TMIS DATABASE FOR MCDR INSPECTION (MANUAL)

	I WIIS DATABASE FUR WICD	
1(l)	Mine File No.	AP/ NLR/ Fels- 15
(ii)	Mine Code No.	22 APR 150 30
(iii)	Date of Inspection	10.03.2017
(iv)	Name of Mine	Sree Sai Ram Mines Mica, Feldspar , Quartz &
		Vermiculite Mine
(v)	Name of the lessee with address	Shri G.Ravikumar, Proprietor
		M/s Ceramic Raw Material Services,
		15/330, Varada Nagar
		GUDURU-524 101
		SPSR Nellore district(AP)AP).
(vi)	Name of owner with address &	Shri G.Ravikumar, Proprietor
	Phone	Address as above.
(vii)	Lease area in Ha.	16.123 ha.
(viii)	Date of execution	01.07.2008
(ix)	Expiry date	18.11.2021
(x)	Date of first opening	Not available
(xi)	Earlier two dates of inspection	l) 03.06.2008 (ii) 06.04.2005
(xii)	Name & designation of the	D.P.Ravikumar, AMG
	Inspecting officer with ID No.	
(xiii)	Name & Designation of mine	Shri M.Laxmi Narayana,Raju Lessee's
	Official accompanying	representative
(xiv)	Mine address	
	State	Andhra Pradesh
	District	Nellore
	Village	Theepanur
	Mandal	Chillakur
	Post Office	Odur
	Police Station	Chillakur
	Pin code	-
	Fax	-
	E-mail	-
(xv)	Type of Mine (OC,UG,BOTH)	OC, Non working .
	Working/Non-Working	
(xvi)	Weekly day of rest	Sunday
(xvii)	Date of AMP/SMP	Mining Plan Approved on 23.05.2003

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	0
	dump	
23	Degraded land by road	0
25	Degraded land by	0
	plant,	
	Building, Town	
31	Land acquired	0

Code	FOREST	Area
		(Ha)
34	Total Non-Forest	16.123
8	Private land	16.123
9	Agricultural irrigated land	-
10	Agricultural	-
	non-irrigated land	
12	Govt.grazing land	-
13	Govt.waste alnd	-
14	Govt. other land	-
15	Mineralised	16.00
16	Non-mineralised land	-
21	Degraded land by pit	0.5
22	Degraded land by dump	0.01
24	Degraded land by road	0.01
26	Degraded land by plant,	0
	Building, Town	
32	Land acquired	16.123

3. MINERAL

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

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

Status	Name	Designa-	Educational	Date of	Address
		tion	Qualification	Appointment	
Agent	Nil	Agent			-
Mining	Nil				-
Engineer/					
Geologist					
Manager	-	-	-	-	-

5. EXPLORATION

a) Exploration carried out as on 1.4.2016

No.of	0	No .of pits	0	No. of trenches	0
boreholes					
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	Pit	No of	Ht. of	Width	No. of	Height	Width	Pit	Тор	Bottom	Overall
No.	Size	OB Bench	Bench (m)	(m)	Benches In ore	(m)	(m)	Depth (m)	RL (m)	RL (m)	Pit slope
1	20X20 X08	1	1.0	2.0	1.0	5.0	6.0	08	-	-	85°
2	05X05 X 04	1	1.0	2.0	1.0	4.0	5.0	04	0	0	75°
3	10X04 X04	1	1.0	2.0	1.0	4.0	5.0	04	0	0	75°
4 to 14 trail pits	04x01 x02		-	-	-	-	-	-	-	-	-

7. REHABILITATION OF QUARRIES

Quarry / Open pit

	Area	Area	Area	% of		Area		Total
Year	Broken	Recla	Matured	recla	R	ehabilitate	ed	Area
	(Hect.)	imed	For recla-	mati	BF	WR	OM	Rehabilita-
	`		mation	on				ted
1) Cumulative as on 1.4.2016	0.5	0	0	0	0	0	0	0
During the previous year	0	0	0	0	0	0	0	0
Cumm. As on date of inspection on	0.5	0	0	0	0	0	0	0

BF= Back filled; WR = Water reservoir; post mining land use of the area reclaimed.

OM = Other means; Remarks = Under remarks give

8. CHARACTERISTICS OF WASTE DUMP AND TOP SOIL DUMP

A) OB Dump=20x10x3.0 A) Area= 0.02 HA. B) Height=3.0 C)Capacity cu.m=600cu.m

B) Topsoil dump=Nil A) Quantity generated B) Used

9. OVERBURDEN AND WASTE GENERATED

OB Removal

Year	OB removed	Cumulative O.B	Ore: OB ratio	Whether	Remark, if
	In previous	Removed till	Previous year	Dumping on	Dumped on
	Year(cu.m)	end of	(Total –cum)	Mineralized	Mineralized
		Previous year		Ground(Y/N)	Ground
		(cu.m)			
2015-16	Nil	Nil	Nil	Nil	Nil

10. PRODUCTION & RESERVES

a) Reserve as on 1.4.2016

Name of	Pro	ved	Prol	Probable		Possible		otal
Mineral	Qty.(t)	Grade	Qty.(t)	Grade	Qty.(t)	Grade	Qty.(t)	Grade
Quartz	The Total	Mineable re	177521	-				
Feldspar							177521	-
Vermiculite		-						
Mica							23669	-

^{*} The updated reserves are not furnished due to non- receipts of returns. The draft violation letter for rule 45(5)(b)(i) & 45(5)(c)(i) is being sent to RCOM, IBM, Hyderabad for further action.

b) Annual production

Year	Minerals	Production(t)	Dispatches/Sale	Closing stock(t)
2010-11	Quartz			
	Feldspar	AR Not submitted		
	Vermiculite			
2011-12	Quartz	AR Not submitted		
	Feldspar			
	Vermiculite			
2012-13	Quartz	AR Not submitted		
	Feldspar			
	Vermiculite			
2013-14	Quartz	338	-	350
	Feldspar	228	-	387
	Vermiculite	95	-	245
2014-15	Quartz	AR Not submitted.		
	Feldspar			
	Vermiculite			
2015-16	Quartz	AR Not submitted.		
	Feldspar			
	Vermiculite			

^{*} The updated reserves are not furnished due to non- receipts of returns. The draft violation letter for rule 45(5)(b)(i) & 45(5)(c)(i) is being sent to RCOM, IBM, Hyderabad for further action

11. SUB-GRADE MINERAL AND MINERAL REJECT

a) Sub-grade mineral = No generation of sub-grade mineral.

Name of Mineral		Quantity genera - ted	Quantity Consu -med	% uti- lisation	Quantity Stacked	Nature of Utilization	Grade of Sub- grade
Willicial	Cumulative at the End of previous Year1-4-2016	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. RE	CLAMATION/REHABILITATION OI	WASTE DUMP - Area:	Nil	(ha)
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13. PLANTATION

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

PART - II :: TECHNICAL DETAILS/COMMENTS

Details about average employment Maximum number of persons employed on any day during the year = NIL

Classification	Direct	Contract	Total	Av. no of	Opencast /
				Days worked	Underground
Managerial					
				Annual returns not	
Supervisory				submitted from 2012-	
				214-15 to 2015-16. The	
Workers				necessary violation is	
				being pointed out.	
Ministerial					
Employment in					
Plant					
Others					

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

Expenditure in Rs.

	Conord	Dranagad	Dropood	In aurena d	Inguirmed	Domorko	
SI.	General	Proposed	Proposed	Incurred	Incurred	Remarks	
No.		For previous	For current	In previous	so far		
		year	year	year	(in Lakhs)		
		(in Lakhs)	(in Lakhs)	(in Lakhs)			
1	2	3	4	5	6	7	
1a	Housing						
1b	Water Supply						
1c	Sanitation						
1d	Health						
1e	Safety						
1f	Medical facility						
2	Training		NIL				
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 03.06.2008 and contravention of rule 12(3) & 42(1)(b)(ii) were observed, In this regard, lessee replied and asked for time to submit the Scheme of Mining under rule 12(3). But the same were not yet complied and still continuing the violation under MCDR 2017, rule 11(3), 45(5)(b)(i).& 45(5)(c)(i). Accordingly draft violation letter is being sent to RCOM, IBM, Hyderabad for further action.

Further, as per office records for rule 12(3) & 13(1) of MCDR, 1988, Violation cum Show Cause Notice has been issued to lessee from RCOM, IBM, Hyderabad on 22.05.2012. Due to non compliance of said violations, Mining operations were suspended on 29.06.2012.

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
A. Exploration (Rule 13)			
a. Type of prospecting & exploration i.e.,pitting, drilling etc.b) Total area covered	-	The existing pits were developed to win the deposit.	

B. Working			
(Rule – 13)			
a. Number and	-	20x20x08	The validity of approved
size of each pit		05x05X04	mining plan expired on
(LxWxH)		10X04X04	and no further SOM is
		04X01X02 (Trail pit)	submitted. As such
		04X01X02 (Trail pit)	violation of rule 12(3) is
		04X01X02(Trail pit)	being pointed out.
		04X01X02 (Trail pit)	The status of existing
		04X01X02(Trail pit)	pits furnished.
		04X01X02(Trail pit)	
b. Bench size	-	Regular	-
(LxWxH) length			
cab be defined			
as regular/ irregular			
c. Ore to waste			
ratio pit-wise,			
if possible,			
otherwise for mine			
d. Total area	-	0.5 ha.	-
covered under			
excavation/pits			
C. Waste dis-			
posal(Rule 13)			
a. Location of dumps	-	East of lease area.	-
b. Method of dumping	-	Advancing.	-
whether			
advancing/ retreat			
c. Total area	-	0.02	-
covered under waste dump			
d. No.and size of each waste	-	30X20X3.0	-
dump with No.of			
steps/lift/bench			
e. Yearly gene-	-	600 cu.m	-
ration of waste quantity			

6. Conservation of Mineral – both quantitative and qualitative.

Beneficiation (Rule 20 and 26)	
Efforts for improving low grade and sub-	Manual picking and sorting.
Grade mineral	
Efforts for improving percentage of	-
Recovery of ore.	
Mineral (Rule – 15)	
No.of benches in ore and waste	Ore-1; waste=01
Percentage of recovery of ore pit-wise w.r.t	30% recovery is expected in total material
ROM and total material	70% recovery in ROM.

Sub-grade mineral/fines(Rule - 16)	No generation of sub-grade mineral.		
Separate stacking from waste	0		
Location of stacking	0		
Total area covered for stacking	0		
No. and size of each stack	0		
TVO. UTIG SIZE OF CUCIT STUCK			
Quantity of yearly generation and total	No sub-grade mineral being generated.		
Quantity available during inspection with			
Grade			

Environment Management – both quantitative and qualitative. A. Land environment 7.

a. Landscape	The area is in undulated plain, on southern side seasonal agriculture lands exist. No streams surface water courses have been observed.			
b. Aesthetic environment	There is nothing to comment or to highlight on this aspect.			
c. Soil and land use pattern	Negligible soil removed is found thrown all around the workings.			
d. Agriculture	On the southern side there is paddy agriculture land which is closely located with the lease area.			
e. Forest (flora and fauna)	The area doesn't fall in forest and reserve area.			
f. Vegetation	Except some thorny bushes no vegetation is found			
g. Public building, places and monuments (protected, historical), place of worship and places of tourist importance.	No such things exist in and around the lease area.			
B. Water environment				
a. Surface water	No surface nallas or rills are observed in the lease hold.			
b. Ground water	There is a bore well provided for workers for drinking purpose. Seepage of water at 10m depth.			
c. Quality of water	The bore well water is used by workers for drinking. The water is not analyzed. However no adverse is reported.			
C. Air environment				
a. Noise	No adverse is observed to report against this item being worked as manual mine.			
b. Air	The air analysis has not been done and no adverse is reported. Being manually operated, monitoring is not applicable.			
c. Climatic condition	The climate is tropical, dry, humid & seasonal.			
D. Socio economic environment				
a. Social and demographic profile	Local villagers are basically depending on agriculture.			

b. Recommending health and safety	Nothing specific except for protective safety appliances.
c. Human settlement	Human settlements except in the buffer zone consisting of 6 villages.
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.

The Annual Return for 2014-15 & 2015-16 have not submitted by party However, the Annual return for 2013-14 has been scrutinized. The comments are as follows:

Cost of Production: Rs. 420/-

Reserves : Not furnished

Production : Quartz = 338 t, Feldspar = 228 t, Vermiculite = 98 t.

pit's mouth value : Quartz=Rs 400/-, Feldspar= Rs.200/-, Vermiculite=Rs. 300/-

land use pattern : Consists of degradation of area by 03 pits.

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: 27.04.2017. (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/Fels-15 To

Shri G.Ravikumar, Proprietor M/s Ceramic Raw Material Services, 15/330, Varada Nagar GUDURU-524 101 SPSR Nellore district(AP)AP)..

Sub: Violation of Provisions of MCDR 2017 in respect of your Sree Sairam Mines Mica, Quartz Feldspar & Vermiculite Mine in Theepanur (V) & Chillakur (M), SPSR Nellore district of State Andhra Pradesh over an extent of 16.12 ha. reg.

Dear Sir.

The following provisions of Mineral Conservation and Development Rules, 2017 were found violated in your above mine during inspection on 10.03.2017 by D.P.Ravikumar, Assistant Mining Geologist, Indian Bureau of Mines, Sub-Regional Office, Nellore, accompanied by your representative Shri M. Laxmi Narayana Raju.

Rule No.	Nature of violation observed
11(3) of MCDR 2017 Read with provision of sub- rule(1) of rule 17 of the Minerals (other than Atomic and Hydro Carbon Energy Minerals) Concession Rules 2016	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 Mining Plan for above mine was approved on 22.05.2003 for a period of five years. The proposed period of approved Mining Plan expired and no Scheme of Mining was submitted for the subsequent period so far.
45(5)(b)(i)	Monthly returns in F-1 from January 2015 to March-2017 have not been submitted to the Regional Controller of Mines, IBM, Secunderabad so far as required under this rule.
45(5)(c)(i)	Annual return in G-1 for the year 2010-11, 2011-12, 2012-13, 2014-15 & 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.
- O3. 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,

N.O.O.:

Copy for kind information to :-

- I. 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

TelFax No. 0861-2327294
Mail Id. <u>ibmnlr@yahoo.co.in</u>
ibmnlr@gmail.com

D.No.26-II-830, Flat No.86, 8th Cross Road, Jyothi Nagar, Vedayapalem, AK Nagar (PO), Nellore-524004.(A.P)

Dated:27. 04.2017.

AP/NLR/Fels-15

To

The Regional Controller of Mines Indian Bureau of Mines Secunderabad.

Sub: MCDR inspection report of Sree Sairam Mines Mica, Quartz Feldspar & Vermiculite Mine in Theepanur (V) & Chillakur (M), SPSR Nellore district of State Andhra Pradesh over an extent of 16.12 ha. reg. owned by M/s Ceramic Raw Materials.

Sir,

The above inspection report by D.P.Ravikumar, Assistant Mining Geologist in respect of his inspection on 10.03.2017 is forwarded herewith.

- 02. Violations of MCDR 2017 have been found. The draft violation of the same has already sent to RCOM, Secunderabad for 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