

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

Letter No.3046/D13-1/2020

Dated:10-07-2020.

From
V.G.VENKATA REDDY
Director of Mines and Geology
5th Floor, Sri Anjaneya Towers,
Ibrahimpattanam, 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.200 of Bodabanda R.F Village, Chittoor West Division, Bangarupalem Mandal, Chittoor West Division, Chittoor District for grant of quarry lease for Black Granite in favour of M/s Sri Vasista Mining, Mg.Partner: Sri B.Nithin Kumar Reddy - Forwarding of Statutory Proformas - Submission - Regarding.

Ref:-1. Quarry Lease application dt:30-12-2019 from M/s.Sri Vasista Mining,
Mg.Partner : Sri B.S.Nithin Kumar Reddy.
2. Letter.No.6736/Q1/2019, Dt.15-06-2020 of the ADM&G, Chittoor.

I invite kind attention to the subject and references cited. Through the reference 1st cited, M/s.Sri Vasista Mining, Mg.Partner: Sri B.Nithin Kumar Reddy filed an application for grant of Quarry Lease for Black Granite an extent of 4.900 Hectares of Forest Land in Compt.No.200 of Bodabanda R.F Village, Chittoor West Division, Bangarupalem Mandal, Chittoor West Division, Chittoor District. The said application was received by the Asst. Director of Mines and Geology, Chittoor on 30.12.2019.

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 Vasista Mining, Mg.Partner: Sri B.Nithin Kumar Reddy for Black Granite over an extent of 4.900 Hectares in Compt.No.200 of Bodabanda R.F Village, Chittoor West Division, Bangarupalem Mandal, Chittoor West Division, Chittoor District and received the application on 30.12.2019 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 applied area is situated North-West of Yeguvapathapalli Village at a distance of 700 mts and the area can be approached on Chittoor-Yadamari - Tallamadugu Road section and take right diversion about 350 mts distance of Bommanachenu Village a cart track leads to the applied area at a distance of 700 mts.

Physiography:

Topographically, the applied area falls in one of dis-continuous and elongated hillocks trending in East West direction. The hillocks locally called as Cheekala Dadi Adavi. Topographically the subject area falls in axial portion. The hillock relief applied area is about 85 mts. The area covers with trees, thorny bushes shoulders one exposed in high land forms. The hillock flanks slopping towards North and South directions and showing gentle to steep slopes. There is not prominent natural drainage channels in the area. But the seasonal Nalas are sunming in outside of the applied area.

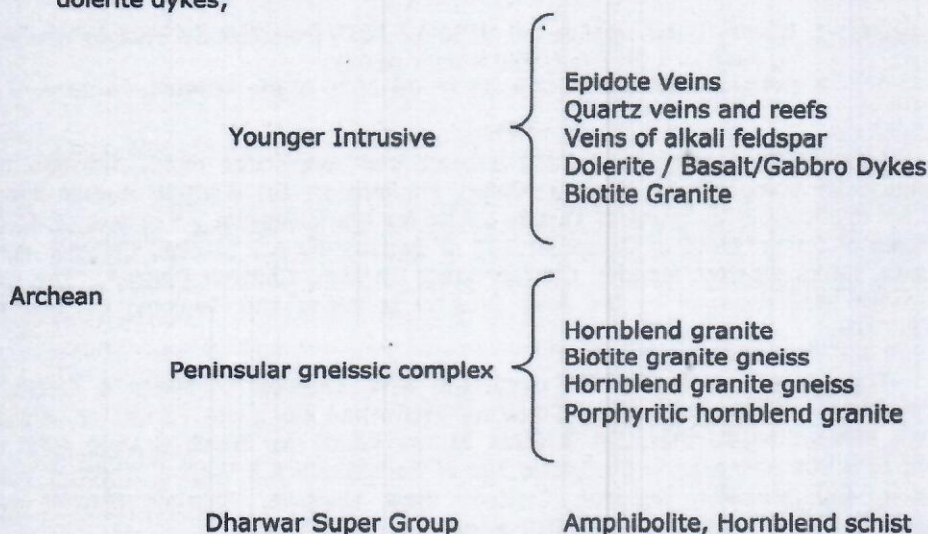
General Information:

Any rock possessing aesthithic 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 ten 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 Gudipala 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 :-

The lease area is a granite hillock traversed by dolerite dykes. The area is a part of Peninsular Gneissic Complex (PGC) of Archean age. The area consists of two dolerite dykes;



Local Geology :-

Geologically the applied area is part of Eastern ghat formation of Archean age group of rocks. Dykes of basic composition are intruded into the gneisses with preferential emplacement broadly along East-West direction. Petrology of Dolerite dyke ranging in composition from Diorite to Basalt and chemically ranges from mafic to ultramafic composition. The dolerite dykes consist of augite, plagioclase, olivine, quartz and opaque minerals. At some places the dyke is swelling and pinching. The average width of the dyke is about 40-50 mts.

Texturally the dolerite is fine to medium grained and equigranular melanocratic rock. The rock unit is made up of sub equal amounts of augite and plagioclase feldspar as major constitution with sub ordinate amounts of opaque, quartz, biotite and sphene. The overall texture is sub-ophitic. Structurally the rock units are jointed and influence in recovery of dimensional stone.

Physically, the dyke represents uniformity in hardness, toughness and brittleness. The Characteristic Colour, Structure, Texture, Compactness, Cutting & Polishing strength attains usage of the same in cutting and polishing purpose The above factors and commercial viability influence the export value. Further it is observed that the particular quality of Black Granite available in the Bodabanda R.F area is not available in any revenue lands and Patta Lands.

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 @ 20 % in cum
450 X 45	35	708750	141750

The quantities may vary subject to consideration of geological aspects, method of Quarry operation and the usage of machinery.

Further, it is submitted that as per the instructions of this office, 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 Revenue and Forest Lands. The dyke is trending in East West direction as a length of about 400 to 500 Kms with a width varying between 30 to 35 mts
	b	---
	C	No Quarry leases in the vicinity of the area.
	d	20 years.
	e	Not applicable.
	f	Not applicable.

The assessment of reserves estimated basing on approved Mining Plan of nearby existing lease holders.

There are some applications filed by different agencies. The overlapping position with the existing quarry leases and other applied areas furnished in the Surveyor report.

The quantity of the available Black Granite in the area is estimated to be about 708750 cubic meters. The recovery rate of extractable Black Granite blocks out of the estimated quantity is about 20%. Accordingly the estimated availability of sizeable blocks of the Black Granite may be about 141750 cubic meters. This type of black granite is available only in this area and it is unique one and not available other than Forest area.

Further, the Asst. Director of Mines and Geology, Chittoor reported that the Divisional Forest Officer, Chittoor West Division, Chittoor while enclosing the report of the Forest Range Officer, Chittoor West Range along with location maps and requested his office 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 made the following technical observations in his Rc.No.19/2020, Dt:22-05-2020.

1	Location details i.e., RF, Beat and Section duly showing on map	: The applied area is located in C.No.200 of Bodabandla of Bodabanda 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 - 4.81 Hectares Including Dumphing area Proposed Road - 0.18 Hectares Total applied area - 4.990 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.200 of Bodabandla R.F / Beat and the area is situated 1474 Mts to Patrapalle Village of Yadamari Mandal as crow fly distance which is nearer to the location.

Further, the Asst. Director of Mines & Geology, Chittoor reported that his office Surveyor reported that the following quarry lease applications were received for Black Granite in Compt.No.200 of Bodabanda R.F, Chittoor West Division, Bangarupalem Mandal, Chittoor District as detailed below :-

Sl. No	Name of the applicant	Date of Receipt of Application	Location	Remarks
1.	M/s.Aruna Granites, Mg.Pt: Sri Y.Ramanarayana Reddy (F.No.1962/Q/2008)	19-03-2008	C.No.200, Bodabanda R.F, Bangarupalem (M) Chittoor West Division, B.G, 4.000 Hects	Not overlapping with the present subject area of M/s.Sri Vasista Mining, Mg.Pt: Sri B.S.Nithin Kumar (F.No.6736/Q1/2019). However, this office has submitted grant proposal to the DM&G, A.P and same was returned to this office vide Memo.No.38363/R5-1/2012, Dt: 16-10-2016 by the DM&G, A.P.
2.	Sri K.Damodaran (F.No.6649/Q/2008)	14-11-2008	C.No.200, Bodabanda R.F, Bangarupalem (M) Chittoor West Division, B.G, 4.750 Hects	Not overlapping with the present subject area of M/s.Sri Vasista Mining, Mg.Pt: Sri B.S.Nithin Kumar (F.No.6736/Q1/2019). However, the quarry lease was rejected by the DM&G, A.Pvide Procg.No.43215/R5-1/2008, Dt: 05-05-2012.
3.	M/s.Vikas International, Prop: Sri T.Shankar, (F.No.282/Q1/2011)	18-01-2011	C.No.200, Bodabanda R.F, Bangarupalem (M) Chittoor West Division, B.G, 4.000 Hects	Not overlapping with the present subject area of M/s.Sri Vasista Mining, Mg.Pt: Sri B.S.Nithin Kumar (F.No.6736/Q1/2019).
4.	M/s.Noorjaha Granites, Prop: Sri B.Kabeer, (F.No.5755/Q1/2014)	06-08-2014	C.No.200, Bodabanda R.F, Bangarupalem (M) Chittoor West Division, B.G, 4.900 Hects	Not overlapping with the present subject area of M/s.Sri Vasista Mining, Mg.Pt: Sri B.S.Nithin Kumar (F.No.6736/Q1/2019). However, the quarry lease application was rejected vide Procg.No.192436/R5-1/2016, Dt:12-04-2016.

5.	M/s.S.S.Granites, Prop: Sri P.Suryanarayana Reddy, (F.No.366/Q1/2016)	20-01-2016	C.No.200, Bodabanda R.F, Bangarupalem (M) Chittoor West Division, B.G, 9.500 Hects	Not overlapping with the present subject area of M/s.Sri Vasista Mining, Mg.Pt: Sri B.S.Nithin Kumar (F.No.6736/Q1/2019).
6.	Sri R.Gandhi, (F.No.2752/Q1/2016)	06-04-2016	C.No.200, Bodabanda R.F, Bangarupalem (M) Chittoor West Division, B.G, 4.900 Hects	Not overlapping with the present subject area of M/s.Sri Vasista Mining, Mg.Pt: Sri B.S.Nithin Kumar (F.No.6736/Q1/2019).
7.	M/s.Sri Vasista Mining, Mg.Pt: Sri B.S.Nithin Kumar Reddy, (F.No.6736/Q1/2019)	30-12-2019	C.No.200, Bodabanda R.F, Bangarupalem (M) Chittoor West Division, B.G, 4.990 Hects	The present subject area is not overlapping with the above shown Sl.No's.1 to 06. Hence the area is recommended 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 despatchable blocks exeeding
More than 300 cm x 180 cm sizes
@ Rs.2,875/-per cbm on despatchable blocks below
Above 270 cm x150 cm & less than 300 cm x 180 cm sizes
@ Rs.2,700/- per cbm ; on despatchable blocks below
Below 270 cm x 150 cm sizes
@ Rs.1,150/- per cbm; on dispatchable blocks below 75 cms sizes.

It is submitted that the Director of Mines & Geology, A.P., vide Circular Memo No.12626/P/2015, dt:24-06-2015 communicated guidelines circulated from Forest Department in Rc.No.45921/2001/FCA-4, dt:15-06-2015 for submission of proposals in tune with the guidelines issued under Forest Conservation Act, 1980 in respect of diversion of Forest lands for Mining purpose. 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 Vasista Mining, Mg.Partner: Sri B.Nithin Kumar Reddy for grant of quarry lease for Black Granite for an extent of 4.900 Hectares in Compt.No.200 of Bodabanda R.F Village, Chittoor West Division, Bangarupalem 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.

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In view of the above circumstances, I forward herewith the statutory proformae 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.200 of Bodabanda R.F Village, Chittoor West Division, Bangarupalem 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 Vasista Mining, Mg.Partner: Sri B.Nithin Kumar Reddy.

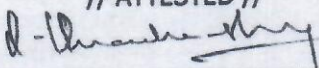
Yours faithfully

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

