

TMIS DATABASE FOR MCDR INSPECTION (MANUAL)

1(i)	Mine File No.	AP/ NLR/MC-361
(ii)	Mine Code No.	41 APR 151 14
(iii)	Date of Inspection	14.02.2017
(iv)	Name of Mine	JMR Mica, Quartz, Feldspar & Vermiculite Mine
(v)	Name of the lessee with address	Smt.M. REVATHI, MANAGING PARTNER, M/S JMR MINES, NO. 40, NARSIHAREDDYIAR NAGAR, 1 ST STREET, KODUNGAIYUR, CHENNAI-600 118 (TAMILNADU)
(vi)	Name of owner with address & phone	-do-
(vii)	Lease area in Ha.	5.78 ha.
(viii)	Date of execution	27.10.2006
(ix)	Expiry date	09.08.2013 (Applied for renewal to State Govt.)
(x)	Date of first opening	05.03.2007
(xi)	Earlier two dates of inspection	18.01.2016
(xii)	Name & designation of the Inspecting officer with ID No.	D.P.Ravikumar, Asstt. Mining Geologist
(xiii)	Name & Designation of mine Official accompanying	Shri A. Prabhakar Babu, Party's representative
(xiv)	Mine address	
	State	Andhra Pradesh
	District	SPSR Nellore
	Village	Griddaluru
	Mandal	Sydapuram
	Post Office	Griddaluru
	Police Station	Sydapuram
	Pin code	
	Fax	044-32911803
	E-mail	
(xv)	Type of Mine (OC, UG, BOTH) Working/Non-Working	UC, Non-working (fully waterlogged) (It is noticed during inspection that dewatering is going on in the mine.
(xvi)	Weekly day of rest	Sunday
(xvii)	Date of AMP/SMP	Scheme of Mining Approved on 19.06.2006

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	5.78
8	Private land	5.78
9	Agricultural irrigated land	0
10	Agricultural non-irrigated land	0
12	Govt. grazing land	0
13	Govt. waste land	0
14	Govt. other land	0
15	Mineralised	0
16	Non-mineralised land	0
21	Degraded land by pit	0.01
22	Degraded land by dump	0.04
24	Degraded land by road	0.02
26	Degraded land by plant, Building, Town	0
32	Land acquired	5.78

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	0	Yes		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	--	--	--	--	--
Mining Engineer/ Geologist	--	--	--	--	--
Manager	-	-	-	-	--

5. EXPLORATION

a) Exploration carried out as on 1.4.2016

No .of boreholes	0	No .of pits	0	No. of trenches	0
Grid interval(m)	0	--	0	--	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	Height (m)	Width (m)	Pit Depth (m)	Top RL (m)	Bottom RL (m)	Overall Pit slope
1	30x40x10	01	2.5	3	15	10	10	--	-	-

7. REHABILITATION OF QUARRIES

Quarry / Open pit

Year	Area Broken (Hect.)	Area Reclaimed	Area Matured For reclamation	% of reclamation	Area Rehabilitated			Total Area Rehabilitated
					BF	WR	OM	
1) Cumulative as on 1.4.2016	0.01	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	0.01	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 01A) Area : 0.04 B) Height=2.0 C) Capacity cu. m= 8000 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								
Quartz	Reserves were not estimated / not given in the Approved Mining Plan dated 16.08.1996 and Scheme of Mining dated 19.06.2006.							
Feldspar								
Vermiculite								

* Reserves were not estimated / not given in the Approved Mining Plan dated 16.08.1996 and Scheme Mining dated 19.06.2006. Further, the lessee not submitting the statutory returns regularly. The draft violation letter for rule 45(5)(a)(viii)(45(5)(b)(viii) is being sent to RCOM, IBM, Hyderabad for further action.

b) Annual production

Year	Minerals	Production(t)	Dispatches/Sale	Closing stock(t)
2011-12	Mica	-	-	-
	Feldspar	-	-	-
	Quartz	-	-	-
	Vermiculite	-	-	-
2012-13	Mica	-	-	-
	Feldspar	50	Nil	-
	Quartz	60	Nil	-
	Vermiculite	10	Nil	101
2013-14	Mica	10 (kgs)	-	1251(kgs)
	Feldspar	-do-	-do-	-do-
	Quartz	-do-	-do-	-do-
	Vermiculite	-do-	-do-	-do-
2014-15	Mica	445 t	Nil	700 t
	Feldspar	-do-	-do-	-do-
	Quartz	-do-	-do-	-do-
	Vermiculite	-do-	-do-	-do-
2015-16	Lessee not submitted AR for 2015-16.			

The lessee not submitting the statutory returns regularly. The draft violation letter for rule 45(5)(a)(viii)(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	0.09	50	NIL	NIL	NIL
2. During the previous year	NIL	NIL	NIL	NIL	NIL	NIL
3. As on date of inspection(cumulative)	100	0.09	50	NIL	NIL	NIL

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 MCDR 1988, including therewith the rectification of the outstanding violation of rules.

The last MCDR inspection was carried out on 18.01.2016 and violation of rule 12(2), 13(1) 24, 45(5)(a)(viii) & 45(5)(a)(viii) were observed and accordingly, draft violation letter sent to RCOM,IBM, Hyderabad for further action. Further, RCOM, IBM, Hyderabad issued violation letter for the above said violations to the lessee dated 24.03.2016.In this regard, as per this office records, lessee submitted the Annual Returns for the year 2012-13 to 2004-15 only and not yet complied the violations pointed out.

During the current inspection contravention of rule 12(3) 13(1), 24,, 45(5)(a)(viii) & 45(5)(a)(viii) have been observed and accordingly draft violation letter is being sent to RCOM, IBM, 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 such recommendation was made under these provisions.

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 Approved Mining Scheme has already expired. NA	Drive upto 20m developed.	The validity of approved Mining Scheme expired on 31.03.2011 and no further SOM is not yet approved. As such violation of rule 12(3) is being pointed out.
B. Working (Rule – 13)			
a. Number and size of each pit (LxWxH)	NA	10-m--20m drive.	Nil
b. Bench size (LxWxH) length cab be defined as regular/ irregular c. Ore to waste ratio pit-wise, if possible, otherwise for mine	Nil None	Nil 30-35m depth	Nil
d. Total area covered under excavation/pits	-	0.01 ha.	Nil - -
C.Waste disposal(Rule 13)			
a. Location of dumps	Nil	Around the lease area.	Nil
b. Method of dumping whether advancing retreat	Nil	Advancing	Nil
c. Total area covered under waste dump	Nil	0.04 ha.	Nil
d. No.and size of each waste dump with No.of steps/lift/bench	Nil	One 30x13	Nil
e. Yearly gene ration of waste quantity	Nil	800 cu.m	Nil

6. Conservation of Mineral – both quantitative and qualitative.

Beneficiation (Rule 20 and 26)	
Efforts for improving low grade and sub-Grade mineral	No low grade & sub-grade mineral were generated.
Efforts for improving percentage of Recovery of ore.	Manual sorting & dressing was done to recover saleable material.
Mineral (Rule – 15)	
No.of benches in ore and waste	One bench was formed.
Percentage of recovery of ore pit-wise w.r.t ROM and total material	The recovery of saleable mineral was 5% in pegmatite excavated.
Sub-grade mineral/fines(Rule – 16)	
Separate stacking from waste	
Location of stacking	Near mine office.
Total area covered for stacking	0
No. and size of each stack	One
Quantity of yearly generation and total Quantity available during inspection with Grade	0

7. Environment Management – both quantitative and qualitative.

A. Land environment

a. Landscape	The lease area covers undulating ground.
b. Aesthetic environment	Except land degradation over limited scale, aesthetic environment was not affected.
c. Soil and land use pattern	About 1.0 hectares of land was used for mining and allied activities.
d. Agriculture	No agriculture land exist within the lease area.
e. Forest (flora and fauna)	The entire lease area is in forest land. Thick vegetation or wild life were not observed.
f. Vegetation	Shrubs and few big neem trees were observed.
g. Public building, places and monuments (protected, historical), place of worship and places of tourist importance.	No such building & place of importance exist within the lease area.
B. Water environment	
a. Surface water	No water course or seasonal nallah exist near to the lease area.
b. Ground water	Ground water was not struck at present open cast working.
c. Quality of water	The quality of water was reported to be potable.
C. Air environment	
a. Noise	Due to small scale mining carried in this area, significant air & noise pollution was not observed.
b. Air	
c. Climatic condition	

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

The Annual Return for 2015-16 not submitted, However, the AR for 2014-15 has been scrutinized. The comments are as follows: (Mine is not working)

Cost of Production : Nil
Reserves : Not furnished,
Production 2014-15 : -
Stock : 700 t (crude mica)
land use pattern : Consists of degradation of area by 01 pit . No top soil exists.
Fixed assets : NA.

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

Nellore,
Date: 22.03.2017.

(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-361
To

Smt.M. REVATHI, MANAGING PARTNER,
M/S JMR MINES,
NO. 40, NARSIHAREDDYIAR NAGAR,
1ST STREET, KODUNGAIYUR,
CHENNAI-600 118 (TAMILNADU)

Sub : Violation of provisions of MCDR 1988 in respect of your JMR Mica, Feldspar, Quartz & Vermiculite Mine in Griddaluru village, Sydapuram (M) SPSR Nellore District, A.P. State, over an extent of 5.78 ha.

Dear Sir,

The following provisions of Mineral Conservation and Development Rules, 1988 were found violated in your above mine during inspection on 14.02.2017 by D.P.Ravikumar, Assistant Mining Geologist, Indian Bureau of Mines, Sub-Regional Office, Nellore, accompanied by your representative Shri Prabhakar Babu.

Rule No.	Nature of violation observed
12(3)	The Scheme of Mining should have been submitted to the Competent authority at least one hundred twenty days before the expiry of the five years period, for which it was approved on the last occasion. The Scheme of Mining for above mine was approved 19.06.2006 for a period of five years. The proposed period of approved Scheme of Mining 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.
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 2015 to January 2017 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 for the year 2010 – 11, 2011-12 & 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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D.No.26-II-830, Flat No.86,
8th Cross Road, Jyothi Nagar,
Vedayapalem, AK Nagar (PO),
Nellore-524004.(A.P)

Dated 22.03.2017.

AP/NLR/MC-361

To

The Regional Controller of Mines,
Indian Bureau of Mines
Secunderabad.

Sub: MCDR inspection report of JMR Mica, Quartz, Feldspar & Vermiculite Mine in SPSR
Nellore district, Andhra Pradesh owned by M/s JMR Mines.

Sir,

The above inspection report by D.P.Ravikumar, Assistant Mining Geologist in respect of his
inspection on 14.02.2017 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
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

