

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

1(i)	Mine File No.	AP/NLR/MC-304
(ii)	Mine Code No.	41 APR 15085
(iii)	Date of Inspection	05.01.2017
(iv)	Name of Mine	Shri Shirdi Sai Mica, Quartz, Feldspar & Vermiculite mine
(v)	Name of the lessee with address	Sri Shirdi Sai Mines M/s Galaxy Mica Enterprises Orupalli (V), Talupur (PO) Sydapuram (M)SPSR Nellore District (AP)
(vi)	Name of owner with address & phone	-do-
(vii)	Lease area in Ha.	9.25 Ha
(viii)	Date of execution	20.9.2006 (transfer of lease executed).
(ix)	Expiry date	15 years – 18.3.2021
(x)	Date of first opening	19.3.71
(xi)	Earlier two dates of inspection	(i) 05.12.2008 (ii) 18.9.07
(xii)	Name & designation of the Inspecting officer with ID No.	D.P. Ravikumar, Assistant Mining Geologist
(xiii)	Name & Designation of mine Official accompanying	Shri A. Ranjith Kumar, Lessee's representative
<b>(xiv)</b>	<b>Mine address</b>	
	State	Andhra Pradesh
	District	Nellore
	Village	Orupalli
	Mandal	Sydapuram
	Post Office	Talupur
	Police Station	Sydapuram
	Pin code	524 409
	Fax	-
	E-mail	-
(xv)	Type of Mine (OC, UG, BOTH) Working/Non-Working	OC, working
(xvi)	Weekly day of rest	Sunday
(xvii)	Date of AMP/SMP	19.9.2003

**2. LAND DETAILS (WITHIN LEASE AREA)**

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

Code	NON-FOREST	Area (Ha)
34	Total Non-Forest	9.25
8	Private land	-
9	Agricultural irrigated land	-
10	Agricultural non-irrigated land	-
12	Govt. grazing land	-
13	Govt. waste land	9.25
14	Govt. other land	-
15	Mineralised	3.00
16	Non-mineralised land	6.25
21	Degraded land by pit	0.35
22	Degraded land by dump	0.05
24	Degraded land by road	0.05
26	Degraded land by plant, Building, Town	0.5
32	Land acquired	9.25

**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	-	Mica	Yes	No	-

**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	Ch.Venkateswara Rao	Mine Manager	D.M.E & permit manager	25.9.2006	C/o lessee

**5. EXPLORATION**

a) Exploration carried out as on 01.04.2016

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

**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	Height (m)	Width (m)	Pit Depth (m)	Top RL (m)	Bottom RL (m)	Overall Pit slope
01	70X50X20 m	2	1	3.0	1	Nil	4	4	-	-	30°

**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 01.04.2016	0.35	NIL	NIL	NIL	NIL	NIL	NIL	NIL
2) During the previous year	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
3) Cumm. As on date of inspection on	0.35	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=One      A) Area=0.05 He.      B) Height=3m C) Capacity cu.m=1500  
 B) Topsoil dump= -      A) Quantity generated=nil      B) Used=nil

**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	600	3000	-	No	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	-	-	-	-	826	Green Mica	826	Green mica
Feldspar	-	-	-	-	16,520.00	Soda Feldspar	16,520	Soda Feldspar
Quartz	-	-	-	-	8,260.00	-	8,260	SiO <sub>2</sub> 98%

\* The updated reserves are not furnished due to non- receipts of returns. The draft violation letter for 45(5)(a)(viii) & 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			
	Quartz			
	Vermiculite			
2012-13	Mica	-	-	-
	Feldspar			
	Quartz			
	Vermiculite			
2013-14	Mica			
	Feldspar			
	Quartz			
	Vermiculite			
2014-15	Mica			
	Feldspar			
	Quartz			
	Vermiculite			
2015-16	Mica			
	Feldspar			
	Quartz			
	Vermiculite			

Annual returns not submitted.

\* The annual returns from 2009 - 10 to 2015-16 not submitted. Accordingly, 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

Name of Mineral		Quantity generated	Quantity Consumed	% utilisation	Quantity Stacked	Nature of Utilization	Grade of Sub-grade
Mica Scrap	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 : -- (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	1500	1.5	80%	-	-	-
2. During the previous year	-	-	-	-	-	-
3. As on date of inspection(cumulative)	1500	1.5	80%	-	-	-

**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	Annual Returns not furnished from 2009-10 to 2015-16	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				20,000	Donation for festivals in the village	
	Total				20,000		

**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 05.12.2008 and violation of rule 12(3) was noticed. Accordingly, violation letter sent to lessee 10.02.2009 & Show Cause Notice issued on 15.04.2009 for non compliance of rule 12(3). Further, Lessee replied for Show Cause Notice, 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 12(3) 13(1), 23 F (3). But lessee not yet complied the same.

During current inspection contravention of rules 12(3), 13(1), 23 (F)(3), 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 such 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 pit was 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)	-	70X50X20	
b. Bench size (LxWxH) length can be defined as regular/ irregular c. Ore to waste ratio pit-wise, if possible, otherwise for mine	-  -	80X10X10  1:3	The validity of approved mining plan expired on 31.03.2008 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.
d. Total area covered under excavation/pits	-	0.35 ha.	Single pit
<b>C. Waste disposal (Rule 13)</b>			
a. Location of dumps	.	NW side of lease area	
b. Method of dumping whether advancing/ retreat	-	Advancing	
c. Total area covered under waste dump	-	0.05 Ha.	
d. No. and size of each waste dump with No. of steps/lift/bench	-	One dump.	
e. Yearly generation of waste quantity	-	1500 cu.m	

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

<b>Beneficiation (Rule 20 and 26)</b>	
Efforts for improving low grade and sub-Grade mineral	Mica scrap is received from the old dumps and segregated according to size.
Efforts for improving percentage of Recovery of ore.	Manual segregation of mica/mica scrap.
<b>Mineral (Rule – 15)</b>	
No.of benches in ore and waste	Not applicable
Percentage of recovery of ore pit-wise w.r.t ROM and total material	Nil
<b>Sub-grade mineral/fines(Rule – 16)</b>	
Separate stacking from waste	NIL
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 undulated plain terrain.
b. Aesthetic environment	Due to plantation Aesthetic environment is good.
c. Soil and land use pattern	No top soil is disturbed due to UG working.
d. Agriculture	No agricultural activity is seen within the lease hold.
e. Forest (flora and fauna)	No forest is involved, the area is revenue land.
f. Vegetation	Plantation of eucalyptus and subabul can be seen in the lease hold.
g. Public building, places and monuments (protected, historical), place of worship and places of tourist importance.	No such public building and places and monuments, place of worship or tourist importance is there within the lease hold.
<b>B. Water environment</b>	
a. Surface water	No surface nalla or river has been seen within the lease hold.
b. Ground water	The underground working have seepage of water is pumped out to surface.
c. Quality of water	Quality of water is reported to be good.

<b>C. Air environment</b>	
a. Noise	No adverse effect is observed for noise pollution.
b. Air	No air pollution is there because of UG workings.
c. Climatic condition	Climatic condition is tropical, dry and humid.
<b>D. Socio economic environment</b>	
a. Social and demographic profile	Mine workers are agriculture base.
b. Recommending health and safety	Nil
c. Human settlement	No human settlement was found within the lease hold area.
d. Recreational facility	None

**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 2009-10 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

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

Date: 13.02.2017.



Draft

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

No. AP/NLR/ MC-304  
To

Hyderabad,  
Date:

Sri Shirdi Sai Mines  
M/s Galaxy Mica Enterprises  
Orupalli (V), Talupur (PO)  
Sydapuram (M)  
SPSR Nellore District (AP)

Sub : Violation of provisions of MCDR 1988 in respect of your Sri Shirdi Sai Mica, Feldspar, Quartz & Vermiculite Mine in Orupalli village, Sydapuram (M) SPSR Nellore District, A.P. State, over an extent of 9.25 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 A.Ranjith Kumar.

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 19.09.2003 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.
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

Tel/Fax No. 0861-2327294  
Mail Id. [ibmnlr@yahoo.co.in](mailto:ibmnlr@yahoo.co.in)  
[ibmnlr@gmail.com](mailto:ibmnlr@gmail.com)

D.No.26-II-830, Flat No.86,  
8<sup>th</sup> Cross Road, Jyothi Nagar,  
Vedayapalem, AK Nagar (PO),  
Nellore-524004.(A.P)  
Dated :13.02.2017.

AP/NLR/MC-304

To

The Regional Controller of Mines  
Indian Bureau of Mines  
Secunderabad.

Sub: MCDR inspection report of Sri Shirdi Sai **Mica, Quartz, Feldspar & Vermiculite Mine** in Orupalli village, Sydapuram Mandal, SPSR Nellore district, Andhra Pradesh owned by M/s Sri Shirdi Sai Mines.

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

