

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

1(i)	Mine File No.	AP/NLR/MC-375
(ii)	Mine Code No.	41APR 151 78
(iii)	Date of Inspection	06.01.2017
(iv)	Name of Mine	Sree Satya Sai Mica, Quartz, Feldspar & Vermiculite Mine
(v)	Name of the lessee with address	Shri VVVRK Yachendra Garu, Mg.Partner, Sree Satya Sai Mica Mine M/s Sree Kalyana Rama Company Kalichedu (V) & (PO) Sydapuram (M) SPSR Nellore District (AP)
(vi)	Name of owner with address & Phone	-do-
(vii)	Lease area in Ha.	4.19 Ha
(viii)	Date of execution	22.05.2009
(ix)	Expiry date	21.05.2029
(x)	Date of first opening	Not available
(xi)	Earlier two dates of inspection	This is the first inspection
(xii)	Name & designation of the Inspecting officer with ID No.	D.PRavikumar, AMG
(xiii)	Name & Designation of mine Official accompanying	Shri P.Naga Sai Krishna , Mines Manager
<b>(xiv)</b>	<b>Mine address</b>	
	State	Andhra Pradesh
	District	Nellore
	Village	Gokula Brundavanam
	Mandal	Sydapuram
	Post Office	Sydapuram
	Police Station	Sydapuram
	Pin code	524 407
	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	Scheme of Mining approved on 20.12.2016 by State Govt.

**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	4.19
8	Private land	4.19
9	Agricultural irrigated land	-
10	Agricultural non-irrigated land	-
12	Govt.grazing land	-
13	Govt.waste alnd	-
14	Govt. other land	-
15	Mineralised	-
16	Non-mineralised land	-
21	Degraded land by pit	0.05
22	Degraded land by dump	--
24	Degraded land by road	0.01
26	Degraded land by plant, Building, Town	0.01
32	Land acquired	4.19

**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	Shri P.Naga Sai Krishna	Manager	Diploma in Mining Engineering	15.02.2010	C/o Lessee

**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	30x15x10	02	3.5	1	5	10	10	102	92	70°

**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	0.46	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 =01      A) Area : 0.05      B) Height=2.0      C) Capacity cu. m= 1000  
 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	10,500	-	-	-	-	-	10,500	-
Quartz	1,05,000	-	-	-	-	-	1,05,000	-
Feldspar	3,15,000	-	-	-	-	-	3,15,000	-

\* 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.

NOTE: It was mentioned on the approved Mining plan dated 28.11.2008 that negligible quantities of garnet will be anticipated during the course of mining. Vermiculite occurrences are to be identify in the proposed lease area. Further, during inspection not observed any material / mineral of vermiculite and garnet.

b) Annual production

Year	Minerals	Production(t)	Dispatches/Sale	Closing stock(t)
2011-12	Mica	3.30 Scrap Mica	20	5.6
	Feldspar	-	-	-
	Quartz	-	-	-
	Vermiculite	-	-	-
2012-13	Mica	114.60	-	120.2
	Feldspar	-	-	-
	Quartz	-	-	-
	Vermiculite	-	-	-
2013-14	Mica	153.70	180	93.9
	Feldspar	-	-	-
	Quartz	-	-	-
	Vermiculite	-	-	-
2014-15	Mica	-	-	93.9
	Feldspar	-	-	-
	Quartz	-	-	-
	Vermiculite	-	-	-
2015-16	Mica	AR Not submitted		
	Feldspar			
	Quartz			
	Vermiculite			

\* The annual return for 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	0.05	80%	0	0	0
2. During the previous year	-	-	80%	0	0	0
3. As on date of inspection(cumulative)	100	0.05	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	01	0	01	301	OC
Supervisory	01	0	01	301	OC
Workers	0	0	0	0	0
Ministerial	01	0	01	301	OC
Employment in Plant	0	0	0		0
Others	01	0	01	301	OC
<b>Total</b>	<b>04</b>		<b>04</b>	<b>301</b>	<b>OC</b>

**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
	<b>Total</b>				<b>30,000</b>	

**3. Status of compliance of MCDR 1988, including therewith the rectification of the outstanding violation of rules.**

This is the first inspection. During the inspection contravention of rules 22 & 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
<b>A. Exploration (Rule 13)</b>			
a. Type of prospecting & exploration i.e. pitting, drilling etc. b) Total area covered	No proposals for 2015-16. The Scheme of Mining was approved by State Govt. on 20.12.2016.	-	The Scheme of Mining was approved on 20.12.2016 by State Govt.
<b>B. Working (Rule – 13)</b>			
a. Number and size of each pit (LxWxH)	-	30 X15X10	-
b. Bench size (LxWxH) length can be defined as regular irregular c. Ore to waste ratio pit-wise, if possible, otherwise for mine	-	03x04x004 regular  -	-
d. Total area covered under excavation/pits	-	0.05ha.	-
<b>C. Waste disposal(Rule 13)</b>			-
a. Location of dumps		North –West to the lease.	-
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	-	50x20x10	
e. Yearly generation of waste quantity	-	1000 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	No beneficiation is involved. No mineral rejects generated.
Efforts for improving percentage of Recovery of ore.	
<b>Mineral (Rule – 15)</b>	
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	
<b>Sub-grade mineral/fines(Rule – 16)</b>	
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>B. Water environment</b>	
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	

<b>C. Air environment</b>	No survey has been done. Nothing adverse is reported.
a. Noise	
b. Air	
c. Climatic condition	
<b>D. Socio economic environment</b>	
a. Social and demographic profile	Gokulabrundavanam 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	Sydapuram 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 Return for 2014-15 submitted by party has been scrutinized. The comments are as follows: (Mine is not working)

Cost of Production : Rs. --  
 Reserves : 98994 t,  
 Production 2014-15 : No production / not worked during 2014-15.  
 Stock : 93900 kgs  
 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

Date: 10.02.2017

(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-375

To

Shri VVVRK Yachendra Garu, Mg.Partner,  
Sree Satya Sai Mica Mine  
M/s Sree Kalyana Rama Company  
Kalichedu (V) & (PO)  
Sydapuram (M)  
SPSR Nellore District (AP)

Sub : Violation of provisions of MCDR 1988 in respect of your Sree Satya Sai 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 06.01.2017 by D.P.Ravikumar, Assistant Mining Geologist, Indian Bureau of Mines, Sub-Regional Office, Nellore accompanied your mines manager Shri P.Naga Sai Krishna.

Rule No.	Nature of violation observed
22	Notice of opening of the mine has not been submitted in Form-C within 15 days of such opening
45(5)(b)(viii)	Annual return for the year 2015-16 has 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/MC-375

To

The Regional Controller of Mines  
Indian Bureau of Mines  
Secunderabad.

Sub: MCDR inspection report of Sree Satya Sai **Vermiculite**, Mica, Quartz, Feldspar & Garnet Mine in Gokulabrindavanam village, Sydapuram Mandal, SPSR Nellore district, Andhra Pradesh owned by M/s Sree Kalyana Rama Company,

The above inspection report by D.P.Ravikumar, Assistant Mining Geologist in respect of his inspection on 06.01.2017 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 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

