



**MINING PLAN  
INCLUDING  
PROGRESSIVE MINE CLOSURE PLAN**

(Submitted Under Rule 37G & 37E VI of RMMCR, 1986 for working lease area)  
OF

**GADI KA GAON SANDSTONE MINE, ML. No. 07/93**

VILLAGE-GADI KA GAON , TEHSIL-MANDRAIL

DISTRICT-KARAUJI, STATE-RAJASTHAN

TOTAL LEASE AREA-4.553 Hect (NON-FOREST)

LEASE PERIOD FROM 3/12/83 TO 02/12/2013

PERIOD OF MINING PLAN FROM 1/04/2013 TO 31/03/2018

**Lessee**

**M/S BUDHO DEVI**

W/O Late sh. Ganesh ram

R/O Old trunk union

District & tehsil: Karuli (Rajasthan)

Approved Vide Letter No. 1297-1302  
SME/Bharat Cr. Mining Plan/Scheme/  
Dt. 14/11/07 7/93

**Prepared By**

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Reg. No. RQP/AJM/242/2003/A,

Valid up to 21/05/2023

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अधीक्षक खान, अभियन्ता  
खान एवं भू- विज्ञान विभाग  
भारतपुर वृत्त, भारतपुर (राज.)

**M/S BUDHO DEVI**

W/O Late sh. Ganesh ram

R/O Old trunk union

District & tehsil: Karuli (Rajasthan)



**AUTHORISATION LETTER BY THE LESSEE**

I, Narshi Lal Meena (PAH) hereby authorise Shri Arun Kumar Yadav RQP No.RQP/AJM/242/2003/A to prepare the Mining Plan including Progressive mine closure Plan under rule 37G & 37 E(VI) of The Rajasthan Minor Mineral Concession Rules, 1986 in respect of Gadi Ka Gaon Sandstone mine, M.L.No. 07/93 over an area of 4.553 hectare for mineral Sandstone Village - Gadi Ka Gaon , Tehsil - Mandrail, District - Karauli, State - Rajasthan

I request the Superintending Mining Engineer, Department of Mines & Geology, Karauli to make further correspondence regarding modification / withdrawal / re-submission and to collect the approved copies of the aforesaid Mining Plan including Progressive mine closure Plan with the said recognized person on his following address:

**Arun Kumar Yadav**

RQP /AJM/242/2003-A

Validity up to 21<sup>st</sup> May 2023

Address of RQP-501,

5<sup>th</sup> Floor, Apex Tower,

Tonk Road, Jaipur-302015

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T-0141-2744509(O), M-+91-9460221084

Place: Karauli

Date:

राजीव प्रताप सिन्हा  
आधिकृत प्रातानाधि/म मन्त्र  
(Narshi Lal Meena)

(PAH)



## ARUN KUMAR YADAV

AMIE (Mining), FCC [Metal (R)], RQP, Surveyor (Coal & Metal), EIA Coordinator

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Tel No.- +91-141-2744509, Mobile No.- 9460221084

### CERTIFICATE

I Arun Kumar Yadav hereby certify that

1. "The provisions of The Rajasthan Minor Mineral Concession Rules, 1986 have been observed in the Mining Plan including Progressive mine closure Plan for Gadi Ka Gaon Sandstone Mine, M.L.No. 07/93 over an area of 4.553 hectare for mineral Sand stone in village - Gadi Ka Gaon , Tehsil - Mandrail, District - Karauli, State - Rajasthan and wherever specific permission is required the lessee will approach the concerned authorities of Department of Mines & Geology for granting the permission."
2. It is also certified that the provisions of Mines Act, Rules and Regulations made there under have been observed in the aforesaid Mining Plan including Progressive mine closure Plan and wherever specific permissions are required the lessee will approach the Director General of Mines Safety.
3. It is further certified that the aforesaid Mining Plan including Progressive mine closure Plan is prepared as per the copies of the records and documents provided by lessee and information given as per discussions held with Lessee representative.
4. It is also certified that the information furnished in the aforesaid Mining Plan including Progressive mine closure Plan are true and correct to the best of my/ our knowledge & belief and in case of default the approval would be withdrawn.
5. It is also certified that the plans and sections are prepared based on the lease map authenticated by the state Governments.

Place: Jaipur

Date:

Arun Kumar Yadav

RQP/AJM/242/2003/A

Validity:-21<sup>st</sup> May 2023

ARUN KUMAR YADAV  
RQP/AJM/242/2003/A  
Valid upto 21 May 2023



**M/S BUDHO DEVI**

W/O Late sh. Ganesh ram

R/O Old trunk union

District & tehsil: Karuli (Rajasthan)

**CERTIFICATE**

1. It is certified that the provisions of Mines Act, Rules and Regulations made there under have been observed in the Mining Plan including PMCP for Gadi Ka Gaon Sandstone Mine, M.L.No. 07/93 over an area of 4.553 hectare for mineral Sandstone in Village -Gadi Ka Gaon , Tehsil-Mandrail, District-Karauli, State-Rajasthan and wherever specific permissions are required, the lessee will approach the Director General of Mines Safety. Further, the standards as prescribed by DGMS in respect of miner's health will be strictly implemented.
2. The Mining Plan including PMCP for Gadi Ka Gaon Sandstone mine, M.L.No. 07/93 over an area of 4.553 hectare for mineral Sandstone in Village - Gadi Ka Gaon , Tehsil-Mandrail, District-Karauli, State-Rajasthan complies all the statutory Rules, Regulations, Orders made by the Central Government or State Government, Statutory organizations, Court etc. and have been taken into consideration. Wherever any specific permission is required, the lessee will approach the concerned authorities.

Place: Karauli

Date:

भास्ती - ये. के. केदार बुद्धोदेवा  
  
मुख्य अधिकारी प्रतिनिधि/वार्डनर  
(Narshi Lal Meena)

(PAH)

**M/S BUDHO DEVI**

W/O Late sh. Ganesh ram

R/O Old trunk union

District & tehsil: Karuli (Rajasthan)



**DECLARATION**

1. The Mining Plan for Gadi Ka Gaon Sandstone Mine, M.L.No. 07/93 over an area of 4.553 hectare for mineral Sandstone in Village - Gadi Ka Gaon , Tehsil - Mandrail, District - Karauli, State- Rajasthan has been prepared in full consultation with me and I understand its contents and agree to implement the same in accordance with law and in case of default the approval would be withdrawn.
2. It is further declared that during the pendency period of the approval of above said document or thereafter if any change occurs in the name and address of lessee, it will be informed promptly.

वासने-मै. देवेदार बुधोदेवी  
अधिकृत प्रतिनिधि/पार्टनर

Place: Karauli

Date:

(Narshi Lal Meena)

(PAH)

## M/S BUDHO DEVI

W/O Late sh. Ganesh ram

R/O Old trunk union

District & tehsil: Karuli (Rajasthan)



### UNDERTAKING

1. I, Narshi Lal Meena (PAH )for Gadi Ka Gaon Sandstone mine, M.L.No. 07/93 over an area of 4.553 hectare for mineral Sandstonein Village Gadi Ka Gaon , Tehsil-Mandrail, District-Karauli, State-Rajasthan of Shri Laxmi Narayan Sharma hereby undertake that all the commitments so made in the aforesaid Mining Plan by the RQP Arun Kumar Yadav to be deemed to have been made with my knowledge and consent and as such shall be acceptable to me and binding on me in all respects.
2. I, Narshi Lal Meena (PAH )authorized signatory for Gadi Ka Gaon Sandstone mine, M.L.No. 07/93 over an area of 4.553 hectare for mineral Sandstonein Village Gadi Ka Gaon , Tehsil-Mandrail, District-Karauli, State-Rajasthan of Shri Laxmi Narayan Sharma hereby also undertake that all the measures proposed in this Mining Plan will be implemented in a time bound manner from the date of approval of this Mining Plan as proposed.

Place: Karauli

Date:

राजस्थान-सै. जे.के.देवार २.के.देवी

अधिकृत प्रतिनिधि/पार्टनर  
(Narshi Lal Meena)

(PAH)

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## CHAPTER – 1



### 1. General Information about Lessee: (Annexure No. 1)

#### (a) Name and address of Lessee

**M/S BUDHO DEVI**

W/O Late sh. Ganesh ram

R/O Old trunk union

District & tehsil: Karuli (Rajasthan)

#### (b) Status of the Lessee:

Firm and have been four partners

First party

1. Smt.Suraj bai W/O Ram Kumar Meena
2. Sh.Prakash chand S/o Late Sh .Ganesh Ram Meena
3. Sh. Munshi Lal Meena S/O Late Sh. Ganesh Ram Meena ,Purani truck union Karauli,Tehsil & District- Karauli

Second Party

- 4 Sh. Narshi Lal Meena S/O Late Sh. Ganesh Ram Meena ,Purani truck union Karauli,Tehsil & District- Karauli

#### (c) Name & Address of authorized person, who prepared the MINING PLAN : (Annexure No. 2)

**ARUN KUMAR YADAV**

RQP / AJM / 242 /2003 / A

Valid Date– 21<sup>st</sup> May 2023

501, 5<sup>th</sup> floor, Apex Tower,

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Mobile No. - 9460221084

## CHAPTER – 2



### 2. Details of the Mining Lease

- a) M. L. No: - 07/93  
b) Name of the Mineral: - Sand Stone  
c) Demarcation report of the mining lease with plan (Enclose Copy of Site Plan /Demarcation: - Annexure No: - 4 & 5

#### Demarcation Report

From	To	Bearing	Distance (m)
FRP	X	229 <sup>0</sup> 00''	200
X	X'	315 <sup>0</sup> 00''	210
X'	Y	193 <sup>0</sup> 00''	115
Y	Z	216 <sup>0</sup> 00''	40
Z	A	267 <sup>0</sup> 00''	390
A	B	297 <sup>0</sup> 00''	250
B	B1	27 <sup>0</sup> 00''	85
B1	B2	130 <sup>0</sup> 00''	220
B2	B3	27 <sup>0</sup> 00''	78
B3	B4	310 <sup>0</sup> 00''	52
B4	B5	27 <sup>0</sup> 00''	110
B5	B6	297 <sup>0</sup> 00''	48
B6	B7	27 <sup>0</sup> 00''	140
B7	D	117 <sup>0</sup> 00''	132
D	A	260 <sup>0</sup> 00''	400

FRP- Centre point of Bhadrawati & Mandrail

- d) Key Plan of the area: - Plate No. 2  
e) Location Map of the Mining lease, showing the details of the approach roads up to the mine.

f) Details of the Mining Lease:-

District & State	Village & Tehsil	Status of Land	G.T. Sheet No.	Khasra No.	Area in Hect.	Lease Period
Karauli & Rajasthan	Gadi Ka Gaon & Mandrail	Gair Mumkin Pahar, Siwaichak	54F/3	761,1224,1228	4.553	20Year (3/2/1983 to 02/12/2013)



## **Infrastructure Facilities:-**

- 2.2.1:- Railway Station:** - The nearest Railway Station is at Hindonn City which is located on 40 km. from mine site.
- 2.2.2:- Police Station:** - The nearest Police Station is Langra which is about 4 km mine site.
- 2.2.3:- Post Office:** - The nearest Post office is Harnagar situated at a distance of 4 km from the mine site..
- 2.3.4:- Medical Facilities:** - The nearest Hospital is situated at Langra City which is about 4 km from mine site.
- 2.3.5:- Availability of water:** - Water for drinking purpose is brought from nearby village-Gadi Ka Gaon . The water of hand pump and well located nearby area has potable & drinkable quality, the villagers and habitants and labors are uses this water since long. Water required for dust suppression will also supplied from the well by Water tanker brought on hire basis.
- 2.2.6:- Electricity:** - There is no electric line passing through the mine area. But the proposed mining and mineralized area is about 1.0 km. away from Village Gadi Ka Gaon where electric line/pole is available.,
- 2.2.7:- Educational Facilities:-** The school facilities are available up to Secondary in village Gadi Ka Gaon 1.0 Km & higher education is available at Langra.
- 2.2.8:- Mode of transportation of Mineral:** - The mine is approachable National Highway 11E passing from -Mandrail-Gadi Ka Gaon- Shikarganj. . To reach at the mine, metalled road is up to the site. Via-Mandrail – Binagai-Masalpur-Gadi Ka Goan (plate no 2) (Plate No.2, location plan) Mineral will be transported by truck/Dumper from Mine site
- 2.3.9:- River/ Canal:** - Within five km. radius of the lease area, there is no River or nala is flowing.
- 2.3.10:-Port:-**The nearest port is Kandla port which is about 1050 Km from Mine site
- 2.3.11:- Other relevant information:** - Banking and all other facilities are available at Karauli which is about 15 km. from mine site.



## CHAPTER – 3

### **GEOLOGY**

**No. of existing Mining Pits: - One**

**Dimension: - Pit: Length-205 m, Width-87m, Depth- 7 m**

**Location:- 200<sup>0</sup>N -175<sup>0</sup>N TO 05<sup>0</sup>E-90<sup>0</sup>E**

**Surface Geological Plan-Plate No.-4**

#### **a) Physiography & Drainage:-**

The lease area Falls In Gt Sheet No 54f/3. located 1 km SSE From village Gadi Ka Gaon . The area for which Mining Plan is prepared is Plain area. The lease area is occupied by Sandstone and Alluvium. The highest altitude 334.77 mRL and lowest altitude 330.06 mRL in lease area. The level difference is 4.71 m.

There is no protected or reserved forest in the lease area. General drainage pattern is south eastern side of the lease area. There is no village within the lease area.

**Surface Geological Plan Refer Plate No - 4**

#### **Vegetation**

The lease area is free from any type of vegetation, only few thorny bushes are present in and around the lease area.

#### **Climate**

The area is characterized by semi arid type with an average annual rainfall of about 598 mm. which is mainly received during July to September. The minimum temp recorded as 2° C during winter whereas maximum temp recorded during summer is 47° C. General Wind direction is south west to north east.

#### **b) Geology of the area**

##### **i) Regional Geology**

Geologically the district comprises rocks belonging to Pre Aravalli, Delhi & Vindhyan Supergroup. The oldest rocks of Bhilwara Supergroup occupying a large part of the district exposed in the central portion from North East to South West. The high grade metamorphic rocks forming the basement include granite gneiss, Migmatite, garnetiferous mica schist's etc. The low grade metamorphic rocks forming Hindoli Group comprise shale, slate, Phyllite limestone dolomite an

quartzites. The Bhilwara Supergroup is uncomfortably overlain by rocks of Delhi Supergroup and Vindhyan Supergroup.

The rocks of Delhi Supergroup occupy North Western part of district exposed as narrow strip between TodaBhim and Lewale. The rocks include quartzite and schist with basic intrusive. The general trend of these rocks is NE-SW with moderate to high dips due NW. The Vindhyan Supergroup occupies a major part of the district. The rocks are separated from the Bhilwara Supergroup by a major reverse fault known as Great Boundary Fault. The lower most Semri Group is represented by basal conglomerates. Tirohan shale, breccias and lime stone having scattered exposures. The Kaimur Group comprises conglomerate to gritty & pebbly sand stone exposed east of Hindaun. The Rewa Group of rocks comprise alternate shale and sandstone horizons, while the upper most Bhandar Group occupies most extensive area in the district. The lower most bed is Ganurgarh shale. Lower Bhandar limestone occupies hill slopes. In Karauli area, Sirbu shale with limestone and upper Bhandar sand stone are youngest formations. The sand stone is flaggy and mined extensively in the district. The quaternary sediments representing scree, talus, Aeolian & alluvial deposits occupy a large part of the district occurring as thin to moderately thick layer. The generalized and modified litho stratigraphic sequence is as under:





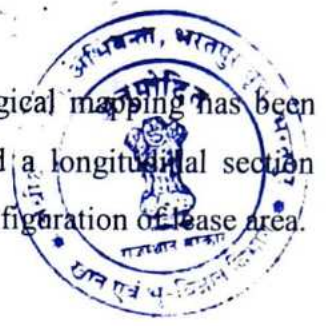
RECENT	Quaternary	Alluvium
VINDHYAN SUPERGROUP (570-1400M.Y.)	Bhander Group	Upper Bhander sand Stone Sirbu Shale Lower Bhander sand Stone Samaria Shale Lower Bhander Lime Stone Ganurgrah Shale
	Rewa Group	Upper Rewa Sand Stone Jhiri Shale Lower Rewa Sand Stone Panna shale
	Kaimur Group	Sand Stone, Shale and Conglomerate
..... UNCONFORMITY .....		
	Semri Group	Tirohan Hematite, Shale, Breccias and Lime Stone, Suket Shale.
.....UNCONFORMITY.....		
DELHI SUPER GROUP (1400-2000 M.Y.)	Alwar Group	Quartzite, Conglomerate, Mica Schist.
.....UNCONFORMITY.....		
Intrusive granite & Basic intrusive		
Bhilwara Super Group (Pre-Aravalli Formation)	Ranthambhor Group Hindoli Group	Quartzite Shale & Slate. Shale, Slate Phyllite, Limestone Dolomite, Quartzite, Schist and Quartzite. And Gneiss, Migmatite, Mica Schist Gemetiferous Mica-Schist and Amphibolites (Equivalent to Mangalwar Complex of Chittorgarh

**ii) Local Geology:-**

Sub Recent to Recent	-	Alluvium and Sand
Vindhyan super group	Bhander Group	Upper Bhander Sandstone

Surface geological mapping has been done on a scale of 1:1000 to understand the structural configuration of the lease area. Geological cross-sections and longitudinal section are prepared on a scale 1:1000 (V), 1:1000 (H) so as to understand the structural configuration of the lease area.

In the present area only Sandstone is available



To understand the structural configuration and the applied are surface geological mapping has been prepared on a scale of 1:1000. Geological cross-sections are also drawn and a longitudinal section prepared on a scale 1:1000 (V), 1:1000 (H) so as to understand the structural configuration of lease area. In the present area only Sandstone is available.

**c) Method of Estimation of Reserves.**

Based on available information and exposed Sandstone at various places, it can be said that the complete lease area can be considered as a mineralized area. Besides, following points have been considered for reserve calculation.

- (i) Average 1 m cover has been considered as overburden waste .
- (ii) Average 10 m depth of Sandstone has been considered for proved category of reserves.
- (iii) Average 10 m depth of Sandstone below proved category has been considered for probable category reserves.
- (iv) Average 5 m depth of Sandstone below probable category has been considered for possible category reserves.
- (v) 2.4 tonnes /m<sup>3</sup> have been considered as a Bulk density of Sand Stone.
- (vi) Recovery of Sandstone is 60% of total reserves.
- (vii) Recovery of Sandstone is 60%, 40% is mineral reject of total reserves.

**reserves estimation: -**

To understand the structural configuration and working Sandstone area, geology of the area, surface geological mapping has been prepared on a scale of 1: 1000. Geological cross-sections are also drawn and a longitudinal section prepared on a scale 1:1000 (V), 1:1000 (H) so as to understand the structural configuration of the Sand Stone. The base line information for computation of the reserves has been generated based on geological information and parameters observed in the working pit in the areas accordingly the surface geologically plan had been prepared and also the geological section have been drawn. Based on the experience gained at the time of survey, the estimated reserves have been divided into proved, probable & possible category. The reserves for Sandstone have been calculated based on cross- sectional area method.

**I Proved Reserves:**

$$\begin{aligned} \text{Reserves} &= \text{Cross- Sectional Area (m}^2\text{)} \times \text{influence length (m)} \times \text{Bulk Density (t/m}^3\text{)} \times \\ &\quad \text{Recovery factor (\%)} \\ &= 1778 \times 360 \times 2.4 \times 0.6 \\ &= 921715\text{MT} \end{aligned}$$

## II Probable Reserves:

$$\begin{aligned}\text{Reserves} &= \text{Cross- Sectional Area (m}^2\text{)} \times \text{influence length (m)} \times \text{Bulk Density (t/m}^3\text{)} \times \text{Recovery factor} \\ &\quad (\%) \\ &= 592 \times 360 \times 2.4 \times 0.6 \\ &= 306892 \text{ MT}\end{aligned}$$



## III Possible Reserves:

$$\begin{aligned}\text{Reserves} &= \text{Cross- Sectional Area (m}^2\text{)} \times \text{influence length (m)} \times \text{Bulk Density (t/m}^3\text{)} \times \text{Recovery factor} \\ &\quad (\%) \\ &= 592 \times 360 \times 2.4 \times 0.6 \\ &= 306892 \text{ MT}\end{aligned}$$

$$\begin{aligned}\text{Total I Reserves} &= (\text{Proved} + \text{Probable} + \text{Possible}) \text{ reserves} \\ &= 921715 + 306892 + 306892 \\ &= 1535499 \text{ MT}\end{aligned}$$

## Mineable Reserve

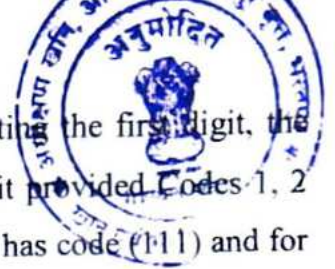
For estimation of mine able reserve the following parameters have been taken into consideration:

- i) Statutory barriers of 7.5m are not mineable.

**.The mineral reserves are computed as per UNFC. The reserves are as follows: -**

### Reserves of Sand Stone

Total Mineral Resources (A+B)	Code	Reserves
A. Mineral Reserves		
Proved Mineral Reserves	111	921715 tonne
Probable Mineral Reserves	121 & 122	306892 tonne
B. Remaining Mineral		
Feasibility Mineral Resources	211	tonne
Prefeasibility Mineral Resources	221 & 222	tonne
Measured Mineral Resources	331	Nil
Indicated Mineral Resources	332	Nil
Inferred Mineral Resources	333	Nil
Reconnaissance Mineral Resources	334	Nil



### A. Details of UNFC classification

UNFC is a three digit code based system, the economic viability axis representing the first digit, the feasibility axis the second digit and the geological axis the third digit. Each digit provided Codes 1, 2 and 3 in decreasing order. The highest category of resources under UNFC system has code (111) and for lowest category the code is (334).

Code (111): This code is provided for the economically mineable part of the measured mineral resources (proved category reserves).

Code (121): This code is provided for the economically mineable part of the indicated mineral resources (probable category reserves).

Code (211): The part of the measured mineral resources (proved category), which as per feasibility study has not found economically mineable. The reserves blocked in 7.5 meters buffer zone and 45 meters from permanent structure.

Code (222): The part of the indicated mineral resources (probable category), which as per feasibility study has not found economically mineable. The reserves blocked in 7.5 meters buffer zone and 45 meters from permanent structure.

Code (333): Tonnage, Grade and mineral contents can be estimated with low level of confidence and resources are also inferred from geological.

### Life of mine

We are considered average production of 63,000 MT of Sandstone per annum Sandstone from the mine.

Life of mine = Total mineable reserve/ Av. Annual Production

$$= 1535499 / 63,000$$

$$= 24 \text{ Years}$$

$$= \text{say } 24 \text{ years}$$



## CHAPTER-4

**Details of production and dispatches of last five years:-**The details of Production and dispatched of last five year are as follows:-

<b>Year</b>	<b>Production (MT)</b>	<b>Dispatches(MT)</b>
2008-2009	2520	2520
2009-10	3465	3465
2010-11	3456	3456
2011-12	3810	3810
2012-13	3097	3097

## CHAPTER-5

### **Physical & Geological Characteristics of the deposit**

Form	- Massive Bedded
Colour	- Reddish Brown
Structure	- Current bedding
Texture	- Fine to medium grained
Luster	- Dull
Transparency	- Opaque
Hardness	- 6.5 to 7 on Moh's scale
Specific gravity	- 2.4t/m <sup>3</sup>
a. Compressive Strength	- 6.3-214MPa
b. Tensile Strength	- 4-25MPa

## CHAPTER-6



### **DETAILS OF THE MINING MACHINERY DEPLOYED OR TO BE DEPLOYED AND THEIR DETAILED**

Mining in Sandstone mine is done by semi-mechanized method, following machinery deployed or to be deployed during the course of mining in the Sandstone mine lease area.

#### **Mining Machinery to be deployed**

<b>S. No.</b>	<b>Machine</b>	<b>No's</b>
1	Air Compressor	1
2	Jack Hammer	3
3	Wagon Drill Machine	2
4	Derrick Crane	2
5	Loader cum Excavator	2
6	Dumper	3
7	Tractor	2
8	Water Pump	1

# CHAPTER-7

## METHOD OF MINING



### a) Proposed Year wise development for five Years:

The period of first year (2013-14), has already been passed.

The period of second year (2014-15), has already been passed.

The third year (2015-16), has already been passed.

During the period of fourth year (2016-17), it is proposed to develop one bench in Sand Stone. The work will be carried out along the section X-X', Y-Y' & Z-Z' at 332-326 mRL bench as shown on Plate 5. The details of bench-wise production during this year are given in Table 7.1.

In fifth year (2017-18), it is proposed to develop one bench in Sand Stone. The work will be carried out along sections X-X' Z-Z' at 326-320 mRL bench as shown on Plate 5. The details of bench-wise production during this year are given in Table 7.2.

**Table 7.1**

Details showing estimation of bench-wise production of minerals during 1<sup>st</sup> Year of mine planning.

Bench mRL	Volume	ROM (tonne)	Mineral Rejects(cum)	O.B. (m <sup>3</sup> )
332 mRL to 326 mRL	43750	10,5000	17500	2022

ROM =10,5000 tonne

Recovery of Sandstone(60%) = 63,000 tonne

Overburden waste = 2022 m<sup>3</sup>

Mineral Rejects =17500 m<sup>3</sup>

**Table 7.2**

Details showing estimation of bench-wise production of minerals during 2nd Year of mine planning.

Bench mRL	Volume	ROM (tonne)	Mineral Rejects((cum)	O.B. (m <sup>3</sup> )
326 mRL to 320 mRL	43768	10,5043	17507	2042

ROM =10,5043tonne

Recovery of Sandstone(60%) = 63026 tonne

Overburden waste = 2042 m<sup>3</sup>

Mineral Rejects =17507 m<sup>3</sup>



### 7.3 Year-wise production for the next Two years:

The details of proposed year-wise production are given in enclosed Table 7.1. The year-wise production of Sandstone and overburden has also been summarized in following Table 7.3.

**Table 7.3– Year-wise production of Sandstone and Overburden**

Year	Sandstone(MT)	Overburden (cum)	Mineral Reject (cum)
1 <sup>st</sup> Year (2013-14)	Year has already passed		
2 <sup>nd</sup> Year (2014-15)			
3 <sup>rd</sup> Year (2015-16)			
4 <sup>th</sup> Year (2016-17)	63,000	2022	17500
5 <sup>th</sup> Year (2017-18)	63026	2042	17507

Recovery of Sandstone is 60% of total reserve

In two year total Mineral Reject is 35007 Tonne.

#### a) Mine-able Reserve and anticipated life of the Mine:-

For estimation of mine able reserve the following parameters have been taken into consideration:

- Statutory barriers of 7.5m are not mineable.
- Recovery of Sandstone is considered 60% of total reserves.

#### b) Life of mine

We are considered average production of 63,000 MT of Sandstone per annum Sandstone from the mine.

Life of mine = Total mineable reserve/ Av. Annual Production

$$= 1535499 / 63,000$$

$$= 24 \text{ Years}$$

$$= \text{say } 24 \text{ years}$$

#### c) Proposed Method of Mining:-

It is a working lease; the mining is being carried out by open cast semi mechanized means. The lease area is covered with thick cover of soil. The bench height will be kept 6m. Accordingly benches of 6m height have been planned with width more than height of the bench. The Required Barrier along the Mining lease boundary shall be kept 7.5 m. as shown in the Plate (4, 5 & 6).

#### d) Conceptual Mining plan

The conceptual Mining Plan has been discussed up to anticipated life of the mine (24 years)



#### e) Blasting:

Blasting operations will be performed by competent person. Spacing and burden may change depending upon the field condition based on experience. In case of deep hole blasting prior permission will be taken from DGMS.

1. Spacing	:	1.0 m
2. Burden	:	0.8 m
3. Depth of hole	:	1.1 m
4. Tonnage of each hole	:	3 T
5. Charge per hole ANFO	:	0.5 Kg
6. No. of Cartridge	:	1
7. No. of hole per round	:	189
8. No. of round per day	:	2 to 3
9. No. of row	:	1
10. Wt. Of Cartridge	:	125 gm
11. Powder Factor	:	6.0 Tonnes/Kg

#### Type of Explosive to be used

1. ANFO (AN94%, FO 6%)
2. Slurry Explosive
3. Detonating Fuse
4. Ordinary Detonator /Electric detonator
5. Safety Fuse

#### Storage of Explosives

As mining Operation is on a limited scale, therefore, requirement of explosive will be very low. Therefore, No explosive will be stored at the mine site. Explosive required for blasting will be transported from nearby magazine in an approved explosive van and the residue explosive after blasting will be returned to the same magazine. There will not be any infrastructure and mining operation in 50 meter radius of magazine. Suitable provision of fencing, guard huts etc will be done as per Indian Explosive Act. Blasting operation will be done by blaster / mines manager appointed by the lessee.



## Safety Precautions

Steps will be taken to prevent any person approaching the shot. The safety precautions like efficient siren will be blown prior to the blasting and at the clearance of blasting.

## f) Mine Drainage

As the area is hilly and country rock is hard, the runoff water will be high and percolation of water will be low. All the surface water shall be flowing towards South Eastern direction.

The proposed Mining will start from above surface level, so there will be no effect on ground water level. The general ground water level in the area varies from 70-75 meter below ground level.

Therefore, ground water level will not be touched during first five years of mining. Pumping shall be done for collected water, if any, during rainy period of any time.

g) Surface Plan & Section, etc. (Plate No.-3)

## Ultimate Pit Limits

Presently, there are pits worked for mining of Sandstone will be mined for two years mining plan period.

The proposed mining will be started from the northern corner and to achieve the annual targeted production of 63000 TPA of Sand Stone. Single Bench of 6m Height & Width is proposed for the period of next five years. The mine planning has been given for existing pits by forming of systematic benches. In proposed mine planning, the limits of Pits will be 118m x 125m (average) x at the end of 2nd year as shown on year wise development plan of the area (Plate 6).. Waste rock management:

At the end of lease period, the total waste will be 77177.5 m<sup>3</sup>. The height of waste dump will be kept 8 m. A total of about 1597 m<sup>2</sup> area will be required for dumping the waste generated during the entire life of mine which will be disposed off on the excavated area.

At the conceptual stage of mining, the excavated pit will cover 42480 sq m area in which.



**7.5 I) Reclamation and Rehabilitation:**

The area is a working area. In the proposed five year workings the mineral will not be worked up to its ultimate pit limit. Hence, considering the depth continuity of the mineralization, no reclamation and rehabilitation of the mined out land is proposed (Refer Plate No. 6 & 7).

**J) Extent of the area covered and number of saplings to be planted:**

Presently about 10 saplings covering an area of about 220 m<sup>2</sup> are there in mining lease. During the period of next five years, about 250 saplings will be planted on the site as marked and shown on Plate 5. It will cover an area of about 5500 m<sup>2</sup>. The total area of plantation has been marked and shown on conceptual mine plan of the area (Plate 6).

## CHAPTER-8



Year wise annual Programme of Mining for next 2Years

Year	Sandstone
Fourth Year	63,000
Fifth Year	63026

## CHAPTER-9

### **DETAILS OF EMPLOYMENT**

Requirement of Technical, other staff and man power are as follows:

S.No.	Designation	Present	Additional	Qualification
1	Mining Engineer (Part time)	1	-	B.E. in Mining
2	Mines Manager	1	-	II class Mines Manager's Certificate
3	Mining Mate	1	1	Mining mate certificate
4	Geologist (Part time)	1	1	M.Sc. (Geology)
5	Surveyor (Part time)	1	1	Mine surveyor's Certificate
6	Time keeper cum Store keeper	1	-	Secondary
7	HEMM Operators	8	3	Certificate holder
8	Laborers	21	1	

It is proposed to employ labors on Contract basis.

## CHAPTER – 10

### **MEASURE TAKEN AND TO BE TAKEN FOR LAND RESTORATION, RECLAMATION AND PLANTATION IN / OR NEARBY LEASE AREA**

As the area has not been exhausted completely hence no measures for restoration and reclamation taken place. Lessee planted 10 saplings every year but few saplings could not survive due to scarcity of water. There are 10 numbers of plants exit in the lease area.

#### **MEASURES TO BE TAKEN:-**

As the reserve of the area is much more than Plan period, hence no measures proposed for land restoration & reclamation. The lessee will plant 5% of the lease area annually as per RMMCR, 1986 and approved Environment Management Plan.

#### **PROGRAMME FOR PLANTATION**

The area falls in semi arid zone and there is a shortage of water so a large-scale plantation is not possible. The rains are also scanty hence it is essential that the saplings should be such that they required minimum water and hence it is proposed to plant 40 saplings per year of the following:

1. Babool,            2. Vilayati Babool,            3. Khejari,            4. Amaltas,
5. Perkin Sonia,    6. Neem.

As per norms, 1.00 hectare area is required for planting 10 saplings /Year. Each year an area of 220 sqm will be used in plantation work. So, 1.13 ha area is required 4400 m<sup>2</sup> area for 40 saplings.

S. No.	Year of Plantation	Target of Plantation	Assumed survival	Replenishment of Casualties	Total
1	I Yr.	20	18	-	16
2	II Yr.	20	18	2	20
3	III Yr.	20	18	2	20
4	IV Yr.	20	18	2	20
5	V Yr.	20	18	2	20

**Place of proposed plantation:** - The plantation will be done on statutory barrier of 7.5 m, over backfilled area and in and around the lease area as shown in Plate No. 5.

## CHAPTER – 11



### MEASURE TAKEN AND TO BE TAKEN FOR PROTECTION OF ENVIRONMENT IN AND AROUND MINING LEASE AREA

#### Measures have been taken

To protect the environment in and around the mining lease area, in the last 10 years the lessee has reportedly planted 50 saplings per year but due to bad climatic conditions, no availability of water, the saplings could not survived. Also, due to poor maintenance of work place only 10 trees are remained there, for which regular water and protection was provided by the lessee and the workers. The lessee has also planted some trees near by the approach road but in absence of proper care, the same could not be survived. However, the proposed plantation for the next five years it is intended to provided tree guards for each saplings and regular watering.

#### PROTECTION OF ENVIRONMENT

##### i) Existing Land Use Pattern

Sandstone is mostly occupying the lease area. The surface texture varies from rugged terrain of debris and mild Gradient terrain covered by bushes. In the total lease area of 4.538 hect, the existing land use pattern is given in the format.

S. No.	Particulars of Area	Area in m <sup>2</sup>
1	Pits & Quarry	9848
2	Dumps of ores, waste and O.B.	nil
3	Infrastructure inclusive of Office, workshop and plants	Nil
4	Road	Nil
5.	Virgin Area	37432
	<b>Total Area</b>	<b>45538 m<sup>2</sup></b>

##### (ii) Water Regime

No surface water present in the lease area. These are serving the purpose of conveying rainwater into pond. The mine does not approach to ground water table. The water table is at about 70-75 m from surface in the area. The quality of water is reported to be potable.



**(iii) Flora & Fauna**

Few bushes can be seen in the area. Moreover there is no demarcated/protected forest close to the lease area. The protected wildlife animal in & around lease area is also not present.

**(iv) Climatic Condition**

The area is characterized by semi arid with an average annual rainfall of about 684 mm, which is mainly received during monsoon season of June to September. There is a large variation of temperature in the area. In winter, the minimum temperature goes to 8 °C & in summer maximum temperature is 42°C respectively. Relative humidity in the area is above 80% during the monsoon months but is below 20% during the months of March-May. Wind velocity in the area is medium.

**(v) Public buildings, places and monuments**

No such buildings, places and monuments exist in or nearby the area.

**(vi) Quality of Air**

The air quality is free from any pollutant.

**Impact of mining**

The sources of air pollution in the area due to mining will be mainly from dust generation by plying of trucks and dumpers on unpaved mine road. The dust is also generated due to emission of gases from different machineries.

**Remedies**

Water spray is suggested over the haul road during the working hours as well as over the filled material of the tippers to minimize the dust during dumping/ transportation.

**ENVIRONMENT**

Impact of mining on the Environment: The common adverse effect of mining on environment is as under:

**(A) Land Environment**

**(i) Landscape**

The landscape of this lease area is changed marginally by current mining operations. It will further increase due to proposed mining in the area. The total area of the lease which will be disturbed at the end of the proposed five years of mining will be around depth of 320mRL.

**(ii) Aesthetic Environment**

The area is having little aesthetic surrounding and there will be little effect on aesthetic environment by the mining activities and the proposed plantation will compensate minor impact.



**(iii) Soil and Land Use Pattern**

The soil cover in the area is very marginal and by the mining activities the soil will only be disturbed at the place of excavation, on the proposed dumping site it is having practically very little soil cover.

The land use will only be changed at the place where the mining activities will take place and the pit excavation will take place, the soil in the area is only very marginal.

**(iv) Agriculture**

The proposed mining will be done on Govt. waste Land. Therefore, there will be impact on agriculture land but the proposed mining is on very small scale so there will be no impact on agriculture by the proposed mining activities.

**(v) Forest**

The mining area does not fall in reserve forest. In the operating area the density of vegetation is also so poor and by the proposed pit development, no tree will be cut. Hence no more impact will take place on the forest.

**(vi) Vegetation**

The vegetation in mining area is in poor state, only some small bushes exist and as such no more effect will take place by mining activities on vegetation.

**(vii) Public Building, Places and Monuments**

No public building, places of monuments are exists in or nearby the lease area, so there will be no effect by mining activities on any public building, places and monuments.



**MEASURE TAKEN AND TO BE TAKEN FOR DUMPING OVERBURDEN STACKING OF TOP SOIL AND UTILISATION OF TOP SOIL**

**Measure Taken**

Soil utilized the 50% of the soil within the year for plantation and remaining stacked separately on statutory barrier. Dumping site for OB has been chosen such that natural water channel not get disturbed. A wall of rubble stone made around the dump to stop the lateral spread of the waste dump. Water garlands are also constructed around the waste dump to trap the silt contamination.

**DISPOSAL OF WASTE**

**Nature of Waste**

The mineral rejects waste with existing waste in the lease area will be generated about 42606 m<sup>3</sup> in the proposed five years working are given below in the table no. 5.6

**Table 5.6– The year-wise generation of waste rock**

<b>Years</b>	<b>Overburden waste (m<sup>3</sup>)</b>	<b>Mineral Reject (m<sup>3</sup>)</b>
4 <sup>th</sup> Year (2016-17)	Nil	17500
5 <sup>th</sup> Year (2017-18)	Nil	17507
<b>Total</b>	Nil	35007

**Dumping site**

The 8% of waste will be used by lessee to making retaining wall, haul road etc and remaining waste will be dump on statutory barrier.

## CHAPTER – 13



### **MEASURE TAKEN AND TO BE TAKEN FOR THE CONTROL OF WATER NOISE AND AIR POLLUTION:-**

#### **Measures taken for water, Noise & Air Pollution:-**

**Surface Water:-**There is no source of surface water in and around the mining lease area.

**Ground Water:-**working has not approached the ground water table, hence no measures taken.

**Noise:-**Machines are well maintained. Personnel protective equipment provided to all mine workers.

#### **Measures to be taken**

##### **(A) Water Pollution**

###### **(i) Surface Water**

No Nalah, spring or surface water is exists in the proposed mining area and hence there will be no effect on surface water due to mining activities.

###### **(ii) Ground Water**

The water table in the area is low as 70 m to 75 m from surface. There will be no discharge of toxic substance from proposed mining and hence due to proposed mining activities no impact on ground water will take place.

The proposed excavation for next five years will reach only up to 329mRL from the surface level, so it will be much above water table.

###### **(iii) Water Quality**

No impact will take place due to mining activities on water quality, as no toxic or polluted water will be discharged, neither the pit depth will go below water table.

##### **(B) Noise Pollution**

The source of the noise in mining particularly in this area can be due to

- (1) Mobile plant (Drilling, running of compressors etc.)
- (2) External Transport Plant related with supply of material running of trucks and dumpers etc.

(3) Explosive detonation, Sound waves etc. No sound pollution will be caused by above source, as the sound generated will be kept within permissible limit. The noise level during blasting

will be high but it will be for momentarily. Scientific blasting will be adopted and vibration will not take place.



**(C) Air Pollution**

**Dust**

The impact on the air due to mining activities can take place by following activities

Formation of Dust: following reason makes Formation of dust:

Running of external transport machinery like tractor, trucks in the mining area. Due to small scale mining impact will be very low in the form of small amount of air borne dust.

**(iii) Climatic Condition**

Climatic condition of area will have no change by mining activities, as the mining activities will be of a very limited nature, so there will be no impact of mining on climatic condition.

## CHAPTER – 14



### **CONTRIBUTION REGARDING THE SOCIAL DEVELOPMENT OF THE NEARBY RESIDENTS**

#### **(A) Social Development**

##### **(i) Social and Demographic Profile**

The Lessee shall spend 1% of profit for the development of the area. He may donate money in the school for drinking water, Books to the poor student, Medicine in the hospital for treatment of the poor, temple and other social work.

##### **(ii) Occupational Health and Safety**

To prevent the occupational disease the measure as proposed in drilling operation in previous columns will be taken. This will prevent the inhalation of the dust by the workers. The workers will be periodically medically examined under Rule 29(b) of Mines Rule. If any worker found to have contracted with any occupational disease he will be immediately removed from the affected area and will be provided with proper medical care as per provision of Mines Rule.

#### **Safety**

To prevent the worker getting any injury during work following measure will be taken:

- (i) The workers will be trained in vocational training whenever available in nearby area. Where they will get proper training in particular work area.
- (ii) They will be provided proper safety wearing and equipments such as hand gloves, safety boots, helmets, and lifeline etc.
- (iii) Proper benches will be formed.

Apart from this all safety precaution will be taken as per Act, Rules Regulation and Byelaws made there under.

##### **(iii) Human Settlement**

There will be no impact on human settlement by mining activities as the mining is small scale & mine is situated away from the nearby settlement. In spite of this mining in the area provides employment to the local inhabitants that help them to raise their living standards.

No impact will take place on the recreational facilities and hence no management plan is proposed.



### **Post Plantation Care:**

#### **(i) Protection from Grazing**

Protection from grazing will be done by erecting suitable boundary in the plantation area. As such in this area lessee will erect stonewall. This will protect plants from grazing.

#### **(ii) Watering during Dry Spell**

Watering will be done daily during 1<sup>st</sup> year from March to July, & thrice a week from September to February by water tanker/Over head tank in the plantation area. Thereafter each year watering will be done alternate day from January to June and once in Five day September to February. After five years no watering will be required.

#### **(iii) Manuring**

The manuring will be done while plantation work is taken up, for this purpose cattle dung will be mixed with the soil & dumped in the area that has chosen for plantation to increase the fertility of the soil.

#### **(iv) Protection from pest like white ant etc. will be done during the plantation and in the proposed pit**

10 gm of BSC powder will be given before plantation. After a few months liquid pesticide mixed with 100 times water will be spread near the planted sapling.

#### **(v) Replenishment of Casualties**

The loss of each year will be counted and in subsequent plantation casualties will be again planted at same place. This way in the end of 5 years 150 healthy trees will remain in the area giving proper density.

## CHAPTER – 15

### **DETAIL OF HEALTH CHECKUP AND INSURANCE OF ALL THE EMPLOYED PERSONS (FOR EXISTING LEASE)**



Initial and periodical Medical examination will be conducted annually for every person employed in the mines. 20% of the total employee gets examined medically every year, so that the entire person employed in the mine gets examined within five years as per Mines rules-1955.

#### **ANY OTHER INFORMATION**

Mr. Gouri Shankar Narayan (Geologist) has assisted in preparation of this Scheme of Mining including Progressive Mine Closure Plan, including Plans & Sections, Assessment of Reserves, Year Wise Development Plan, Conceptual Plan & Environment Plan etc.

Place : Jaipur

Date :

**(Arun Kumar Yadav)**

RQP/AJM/242/2003/A

Validity 21 May 2023



**PROGRESSIVE**

**MINE**

**CLOSURE PLAN**



## CHAPTER –1

### 1. INTRODUCTION

The area for which progressive mine closure plan is prepared is existing lease area in favor of M/S Budho devi of 4.5538 Hect of lease area falls in the survey of India Toposheet No. 54F/3 refer Plate No 2. The area is near Village- Gadi ka Gaon, Tehsil Mandrail, Distt.- Karauli. A key plan of the lease area and the surrounding area within 5 km radius showing details as required is enclosed plate No. 2. The summary of land covered in the M. L. area (4.533 Hectares) marked as per revenue record is given in chapter of Mining Plan. There is no protected or reserved forest in the lease area. The mineral Sandstone will be mined out by mechanized open cast method details are given in chapter-4 of Mining Plan.

#### 1.1 Reasons for Closure :

This area is existing mine and so reasons for closure of mine is not applicable at present.

#### 1.2 Statutory obligations :

This area is existing Mining lease area, The PMCP is preparing in Compliance of Rules 37E(VI) so statutory obligation for closure of mine is not applicable at present.

#### 1.3 Closure plan preparation :

##### Name of Applicant

M/S Budho Devi

W/O Late Sh.Ganesh Ram Meena

R/O Old Truck Union

Tehsil –Karauli

Distt-Karauli

##### Name address and Registration Number of the Recognized person

**Arun Kumar Yadav**

RQP/AJM/242/2003-A

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## CHAPTER -2



### Mine Description

## 2. GEOLOGY

### 2.1) Regional Geology:

Geologically, the district comprises rocks belonging to Bhilwara, Delhi & Vindhyan Super group. The Vindhyan Super group consisting of various types of shale, sandstone, limestone is represented by the Bhandar, Rewa and Kaimur Groups in increasing order of antiquity. These rocks occupy the eastern half of the district and are separated from the older rocks by a major reserve fault, the Great Boundary Fault. A Major part of these districts is occupied by thick alluvium related to the various river systems. The generalized and modified litho stratigraphic sequence is as under:

Age	Supergroup	Group	Lithology
Quaternary			Alluvium
Middle to Upper Proterozoic	Vindhyan Super Group	<b>Bhandar Group</b>	<b>Upper Bhandar (Maihar) Sandstone;</b> Lower Bhandar (Bundi Hill) Sandstone; (Sirbu, Samria & Ganurgarh) Shale; (Lakheri) Limestone,
		Rewa Group	Upper & Lower Rewa (Govindgarh, Indergarh) Sandstone; Jhiri & Panna Shale
		Kaimur Group	Kaimur Sandstone

### ii) Local Geology:-

Geologically, the rocks of the lease area belong to the Bhandar Group of Vindhyan Supergroup. Sandstone is the major litho-unit in the area. The stratigraphic sequence of the litho-unit of the area present in the area is as follows:

Quaternary	-	Alluvium
Vindhyan Supergroup	Bhandar Group	Upper Bhandar Sandstone



Surface geological mapping has been done on a scale of 1:1000 to understand the structural configuration of the lease area. Geological cross-sections and longitudinal sections are prepared on a scale 1:1000 (V), 1:1000 (H) so as to understand the structural configuration of the lease area.

In the present area only Sandstone is available

## 2.2 Reserves

Reserves	Sandstone in Tonnes	Mineral Reject
Proved mineable reserves	921715	
Probable mineable reserves	306892	

More details are given in chapter 3 of Mining Plan.

## 2.3 Mining Method

Mining will be done by mechanized open cast method. More details are given in chapter 4 of Mining Plan.

## 2.4 Mineral Beneficiation

No mineral beneficiation processing of any kind will be undertaken at mine except proper sizing of R.O.M. more details are given in Chapter-9 of Mining Plan.

### CHAPTER –3



**Review of Implementation of Mining Plan including five year progressive closure plan up to the final closure of mine.**

This area is existing Mining area and reserve is more than the required in the Mining Plan Period. So this chapter is not applicable at present.

### CHAPTER –4

#### Closure Plan

##### 4.1 Mined out land

This is an existing lease area so mining activities will take place subsequently that is after the grant of M.L. then only this can be taken out. The dimension of the pit is:

	<b>Length (m)</b>	<b>Width (m)</b>	<b>Depth (m)</b>
<b>Present</b>	205	85	7
<b>AFTER 2 YEAR</b>	360	118	49
<b>End of life of mine</b>	360	118	49

##### 4.2 Water Quality Management

There is no surface water body within lease area and hence impact of Mining on surface water will not take place. Ground water table is not going to be touched; hence there will also be no impact on ground water. More details will be given in chapter 13 of Mining Plan including PMCP.

##### 4.3 Air Quality management

Mining operation is of small scale so air pollution due to dust will be negligible.

##### 4.4 Waste management

Waste generated during the mining operation disposal on statutory barrier of the lease area. More details will be given in chapter 12 of Mining Plan.

##### 4.5 Top Soil Management

The area is mostly fertile and at places having very thin soil cover therefore, there will be top soil will be removed during this 5 year mining. The 50% of top soil will be used for plantation within a year of mining and remains top soil will be stacked separately.



#### 4.6 Infrastructure

Postal, S.T.D. and Telephone facility are available in Gadi ka Goan. Transportation is available up to site. Educational facility is available up to senior school langara

#### 4.7 Disposal of Mining Machinery

Mining is proposed for mechanized mining. Trucks will be used disposal.

#### 4.8 Safety & Security

Details are given in chapter 14 of Mining Plan.

#### 4.9 Disaster Management and Risk Assessment

The first aid facility is provided for accidents during mining activity at mines site and one vehicle is also provided at mines site. Telephone is proposed for communication facility. Distance of nearby hospital Bari is 15 km from the mine site.

#### 4.10 Care and Maintenance during temporary discontinuance

This is an existing mining lease area and all the precaution laid down in the statute during temporary discontinuance will be followed.

### **CHAPTER-5**

#### **Economic Repercussions of closure of Mine and Manpower retrenchments**

- 5.1 During five years mining in applied area generate employment potential and general financial status and socio economic conditions of approx 6 to 10 Laborers will be improved.
- 5.2 During Five years compensation will be given as per rules.
- 5.3 Satellite occupations are not connected to the Mining Operation.
- 5.4 Continue engagement of employees for certain mandatory activities.

## CHAPTER -6

### Time scheduling for abandonment:

This scheduling for abandonment operations are not proposed in Para 4 of closure plan. If the mine is closed due to unforeseen reason then tentatively it will 12 months for closure. Production target of mineral Sandstone is at the average rate 63000 tonnes per year. The life of mine comes out to be about 24 years.

## CHAPTER -7

### Abandonment Cost

Abandonment is not proposed during five years of mining operation. But implementation of waste management like retaining wall and afforestation is proposed as continuous process. Cost of these is around 20,000 to 30,000Rs. Per year.

## CHAPTER -8

### Financial Assurance

The Financial assurance of Rs. 0.30 Lac in the form of Bank guarantee as stated in rule 37J (2) of Rajasthan Minor Mineral Concession Rule, 1986 is given by lessee to the State Govt.

खनि अभियन्ता  
करोली (राज०)

Place: - Jaipur

Date: -

Approved Vide Letter No.....

SME/Bharat-Cr./Mining Plan/Scheme/

Dt. 14/11/017 M.L.No. 7/93

VERIFIED

वरिष्ठ भू-वैज्ञानिक  
खान एवं भू-विज्ञान विभाग  
करोली (राज०)

ARUN KUMAR YADAV

RQP / AJM / 242 / 2003 / A

Vaild Date - 21<sup>ST</sup> May 2023

Arun Kumar Yadav  
RQP/AJM/242/2003/A  
Vaild upto 21 May 2023

अधीक्षक खनि. अभियन्ता  
खान एवं भू- विज्ञान विभाग



एक सौ रुपये

Rs. 100

₹. 100

ONE HUNDRED RUPEES



सत्यमेव जयते

भारत INDIA

NON JUDICIAL

RAJASTHAN



अधिकार पत्र

हमकि -

1. सूरजबाई पत्नि रामकुमार मीना आयु 51 साल
2. प्रकाश चन्द पुत्र स्व० श्री गणेशराम मीना आयु 42 साल
3. मुन्शीलाल मीना पुत्र स्व० श्री गणेशराम मीना आयु 47 साल निवासी पुरानी ट्रक यूनियन करौली तहसील व जिला करौली राज० --- प्रथम पक्षकार

एव

श्री नरसी लाल मीना पुत्र स्व० श्री गणेशराम मीना आयु 38 साल निवासी पुरानी ट्रक यूनियन करौली तहसील व जिला करौली राज० --- द्वितीय पक्ष

1. यह कि हमारी साझेदारी फर्म मैसर्स बुद्धोदेवी के नाम से खनन पट्टा सैण्ड स्टोन व खण्डा प्लाट नं० 1 एम०एल०नं० 6 /93 व प्लाट नं० 2 एम०एल०नं० 7 /93 निकट ग्राम गडी का गॉव खनिज विभाग करौली द्वारा 3.12.93 से स्वीकृत हैं।
2. चूंकि उक्त खनन पट्टे की देखभाल के लिए हम जिम्मेदार हैं लेकिन हम हमारे अन्य कार्यों में व्यस्त रहने के कारण उक्त खनन पट्टों की देखभाल करने में असमर्थ हैं। इसलिये हम उक्त खनन पट्टों एवं इनके संबंधित समस्त कार्यों को करने के लिए एवं सैल टैक्स, रेवेन्यू, माईन्स, न्यायालय, वाणिज्य विभाग, राज्य सरकार एवं केन्द्रीय सरकार

20/12/93

सुरज

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K.No. 11  
Dt. 4/2/13



के आयकर विभाग, पोलूशन कंट्रोल बोर्ड आदि समस्त विभागों में रकम जमा कराने, रवन्ना बुक प्राप्त करने, अधिकशुल्क निर्धारण तय कराने एवं उक्त खनन पट्टो के नवीनीकरण के आवेदनों पर अपने हस्ताक्षर कर सकेंगे आदि समस्त कार्यों के लिए हमारी ओर से कार्य करने के लिए समस्त प्रकार के दस्तावेज प्राप्त एवं पेश करने के लिए तथा खनन क्षेत्र में खनन कार्य की देखभाल करने के लिये द्वितीय पक्ष नरसी लाल मीना को अधिकृत करते हैं इनके द्वारा खनन क्षेत्र संचालन में किसी भी कार्य अपने हस्ताक्षर से कर सकेंगे। इनके द्वारा किया गया कार्य हमारे द्वारा किया गया माना जावेगा जिसकी सम्पूर्ण जिम्मेदारी हमारी होगी।

अतः यह अधिकार पत्र हम प्रथम पक्षकार ने हमारी राजीखुशी पूर्ण स्वेच्छा से बिना किसी दबाव के पूर्ण सहमति होकर द्वितीयपक्ष के हक में 100 रूपयों के एक किता स्टाम्प व एक पेपर पर लिख दिया जो सनद रहे और वक्त जरूरत काम आवें।

दिनांक -

हस्ताक्षर द्वितीय पक्ष  
*[Signature]*

हस्ताक्षर प्रथम पक्षकार

हस्ताक्षर गवाहान -

- [Signature]*  
पुत्रक सिंह (पुत्र) 20 श्री रामचरण लाल उहल  
करौली
- [Signature]*  
रामगोपालसिंह पुत्र रामपालसिंह मीना  
पुरानी इन्ड प्रोपियर करौली

- [Signature]*
- [Signature]*
- [Signature]*

ATTESTED  
*[Signature]*  
4/2/13  
NOTARY PUBLIC  
KAROLI (Rajasthan)

True Copy  
*[Signature]*  
Arun Kumar Yadav  
RQP/AJM/242/2003/A  
Valid upto-21 May, 202





B6 - B7 - 27°-00' - 140m  
 B7 - D - 117°-00' - 132m  
 D - A - 260°-00' - 400m

सीमांकित (रस्ता जग्गा क्षेत्र) - 4.728 Hectre.

9. विशेष विवरण - उपरोक्त क्षेत्रका सीमांकन पार्टी प्रतिनिधि व इलाका जग्गदारी की उपस्थिति में कायलिय स. प्राप्त स्थानत एवम् विवरण सूची के अनुसार किया गया। मौक पर पक्के पिलर बनाने को कहा गया। क्षेत्र में करौली से बाहर रापल राड गुजरती है जिसके दोनों ओर 45m इन्फेन्ट खलक कार्र करने के निर्देश दिए गए। क्षेत्र में सेना सैन उपस्थित है व क्षेत्र बनाने की है।

दिनांक 2-10-09  
 विजयलाल गुप्ता  
 वरिष्ठ स्वनि कार्र देवक  
 निम्न जग्गदारी

रिपोर्ट जग्गदारी - गुजरात तहसील - मण्डरापल

निम्नोक्त क्षेत्र का गौरीबाग में उपरोक्त प्लॉट नं. 2 ग्राहक के खजाना नम्बर

761, 1224, 1228 सिवापय्य एवं 776 चारगाह में पडता है, गौरीबाग एवं निम्नोक्त क्षेत्र में स्थित है।

*(Signature)*  
 2/10/09

True Copy  
 Arun Kumar Yadav  
 RQP/AJM/242/2003/1  
 Valid upto-21 May, 20





पदवार क्षेत्र: ग्रामाट  
 जिला: अरौंध  
 वार्षिक सत्र: 2016

**जमावन्दी**  
 कायदा विभाग

भू-अभिलेख निरीक्षक क्षेत्र: गोदावरी  
 जिला: अरौंध

रज वार्षिक प्रकरण, अक्टूबर-3 फोन: 233

पृष्ठ नं: जमावन्दी  
 प्रपत्र नं: 2016

क्रमांक	कारका का नाम, जिला तथा गाँव का विवरण स्वामि, पत्नी सहित तथा वही कारका	वसति नं.	क्षेत्रफल	भूमि वर्गीकरण	निर्धारित क्षेत्रफल	क्षेत्रफल		नामान्तरण आदेश तथा करीब	भूमि कर का विवरण जिला के पत्र में भूमि अर्जादि से	दिये गये
						वर्ग	एकड़			
236	श्री. बराल पत्नी श्री. बराल	776	102-18	पत्त	102-18			509 586 23-1-13	पत्र नं. 776/2 अक्टूबर 3-03	
1	श्री. बराल पत्नी श्री. बराल	1248	6-19	पत्त	6-19			23-1-13	पत्र नं. 776/2 अक्टूबर 3-03	
1	श्री. बराल पत्नी श्री. बराल	1224	29-07	पत्त	29-07			23-1-13	पत्र नं. 776/2 अक्टूबर 3-03	
1	श्री. बराल पत्नी श्री. बराल	1232	12-04	पत्त	12-04			23-1-13	पत्र नं. 776/2 अक्टूबर 3-03	
1	श्री. बराल पत्नी श्री. बराल	1228	22-17	पत्त	22-17			23-1-13	पत्र नं. 776/2 अक्टूबर 3-03	
1	श्री. बराल पत्नी श्री. बराल	761	18-14	पत्त	18-14			23-1-13	पत्र नं. 776/2 अक्टूबर 3-03	
1	श्री. बराल पत्नी श्री. बराल	759/1	18-17	पत्त	18-17			23-1-13	पत्र नं. 776/2 अक्टूबर 3-03	
1	श्री. बराल पत्नी श्री. बराल	775	1-13	पत्त	1-13			23-1-13	पत्र नं. 776/2 अक्टूबर 3-03	

Handwritten signature and date: 13.8.13

Handwritten signature: Arjun Kumar Yadav

ROPIAJM/242/2003/A

Annexure No. 5



राजस्थान-सरकार  
कार्यालय छानि अभियन्ता, करौली  
क्रमांक:- छअ/करो/रिअ/वप/नवी-7/93/

दिनांक:-

बन्धित छानि कार्य देशक  
कार्यालय हाजा ।

विषय:- छानन पट्टा छानिज सिण्डस्टोन क्षेत्र 10.00 हेक्टर  
नं० 2 नि०गा० गद्दीकागाँव तह० मण्डरायल जिला  
करौली श्री ~~मति बुढो देवी~~ मति बुढो देवी वास्ते  
श्री गणेशराम मोना के पक्ष में स्वीकृत ।

उपरोक्त क्रियान्तरित लेख है कि पट्टाधारी द्वारा धारित छाननपट्टा  
क्षेत्र 10.00 हे० में से 4.728 हे० क्षेत्र अपने पास रखते हुए शेष 5.272 हे०  
क्षेत्र व्यापारिक घुट्टि के महत्त्व का न होने आदि कारणों से आंशिक अद्यर्पण  
किये जाने हेतु प्रा०पत्र कार्यालय में प्रस्तुत किया गया है, साथ ही रखे जाने  
वाले व सरेण्डर किये जाने वाले क्षेत्र के नक्शा व विवरण सूची जिनकी स्क-स्क  
प्रति आपको संलग्न कर दी जा रही है, प्रस्तुत किये गये । अतः आप संलग्न  
नक्शा एवं विवरण सूची अनुसार मॉके पर हल्का पट्टवारी की उपस्थिति में  
रखे जाने वाले क्षेत्र का बसरा सत्यापन/सीमाकिन की कार्यवाही पूर्ण करावें,  
तथा सरेण्डर किये गये क्षेत्र का कब्जा लें। बाकी कार्यवाही नक्शा व  
विवरण सूची कार्यालय को लोटावें ।

संलग्न:-उक्तानुसार

छानि अभियन्ता,  
करौली

क्रमांक:- छअ/करो/रिअ/वप/नवी-7/93/ 833 दिनांक:- 8/9/09  
प्रतिलिपि निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु:-

- 1- तहसीलदार मण्डरायल को दी जाकर निवेदन है कि कुपया हल्कापट्टवारी  
को बसतबसरा सत्यापन मॉके पर उपस्थित रहने हेतु पाबन्ध कराने का  
श्रम करावें ।
- 2- सम्बन्धित हल्का पट्टवारी-गद्दीकागाँव
- 3- श्री मति बुढो देवी पत्नि स्व० श्री गणेशराम मोना नि० पुरानी टूक-  
यूनियन, करौली को दी जाकर लेख है कि सीमाकिन शुल्क पेटे रूपया  
4200/- जमा करा बालान की प्रति पेश करें, साथ ही सम्बन्धित व०व०  
का०देशक व हल्का पट्टवारी से सम्पर्क कर उक्त कार्यवाही पूर्ण करावें ।

छानि अभियन्ता,  
करौली

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Valid upto-21 May, 2023

Arun Kumar Yadav

RQP/AJM/242/3003/A

Valid upto-21 May, 2023



भारतीय गैर न्यायिक

एक सौ रुपये

Rs. 100

रु. 100



सत्यमेव जयते

ONE HUNDRED RUPEES

301100

भारत INDIA

INDIA NON JUDICIAL



राजस्थान RAJASTHAN

नामांतरण सविदा

एमएल07/93

F 951261

खनन पट्टा खनिज सेण्डस्टोन से उससे बनने वाला छण्डा प्लाट नम्बर दो निम्न ग्राम गदीकागाँव तह0करोली जिला सबडई माधोपुर हाल तह0मण्डरायल जिला करोली जो कि श्री गणेशराम मीणा पुत्र श्री हरभजन मीणा नि0 कोर्डर के पक्ष में अधीक्षक खनि अभियन्ता, भरतपुर के आदेश क्रमांक अखअ/भ/सीसी 2/ प-110/83/1409 दि0 12.10.83 द्वारा वार्षिक स्थिरभाटक रु023510/-पर अवधि सविदा पंजियन दिनांक 3.12.83 से 10 वर्ष के लिये इस शर्त के साथ स्वीकृत किया गया कि स्थिरभाटक 5 वर्ष बाद पुनः निर्धारित होगा ।

उक्त खनन पट्टे का प्रथम नवीनीकरण अधीक्षक खनि अभियन्ता, भरतपुर के आदेश क्रमांक अखअ/भरत/प-13/ 84प-109/83/724 दि0 17-7-95 द्वारा वार्षिक स्थिरभाटक रूपया 54074/-पर अवधि 3.12.93 से 2.12.2013 तक के लिये पट्टाधारी के पक्ष में इस शर्त के साथ स्वीकृत किया गया कि स्थिरभाटक पाँच वर्ष बाद पुनः निर्धारित होगा । उक्त प्रथम नवीनीकरण श्री गणेशराम मीणा पुत्र श्री हरभजन मीणा हाल निवासी पुरानी ट्रक यूनियन,करोली के पक्ष में स्वीकृत हुआ जिसकी सविदा का पंजियन उप पंजियक कार्यालय,मण्डरायल में दिनांक 1.10.99 को हुआ । तथा उक्त खनन पट्टे के स्थिरभाटक खण-लाय पर निम्ना-नुसार निर्धारित किये गये ।

श्री गणेशराम मीणा के स्वर्गवास हो जाने के कारण श्रीमान् अति0निदेशक 8खान8 जयपुर द्वारा उनके आदेश क्रमांक अनिवा/जय/करो/भप्र/एमएल-नवी-6/93/ 369 दिनांक 22.4.08 के द्वारा उक्त खनन पट्टे का नामांकन श्रीमति बुद्धो देवी पत्नि स्व0 श्री गणेशराम मीणा के पक्ष में स्वीकृत किया गया । वर्तमान में उक्त खनन पट्टे का स्थिरभाटक अवधि 3.12.2008 से 2.12.2013तक के लिये रूपया 1,55,819/- वार्षिक कार्यालय आदेश दि0 15-08 द्वारा निर्धारित है ।

श्री बुद्धो देवी

Training Engineer, Karauli

Krishan Goyal Charan Notary Public, Govt. of Rajasthan

क्रमांक: 2 पर... Free Copy Arun Kumar Yadav RQP/AJM/242/2003/A Valid upto: 21 May 2013





अतः मूल खनन पट्टा के साथ संलग्न संविदा की शर्तों व अप्रधान खनिज रियायत नियमावली 1986 के प्रावधानों व समय-समय पर होने वाले संशोधनों के तहत श्रीमति बुद्धो देवी पत्नि स्व0 श्री गणेश राम मीना निवासी पुरानी टूक यूनिजन, करौली पूर्ण पालना करेगी एवं कोई पुरानी बकाया एवं चालू बकाया के लिये पूर्ण रूप से उत्तरदायी होंगी।

अतः यह नामान्तरण संविदा 100/-रुपये के गैर न्यायिक स्टाम्प पेपर पर श्रीमति बुद्धो देवी के पक्ष में लिखी जाकर निम्न गवाहन के समस्त आज दिनांक 20/8/09 को हस्ताक्षरित की गई।

गवाहन

- 1- कर्मा 24
  - 2- कर्मा 24
- श्री. कर्मा

बुद्धो देवी

पत्नि स्व0 श्री गणेशराम मीना

Mining Engineer  
Karauli  
By order and on behalf of  
the Governor of Rajasthan

ATTESTED  
73  
Secretary  
Govt of Rajasthan

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RQP/AJM/242/2003/A  
Valid upto-21 May, 2023





राज दिनांक श्री जगेश्वराम  
 पत्नी श्री हरभजन वय 78 वर्ष  
 जाति मीना पेशा ठेकेदार निवासी कटोली  
 ने मूल सब रजिस्टार से आपकी समक्ष बिना सब  
 तस्दीक उप पत्रिका कार्यालय में प्रस्तुत  
 प्रस्तुत किया।

राधाशराम

उप पत्रिका संख्या

श्री जगेश्वराम पुत्र श्री हरभजन  
 वय 78 वर्ष जाति मीना पेशा ठेकेदार  
 निवासी कटोली

मूल सब रजिस्टार से आपकी समक्ष बिना सब तस्दीक उप पत्रिका कार्यालय में प्रस्तुत किया।  
 आपकी समक्ष बिना सब तस्दीक उप पत्रिका कार्यालय में प्रस्तुत किया।  
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 आपकी समक्ष बिना सब तस्दीक उप पत्रिका कार्यालय में प्रस्तुत किया।

राधाशराम

श्री हरेत पुत्र श्री जगेश्वराम  
 वय 78 वर्ष जाति मीना पेशा ठेकेदार  
 निवासी कटोली

मूल सब रजिस्टार से आपकी समक्ष बिना सब तस्दीक उप पत्रिका कार्यालय में प्रस्तुत किया।  
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उप पत्रिका संख्या  
 मध्यरायत

राज दिनांक 1.10.99  
 पत्रिका संख्या 18  
 प्रेषण संख्या 104/99  
 मिति 1  
 संख्या 5266

उप पत्रिका संख्या

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Model Form of Mining Lease

This indenture made this 24-9-1995 day of 1995 between the Governor of the State of Rajasthan (hereinafter referred to as the Government which expression shall, where the context so admits, include his successors in office and assigns) of the one part and ( ) when the lessee is an individual श्री गोपबलाम त्रीग पुत्र श्री लखमजु त्रीग गिरणी कुवारी इक (Name of person) इनिपन फौजली

(hereinafter referred to as the lessee which expression shall, where the context so admits, include his heirs, executors, administrators, representatives and permitted assigns)

(2) when the lessees are more than one individual

(Name of person)

of (Address and occupation) and (Name of person) of (Address and occupation) and (Name of person) of (Address and occupation) (hereinafter referred to as the Lessees which expression shall, where the context so admits, include their, respective heirs, executors, administrators, representatives and permitted assigns).

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(3) When the Lessee is a firm (Name of person) of (Address) and (Name of person) of (Address) and (Name of person) of (Address)

सप-सजायक All carrying on business in partnership at (address of the firm) महराजगढ़ ( ) under the name and style of (Name of the Firm) (hereinafter referred to as the Lessees which expression shall, when the context so admits, include all the partners of the said firm, their representatives heirs, executors, administrators and permitted assigns).

(4) When the Lessee is Registered Company (Name of Company) a company Registered under (Act under which incorporated) and having its

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registered office at (Address) (hereinafter referred to as the 'Lessee' which expression shall, where the context so admits, include its successors and permitted assigns) of the other part.

Whereas the Lessee/Lessees has/have applied to the Government in accordance with the Rajasthan Minor Mineral Concession Rules, 1966 (herein after referred to as the said rules) for a mining lease or खनन अधिकार पत्र in respect of the lands hereinafter described in clause 1 (b) and has/have deposited with the Government the sum of Rs. 13,519/- N.S.C. as security.

Now therefore, this deed witnesses and the parties hereto hereby agree as follows:

1. Demises:— (a) In consideration of the rents and royalties, covenants and agreements hereinafter contained and on the part of the lessee/lessees to be paid, observed and performed the Government hereby grants and demises unto the Lessee/Lessees all these mines, beds, veins, seams of (hereinafter referred to as the said minerals) situated, lying and being in or under the lands which referred to hereinafter and subject to other provisions of this lease कुल 10 हे० काट

(b) The area of the said lands is as follows:— नं० २ नि० शा० गरी काठगोवा तहसील मण्ड्यापल जिला करीली सख्तगं मोकडित्त व निरखण (hereinafter referred to as the said lands or the leased area) कडुसर

(c) The Lessee/Lessees shall hold the premises hereby granted and demised from the date of registration of period of २३.१२.१३ से २०१५ तक year hence next ensuing. दिये जायगा, प्रत्येक ५ वर्ष पहचान देना पुन निषीत होगा।

2. Liberties, powers and privileges to be exercised and enjoyed by the lessees:—The following liberties, powers and privileges may be exercised and enjoyed by the Lessee/Lessees subject to the other provisions of this lease:—

(a) To enter upon land and search for, win, work etc.—Liberty and powers at all times during the terms hereby demised to enter upon the said lands and to search for, mine, bore, dig, drill, for win, work, dress, process, convert, carry away and dispose of the said minerals.

(b) To sink drive and make pits shaft and inclines etc.—Liberty and powers for or in connection with any of the purposes mentioned in this clause to sink, drive, make, maintain and use in the said lands and pits, shafts, inclines, drifts, levels, waterways, airways and other works and to use, maintain, deepen or extend any existing works of the like nature in the said lands.

(c) To bring and use machinery and equipment:—Liberty and power for or in connection with any of the purposes mentioned in this clause to erect, construct, maintain and use on or under the said lands any engines, machinery, plant, dressing floors, furnaces, coke ovens, brick kilns, work shops, store houses, bungalows, godowns, shed and other buildings and other works and conveniences of the like nature on or under the said lands.

(d) To use water from streams etc.: Liberty and power for or in connection with any of the purposes mentioned in this clause but subject to the rights of any existing or future lessees and with the written permission of the Collector to appropriate and use water from any

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lands and to divert, stop up or dam any such stream or water course and collect or impound any such water and to make, construct and maintain any Water course, culverts, drains or reservoirs but not so as to deprive any cultivated land, villages, building or watering places for a livestock of a reasonable supply of water as before accustomed nor in any way to foul or pollute any stream or spring provided that the Lessee/Lessees shall not interfere with the navigation in any navigable stream nor shall divert such stream without previous written permission of the Government.

3. Restriction as to the exercise of the liberties etc.— The liberties, powers and privileges granted by clause 2 are subject to the following restriction and subject to the other provisions of this lease.—

(a) The mining operations within 45 metres of public works etc.— The Lessee/Lessees shall not work or carry on or allow to be worked or carried on any mining operations at or to any point within a distance of 45 metres from any railway line except with the previous written permission of the Railway Administration concerned, or from any reservoir, canal or other public work or building or inhabited site except with the previous permission of the Collector or any other officer authorised by the Government in this behalf and otherwise than in accordance with such instructions, restrictions and conditions either general or special as may be attached to such permissions. The said distance of 45 metres shall be measured in the case of railway reservoir or canal horizontally from the outer toe of the bank or the outer edge of the cutting as the case may be and in case of a building horizontally from the plinth thereof.

Explanation.— For the purpose of this clause.—

(i) The expression Railway Administration shall have the same meaning as it is defined to have in the Indian Railway Act, 1893 by sub-section (4) of section 3 of that Act.—

(ii) (a) public road shall mean a road which has been constructed or artificially surfaced as distinct from a track resulting from repeated use.

(b) permission for surface operation in a land not already in use before using for surface operation any land which has not already been used for such operations the Lessee/Lessees shall give to the Collector of the District two calendar months previous notice in writing specifying the situation and the extent of the land proposed to be so used and the purpose for which the same is required and the said land shall not be used if objection is issued by the Collector within two months after receipt by him of such notice unless the objection so stated shall on reference to the Government be annulled or waived.

4. The Lessee/Lessees hereby covenants with the Government as following—

(1) Covenants in accordance with Rajasthan Minor Mineral concession Rules 1986.— The Lessee/Lessees shall pay royalty on the quantity of the said mineral despatched from or consumed within the leased area at the rates specified in Schedule I appended to Rajasthan Minor Mineral Concession Rules 1986.

provided that the said rates shall be liable to be revised by the Government and such revision shall apply to this lease subject to the condition that the enhancements in the rate of royalty shall not be made more than once during any period of four years.

(2) The Lessee/Lessees shall pay for the surface area used by him/them (for the purpose of mining) surface rent equal to the land revenue payable under the Rajasthan Land Revenue Act, 1956 or any other Law in force to the Land Revenue Department of State.



(3) *Dead rent*.— The Lessee/Lessees shall also pay for every year, the yearly dead rent as determined from time to time.

provided that the Lessee/Lessees shall be liable to pay the dead rent or royalty in respect of each mineral whichever be higher, but not both.

(4) *Rate and mode of payment of dead rent etc.*— Subject to the provisions of sub-clause (3) above as from the day of 3.12.93 during the subsistence of the lease, the Lessee/Lessees shall pay to the Government in four equal quarterly instalment on the प्रथम तिमाही समाप्त पर day of द्वितीय तिमाही समाप्ति the day of तृतीय तिमाही समाप्त पर the day of चतुर्थ तिमाही समाप्ति पर and the day of प्रथम तिमाही समाप्ति पर for each year the minimum annual royalty as "dead rent" of Rs 54074/- in the office of the Mining Engineer/Assistant Mining Engineer of the Division/Sub-Division subject as aforesaid. This provision will also apply to the payment of royalty. Surface rent will be deposited with the Revenue Department.

(4) (a) *Dump removal charges*.— The Lessee/Lessees shall pay such amount per year or part thereof to the Government for ecological restoration of mines and quarries in the said area at such time and such rate as may be fixed by the Government from time to time.

(5) *To pay compensation for damage and indemnify the Government*.—The Lessee/Lessees shall make and pay such reasonable satisfaction and compensation for all damage, injury or disturbance which may be done by him/them in exercise of the powers granted by the lease and shall indemnify the Government against all claims which may be made by third parties in respect of such damage, injury or disturbance.

(5) (a) *To indemnify against all claims and to pay compensation for infringement of rights of third persons*.— The Lessee/Lessees shall make and pay such reasonable satisfaction and compensation as may be assessed by lawful authority in accordance with the law in force on the subject for all damage, injury or disturbance which may be done by him/them in exercise of the powers granted by this lease and shall indemnify keep indemnified fully and completely the State Government against all claims which may be made by any person or persons in respect of any such damage, injury or disturbance and all costs and expenses in connection therewith.

(b) If in exercise of any right conferred by this lease, the rights of any person are infringed by the occupation or disturbance of the surface or any land, required and quarrying in the area hereby demised and for the purposes subsidiary thereto Lessee/Lessees shall pay such compensation for such infringement and the amount of such compensation shall be calculated by the Collector or, if his award is not accepted, by the Civil Court, as far as possible, in accordance with the provision of the Rajasthan Land Acquisition Act, 1953, (Rajasthan Act XXIV of 1953).

(c) The Lessee/Lessees shall not enter on or occupy the surface of any land without the previous sanction of the Collector unless the compensation has

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(d) If the Lessee/Lessees fail to pay any compensation as provided in this sub-clause, the Collector may recover such compensation from him/ them on behalf of the person entitled to it as if it were an arrear of land revenue.

(6) *Not to injure tree*.—The Lessee/Lessees shall not cut or injure any tree in area of his/ their lease without the previous sanction in writing of the Conservator of Forests, Rajasthan or an officer authorised by him.

(7) *To maintain boundary pillars*.—The Lessee/Lessees shall at his/ their own expense erect and at all times maintain and keep in repair, boundary pillars and marks according to the demarcation shown in the plan annexed hereto.

(8) *Not to erect buildings etc. on certain places*.—The Lessee/Lessees shall not erect any building or carry on any surface operations on any public pleasure grounds, places of worship sacred graves, burial-grounds or village sites for houses, public roads or other places which the competent authority may determine as public grounds to bring within this restriction.

(9) *To commence mining operations within three month and carry them on priority*.—The Lessee/Lessees shall commence mining operations within <sup>SIX</sup> ~~three~~ <sup>SIX</sup> months from the date of the lease to him/ them and thereafter carry on such operations effectively in a proper skilfully and workman like manner both as regards prevention of waste by removal of sufficient overburden, careful storage of waste and drainage and as regards removal of all valuable minerals within the mine.

(10) *Accounts*.—The Lessee/Lessees shall keep correct accounts showing the quantity and particulars of all minerals obtained from the mine, details of mineral sold or despatched and the number of persons employed therein and also complete plans of the mine and shall allow any officer of the Department at any time to examine such accounts and plans and shall furnish him with such information and return in respect of aforesaid matter as he may require.

(11) *Abiding by Rules*.—The Lessee/Lessees shall abide by all existing Acts and Rules enforced by the Government of India or the State Government and all such other Acts or rules as may be enforced from time to time in respect of working of the mine and other matters affecting safety, health and convenience of the employees of the Lessee/Lessees or of the public.

(12) *To allow facilities to other lessees etc.*.—The Lessee/Lessees shall allow existing and future licensees or lease holders of any land which is comprised in or adjoins or is approachable by the land held by the Lessee/Lessees, reasonable facilities for access thereto.

(13) *To allow entry to officers*.—The Lessee/Lessees shall allow any officer of the Department or of the Indian Bureau of Mines to enter upon the premises comprised in the lease for the purpose of inspecting the same and abide by instructions issued by him from time to time regarding the conservation and development of minor minerals and other related matters.

(14) *Buildings erected by Lessee*.—The Lessee/Lessees may erect on the area granted to him/ them any building required for bonafide mining purposes and such building shall be the property of the Government after expiry of the lease.

(15) *To report accident and discovery of any other mineral*.—The Lessee/Lessees shall without delay report to Director, Mining Engineer/Assistant Mining Engineer or any other officer authorised by them any accident which may occur at or in the said premises and also the discovery on or within any of the lands or mines demised by the lease of any minerals whether minor or otherwise specified in the lease.

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(16) *Working of newly discovered Minerals*:—If Lessee/Lessee intends to work such newly discovered mineral or minerals he/they shall within three months of making such report as is mentioned in sub-clause (15) intimate his/their intention to the officer of the Department having jurisdiction over the area and apply for quarry licence or mining lease in respect thereof in accordance with the rules regulating the grant of mining concessions for that mineral. But such quarry licence or mining lease shall not be granted as a matter of right.

(17) *Not working the newly discovered minerals*:—If the Lessee/Lessee intimates his/their intention not to work the newly discovered minerals or fails to intimate his/their intention to work it within a period of three month, then it shall be open to the Government to grant a licence or lease for the working of the same to any other person.

(17) (a) *To hand over possession of protected area*:—If any area out of the lease area is declared as a protected area under the Ancient Monument Preservation Act, 1904 (Central Act VII of 1904), the lessee will have to deliver the possession back to the State Government without claiming any compensation for that area.

(18) *Liberty to determine the lease*:—The Lessee/Lessee may at any time determine this lease with immediate effect by giving a notice in writing to the State Government or to such officer or authority as the State Government may specify in this behalf and shall pay all rates, water rates, royalties, compensation for damages and other moneys which may then be due and payable under these presents to lessor or any other person or persons and shall deliver these presents to the competent authority and then this lease and the said term and the liberties, powers and privileges hereby granted shall absolutely cease and determine but without prejudice to any right or remedy of the lessor in respect of any breach of any of the covenants or agreement contained in its presents.

(19) *Cancellation*:—The lease shall be liable to be cancelled by the Director if the Lessee/Lessee ceases to work the mine for a continuous period of six month without obtaining written sanction of the Government.

(20) *Preemption*:—The Government shall have the rights of preemption at current market rates over all minerals lying in or upon the lands demised by the lease and shall be indemnified by the Lessee/Lessee against claims of any other party in respect of such minerals.

(21) *Consequence of non payment of royalty or Rent*:—The Government shall determine the lease after serving a notice on the lessee to pay the dues within 15 days from the date of the receipt of notice and forfeit the security amount if the dead rent or royalty or dump removal charges are not paid within 15 days next after the date fixed in these presents. The Government shall have the right at any time after serving the above notice to enter upon the said lands and distrain all or any of the minerals or movable property therein and shall carry away detain or sell the property so distrained or so much of it as will suffice for satisfaction of the rent or royalty or dump removal charges and all cost and expense occasioned by the non-payment thereof. These Realise shall be without prejudice to the right of the Government to realise all its dues, under the Rajasthan Public Demand Recovery Act, 1952 (Rajasthan Act V of 1952) of Rajasthan Land Revenue Act, 1956 (Rajasthan Act No. 15 of 1956).

(22) *Consequence of breach of other covenants*:—In case of any breach on the part of the Lessee/Lessee of any covenant or condition contained in the lease whether contained in this clause or any other clause of this lease, the Government may deter-



mine the lease and forfeit the security amount and take possession, of the said premises, or in the alternative, may impose payment of a penalty not exceeding twice the amount of the annual deadrent from the Lessee/Lessees. Such action shall not be taken unless the Lessee/Lessees has/have failed to remedy the breach after 15 days notice.

(23) *Delivery on termination of lease:*—On expiry or earlier determination of the lease the Lessee/Lessees shall deliver up the said premise and all mines (if any) dug in respect of any working as to which the Government might have sanctioned abandonment.

(24) (a) *Determination of lease in the public interest:*—The Government may determine the lease if the Government considers that the minor minerals under the lease are required for establishing an industry beneficial to the public.

(b) Determination of lease for the aforesaid purpose shall not be valid unless six calendar month's notice in writing has been given by the Government to the Lessee/Lessees. Such notice need not however, be given in war or emergency.

(5) *Further covenants of the Lessee:*—The Lessees/Lessees hereby covenants/covenant with the Government as follows:—

(1) Unless specifically exempted by the State Government, the Lessee/Lessees shall provide and at all time keep at or near the pit-head at which the said minerals shall be brought to bank a properly constructed and efficient weighing machine and shall weigh or cause to be weighed thereon all the said minerals from time to time brought to bank, sold, exported and also the converted products, and shall at the close of each day cause the total weights of the said minerals, ores and products raised sold, exported and converted during the previous twenty four hours to be ascertained and entered in the aforesaid books of accounts. The Lessee/Lessees shall permit the Government at all times during the said term to employ any person or persons to be present at the weighing of the said minerals as aforesaid and to keep accounts there of and to check the accounts kept by the Lessee/Lessees. The Lessee/Lessees shall give 15 days previous notice in writing to the Mining Engineer/ Assistant Mining Engineer of every such measuring or weighing in order that he or some officer on his behalf may be present thereat.

(2) *To allow test of weighing machine:*—The Lessee/Lessees shall allow any person or persons appointed in that behalf by the Government at any time or all times during the said term to examine and test every weighing machine to be provided and kept as aforesaid and the weights used there with in order to ascertain whether the same respectively are correct and in good repair and order and if upon any such examination or testing any such weighing machine or weight shall be found incorrect or out of repair or order, the Government may require that the same be adjusted, repaired and put in order by and at the expense of the Lessee/Lessees within fourteen days failing which the Government may cause such weighing machine or weight to be adjusted, repaired and put in order and the expenses of so doing shall be paid by the Lessee/Lessees to the Government on demand, and if upon any such examination of testing as aforesaid any error shall be discovered in any weighing machine or weights to the prejudice of the Government, such error shall be regarded as having existed for three calendar months previous to the discovery thereof or inform the last occasion of so examining and testing the same weighing machine and weights in case such occasion

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shall be within such period of three months and the said rent and royalty shall be paid and accounted for accordingly.

- (3) *Not to obstruct working of other minerals:*—The Lessee/Lesseees will exercise the liberties and powers hereby granted in such manner as to cause no unnecessary or reasonably avoidable obstruction or interruption to the development of any working within the said lands of any minerals not include in this lease and shall at all times afford to the Central and State Government and to the holders of prospecting licence or mining leases in respect of any such minerals within any land or any minerals within any land adjacent to the said lands as the case may be, reasonable means of access and safe convenient passage upon and across the said lands, to such minerals for purpose of getting, working, developing and carrying away the same provided that the Lessee/Lesseees shall receive reasonable compensation for damage or injury which he they may susta in consequence of the use of such passage by such lesseees or holders of prospecting licences.
- (4) *Forfeiture of property left more than <sup>Three</sup> months after determination of lease* :- If on expiration of lease or earlier determination of the lease or after the date from which any surrender by the Lessee of a part or parts of the said lands under the provision contained in sub-clause (18) of clause 4 of this lease becomes effective, there remain in or upon the said land of the surrendered part or parts thereof as the case may be, any engines, machinery plants, structures, tramways, railways and other work erections and conveniences or other property which are not required by the Lessee/Lesseees in connection with his/their operations in those parts of the said lands which have not been surrendered or in any other lands held by him/ them under a prospecting licence or Mining lease granted by the Government, they shall become the property of the Government and may be sold or disposed of in such manner after a period of 3 months from the date of expiration or earlier determination of the lease the Government may deem fit without liability to pay any compensation.
- (5) *Exemption of royalty for tenants:*—No royalty shall be charged on minor minerals required by the tenant for any *bona fide* purpose as specified in rule 58 of the rules.
- (6) *Further covenants of the lesseees:*—The Lessee/Lesseees further covenants/ covenant with the Government as follows:—
- (1) *Interest:*—The Lessee/Lesseees shall pay to the Government simple interest at the rate of 20% per annum on all amounts outstanding against the Lessee/Lesseees under this lease, whether as dead rent, royalty, surface rent or otherwise.
  - (2) *Keeping mines etc. in good order:*—The Lessee/Lesseees shall keep through out the term of his/ their lease all mines, buildings, engines, machinery and other mining plants in good repair and working order.
  - (3) *Taking ballast etc. for leased area only:*—The Lessee/Lesseees shall take out and use ballast, khandas and rubbles from his/their quarries for his/their *bona fide* use in the leased area only and shall pay royalty for minerals so used.
  - (4) *Delivery of samples of rock etc:*—The Lessee/Lesseees shall deliver to or permit to be taken by the representative of the Government





a sample or samples all rocks found on mines or raised lands and intermediate and finished products sold on intended for sale by the Lessee/ Lessees.

- (5) *Security of pits and shafts and not filling them up:*—The Lessee/ Lessees shall properly secure pits, and shafts and will not without the permission in writing of the Mining Engineer wilfully close, fill up or choke any mine or shafts.
- (6) *Setting apart land for public purposes:*—The Lessee/ Lessees shall when required by the Government so to do set apart land for public purposes and Government may occupy the same whenever it thinks necessary or expedient but Government will, so far as is compatible with the objects aforesaid, select the land so as not to interfere with the mining operations of Lessee/ Lessees and will from time to time pay to Lessee/ Lessees such sums of money as expended in buying surface right over any of the lands so set apart and cost of removal of any work carried thereon and for any loss or damages caused to the Lessee/ Lessees by any interference in the mining operations.
- (7) (a) *Abstaining from froly entering occupied land:*—The Lessee/ Lessees shall abstain from entering on the surface of any occupied Government land or of any private land comprised within the leased area without previously obtaining the consent of the occupant in writing.  
 (b) The Lessee/ Lessees shall abstain from opening any new quarry or depot in the leased are without the previous sanction of the Mining Engineer/ Assistant Mining Engineer concerned.
- (8) *Not to obstruct road etc:*—The Lessee/ Lessees shall keep open and in no way obstruct any road, path or way by any means whatsoever.
- (9) *Not to obstruct working of other minerals:*—The Lessee/ Lessees shall in the event of his/their declining to take a lease permit the Government or other persons duly authorised by the Government in that behalf to enter into the leased area and to conduct prospecting and mining operations thereon in respect of minerals or other substance other than ~~iron ore~~ *iron ore* but the Government will, so far as is compatible with the objects afoersaid, select the land to be so set apart and appropriated in such a manner as not to interfere with the mining operations of the Lessee/ Lessees and will indemnify the lessee/ lessees for any loss or damage caused to the lessee by any interference with the mining operations.
- (10) *To allow free use of tanks, water courses. etc, to the public and Government:*—The Lessee/ Lessees shall abstain from all interference with and allow to the public and the Government the free use of tanks, water courses, places of worship scared graves, burial grounds and village sites for houses which may be existing or may hereafter be set apart or appropriated as hereinbefore provided in the leased area.
- (11) *Not to use land for other purposes:*—The Lessee/ Lessees shall not cultivate or use the land save for the purposes of the lease.
- (12) *Not to enter upon or commence operations in Forest land etc:*—The Lessee/ Lessees shall not enter upon or commence any mining opera-

11/11/2005

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Handwritten signature of Arun Kumar Yadav and typed name 'Arun Kumar Yadav RQP/AJM/242/2003/A'.

tions in any State Forest or land under special protection comprised in the leased area except after previously obtaining permission in writing of the competent officer.



(13) *To respect water rights and not to injure adjoining property.*—The Lessee/Lessees shall not injure or cause to deteriorate any sources of water, power or water supply and shall not in any other way render any spring or stream of water unfit to be used for do any thing to injure adjoining lands, villages or houses.

(14) *Removal of stock of minerals on expiry or determination of the lease.* The Lessee/Lessee shall on the termination or earlier determination of the lease remove within 15 day all extracted minerals from the premises of the leased areas. All extracted Minerals in the said lands left over undisposed after 15 days of the termination or determination of lease shall be deemed to be the property of the Government.

(15) *Service of notice on lessee.*—The Lessee/Lessee shall at all times have at the lease area a duly accredited Superintendent or Agent to whom all notices may be given and all communications from the officers of the Department or the Government may be delivered. If there be no such agent or superintendent on the leased area, the Government shall be at liberty to treat any other person present there as such a gent and to serve all notices and other documents upon the said person or in the case of there being no such other person as aforesaid then by affixing such notice or documents on some conspicuous portion of the mining block.

(16) *Supply of stones to the public.*—The Lessee/Lessee shall not unless prevented by reasonable cause e. g., collapse of the quarry etc. to the satisfaction of the Government, fail or neglect or delay to supply ~~to the public at pits mouth~~ <sup>सुखानुभव स्थल</sup> to the public at pits mouth within reasonable period of 7 day (to be specified). In the event of unsatisfactory supply by the Lessee/Lessee to local public the M.F. <sup>Katcauli</sup> with the approval of the Director, may allow the consumers to quarry/extract with their own arrangements in the leased are outside the existing quarries or depots and the Lessee/Lessee will not be entitled to any royalty on this account but the same will be payable to the Government. This quantity will not be taken into account in the maximum quantity of स्थिर मात्रा तक mention in द्वितीय शिड्यूल

(17) *Employment of qualified Engineer etc. for the purposes of carrying out mining operation in accordance with approved practices ; -*

(i) Every holder of mining lease who pays an annual dead-rent of or above Rs. 50,000/- (Rupees fifty thousand) but below Rs. ~~1,00,000/-~~ <sup>20,000/-</sup> (Rupees ~~one lac~~ <sup>Twenty five thousand</sup>) shall employ a whole time Mines Foreman.

(ii) Every holder of mining lease who pays an annual dead rent of or above Rs. ~~20,000/-~~ <sup>Twenty five thousand</sup> (Rupees ~~one lac~~ <sup>Twenty five thousand</sup>) shall employ a whole time Mining Engineer:

Provided that Mining Engineer or Mines Foreman, employed by the lessee shall possess the following qualifications namely:—

(a) *Mining Engineer.*—A diploma in Mining Engineering from the Indian School of Mines and Applied Geology, Dhanbad or a degree in Mining Engineering from any recognised University

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Valid upto 31/12/2003

गणेश प्रसाद  
उप-पंजीयक  
मन्डल आयल  
ए. ई.  
पब्लिक रिलीफ्स  
दफ्तरी



(b) *Mines Foreman*:—Diploma in Mining Engineering from any recognised Polytechnic Institute:—

Provided further that the lessee shall pay to the Mining Engineer/Mines Foreman; emoluments not below what would have been admissible to them in Government service.

(18) The lessee shall inform the Government to any change in his immovable property and its value within a period of 15 days from such change.

7. *Calculation of royalty, assignment of tax and recovery of dues*:—It is hereby further agreed between the parties hereto as follows:—

- (1) The royalty payable hereunder shall be calculated on the quantity despatched from or consumed within the leased area as per the rates, prescribed in Schedule-I of Rajasthan Minor-Mineral Concession Rules, 1986.
- (2) The Lessee/Lesseees shall not assign sub-let or part with the possession of the leased area or any part thereof except in the manner permitted by rule 15 of the said Rules.
- (3) Without prejudice to any other mode of recovery under any provision of this lease or any law, all amounts falling due hereunder against the lessee/ lesseees may be recovered as arrears of land revenue under the law in force for such recovery.
- (4) The Lessee/Lesseees shall duly and regularly pay to the competent authority all taxes, cesses and local dues in respect of the leased area, said minerals or the working of the mines.

गणेश राव

8. If in any event the orders of competent authority are revised or cancelled by the Appellate authority by State Government in pursuance of the proceeding under Chapter VI of the Rajasthan Minor Mineral Concession Rules, 1986 or under any other provision of the said rules, the Lessee/Lesseees shall not be entitled to compensation for and loss sustained by him/them in exercise of the powers and privileges conferred upon him/ them by these presents.

गुण  
अभिषेक  
रौली

9. If in any event the orders of the Government or any other officer empowered under these rules are revised, reviewed or cancelled by the Appellate authority or court of law, the lessee/ lesseees shall not be entitled to compensation for any loss sustained by the lessee/ lesseees in exercise of the powers and privileges conferred upon him/ them by these presents.

उप-प्रजायक

10. In the event of the existence of a state of war or of emergency (of which existence the Government shall be sole judge and a notification to this effect in the Rajasthan Gazette shall be conclusive proof), the Government shall from time to time and all times during the said terms have the right ( to be exercised by a notice in writing to the Lessee/ Lesseees forthwith to take possession and control of the works plant, machinery and premises of the Lessee/Lesseees situated on the said lands or meant for use in connection with the said lands or the operations under this lease during such possession or control and the Lessee/Lesseees shall conform to and obey all direction given by or on behalf the Government regarding the use or employment of such works, plants, premises and minerals.

अश्वरायक  
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Provided that fair compensation which shall be determined in default of agreement by the Government shall be paid to the Lessee/Lesseees for all loss or

Kumar Yadav  
RQP/AM/242/2003  
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damage sustained by him/ them by reason or in consequence of the exercise powers conferred by this clause :

Provided also that the exercise of such powers shall not determine said term hereby granted or affect the terms and provisions of these presents further than may be necessary to give effect to the provisions of this clause.

11. (a) *Security and forfeiture thereof* :-The Government may forfeit the whole or part of the amount deposited by the Lessee/Lessees as security under this lease in case the Lessee/Lessees commits/commit a breach of any covenant to be performed by the Lessee/ Lessees under this lease.

(b) Whenever that said Security deposit or any part thereof any further sub deposited with the Government in replacement thereof shall be forfeited under sub-clause (1) or applied by the Government in satisfaction of any dues of the Government under this lease (which the Government is hereby authorised to do) and the Lessee/Lessees shall immediately deposit with the Government such further sum as may be sufficient with the unappropriated part thereof to bring the amount in deposit with the Government upto the sum of Rs. 13,519/-

(c) The rights conferred by this clause shall be without prejudice to the right conferred on the Government by any other provision of this lease or by any law.

12. *Interpretation.*- In this lease unless the context otherwise requires:-

- (a) 'Department' means the Department of Mines & Geology, Rajasthan.
- (b) 'Director' means the Director of the Mines and Geology, Rajasthan for the time being and includes any officer lawfully authorised by him to perform any of his functions.
- (c) 'Government' includes an officer of the Government to whom any powers of the Government have been for the time being lawfully delegated.

13. *शर्तिकाएँ:-*

1] उसी क्षेत्र या राज्य सरकार द्वारा अधिनियमित किसी भी अन्य क्षेत्र में किसी भी खनन शीक्याओं के कारण नष्ट हुए वृक्षों में कम से कम दुगने वृक्षों के रोपण के लिये सुरन्त उपाय करेगा,

2] बढते के अस्तित्व के दौरान उनकी देखभाल करेगा जिसके पश्चात् वे पूरा सम्बन्धित खनन अभियन्ता/कडायक खनन अभियन्ता को सौंप दिये जायेंगे ।,

3] खनन शीक्या द्वारा नष्ट हुए खनिज क्षेत्रों और अन्य वनस्थिति को सम्भव सीमा तक पुनर्थापित करेगा,

4] सतह शीक्याओं के दौरान निकाली गयी शीर्ष मृदा का उचित रूप से ढेर लगायेगा और उसका रोपण के लिये उपयोग करेगा।"

... the provisions of the Forest Conservation Act, 1980 is received for working additional area within the lease held. Meanwhile lessee will be liable to pay deadrent for the whole of the lease area.

(B) The lessee shall restore the worked out area of the lease hold to the satisfaction of the Director of Mines and Geology and shall grow such trees and plantation and in such number over the land so restored as May be decided by the Director of Mines & Geology.

Copy  
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जयपुर  
जयपुर  
जयपुर  
जयपुर



(C) The Lease will be liable to be determined if the lessee violates condition A or B at any time.

14. IN WITNESS WHEREOF this indenture has been signed by the Lessee/Lessees.

Signed by Lessee/ Lessees

गणेशराम

Any by श्री जगन्नाथ शिखराम महाजन नि. दि. 10/11/2003

Witness (1) श्री कल्याण शिखराम महाजन नि. दि. 10/11/2003

Witness (2) \_\_\_\_\_

**Mining Engineer**  
**KARAU**  
By Order and on behalf of the  
The Governor of  
Rajasthan.  
( Designation )

( Plan with boundary marks of demarcation report to be annexed )

शे. 10 ई. 10 प्लान. 2 निकरग्राम गणेशराज तहसील मण्डला  
जिला करौली

**उप-पंजीयक**  
**बनारस**

गणेशराम

*[Signature]*

**Mining Engineer,**  
**KARAU**

By Order  
The Governor

True Copy

Arun Kumar Yadav  
RQP/AJM/242/2003/A  
Valid upto-21 May, 2023

True Copy

*[Signature]*

Arun Kumar Yadav  
RQP/AJM/242/2003/A  
Valid upto-21 May, 2023

# भारतीय गैर न्यायिक

एक सौ रुपये

Rs 100

₹-100



सत्यमेव जयते

HUN

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स्थान RAJASTHAN

NOTARIAL  
27-01-2012

## साझेदारी पत्र

मैसर्स ठेकेदार बुद्धो देवी, पुरानी ट्रक यूनियन करौली (राज0)

यह साझा पत्र आज दिनांक 27.01.2012 को निम्न लिखित पक्षकारों के मध्य लिखा गया जो बाद में इस साझा पत्र में साझेदार कहलायेंगे।

1. श्रीमति सूरज बाई पत्नी श्री रामकुमार मीना आयु 50 साल निवासी पुरानी ट्रक यूनियन करौली — प्रथम पक्ष
2. मुन्शीलाल मीना पुत्र श्री गणेशराम मीना आयु 45 साल निवासी पुरानी ट्रक यूनियन करौली — द्वितीय पक्ष
3. प्रकाश चन्द मीना पुत्र श्री गणेशराम मीना आयु 41 साल निवासी पुरानी ट्रक यूनियन करौली — तृतीय पक्ष
4. नरसी लाल मीना पुत्र श्री गणेशराम मीना आयु 37 साल निवासी पुरानी ट्रक यूनियन करौली — चतुर्थ पक्ष

यह कि श्रीमति बुद्धोदेवी पत्नी श्री गणेशराम मीना करौली के नाम खनि अभियन्ता खनिज विभाग करौली से ग्राम गढी के गाँव में खनन पट्टा सैण्ड स्टोन एम0एल0नं0 6 / 93 प्लॉट नं0 1 व एम0एल0नं0 7 / 93 प्लॉट नं0 2 से माईन्स लीज दिनांक 3.12.93 से 2.12.2013 तक के लिये स्वीकृत है।

और यह कि श्रीमति बुद्धो देवी पत्नी श्री गणेशराम मीना का देहावसान दिनांक 9.1.2012 को हो गया है अतः श्रीमति बुद्धो देवी की मृत्यु के समय की गई मौखिक वसीयत के अनुसार मेरे उत्तराधिकारी मेरी पुत्रबधू श्रीमति सूरज बाई पत्नी रामकुमार मीना एवं मेरे पुत्र मुन्शीलाल मीना, प्रकाश चन्द मीना एवं नरसी लाल मीना को मेरे व्यवसाय को चलाने का अधिकार होगा।

सूरज

ATTESTED  
UMESH PAL  
NOTARY PUBLIC  
KAROLI (Rajasthan)

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बाल मुद्रिक विज्ञान टी. ग. ल. लखनऊ  
बाल मुद्रिक पत्र संख्या 7:638  
दिनांक 27/11/12  
पुस्तक क्रमांक 1112  
विषय/पत्रिका का नाम अक्षर युवा (वी) कक्षा  
प्र. सं. 1112/12/12  
(सं. 1112/12/12)  
२०१२



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अक्षर युवा

अक्षर युवा

True Copy

Handwritten signature of Arun Kumar Yadav.

Arun Kumar Yadav



भारतीय गैर न्यायिक

एक सौ रुपये

Rs. 100

₹. 100



ONE HUNDRED RUPEES

सत्यमेव जयते

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R 810530

अतः श्रीमति सूरजबाई, श्री मुन्शीलाल मीना, श्री प्रकाश चन्द मीना एवं श्री नरसी लाल मीना ने दिनांक 27.01.2012 से ठेकेदार बुद्धोदेवी के नाम से खनन कार्य साझेदारी में करने का निश्चय किया है।

और यह कि श्रीमति सूरज बाई, मुन्शीलाल मीना, प्रकाश चन्द मीना, एवं नरसी लाल मीना ने यह निश्चय किया है कि पहले माईन्स विभाग से बुद्धोदेवी माईन्स लीज होल्डर को साझेदारी फर्म में परिवर्तन करने हेतु माईन्स विभाग में प्रार्थना पत्र प्रस्तुत किया जावे।

और यह कि श्रीमति सूरजबाई, मुन्शीलाल, प्रकाश चन्द मीना एवं नरसी लाल मीना ने यह निर्णय किया है कि साझेदारी व्यवसाय की शर्तों को एक साझापत्र में लिपिबद्ध कर लिया जावे ताकि उनमें अथवा उनके उत्तराधिकारियों में किसी प्रकार का विवाद उत्पन्न न होवे।

अतः श्रीमति सूरजबाई, मुन्शीलाल मीना, प्रकाश चन्द मीना एवं नरसी लाल मीना ने साझेदारी की निम्नलिखित शर्तें तय करते हैं जोकि निम्न हैं :-

1. यह कि साझेदारी व्यवसाय का नाम ठेकेदार बुद्धो देवी होगा एवं रहेगा।
2. यह कि साझेदारी व्यवसाय का मुख्य स्थान पुरानी ट्रक यूनियन करौली जिला करौली राज0 में स्थित है एवं साझेदारों की सहमति से कहीं भी कभी भी ब्रांच कार्यालय खोला जा सकेगा।
3. यह कि साझेदारी व्यवसाय का खनन क्षेत्र गढी का गाँव अर्थात माईन्स विभाग द्वारा दिया गया क्षेत्र होगा।
4. यह कि साझेदारी व्यवसाय दिनांक 27.01.2012 से प्रारम्भ मानी जावेगी।

सूरज

*[Signature]*

*[Signature]*

*[Signature]*

True Copy  
Umesh Pal  
NOTARY PUBLIC  
KARAULI (Rajasthan)  
RQP/AJM/242/2003/A  
21 May 2012

कर्मचारी केंद्र टी कट्टा नन्द शर्मा

जन्म तिथि 21/6/38 नदिमर क्रम सं. 21/30

दिनांक 22/11/22 गृह विभाग

पुत्री के नाम का नाम ... भूमि सुहा देवी कपिल

पिता/पति का नाम ...

पत्नी का नाम ...

(होती क्रम की दशा के हामी का नाम ...)

दिनांक ...

सत्य



सत्य

सत्य

True Copy  
  
Anur Kumar Yadav  
RQP/AJM/242/2003/A  
Valid upto-21 May, 2022

एक सौ रुपये

Rs. 100

₹. 100

ONE  
HUNDRED RUPEES



सत्यमेव जयते

भारत INDIA

INDIAN NON JUDICIAL

राजस्थान RAJASTHAN

R 810531

5. यह कि साझेदारी व्यवसाय में मुख्यतः माईन्स से पत्थर का खनन कर बिक्री किया जावेगा।
6. (1) यह कि साझेदारी व्यवसाय में सभी साझेदार बराबर-बराबर पूंजी (लागत) लगायेंगे एवं लगाई गई पूंजी पर 12 प्रतिशत की दर से ब्याज देय होगा।  
(2) यह कि इनकम टैक्स एक्ट की धारा 40 (बी) के अनुसार फर्म का बुक प्रोफिट कम हुआ या नगण्य हुआ या नुकसान हुआ तो ब्याज की दर कम या नगण्य एवं समय समय पर साझेदारों की सहमति से जैसी भी स्थिति होगी की जा सकेगी।
7. (1) यह कि साझेदारी व्यवसाय के चारों साझेदार श्रीमति सूरजबाई, मुन्शीलाल मीना, प्रकाश चन्द मीना एवं नरसी लाल मीना सभी वर्किंग पार्टनर है एवं जिन्हें वेतन भत्ते प्रतिवर्ष साझेदारों की आपसी सहमति से तय कर हिस्से के अनुसार दिये जावेंगे।  
(2) यह कि साझेदारी व्यवसाय का बुक प्रोफिट आयकर अधिनियम 1961 की धारा 40 (बी) के अनुसार कम या नगण्य या नुकसान हुआ तो साझेदारों के वेतन भत्ते कम या नगण्य जैसी भी स्थिति होगी साझेदारों को सहमति से समय समय पर तय की जा सकेगी।  
(3) यह कि उक्त चारों साझेदारों को वेतन भत्ता के अतिरिक्त बराबर बराबर हिस्से में कमीशन या बोनस भी देय होगा एवं आयकर अधिनियम 1961 की धारा 40 (बी) के एक्सप्लेनेशन 3 के अनुसार उक्त कमीशन या बोनस फर्म के बुक प्रोफिट में से निम्न प्रकार निर्धारित किया जावेगा।

(1) बुक प्रोफिट के प्रथम 300000 रुपये रूपयें 150000 या बुक प्रोफिट का 90

सुरत

जि.के.ए.

सूरजबाई

ज.के.ए.

ATTESTE  
UMESH P  
NOTARY PUBLIC  
VARAJLI (Raj)



नाम मुद्रांक दिनेश टीकण रावद शर्मा  
 अनुमा पत्र संख्या 7:633 रजिस्टर क्रम सं० 12530  
 दिनांक 22/11/22 मुद्रांक क्षेत्र का नाम ...  
 मुद्रांक क्षेत्र का नाम ...  
 पिता/पति का नाम ...  
 प्रयोजन ...  
 (हस्ताक्षर की दृष्टि में हस्ताक्षर का नाम पता ...)  
 मुद्रांक क्षेत्र के हस्ताक्षर ...

*[Handwritten signature]*

Arun Kumar Yadav  
 RQP/AJM/242/2003/A  
 Valid upto-21 May, 2023



भारतीय गैर न्यायिक

एक सौ रुपये

Rs. 100

₹. 100



ONE HUNDRED RUPEES

भारत INDIA  
INDIA NON JUDICIAL

राजस्थान RAJASTHAN

R 810532

या नुकसान की स्थिति में

प्रतिशत जो भी ज्यादा हो

(2) बुक प्रोफिट के बकाया पर

60 प्रतिशत

यह कमीशन या बोनस की गणना बिन्दु संख्या 7 (1) के अनुसार बुक प्रोफिट में से देय वेतन भत्ते को कम करने के उपरान्त बचे हुए बुक प्रोफिट में से साझेदारों के हिस्से के बराबर कमीशन या बोनस देय होगा।

यह कि आयकर अधिनियम में फर्म से सम्बन्धित भविष्य में कोई परिवर्तन या संशोधन होता है तो यह साझेदारी पत्र बिना परिवर्तित किये हुये नये प्रावधानों के अनुसार निरन्तर चालू माना जावेगा एवं संशोधित प्रावधान इस साझा पत्र पर लागू होंगे।

8. यह कि साझेदारी व्यवसाय का बैंक खाता मैसर्स बुद्धोदेवी के नाम से होगा जिसको किन्ही दो पार्टनर अपने हस्ताक्षर कर सकेंगे एवं लेन देन कर सकेंगे।
9. यह कि साझेदारी व्यवसाय की लेखा पुस्तकें प्रत्येक वर्ष की 31 मार्च को बन्द की जावेगी एवं उसी दिन साझेदारी व्यवसाय के लाभ हानि व चिटठा को तैयार किया जावेगा।
10. यह कि साझेदारी व्यवसाय का नफा नुकसान सभी खर्चा साझेदारों को देय वेतन ब्याज कमीशन या बोनस आदि के नफा नुकसान खाते में से कम करके शुद्ध मुनाफे या नुकसान को साझेदारों में निम्न प्रकार वितरित किया जावेगा।

श्रीमति सूरजबाई प्रथम पक्ष  
मुन्शीलाल मीना द्वितीय पक्ष  
प्रकाश चन्द मीना तृतीय पक्ष  
नरसी लाल मीना चतुर्थ पक्ष

25 प्रतिशत  
25 प्रतिशत  
25 प्रतिशत  
25 प्रतिशत  
कुल 100 प्रतिशत

ATTESTED  
dms  
UMESH PAL  
NOTARY PUBLIC  
KARAULI (Rajasthan)

सूरज

मुन्शीलाल

प्रकाश

नरसी

True Copy

True Copy

True Copy  
Yashwantrao Chavan  
21 May

नाम: ...

...

दिनांक: 27/1/12

12530

100h

मोहन लुका देवी कुपली

पावनपतिपती

रामकृष्ण मिशन

*[Signature]*

*[Signature]*



True Copy

*[Signature]*

Arun Kumar Yadav  
RQP/AJM/242/2003/A  
valid upto-21 May, 2023



राजस्थान RAJASTHAN

R 810533



11. यह कि साझेदारी व्यवसाय में चारों साझेदार अपनी ईमानदारी एवं कर्तव्यनिष्ठा से कार्य करेंगे एवं साझेदारी व्यवसाय को नुकसान पहुँचाने वाला कोई कार्य नहीं करेंगे।
12. यह कि साझेदारी व्यवसाय जब चाहें तब बन्द की जा सकेगी।
13. यह कि साझेदारों के मध्य उत्पन्न विवाद को भारतीय अविट्रेशन एक्ट के अन्तर्गत पंच निर्णय के सुपुर्द किया जावेगा जिसका निर्णय सभी को मान्य होगा।
14. यह कि जिन शर्तों का उल्लेख इस साझा पत्र में नहीं किया गया है उन पर भारतीय साझेदारी अधिनियम 1932 नियम लागू होंगे।

यह कि साझा पत्र जोकि 500 रूपयों के 5 किता स्टाम्पस पर उपरोक्त सभी पक्षकारों के मध्य भगवान को साक्षी मानते हुए आज दिनांक 27.01.2012 को हस्ताक्षरित किया गया ताकि सनद रहे।

दिनांक :- 27.01.2012

हस्ताक्षर साझेदार

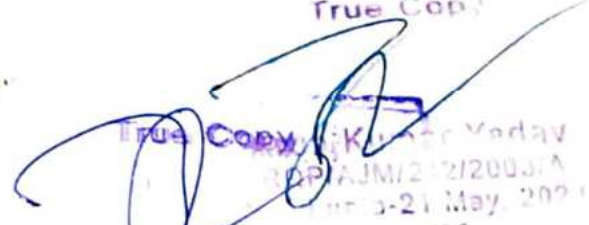
हस्ताक्षर गवाहान :-

1.   
शुभल मिश्रा/रघुश्री अंशु/अमर/लाल  
श्री. पुरानी अदालत नरौली
2.   
शिवभाऊ/श्री. श्री. अंशु/लाल/अंशु  
श्री. गजभाऊ/श्री. अंशु/लाल/अंशु  
श्री. अंशु/लाल/अंशु

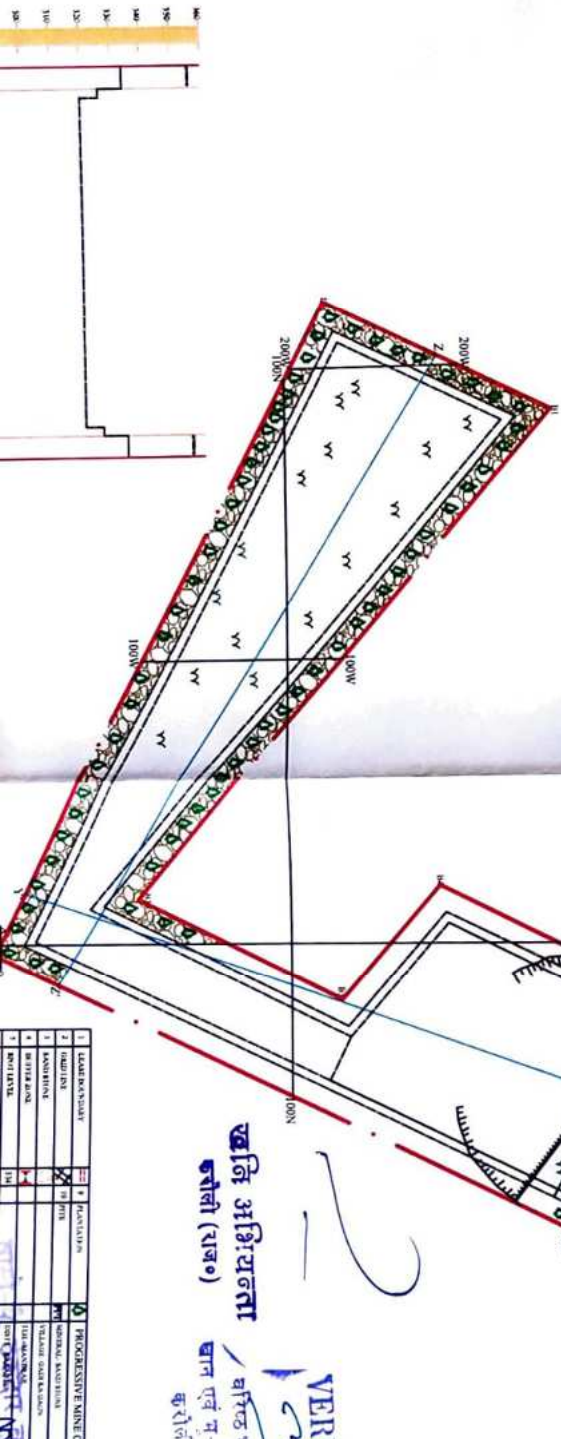
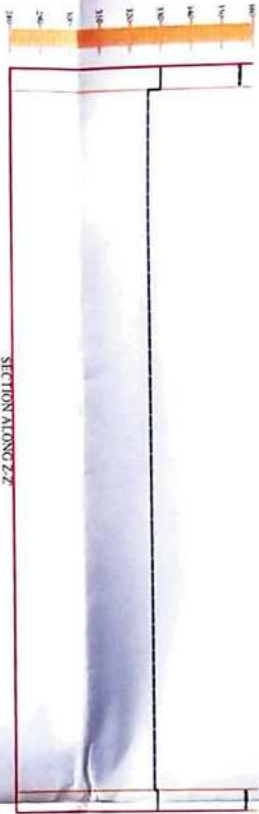
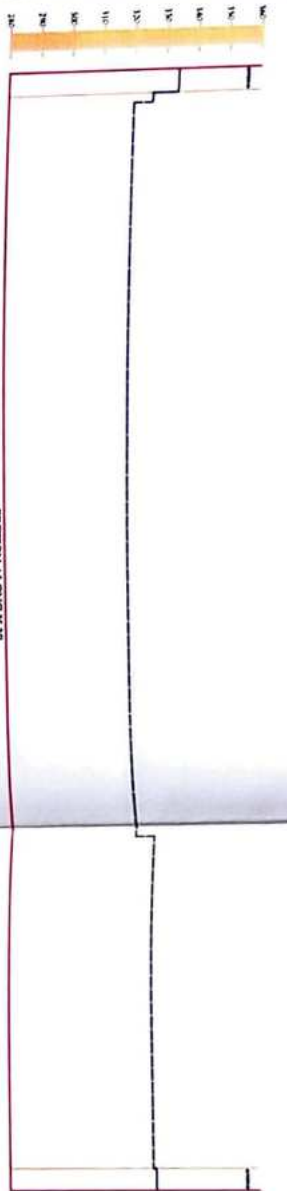
1. श्रीमति सूरजबाई
2. मुन्शीलाल मीना
3. प्रकाश चन्द मीना
4. नरसी लाल मीना


**ATTESTED**  
  
**UMESH PAL**  
NOTARY PUBLIC  
KARAU LI (Rajasthan)

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True Copy  
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RQP/AJM/242/2003/A  
Valid upto 21 May 2012

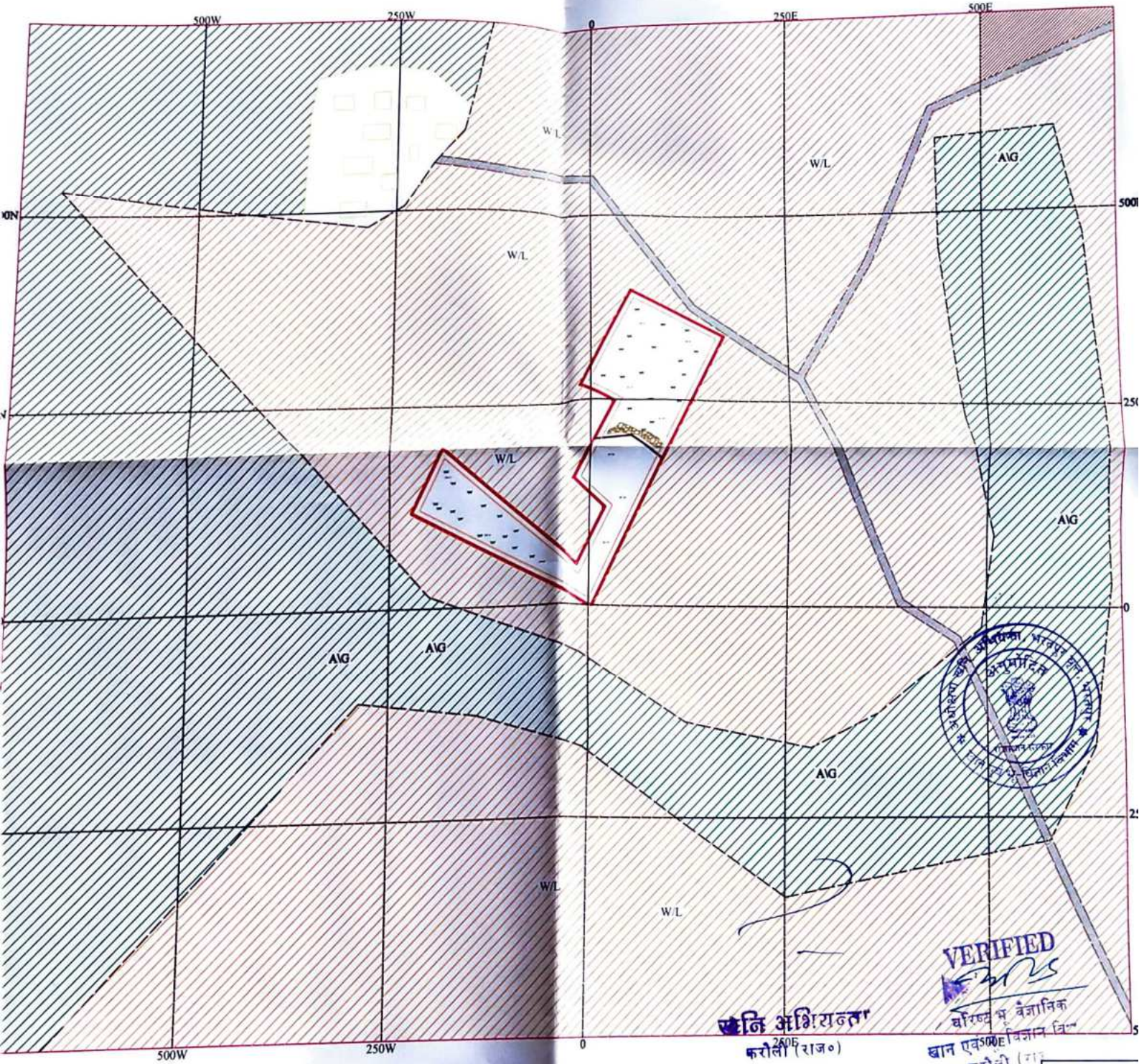




NO.	DESCRIPTION	DATE	BY
1	FOUNDATION		
2	WALLS		
3	ROOFING		
4	MECHANICAL		
5	ELECTRICAL		
6	PAINTING		
7	MECHANICAL		
8	ELECTRICAL		
9	PAINTING		
10	MECHANICAL		
11	ELECTRICAL		
12	PAINTING		

**VERIFIED**  
 खातिर अभियन्ता  
 कर्मी (राज.)  
 धर्मिक सु वैज्ञानिक  
 काम एवं सु-वित्तीय विचार  
 कर्मी (राज.)





सुनि अभियन्ता  
करोली (राज०)

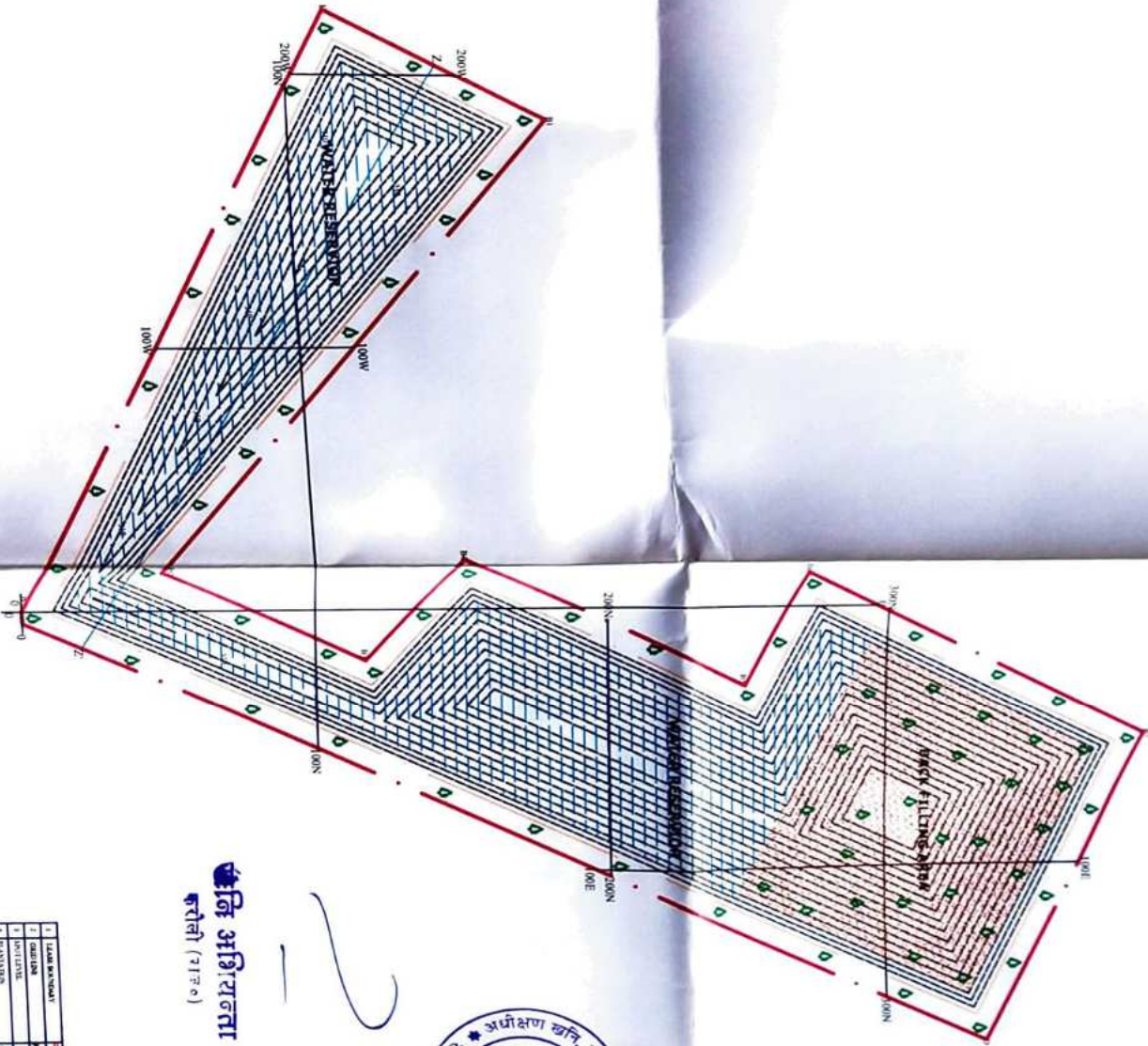
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खान एक्सपर्ट विज्ञान विभा  
करोली (राज०)

PLATE NO.-7

1	LEASE BOUNDARY	- - -	9	METAL ROAD	ENVIRONMENT PLAN	
2	GRID LINE	+	10	WASTE LAND	MINERAL- SAND STONE	SCALE-1:5000
3	PITE			WASTE DUMP	VILLAGE- GADI KA GAON	AREA-4.728 HECT.
4	PLANTATION	⊕			TEH- MANDRAIL	DATE OF SURVEY-11/0
5	AGRICULTURAL LAND	Diagonal hatching			DISTT.- KARAU LI	SURVEYED & PREPAR
6	CART TRACK	- - -			STATE- RAJASTHAN	
7	HABITATION	□			NAME OF THE LESSEE-	
8	SPOT LEVEL	334			Sh. BUDDO DEVI (M.I. No -0793)	AK YADAV RQP/AM/242/2003/A VALID DATE 21 MAY 2023

जाते- मे. ठेकेदार बुद्धो देवी

Arun Kumar Yadav  
ROPIAJM/242/2003/A  
2023



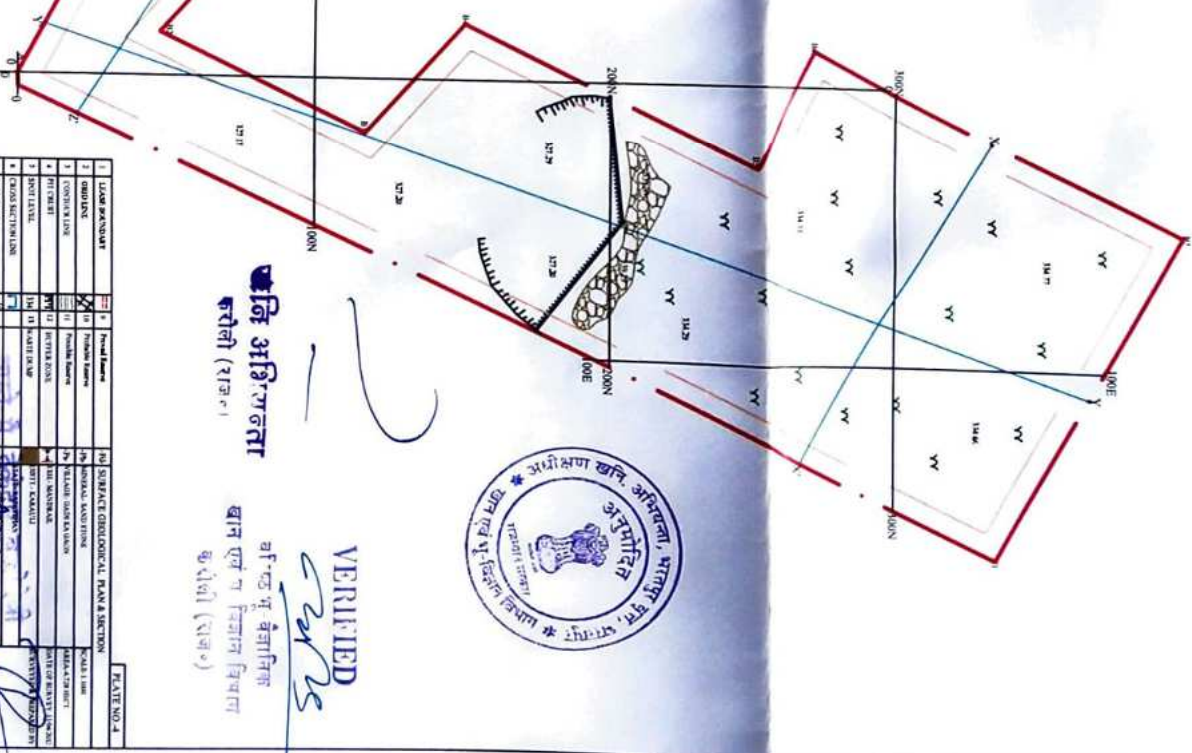
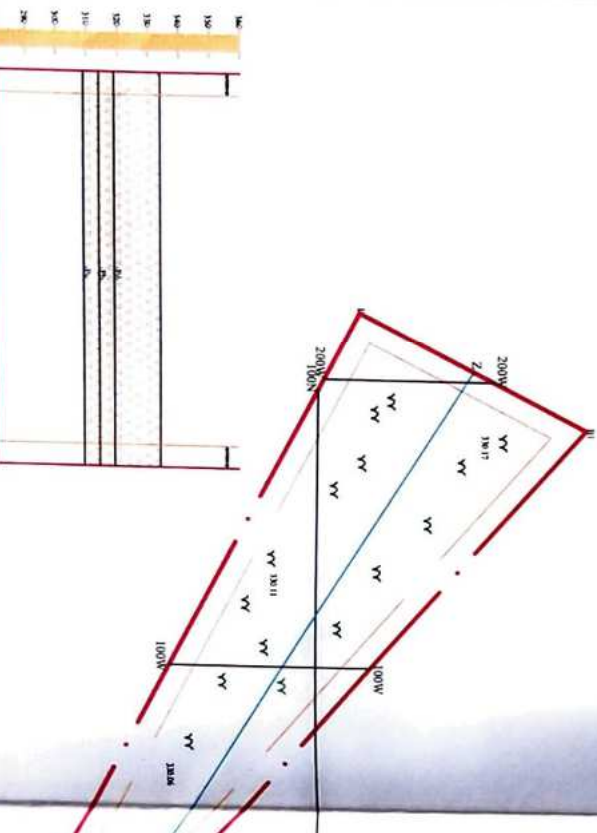
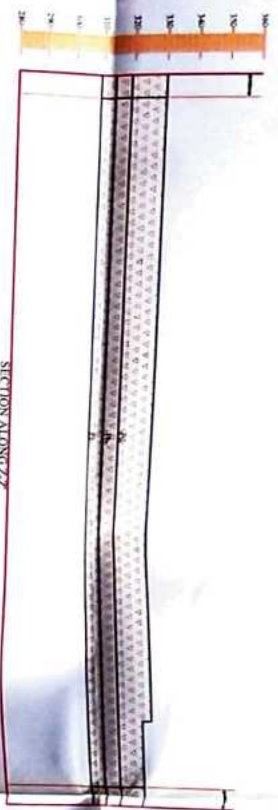
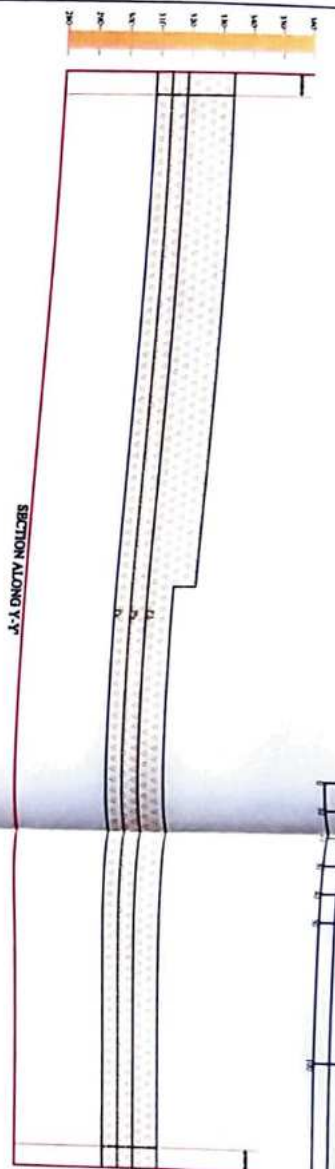
**जि अठियातना**  
करोली (राज.)

**VERIFIED**  
भारत मंत्रालय  
कानून एवं प्लानिंग विभाग  
करोली (राज.)

CONCEPTUAL PLAN		PLAT NO. 4	
1	SCALE AND DIMENSIONS	✓	SCALE 1:1000
2	BOUNDARIES	✓	BOUNDARIES
3	ROADS AND DRIVEWAYS	✓	ROADS AND DRIVEWAYS
4	UTILITIES	✓	UTILITIES
5	LAND USE	✓	LAND USE
6	SETBACKS	✓	SETBACKS
7	ENCLOSURES	✓	ENCLOSURES
8	PLANTING	✓	PLANTING
9	OTHER FEATURES	✓	OTHER FEATURES
10	NOTES	✓	NOTES

Approved by the  
Municipal Corporation  
and upto 21 May 2021





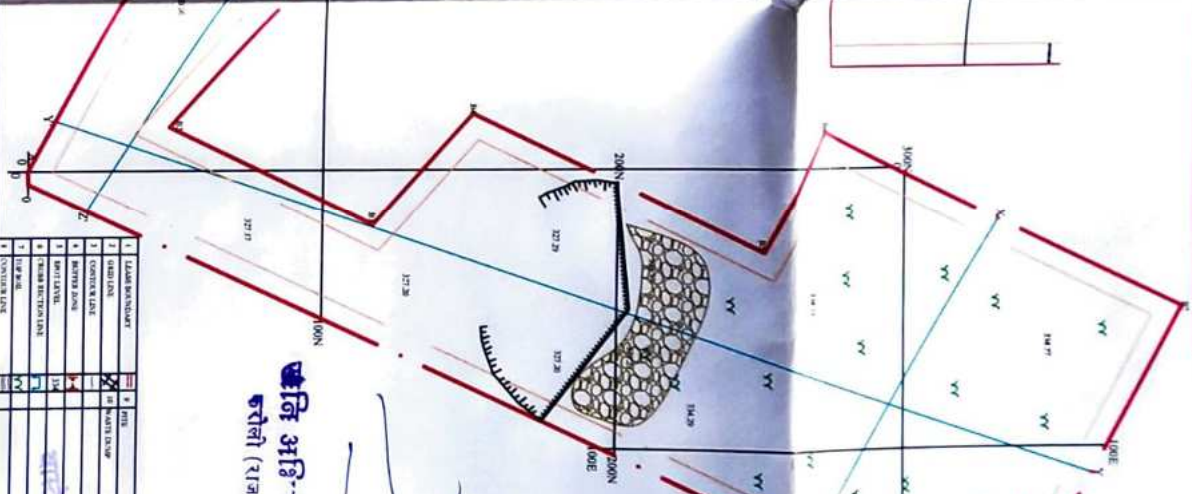
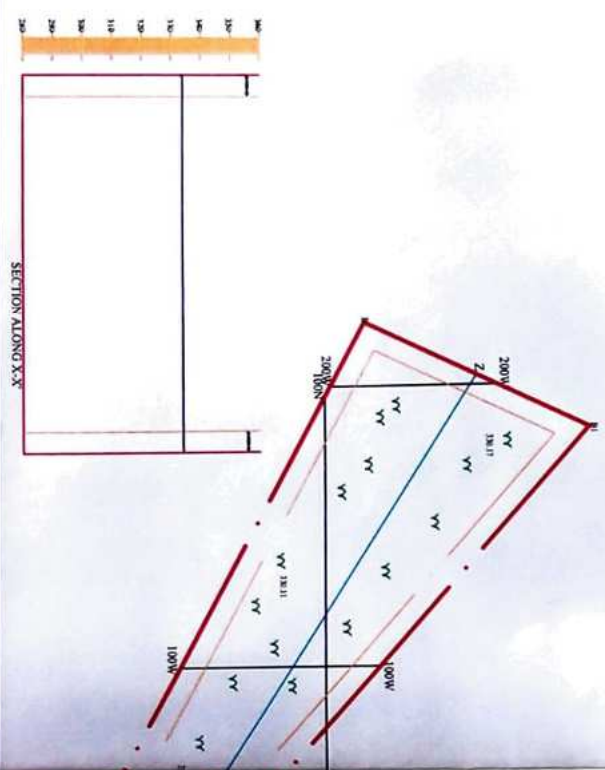
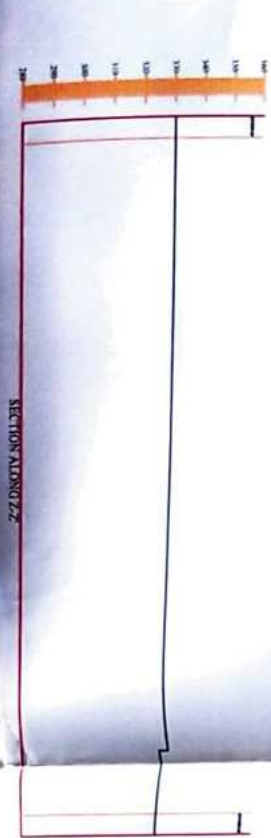
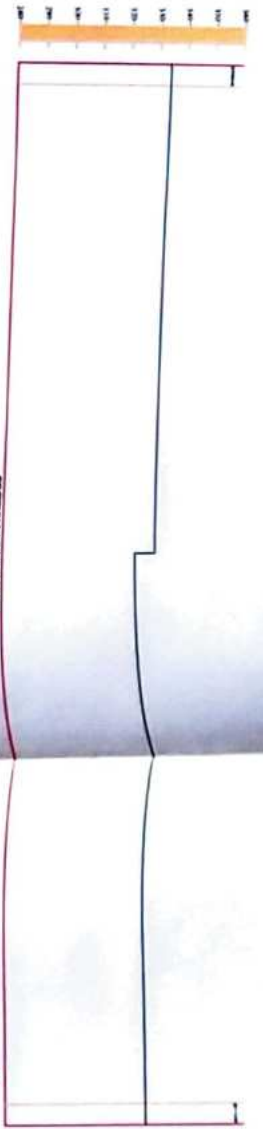
Sl. No.	Particulars	Provided	Required
1	ROAD PAVEMENT	✓	✓
2	ROADSIDE DRAINAGE	✓	✓
3	ROADSIDE LIGHTING	✓	✓
4	ROADSIDE SIGNAGE	✓	✓
5	ROADSIDE BENCHES	✓	✓
6	ROADSIDE TREES	✓	✓
7	ROADSIDE FENCE	✓	✓
8	ROADSIDE UTILITIES	✓	✓
9	ROADSIDE LANDSCAPING	✓	✓
10	ROADSIDE SECURITY	✓	✓
11	ROADSIDE MAINTENANCE	✓	✓
12	ROADSIDE CLEANING	✓	✓
13	ROADSIDE PAINTING	✓	✓
14	ROADSIDE SIGNAGE	✓	✓
15	ROADSIDE LIGHTING	✓	✓
16	ROADSIDE DRAINAGE	✓	✓
17	ROADSIDE BENCHES	✓	✓
18	ROADSIDE TREES	✓	✓
19	ROADSIDE FENCE	✓	✓
20	ROADSIDE UTILITIES	✓	✓
21	ROADSIDE LANDSCAPING	✓	✓
22	ROADSIDE SECURITY	✓	✓
23	ROADSIDE MAINTENANCE	✓	✓
24	ROADSIDE CLEANING	✓	✓
25	ROADSIDE PAINTING	✓	✓

**अभि अडिजलतल**  
 कवीली (राज.)  
 वी.एस. वेंकटराज  
 खान एवं च विज्ञान विद्यालय  
 कवीली (राज.)



**VERIFIED**  
*20/12*





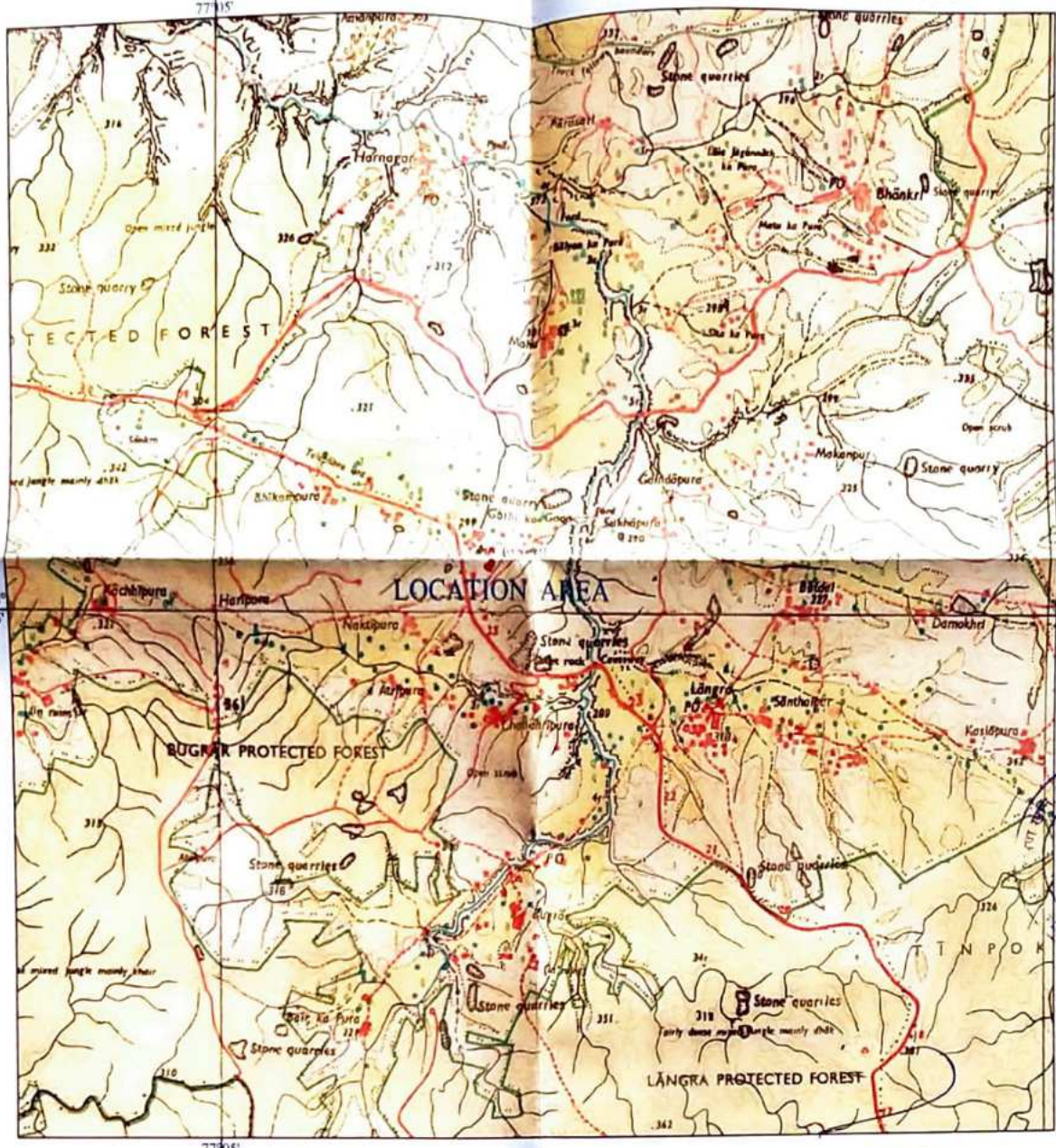
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 डॉ. अशोक कुमार  
 कवीर (राज.)  
 वास्तु इंजीनियरिंग  
 कवीर (राज.)

1. LAYOUT INFORMATION		2. SURFACE PLANS & SECTION	
1	DATE	1	DATE
2	SCALE	2	SCALE
3	PROJECT NAME	3	PROJECT NAME
4	CLIENT NAME	4	CLIENT NAME
5	PROJECT ADDRESS	5	PROJECT ADDRESS
6	PROJECT LOCATION	6	PROJECT LOCATION
7	PROJECT STATUS	7	PROJECT STATUS
8	PROJECT TYPE	8	PROJECT TYPE
9	PROJECT VALUE	9	PROJECT VALUE
10	PROJECT PERIOD	10	PROJECT PERIOD
11	PROJECT TEAM	11	PROJECT TEAM
12	PROJECT CONTACT	12	PROJECT CONTACT
13	PROJECT NOTES	13	PROJECT NOTES
14	PROJECT COMMENTS	14	PROJECT COMMENTS
15	PROJECT SIGNATURE	15	PROJECT SIGNATURE
16	PROJECT SEAL	16	PROJECT SEAL

Kumar Yadav  
 RAJ/AM/2432/0007A



G.T. Sheet NO - 54 F/3




**LOCATION AREA**



**खनि अभियन्ता**  
करोली (राज०)

PLATE NO. 2

LEASE BOUNDARY	KEY PLAN
MINERAL- SAND STONE	SCALE-1:5000
VILLAGE- GADI KA GAON	AREA-4.728 HECT.
TEH.- MANDRAIL	DATE OF SURVEY-11/04/2013
DISTT.- KARALI	SURVEYED & PREPARED BY-
STATE- RAJASTHAN	 A.R. YADAV RQP/AM/242/2003/A VALID DATE 21 MAY 2023
NAME OF THE LESSEE-	

Sh. BUDDO DEVI  
(M.F. No.-07/93)

अभियन्ता/परम  
Arun Kumar Yadav  
2003/A

सवाई माधोपुर एवम करौली जिला

पैमाना 0 10 किमी.

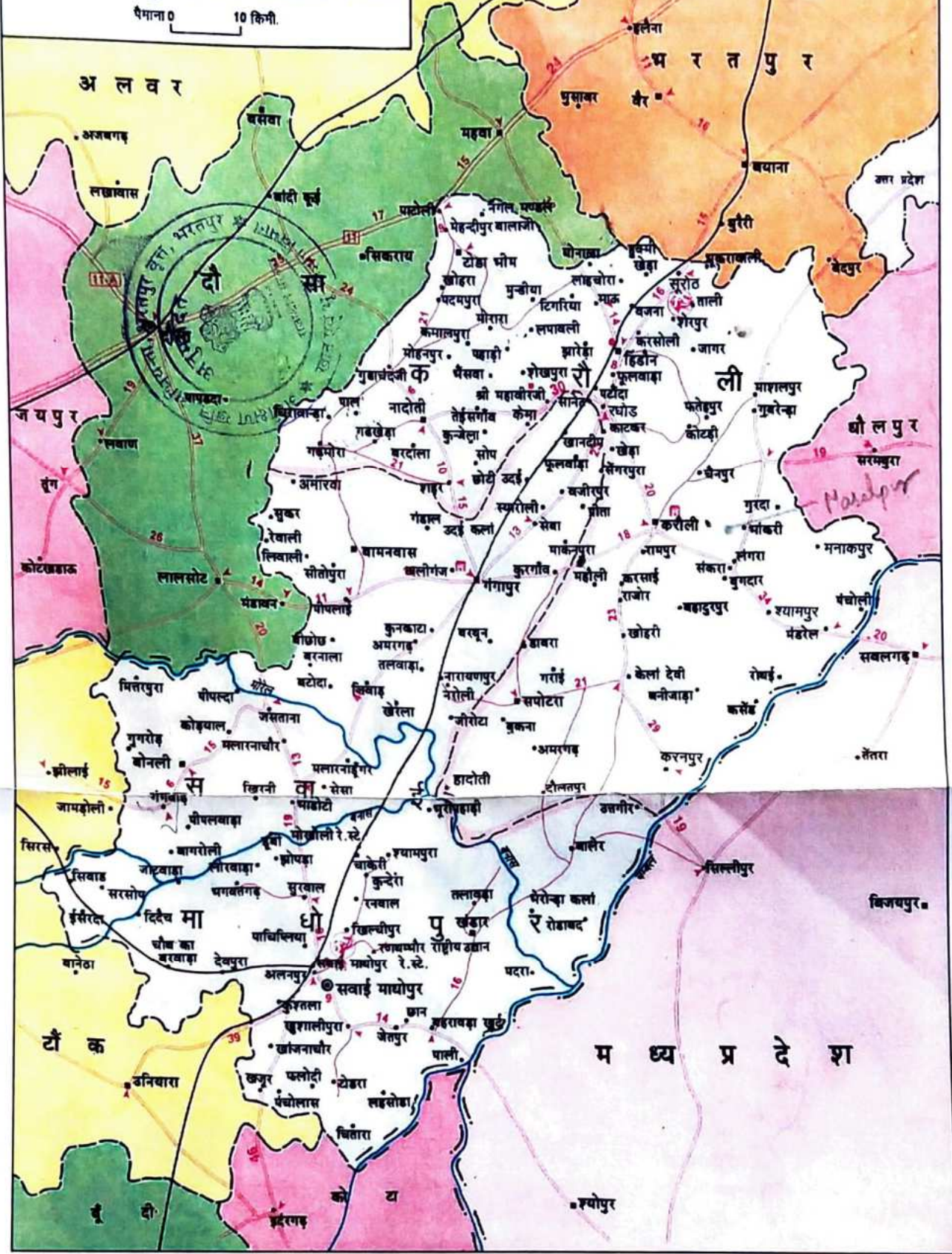







PLATE NO.-1

LEASE BOUNDARY		MINERAL- SAND STONE	LOCATION PLAN
NATIONAL HIGHWAY		VILLAGE- GADI KA GAON	NOT TO SCALE
STATE HIGHWAY		TEH.- MANDRAIL	AREA-4.728 HECT.
DISTRICT ROAD		DISTT.- KARAULI	DATE OF SURVEY-11/04/2013
RIVER		STATE- RAJASTHAN	SURVEYED & PREPARED BY-
		NAME OF THE LESSEE-	

वास्तु-म. केदार बुद्धोदकी

A.K. Yadav  
ROPA/11/242/2003/A  
27/05/2013