

**TMIS DATABASE FOR MCDR INSPECTION (MANUAL)**

1(i)	Mine File No.	AP/NLR/QTZ-FELS-11
(ii)	Mine Code No.	22 APR 15027
(iii)	Date of Inspection	05.01.2017
(iv)	Name of Mine	Rabivenkatesan Mica, Feldspar, Quartz & Vermiculite mine
(v)	Name of the lessee with address	Shri K.Rabivenkatesan Prop. Venkatesh Enterprises, No. 6 (Old) No.11 Shafee Mohammad Road, CHENNAI-600 006
(vi)	Name of owner with address & phone	-do-
(vii)	Lease area in Ha.	8.09 ha.
(viii)	Date of execution	01.12.2000
(ix)	Expiry date	30.11.2020
(x)	Date of first opening	06.04.2001
(xi)	Earlier two dates of inspection	(i) 13.05.2009 (ii) 9.1.08
(xii)	Name & designation of the Inspecting officer with ID No.	D.P.Ravikumar Assistant Mining Gerologist
(xiii)	Name & Designation of mine Official accompanying	Shri K.Bhaskar Rao Lessee's representative
<b>(xiv)</b>	<b>Mine address</b>	
	State	Andhra Pradesh
	District	Nellore
	Village	Molakalapundla
	Mandal	Sydapuram
	Post Office	Molakalapundla
	Police Station	Sydapuram
	Pin code	0
	Fax	0
	E-mail	0
(xv)	Type of Mine (OC, UG, BOTH) Working/Non-Working	OC -Non working
(xvi)	Weekly day of rest	Sunday
(xvii)	Date of AMP/SMP	15.05.2000

**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	NON-FOREST	Area (Ha)
34	Total Non-Forest	8.09
8	Private land	0
9	Agricultural irrigated land	0
10	Agricultural non-irrigated land	0
12	Govt. grazing land	0
13	Govt. waste land	8.09
14	Govt. other land	0
15	Mineralised	5.00
16	Non-mineralised land	6.09
21	Degraded land by pit	0.4ha.
22	Degraded land by dump	0.33 ha.
24	Degraded land by road	0.1
26	Degraded land by plant, Building, Town	0
32	Land acquired	8.09

**3. MINERAL**

Main Mineral(s)	Associated Mineral(s)	Captive Use (Yes/No)	End Product	Non captive use		Remarks
				Domestic (Yes/No)	Export (Y/N)	
Feldspar	Qtz, Mica & Vermiculite	No	0	Yes	Y	0

**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	None	-	-	-	-
Mining Engineer/ Geologist	None	-	-	-	-
Manager	None	-	-	-	-

**5. EXPLORATION**

a) Exploration carried out as on 01.04.2016

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)	Width (m)	No. of Benches In ore	Hei- Ght (m)	Width (m)	Pit Depth (m)	Top RL (m)	Botto mRL (m)	Overall Pit slope
1	40x20	01	1.0	4	01	6.0	6.0	7.5	-	-	-
2	50x45	1	0.5	0	1	2.00	0	2.5	-	-	-
3	25x15	01	1.5	4	01	3.0	5.0	4.5	-	-	-

**7. REHABILITATION OF QUARRIES**

Quarry / Open pit

Year	Area Broken (Hect.)	Area Recla imed	Area Matured For recla- mation	% of recla mati on	Area Rehabilitated			Total Area Rehabilita- ted
					BF	WR	OM	
1) Cumulative as on 1.4.2016	0.4	-	-	-	-	-	-	-
2) During the previous year	-	-	-	-	-	-	-	-
3) Cumm. As on date of inspection on	0.4	-	-	-	-	-	-	-

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=4      A) Area-1=60x30      B) Height=6m      C) Capacity cu.m=10,800  
                                 Area-2=60x10    = 3m    = 1,800  
                                 Area-3=40x10    = 3m    = 1,200  
                                 Area-4=50x10    = 2.5m    = 1,250 = 15,050 cum  
 B) Topsoil dump=0      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
Quartz	5,068	SiO <sub>2</sub> =99.8%	6056	SiO <sub>2</sub> =99.8%	0	0	11,124	SiO <sub>2</sub> =99.8%
Feldspar	23,893	Soda felspar	25000	Soda felspar	0	0	48,893	Soda felspar

\* 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.

c) Annual production

Year	Minerals	Production(t)	Dispatches/Sale	Closing stock(t)
2010-11	-	-	-	-
2011-12	-	-	-	-
2012-13	-	-	-	-
2013-14	-	-	-	-
2015-16	-	-	-	-

\* The annual returns from 2010-11 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	100	0.3	80%	0	0	0
2. During the previous year	-	-	-	-	-	-
3. As on date of inspection(cumulative)	100	0.3	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					

4 a	Public Transport					
4 b	Roads					
4c	Communication					
4 d	Electricity					
5 a	Recreation					
5 b	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 13.05.2009 and violation of rule 12(3) was noticed. Accordingly, violation letter sent to lessee 08.06.2009 for non compliance of rule 12(3). Lessee replied but not complied the same.

Further, on scrutiny of office records IBM, Hyderabad, Violation cum Show cause Notices have been issued to party for violation of rules 45(1) & (2), 45 (5)(a)(viii) and lessee complied only rule 45(1) & (2).

During current inspection contravention of rules 12(3), 13(1), 23 (F)(3), 24, 45(5)(a)(viii) & 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.**

No recommendations have been made under these provisions.

**5. Scientific Mining.**

Items	Proposal	Actual work done	Remarks
<b>A. Exploration (Rule 13)</b>			
a. Type of prospecting & exploration i.e., pitting, drilling etc. b) Total area covered	The Approved Mining Plan has already expired.  NA	Due to heavy floods/ rains during December-2015 in Nellore District, it was observed that all the pits were waterlogged.	The validity of approved Mining Plan expired and no further SOM is not yet approved. As such violation of rule 12(3) is being pointed out.

<b>B. Working (Rule – 13)</b>			
a. Number and size of each pit (LxWxH)	-	40x20x7.5 50x45x2.5 25x15x4.5	-
b. Bench size (LxWxH) length can be defined as regular/irregular	-	Regular 20x5x3 40x10x6	The validity of approved mining plan expired on 31.03.2005 and no further SOM is not yet approved. As such violation of rule 12(3) is being pointed out.  The status of existing pits furnished.
c. Ore to waste ratio pit-wise, if possible, otherwise for mine	-	1:36	
d. Total area covered under excavation/pits	-	0.4 ha.	
<b>C. Waste disposal(Rule 13)</b>			
a. Location of dumps	-	On south west and & east side of the lease area.	
b. Method of dumping whether advancing retreat	-	Advancing	
c. Total area covered under waste dump	-	3200 sq.m	All old dumps .
d. No.and size of each waste dump with No.of steps/lift/bench	-	50x10x3 40x10x3 50x10x2.5 60x10x6	
e. Yearly generation of waste quantity	-	-	

**6. Conservation of Mineral – both quantitative and qualitative.**

<b>Beneficiation (Rule 20 and 26)</b>	
Efforts for improving low grade and sub-Grade mineral	Manual picking & sorting.
Efforts for improving percentage of Recovery of ore.	Chipping and dressing to remove the mica & quartz pieces attached to feldspar. Similarly for quartz lumps, the mica, feldspar and red patches are chipped out.
<b>Mineral (Rule – 15)</b>	
No.of benches in ore and waste	Ore 01 – waste – 01
Percentage of recovery of ore pit-wise w.r.t ROM and total material	ROM – 40% TM - 20
<b>Sub-grade mineral/fines(Rule – 16)</b>	
Separate stacking from waste	400 ton.
Location of stacking	East & West sides of approach road to mines.

**7. Environment Management – both quantitative and qualitative.**

**A. Land environment**

a. Landscape	The area is plain, undulated with moderate vegetation like shrubs & bushes.
b. Aesthetic environment	No aesthetic environment exists.
c. Soil and land use pattern	Top 0.3m soil capping of murram is removed and dumped on SW side of lease.
d. Agriculture	No agricultural activities observed in and around the lease area.
e. Forest (flora and fauna)	No forest zone is involved.
f. Vegetation	Moderate shrubs and bushes existing in the leasehold.
g. Public building, places and monuments (protected, historical), place of worship and places of tourist importance.	No such things are exist in and around the leasehold.
<b>B. Water environment</b>	
a. Surface water	No surface water course is observed
b. Ground water	In pit No.1 ground water encountered.
c. Quality of water	No discharge, non-operating pit.
<b>C. Air environment</b>	
a. Noise	Manual mine, no impact.
b. Air	-do-
c. Climatic condition	The climate is tropical, dry, humid according to seasons. Average rain fall is 9mm.
<b>D. Socio economic environment</b>	
a. Social and demographic profile	The local villagers depend on agriculture & horticulture.
b. Recommending health and safety	Nothing specific except protective safety appliances.
c. Human settlement	No human settlements observed nearby, however, it exist in 10 villages of buffer zone.
d. Recreational facility	Nil

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

Annual Returns have not been submitted from 2010-11 to 2015-16. Hence, no scrutiny could be done. Draft violation letter for rule 45(5)(b)(viii) is being sent to RCOM, IBM, Secunderabad for further 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: 13.02.2017  
Nellore .

(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/ QTZ-Fels-11  
To

Shri K.Rabivenkatesan  
Prop. Venkatesh Enterprises, No. 6 (Old) No.11  
Shafee Mohammad Road,  
CHENNAI-600 006

Sub : Violation of provisions of MCDR 1988 in respect of your Sri Venkatesh Mica, Feldspar, Quartz & Vermiculite Mine in Molakalapundla village, Sydapuram (M) SPSR Nellore District, A.P. State, over an extent of 8.09 ha.

Dear Sir,

The following provisions of Mineral Conservation and Development Rules, 1988 were found violated in your above mine during inspection on 05.01.2017 by D.P.Ravikumar, Assistant Mining Geologist, Indian Bureau of Mines, Sub-Regional Office, Nellore, accompanied by your representative Shri K.Bhaskar Rao.

Rule No.	Nature of violation observed
12(3)	The Scheme of Mining should have been submitted to the Competent authority at least one hundred eighty days before the expiry of the five years period, for which it was approved on the last occasion. The Mining Plan for above mine was approved 15.05.2000 for a period of five years. The proposed period of approved Mining Plan expired and no Scheme of Mining was submitted for the subsequent periods 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.
23 F (3)	The Financial Assurance has not been submitted as required under the rule.
24	It was reported that mine workings have been temporarily discontinued, but a notice in Form – D-I has not been submitted.
45(5)(a)(viii)	Monthly returns from January 2010 to December -2016 have not been submitted to the Regional Controller of Mines, IBM, Secunderabad so far as required under this rule.
45(5)(b)(viii)	Annual returns from 2010 -11 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,

(PANKAJ KULSHRESTHA)  
Regional Controller 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.

(PANKAJ KULASHRESTA)  
Regional Controller of Mines

Government of India  
Ministry of Mines  
Indian Bureau of Mines

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8<sup>th</sup> Cross Road, Jyothi Nagar,  
Vedayapalem, AK Nagar (PO),  
Nellore-524004.(A.P)  
Dated :13.02.2017.

AP/NLR/QTZ-Fels-11

To

The Regional Controller of Mines  
Indian Bureau of Mines  
Secunderabad.

Sub: MCDR inspection report of Sri Venkatesh **Mica, Quartz, Feldspar & Vermiculite Mine** in Molakalapundla village, Sydapuram Mandal, SPSR Nellore district, Andhra Pradesh owned by Shri K.Rabi venkatesan.

Sir,

The above inspection report by D.P.Ravikumar, Assistant Mining Geologist in respect of his inspection on 05.01.2017 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 take 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

