

GOVERNMENT OF ANDHRA PRADESH
DEPARTMENT OF MINES & GEOLOGY :: IBRAHIMPATNAM

Letter No.2038/D13-1/2020

Dated:10-07-2020.

From
V.G.VENKATA REDDY
Director of Mines and Geology
5th Floor, Sri Anjaneya Towers,
Ibrahimpattam, Krishna District.

To
The Principal Chief
Conservator of Forests,
Sankurathri Residency
EVR Gardens, M.G. Inner Ring Road
Agathavarapadu, Guntur 520 509.

Sir,

Sub:- Mines & Quarries - Diversion an extent of 4.900 Hectares of Forest Land in Compt.No.227 of Vengamanayunikandiga R.F Village, Gudipala Mandal, Chittoor West Division, Chittoor District for grant of quarry lease for Black Granite in favour of M/s. Sri Vaishnavi Granites, Proptx: Smt Edavalli Akhila - Forwarding of Statutory Proformas - Submission - Regarding.

Ref:- 1. Quarry Lease application dt.26.01.2019 of M/s. Sri Vaishnavi Granites, Proptx: Smt.Edavalli Akhila.
2. Letter.No.4525/Q1/2019, Dt.20-03-2020 of the Asst. Director of Mines & Geology, Chittoor.

I invite attention to the subject and references cited. Through the reference 1st cited, M/s. Sri Vaishnavi Granites, Proptx: Smt Edavalli Akhila filed an application for grant of Quarry Lease for Black Granite an extent of 4.900 Hectares of Forest Land in Compt.No.227 of Vengamanayunikandiga R.F Village, Gudipala Mandal, Chittoor West Division, Chittoor District. The said application was received by the Asst. Director of Mines and Geology, Chittoor on 26.01.2019.

Through the reference 2nd cited, the Asst. Director of Mines & Geology, Chittoor has submitted 9 sets of Statutory Proformas alongwith Form-P of M/s Sri Vaishnavi Granites, Proptx: Smt. Edavalli Akhila for Black Granite an extent of 4.900 Hectares in Comp.No:227 of Vengamanayunikandiga R.F, Chittoor West Division, Gudipala Mandal, Chittoor District and received the application on 11-09-2019 along with pre-requisites.

In the regard the Asst. Director of Mines & Geology, Chittoor stated that the area has been inspected and the report as follows:-

Location & Approach:-

The quarry lease applied area is falls in Survey of India Toposheet No.57 O/4 and situated towards South of Dalavaipalle Village at an ariel distance of about 0.80 Kms, SSW of Vasanthapuram Village at an ariel distance of about 0.90 Kms, SW of Naraharipeta Village at an ariel distance of about 0.60Kms, and South of Gudipala Village at an ariel distance of 1.60 Km., and SE of Muthuvallur village at an ariel distance of 850Mts.The applied area falls at the juncture of N 13° 05' 05.7120" to 13° 05' 29.7240" latitude and E 79° 07' 36.4080" to 79° 07' 58.2600" longitude.

The applied area can be approached by travelling 15 Km., on Chittoor - Vellore road upto Vasanthapuram Village via Gudipala and from there by taking right diversion towards South west by travelling 600 Mts., and from there by taking left diversion by travelling 500 Mts., on a cart track directly leads to the applied area.

Physiography:

Topographically, the applied area falls in Northern side of the dis-continuous hillocks trending in East-West direction. The hillock relief in applied areas is about 70 to 80 mts. The area covers with thorny bushes and boulders. Boulders and sheet are exposed at places. There are no prominent natural drainage channels in the area.

General Information:

Any rock possessing aesthetic beauty, pleasing colour requisite physical and mechanical properties etc., which can be cut and dressed to required dimension is called dimensional stone. The granite, granite gneiss dolerite, gabbro etc., are important rock types which are commonly exploited as granite dimension stones. Chittoor District is well known for the Granite Cutting and Polishing Industry and was first in the State, where the quarrying for granite was taken up on a commercial scale since the early sixties. Selected bodies of migmatites, grey and pink granite gneissic and dolerite are being quarried for dimension stones. Generally the Black Granite (dolerite dykes) occurs as intrusive body in the peninsular gneissic complex (Granite). Three sets of dolerite dykes traverse in East-West, North-South and NW-SE occurring in the District. The East-West trending dykes are productive in this Sector. The Black Granite is being marketed as "G-20" and is being exported to Italy, Taiwan and Germany. The other varieties of Black Granite like Tiger Black etc., being worked sporadically for domestic consumption. The Black Granite in the District is generally Green based with Augite and andesine in equal proportion. Pyroxene grains are intensively altered. The G-20 is relatively black based in comparison to other dykes.

Regional Geology:-

Geologically the area occupied by rocks of peninsular gneissic complex and major litho units exposed are migmatites and associated granitoids they are grouped under migmatite group of the peninsular gneissic complex. But the older metamorphics namely amphibolites, hornblend quartz mica schist are restricted to Kuppam and southern parts of palamaner. Further dolerite dykes of basic composition are intruded into the migmatite group trending in East - West, NE - SW directions and the geological succession is as follows:-

Archean	Younger Intrusive	Epidote Veins Quartz veins and reefs Veins of alkali feldspar Dolerite / Basalt/Gabbro Dykes Biotite Granite
	Peninsular gneissic complex	Hornblend granite Biotite granite gneiss Hornblend granite gneiss Porphyritic hornblend granite
	Dharwar Super Group	Amphibolite, Hornblend schist

Local Geology:-

Geologically, the applied area belongs to peninsular gneissic complex essentially a low grade metamorphic terrain formed during the Archean times and are intruded by late Archean to early proterozoic mafic dyke swarms. The applied area consists of dolerite dyke striking NW-SE in direction. The width of the dyke is about 80 to 100 mts and a length of 375 to 400 Mts. The applied area is covered with small boulders ranging from 1.5 to 04mts underneath by sheet rock. Mineralogically the dolerite consists of plagioclase feldspar and Augite as essential mineral and olivine, chlorite and Quartz as accessory mineral. Petrology of the area constitutes and exhibits wide variation in their external forms, structural patterns and in their formation. Dykes of basic composition are intruded into the gneisses with preferential emplacement broadly along East-West direction. At some places, the dyke is swelling and pinching. The unaltered part of plagioclase is cloudy due to minute inclusions of magnetite which is a common feature in dolerite dykes intrusive into granulite terrain. The rock available in that area is hard and compact in structure, fine to medium grain in size, black in colour exhibits ophitic to sub-ophitic structure black in colour. The Characteristics Colour, Structure, Texture, Compactness, Cutting & Polishing strength attains usage the same in cutting and polishing purpose. The above factors are commercially viable and may attract export value. Structurally the rock units are jointed and influence in recovery of dimensional stone.

Resource Potential:-

The resource estimates based on data generated during regional survey and tentative assessment based on outcrop study, nature of deposition, structure and other physical features which influence the recovery of dimensional stone and commercial viability. The superficial weathering influence the dolerite rock and defects along fractures and joints limit the recovery of materials.

Based on the outcrop study the length and width of dolerite dyke and approximate reserves of commercially extractable Black Granite at an approximate workable deposits is assessed as detailed below:-

Approx. Area In Sq.mts Length x Width in mts	Approx. Height in mts	Volume in Cum	Average Recovery @ 18 % in cum
375 X 90	20	6,75,000	1,21,500

The quantities may vary subject to consideration of Geological aspects, method of Quarry operation and the usage of machinery. Further it is observed that the particular quality of Black Granite available in the subject Basavapalle R.F area is unique and is not available in any revenue, Patta and other than Forest Lands.

It is submitted that as per the instructions of the Director of Mines and Geology, Ibrahimpatnam the relevant information to be furnished in the Check List for proposal for diversion of Forest land for Non-Forestry use under F.C. Act, 1980 for Mining proposals submitted below:-

A - Information from Department of Mines and Geology		
1	a	The type of deposit available in the applied area is in the form of discontinuous bodies of falling in Forest Lands. The dyke is trending in NW-SE direction as a length of about 375 to 400 mts with a width varying between 80 - 100 mts.
	b	---
	c	No Quarry leases existing in the vicinity of the area - NIL
	d	20 years
	e	Not applicable.
	f	Not applicable.

The assessment of reserves estimated submitting as per approved Mining Plan nearby existing lease holders. The overlapping position within the existing quarry leases and other applied areas furnished in the Surveyor report. Further as per this office records the surveyor has verified and stated that neither overlapping with any existing leased areas nor earlier applications applied areas in force.

Further, the ADM&G, Chittoor reported that the Divisional Forest Officer, Chittoor West Division, Chittoor vide Letter No.Rc.No.1968/2019/To, dt.10.02.2020 while enclosing the report of the Forest Range Officer, Chittoor West Range along with location maps has informed the Asst. Director of Mines & Geology, Chittoor that the joint inspection of the area was conducted on 13-01-2020 and requested to take action as per the guidelines of the Govt. Memo and as per the provisions of the (Conservation) Act, 1980.

The Forest Range Officer, Chittoor Range, Chittoor West Division has conducted technical observations that the applied area along with the officials of Asst. Director of Mines and Geology, Chittoor and the following observations are as follows:-

1	Location details i.e., RF, Beat and Section duly showing on map	: The applied area is located in C.No.223, 227 of Chittapara 'A' RF & Basavapalle (Part) RF of Chittapara Beat of Chittoor West Range. The details are shown on the map and the same is enclosed herewith for kind perusal. The classification details are as follows:- Proposed Mining - 4.60 Hectares Including Dumping area Proposed Road - 0.30 Hectares Total applied area - 4.90 Hectares
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2	Whether the proposed lease area is overlapping with any other mining lease application (diversion proposal).	:	It is submitted that as verified on the ground with reference to the available records in this office the applied area is not overlapping with any User Agencies nor forms the part of the VSS area and it is free legal cases.
3	Whether the area forms part of Wildlife Sanctuary / Elephant Corridor / Tiger Reserve / Biosphere Reserve and presence of sites of historical monuments / archeological importance etc.,	:	The applied area is not falling in Wildlife / Sanctuary / Elephant Corridor / Tiger Reserve / Biosphere Reserve and the area is not having any historical monuments / archaeological importance etc.,
4	Distance from boundary	:	The applied mining area is situated in C.No.223, 227 of Chittapara 'A' R.F. and Basavapalle (Part) R.F and the area is situated 505 Mts to Naraharipeta Village of GudipalaMandal as crow fly distance which is nearer to the location.

The following quarry lease applications are received for Black Granite in Compt.No.227 of Vengamanayunikandiga R.F, Chittoor West Division, Gudipala Mandal, Chittoor District as detailed below:-

Sl. No	Name of the applicant	Date of Receipt of Application	Location	Remarks
1.	M/s.Gracious Granites, Prop: Sri S.W.L.Sathyanandam (F.No.110/Q/2005)	11-01-2005	C.No.227, Chittapara R.F, Gudipala (M) Chittoor West Division, B.G, 4.000Hects	Not overlapping with the present subject area of M/s.SriVaishnavi Granites, Proptx: StmEdavaliAkhila (F.No.4525/Q1/2019). However, the application was rejected vide Procg.No.2757/R5-1/2017, Dt:21-11-2019 by the DM&G, Ibrahimpatnam.
2.	M/s.A.P.Mineral Development Corporation Ltd., (F.No.3498/Q/2005)	25-07-2005	C.No.227, Chittapara R.F, Gudipala (M) Chittoor West Division, B.G, 25.000Hects	Completely overlapping with the present subject area of M/s.Sri Vaishnavi Granites, Proptx: Smt.Edavalli Akhila (F.No.4525/Q1/2019). Subsequently, the applicant co., has submitted representation to this office vide Lr.No.APMDC/BG-3/Chittoor/2005/1508, Dt: 10-12-2019 and duly stating that the proposed area is uneconomical for quarrying of Black Granite as the area is Geologically disturbed and recovery percentage will be less. Hence, the applicant co., has withdrawn the quarry lease application filed on 25-07-2005.

3.	M/s.M&M Stone, Mg.Pt: Sri K.R.Mani, (F.No.3861/Q1/2015)	04-05-2015	C.No.227, Basavapalli R.F, Gudipala (M) Chittoor West Division, B.G, 6.970Hects	Not overlapping with the present subject area of M/s.Sri Vasista Mining, Mg.Pt: Sri B.S.Nithin Kumar Reddy (F.No.554/Q1/2019). However, the application was rejected vide Procg.No.2853/R5-1/2019, Dt:06-09-2019 by the DM&G, Ibrahimpatnam.
4.	M/s.M&M Stone, Mg.Pt: Sri K.R.Mani, (F.No.3862/Q1/2015)	04-05-2015	C.No.223 & 227, Chittapara R.F, Gudipala (M) Chittoor West Division, B.G, 9.970Hects	Not overlapping with the present subject area of M/s.SriVasista Mining, Mg.Pt: Sri B.S.Nithin Kumar Reddy (F.No.554/Q1/2019). However, the application was rejected vide Procg.No.2851/R5-1/2019, Dt: 06-09-2019 by the DM&G, Ibrahimpatnam.
5.	M/s.M&M Stone, Mg.Pt: Sri K.R.Mani, (F.No.4378/Q1/2015)	20-05-2015	C.No.227, Basavapalli R.F, Gudipala (M) Chittoor West Division, B.G, 3.990Hects	Not overlapping with the present subject area of M/s.SriVasista Mining, Mg.Pt: Sri B.S.Nithin Kumar Reddy (F.No.554/Q1/2019). However, the application was rejected vide Procg.No.2850/R5-1/2019, Dt:06-09-2019 by the DM&G, Ibrahimpatnam.
6.	M/s.Sri Vasista Mining, Mg.Pt: Sri B.S.Nithin Kumar Reddy (F.No.554/Q1/2019)	29-01-2019	C.No.223 & 227, Basavapalli R.F &Chittapara R.F, Gudipala (M) Chittoor West Division, B.G, 9.990Hects	Not overlapping with the present subject area of M/s.SriVasista Mining, Mg.Pt: Sri B.S.Nithin Kumar Reddy (F.No.554/Q1/2019). However, the area is recommended for grant.
7.	M/s.Sri Vaishnavi Granites, Prop: Smt.Edavalli Akhila, (F.No.4525/Q1/2019)	09-09-2019	C.No.227, Vengamanayuni kandiga R.F, Gudipala (M) Chittoor West Division, B.G, 4.900Hects	The present subject area is not overlapping with the above said applications at Sl.No.01, 03 to 06. But the said applications has rejected by the DM&G, Ibrahimpatnam and also the above Sl.No.02 is completely overlapping with present subject area. However, the said application has withdrawn the applicant. Hence, the area is free for grant.

The present rate of Royalty fixed by the Government is here under:

Dead rent : Rs.1,30,000/- per Hect/annum.

Seign.fees; @ Rs.3,450/-per cbm on dispatchable blocks exceeding
More than 300 cm x 180 cm sizes

@ Rs.2,875/-per cbm on dispatchable blocks below
Above 270 cm x150 cm & less than 300 cm x 180 cm sizes

@ Rs.2,700/- per cbm ; on dispatchable blocks below
Below 270 cm x 150 cm sizes

@ Rs.1,150/- per cbm; on dispatchable blocks below 75 cms
sizes.

In this connection, It is submitted that the proposals submitted in the instance case are in consonance with the guidelines. All the aspects discussed in the said guidelines cover under the Mining Plan and Statutory permissions like Environment Clearance and Consent for Establishment etc., once the proposal is accepted in Stage-I, the statutory permissions can be obtained by the proponent before stage II clearance. Further it is informed that the applied area is falls inside and adjacent Reserve Forest boundary.

Finally, the Asst. Director of Mines & Geology, Chittoor is requested to the DM&G, Ibrahimpatnam to forward the proposals to the Principal Chief Conservator of Forests, Andhra Pradesh, Guntur for taking further action at their end in accordance with the instructions of the Government and also subject to the satisfaction of APMMC Rules, 1966, GCDR, 1999, Forest (Conservation) Act, 1980 and latest amendments thereon.

Further, the Asst. Director of Mines and Geology, Chittoor issued certificate as per Rc.No.45921/2001/FCA-4, dt:15.06.2015 of Pri. C.C.F. Hyderabad and certified that the Black Granite mineral available in the applied area of M/s Sri Vaishnavi Granites, Proptx: Smt Edavalli Akhila for grant of quarry lease for Black Granite for an extent of 4.900 Hectares in Compt.No.227 of Vengamanayunikandiga R.F Village, Gudipala Mandal, Chittoor West Division, Chittoor District. The Black Granite found in the proposed forest land is very rare in variety and unique displays pearly sheen against dark green back ground which is not yet identified in any non forest lands.

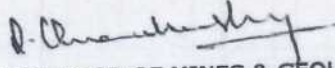
In view of the above circumstances, I forward herewith the statutory proforma in (7) seven sets along with the technical report with a request to process and accord clearance for diversion of forest land for non-forest purpose for grant of Quarry Lease for Black Granite for an extent of 4.900 Hectares of Forest Land in Compt.No.227 of Vengamanayunikandiga R.F Village, Gudipala Mandal, Chittoor West Division, Chittoor District under Section 2 of F.C. Act, 1980 for a period of 20 years infavour of M/s Sri Vaishnavi Granites, Proptx: Smt Edavalli Akhila.

Yours faithfully,
Sd/- V.G.VENKATA REDDY
DIRECTOR OF MINES AND GEOLOGY

Encl: (As above)

Copy to Asst. Director of Mines and Geology, Chittoor.

// ATTESTED //


for DIRECTOR OF MINES & GEOLOGY

