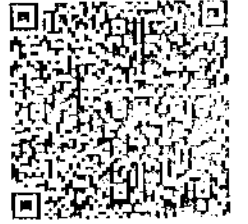




Head Office (Mines)

Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-5159600,5159695 Fax: 0141-5159697



Registered

File No F(Mines)/Bikaner(Kolayat)/1975(1)/2016-2017/9366-9370

Order No 2016-2017/Mines/9099

Date: 03/01/2017

Unit Id : 10,001

M/s FCI Aravali Gypsum & Minerals India Limited

Mangu Singh Rajvi Marg, Paota 'B' Road, Jodhpur,

District :Jodhpur

E-Mail : dkarora_07@yahoo.co.in

Sub: Grant of Consent to Operate under section 21(4) of Air (Prevention & Control of Pollution) Act, 1981 and under section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 for your **Minor Mineral Mine** at near Village-Randhisar, Tehsil-Kolayat, District- **Bikaner (M.L.No-06/02)**.

Ref: (i) Your applications dated 01/12/2015
(ii) Received on 21/12/2015

Sir,

In view of the details submitted vide your above referred applications/ documents, the **Consent to Operate** under section 21(4) of Air (Prevention & Control of Pollution) Act,1981 and under section 25/26 of Water (Prevention & Control of Pollution) Act, 1974 is hereby granted for carrying mining activities. This consent is subject to the following stipulations:-

- 1 That this consent is being granted in favour of **M/s. FCI Aravali Gypsum & Minerals India Limited**, a Mine of **Minor Mineral** having **M.L.No.- 06/02** in an area measuring **200.0000 Hectares** at/near Village-Randhisar ,Tehsil-Kolayat,District-Bikaner.
- 2 That this consent is valid for a period from **01/05/2016** to **30/04/2019**
- 3 That this consent is valid for following mining activities :-

| Mineral | Permitted Mining Capacity |
|----------|---------------------------|
| 1 GYPSUM | 15000.0000 TONNES / ANNUM |

Signature Not Verified
Digitally signed by
Rajendra Kumar
DN: cn=Rajendra Kumar, o=State Pollution Control Board, ou=Jaipur, email=rajendra.kumar@spcb.rajasthan.gov.in



Head Office (Mines)

Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-5159600,5159695 Fax: 0141-5159697

Registered

File No F(Mines)/Bikaner(Kolayat)/1975(1)/2016-2017/9366-9370

Order No 2016-2017/Mines/9099

Date: 03/01/2017

Unit Id : 10,001

- 4 That you shall achieve following standards in ambient air in mine area / mining activities.

| Pollutant | Standards for Ambient Air | Standards for mining activity |
|-----------------|---------------------------|---|
| SPM | 500 µg/M ³ | SPM = 600 µg/M ³ (To be measured between 3 to 10 meters from mining activity) |
| SO ₂ | 120 µg/M ³ | |
| NO _x | 120 µg/M ³ | |
| CO | 5000 µg/M ³ | |

- 5 That the Mining unit shall maintain zero discharge status of waste water from the premises. No trade effluent shall be discharged inside/outside mine premises. *
- 6 That your mining will not intersect the Ground Water Table during the consent period and the permission from the Central Ground Water Authority shall be obtained for intersection of Ground Water Table/ abstraction of ground water, if any and submit a copy of the same to the Board.
- 7 That this **Consent to Operate** is for mining / processing / beneficiation of product as mentioned above in **M.L.No.-06/02** and a separate **Consent to Operate** is required to be obtained for any other Mineral mining/ processing/ beneficiation Plant/process if any and for any addition/ modification/ alteration or change in process.
- 8 That the occupier/operator of mine shall ensure that all the conditions imposed in the Environmental Clearance granted by the Ministry of Environment, Forest & Climate Change, Government of India vide letter no. J-11015/108/2005-IA.II (M) dated 21/12/2005 are strictly complied with.
- 9 That plantation shall be developed so as to cover at least 33% of the total land use for mining and allied activities as given in Approved Mining Plan and shall be maintained at all the time to preserve ambient air quality around the mine.
- 10 That mining operations shall be restricted to above ground water table and should not intersect ground water table. In case of working below the ground water table, prior approval of the Ministry of Environment, Forest & Climate Change and Central Ground Water Authority shall be obtained.
- 11 That ground water shall not be extracted without prior permission of the Central Ground Water Authority (CGWA).
- 12 That haul roads should be regularly graded and compacted. Regular water sprinkling should be carried out on haul roads to minimise dust generations.

Signature Not
Verified
Digitally signed by
Rajasthan State Pollution Control Board
Date: 2017.01.03
15:10:27 +05:30

Head Office (Mines)

Rajasthan State Pollution Control Board

4, Institutional Area, Jhalana Doongari, Jaipur-302 004

Phone: 0141-5159600,5159695 Fax: 0141-5159697

Registered

File No F(Mines)/Bikaner(Kolayat)/1975(1)/2016-2017/9366-9370

Order No 2016-2017/Mines/9099

Date: 03/01/2017

Unit Id : 10,001

- 13 That adequate measures shall be taken for control of fugitive emissions from the areas prone to air pollution.
- 14 That no discharge of effluent shall be made within or outside the premises.
- 15 That mine will comply with the standards as prescribed vide Ministry of Environment, Forest and Climate Change notification no. GSR 826 (E) dated 16th November, 2009 with respect to National Ambient Air Quality standards.
- 16 That all other general conditions enclosed as Annexure shall be strictly complied with.
- 17 That this Consent is subject to the conditions as stated above and general conditions as stated in Annexure. Further, the mining unit will comply with the provisions of the Air (Prevention & Control of Pollution) Act, 1981 & Water (Prevention & Control of Pollution) Act, 1974 and any such conditions as may be specified from time to time by the State Board under the provisions of the aforesaid Acts.
- 18 That the grant of this **Consent to Operate** is issued from the environmental angle only, and does not absolve the project proponent from the other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility, to comply with the conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ project proponent.
- 19 That the grant of this **Consent to Operate** shall not, in any way, adversely affect or jeopardize the legal proceedings, if any, instituted in the past or that could be instituted against you by the State Board for violation of the provisions of the Act or the Rules made thereunder.

This bears approval of the competent authority.

Encl: As Above

Yours Sincerely

Group Incharge-Mines

Copy To:-

- 1 Director, Department of Mines & Geology, Government of Rajasthan, Shastri Circle, Udaipur..
- 2 Regional Officer, Regional Office, Rajasthan State Pollution Control Board, Bikaner - Please ensure compliance of consent conditions
- 3 Mining Engineer, Department of Mines & Geology, Government of Rajasthan, Bikaner
- 4 Master File .

Signature Not
Verified
Digitally signed by
NIRAJ MAHAR
Date: 2017.01.03
15:10:27 +05:30



Head Office (Mines)
Rajasthan State Pollution Control Board
4, Institutional Area, Jhalana Doongari, Jaipur-302 004
Phone: 0141-5159600,5159695 Fax: 0141-5159697

Registered

File No F(Mines)/Bikaner(Kolayat)/1975(1)/2016-2017/9366-9370
Order No 2016-2017/Mines/9099
Unit Id : 10,001

Date: 03/01/2017

Signature Not
Verified
Digitally signed by
NIRAJ KATHIRI
Date: 2017.01.03
15:10:25 +05'30'

Group Charge-Mines





राजस्थान RAJASTHAN


534620

FILE No. ME/BK/ML/06/2002

These Non-Judicial Stamp Papers worth Rs. 10,500/- [5000+5000+500] are in lieu of Mining Lease Agreement (Annexed hereto) duly executed on dated 11.5.07 by Shri PREM RAJ DAVE, Chief Manager (Mining), Jodhpur. Mangu Singh Rajavi Marg, Paota Road, Jodhpur for the grant of Mining Lease of Mineral Gypsum, Near village Randhisar, Tehsil Kolayat, District BIKANER for an area of 200.00 Hectares sanctioned vide Government Order No. P.15(30)/Khan/Group 1/2002, Jaipur dated 19.01.2007 for a period of 20 years from the date of registration of this Mining Lease Agreement as per



 (श्री. आर. दवे)
 मुख्य प्रबंधक (खान)
 एफसीआई अरावली लिमिटेड एण्ड मिनेरल रजिस्ट्रार लि.
 (भारत भारपूर तथा खानकोट)
 जोधपुर

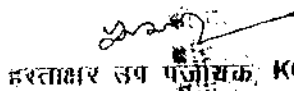

 खान मंगु सिंह राजवी
 काम पूर्ण मू. विद्यालय विद्यालय
 बीकानेर [राजस्थान]


 सहायक प्रबंधक
 खानकोट मू. विद्यालय


2007/77 दिनांक 16-4-07
 प्रस्तावक
 प्रस्तावक का नाम श्री. प्रेम राज डेव
 पता श्री. प्रेम राज डेव
 निवासी F.A.G.M.I.L PAOTA B ROAD, JODHPUR
 दिनांक 16-4-07
 प्रस्तावक का नाम श्री. प्रेम राज डेव
 पता श्री. प्रेम राज डेव
 निवासी F.A.G.M.I.L PAOTA B ROAD, JODHPUR

आज दिनांक 11 माह May सन् 2007 को 16:40 बजे
 श्री/श्रीमती/शुश्री PREM RAJ DAVE पुत्र/पुत्री/पत्नी श्री SAMBHAJ RAJ DAVE
 उय 56 वर्ष, जाति DAVE व्यवसाय C.A. निवासी
 निवासी F.A.G.M.I.L PAOTA B ROAD, JODHPUR
 ने मेरे सम्मुख दस्तावेज पंजीयन हेतु प्रस्तुत किया।

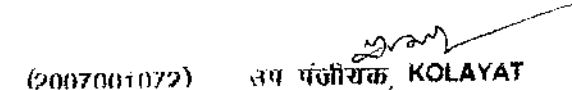

 हस्ताक्षर परतुकता
 (2007001072)


 हस्ताक्षर उप पंजीयक, KOLAYAT

(Mining lease & transfer of mining lease) 21/5/07


 दिनांक 11/05/2007

रसीद नं० 2007001013 दिनांक 11/05/2007
 पंजीयन शुल्क ₹0 1620/-
 प्रतिलिपि शुल्क ₹0 100/-
 प्रत्येक पृष्ठ पर शुल्क ₹0 0/-
 अन्य शुल्क ₹0 0/-
 कमी स्टाम्प शुल्क ₹0 0/-
 कुल योग ₹0 1720/-


 (2007001072) उप पंजीयक, KOLAYAT
 (Mining lease & transfer of mining lease)



राजस्थान RAJASTHAN

514393

(2)

Mineral Concession Rules, 1960 and M.M. (D. & R.) Act, 1957 and as amended from time to time.

Signed by _____

(श्री. जार. पथे)

मुख्य प्रबन्धक (खान)

(For and of the Lessee) एफ.सी.आई. अरावली लिमिटेड एण्ड एन.एच.एल. लि. (महाराष्ट्र सरकार के अधीन) (राजस्थान)

Signed by _____

उपरोक्त खान अधिकारी

(For and of the Governor of Raj.)

in presence of:

WITNESS :

[1]

शंकर राम

Shankar Ram Meshwal AMB

AGMIL, Bikaner

[2]

(Arvind Kumar Jain)

AMB AGMIL

27/11/2017, Bikaner

ATTESTED

खति आचार्यजी

ज्ञान एवं भू-निष्ठा विभाग

बीकानेर [राज०]

Contd...3.

20/6-1987
 प्रथम नाम मुद्रा प्रमाणिका के अग्रिम
 निवासी जोधपुर
 वास्तु (सि) 25/2 सादुलगांज, बीकानेर
 शा. प्र. (सि) 25/2 सादुलगांज, बीकानेर (स.व.)

हस्ताक्षर फोटो अगूठा

उक्त श्री / श्रीमती / सुश्री (Executant)
 1-PREM RAJ DAVE/SAMPAT RAJ DAVE
 Age:66, Caste-DAVE
 Occu.-C.M. (M)
 R/O-F.A.G.M.I.L. PAOTA B ROAD. JODHPUR

[Handwritten Signature]



न लेख्यपत्र Mining lease & transfer of mining lease
 को पढ़ सुन व समझकर निष्पादन करना स्वीकार किया।

उक्त निष्पादन कर्ता की पहचान
 1. श्री / श्रीमती / सुश्री SHANKERA RAM
 पुत्र / पुत्री / पत्नी श्री N.R.MEGHWAL उम्र 30 वर्ष
 जाति MECHWAL व्यवसाय SERVICE
 निवासी 25/2 A SADULGANJ, BIKANER

[Handwritten Signature]



2 श्री / श्रीमती / सुश्री ARVIND KUMAR JAIN
 पुत्र / पुत्री / पत्नी श्री INDRA MAL JAIN उम्र 35 वर्ष
 जाति JAIN व्यवसाय SERVICE
 निवासी 25/2 A SADULGANJ, BIKANER ने की है जिनके

[Handwritten Signature]



समस्त हस्ताक्षर एवं अगूठा के निशान मेरे समक्ष लिये गये हैं

(2007001072)
(Mining lease & transfer of mining lease)

उप पंजीयक, KOLAYAT

भारतीय गैर न्यायिक

भारत INDIA

₹. 500



FIVE HUNDRED
RUPEES

पाँच सौ रुपये

सत्यमेव जयते

Rs. 500

INDIA NON JUDICIAL

राजस्थान RAJASTHAN

219270

(3)

FILE No. ME/BK/ML/06/2002

----- Enclosed Herewith -----

Signed by _____

[Signature]

मुख्य प्रबंधक (खान) (For and on behalf of the Lessee)

Signed by _____

[Signature]

सहायक सचिव (For and on behalf of the Governor of Raj.)

in presence of:

WITNESS :

[1]

Shankar Ram Magdawal AME
FARMER BIKANER

[2]

[Signature]
AME, FARMER

[Signature]

ATTESTED

[Signature]
सहायक सचिव (राजग)
बीकानेर (राजग)

पृष्ठ संख्या 777 दिनांक 16-4-07
पृष्ठ नाम ~~भूखण्ड पुस्तक संख्या 777 का अंतिम~~
पृष्ठ संख्या ~~777~~
पृष्ठ नाम ~~भूखण्ड पुस्तक संख्या 777 का अंतिम~~

भूखण्ड पुस्तक संख्या 777 का अंतिम पृष्ठ
भूखण्ड पुस्तक संख्या 777 का अंतिम पृष्ठ
भूखण्ड पुस्तक संख्या 777 का अंतिम पृष्ठ

आज दिनांक 11/05/2007 को
पुस्तक संख्या 1 जिल्द संख्या 172
में पृष्ठ संख्या 78 क्रम संख्या 2007000878 पर
पंजीबद्ध किया गया तथा अतिरिक्त
पुस्तक संख्या 1 जिल्द संख्या 369
के पृष्ठ संख्या 199 से 227 पर
रक्षित किया गया।

(2007001072) तय पंजीबद्ध KOLAYAT
(Mining lease & transfer of mining lease)

भूखण्ड पुस्तक संख्या 777 का अंतिम पृष्ठ
भूखण्ड पुस्तक संख्या 777 का अंतिम पृष्ठ
भूखण्ड पुस्तक संख्या 777 का अंतिम पृष्ठ

FORM- K
MODEL FORM OF MINING LEASE

(See rule 31)

THIS INDENTURE made this 11th day of May 2007 between the Governor of RAJASTHAN / the President of India (hereinafter referred to as the 'State Government' which expression shall where the context so admits be deemed to include the successors and assigns) of the one part and _____

When the lessee is an individual

(Name of person with address and occupation) (hereinafter referred to as "the lessee" which expression shall where the context so admits be deemed to include his heirs, executors, administrators, representatives and permitted assigns).

When the lessee are more than one individual

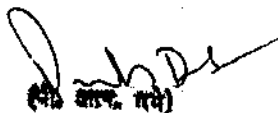
(Name of person with address and occupation) and _____
(Name of person with address and occupation) (hereinafter referred to as "the lessee" which expression shall where the context so admits be deemed to include their respective heirs, executors, administrators, representatives and their permitted assigns).

When the lessee is a registered firm

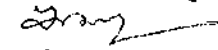
_____ (Name and address of partner), Son of _____ of _____ Son of _____ of _____ all carrying on business in partnership under the firm name and style of _____ (name of the firm) registered under the Indian Partnership Act, 1932 (9 of 1932) and having their registered office at _____ in the town of (hereinafter referred to as "the licensee" which expression where the context so admits be deemed to include all the said partners their respective heirs, executors, legal representatives and permitted assigns).

When the lessee is a registered company

^{Section 32,}
Eci Aravali Gypsum and mineral (Name of company) a company registered under Company Act (Act under which incorporated) and having its registered office at Mangusingh Rajvi Marg (Pawta B Road) Jodhpur (Address) (hereinafter referred to as "the lessee" which expression shall where the context so admits be deemed to include its successors and permitted assigns) of the other part.


(नि. शास. पक्षे)
राज्य सरकार (राजस्थान)
एकरीफत करारनामो विषयक एकरा मिनरल लाइसेंस मंत्रालय
(मिनरल लाइसेंस का कार्यालय)
जोधपुर

शामिल दस्तावेज रहे


उपरोक्त, कोलायत

खुशिल शर्मा


बान एच भू- विज्ञान विभाग
जोधपुर [राज.]

WHEREAS THE lessee/lessees has/have applied to the State Government in accordance with the Mineral Concession Rules, 1960 (hereinafter referred to as the said Rules) for a mining lease for Gypsum in respect of the lands described in Part-I of the Schedule here under written and has/have deposited with the State Government the sum of Rs. 10000/- as security and the sum of Rs. 1000/- for meeting the preliminary expenses for a mining lease (and WHEREAS the Central Government has approved the grant of lease.)


WITNESSETH that in consideration of the rents and royalties, covenants and agreements by and in these presents and the Schedule hereunder written reserved and contained and on the part of the lessee/lessees to be paid observed and performed, the State Government (with the approval of the Central Government) hereby grants and demises unto lessee/lessees.

All those the mines beds/veins seams of Gypsum (here state the mineral or minerals) (hereinafter and in the Schedule referred to as the said minerals) situated lying and being in or under the lands which are referred to in Part-I of the said Schedule, together with the liberties, powers and privileges to be exercised or enjoyed in connection herewith which are mentioned in Part-II of the said Schedule subject to the restrictions and conditions as to the exercise and enjoyment of such liberties, powers and privileges which are mentioned in Part-III of the said Schedule EXCEPT and reserving out of this demise unto the State Government the liberties, powers and privileges mentioned in Part-IV of the said Schedule TO HOLD the premises hereby granted and demised unto the lessee/lessees from the date of registration of lease agreement day 200 for the term of twenty years thence next ensuing YIELDING AND PAYING therefore unto the State Government the several rents and royalties mentioned in Part-V of the said Schedule at the respective times therein specified subject to the provisions contained in Part-VI of the said Schedule and the lessee/lessees hereby covenants/ covenant with the State Government as in Part-VII of the said Schedule is expressed and the State Government hereby covenants with the lessee/lessees as in Part-VIII of the said Schedule as expressed AND it is hereby mutually agreed between the parties hereto as in Part-IX of the said Schedule is expressed.

IN WITNESS WHEREOF these present have been executed in manner hereunder appearing the day and year first above written.

 The Schedule above referred to.

STATE GOVERNMENT
MINERAL CONCESSIONS
DEPARTMENT
BANGALORE


सति अभियन्ता
ज्ञान एवं सू - विज्ञान विभाग
बंगलूर [राक्ष०]

PART- I
THE ARE OF THIS LEASE

Location and area of the lease :

All that tract of lands situated at M. V. Randhivas (Description of area or areas) 200 Hect in (Pargana) in _____ the Registration District of BIKANER Sub-District KOLAYAT and Thana KOLAYAT bearing Cadestral survey Nos. _____ containing an area of _____ or thereabouts delineated on the plan hereto annexed and thereon coloured _____ and bounded as follows :-

| | | |
|-----------------|---|---|
| On the North by | : |] AS per plan & demarcation Report attached. |
| On the South by | : | |
| On the East by | : | |
| And | : | |
| On the West by | : | |

hereinafter referred to as "the said lands".

PART-II

Liberties, powers and privileges to be exercised and enjoyed by the lessee/lessees subject to the restrictions and conditions in Part-III.

To enter upon land and search for, win, work, etc.

1. Liberty and power at all times during the term 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 mineral/minerals.

To sink, drive and make pits, shafts and inclines etc. :-

2. Liberty and power for or in connection with any of the purposes mentioned in this part 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 extent any existing works of the like nature in the said lands).

To bring and use machinery equipment etc. :-

3. Liberty and power for or in connection with any of the purposes mentioned in this part to erect, construct, maintain and use on or under the said lands any engines, machinery, plant, dressing, floors, furnaces, coke ovens, brick-kilns, workshops, store-houses, bungalows, godowns, sheds, and other building and other works and conveniences of the like nature on or under the said lands.

मुख्य दफ्तर
एकरीआई जलपत्ती विभाग एवं निगरण विभाग
(भारत सरकार का उपकार)
जोधपुर

शामिल दस्तावेज रहे
Bran
उप पंजीयक, कोलायत

खलि अधिकारी
आन एवं भू- विज्ञान विभाग
बीकानेर [राज०]

To make roads and ways etc. and use existing roads and ways :-

4. Liberty and power for or in connection with any of the purposes mentioned in this part to make any tramways, railways, roads, aircraft landing grounds and other ways in or over the said lands and to use maintain and go, and repass with or without horses, cattle, wagons, aircrafts, locomotives, or other vehicles over the same (or any existing tramways roads and other ways in or over the said lands) on such conditions as may be agreed to.

To get building and road materials etc. :-

5. Liberty and power for or in connection with any of the purposes mentioned in this part to quarry and get stone gravel and other building and road materials and clay and to use and employ the same and to manufacture such clay into bricks or tiles and to use such bricks or tiles but to sell any such material bricks or tiles.

To use water from streams etc. :-

6. Liberty and power for or in connection with any of the purposes mentioned in this part but subject to the right of any existing or future lessees and with the written permission of Deputy Commissioner/Collector to appropriate and use water from any streams water-courses, springs or other sources in or upon the said lands and to divert step 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 as so to deprive any cultivated lands, villages, buildings or watering places for livestock of a reasonable supply of water as before accustomed nor in any way to foul or pollute any stream or springs. Provided that the lessee/lessees shall not interface with the navigation in any navigable stream nor shall divert such stream without the previous written permission of the State Government.

To use land for stacking, heaping, depositing purposes :-

7. Liberty and power to enter upon and use a sufficient part of the surface of the said lands for the purpose of stacking, heaping, storing or depositing therein any produce of the mines or works carried on and any tools, equipment, earth and materials and substances dug or raised under the liberties and powers mentioned in this part.

Beneficiation and conveying away of production :-

8. (a) Liberty and power to enter upon and use a sufficient part of the said lands to beneficiate any ore produced from the said lands and to carry away such beneficiated ore.

To make coke (to be used in case of coal only):-

(b) Liberty and power upon the said lands to convert into coke any coal or just produced from the said lands and to carry away such

(सि. आर. दवे)
जोधपुर
(भारत सरकार का उपक्रम)
जोधपुर

खनि अडिभन्ना
ज्ञान एवं श्रु - विज्ञान विभाग
बीकानेर [राज०]

To clear brushwood and to fell and utilise trees, etc :-

9. Liberty and power for or in connection with any of the purposes mentioned in this part and subject to the existing rights of others and save as provided in clause-3 of Part-III of this Schedule to clear undergrowth and brushwood and to fell and utilise any trees or timber standing or found on the said lands provided that the State Government may ask the lessee/lessees to pay for any trees or timber felled and utilised, by him/them at the rates specified by the Deputy Commissioner/Collector or the State Government.

PART-III

Restrictions and Conditions as to the exercise of the Liberties, Powers and Privileges in Part-II.

No building etc. upon certain places :-

1. No building or thing shall be erected, set up or placed and no surface operations shall be carried on in or upon any public pleasure ground, burning or burial ground or place held sacred by any class of persons or any house or village site, public road or other place which the State Government may determine as public ground nor in such a manner as to injure or prejudicially effect any buildings works property or rights of other persons and no land will be used for surface operations which is already occupied by persons other than the State Government for works or purposes not included in this lease. The lessee/lessees shall not also interface with any right of way, well or tank.

Permission for surface operations in a land not already in use :-

2. Before using for surface operations any land which has not already been used for such operations, the lessee/lessees shall give to Deputy Commissioner / Collector of the District two calendar months previous notice in writing specifying the name or other description of 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 so used if objection is issued by the Deputy Commissioner/ Collector within two months after the receipt by him of such notice unless the objections so stated shall on reference to the State Government be annulled or waived.

To cut trees in unreserved lands :-

3. The lessee/lessees shall not without the express sanction of the Deputy Commissioner/Collector cut down or injure any timber or trees on the said lands but may without such sanctioned clear away any brushwood or undergrowth which interferes with any operations authorised by these presents. The Deputy Commissioner/ Collector or the State Government may require the lessee/ lessees to pay for any trees or timber felled and utilised by him/them at the rates specified by the Deputy Commissioner/Collector of the District.

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शान्ति दत्तानेज यहू
[Signature]

उप पंजीयक, कोलायत

खक्ति शांतिदत्त
शान एम डू- विज्ञान विभाग
कोलायत [राज०]

PART-IV

Liberties, Powers and Privileges reserved to the State Government

To work other minerals:-

1. Liberty and power for the State Government, or to any lessee or persons authorised by it in that behalf to enter into and upon the said lands and to search for, win, work, dig, get, raise, dress, process, convert and carry away minerals other than the said minerals and any other substances and for those purposes to sink, drive, make erect, construct, maintain and use such pits, shafts, inclines, drifts, levels and other lines, waterways, airways, water courses, drains, reservoirs, engines, machinery, plant, buildings, canals, tramways, railways, roadways and other works and conveniences as may be deemed necessary or convenient.

PROVIDED THAT in the exercise of such liberty and power no substantial hindrance or interference shall be caused to or with the liberties, powers and privileges of the lessee/lessees under these presents and that fair compensation (as may be mutually agreed upon or in the event of disagreement as may be decided by the State Government) shall be made to the lessee/lessees for all loss or damage sustained by the lessee/lessees by reason or in consequence of the exercise of such liberty and power.

To make railways and roads:-

2. Liberty and power for the State Government, or to any lessee or persons authorised by it in that behalf to enter into and upon the said lands and to make upon over or through the same any railways, tramways, roadways or pipelines for any purpose other than those mentioned in Part-II of these presents and to get from the said lands, stones, gravel, earth and other materials for making, maintaining and repairing such railways, tramways and roads or any existing railways and roads and to and repass at all times with or without horses, cattle or other animals, carts, wagons, carriages, locomotives or other vehicles over or along any such railways, tramways, road lines and other ways for all purposes and as occasion may require, provided that no interference shall be caused to or with the liberties, powers and privileges of the lessee/lessees under these presents and that fair compensation as may be mutually agreed upon or in the event of disagreement as may be decided by the State Government shall be made to the lessee/lessees for all loss or damages substantial hindrance or interference shall be caused to or with the exercise by such lessee or person of such liberty and power.

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कस्तीबाई सावरली वी.
(सावरली)

खनि अडिचिन्ता
भाग एवं सू. विज्ञान विभाग
बीकानेर [राज०]

शामिल दस्तावेज रहे

उप पंजीयक, बीकानेर

PART-V

Rents and royalties reserved by this lease

To pay deal rent or royalty whichever is higher :-

1. The lessee shall pay, for every year ~~except the first year of the lease~~, dead rent as specified in clause 2 of this Part:

Provided that, where the holder of such mining lease becomes liable under section 9 of the Act, to pay royalty for any mineral removed or consumed by him or by his agent, manager, employee, contractor or sub-lessee from the leased area, he shall be liable to pay either such royalty or the dead rent in respect of that are whichever is higher.

Rate and mode of payment of dead rent :-

RATE OF ROYALTY

GYPNUM (AS PER ADVALORUM BASIS) AND AS PER MM(D&R), ACT 1957 AND AMENED FROM TIME TO TIME

*(मि. आर. वन)
मुख्य प्रबंधक (खनन)
अरावली जिल्ला एन्ड
मिन्स डेवलपमेन्ट एन्ड
रेग्युलेशन्स विभाग
जोधपुर*

*खनि अभियन्ता
मान एवं नूतन विज्ञान विभाग
जोधपुर (राज.)*

Payment of surface rent, and water rate

4. The lessee/lessees shall pay rent and water rate to the State Government in respect of all parts of the surface of the said lands which shall from time to time be occupied or used by the lessee/lessees under the authority of these presents at the rate of Rs. _____ and Rs. _____ respectively per annum per hectare of the area so occupied or used and so in proportion for any area less than a hectare during the period from the commencement of such occupation or used until the area shall cease to be so occupied or used and shall as far as possible restore the surface land so used to its original condition. Surface rent and water rate shall be paid as hereinbefore detailed in clause 2 : PROVIDED THAT NO such rent /water rate shall be payable in respect of the occupation and use of the area comprised in any roads or ways to which the public have full right of access.

*(मि. आर. वन)
मुख्य प्रबंधक (खनन)
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मिन्स डेवलपमेन्ट एन्ड
रेग्युलेशन्स विभाग
जोधपुर*

*खनि अभियन्ता
मान एवं नूतन विज्ञान विभाग
जोधपुर (राज.)*

PART-VI

Provisions relating to the rents and royalties

Rent and royalties to be free from deduction etc. :-

1. The rent, water rate and royalties mentioned in Part-V of this Schedule shall be paid free from any deductions to the State Government at M.E. Bikam and such manner as the State Government may prescribe.

PROVIDED ALWAYS and it is hereby agreed that Rs. _____ the balance standing to the credit of the lessee/lessees on accounts of the deposit made by him/them as a licensee/licensees over an area which included the said lands shall be retained and accepted by the State Government in satisfaction of the rents and royalties mentioned in Part-V until they reach that amount.

Mode of computation of royalty:-

2. For the purposes of computing the said royalties the lessee/lessees shall keep a correct account of them mineral/minerals produced and despatched. The accounts as well as the weight of the mineral/minerals in stock or in the process of export may be checked by an officer authorised by the Central or State Government. Here specify the mode of arriving at sale price/prices at pits mouth of mineral/minerals.

*Course of action if rents and royalties are not paid in time:-**

3. Should any rent, royalty or other sums due to the State Government under the terms and conditions of these presents be not paid by the lessee/lessees within the prescribed time the same, together with simple interest due thereon at the rate of twenty-four per cent per annum may be recovered on a certificate of such officer as may be specified by the State Government by general or special order, in the same manner as an arrear of land revenue.

PART-VII

The Covenants of the Lessee/Lessees

Lessee to pay rents and royalties, taxes, etc.:-

1. The lessee/lessees shall pay the rent, water rate and royalties reserved by this lease at such times and in the manner provided in PARTS V and VI of these presents and shall also pay and discharge all taxes, rates, assessments and impositions whatsoever being in the nature of public demands which shall from time to time be charged, assessed or imposed by the authority of the Central and State Government upon or in respect of the premises and works of the lessee/lessees in common with other premises and works of a like nature except demands for land revenues.

मुख्य प्रबन्धक (अ.सि.)
एफसीआई कार्बोली जिल्हा कार्यालय, मुंबई
(भारत सरकारचा कार्यालय)
जिल्हा

शा.सि.स. कार्यालय
2007
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खा.सि.स. कार्यालय
शा.सि.स. कार्यालय
मुंबई

To maintain and keep boundary marks in good order:-

2. The lessee/lessees shall at his/their own expenses erect and at all times maintain and keep in repair boundary marks and pillars according to the demarcation to the shown in the plan annexed to this lease. Such marks and pillars shall be sufficiently clear of the shrubs and other obstructions as to allow easy identification.

To commence operations within two years and works in a workman-like manner:-

3. The lessee/lessees shall commence operation within two years from the date of execution of the lease and shall thereafter at all times during the continuance of his lease search for, win, work and develop, the said minerals without voluntary intermission in a skilful and workman-like manner and as prescribed under clause 12 hereinafter without doing or permitting to be done any unnecessary or avoidable damage to the surface of the said lands or the crops buildings structures or other property thereon. For the purposes of this clause operations shall include the erection of machinery, laying of a tramway or construction of a road in connection with the mine.

To indemnify Government against all claims:-

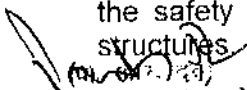
4. The lessee/lessees shall make and pay such reasonable satisfaction and compensation as may be assessed by lawful authority in accordance with the law force on the subject for all damage, injury or disturbance which may be done by him/them in exercise of the powers granted by this lease and shall indemnify and 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.

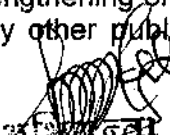
To secure and keep in good condition pits, shafts, etc.:-

5. The lessee/lessees shall during the subsistence of this lease well and sufficiently secure and keep open with timber or other durable means all pits, shafts and workings that may be made or used in the said lands and make and maintain sufficient fences to the satisfaction of the State Government round every such pit, shaft or working whether the same is abandoned or not and shall during the same period keep all working in the said lands except such as may be abandoned accessible free from water and foul air as far as possible.

To strengthen and support the mine to necessary extent:-

6. The lessee/lessees shall strengthen and support to the satisfaction of the Railway Administration concerned or the State Government, as the case may be any part of the mine which in its opinion requires such strengthening or support for the safety of any railway, reservoir, canal, road and any other public works or structures


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 राज्य सरकार (राज्य)
 एन. सी. आर्डी (राज्य) का उपसचिव
 जोधपुर


 खनिज अधिकारी
 खान एन. सी. - विज्ञान विभाग
 जोधपुर [राज.]

To allow inspection of workings:-

7. The lessee/lessees shall allow any officer authorised by the Central Government or the State Government in that behalf to enter upon the premises including any building, excavation or land comprised in the lease for the purpose of inspecting, examining, surveying, prospecting and making plans thereof sampling and collecting any data and the lessee/lessees shall with proper person employed by the lessee/lessees and acquainted with the mine and work effectually assist such officer, agents, servants and workman in conducting every such inspection and shall afford them all facilities, information connected with the working of the mines which they may reasonably require and also shall and will conform to and observe all orders and regulations which the Central and State Government as the result of such inspection or otherwise may, from time to time, see fit to impose.

To report accident:-

8. The lessee/lessees shall without delay send to the Deputy Commissioner/Collector a report of any accident causing death or serious bodily injury or serious injury to property or seriously affecting or endangering life or property which may occur in the course of the operations under this lease.

To report discovery of other minerals:-

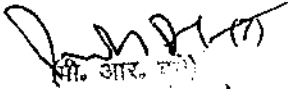
9. The lessee/lessees shall report to the State Government the discovery in the lease area of any mineral not specified in the lease within sixty days of such discovery along with full particulars of the nature and position of each such find. If any mineral not specified in the lease is discovered in the lease area, the lessee/lessees shall not win and dispose of such mineral unless such mineral is included in the lease or a separate lease is obtained therefore.

To keep records and accounts regarding production and employees etc.:-

10. The lessee/lessees shall at all time during the said term keep or cause to be kept at an office to be situated upon or near the said correct and intelligible books of accounts which shall contain accurate entries showing from time to time.

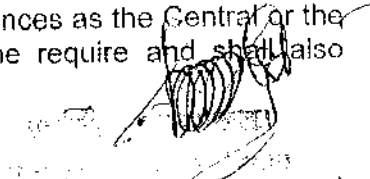
- (1) Quantity and quality of the said mineral/minerals realised from the said lands.
- (2) Quantity of the various qualities of ores beneficiated or converted (for example coal converted into coke).
- (3) Quantities of the various qualities of the said mineral/minerals sold and exported separately.
- (4) Quantities of the various qualities of the said mineral/minerals otherwise disposed of and the manner and purpose of such disposal.
- (5) The prices and all other particulars of all sales of said mineral/minerals.
- (6) The number of persons employed in the mines or works or upon the said lands specifying nationality, qualifications and pay of the technical personnel.

Such other facts, particulars and circumstances as the Central or the State Government may from time to time require and shall also



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furnish free of charge to such officers and at such times as the Central and State Government may appoint true and correct abstract of all or any such books of accounts and such information and returns to all or any of the matters aforesaid as the State Government may prescribe and shall at all reasonable times allow such officers as the Central Government or State Government shall in that behalf appoint to enter into and have free access to the said officers for the purpose of examining and inspecting the said books of accounts, plans and records and to make copies thereof and make extracts therefrom.

To maintain plans, etc.:-

11. The lessee/lessees shall at all times during the said term maintain at the mine office correct intelligible up-to-date and complete plans and sections of the mines in the said lands. They shall show all the operations and workings and all the trenches, pits and drilling made by him/them in the course of operations carried on by him/them under the lease, faults and other disturbances encountered and geological data and all such plans and sections shall be amended and filled up by and from actual surveys to be made for that purpose at the end of twelve months or any period specified from time to time and the lessee/lessees shall furnish free of charge to the Central and State Governments true and correct copies of such plans and sections whenever required. Accurate records of all trenches, pits and drillings shall show:-

- (a) The subsoil and strata through which they pass.
- (b) Any mineral encountered.
- (c) Any other matter of interest and all data required by the Central and State Governments, from time to time.

The lessee/lessees shall allow any officer of the Central or the State Government, authorised in this behalf by the Central Government, to inspect the same at all reasonable times. He/they shall also supply when asked for by the State Government/the Coal Controller the Director-General, Geological Survey of India the Controller General, Indian Bureau of Mines a composite plan of the area showing thickness, dip, inclination, etc. of all the seams as also the quantity of reserves quality-wise.

11A. The lessee shall pay a wage not less than the minimum wage prescribed by the Central or State Government from time to time.

11B. The lessee shall comply with provisions of the Mines Act, 1952 and the rules made thereunder.

11C. The lessee shall take measures for the protection of environment like planting of trees, reclamation of land, use of pollution control devices; and such other measures as may be prescribed by the Central or State Government, from time to time, at his own expense.

11D. The lessee shall pay compensation to the occupier of the land on the date of acquisition in the manner laid down in these rules.

11E. The lessee shall, in the matter of employment, give preference to the tribals and to the persons who become displaced-because of the taking up of mining operations.

Act 67 of 1957 :-

12. The lessee/lessees shall be bound by such rules as may be issued from time to time by the Government of India under section 18 of the Mines and Minerals (Development and Regulation) Act 1957 (Act 67 of 1957) and shall not carry on mining or other operations under the said lease in any way other than as prescribed under these rules.

To provide weighing machine :-

13. Unless specifically exempted by the State Government the lessee/lessees shall provide and at all times keep at or near the pit head or each of the pit heads 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 converted and also the converted products and shall at the close of each day cause the total weights, ascertained by such means of the said minerals, ores products raised, sold, exported and converted during the previous twenty-four hours to be entered in the aforesaid books of accounts. The lessee/lessees shall permit the State 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 account thereof and to check the accounts kept by the lessee/lessees. The lessee/lessees shall give _____ days previous notice in writing to the Deputy Commissioner/Collector of every such measuring or weighing in order that he or some officer on his behalf may be present thereat.

To allow test of weighing machine :-

14. The lessee/lessees shall allow any person or persons appointed in that behalf by the State Government at any time or times during the said term to examine and test every weighing machine to be provided and kept as aforesaid and the weights used therewith 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 weights shall be found incorrect or out of repair or order the State Government may require that the same be adjusted, repaired and put in order by and at the expense of the lessee/lessees and if such requisition be not complied with within fourteen days after the same shall have been made, the State Government may cause such weighing machine or weights to be adjusted, repaired, and put in order and the expense of so doing shall be paid by the lessee/lessees to the State Government on demand and if upon any such examination or testing as aforesaid any error shall be discovered in any weighing machine or weights to the prejudice of the State Government such error shall be regarded as having existed for three calendar months, previous to the discovery thereof or from the last occasion of so examining and testing the same weighing machine and weights in case such occasion be within such period of three months and the said rent and royalty shall be paid and accounted for accordingly

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मुख्य प्रबंधक

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(भारत सरकार)

दिल्ली

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उप पंजीयक, कोलायत

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मुख्य प्रबंधक
विभाग
(भारत सरकार)

To pay compensation for injury of third parties:-

15. The lessee/lessees shall make and pay reasonable satisfaction and compensation for all damage, injury or disturbance or person or property which may be done by or on the part of lessee/lessees in exercise of the liberties and power granted by these presents and shall at all times save harmless and keep indemnified the State Government from and against all suits, claims and demands which may be brought or made by any person or persons in respect of any such damage, injury or disturbance.

Not to obstruct working of other minerals:-

16. The lessee/lessees will exercise the liberties and powers hereby granted in such a manner as to offer no unnecessary or reasonably avoidable obstruction or interruption to the development and working within the said lands of any minerals not included in this lease and shall at all times afford to the Central and State Government and to the holders of prospecting licences or mining lease in respect of any such minerals or any minerals within any land adjacent to the said lands as the case may be reasonable means of access and safe and convenient passage upon and across the said lands to such minerals for the purpose of getting working, developing and carrying away the same provided that the lessee/lessees shall receive reasonable compensation for any damage or injury which he/they may sustain by reason or in consequence of the use of such passage by such lessees or holders of prospecting licences.

Transfer of lease:-

17(1) The lessee/lessees shall not, without the previous consent in writing of the State Government, Omitted.

- (a) assign, sublet, mortgage, or in any other manner, transfer the mining lease, or any right, title or interest therein, or
- (b) enter into or make any arrangement, contract or understanding whereby the lessee/lessees will or may be directly or indirectly financed to a substantial extent by, or under which the lessee's operations or undertakings will or may be substantially controlled by, any person or body of persons other than the lessee/lessees:

Provided that the State Government shall not give its written consent unless

- (a) the lessee has furnished an affidavit along with his application for transfer of the mining lease specifying therein the amount that he has already taken or proposes to take as consideration from the transferee;
- (b) the transferee of the mining lease is to be made to a person or body directly undertaking mining operations.

(2) Without prejudice to the above provisions the lessee/lessees may, subject to the conditions specified in the proviso to Rule 35 of said Rules, transfer this lease or any right, title or interest therein, to a person who has filed an affidavit stating that he has filed up-to-date income tax returns, paid income tax assessed

(सी. आर. देवा)
मुख्य प्रबन्धक (विद्युत)
एफ.बी.आर. अरावली जिपम एण्ड मिनरल्स इण्डिया लि.
(भारत सरकार का संपत्ति)
छोधपुर

राज्य सरकार
छोधपुर

unappropriated part thereof to bring the amount in deposit with the State Government up to the sum of Rs. 4,000/500. (Rs. 1,00,000/-)

Delivery of workings in good order to State Governments after determination of lease:

20. The lessee/lessees shall at the expiration or sooner determination of the said term or any renewal thereof deliver up to the State Government all mines, pits, shafts, inclines, drifts, under the said lands except such as have been abandoned with the sanction of the State Government and in any ordinary and fair course of working all engines, machinery, plant, building, structures, other works and conveniences which at the commencement of the said term were upon or under the said lands and all such machinery set up by the lessee/lessees below ground which cannot be removed without causing injury to the mines or work under the said lands (except such of the same as may with the sanction of the State Government have become disused) and all buildings and structures of bricks or stone erected by the lessee/lessees above ground level in good repair order and condition and fit in all respects for further working of the said mines and the said minerals.

Right of pre-emption :-

21(a) The State Government shall from time to time and all times during the said term have the right (to be exercised by notice in writing to the lessee/lessees) of pre-emption of the said minerals (and all products thereof) lying in or upon the said lands hereby demised or elsewhere under the control of the lessee/lessees and the lessee/lessees shall with all possible expedition deliver all minerals or products or minerals purchased by the State Government under the power conferred by this provision in the quantities at the times in manner and at the place specified in the notice exercising the said right.

(b) Should be right of pre-emption conferred by this present provision be exercised and a vessel chartered to carry the mineral or products thereof procured on behalf of the State Government or the Central Government be detained on demurrage at the port of loading the lessee/lessees shall pay the amount due for demurrage according to the terms of the charter party of such vessel unless the State Government shall be satisfied that the delay, is due to causes beyond the control of the lessee/lessees.

(c) The price to be paid for all minerals or products of minerals taken in pre-emption by the State Government in exercise of the right hereby conferred shall be the fair market price prevailing at the time of pre-emption PROVIDED THAT in order to assist in arriving at the said fair market price the lessee/lessees shall if so required furnish to the State Government for the confidential information of the Government, particularly of the quantities, descriptions and prices of the said minerals or products thereof sold to other customers and of charters entered into for freight for carriage of the same and shall produce to such officer or officers as may be directed by the State Government original or authenticated copies of contracts and charter parties entered into for the sale or freightage of such minerals or products.

मुख्य प्रबंधक (खनन)
एन.टी.आई. कारखाना विन्ध्य एण्ड मिनेरल इन्डिया लि.
(आपत सरकार का अधीन)
जोधपुर

खनि अतिरिक्त
आर एम ए - विज्ञान विभाग
बीकानेर [राज०]

(d) In the event of the existence of a state of war or emergency (of which existence and President of India shall be the sole judge and a notification to this effect in the Gazette of India shall be conclusive proof), the State Government with the consent of the Central Government shall from time to time and all times during the said term have the right (to be exercised by a notice in writing to the lessee/lessees forthwith take possession and control of the works plant machinery and premises of the lessee/lessees on or in connection with the said lands or operations under this lease and during such possession or control the lessee/lessees shall conform to and obey all directions given by or on behalf of the Central Government or State Government regarding the use or employment of such works, plants, premises and minerals: PROVIDED THAT fair compensation which shall be determined in default of agreement by the State Government shall be paid to the lessee/lessees for all loss or damage sustained by him/them by reason or in consequence of the exercise of the powers conferred by this clause and PROVIDED ALSO that the exercise of such powers shall not determine the 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.

Employment of foreign national:-

22. The lessee/lessees shall not employ, in connection with the mining operations any person who is not an Indian national except with the previous approval of the Central Government.

Recovery of expenses incurred by the State Government:-

23. If any of the works or matters which in accordance with the covenants in that behalf hereinabove contained are to be carried or performed by the lessee/lessees be not so carried out or performed within the time specified in that behalf, the State Government may cause the same to be carried out or performed and the lessee/lessees shall pay the State Government on demand all expenses which shall be incurred in such carrying out or performance of the same and the decision of the State Government as to such expenses shall be final.

Furnishing of geophysical data:-

24. The lessee/lessees shall furnish:

- (a) all geophysical data relating to mining fields, or engineering and ground water surveys, such as anomaly maps, sections, plans, structures, contour maps, logging, collected by him/ them during the course of mining operations to the Director-General, Geological Survey of India, Calcutta,
- (b) all information pertaining to investigations of radioactive mineral collected by him/them during course of mining operations to the Secretary, Department of Atomic Energy, New-Delhi.

Data or information referred to above shall be furnished every year reckoned from the date of commencement of the period of the mining lease.

शामिल दस्तावेज रहे

इप पंजीयक, कोलामल

खांसे शांसे
सांसे शांसे
सांसे शांसे

PART-VIII**The Covenants of the State Government**

Lessee/lessees may hold and enjoy rights quietly:

1. The lessee/lessees paying the rents, water rate and royalties hereby reserved and observing and performing all the covenants and agreements herein contained and on the part of the lessee/lessees to be observed and performed shall and may quietly hold and enjoy the rights and premises hereby demised for and during the term hereby granted without any unlawful interruption from or by the State Government, or any person rightfully claiming under it.

Acquisition of land of third parties and compensation thereof:-

2. If in accordance with the provision of clause 4 of Part-VII of this Schedule the lessee/lessees shall offer to pay to an occupier of the surface of any part of the said lands compensation for any damage or injury which may arise from the proposed operations of the lessee/lessees and the said occupier shall refuse his consent to the exercise of the right and powers reserved to the State Government and demised to the lessee/lessees by these presents and the lessee/lessees shall report the matter to the State Government and shall deposit with it the amount offered as compensation and if the Central/State Government is satisfied that the amount of compensation offered is fair and reasonable or if it is not so satisfied and the lessee/lessees shall have deposited with it such further amount as the State and Central Government shall consider fair and reasonable the State Government shall order the occupier to allow the lessee/lessees to enter the land and to carry out such operations as may be necessary for the purpose of this lease. In assessing the amount of such compensation the State Government shall be guided by the principles of the Land Acquisition Act.

To renew:-

3. The mining lease is renewable in terms of the provisions of the Act and the rules made thereunder.

Provided that the State Government may for reasons to be recorded in writing reduce the area applied for.

If the lease is in respect of minerals specified in the First Schedule to the Act, renewal will be subject to the prior approval of the Central Government.

If the lessee/lessees be desirous of taking a renewed lease of the premises hereby demised or of any parts of them for a further term from the expiration of the term hereby granted and is otherwise eligible, they shall prior to expiration of the last mentioned term give to the State Government twelve calendar months previous notice in writing and shall pay the rent, rates and royalties hereby reserved and shall observe and perform the several covenants and agreements herein contained and on the part of the lessee/lessees to be observed and performed up to the expiration of the term hereby granted. The State Government on receipt of application for renewal, shall consider it in accordance with the

मुख्य प्रबन्धक (खनिज)
खनिज विभाग, राजस्थान सरकार
जयपुर

खनिज विभाग
राजस्थान सरकार
जयपुर [राज०]

PART-IX

General Provisions

Obstructions to inspection:-

1. In case the lessee/lessees or his/their transferee/assignee does/do not allow entry or inspection by the officers authorised by the Central or State Government under clauses (i), (j) or (1) of sub-rule (1) of rule 27 of said Rules, the State Government shall give notice in writing to the lessee/lessees requiring him/them to show cause within such time as may be specified in the notice why the lease should not be determined and his/their security deposit forfeited; and if the lessee/lessees fails/fail to show cause within the aforesaid time to the satisfaction of the State Government, the State Government determine the lease and forfeit the whole or part of the security deposit.

Penalty in case of default in payment of royalty and breach of covenants:-

2. If the lessee/lessees or his/their transferee or assignee makes/make any default in payment of rent or water rate or royalty as required by section 9 of the Act or commits a breach of any of the conditions and covenants other than those referred to in covenants 1 above, the State Government shall give notice to the lessee/lessees requiring him/them to pay the rent, water rate, royalty or remedy the breach, as the case may be, within sixty days from the date of receipt of the notice and if the rent, water rate and royalty are not paid or the breach is not remedied within such period, the State Government without prejudice to any proceedings that may be taken against him/them, determine the lease and forfeit the whole or part of the security deposit.

Penalty for repeated breaches of covenants:-

3. In cases of repeated breaches of covenants and agreements by the lessee/lessees for which notice has been given by the State Government in accordance with clauses (1) and (2) aforementioned on earlier occasion, the State Government without giving any further notice, may impose such penalty not exceeding twice the amount of annual dead rent specified in clause 2, Part-V.

Failure to fulfil the terms of lease due to "Force Majeure":-

4. Failure on the part of the lessee/lessees to fulfil any of the terms and conditions of this lease shall not give the Central or State Government any claim against the lessee/lessees or be deemed a breach of this lease, in so far as such failure is considered by the said Government to arise from force majeure, and if through force majeure the fulfilment by the lessee/lessees of any of the terms and conditions of this lease be delayed, the period of such delay shall be added to the period fixed by this lease. In this clause the expression "Force Majeure" means act of God, war, insurrection, riot, civil commotion, strike, earth quake, tide, storm, tidal wave, flood, lightning, explosion, fire, earthquake and any other happening which the lessee/lessees could not reasonably prevent or control.

मुख्य पब्लिक (खनन)
एन सी आई असावनी जिल्हा एण्ड मिनरल्स डिव्हिजन लि.
(भारत सरकार का उपकरण)
जोधपुर

मुख्य पब्लिक (खनन)
एन सी आई असावनी जिल्हा एण्ड मिनरल्स डिव्हिजन लि.
(भारत सरकार का उपकरण)
जोधपुर (राज.)

Lessee/lessees to remove his/their properties on the expiry of lease:-

5. The lessee/lessees having first paid discharged rents, rates and royalties payable by virtue of these presents may at the expiration or sooner determination of the said term or within six calendar months thereafter (unless the lease shall be determined under clauses 1 and 2 of this Part and in that case at any time not less than three calendar months nor more than six calendar months after such determination) take down and remove for his/their own benefits all or any [ore mineral excavated during the currency of lease] engines, machinery, plant, buildings structures, tramways, railways and other works, erections and conveniences which may have been erected, set up or placed by the lessee/lessees in or upon the said lands and which the lessee/lessees is/are not bound to deliver to the State Government under clause 20 of Part-VII of this Schedule and which the State Government shall not desire to purchase.

Forfeiture of property left more than six months after determination of lease:-

6. If at the end of six calendar months after the expiration or sooner determination of the said term under the provision contained in clause 4 of Part-VIII of this Schedule become effective there shall remain in or upon the said land any ²[ore or mineral] engines, machinery, plant, buildings structures, tramways, railways and other work, erections and conveniences or other property which are not required by the lessee/lessees in connection with operations in any other lands hold by him/them under prospecting licence or mining lease the same shall if not removed by the lessee/lessees within one calendar month after notice in writing requiring their removal has been given to lessee/lessees by the State Government be deemed to become the property of the State Government and may be sold or disposed of in such manner as the State Government shall deem fit without liability to pay any compensation or to account to the lessee/lessees in respect thereof.

Notices :-

7. Every notice by these presents required to be given to the lessee/lessees shall be given in writing to such person resident on the said lands as the lessee/lessees may appoint for the purpose of receiving such notices and if there shall have been no such appointment then every such notice shall be sent to the lessee/lessees by registered post addressed to the lessee/lessees at the address recorded in this lease or at such other address in India as the lessee/lessees may from time to time in writing to the State Government designate for the receipt of notices and every such service shall be deemed to be proper and valid service upon the lessee/lessees and shall not be questioned or challenged by him/them.

Immunity of State Government from liability to pay compensation:-

8. If in any event the orders of the State Government are revised, reviewed or cancelled by the Central Government in pursuance of proceedings under Chapter-VII of the Mineral Concession Rules, 1960, the lessee/lessees shall not be entitled to compensation for any loss sustained by the lessee/lessees in exercise of the power and privileges conferred upon him/them by these presents.

शामिल दस्तावेज रहे

उप पंजीयक, कोलायत

स्थिति अभिलेखित

प्राप्त एवं पुनः विचार विभाग
कोलायत [राज.]

8A. The lease is executed at BIKANER the capital town of the State RAJASTHAN (name of the State) and subject to the provision of Article 226 of the Constitution of India, it is hereby agreed upon by the lessee and the lessor that in the event of any dispute in relation to the area and lease, condition of lease, the dues relation under the lease and in respect of all matters touching the relationship of the lessee and the lessor, the suits (or appeals) shall be filed in the civil courts at BIKANER (name of the city) and it is hereby expressly agreed that neither party shall be competent to file a suit or bring any action or file any place other than the courts named above.)

9. For the purpose of stamp duty the anticipated royalty from the demised land is Rs. 16,500/- per year. (Including Application fee, Security and other preliminary expenses.)

IN WITNESS WHEREOF these presents have been executed in the manner hereunder appearing the day and year first above written.

Signed by

for and on behalf of the गवर्नर/प्रेसिडेंट of India In the presence of

Signed by [Signature]
मुख्य प्रबंधक (जनक)
(on Behalf of) राजकीय विद्यालय एवं विद्यालय प्रबंधक वि.
(भारत सरकार का उपकरण)
बिकानेर

Attested

[Signature]
खति: अधीक्षक
बान एंड-विज्ञान विभाग
बिकानेर [राज०]

Witnesses:-

- शंकर राम
Shanker Ram Mayhwal AME
FARMIL, BIKANER
- [Signature]
(Anind Kumar Jain AME FARMIL)
25/20 Sadulganj, Bikaner

राजस्थान सरकार
खान (मुप-1) विभाग

क्रमांक : प.15(30)खान/मुप-1/2002

जयपुर, दिनांक: - 3 FEB 2007

संशोधन आदेश

सर्वश्री एफ.सी.आई. अरावली जिप्सम एण्ड भिनरल्स इण्डिया लि० जोधपुर द्वारा खनिज रियायत नियमावली, 1960 के नियम 22(1) के अन्तर्गत खनिज जिप्सम निकट ग्राम रणधीसर तहसील कोलायत जिला बीकानेर में खनन पट्टा अनुदान हेतु प्रस्तुत आवेदन पत्र दिनांक 8.3.2002 इस विभाग के समसंख्यक आदेश दिनांक 19.1.2007 से अनुदान / स्वीकृत किया गया ।

उक्त खनन पट्टा स्वीकृति आदेश दिनांक 19.1.2007 के चौथे पैरा की अंतिम पंक्ति में "पूर्वक्षण अनुज्ञापत्र" के स्थान पर "खनन पट्टा" एतद्वारा प्रतिस्थापित किया जाता है ।

आज्ञा से,

उप शासन सचिव

प्रतिलिपि निम्न को रूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है :-

1. शासन सचिव, भारत सरकार, खान मंत्रालय, नई दिल्ली
2. निदेशक, खान एवं भू-विज्ञान विभाग, राजस्थान, जयपुर
3. महालेखाकार, राजस्थान, जयपुर
4. जिला कलेक्टर, बीकानेर
5. अधीक्षण खनि अभियंता, बीकानेर
6. खनि अभियंता, बीकानेर
7. महानियंत्रक, भारतीय खान ब्यूरो, इन्दिरा भवन, सिविल लाइन्स, नयापुर
8. सर्वश्री एफ.सी.आई. अरावली जिप्सम एण्ड भिनरल्स इण्डिया लि०, भांगू सिंहे राजकी मार्ग, पावटा-बी रोड, जोधपुर ।
9. रक्षित पत्रावली ।

सहायक शासन सचिव

खनि अभियंता
खान एवं भू-विज्ञान विभाग
बीकानेर [राज०]

(पी. आर. वये)

मुख्य प्रबन्धक (खान)

राजस्थान सरकार का उपशासन

(भारत सरकार का उपशासन)

जोधपुर

Asea Manager,

FAGMIL, Bikaner.

शागिल पत्रावली रहे

उप पंजीयक, कोलायत

366
08/02/07 68/2011

राजस्थान सरकार
खान (ग्रुप-1) विभाग

क्रमांक : प.15(30)खान/ग्रुप-1/2002

जयपुर, दिनांक: 19 JAN 2007

आदेश

चूंकि सर्वश्री एफ.सी.आई. अरावली जिप्सम एण्ड गिनरत्स इण्डिया लि0 जोधपुर ने खनिज रियायत नियमावली, 1960 के नियम 22(1) के अन्तर्गत खनिज जिप्सम निकट ग्राम रणधीसर तहसील कोलायत जिला बीकानेर में खनन पट्टा अनुदान हेतु आवेदन पत्र दिनांक 8.3.2002 को प्रस्तुत किया ।

और चूंकि राज्य सरकार संतुष्ट है कि आवेदक राज्य में प्रवर्तमान सम्बन्ध नियमों के तहत उक्त रियायत के अनुदान के लिए उपयुक्त पक्ष/पार्टी है ।

और चूंकि उक्त क्षेत्र जिसके लिए आवेदक द्वारा रियायत चाही गई है, अनुदान के लिए मुक्त है ।

अतः राज्य सरकार खनिज रियायत नियमावली, 1960, जो कि समय-समय पर संशोधित हुए हैं, में उल्लेखित निबंधों और प्रतिबंधों के अतिरिक्त निम्नलिखित निबंधों पर पूरेक्षण अनुज्ञापत्र का अनुदान करती है :-

1. खनिज जिप्सम
2. क्षेत्र 200.00 हेक्टर निकट ग्राम रणधीसर तहसील कोलायत जिला बीकानेर में विवरण पत्र के अनुसार क्षेत्र की उपलब्धता भूमि पर वास्तविक सीमांकन पर निर्धारित होगी ।
3. अवधि संविदा पंजीयन की तिथि से 20 वर्ष तक
4. स्थिरभाटक खान एवं खनिज (विकास एवं विनियमन) एक्ट, 1957 की तृतीय अनुसूची के अनुसार एवं समय-समय पर संशोधन हो उसके अनुसार
5. प्रतिभूति राशि रुपये दस हजार मात्र
6. अधिशुल्क खान एवं खनिज (विकास एवं विनियमन) एक्ट, 1957 की द्वितीय अनुसूची के अनुसार एवं समय-समय पर संशोधन हो उसके अनुसार
7. भूतल भाटक जैसाकि राजस्व अधिकारी निर्धारित करें
8. अन्य कर राज्य में प्रचलित नियमों के अनुसार व समय-समय पर संशोधन होंगे उसके अनुसार
9. अन्य शर्त
 1. प्रधान खनिज रियायत नियम, 1960 एवं खान एवं खनिज (विकास एवं विनियमन) अधिनियम, 1957 एवं समय-समय पर संशोधन हो उसके अनुसार
 2. एम.एम.डी.आर., 1988 के नियम 23 (एफ) के अन्तर्गत संविदा निष्पादन के पूर्व वित्तीय आश्वासन निगम प्रस्तुत करेगा ।

(पी. आर. दवे)

मुख्य प्रबन्धक (खान)

एफ.सी.आई. अरावली जिप्सम एण्ड गिनरत्स इण्डिया लि.

(भारत सरकार का उपकरण)

जोधपुर

खनिज अधिकारी

खान एवं खनिज विभाग

बीकानेर [राज.]

सामिलता रक्षाकारी सूत्र

उप पंजीयक, कोलायत

नोट : यदि अनुदानी इस आदेश की तिथि से छः माह के भीतर समुचित इकरारनामा निष्पादित नहीं करेगा तो यह आदेश बिना सूचना के ही प्रतिराहृत (रिकॉक) कर दिया जायेगा ।

जब तक अनुदानी समुचित इकरारनामा निष्पादित नहीं करावे तब तक क्षेत्र में कार्य आरंभ करेगा । सिवाय उस समय के जबकि वह सरकार द्वारा इस संबंध में जारी किये गये किसी विशेष आदेश से ऐसा करने के लिए अनुमत नहीं कर दिया गया हो ।

आज्ञा से
उप शासन सचिव

प्रतिलिपि निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है :-

1. शासन सचिव, भारत सरकार, खान मंत्रालय, नई दिल्ली
2. निदेशक, खान एवं भू-विज्ञान विभाग, राजस्थान, उदयपुर को उनके पत्रांक 81 दिनांक 19.1.2006 एवं क्रमांक 2278 दिनांक 17.11.2006 के क्रम में इस निर्देश के साथ कि :-
(क) इस क्षेत्र की सीमा निर्धारण संविदा निष्पादन की दिनांक की सूचना यथाशीघ्र इस विभाग को भिजवावे, जिसमें आदेश की दिनांक के 6 माह से अधिक का समय नहीं लगना चाहिए ।
3. महालेखाकार, राजस्थान, जयपुर
4. जिला कलेक्टर, बीकानेर
5. अधीक्षण खनि अभियंता, बीकानेर
6. खनि अभियंता, बीकानेर
7. महानियंत्रक, भारतीय खान ब्यूरो, इन्दिरा भवन, सिविल लाइन्स, नागपुर
8. सर्वश्री एफ.सी.आई. अरावली जिप्सम एण्ड मिनरल्स इण्डिया लि०, मांगू सिंह राजकी मार्ग, पावटा-बी रोड, जोधपुर ।
9. रक्षित पत्रावली ।

सहायक शासन सचिव

365
08/02/07

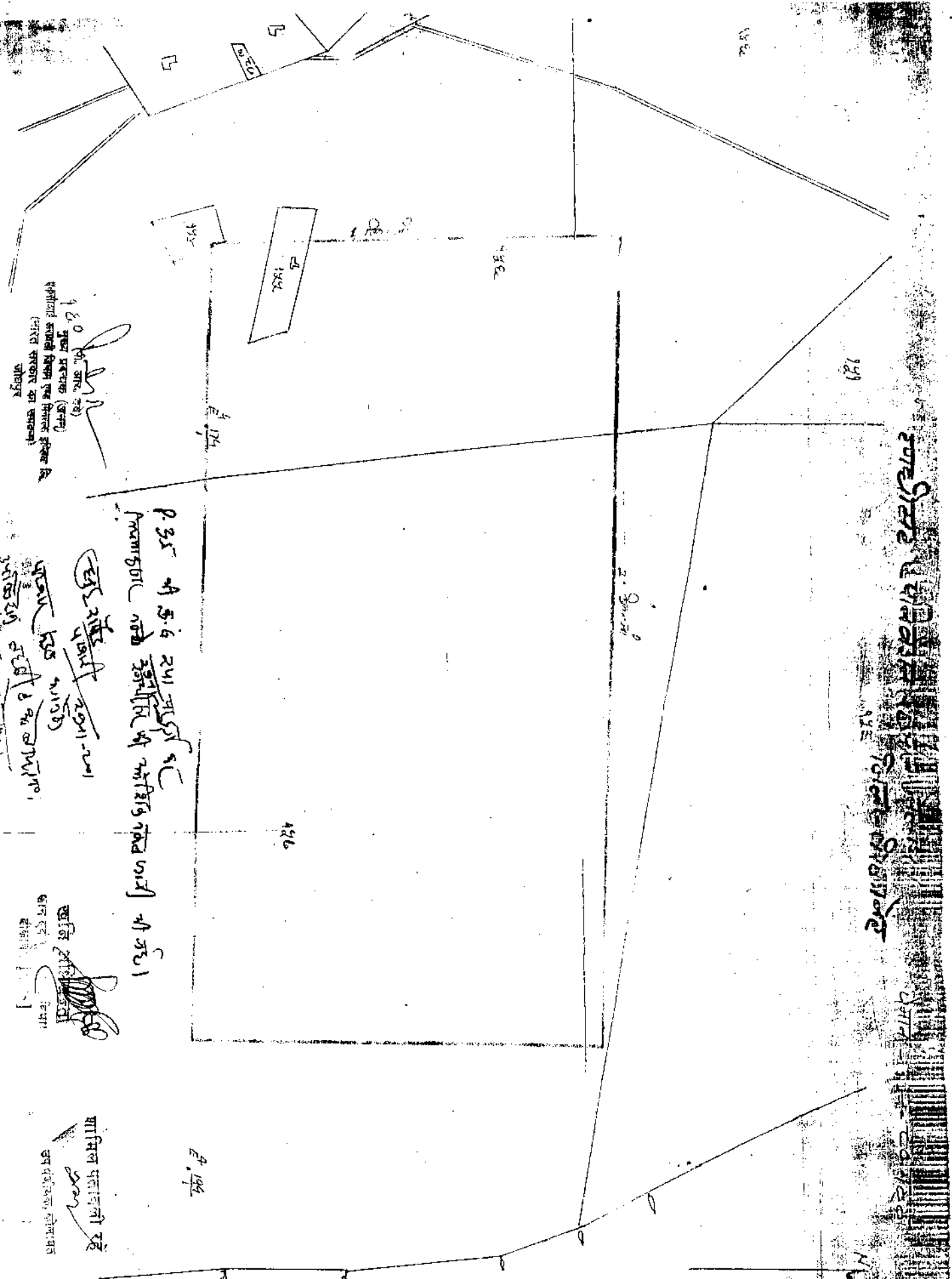
68/खान

(क. आर. दवे)
मुख्य प्रतन्धक (खान)
एफ.सी.आई. अरावली जिप्सम एण्ड मिनरल्स इण्डिया लि.
(भारत सरकार का उपक्रम)
जोधपुर

शामिल पत्रावली रहे

उप सचिव, कोलायत

राजेश्वर वृद्धाश्रम, अहमदाबाद



१३० फी. मी. (३० मी. x ४३ मी.)
 मूल परिसर (३० मी. x ४३ मी.)
 मूल परिसर का विवरण
 मूल परिसर का विवरण
 मूल परिसर का विवरण

१३५ मी. x २५ मी. का क्षेत्र
 मूल परिसर का विवरण
 मूल परिसर का विवरण
 मूल परिसर का विवरण

मूल परिसर का विवरण
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मूल परिसर का विवरण
 मूल परिसर का विवरण
 मूल परिसर का विवरण

- १३५/१२
- (३) १३५/१३
- १३५/१४
- १३५/१५
- १३५/१६



RAJASTHAN

310063

जोधपुर (राजस्थान)

कोलायत (राजस्थान)



G. K. CHANDRA
ADVOCATES



J. G.

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS that I, SUNIL DAYAL, Chairman & Managing Director, (CMD) of FCI Aravali Gypsum & Minerals India Ltd., Jodhpur states as under :-

WHEREAS :-

1. FCI Aravali Gypsum & Minerals India Ltd., (hereinafter called FAGMIL) having its Registered Office at Mangu Singh Rajvi Marg (Paota 'B' Road), Jodhpur (Rajasthan), which is a Public Sector Undertaking under the administrative control of Ministry of Chemicals & Fertilizers, Department of Fertilizers is engaged in various businesses including mining business.

सामिल पत्रावली रहें
उप पंजीयक कोलायत

श्री. वरि. वरि.
मुख्य प्रबंधक (जननी)
राजस्थान राज्य सरकार, जोधपुर
कोलायत

खनि अभियंता
बान एवं भू- विज्ञान विभाग
दोकातर [राज०]

[Handwritten signature]

504 742 21/4/07
श्री/शुभ/शुभ/शुभ
श्री/शुभ/शुभ/शुभ
श्री/शुभ/शुभ/शुभ
श्री/शुभ/शुभ/शुभ
श्री/शुभ/शुभ/शुभ

श्री/शुभ/शुभ/शुभ
श्री/शुभ/शुभ/शुभ
श्री/शुभ/शुभ/शुभ

Manish



2. The FAGMIL a mining Organisation at Jodhpur is having Mr. P.R. Dave, as Chief Manager (Mining) in the said Organization.
3. In order to facilitate the business carried on at the said FCI Aravali Gypsum & Minerals India Ltd., (hereinafter called as FAGMIL), I SUNIL DAYAL, CMD of the FAGMIL, being duly authorised to delegate powers by executing a Power of Attorney on behalf of FAGMIL, do hereby propose to appoint Shri P.R. Dave, Chief Manager (Mining), FAGMIL as a constituted attorney of the FAGMIL with following specific power and authority.

NOW KNOW YOU ALL AND THESE PRESENTS WITNESS that I, SUNIL DAYAL, CMD of the FAGMIL, do hereby appoint and constitute the said Shri P.R. Dave, Chief Manager (Mining) FAGMIL as true and lawful attorney of the FAGMIL with full powers and authorities to do and execute all acts, deeds and things as mentioned hereinafter on behalf of the FAGMIL till Shri Dave is employee of FAGMIL:-

1. To open and work mineral works and mines within the lease hold arrears bearing land having worked as un-worked mines within the areas and to search for and develop new mines therein.
2. To take all necessary steps for working of minerals field, raise minerals out of the mines and manage its affairs.
3. To collect proceeds of all minerals sold to different parties and issue receipts.
4. To apply for and enter into agreements with the Government or Mining Department in connection with

तामिल गद्दावली रहे
सुनील

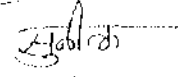
सुनील प्रबंधक, कोलायत

खनि मंत्रालय
बान एवं भू- विज्ञान विभाग
बीकानेर [राज०]

सुनील

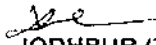
(पी. आर. दवे)
मुख्य प्रबंधक (खनन)
सीआई अरावली जिप्सम एण्ड मिनेरल्स इण्डिया लि.
(भारत सरकार का उपक्रम)
जोधपुर

आज दिनांक 21 माह April सन् 2007 को 11:56 बजे
श्री/श्रीमती/सुश्री SUNIL DAYAL पुत्र/पुत्री/पत्नी श्री LATE RAMESHWAR DAYAL
उम्र 56 वर्ष जाति KAYASTH व्यवसाय SERVICE
निवासी PAOTA B ROAD JODHPUR
ने मेरे सामुख दस्तावेज पंजीयन हेतु प्रस्तुत किया।


हस्ताक्षर प्रस्तुतकर्ता (2007003163) हस्ताक्षर उप पंजीयक, JODHPUR (THIRD) उप पंजीयक (तृतीय) जोधपुर
(Power of Att.Gen.(oth. then blood))

रसीद नं० 2007003232 दिनांक 21/04/2007
पंजीयन शुल्क रू० 100/-
प्रतिलिपि शुल्क रू० 100/-
पृष्ठांकन शुल्क रू० 0/-
अन्य शुल्क रू० 0/-
कमी स्टाम्प शुल्क रू० 0/-
कुल योग रू० 200/-




(2007003163) उप पंजीयक, JODHPUR (THIRD) उप पंजीयक (तृतीय) जोधपुर
(Power of Att.Gen.(oth. then blood))

obtaining fresh leases, prospecting licenses, renewal of leases or extension of lease period or fixing areas etc.

5. To represent the FAGMIL before the department of Mines, and other local and Government authorities having jurisdiction in the aforesaid mineral areas.
6. To appear and act before Ministers and Secretaries in the State Government and Central Government for filling applications, appeals, revision and other related matters.
7. To initiate defend act and appear in all courts i.e. Civil, Revenue or Criminal whether original or appellate, in the Registration offices, District Boards, Municipal Boards, Vikas Panchayat Nyay Panchayats, Panchayat samities, Zila Parishads, Sale Tax Officers, Income Tax Officers including appellate Tribunals, Regional Labour Commissioners office, PF Commissioners office having jurisdiction out of above said mines area and other authorities when required.
8. To sign and verify plants, pleading or petitions, applications, appeals etc. and to give evidence on behalf of FAGMIL in connection with the affairs of the above mines.
9. To present any or all deed or deeds executed by FAGMIL before any Sub Registrar or District Registrar's office and to admit execution of the same on behalf of FAGMIL and to take back such deeds and documents from the offices of the Registrar, *but no any transfer of property shall be made from*
10. To purchase stamps papers and if necessary to cause refund of the same in connection with transfer or disposition of sales made by the said Attorney on behalf of FAGMIL.



मिसे परामर्शी रहे
2022
उप पंजीयन, कोलाहल

(पी.ओ. दवे)
मुख्य प्रबन्धक (खनन)
फरीदाई आसवती जिनस एच निराला इन्डिया लि.
(भारत सरकार का उपकरण)
जोधपुर

खनि अडिशनल
डान एवं भू-विज्ञान विभाग
बीकानेर [राज०]

सुनील
[Signature]



हस्ताक्षर

फोटो

अंगूठा

उक्त श्री/श्रीमती/सुश्री (Executant)
 1-SUNIL DAYAL CMD OF FCI ARAVALI GYPSUM &
 MINERALS INDIA LTD /LATE RAMESHWAR DAYAL
 Age:56, Caste-KAYASTH
 Ocu.-SERVICE
 R/O-POATA B ROAD JODHPUR

Sunil Dayal



(And Claimant)
 1-P.R. DAVE CHIEF MEREGER (MINING)/SAMPAT
 RAJ DAVE
 Age:57, Caste-BRAHMIN
 Ocu.-SERVICE
 R/O-POATA B ROAD JODHPUR

P.R. Dave



ने लेख्यपत्र Power of Att.Gen.(oth. then blood)
 को पढ़ सुन व समझकर निष्पादन करना स्वीकार किया।
 प्रतिफल राशी रु0 ----- पूर्व में/मेरे
 समक्ष/मे से रु0 ----- पूर्व में -----
 यमेरे समक्ष प्राप्त करना स्वीकार किया।

उक्त निष्पादन कर्ता की पहचान
 1. श्री/श्रीमती/सुश्री J.K.CHANDA
 पुत्र/पुत्री/पत्नी श्री उम्र 0 वर्ष
 जाति ब्राह्मण ADV
 निवासी JODHPUR ने की है जिनके

J.K. Chanda

J.K. Chanda

समस्त हस्ताक्षर एवं अंगूठा के निशान मेरे समक्ष लिये गये हैं।

(2007003163)

(Power of Att.Gen.(oth. then blood))

उप पंजीयक, JODHPUR (THIRD)

उप पंजीयक (तृतीय)
जोधपुर

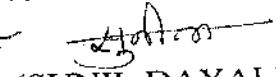
11. Generally to do all lawful acts necessary for the above mentioned business, which is necessary in the ordinary course of business.

Provided that notwithstanding anything hereinbefore contained the said attorney shall always act within and not outside the instructions or directions received by him from the office of FAGMIL, and FAGMIL Agrees to ratify all acts and things lawfully done by the said attorney pursuant to the powers hereinbefore contained.



IN WITNESSES WHEREOF, I have signed this Deed on the 21/04.2007.

For and on behalf of
FCI Aravai Gypsum & Minerals India Ltd.,


(SUNIL DAYAL)

Chairman & Managing Director

WITNESS:

1. Asst. Secy.
RAJENDRA SINGH RATHORE
510 SHRI JAI SINGH RATHORE
B-13, SIR PRATAP COLONY
AIR FORCE ROAD, JODHPUR (RAJ)

2. सुरेंद्र सिंह
SURENDRA SINGH RATHORE
SPOLISH GUMAN SINGH RATHORE
39 'A', HANWANT 'A' SECTOR,
B.J.S. COLONY, JODHPUR.

TRUE - COPY.
ATTESTED



(पी. आर. देवे)

मुख्य प्रबन्धक (खनन)

एफजीआई अरावली जिप्सम एण्ड मिनेरल्स इण्डिया लि.

(भारत सरकार का उपक्रम)

जोधपुर


खाने अभियन्ता
बान एव भू- विज्ञान विभाग
बीकानेर [राज०]

S.K. SAXENA

Addl Chief Engineer

FCI ARAVAI GYPSUM AND MINERALS INDIA LTD.
JODHPUR

आज दिनांक 21/04/2007 को
पुस्तक संख्या 4 जिल्द संख्या 1
में पृष्ठ संख्या 144 क्रम संख्या 2007000008 पर
पंजिवद्ध किया गया तथा अतिरिक्त
पुस्तक संख्या 4 जिल्द संख्या 2
के पृष्ठ संख्या 380 से 387 पर
चरपा किया गया।



(2007003163) उप पंजीयक, JODHPUR (THIRD)
(Power of Att.Gen.(oth. than blood))
उप पंजीयक (तृतीय)
जोधपुर

राजस्थान सरकार
कार्यालय खनि अभियंता, बीकानेर

सीमांकन प्रतिवेदन

1. सीमांकन प्रतिवेदन वास्ते खनन पट्टा खनिज निकट ग्राम रणधीसर तहसील कोलायत, जिला बीकानेर में सर्व श्री एफसीआई अरावली जिप्सम एण्ड गिनरल्स इण्डिया लि. के पक्ष में।
2. सीमांकन कर्ता - सुरेश कुमार अग्रवाल, सर्वेक्षक, बीकानेर
3. सीमांकन तिथि - 13.02.2007
4. उपकरण - प्रिजमेटिक कम्पास, फीता आदि
5. स्थाई बिन्दु- रणधीसर गाँव में स्थित मंदिर
6. विवरण सूची:-

| From | To | Bearing | Distance (in metre) |
|-------|-----|-----------|---------------------|
| मंदिर | कुआ | 29°45' ✓ | 114 M ✓ |
| कुआ | A | 98°00' ✓ | 475 M ✓ |
| A | B | 00°00' ✓ | 1000 M ✓ |
| B | C | 90°00' ✓ | 2000 M ✓ |
| C | D | 180°00' ✓ | 1000 M ✓ |
| D | A | 270°00' ✓ | 2000 M ✓ |

सीमांकित क्षेत्र - 1000X2000 M² = 200 हेक्टर

References of corner pillars:-

पीलर A यह पीलर तलाई के पास ढाल में आता है यहाँ से-

कुआ 278° पर दिखाई देता है, अन्य कोई स्थाई बिंदु नजर नहीं आता है।


पीलर -B रेत के टिब्बो के बीच में आता है कोई स्थाई बिन्दु दिखाई देता है। खसरा नं. 156 में स्थित है।

पीलर -C रेत के टिब्बो के बीच में आता है कोई स्थाई बिन्दु दिखाई देता है। खसरा नं. 157 में स्थित है।

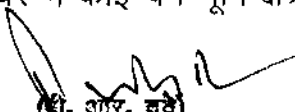
पीलर -D रेत के टिब्बो के बीच में आता है कोई स्थाई बिन्दु दिखाई देता है। खसरा नं. 157 में स्थित है।

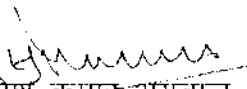
FAGMIL

क्षेत्र का सीमांकन श्री अरविन्द कुमार जैन सहायक खनि अभियंता की उपस्थिति में किया जाकर बने चो पीलर्स को पक्का बनवाने की हिदायत दी गई। सीमांकित क्षेत्र वन क्षेत्र में नहीं है, तथा क्षेत्र की किसी भी सीमा के 25 मीटर की दूरी के दायरे में कोई वन भूमि क्षेत्र नहीं है।



(अरविन्द कुमार जैन)

स.ख. अ. फैगमिल

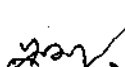

श्री. ओर. वर्मा
मुख्य प्रबंधक (खनन)
एफसीआई अरावली जिप्सम एण्ड गिनरल्स इण्डिया लि.
(भारत सरकार का उपकरण)
साधपुर

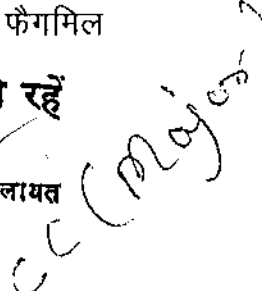

(सुरेश कुमार अग्रवाल)

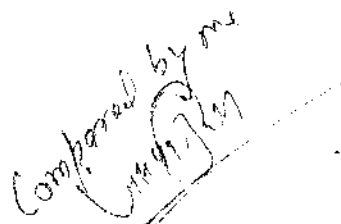
सर्वेक्षक, बीकानेर



खनि अभियंता
बान एवं सु- विभाग
बीकानेर [राज०]

शामिल पत्रावली रहे


उप पंजीयक, कोलायत


CC (Major)

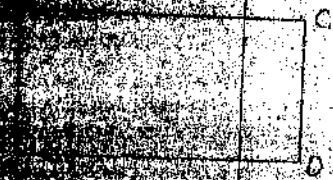

Compared by me
S. G. Verma


मुख्य प्रबंधक (खनन)
बीकानेर

MINING SANCTIONED MINING LEASE
NEAR VILLAGE RANDHIA
DISTRICT BIKANER IN FAVOUR
OF M/S. M/S. PVT. LTD.

PART OF G.T. SHEET 44-D
16

72 55



परीक्षण सचिव
वीकवेव पुच/वीकवेव

REGULATED AREA

[Handwritten signature]
REGIONAL ENG
BIKANER

सहायक दस्तावेज रहू

उप पंजीयक, कोलायत

LOCATION REPORT

FRP Detail

| S. No | FRP Type | FRP Description | GT Sheet No | Longitude | Latitude | Coordinate Unit | Village |
|-------|----------|--------------------------------|-------------|------------------|------------------|-----------------|-----------|
| 1 | Other | TEMPLE IN VILLAGE RANDHISAR | 44D16 | 72-53- 42.144 | 28-07- 25.081 | Degree,Min,Sec | Randhisar |

Description Of Pillar/Area

| S. No | Block | Area From | Area To | Reference | Bearing | Distance | Point Type | Longitude(Degree,Min,Sec) |
|-------|-------|-----------|---------|-----------|---------|----------|---------------------|---------------------------|
| 1 | | Frp | WELL | - | 29-45-0 | 114 | Intermediate Pillar | 72-53-44.15 |
| 2 | | WELL | A | - | 98-0-0 | 475 | Lease Pillar | 72-54-1.43 |
| 3 | | A | B | - | 0-0-0 | 1000 | Lease Pillar | 72-54-.79 |
| 4 | | B | C | - | 90-0-0 | 2000 | Lease Pillar | 72-55-14.06 |
| 5 | | C | D | - | 180-0-0 | 1000 | Lease Pillar | 72-55-14.69 |
| 6 | | D | A | - | 270-0-0 | 2000 | Lease Pillar | 72-54-1.43 |

Lease Location

| S. No | District | Tehsil | Near Village | Khasara No | Plot No | Khasara Type | Ownership |
|-------|----------|---------|--------------|------------|---------|-----------------|-----------------|
| 1 | Bikaner | Kolayat | Randhisar | 155 | | Government Land | Government Land |
| 2 | Bikaner | Kolayat | Randhisar | 157 | | Government Land | Government Land |
| 3 | Bikaner | Kolayat | Randhisar | 156 | | Government Land | Government Land |

अधिशुल्क निर्धारण प्रपत्र

1. पट्टाधारी का नाम F.C.I- अरावली जिप्सम एंड मिनेरल इंडिया लिमि
2. क्षेत्र की स्थिति व खनिज मिठगाम-शबन्धीसर, जिप्सम
3. स्वीकृति क्षेत्र 200 हेक्टेयर
4. पट्टे की प्रेरक
5. वार्षिक स्थिर भाटक रुपये 20,000/- (अथवा डिग्री 4 वर्ष होने से)
6. अधिशुल्क दर एडवेलोरम बेसिस पर
7. पट्टे की अवधि 20 वर्ष
8. प्रतिभूति राशि

| असैसमेंट की अवधि | प्रारम्भिक शेष (टनों में) | उत्पादन (टनों) | योग (टनों में) | खनिज पदार्थ जो बाहर भेजे गये (निर्गमन) | सवरण | स्थिर भाटक | अधिशुल्क | अधिक अधिशुल्क |
|---------------------------|---------------------------|----------------|----------------|--|----------|------------|------------------|------------------|
| दिनांक 11-5-07 से 1-08-08 | शून्य | 3091-310 | 3091-310 | 3091-310 | शून्य | 20,000=00 | 1,55,815=94 रु० | 1,35,815=94 रु० |
| दिनांक 11-5-08 से 10-5-09 | शून्य | 26901-480 | 26901-480 | 20616-735 | 6294-745 | 20,000=00 | 10,70,296=77 रु० | 10,50,296=77 रु० |

Say Rs. 1,35,816/-

Say Rs. 10,50,297/-

नोट:- वर्ष 07-08 के अभिलेख देरी से पेदा करने की शास्त्री रूपसे 1000/- आरोपित की जाती है।

सखाकार

हस्ताक्षर पट्टाधारी प्रतिनिधि

क्रमांक / खण्ड / बॉक एम एम एल / 6102 / 1007

प्रतिलिपि श्री सर्वश्री F.C.I- अरावली जिप्सम एंड मिनेरल इंडिया लिमि, सोनपुर

को भेजकर लेख है कि शेष राशि एक सप्ताह के अन्दर जमा करावे।

2- माग-शाखा-को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित है।

हस्ताक्षर
खनि अभियन्ता, कीकानेर
दिनांक / 22/01/2010

गान्धि प्रतिष्ठान, कीकानेर

अधिशुल्क निर्धारण प्रपत्र

DEP 40

FCI अरावली जिपाम एण्ड मिनेरल इंडिया लिमिटेड

1. नाम: नि.शाम-शुआबसर, जिपाम (तदर्थ)
 2. सी.डी. नं. 200-00 ईस्टिंग
 3. पद की अवधि: 20 वर्ष

5. वार्षिक रिफर माउंट: ₹ 2,00,000/- (पांच लाख रुपये केवल)
 ₹ 89,000/- (₹ 13,8096/10000/- (दस लाख रुपये केवल))
 6. अधिशुल्क दर: एडवेंसरी बेसिस पर
 7. पदों की अवधि: 20 वर्ष
 8. प्रतिभूति राशि:

| वर्ष | अधिकार क्षेत्र (रु. में) | समाप्त (रु. में) | शेष (रु. में) | समिप प्रदान की गयी राशि (रु. में) | सर्वरप | शिफ्ट राशि | अधिक शुल्क | अधिक अंश |
|----------------------|--------------------------|------------------|---------------|-----------------------------------|--------|------------|------------|----------------|
| 11-5-09 to 10-5-2008 | 6284.745 | 14984-72 | 21269-465 | 21269.465 | शून्य | | | |
| 11-5-10 to 10-5-11 | शून्य | 15000-00 | 15000-00 | 15000-00 | शून्य | 94850-00 | 1812158-42 | 1717308-42 |
| 11-5-11 to 10-5-12 | शून्य | 24310-00 | 24310-00 | 24310-00 | शून्य | 100000-00 | 1341900-00 | 1241900-00 |
| 11-5-12 to 31-3-13 | शून्य | 5690-00 | 5690-00 | 5690-00 | शून्य | 200000-00 | 2174722-60 | 1974722-60 |
| | | | | | | 178082-00 | 567577-50 | 389495-52 |
| | | | | | | | | Say 3,89,496/- |

संस्था के अधिकारी

दिनांक: 6/02/2015

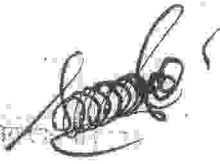
पदवासी प्रतिनिधि

राजनी भवन, पक्का बीरोड, जोधपुर

समिप अधिकारी, संस्था

दिनांक: 26/8/15

संस्था के अधिकारी को सूचित है कि अधिशुल्क निर्धारण प्रपत्र को संस्था के अधिकारी द्वारा प्रेषित है।


 समिप अधिकारी

आधिशुल्क निर्धारण प्रपत्र

- 1 पट्टाचारी का नाम श्री एम.सी.आई अरावली जिल्हा एंड मिनेरल इन्डिया लि.
- 2 क्षेत्र की स्थिति व खनिज मि.ग्राम - रणधीसर, जिल्हा
- 3 स्वीकृति क्षेत्र 200-00 हे.
- 4 पट्टे की प्रेरक

- 5 वार्षिक स्थिर भाटक ₹ 200,000/- $\times 1.4 \times 1.4 = 4,00,000/-$
- 6 अधिशुल्क दर एडवेंचोरम वेस्ट 10.2.15 ₹ 125/- P.Ton
- 7 पट्टे की अवधि 20 वर्ष
- 8 प्रतिभूति राशि

| असेसमेंट की अवधि | प्रारम्भिक शेष (टनों में) | उत्पादन (टनों) | योग (टनों में) | खनिज पदार्थ जो बाहर भेजे गये (निर्गमन) | संवरण | स्थिर भाटक | अधि शुल्क | अधिक अधिशुल्क |
|---------------------------|---------------------------|----------------|----------------|--|-------|-------------|--------------|---------------|
| B-1.4.13 हे 31.3.14 तक | शून्य | 15000-00 | 15000-00 | 15000-00 | शून्य | 2,00,000=00 | 14,96,250=00 | 12,96,250=00 |
| B-1.4.14 हे 31.3.15 तक | शून्य | 15000-00 | 15000-00 | 15000-00 | शून्य | 3,16,666=00 | 7,33,459=00 | 14,16,793=00 |

लेखाकार हस्ताक्षर

पट्टाचारी प्रतिनिधि

क्रमांक / खज / बोके / रफ एम एल / 6/02 / 2005 मो.सिंह राजवी भार्गव, पावरा की रोड, जोधपुर।

खनिज अभियन्ता, बीकानेर
दिनांक / 31/7/2015

प्रतिलिपि: 1 श्री सर्व श्री एम.सी.आई अरावली जिल्हा एंड मिनेरल इन्डिया लि. को भेजकर लेख है कि शेष राशि एक सप्ताह के अन्दर जमा करावे।

2 नाग शाखा की सूचनाओं एवं आवश्यक कार्यवाही हेतु प्रेषित है।

.....
खनिज अभियन्ता, बीकानेर

राजस्थान सरकार
कार्यालय > खनि अभियन्ता, खान एवं भू-विज्ञान विभाग, बीकानेर

AUTHENTICATED PRODUCTION FIGURES OF RANDHISAR GYPSUM
MINES OF M/s FCI ARAVALI GYPSUM & MINERALS INDIA LTD.

| MONTH | PRODUCTION (IN MT) | REMARKS |
|------------|-----------------------|---------|
| JAN 2011 | 0.000 | |
| FEB 2011 | 0.000 | |
| MAR 2011 | 0.000 | |
| APRIL 2011 | 0.000 | |
| MAY 2011 | 0.000 | |
| JUNE 2011 | 0.000 | |
| JULY 2011 | 0.000 | |
| AUG 2011 | 0.000 | |
| SEPT 2011 | 0.000 | |
| OCT 2011 | 0.000 | |
| NOV 2011 | 0.000 | |
| DEC 2011 | 0.000 | |
| JAN 2012 | 15000.000 | |
| FEB 2012 | 0.000 | |


खान एवं भू-विज्ञान विभाग
बीकानेर

राजस्थान सरकार

कार्यालय :- खनि अभियन्ता खान एवं मू विज्ञान विभाग बीकानेर

AUTHENTICATED PRODUCTION FIGURES OF RANDHISAR GYPSUM MINES
OF M/s FCI ARAVALI GYPSUM & MINERALS INDIA LTD.

| MONTH | PRODUCTION (IN MT) | REMARK |
|------------|--------------------|--------|
| MAY 2009 | 0.000 | |
| June 2009 | 0.000 | |
| july 2009 | 5042.900 | |
| Aug. 2009 | 4874.660 | |
| Sept. 2009 | 3817.240 | |
| Oct. 2009 | 1249.920 | |
| Nov. 2009 | 0.000 | |
| Dec. 2009 | 0.000 | |
| Jan. 2010 | 0.000 | |
| Feb. 2010 | 0.000 | |
| Mar. 2010 | 0.000 | |
| Apr. 2010 | 0.000 | |
| May 2010 | 0.000 | |
| Total:- | 14984.72 | |

| MONTH | PRODUCTION (IN MT) | REMARK |
|------------|--------------------|--------|
| June 2010 | 0.000 | |
| july 2010 | 0.000 | |
| Aug. 2010 | 0.000 | |
| Sept. 2010 | 0.000 | |
| Oct. 2010 | 0.000 | |
| Nov. 2010 | 15000.000 | |
| Dec 2010 | 0.000 | |
| Total | 15000.000 | |


 राजस्थान सरकार
 खनि अभियन्ता खान एवं मू विज्ञान विभाग
 बीकानेर

अधिशुल्क निर्धारण प्रपत्र

1. पट्टाधारी का नाम F.C.I- अरानली जिप्सम एंड मिनेरल इंडिया लि
2. क्षेत्र की स्थिति व खनिज मि. ग्राम- शंघीसर, जिप्सम
3. स्वीकृति क्षेत्र 280 हेक्टेयर
4. पट्टे की प्रेरक
5. वार्षिक स्थिर भाटक रुपये 20,000/- (अथवा द्वितीय वर्ष होने से)
6. अधिशुल्क दर एडवेलोरम केसिस पर
7. पट्टे की अवधि 20 वर्ष
8. प्रतिभूति राशि

| असेसमेंट की अवधि | प्रारम्भिक शेष (टनों में) | उत्पादन (टनों) | योग (टनों में) | खनिज पदार्थ जो बाहर भेजे गये (निर्गमन) | सवरण | स्थिर भाटक | अधिशुल्क | अधिक अधिशुल्क |
|------------------------------|---------------------------|----------------|----------------|--|----------|------------|-----------------|-----------------|
| दिनांक 11-5-07 से 1-08-08 तक | शून्य | 3091-310 | 3091-310 | 3091-310 | शून्य | 20,000=00 | 1,55,815=99 रु | 1,35,815=94 रु |
| दिनांक 11-5-08 से 10-5-09 तक | शून्य | 26901-430 | 26901-430 | 20616-735 | 6294-745 | 20,000=00 | 10,70,296=77 रु | 10,50,296=77 रु |

Say Rs. 1,35,816/-
Say Rs. 10,50,297/-

नोट: वर्ष 07-08 के अग्रिलेख देरी से पैरा करके भी शास्त्री रूपसे 1000/- आरोपित भी होगी है।

सखाकार

हस्ताक्षर पट्टाधारी प्रतिनिधि

क्रमांक/खंड/बीके.एम.एम.एल/6102/1007

प्रतिलिपि :- 1 श्री सर्वश्री F.C.I- अरानली जिप्सम एंड मिनेरल इंडिया लि, शंघीसर

2- नाम-सखा को सूचनाार्थ एवं आवश्यक कार्रवाही हेतु प्रेषित है।

को भेजकर लेख है कि शेष राशि एक सप्ताह के अन्दर जमा करावे।

खनि. अभियन्ता, बीकानेर
दिनांक/ 22.01/2010

गति अभियन्ता, बीकानेर

DEPARTMENT OF M

Monday, September 3, 2012

Lease Inform

ME/BKN/MAJOR/ML/6/2002

LOCATION DEMA

Note :- Lease demarcation is locked for editing.

[GIS MAP](#)

| | | | |
|----------------------|--|-----------------------|---------------|
| Lessee | : Fci Aravali Gypsum & Minerals India Ltd. | Geometric Area | : 200 (Hect.) |
| Closing Error | : No | | |

1. FRP Detail

FRP Type FRP Description GT Sheet No. Search Add New FRP

| FRP Type | FRP Description | GT Sheet No. | Longitude | Latitude | Coordinate Unit | Village |
|----------|-----------------------------|--------------|--------------|--------------|-----------------|-----------|
| Other | TEMPLE IN VILLAGE RANDHISAR | 44D16 | 72-53-42.925 | 28-07-26.968 | Degree,Min,Sec | Randhisar |

2. Description Of Pillar/Area

| From | To | Reference | Bearing (Deg,Min,Sec) | Distance(in meters) | Point Type | Sequence | Add |
|------|----|-----------|-----------------------|---------------------|----------------|----------|----------------------|
| Frp | | | | | --Select One-- | | <input type="text"/> |

| # Block | From | To | Reference | Bearing(Deg-Min-sec) | Distance (in meters) | Point Type | Sequence | Longitude | Latitude | Edit | Delete |
|---------|------|------|-----------|----------------------|----------------------|---------------------|----------|-------------|------------|------|--------|
| 1 | Frp | WELL | - | 29-45-0 | 114 | Intermediate Pillar | 1 | 72-53-44.93 | 28-7-30.21 | | |
| 2 | WELL | A | - | 98-0-0 | 475 | Lease Pillar | 2 | 72-54-2.21 | 28-7-28.33 | | |
| 3 | A | B | - | 0-0-0 | 1000 | Lease Pillar | 3 | 72-54-1.57 | 28-8-81 | | |
| 4 | B | C | - | 90-0-0 | 2000 | Lease Pillar | 4 | 72-55-14.84 | 28-8-1.92 | | |
| 5 | C | D | - | 180-0-0 | 1000 | Lease Pillar | 5 | 72-55-15.47 | 28-7-29.45 | | |
| 6 | D | A | - | 270-0-0 | 2000 | Lease Pillar | 6 | 72-54-2.21 | 28-7-28.33 | | |

3. Location Detail

| * District | * Tehsil | Near Village | Khasara No. | Plot No. | Khasara Status | Khasara Ownership | Add |
|------------|----------|--------------|-------------|----------|----------------|-------------------|-----|
| | | | | | | | |

--Select One-- --Select One-- ----Select one--- --Select One-- +

| # | Block | District | Tehsil | Near Village | Khasara No. | Plot no. | Khasara Status | Khasara Ownership | Edit | Delete |
|---|---------|----------|-----------|--------------|-------------|----------|-----------------|----------------------|------|--------|
| 1 | Bikaner | Kolayat | Randhisar | | 156 | | Government Land | Siway Chak(Bilanaam) | | |
| 2 | Bikaner | Kolayat | Randhisar | | 155 | | Government Land | Siway Chak(Bilanaam) | | |
| 3 | Bikaner | Kolayat | Randhisar | | 157 | | Government Land | Siway Chak(Bilanaam) | | |

Checked By : Rekhasoni/Om Prakash Purohit Verified By : G.S.Inda ME BKN
 Checked Date : 10-Dec-2010 Verified Date : 10-Dec-2010
 Remarks :

Save Cancel

* Mandatory Fields

नोट : यदि अनुदानों द्वारा आवेश की तिथि से एक माह के भीतर समुचित इकरारनामा निष्पादित नहीं करेगा तो यह आवेश बिना सूचना के ही प्रतिमहत्त (रिवॉक) कर दिया जायेगा ।

एवं एक अनुदानों समुचित इकरारनामा निष्पादित नहीं करेगा एवं तब क्षेत्र में कार्य आरंभ करने में शिवांग उस समय के जतकि यह सरकार द्वारा इस संकेत में जारी किये गये किसी विधान आदेश से ऐसा करने के लिए अनुमत नहीं कर दिया गया हो।

साक्षात्
राज्य शासन सचिव

परिचयि, निम्न प्रो सूचनाएं एवं आवश्यक कार्रवाई हेतु प्रेषित है -

1. शासन सचिव, भारत सरकार, खास गंजालय, नई दिल्ली
2. निर्देशक, खास एवं नृ-विज्ञान विभाग, राजस्थान, जयपुर को उत्तरी पत्रांक 31 दिनांक 19.1.2008 एवं क्रमांक 2278 दिनांक 17.1.2008 के क्रम में इस निर्देश को साथ में -
(क) इस क्षेत्र की सीमा निर्धारण संबंधी निष्पादन की दिनांक की सूचना परमादेश इस विभाग को भिजवावे जिसमें आदेश की दिनांक के 8 सप्ताह से अधिक का समय नहीं लगना चाहिए ।
3. महालेखाकार, राजस्थान, जयपुर
4. सिला कलेक्टर, बीकानेर
5. अधीक्षण सचिव अभियंता, बीकानेर
6. सचिव अभियंता, बीकानेर
7. महानियंत्रक, भारतीय खास ब्यूरो, इन्दिरा गढ़न, सिविल लाइन्स, जयपुर
8. सहायक एफ.सी.आई. अरावली विभाग एण्ड मिनेरल्स इन्डिया लिड, भागू सिंह राजकी मार्ग, आनंद-बी रोड, जोधपुर ।
9. सहायक मजदारी ।

साक्षात्
सहायक शासन सचिव

305
20/01/08

6/8/राज

आदेश

सूके राष्ट्रीय एफ.सी.आर. अरावली, जिला एच. मिन्टरला इम्प्लिया सि. सौधपुर ने खनिज सियाका नियमावली 1960 के नियम 22(1) के अन्तर्गत खनिज सियाका निकट धाम एफ.सी.आर. तहसील कोलायत जिला बीकानेर में खनन पट्टा अनुदान हेतु आवेदन पत्र दिनांक 23.2.2007 को प्रस्तुत किया।

और सूके सलाह अर्थात् संवृष्ट है कि आवेदन पत्र में अद्यतन सम्बन्ध निवृत्तों के संबंध उक्त सियाका के अनुदान के लिए उपयुक्त पक्ष/पार्टी है।

और सूके उक्त क्षेत्र क्रियेके लिए आवश्यक द्वारा सियाका जारी गई है, अनुदान के लिए भुका है।

अतः राज्य सरकार खनिज सियाका नियमावली, 1960 का कि समय-समय पर संशोधित हुए हैं और उल्लेखित विधायी और प्रतिबंधों के अतिरिक्त निम्नलिखित विधायी पर संशोधन अनुदान पत्र को अनुदान करती है:-

1. खनिज विभाग
2. क्षेत्र 200.00 हेक्टर/एक एकड़ में एफ.सी.आर. तहसील कोलायत जिला बीकानेर में खनन पत्र के अनुसार क्षेत्र को उपलब्धता भूमि पर वास्तविक योगदान पर निर्धारित होगी।
3. आवेदक संविदा पंजीयन की विधि से 20 वर्ष तक
4. स्थिरभारक खान एवं खनिज (विभाग एवं विनियमन) एक्ट, 1957 को राष्ट्रीय अनुसूची के अनुसार एवं समय-समय पर संशोधन हो उसके अनुसार कार्य करने हेतु राज्य सरकार
5. प्रतिभूति राशि खान एवं खनिज (विभाग एवं विनियमन) एक्ट, 1957 की द्वितीय अनुसूची के अनुसार एवं समय-समय पर संशोधन हो उसके अनुसार
6. अभिशुल्क खान एवं खनिज (विभाग एवं विनियमन) एक्ट, 1957 की द्वितीय अनुसूची के अनुसार एवं समय-समय पर संशोधन हो उसके अनुसार
7. गुणवत्ता मापक विभागीय अधिकारी निर्धारित करें
8. अन्तः कर राज्य में निर्धारित विधायी के अनुसार व समय-समय पर संशोधन हो उसके अनुसार
9. अन्य बातें 1. प्रधान खनिज सियाका नियम, 1960 एवं खान एवं खनिज (विभाग एवं विनियमन) अधिनियम, 1957 एवं समय-समय पर संशोधन हो उसके अनुसार
2. एफ.सी.आर. 1960 के नियम 23 (एफ) के अन्तर्गत खनिज सियाका के लिए द्वितीय आवेदन पत्र विभाग प्रस्तुत करेगा।

राजस्थान सरकार
खान (युव-१) विभाग

क्रमांक: P.36(30)खान/युव-१/2002

जयपुर दिनांक - 3 फरवरी 2007

संशोधन आदेश

सर्वश्री एफ.सी.आई. अरावली जिलासम एण्ड मिन्स्टर्स इण्डिया लिमिटेड जोधपुर द्वारा खनिज शिवायत नियमावली, 1950 में नियम 22(1) में अंतर्गत खनिज जिल्हासम लिमिटेड द्वारा एण्डाउटर सहसील कोलायल जिला बीकानेर में खनिज पट्टा अनुदान हेतु प्रस्तुत आवेदन पत्र दिनांक 8.3.2002 इस विभाग के समसंख्याक आदेश दिनांक 19.1.2007 के अनुदान स्वीकृत किया गया।

उक्त खनिज पट्टा स्वीकृति आदेश दिनांक 19.1.2007 के संबंध में की जाति पत्र में "पूर्वक्षम अनुदानपत्र" के स्थान पर "खनिज पट्टा" एवम् द्वारा प्रतिस्थापित किया जाता है।

आज्ञा सं.


उप शासन सचिव

प्रतिलिपि निम्न को सूचनाार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित है :-

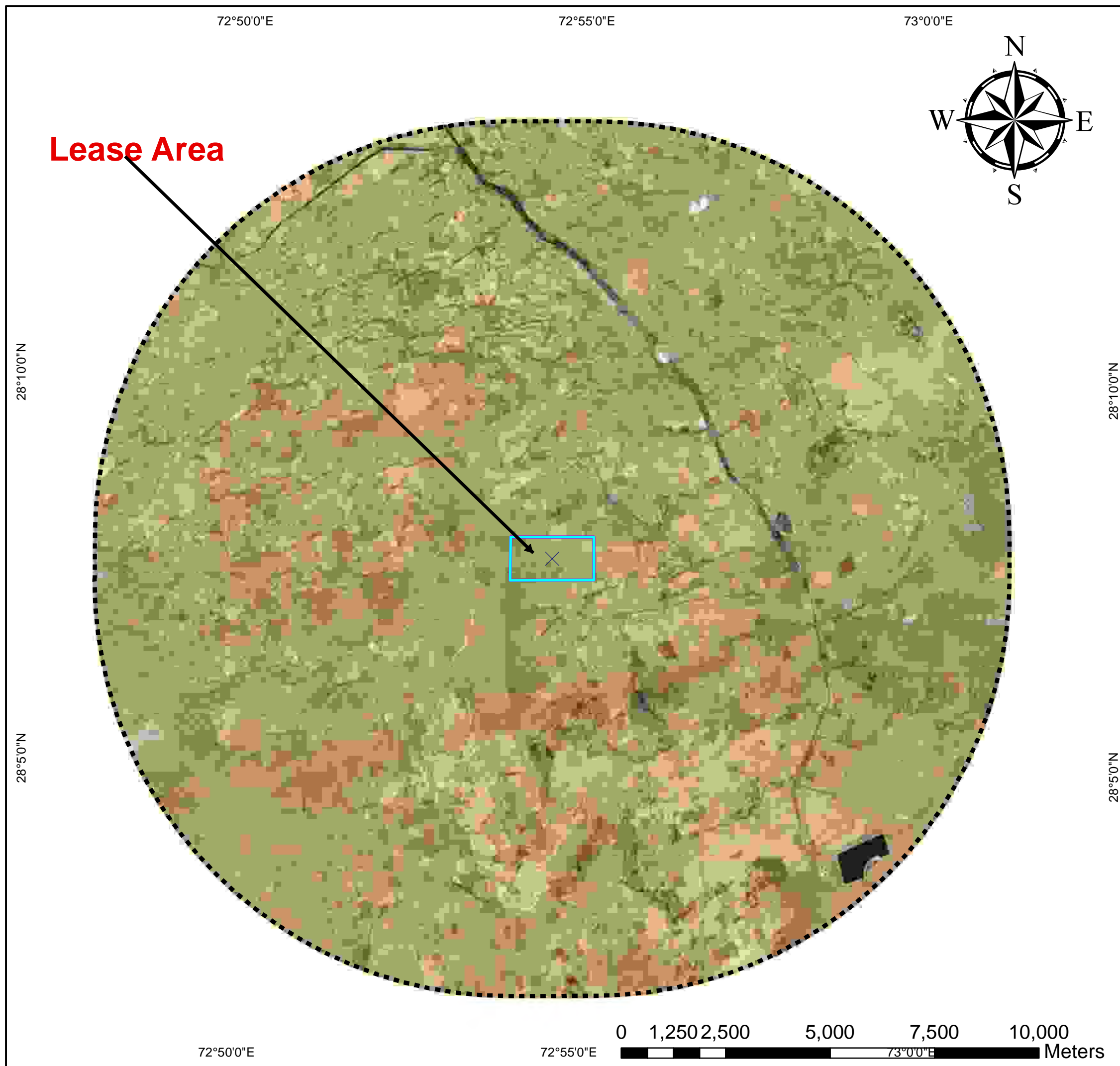
1. शासन सचिव, भारत सरकार, खान मंत्रालय नई दिल्ली
2. निदेशक, खान एवं भू-विज्ञान विभाग, राजस्थान, जयपुर
3. महालेखाकार, राजस्थान, जयपुर
4. जिला कलेक्टर, बीकानेर
5. अधीक्षक खनि अभियंता, बीकानेर
6. खनि अभियंता, बीकानेर
7. महासचिव, भारतीय खान ब्यूरो, इन्दिरा भवन, रिजर्वेड लाइन्स, नोवापुर
8. सर्वश्री एफ.सी.आई. अरावली जिलासम एण्ड मिन्स्टर्स इण्डिया लिमिटेड नामी सिविल लाइन्स नामी, पोस्ट-बी रोड, जोधपुर।
9. रक्षित भद्रावली।


सहायक शासन सचिव

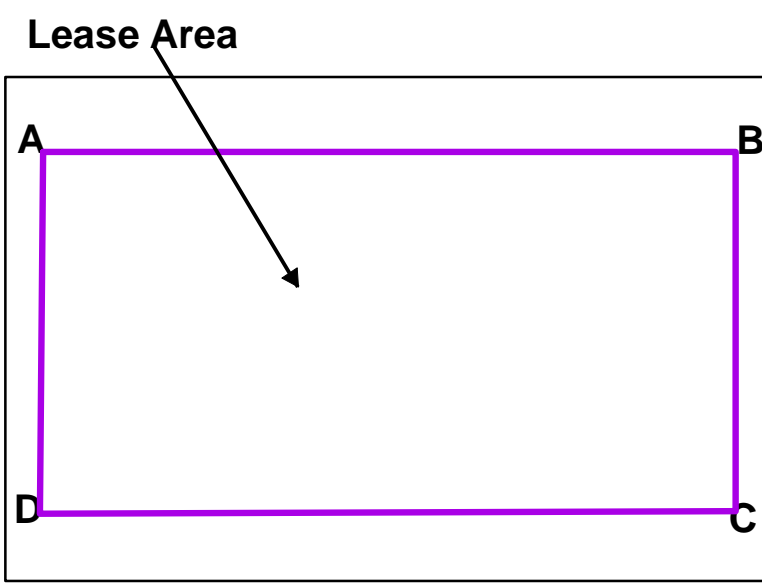
707

Area Manager,
F&G M&L, Bikaner.



366
08/02/07
68/2007



**GOOGLE EARTH IMAGERY
OF 10KM BUFFER AREA**



Legend

-  Study Area_Buffer
-  Lease Area

Project:
Randhisar Gypsum (Minor Mineral) Mining
Project MI No.06/02 (Hect.200.00)
 In Village: Randhisar, Tehsil: Kolayat,
 District: Bikaner, (Raj.)

Project Proponent:
M/s FCI Aravali Gypsum and Minerals India Limited

Environment Consultant:
Vardan Environet
QCI-NABET Accredited Environment Consultant
Certificate No. NABET/EIA/1619/RA0037

Prepared by: Approved By:
 Mr.Dashrath Singh Mr.R.S. Yadav

PRE-FEASIBILITY REPORT

1.0 EXECUTIVE SUMMARY

M/s FCI Aravali Gypsum and Minerals India Ltd has obtained environmental clearance for Randhisar Gypsum (Minor Mineral) Mining project (ML No 06/02, ML Area 200 ha) with production capacity 15,000 TPA Gypsum under the provisions of EIA Notification, 1994 vide letter no J-11015/108/2005-IA.II (M) dated 21st December, 2005. The mine has not undergone any modernization, expansion and change of mining technology so far.

Now, As per the MoEF & CC Notification dated 06th April, 2018, Fresh Environmental clearance is required under the provisions of EIA Notification, 2006 for all the mining projects having EC under EIA Notification, 1994. Accordingly, application for obtaining Environmental Clearance is being submitted for above subject mining project as per provisions of EIA Notification, 2006.

As per EIA Notification dated 14.09.2006, this project falls under Category ‘A’ Project of Activity 1(a) – for “Mining of Mineral”.

Mining lease over an area of 200 ha has been granted in favor of M/s FCI Aravali Gypsum and Minerals India Ltd by the DMG vide order no.P.15(30)/Khan/Group-1/2002 on dated 19.01.2007 for a period of 20 years i.e. 11.05.2007 to 10.05.2027. As per the amendment in **MMDR Act-1957** came in to existence on dated 12.01.2015 where the lease period is automatically **extended for 50 years i.e. up to 10.05.2057**. (Copy enclosed as **Annexure-I**). The production capacity for the excavation of **15,000 TPA Gypsum and 13560 cum/year OB**. The lease area is Located at khasra No.- 155,156,157, Village- Randhisar, Tehsil Kolayat, District- Bikaner Rajasthan. Total M.L. area is **200ha**. which is Govt. waste land. The lessee is under obligation to carry out mining in accordance with all other provisions as applicable under the Mine Act, 1952, Mines and Minerals (Development and Regulation) Act, 1957, Forest (Conservation) Act, 1980 and Environment (Protection Act), 1986 and the rules made there under, wild life (Protection) Act 1972, water (Prevention and control of pollution) Act 1974 and Air (Prevention and Control of Pollution) Act, 1981.

1.1 Salient Features of the Project

Table- 1: Salient Features of the Project

| S. N | Particulars | Details | | |
|-------------|-------------------------|--|------------------------------|------------------------------|
| 1 | Project nature & size | Environmental Clearance as per MoEF & CC Notification dated 06th April, 2018 for Existing Randhisar Gypsum (Minor Mineral) Mining project (ML No 06/02, ML Area 200 ha) with production capacity 15,000 TPA Gypsum & 13560 cum/year Top soil/OB at Near Village – Randhisar, Tehsil – Kolayat, Distt - Bikaner (Rajasthan) by M/s FCI Aravali Gypsum and Minerals India Ltd . | | |
| 2 | Category of the Project | Category “A” | | |
| 3 | Location of Mine | Village- Randhisar, Tehsil - Kolayat, District – Bikaner Rajasthan | | |
| 4 | Geographical Cordinates | Point | Latitude | Longitude |
| | | A | 28 ⁰ 07' 58.92" N | 72 ⁰ 54' 0.79" E |
| | | B | 28 ⁰ 08' 0.04" N | 72 ⁰ 55' 14.06" E |
| | | C | 28 ⁰ 07' 27.56" N | 72 ⁰ 55' 14.69" E |
| | | D | 28 ⁰ 07' 26.44" N | 72 ⁰ 54' 1.43" E |

| | | |
|----|---------------------------------|--|
| 5 | Khasra no/Survey no. | 155,156,157 |
| 6 | Toposheet number | 44, D/16(Old) & H43,S/16 (New) |
| 7 | Mineral | Gypsum (Minor Mineral) |
| 8 | Reserves | Geological reserves= 1208569 MT Remaining Mineable reserves = 1193569MT |
| 9 | Proposed Production Capacity | 15,000 TPA Gypsum & 13560 cum/year OB |
| 10 | Project Cost | Rs. 47.27 Lakhs/- |
| 11 | Method of mining | Open cast Semi- Mechanized. |
| 12 | No of working days | 300 Days |
| 13 | Water requirement (Aproximate) | Total Water Requirement: 43 KLD Domestic: 1.5 KLD Dust Supression: 26.5 KLD Plantation: 15.0 KLD |
| 14 | Man power | 28 persons |
| 15 | Nearest railway station | Gajner railway station ~25.20 Km in SSE |
| 16 | Nearest State/ National Highway | NH-15 ~20.38 Km in SSE, SH-3 , ~ 27 Km in E |
| 17 | Nearest airport | Bikaner airport ~39Km in ESE |

2.0 INTRODUCTION OF THE PROJECT/ BACKGROUND INFORMATION

2.1 Identification of Project and Project Proponent

M/s FCI Aravali Gypsum and Minerals India Ltd has obtained environmental clearance for Randhisar Gypsum (Minor Mineral) Mining project (ML No 06/02, ML Area 200 ha) with production capacity 15,000 TPA Gypsum under the provisions of EIA Notification, 1994 vide letter no J-11015/108/2005-IA.II (M) dated 21st December, 2005. The mine has not undergone any modernization, expansion and change of mining technology so far.

Now, As per the MoEF & CC Notification dated 06th April, 2018, Fresh Environmental clearance is required under the provisions of EIA Notification, 2006 for all the mining projects having EC under EIA Notification, 1994. Accordingly, application for obtaining Environmental Clearance is being submitted for above subject mining project as per provisions of EIA Notification, 2006.

As per EIA Notification dated 14.09.2006, this project falls under Category 'A' Project of Activity 1(a) – for "Mining of Mineral".

Mining lease over an area of 200 ha has been granted in favor of M/s FCI Aravali Gypsum and Minerals India Ltd by the DMG vide order no.P.15(30)/Khan/Group-1/2002 on dated 19.01.2007 for a period of 20 years i.e. 11.05.2007 to 10.05.2027. As per the amendment in MMDR Act-1957 came in to existence on dated 12.01.2015 where the lease period is automatically extended for 50 years i.e. up to 10.05.2057.

Project Proponent

M/s FCI Aravali Gypsum and Minerals India Ltd (FAGMIL) under flagship of Department of Fertilizers, Ministry of Chemicals & Fertilizers is ISO certified premier company in the country for producing agriculture and mineral gypsum which has been playing major role in land reformation in agriculture sector by reclamation of sodic land in India. It has experience of almost six decades in supplying of gypsum for producing Ammonium Sulphate in Sindri Unit, Dhanbad. During this period it helped the country in achieving self – sufficiency in food grain production.

After demerger of FCIL in 2003, it started independently supplying gypsum to cement industries and

different land improvement projects of world bank in UP. Since then, it reclaimed over thousands of hectare of land in UP and various other states like Punjab, Haryana and Rajasthan. The company excavates gypsum from its various mines situated in different cities of Rajasthan like Barmer, Jaisalmer, Bikaner, Suratgarh.

Almost all the mines and its registered offices are ISO 9001:2015 and 14001:2015, BS OHSAS 18001:2007. Its mines are equipped with environment friendly and other safety equipments.

2.2 Brief Description of Nature of the Project

a) About Project

M/s FCI Aravali Gypsum and Minerals India Ltd has obtained environmental clearance for Randhisar Gypsum (Minor Mineral) Mining project (ML No 06/02, ML Area 200 ha) with production capacity 15,000 TPA Gypsum under the provisions of EIA Notification, 1994 vide letter no J-11015/108/2005-IA.II (M) dated 21st December, 2005. The mine has not undergone any modernization, expansion and change of mining technology so far.

Now, As per the MoEF & CC Notification dated 06th April, 2018, Fresh Environmental clearance is required under the provisions of EIA Notification, 2006 for all the mining projects having EC under EIA Notification, 1994. Accordingly, application for obtaining Environmental Clearance is being submitted for above subject mining project as per provisions of EIA Notification, 2006.

b) Category of the Project

As per EIA Notification dated 14.09.2006 And its subsequent amendments, this project falls under Category 'A' Project or Activity 1(a) for "Mining of Mineral".

c) About the mining lease

Mining lease over an area of 200 ha has been granted in favor of M/s FCI Aravali Gypsum and Minerals India Ltd by the DMG vide order no.P.15(30)/Khan/Group-1/2002 on dated 19.01.2007 for a period of 20 years i.e. 11.05.2007 to 10.05.2027. As per the amendment in MMDR Act-1957 came in to existence on dated 12.01.2015 where the lease period is automatically extended for 50 years i.e. up to 10.05.2057. (Copy enclosed as Annexure-I). The production capacity for the excavation of 15,000 TPA Gypsum and **13560 cum/year OB**. The lease area is Located at khasra No.- 155,156,157, Village- Randhisar, Tehsil Kolayat, District- Bikaner Rajasthan.

d) Status of Mining Plan

Mining Scheme with Progressive Mine Closure Plan has been approved by Sepretending Mining Engineer, Mines & Geology Deptt, Bikaner vide letter No SME/Bikaner/684 dated 01.03.2017 (Copy Enclosed).

e) Environmental clearances & Consents

M/s FCI Aravali Gypsum and Minerals India Ltd has obtained environmental clearance for Randhisar Gypsum (Minor Mineral) Mining project (ML No 06/02, ML Area 200 ha) with production capacity 15,000 TPA Gypsum under the provisions of EIA Notification, 1994 vide letter no J-11015/108/2005-IA.II (M) dated 21st December, 2005.

Consent to Operate has been granted by Rajasthan State Pollution Control Board, Jaipur vide its file no – F(Mines)/Bikaner(Kolayat)/1975(1)/2016-2017/9366-9370 & order no 2016-2017/Mines/9099 dated 03.01.2017 valid upto 30.04.2019 for production of 15000 TPA gypsum.

2.3 Need for the Project and Its Importance to the Country or Region

The basic objective of the project is the effective utilization of mineral in the country and in the region.

Role of Gypsum in Cement Industry

Gypsum plays dual role in cement. It is used in a small quantity in the range of 2.5-3.0 percent in terms of SO₄. Gypsum is identified as a set regulator or retarder, and also contributes for strength acceleration

in the early stages of hydration.

Gypsum is the basic requirement for manufacture of cement & fertilizer. Cement and agriculture are the two major industries in which Gypsum finds its major use. It is estimated that more than 80% of the gypsum production from Rajasthan is used in cement industries, many of whom are located in southern Rajasthan. Apart from this it is also used in manufacturing of plaster of paris, partition blocks, sheets and tiles, insulation boards, pharmaceuticals, textiles, paints, paper, in agriculture as soil conditioner etc.

Over 90% of Gypsum reserves of the India are located in Rajasthan. Rajasthan gypsum is mostly of gypsite type found in bedded deposits. From the natural gypsum, marine gypsum is recovered while evaporating brines and phosphor gypsum as a by-product from the phosphatic fertilizer plants.

Gypsum deposits are available in the western part of the state which account for 81.39% of total country's reserves. Rajasthan is the principal producer of Gypsum, accounting for 98.81% of the total country's production.

About 20-25% of the gypsum is used for agriculture and land reclamation purposes in the Punjab, Haryana and Uttar Pradesh.

Certain Gypsum bearing areas will be reserved by the Directorate of Mines & Geology, wherein Gypsum mining will be permitted to plaster of paris unit owners on the basis of MoUs executed between the Directorate and plaster of paris units.

2.4 Demands-Supply Gap

India has huge reserves of natural gypsum of the order of 1120 million tones of which recoverable reserves are estimated at 237 million tones. Production of Gypsum during 14-15 was 3.0 million tones. A part from this there is annual surplus production of gypsum of the order of 2 to 3 million tons from industrial and marine sources. Due to increased use of by-product gypsum, this is of higher purity than the natural gypsum. But the existing production is not meeting the demand of cement & fertilizer industries, because only natural gypsum can be used in these industries. To meet out the requirement these industries are importing the gypsum.

2.5 Imports vs. Indigenous Production

Imports of gypsum & plaster increased marginally during the year 2014-15 in compare to F.Y. 2013-14. Gypsum & plaster were imported mainly from Thailand (55%), Iran (29%) and Oman (6%). Alabaster was imported from Oman (39%), Spain (32%) & Italy (29%).

Indigenous production:

The production of gypsum at 3.0 million tons in 2014-15 decreased by 8% as compared to that in the previous year.

Source: Indian Minerals Yearbook 2015 (Part- II)

2.6 Export Possibility

Gypsum were exported in bulk to neighboring industries.

2.7 Domestic/ Export Markets

In India, gypsum mining is mainly carried out in the state of Rajasthan, which contributes about 99% of the total production; the remaining 1% is contributed by Jammu & Kashmir and Gujarat. Most of the mineral produced is being supplied to the cement industries situated in various parts of the country.

A sizeable quantity of gypsum from mines in Barmer, Bikaner, Jaisalmer, Hanumangarh, Sri Ganganagar and Nagaur districts of Rajasthan is also supplied to the plaster of Paris units in Rajasthan, Uttar Pradesh, Haryana, Maharashtra, West Bengal and Delhi. Gypsum produced in Tamil Nadu in the past was mainly of cement grade and hence, was dispatched to cement plants in southern India.

2.8 Employment Generation (Direct and Indirect) due to the project

Around 28 persons will be deployed directly and 100 persons indirectly in the project. Hence jobs and business opportunities in logistical activities will come up.

3.0 PROJECT DESCRIPTION

3.1 Type of Project Including Interlinked and Interdependent Projects, If Any.

Project is an opencast semi-mechanized mining project. This project does not have interlinked or interdependency on any other project.

3.2 Location (map showing general location, specific location, and project boundary & project site layout) with coordinates.

The lease area is situated near Village- Randhisar, Tehsil – Kolayat, Distt - Bikaner (Rajasthan). The lease area falls within the Survey of India G. T. Sheet No.- 44, D/16(Old) & H43,S/16 (New). The location of the mine is shown in the figure below.

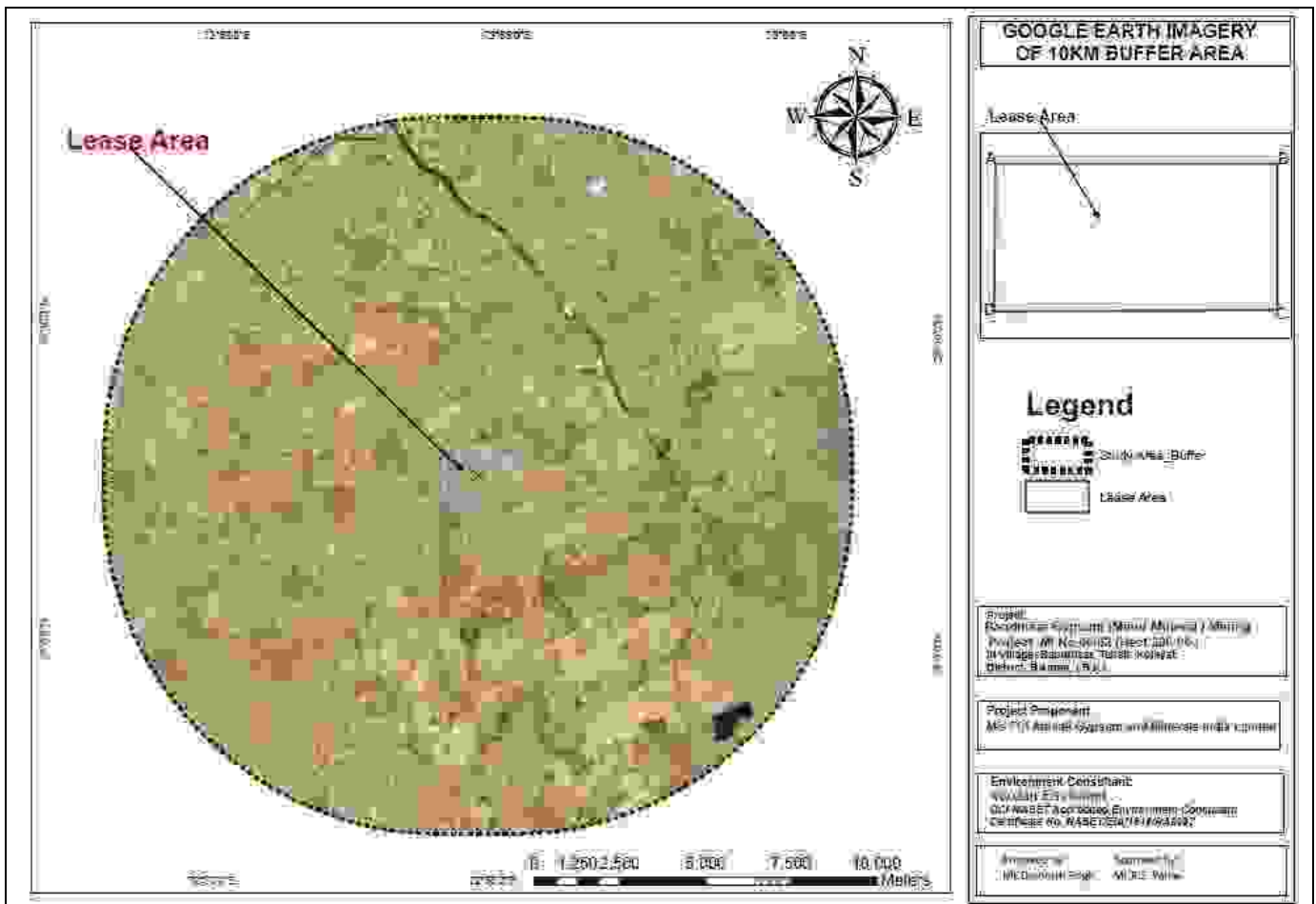


Figure 1: Key Plan of the Project Site

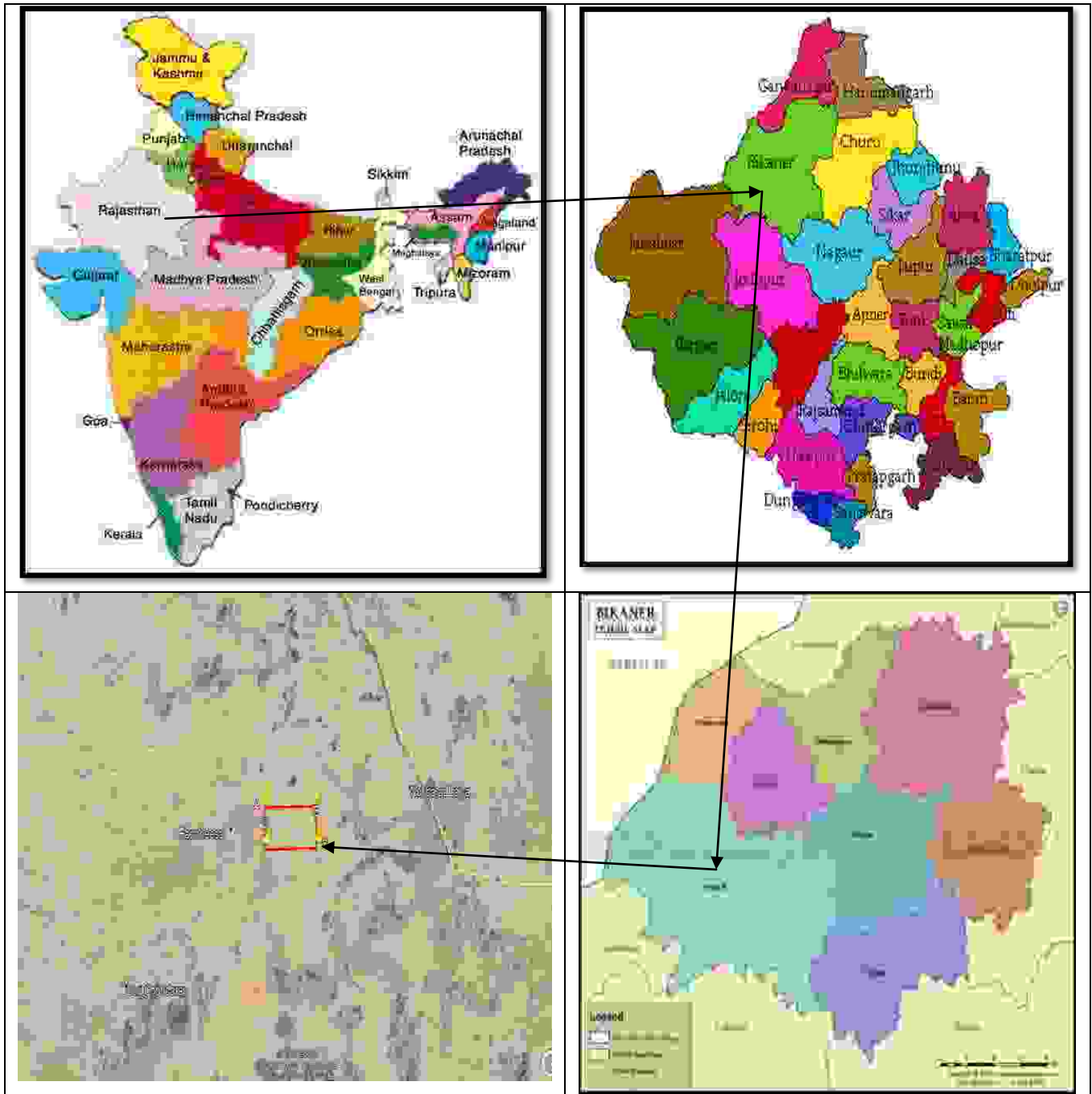


Figure 2: Location Map of the Project Site

3.3 Details of Alternate Sites

This is a Gypsum mining project. No alternate sites were considered as this is site specific project for which lease has been granted by State Govt.

3.4 Size or magnitude of operation

Production of Gypsum of 15,000 TPA Gypsum & 13560 cum/year OB and mining is/will be done by opencast semi- mechanized method.

3.5 Project description with process details

Method of Mining

Mining activity will be carried out by open cast semi-mechanized method.

- Light weight excavators will be used for digging and loading of mineral in tippers.

- No drilling/ blasting is required as the material is loose in nature.
- As the mineral is occurring in the shallow depth so the height of the bench is governed by thickness of Gypsum bed.
- It is proposed that the width of the bench will be kept more than height.
- Total 67800 m³ overburden will be generated during next 5 years mining proposal.
- Roads will be properly made and sprayed by water for suppression of dust.
- Roads in the lease area for the movement of loaded trippers/ trucks will not have slopes more than 1 in 20.
- In case, on the particular place if the OB and mineral both are encountered, the mineral bed will be excavate after the OB is fully removed to avoid the intermixing.
- The lease area is well connected by roads.
- The mineral excavated will be direct load in dumpers by excavator and dispatch to the end users.

3.6 Raw Material Required Along With Estimated Quantity, Likely Source, Marketing Area of Final Product/s, mode of Transport of Raw Material and Finished Product

No raw material will be required in the proposed project. The operation involves the excavation of Gypsum in its existing form and transported to the endusers.

3.7 Resource Optimization/ Recycling and Reuse

The total OB/ waste (alluvium/ soil) generated, will be used in backfilling of the worked out area simultaneously. No recycling and reuse are envisaged. Domestic sewage water generated from office toilet will be disposed in soak pits via septic tank.

3.8 Availability of Water, its Source, Energy/ Power Requirement and Source

3.8.1 Water Requirement

The total water requirement will be 43 KLD which will be sourced from the nearby villages through tankers. Water balance is given as below:

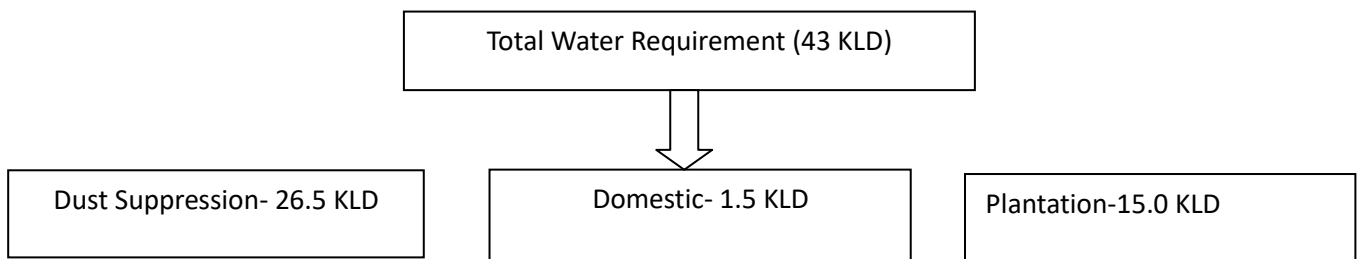


Figure- 2: Water Balance Diagram

3.8.2 Power

All the activities will be carried out in a semi-mechanized manner. The material will be excavated and loaded directly into dumpers, tractors-trolley etc. by the diesel run excavator cum loaders. The operation will be done only from sun rise to sun set. So there is no requirement of power for the proposed mining activity.

3.8.3 Liquid Effluent

No liquid effluent will be generated at the mine site due to the mineral excavation. Only domestic waste water will be generated from mine office etc. which will be disposed off in septic tank.

4.0 SITE ANALYSIS

4.1 Connectivity

a) Road

The existing mine lease area fall near to NH-15 ~20.38 Km in SSE, SH-3 , ~ 27 Km in E; it thus has excellent road connectivity.

b) Rail

The nearest railway station is the Gajner railway station ~25.20 Km in SSE.

c) Air

The nearest airport is at Bikaner approximately 39 km in ESE direction. The site is well connected with communication facilities like telephone, fax, wireless and telex and as such, no constraints are envisaged in this aspect as the Tehsil and District headquarters are near to the site.

4.2 Landform, Landuse and Land ownership

Mining lease over an area of 200 ha has been granted in favor of M/s FCI Aravali Gypsum and Minerals India Ltd by the DMG vide order no.P.15(30)/Khan/Group-1/2002 on dated 19.01.2007 for a period of 20 years i.e. 11.05.2007 to 10.05.2027. As per the amendment in MMDR Act-1957 came in to existence on dated 12.01.2015 where the lease period is automatically extended for 50 years i.e. up to 10.05.2057. The total lease area 200 ha is government waste land.

4.3 Topography

The lease area is situated in the western part of Bikaner district having flat terrain. The area is covered with layer of alluvium. The highest elevation is 177mRL near Pillar 4 and lower elevation is 170mRL near Pillar 2.

4.4 Existing land use pattern and shortest distances from Forests, Water bodies, Eco sensitive areas, etc.

There is no forest land involved in the M.L. area. There is no Water bodies, Eco sensitive areas with in 10 kms radius. Indira Gandhi canal is flowing at a distance of 3.52 km in NE direction.

4.5 Existing Infrastructure

All necessary Infrastructure & road facilities are available at site, as this is an existing mining project.

4.6 Environmental Settings

4.6.1 Physiography

There is no stream and nalla exists within lease area. The physiography of the lease as per the natural drainage. The area is covered with layer of alluvium. The highest elevation is 177mRL near Pillar 4 and lower elevation is 170mRL near Pillar 2.

4.6.2 Drainage

The entire district has hot and dry climatic conditions and characterized by semi-arid region with 277.55 (since 1991 to 2010) mm average annual rainfall. No major drainage system in the Bikaner District. There is no stream and nalla exists within lease area.

4.6.3 Geology

The area around Bikaner is Known for tertiary and quaternary formation. These tertiary rocks were deposited in Bikaner-Nagaur basin. The tertiary starts underlie Marwar Super group (not exposed) are categorized into four formations, namely Palana, Marh, Jogira and Kolayat. The lowermost Palana formation is represented by various rocks like sandstone, clay, shale, carbonaceous shale, carbonaceous shale, lignite etc. where as quaternary are represented by beds of sand, clay calcrete (Locally Known as Kankar), alluvium etc.

Stratigraphic Succession

| | | |
|-----------------------|-------------------|--|
| Pleistocene to Recent | Kolayat Formation | Sand & alluvium, Iron stone nodule, Sandy calcareous grit, kankar, ferruginous band etc. |
|-----------------------|-------------------|--|

| | | |
|--------------------------------|---|---|
| -----Un-Conformity----- | | |
| Lower to Middle Eocene | Jogira Formation (Calcareous facies) | Shale & Marly limestone with foraminifer, clayey marl, fullers earth with shale parting, yellow shales Ochers, marl etc. |
| -----Un-Conformity----- | | |
| Upper Paleocene | Marh Formation (Arenaceous facies) | Upper clay horizon one clay bed (3-10 m) Ferruginous sandstone, gritty sandstone (60 m) Middle clay horizon with five day beds & sandstone parting (50 m) Ferruginous sandstone, grit, siltstone (70 m) Lower clay horizon with one clay bed (1-3 m) Ferruginous sandstone, siltstone (20 m) |
| -----Gradational Contact----- | | |
| Lower Paleocene | Palana Formation (Calcareous facies) | Fine grained sandstone, carbonaceous shale and lignite. |
| -----Base not encountered----- | | |

Local Geology:

The gypsum deposit of the applied area belongs to recent to sub-recent age and is free from any geological disturbance. It is a sedimentary, which occurs in the area as seam or bands. The sand overlying gypsum of the entire area and the grain size varies from 60 to 200 meshes. The gypsum deposit of the region appears to be deposited in a shallow basin. It is a flat deposit and hence no specific dip can be assigned. The litho logical succession of the area is as under:-

Alluvium : 0.9 to 1.10 m

Gypsum : 0.5 to 0.7 m

4.6.4 Rainfall and Climatic condition

The average annual rainfall in the district is 277.55mm (since1991 to 2010). About 80% of rainfall takes places from June to September. The entire district has hot and dry climatic conditions and characterized by semi-arid region. Summer is hot and winter is cold season. There is a meteorological observatory at Bikaner, which may be taken as representative of meteorological condition. May is the hottest month. The mean daily maximum temperature is about 48^oC, may. January is the coldest month with minimum at 2^oC. The air is dry during the major parts of the year. In southwest monsoon season, the air is very humid and April and May are usually driest months.

4.6.5 Economy

The economy of the district is primarily agricultural and pastoral. Wheat and barley are cultivated over large areas, as are pulses. The Indira Gandhi Canal is main source of irrigation. Beside from that economy is dependent on the mining based industries(Cement, POP, Fertilizer), which are the real assets of the area.

4.6.6 Infrastructure

Social Infrastructure available

| | |
|-------------------------|--|
| Road Connectivity | NH-15 ~20.38 Km in SSE, SH-3 , ~ 27 Km in E |
| Nearest Railway Station | Gajner railway station ~25.20 Km in SSE |
| Nearest Airport | Bikaner ~ 39 km in ESE direction. |
| Nearest Hospital | PHC & CHC at village Randhisar, ~0.500 Km SW Hospital at Bikaner ~ 24.00 km in SE direction |
| Nearest school | Primary & Sr. Sec. School at village Randhisar, ~0.500 Km SW |
| Community Facilities | All community facilities area available at village Randhisar, ~0.500 Km SW |

5.0 PLANNING BRIEF

5.1 Planning Concept (type of industries, facilities , transportation etc.) Town and Country Planning / Development authority class ification.

Open cast semi-mechanized mining method will be adopted for Gypsum mining. Mineral excavated will be basic requirement for manufacture of cement & fertilizer. Cement and agriculture are the two major industries in which Gypsum finds its major use. It is estimated that more than 80% of the gypsum production from Rajasthan is used in cement industries, many of whom are located in southern Rajasthan. Apart from this it is also used in manufacturing of plaster of paris, partition blocks, sheets and tiles, insulation boards, pharmaceuticals, textiles, paints, paper, in agriculture as soil conditioner etc.

5.2 Assessment of Infrastructure Demand (physical and social)

Adequate infrastructure facilities are available in the vicinity of mine lease area and due to the mining activities; no extra infrastructure over and above the existing infrastructure is required.

5.3 Amenities/Facilities

- **Mines Office, Workshop etc.** : Proper site services such as First Aid, Rest Shelter, and Drinking Water is already available for the mine workers.
- **Rest Shelter** : Rest shelter along with first-aid station complying with all the provisions of Mines Rules is already available.
- **Water Supply** : Water facility for human consumption, dust suppression and for plantation is already available.
- **Power Supply** : The mine will work in day time only, so no lighting arrangement will be required.
- **Transport of Men and Material** : Employee will report to the duty on own means. The material from the mine will be transported by trucks / tippers / tractor trollies.
- **Communication** : Mobile phones will be used for communication.
- **Security Arrangements** : Appropriate security arrangement will be made.

5.4 Population Projection

The project will employ most of the workers from nearby villages except for supervisory staff. Thus, there will no increase in population due to the project. However, few people from other areas may migrate in this area for employment and business opportunities.

5.5 Land Use

The mining contract area **200ha** is part of Govt. Waste Land. There is no forest land in the lease area. After excavation of mineral 188.72 ha Govt. waste land will be backfilled and developed as green belt area.

6.0 PROPOSED INFRASTRUCTURE

6.1 Industrial Area (Processing Area)

No industrial area is proposed.

6.2 Residential Area (Non Processing Area)

As the local people will be given employment, no residential area/ housing is proposed.

6.3 Green Belt

After excavation of mineral 188.72 ha Govt. waste land will be backfilled and developed as green belt area. 1000 plant will be done on each ha.

The green belt shall be developed as per approved eco-friendly mine lease plan and as per CPCB guidelines. The project proponent shall also develop greenbelt in the premises of the schools, hospitals and also carry out the avenue plantation in the vacant areas along roads. The greenbelt shall be developed by planting saplings per year. Indigenous species with the consultation of the State Forest Department shall be planted and maintained.

6.4 Social infrastructure

- Road facility (existing roads will be maintained regularly)
- Employment opportunity
- Medical camps
- Social awareness camps
- Donations to schools
- Secondary employment opportunities
- Formation of self help groups for the women in nearby villages

6.5 Connectivity

From the contract area, an unmetalled road joins a metalled road which further joins the nearest state highway.

6.6 Drinking Water Management

Water required for drinking purpose will be obtained through tankers from the nearby available sources.

6.7 Sewerage System

No sewerage system is proposed. However, for sanitation purpose portable toilets will be made available.

6.8 Industrial Waste Management

Not applicable

6.9 Solid Waste Management

Total 682589 m³ overburden will be generated during next 5 years mining proposal same will be stored with proper protection and will be used for reclamation.

6.10 Power Requirement and Supply/Source.

All the activities will be carried out in a mechanized manner with diesel operated machinery. The operation will be done only from sun rise to sun set hence there is no power requirement for the proposed activity.

7.0 REHABILITATION AND RESETTLEMENT (R&R) PLAN

There is no human settlement within the mine contract area. No human settlement will be disturbed due to the mining activity. So, no Rehabilitation and resettlement is proposed.

8.0 PROJECT SCHEDULE AND COST ESTIMATES

8.1 Likely date of start of construction and likely date of completion.

This is an existing project.

8.2 Estimated project cost along with analysis in terms of economic viability of the Project

Total cost of the Project is approximately **Rs. 47.27 Lakhs/-**.

8.3 Viability of the Project

1. Production capacity =15,000TPA
2. Production cost = Rs. 150 per MT + Rs. 125 per MT royalty + Rs. 12.50 per MT DMFT= Rs 287.5
3. Sale value of mineral = Rs. 525 per MT
4. Profit = Sale Value – Production Cost = Rs. 525 – Rs.287.5 per MT = Rs. 237.5 per MT
5. Estimate profit for 1 years= Rs. 237.5x15,000= **Rs. 35,62,500/- (Maximum)**

As stated above, there is possibility that the project may be viable.

8.4 Corporate Social Responsibility Cost:

CER cost will be 3% of total project cost i.e. Rs. 1,41,810. This amount will be used for Promotion of education sanitation and drinking water facility.

8.5 Environment Management Cost

EMP cost will be 4% of total project cost *i.e.* Rs. 1,89,080. This amount will be used for dust suppression, Haul road maintenance and monitoring etc.

9.0 ENVIRONMENTAL MANAGEMENT PLAN

The environmental management plan includes all preventive as well as mitigation measures to minimize impact on environment for the mined out mineral.

9.1 Land Use Pattern

At the end of the life of mine 188.72 ha area will be backfilled and developed as green area.

TABLE:-2 LAND USE PATTREN OF THE LEASE AREA AT THE END OF LIFE OF MINE

| Sr. No. | Particular | As on date Area (in Ha) | After end of 5 th year Area (in Ha) | Till end of the life of mine Area (in Ha) |
|---------|--------------------------|-------------------------|--|---|
| 1 | Pit & Quarry | 22.07 | 28.40 | 188.72 |
| 2 | Infrastructre | 0.01 | 0.01 | --- |
| 3 | Road | 1.80 | 1.80 | --- |
| 4 | Plantation on Fresh Land | 2.31 | 12.31 | 11.28 |
| 5 | Sub Total | 26.19 | 42.52 | 200 |
| 6 | Undisturbed Area | 173.81 | 157.48 | --- |
| | Total | 200 | 200 | 200 |

9.2 Air Pollution Control

Air Pollution: Emission of gases and dust takes place due to movement of vehicles. Spraying of water and plantation along the road side prevents the spread of dust. Plantation also acts as barrier for restricting pollution. Impact on air environment has been assessed taking in to consideration the proposed production and increase emissions. The sources of air pollution are given below:

- Operation of mining machinery/ loading operations.
- Transportation of mineral.

Air pollutants released during production can be checked by:

- Dust suppression system/ water spraying would be adopted at mine working and loading points.
- Excavation operations to be suspended during very strong wind conditions.

- Plantation with wide canopy trees along approach road will help in dust suppression.
- Persons to be provided with dust mask and other personal protective equipments particularly during summer months and dust storm periods.

Transportation

- Regular water spraying on haulage roads during mineral transportation by water sprinklers,
- Avoid over loading of tippers and consequent spillage on the roads,
- Mineral carrying trucks will be effectively covered by tarpaulin to avoid escape of fine dust to atmosphere.
- Air quality will be regularly monitored both in the core zone and the buffer zone.

Controlling of NO₂ level

The source of NO_x is due to vehicular emission. This can be controlled by proper maintenance and servicing of vehicles. Only P.U.C. certificated vehicles will be permitted.

9.3 Water Pollution Control

9.3.1 Surface and Ground Water Management

There is no surface water body within the mining lease area. Thus, there is no localized /concentrated contamination of water from the mining in area.

- The proposed working are far above the general ground water table. No toxic minerals substances and tailing pond located in the area. Thus quality of ground water will not pollute.
- The mining does not have any impact on topography and natural drainage of surrounding area.

9.3.2 Waste Water Management

No waste water will be generated from the mining activity of mineral as the project only involves extraction of Gypsum.

9.3.3 Domestic Sewage Water Management

Domestic waste water will be disposed in soak pits via septic tank.

9.4 Noise Pollution Control

There is no drilling and blasting for mineral extraction. Noise pollution due to transportation will not cause any problem to the inhabitants of this area because there is no human settlement in close proximity to the link roads in lease area. Effective steps will be taken to keep the noise level well below the DGMS prescribed limit of 65 dBA.

Noise control is achieved by the following:

- Proper care and maintenance of the equipments will be carried out.
- Personal protective equipments will be provided to the workers.

9.5 Solid waste Management

Total 67800 m³ overburden will be generated during next 5 years mining proposal same will be stored with proper protection and will be used for reclamation (plantation).

9.6 Socio Economic Improvement

It is proposed that the lessee will spend for social development of the local residents. Under social development of the area, the lessee will donate part of his profit to provide drinking water facility, books to the poor student of the local school and medicines in the local hospital for treatment of the poor people and other social work.

- In the recruitment process of the organization, local people will be given preference.
- Most of the deserving candidates have already been absorbed.
- The management will recruit the skilled and semiskilled workers from the nearby villages thus increasing the social status of the villagers.

- The management will contribute for the overall economy and social development of the area.

9.7 Details of Health Checkup and Insurance of all the Employed Persons

All workers will be subjected to medical examination as per Mines Rule, 1955 both at times of appointment and at least once in five years. Medical camps will be organized for this activity. Insurance of all employees as per the rules will be carried out.

10.0 ANALYSIS OF PROPOSAL (RECOMMENDATIONS)

- Project will create direct and indirect employment opportunities within the surrounding region. Unit will use good faith efforts to employ local people from the nearby villages depending upon the availability of skilled and un-skilled man-power surrounding the project site.
- In this proposed mining project workforce of non-technical and technical persons are required. Migration of highly education and skilled experience will result in increase of literacy in the surrounding villages.
- Assessment of the potential socioeconomic benefits during mining focused primarily on work force requirements, acquisition of supplies, and the temporary increased demand for services related to the mining project like food, housing, communications, law enforcement, medical care, local transportation etc. Due to these, additional revenue to local suppliers for required products and services related to the construction and operation phases of the project will generate.
- Thus, mining activities will provide numerous new, although temporary, work opportunities for both skilled and unskilled labor, as well as contribute significantly to the local economy.
- Additional government revenue expected from royalty, taxes, duties and other fees.

