geology, Govt. of Andhra Pradesh, D.No. 26-3-457/1, 1 st Floor, C.Kalyan Complex, Near SBI, BV Nagar, Mini bypass road, Nellore.
4. The Assistant Mining Geologist, IBM, Nellore.

(P.N.SHARMA)
Regional Controller of Mines

Government of India
Ministry of Mines
Indian Bureau of Mines

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8th Cross Road, Jyothi Nagar,
Vedayapalem, AK Nagar (PO),
Nellore-524004.(A.P)
Dated 17..06.2016.

AP/NLR/MC-351

To

The Regional Controller of Mines
Indian Bureau of Mines
Secunderabad.

Sub: MCDR inspection report of Chamundeswari **Vermiculite**, Mica, Quartz & Feldspar Mine in Utukuru village, Sydapuram Mandal, SPSR Nellore district, Andhra Pradesh owned by M/s Venkata Krishna Mining Company,

The above inspection report by D.P.Ravikumar, Assistant Mining Geologist in respect of his inspection on 31.05.2016 is forwarded herewith.

02. Violations of MCDR 1988 have been found. The draft violation letter is enclosed herewith for your kind information and further action.

03. Further action is to be taken as below:

- | | | | |
|----|------------------------|---|---|
| a) | Indian Bureau of Mines | : | Nil |
| b) | The State Government | : | The permanent boundary pillars of the lease area were not found. Hence necessary action may please be taken for getting the permanent boundary pillars fixed to demarcate the lease boundary. |
| c) | The Central Government | : | Nil |

Yours faithfully,

Encl: 1) MCDR Inspection report.
2) Draft violation letter.

(D.P.RAVIKUMAR)
Assistant Mining Geologist
Indian Bureau of Mines

