1.0 EXECUTIVE SUMMARY

This is a mining lease for mineral Marble located near Village- Sankotra, Tehsil- Jamwa Ramgarh District – Jaipur (Rajasthan). The mining lease of Sankotra Marble Mine over an area of 11.7622 ha, near village- Sankotra, Tehsil- Jamwa Ramgarh Distt.- Jaipur, State- Rajasthan. This lease was originally sanctioned in favor of M/s R.K. Marble Pvt. Ltd. The lease was sanctioned by the order of State Government Vide Order dated 14 March, 2002.

The lease agreement executed between state and lessee was duly registered on 14March, 2002.

The lease period of 20 years came into force w.e.f 14 March, 2002. The previous lessee M/s R.K Marble Pvt. Ltd. filed an application on 29 September, 2008 to transfer the title of the lease in favour of M/S Agarwal Marble Craft Pvt. Ltd.

The transfer of title of the lease was sanctioned by the Additional Director Mines, Jaipur Circle, Jaipur vide order November 12, 2008. The transfer agreement was duly registered on November 26, 2008. The lease period extended up to 26.10.2027.

The previous mining scheme was approved on 22.07.2009. The period of previous mining Scheme was 2013-14 and the period of this mining scheme is up to 2018-19.

This project comes under 'A' category. Total Lease area is 11.7622 Ha, hence it comes under jurisdiction of State Government *i.e.* SEAC (State Level Expert Appraisal Committee). But, it attracts the general condition. (Jamwa Ramgarh Sanctury at 500m distance in NE-SW direction) and total M.L area including other mine falling in 500m radius is 55.65 Ha. As per EIA Notification 2006 as per MoEF notification S.O. 1599(E) dated 25th June, 2014. So this project comes under 'A' category. Hence appraisal will be done by Central level, New Delhi.

The mining area is of 11.7622 Ha. Located near Village – Sankotra, Tehsil- Jamwa Ramgarh, District – Jaipur (Rajasthan). Total land of mining lease comes under Government Waste Land. No forest land is involved in this area. Topographically, the area is gently sloped. Toposheet no in which mining lease area lies 54A/4.

Table 1.1 Salient Features of the Mine Site & Surrounding Details

<table>
<tr><th>S.No.</th><th>Particulars</th><th>Details</th></tr>
<tr><td>1.</td><td>M.L. No.</td><td>53/02</td></tr>
<tr><td>2.</td><td>Name of Mineral</td><td>Marble</td></tr>
<tr><td>3.</td><td>Khasra Nos.</td><td>Details of village wise Khasra details are as:
<table>
<tr><th>S.No.</th><th>Name of Village</th><th>Khasra No.</th><th>Total Area in Hectare</th></tr>
<tr><td>1</td><td>Sankotra</td><td>375</td><td>11.7622</td></tr>
</table></td></tr>
<tr><td>4.</td><td>Status of Khasra Land in revenue record</td><td>Govt. Waste land</td></tr>
<tr><td>5.</td><td>Area</td><td>11.7622 ha.</td></tr>
<tr><td>6.</td><td>Latitude & Longitude</td><td>
<table>
<tr><th>Latitude</th><th>Longitude</th></tr>
<tr><td>27° 04' 57.5" N</td><td>76° 10' 58.8" E</td></tr>
<tr><td>27° 05' 57.5" N</td><td>76° 11' 15.6" E</td></tr>
</table></td></tr>
<tr><td>7.</td><td>Near Village</td><td>Sankotra</td></tr>
<tr><td>8.</td><td>Tehsil</td><td>Jamwa Ramgarh</td></tr>
<tr><td>9.</td><td>District</td><td>Jaipur</td></tr>
<tr><td>10.</td><td>State</td><td>Rajasthan</td></tr>
<tr><td>11.</td><td>Toposheet No.</td><td>54A/4</td></tr>
<tr><td>12.</td><td>Description report of Lease area</td><td>
<table>
<tr><th>From</th><th>To</th><th>Bearing</th><th>Distance (Meters)</th></tr>
<tr><td>B Corner Pillar ML 25/60</td><td>A</td><td>180^0</td><td>338 m</td></tr>
<tr><td>A</td><td>P</td><td>270^0</td><td>60 m</td></tr>
<tr><td>P</td><td>Q</td><td>360^0</td><td>100 m</td></tr>
<tr><td>Q</td><td>R</td><td>270^0</td><td>100 m</td></tr>
<tr><td>R</td><td>S</td><td>180^0</td><td>100 m</td></tr>
<tr><td>S</td><td>C</td><td>270^0</td><td>314 m</td></tr>
<tr><td>C</td><td>D</td><td>360^0</td><td>168 m</td></tr>
<tr><td>D</td><td>E</td><td>90^0</td><td>173 m</td></tr>
<tr><td>E</td><td>F</td><td>360^0</td><td>60 m</td></tr>
<tr><td>F</td><td>G</td><td>90^0</td><td>30 m</td></tr>
<tr><td>G</td><td>H</td><td>360^0</td><td>110 m</td></tr>
<tr><td>H</td><td>B Pillar ML 25/60</td><td>90^0</td><td>271m</td></tr>
</table></td></tr>
<tr><td>13.</td><td>Nearest Railway Station</td><td>Nearest railway station is Jatwara Railway Station at a distance of 23.0 km in South direction from the mine site.
Nearest Airport is Jaipur at a distance of 46.0 km in South- West direction from mine site.</td></tr>
<tr><td>14.</td><td>National Park/ Sanctuary</td><td>Yes, Jamwa Ramgarh Sanctury at 500m distance in NE-SW direction).</td></tr>
<tr><td>15.</td><td>Biosphere Reserve</td><td>There is no Biosphere Reserve in the 10 km radii of lease area.</td></tr>
<tr><td>16.</td><td>Heritage</td><td>There is no heritage located in 10 km radii of lease area.</td></tr>
</table>

<table>
<tr><td>17.</td><td>Reserve Forest</td><td>➢ Buchar Bandh RF ~ 1.4 km in NNE direction from mine site.
➢ Patal Bas RF ~ 1.5 km in NNW direction from mine site.
➢ Kanikhor RF ~ 2.8 km in NNW direction from mine site.
➢ Rasoyawala RF ~ 3.6 km in NNE direction from mine site.
➢ Bamani RF ~ 3.8 km in NW direction from mine site.
➢ Kanwar Bas RF ~ 4.20 km in NE direction from mine site.
➢ Kharar RF ~ 5.5 km in WNW direction from mine site.
➢ Dantali PF ~ 5.5 km in NW direction from mine site.
➢ Bamanwati RF ~ 7.0 km in West direction from mine site.
➢ Dogeta RF ~ 7.8 km in NE direction from mine site.
➢ Raisar PF ~ 8.90 km in NW direction from mine site.
➢ Kanikhor PF ~9.6 km in NNE direction from mine site.</td></tr>
<tr><td>18.</td><td>National Highway/State Highway</td><td>➢ National Highway: NH-11A is located at a distance of 2.0 km in SW direction of the mine site.
➢ State Highway: SH-55 is located at a distance of 9.3 km in SE direction of the mine site.
➢ State Highway SH-52 is located at a distance of 20 km in NW direction of the mine site.</td></tr>
<tr><td>19.</td><td>Water Bodies</td><td>➢ Rayanwala Bandh ~ 3.70 km in NE direction from mine site.
➢ Dantali Bandh ~ 5.6 km in NNWdirection from mine site.
➢ Kharar Bandh ~ 5.80 km in NW direction from mine site.
➢ Santhal Sagar ~ 5.90 km in SE direction from mine site.
➢ Arwari Nadi ~ 6.2 km in East direction from mine site.
➢ Banganga Nadi ~ 9.8 km in SW direction from mine site.</td></tr>
<tr><td>20.</td><td>Population and Distance of nearest village</td><td><table><tr><th>Village</th><th>Population</th><th>Male</th><th>Female</th><th>SC</th><th>ST</th></tr><tr><td>Sankotra</td><td>2228</td><td>1155</td><td>1073</td><td>159</td><td>1415</td></tr></table></td></tr>
</table>

2.0 Introduction of the project/background Information

(i) Identification of Project Proponent. In case of mining project, a copy of mining lease /letter of intent should be given.

Project Proponent- The lessee is a private limited company and busy in mining and marketing of marble stone.

Address of the Lessee:

Shri Vinod Kumar Goyal

R/o – B 112, Road No. 9, Vishvakarma Industrial Area, Jaipur

(ii) Brief Description of Nature of Project:

This lease was originally sanctioned in favor of M/s R.K. Marble Pvt. Ltd. The lease was sanctioned by the order of State Government Vide Order dated 14 March, 2002.

The lease agreement executed between state and lessee was duly registered on 14March, 2002.

The lease period of 20 years came into force w.e.f 14 March, 2002. The previous lessee M/s R.K Marble Pvt. Ltd. filed an application on 29 September, 2008 to transfer the title of the lease in favour of M/S Agarwal Marble Craft Pvt. Ltd.

The transfer of title of the lease was sanctioned by the Additional Director Mines, Jaipur Circle, Jaipur vide order November 12, 2008. The transfer agreement was duly registered on November 26, 2008. The lease period extended up to 26.10.2027. Mining of Marble would be carried out by open cast benching method. The bench height will be kept up to 3 meters the width of the bench will be always more than the height. The mining will start from top towards bottom. Mining will be semi-mechanized.

(iii) Need for the project and its importance to the country and region

The state of Rajasthan is endowed with minor and major mineral resources. Minor mineral is playing a pivotal role in economy of Rajasthan. Marble mining in the allotted area is feasible. The state of Rajasthan is endowed with minor and major mineral resources. Minor mineral is playing a pivotal role in economy of Rajasthan. Marble mining in the allotted area is feasible. It is used for its beauty in architecture and sculpture. By this proposed project of Marble mining in the area local people will get employment & thus will make their better living standards, provide basic facilities such as drinking water, road, education and medical etc. in its close vicinity. The state government will get

revenue in the form of royalty, taxes etc. and thus contribute to regional and national economy.

By this proposed project of Marble mining in the area local people will get employment & thus will make their better living standards, provide basic facilities such as drinking water, road, education and medical etc. in its close vicinity. The state government will get revenue in the form of royalty, taxes etc. and thus contribute to regional and national economy.

(iv) Demand and Supply Gap

There is large demand of Marble. Very few rocks have as many uses as marble. It is used for its beauty in architecture and sculpture. It is used for its chemical properties in pharmaceuticals and agriculture. It is used for its optical properties in cosmetics, paint and paper. It is used because it is an abundant, low-cost commodity in crushed stone prepared for construction projects. Marble has many unique properties that make it a valuable rock in many different industries.

(v) Imports v/s Indigenous Production

As the mineral in abundance is available indigenously so the import of the same is not required nor economically feasible being a low cast mineral.

(vi) Export possibility

Export of mineral Marble is feasible. Marble can be sufficiently absorbed in the local market.

(vii) Domestic/Exports Markets

There is always an increasing demand of Marblein domestic markets.

(viii) Employment generation (Direct & Indirect) due to the project

By this mining project of Marble in the area, peoples will get employment. The project directly generates the employment for the local people and indirectly for the others. Also the marketing of the product generates the employment for peoples. By this project, approximately 20 persons will get direct and indirect employment from the Marble mining project

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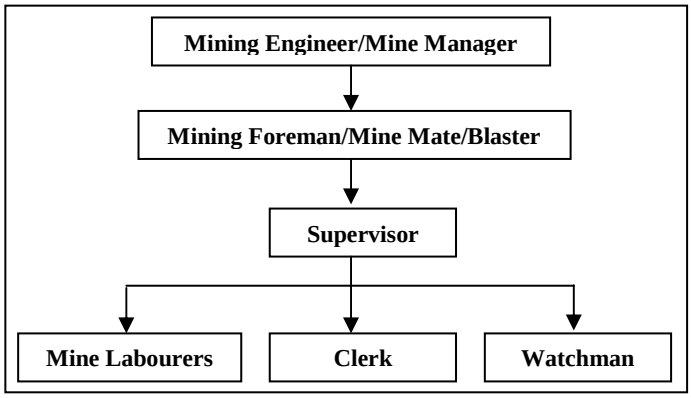


Fig. No. 2.1

3.0 Project Description

(i) Type of Project including interlinked and interdependent projects, if any.

This is a Marble mining project. No other project is interlinked with this mining work.

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

The area has been marked on Toposheet No. 54A/4 including the mining lease location. This comprises the mining location of near village Sankotra, Tehsil-Jamwa Ramgarh, District – Jaipur (Rajasthan).

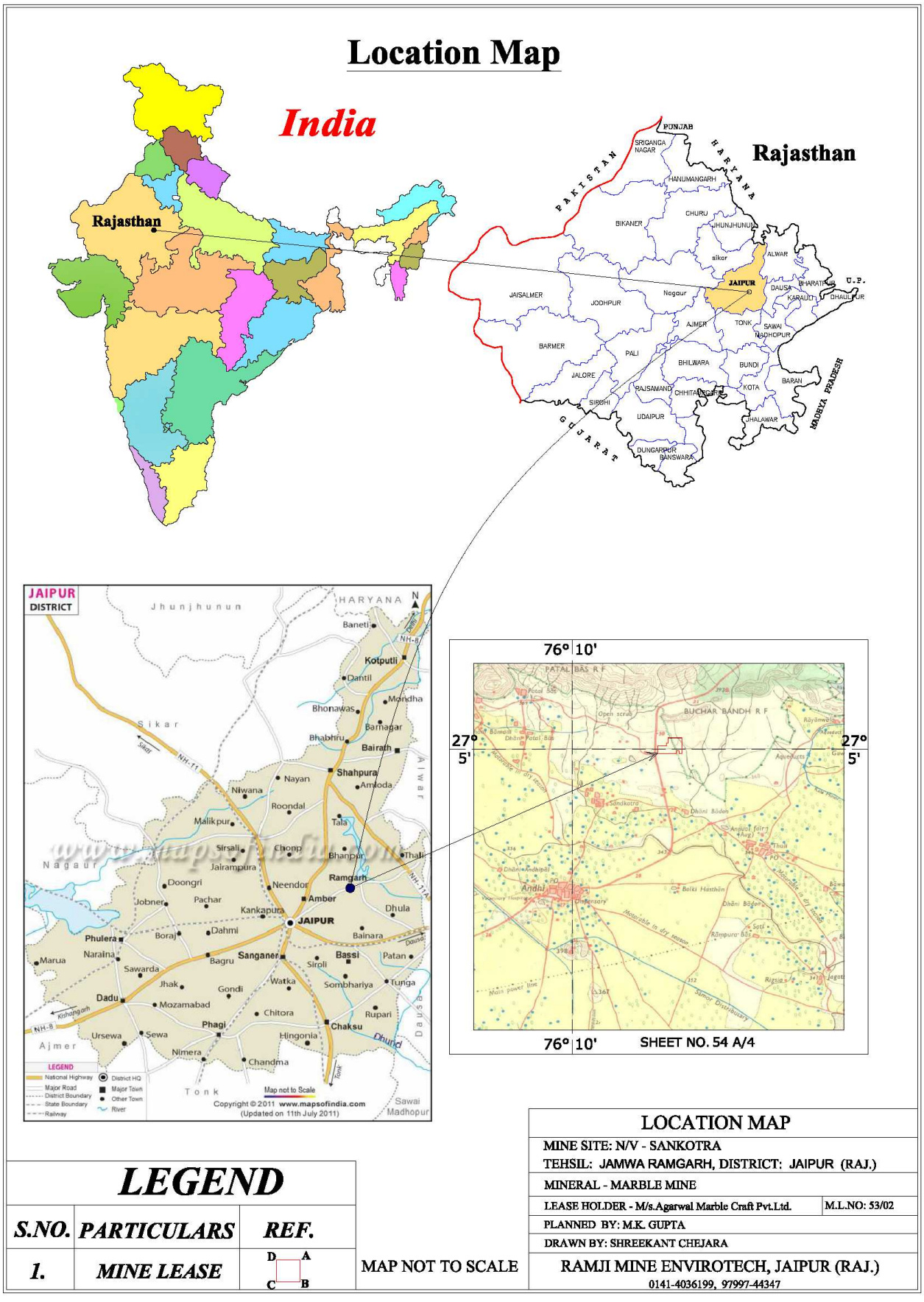


Fig. 3.1 Location map of Lease Area

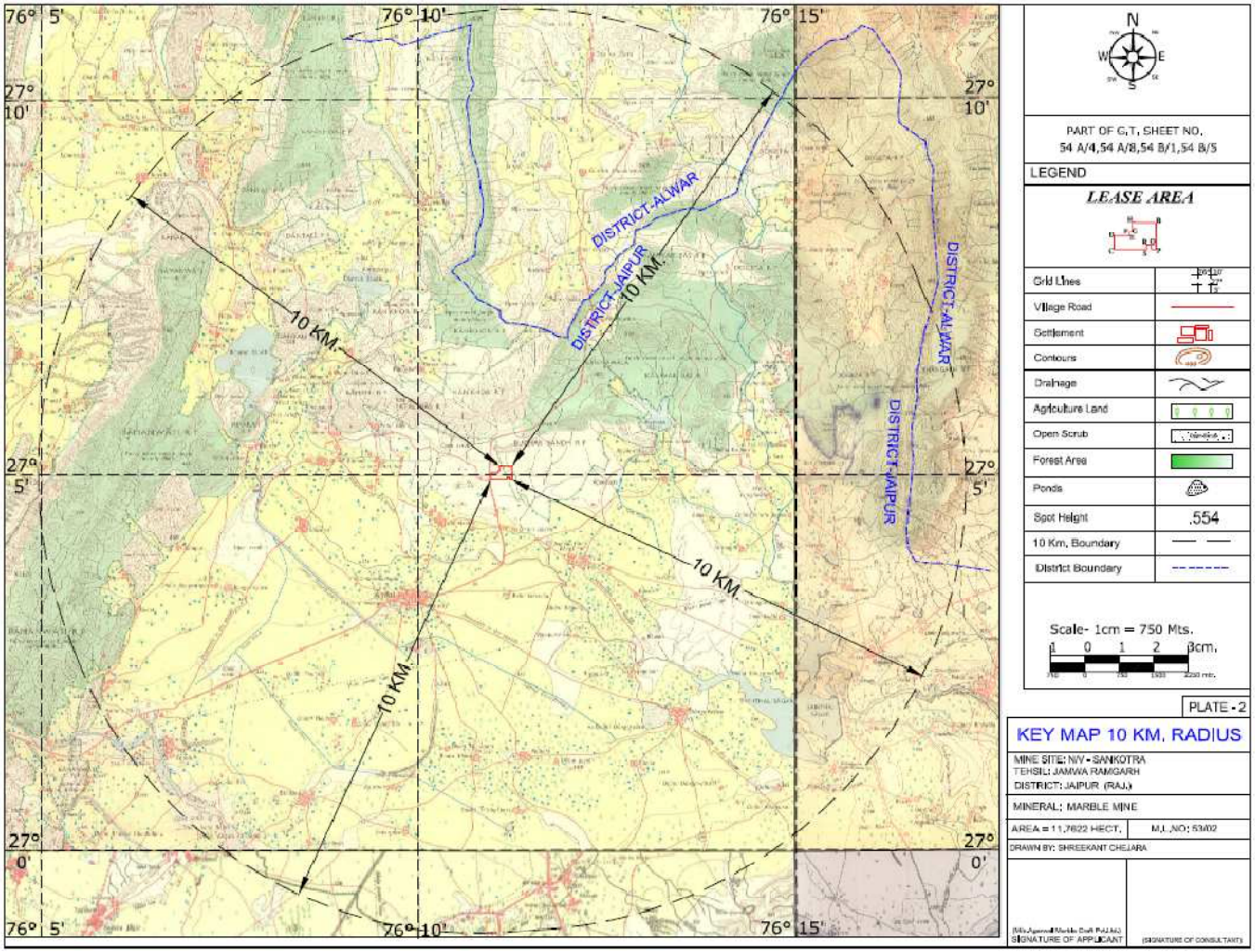
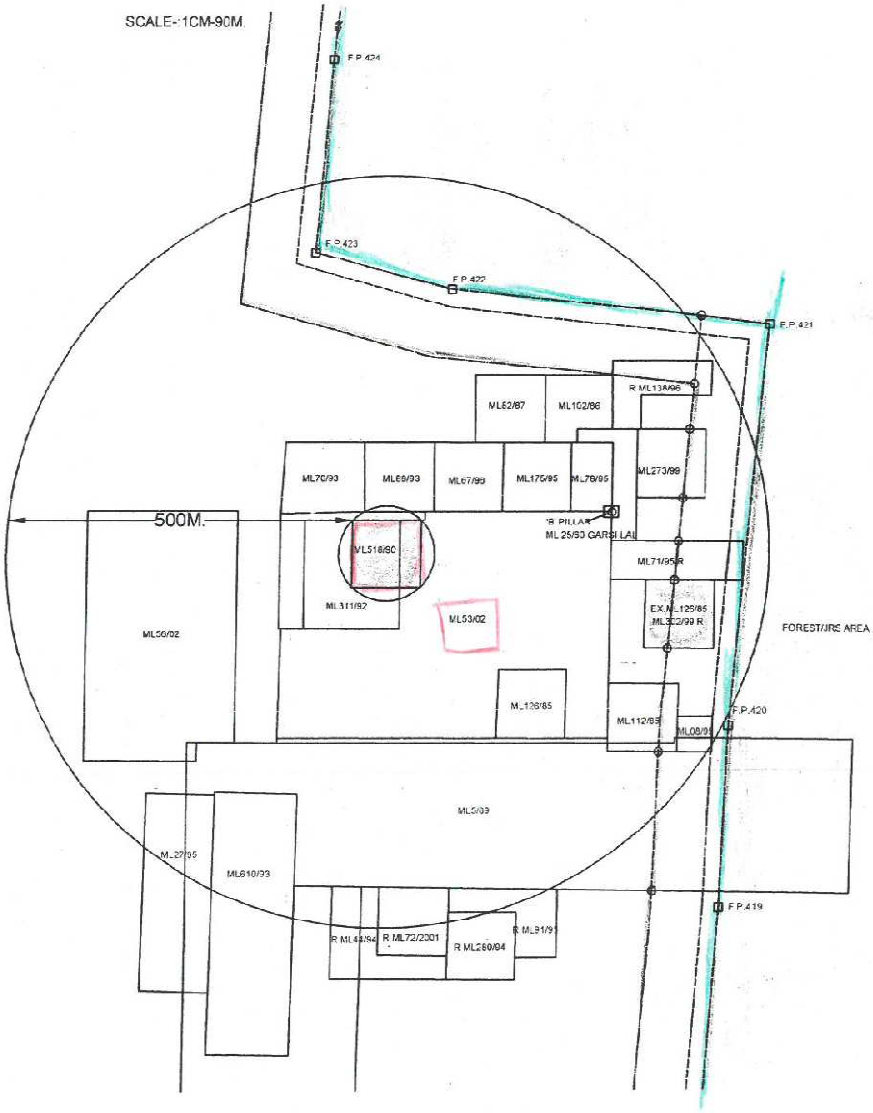


Fig: 3.2 Key Map of The study Area

Fig No. 3.3 500 Mt. Radius Map Showing National Sanctuary

ME/JP/DRG.388/05-2015.

COMPOSITE MAP SHOWING EXISTING ML518/90AREA FALLING IN 500M RADIUS FOR MARBLE NEAR VILLAGE SANKOTRA TEHSIL JAMWARAMGARH DISTRICT JAIPUR,GRAINTED IN F/O M/S RIDHI SIDHI MARBAL.



INDEX:-

1. FOREST/JAMWA RAM GARH SANCTUARY BOUNDARY
2. BUFFER ZONE 100 METRS FROM FOREST /JRS BOUNDARY
3. LITICATED AREA ML 126/85AREA-1.00HECT.
4. EX126/85 AREA-1.00HECT. FALLS IN JRS BOUNDRY IN 100 M.
5. EX518/90 AREA-1.00HECT.

PREPARED BY:- राजेन्द्र सिंह
JR.DRAFTSMAN 1-6-15

खनि अभियन्ता
MINING ENGINEER
JAIPUR M-5.
: 080-008

(iii) Details of alternate sites considered and the basis of selecting the proposed site, particularly the environmental considerations gone into should be highlighted.

No other site has been considered for the proposed project. The land has been allocated by government for the mining only. Site is adequate for Marble mining.

(iv) Size and Magnitude of Operation

The proposed capacity of the project is as: The total amount of reserve of Marble is 31,13,140 Tonne. Total area of mining lease is 11.7622 Ha. Proposed maximum annual targeted production of Marble from the mine will be 1,69,920 TPA.

(v) Project description with process details (a schematic diagram/flow chart showing the project layout, components of the project etc. should be given)

A. Method of Mining

A haul road of gradient maintained 1 in 16 as per MMR 1961 is exists in the mine. Approach roads are provided upto the working pit for movements of laborers and vehicles.

Hydraulic dumpers and tippers will be deployed for transportation of mineral form working to consumers. It is an existing mining lease of Marble and presently mining is being done adopting opencast method.

The Marble horizons are being of soft, compact formation hence drilling & blasting is not required during mining. The excavated Marble horizon will be broken & sorted at the face manually. The Marble will be dispatched to the purchaser. Whereas ultimate pit slope is proposed 45°.

Following machineries will be used for mining of Marble:

Table 1.2 Showing Details of machinery proposed to be used at mine

S.No	Item	Capacity	Quantity
1	Hydraulic Excavator	0.3 or 1.00 cu.	1
2	Jack Hammer	-	As Needed
3	Crane	15 to 20 tonnes	1
4	Tippers	8 T	1
5	Diamond Wire Saw or Chain saw	-	As Needed
3	Hydraulic Jack	-	As Needed
4	Water Tanker	-	1

B. Regional Geology

Recent		Soil
Post-Delhi		Granite, Quartz veins, Pegmatites, Amphibolite (intrusive)
Delhi Super Group	Ajabgarh Group	Schist, Phyllites, Marble and Quartzites
	Alwar Group	Quartzite, Conglomerate and Quartzite
	Raialo Group	Dolomitic Marble and Quartzite

C Local Geology of the area

Recent		Soil
Delhi Super Group	Ajabgarh Group	Amphibolite
	Raialo Group	Marble

D. Year wise annual production of Marble for next five years

Table 1.3 The details of production are as follows

Year	Marble in MT
I	37,750
II	73,220
III	1,10,330
IV	1,31,040
V	1,69,920
Total	**5,22,260**

E. Mineable Reserves and Anticipated Life of the Mine

All in situ reserves will not be possible to mined out as there will be some mineral will be left un-mined i.e. in road barrier, ramp etc. it is assumed about 10% so net mineable reserve will be:

Total mineable reserves = 31,13,140 Tonne

The proposed rate of production for the first five years is 1,69,920 Tonne per annum. Expected life of mine on the basis of proved & probable category of reserves from the present targeted rate of production: 31,13,140/1,69,920 = 20.20 years says 20 years.

F. Conceptual Mining Plan

Conceptual Simplified Mining Scheme is necessary to know the ultimate limit of the pit crust at surface at the end of lease period. It is also necessary to select the sites for waste dump, site service, plantation etc. in such a place that these sites should not get

any disturbance during the life of mine. Considering the aforesaid aspects the conceptual plan as follow:

The final Slope angle adopted

Considering the stability of rocks the final slope angle or says ultimate pit slope is proposed 45°. This slope angle will remain quite safe for these deposits.

Ultimate capacity of dumps:

The waste generated during mining scheme period will be 1,95,300 tonnes. The waste has good market in nearby areas., thus it is proposed the Lessee should take STP to sale the waste material so that minimum land will degrade by Waste dump.

Ultimate pit limit: The highest contour is 361 m RL**.** The Lowest contour is 339 mRL. Proposed deepest working will be far above the ground water table. It will be up to 295 mRL, which is far above the level of ground water table. Thus ground water will not encounter in the workings.

(vi) Raw material required along with estimated quantity, likely source, marketing area of final products/s, Mode of transport of raw Material and Finished Product.

About 5.0 KLD water will be required for Marble mining which will be arranged from nearby villages. About 500 liter diesel will be required daily for Hydraulic Excavator/tippers which will be arranged from nearby petrol pumps. Marble mined out will be transported through trucks & trolley.

(vii) Resource optimization/recycling and reuse envisaged in the project, if any, should be briefly outlined.

Water will be accumulated in the excavated mine out pit area during rains and pits serve as a natural ground water recharge structure. As a result of extraction of mineral, the rate of charging of ground water is likely to be increased considerably. Water collected in the sump will be used in various purposes at mine viz. plantation, dust suppression etc.

(viii) Availability of water its source, Energy/power requirement and source should be given.

Total water requirement in the mine will be about 5.0 KLD for drinking & domestic use, dust suppression and plantation. Drinking water will be brought by water tanker from nearby villages. Diesel will be used in excavator, trolly, tractors, Jack Hammer, Crane etc,

About 500 liter per day is assumed to be consumed. Diesel will be outsourced from nearby diesel pumps. Nearby villages is well electrified.

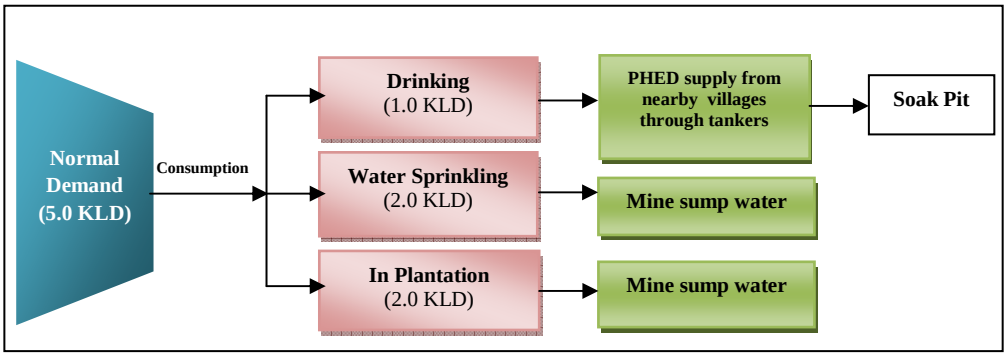


Fig. 4. Water requirement during various purposes at Mine Site

(ix) Quantity of wastes to be generated (liquid and solid) and scheme for their management/disposal

It is a Marble mine. The waste generated during mining scheme period will be Nil.

(x) Schematic representations of the feasibility drawing which give information of EIA purpose

This project attracts the general condition. (Jamwa Ramgarh Sanctury at 500m distance in NE-SW direction) and total M.L area including other mine falling in 500m radius is 55.65 Ha. So Proposed project is of 'A' category mining project, as per EIA Notification 2006 as per MoEF notification S.O. 1599(E) dated 25th June, 2014. 'A' category mining projects are required to obtain EC from EAC, New Delhi, however half yearly monitoring of Air, Water & Noise environment would be periodically carried out and monitoring report would be submitted to MOEF & State Pollution Control Board.

4.0 Site Analysis

(i) Connectivity

The lease area is located near village – Sankotra, Tehsil- Jamwa Ramgarh District – Jaipur (Rajasthan). The lease area is situated about 1.30 km towards East side of the village - Sankotra. Nearest Town is Jamwa Ramgarh is located at a distance of 18.0 km in SW direction from Mine Site. National Highway: NH-11A is located at a distance of 2.0 km in SW direction of the mine site. State Highway: SH-55 is located at a distance of 9.3 km in SE direction of the mine site. State Highway SH-52 is located at a distance of 20.0 km in NW direction of the mine site. Nearest railway station is Jatwara Railway Station at a distance of 23.0 km in South direction from the

mine site. Nearest Airport is Jaipur at a distance of 46.0 km in South- West direction from mine site.

(ii) Land Form, Land use and Land ownership

The area of lease is 11.7622 Ha. Land is Government waste land. The lease area forms part of G.T. Sheet No. 54A/4 No forest land is involved in leased area. Details are given in table below:

Table 1.4 Land Status of Lease Area

Location Near Village	Tehsil	District & State	Status of Land	Khasra No.	Total Lease Area (Ha.)	Period (Year)
Sankotra	Jamwa Ramgarh	Jaipur	Govt. waste land	375	11.7622	30

(iii) Topography (Along with map)

The lease area is plain Land. The general Ground Level of the area is 350 mRL and proposed deepest working is 320 mRL. Maximum part of the applied area is covered Marble. Drainage in the lease area is along slope of the area. General drainage in surroundings. No habitation located near the lease area. Nearest habitation is located in houses in agriculture lands. Nearest village is Sankotra is from mine site.

(iv) Existing land use pattern (agriculture, non-agriculture, forest, water bodies (including area under CRZ), shortest distances from the periphery of the project to periphery of the forests, national park, wild life sanctuary, eco sensitive areas, water bodies (distance from the HFL of the Bajri), CRZ. In case of notified industrial area, a copy of the Gazette notification should be given.

Table 1.5 Existing and End of 5th Year Land Use Pattern

S. No.	Land use Category	Present	5th Year	
1	Area to be excavated	2.50	3.00	-
2	Storage of Soil	0.00	0.01	-
3	Overburden Dump	0.66	0.70	Out Side
4	Mineral Stack	0.01	0.01	Within Pit
5	Infrastructure	0.32	0.32	
6	Roads	0.30	0.35	
7	Green Belt	0.10	0.15	
8	Reclamation	0.00	-	-
9	Total Disturbed Land	3.89	4.54	

10	Total Undisturbed Land	7.8722	7.2222	
	Total	**11.7622**	**11.7622**	

There is no eco-sensitive areas such as National Park, Wildlife Sanctuaries etc. present around lease area.

(v) Existing Infrastructure

Presently there is no infrastructure in lease area.

(vi) Soil Classification

Two third area of the district is covered by hilly terrain. The soils of the district

falls under the following broad categories

• Black Soils

• Yellowish brown soils

• Grayish brown alluvial soils

• Hilly soils

Black soils are found in Pratapgarh, Arnod, Dungla, Kapasan, Begun and

parts Rashmi tehsils. Yellowish brown soils are predominant in Jaipur, Jamwa RamgarhBhopalsagar, Bhainsorgah and Bhadesar panchyat samities. The hilly soils occur in Bhainsorgarh, Begun, Jaipur, Dungla, Chotti Sadri, and Nimbahera Panchayat samities. There are broad stretches of light sandy loam soils along banks of river.

(vii) Climatic data from secondary sources

The weather of district is semi-arid type. Temperatures remain comparatively on the higher end all around the year. The summer season begins from April and continues till July. The temperature rises to an average of 300C. The city experiences monsoon showers in the months of August and September with frequent thunderstorms. District receives over 650 mm of rainfall each year. With pleasant weather in the month of October; November to February, are the months when city observe winters. The temperature ranges in between 5-150 C during this season.

(viii) Social Infrastructure Available

The site is well connected with social infrastructure facilities like road, medical, telephone, telegraph etc. are available in village ,Sankotra and connected with tehsil road.

(A.) Electricity

Electricity facilities are available at all the villages nearby the mine site.

(B.) Water

Drinking water will be bring from Sankotra Village. Besides drinking water, rainy water will be collected in the working pit will be used. The water will brought from villages in tanks.

(C.) Road Transport

The applied lease area is well connected with tar road and kutcha road

(D.) Rail Transport

Nearest railway station is Jatwara Railway Station at a distance of 23.0 km in South direction from the mine site.

(E.) Air Transport

Nearest Airport is Jaipur at a distance of 46.0 km in South- West direction from mine site.

(ix) Health and Educational facilities

Dispensary is available in village Sankotra and Hospital facility is available at Tehsil Jamwa Ramgarh. School, College is available at Tehsil - Tehsil Jamwa Ramgarh. Schools are available in all prominent villages.

5.0 Planning Brief

(i) Planning Concept (type of industries, facilities, transportation etc.) Town and country Planning/Development authority Classification

This is a mining project. Facilities includes such as office building, first aid center, rest shelter, are proposed in the area. The infrastructures, which are not available, will be used for the entire life of the mine. Open cast methods of mining will be adopted. Transportation of mineral shall be done through road by dumpers, trucks. Other facilities such as power, transportation and communication, social infrastructure facilities are locally available near project site.

(ii) Population Projections

The project will employ most of the workers from nearby areas. Local people from nearby villages will be give preference. Thus there will no chance to increase population due to proposed project of Marble mining in the area.

(iii) Land Use planning (breakup along with greenbelt etc.). Approximate land use is as following for life of Mine

Table 1.7 Land use plan of Lease area at the end of the life of mine

(Area in Ha.)

S. No.	Land use Category	Present	5th Year	
1	Area to be excavated	2.50	3.00	-
2	Storage of Soil	0.00	0.01	-
3	Overburden Dump	0.66	0.70	Out Side
4	Mineral Stack	0.01	0.01	Within Pit
5	Infrastructure	0.32	0.32	
6	Roads	0.30	0.35	
7	Green Belt	0.10	0.15	
8	Reclamation	0.00	-	-
9	Total Disturbed Land	3.89	4.54	
10	Total Undisturbed Land	7.8722	7.2222	
	Total	**11.7622**	**11.7622**	

(iv) Assessment of Infrastructure Demand (Physical & Social)

The road facility is already available which shall be used and properly maintained. Preference will be given to local labor from nearby villages. Other requisite infrastructure as transport of mine labours is available by way of jeep; two-wheelers.

(v) Social Infrastructure

Proposed project will provide employment for about 20 people directly and indirectly providing for about 40 which are Shopkeepers, Mechanic, drivers and transporter.

(vi) Amenities/Facilities

Basic amenities/facilities available in nearby villages and towns are such as road, power supply, communication, water supply, medical and health etc. Site is well connected with road and other infrastructure facilities. Nearest post office, telegram and telephone facilities are available at villages.

6.0 PROPOSED INFRASTRUCTURE

(i). Industrial Area (Processing Area)

Facilities includes such as. Site Office, First Aid, Toilet, Rest Shelter are proposed in the lease area.

(ii). Resident Area (Non Processing Area)

No residential area is proposed.

(iii). Green Belt: To improve the environment of the area it is proposed to plant along the lease boundary, waste dump and other un worked area outside the lease area. Around 33% plantation will be carried out during life of mine. During plantation preference will be given to local species of plant. Proper care will be taken during plantation such as watering, manuring & fencing. Plant such as *Acacia senegal* (safed khair), *Azadirachta indica* (Neem), *Cassia fistula* (Amaltas) etc will be planted.

(iv). Social Infrastructure: In social infrastructure, house is made of pucca and kaccha both of type. Tar road is available in near villages. By this proposed Marble mining in the area, provides employment opportunities in the area and this helps to control migration of people of one place to other.

(v). Connectivity (Traffic and transportation Road/Rail/Metro/Water ways etc.)

The lease area is located near village – Sankotra, Tehsil- Jamwa Ramgarh District – Jaipur (Rajasthan). The lease area is situated about 1.30 km towards East side of the village - Sankotra. Nearest Town is Jamwa Ramgarh is located at a distance of 18.0 km in SW direction from Mine Site. National Highway: NH-11A is located at a distance of 2.0 km in SW direction of the mine site. State Highway: SH-55 is located at a distance of 9.3 km in SE direction of the mine site. State Highway SH-52 is located at a distance of 20.0 km in NW direction of the mine site. Nearest railway station is Jatwara Railway Station at a distance of 23.0 km in South direction from the mine site. Nearest Airport is Jaipur at a distance of 46.0 km in South- West direction from mine site.

(vi). Drinking Water Management (Source & supply of water)

Water requirement of 5.0 KLD will be met from nearby villages.

(vii). Sewerage System

No sewerage shall be generated from the project area.

(viii). Industrial Waste Management

No Industrial waste will be generated from the project.

(ix). Solid waste Management

There will be no generation of solid waste. Hence solid waste management is not required.

(x). Power Requirement

Nearby village's area is well electrified, mining machinery will be driven by diesel power for which estimated requirement of diesel will be about 500 liters per day which will be procured from nearby petrol pumps.

7.0 REHABILITATION AND RESETTLEMENT(R&R PLAN)

A. (Policy to adopted (Central State) in respect of the project affected person including home oustees, land oustees and landless labour (A brief outline to be given).

Mining will be carried out in lease area only so no need of rehabilitation and resettlement plan so far.

8.0 PROJECT SCHEDULE AND COST ESTIMATES

(i). (Likely date of start of construction and likely date of completion (time schedule for the project to be given)

Project will commence within 30 days after getting the environmental clearance. It is estimated that about Rs. 20 Lakh will be required for mining machineries, vehicle and infrastructure development etc.

The profit will depend upon the actual production obtained from the mine, which may vary due to demand in market.

POPULATION BENEFITED

About 20 peoples including labours benefited directly and 40 persons will be benefited indirectly.

GOVERNMENT REVENUE

The State Government will get revenue as royalty from selling of mineral, Land Tax/surface rent, Sales Tax/VAT; Income Tax etc. will be addition.

9.0 ANALYSIS OF PROPOSAL (FINAL RECOMMENDATION) CONCLUSION

Marble mining project of M/s Agarwal Marble Craft Pvt. Ltd. at near village-Sankotra, Tehsil–Jamwa Ramgarh District–Jaipur, Rajasthan is of utmost importance to the area for interest of mineral development and improves the socio-economic conditions of the local habitants. The operation of the proposed project of Marble mining will pass on various social and economic benefits to the local communities of the area in addition to the existing benefits due to provide better employment opportunities and improvement in social infrastructure of the area, apart from increased financial benefits accruing to state and central agencies by ways of taxes, royalty, cess etc.