

**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

From
Sri N. Prateep Kumar, IFS.,
Prl. Chief Conservator of Forests &
Head of Forest Force,
Andhra Pradesh,
Guntur - 522 004.

To
The Spl.Chief Secretary to the
Government,
Environment, Forests, Science &
Technology Department,
Andhra Pradesh, Velagapudi,
Amaravati - 522 503.

Ref. no. EFS02-15029/22/2020-FCA SEC-PCCF/FCA-1,
Dated:11/03/2022.

Sir,

Sub APFD - F (C) Act, 1980 - Diversion of 9.88 ha of forest land (mining - 8.60 ha, Safety zone -1.26 ha and Road - 0.02 ha) falling in Compartment no.223 & 227 of Chittapara and Basivipalli RFs, Chittoor West Range, Chittoor West Division & Chittoor District in favour of M/s. Sri Vasista Mining (Mg. Partner - Sri B.Nithin Kumar Reddy) for grant of quarry lease for Black Granite - Additional information requested - Submitted - Reg.

Ref: 1. Govt. Memo.no.1216/Section.II)/2021/(1453076), EFS&T (S.II)
Dt.31.12.2021.
2. DMG, A.P, Ibrahimpatnam, Lr.no.2107/D13-1/2020, dt. 28.09.2021
& 14.02.2022.
3. CCF, Ananthapuramu Circle, Ananthapuramu, Rc.no.512/2020/TO,
dt.18.02.2022.

~x~

Kind attention is invited to the reference 1st cited, wherein the Government have requested to furnish following additional information in respect of the proposal for diversion of 9.88 ha of forest land (mining - 8.60 ha, Safety zone -1.26 ha and Road - 0.02 ha) in Compartment no.223 & 227 of Chittapara and Basivipalli RFs, Chittoor West Range, Chittoor West Division & Chittoor District in favour of M/s. Sri Vasista Mining (Mg. Partner - Sri B.Nithin Kumar Reddy) for grant of quarry lease for Black Granite.

1. Details of alternative explored along with map;
2. Details of other mining leases with their capacity and average annual production and projected future requirement;
3. Modified approved mining plan correcting all discrepancies and indicating actual extent of area of mining and dumping purpose separately within 8.60 ha earmarked for the same.

The Director of Mines & Geology, A.P, Ibrahimpatnam and the Chief Conservator of Forests, Ananthapuramu Circle, Ananthapuramu in the references

2nd and 3rd cited respectively, have furnished the additional information. The details of additional information is as follows;

1. Details of alternative explored along with map;

Reply:- The Director of Mines & Geology, A.P, Ibrahimpatnam has submitted that, generally the Black Granite (Dolerite Dyke) occurs as intrusive body in the peninsular gneissic complex. The East - West trending dykes are productive in this sector. The Black Granite found in the proposed forest land is very rare in variety and unique displays pearly sheen against the green back ground which is not yet identified in any non-forest lands. The Black Granite available in this area is being marketed as G-20 and exported to Italy, Taiwan and Germany and fetches good revenue to Government. As per as Granite mineral concern, the nature of deposition, structure and other features influence the recovery of dimensional stone and commercial viability. Further it is observed that particular quality of black granite available in Basavapalli and Chittapara RFs is not available in any revenue lands and patta lands. This G-20 variety in Black Granite is not available anywhere in the State except Chittoor District. The quality and use of granite depend upon it granularity, colour, presence of structural elements, inclusion, brittleness, chemical and mineralogical composition and hence we can't compare with other granite varieties available in other places and also there is not alternative granites to G-20 variety.

2. Details of other mining leases with their capacity and average annual production and projected future requirement;

Reply:-

Name of the mineral	No.of existing leases	Total capacity of existing leases (in Cbm)	Average Annual Production (in Cbm)	Future requirement of mineral (Cbm)	Present requirement per annum (in Cbm)
Black Granite (G-20 variety)	16	79,879	12,500	2,00,000	1,00,000

3. Modified approved mining plan correcting all discrepancies and indicating actual extent of area of mining and dumping purpose separately within 8.60 ha earmarked for the same.

Reply:- The CCF, Ananthapuramu Circle, Ananthapuramu in the reference has submitted modified mining plan in (3) sets, approved by the Deputy Director of Mines & Geology, Chittoor in Rc.no.121/MMP/BG/CTR/2022, dt.27.01.2022 for a period of (5) years.

In the modified mining plan, at Sl.no.3 of Progressive Mine Closure Plan, the Deputy Director of Mines & Geology, Chittoor has stated that, by the end of first (5) years plan period, about 1.678 ha of mining block would be used for mining including for site services & internal roads. Balance mining block area of about 1.6179 ha would be used for waste dumping including retaining wall and garland drain. By the end of the life of mine about 5.5592 ha would be used for mining activity and 3.0408 ha will be used for waste dumping purposed. **No back filling is proposed in this lease period because the mineral available at the bottom to be excavated in the next lease period.** The Deputy Director of Mines & Geology, Chittoor has also stated the land use pattern for the first (5) years plan period and remaining life of the mines, as below.

Sl. no.	Head	Forest area required for entire lease period (ha)	Forest area required for 1 st five year plan period	Total area remains unutilized after 1 st five years.
1	2	3	4	5 (3-4)
1.	Area under mining which included small portion of area for site services like first aid etc and internal roads which will be in temporary in nature and shifted / made as per the convenient)	5.5592	1 st year: 0.4490 2 nd year:0.2952 3 rd year:0.2952 4 th year:0.3320 5 th year:0.3066 Total area: 1.6780	3.8812
2.	Area for waste dumping which includes retaining wall & garland drain	3.0408	1.6179	1.4229

	Sub-total:	8.60		
3.	Mineral storage	0.00	0.00	0.00
4.	Approach road to mining block	0.02	0.02	0.00
5.	Railways	0.00	0.00	0.00
6.	Tailing pond	0.00	0.00	0.00
7.	7.5 m safety zone around mining block	1.26	1.26	0.00
	Grand Total:	9.88	4.5759	5.3041

Further, the Deputy Director of Mines & Geology, Chittoor has also stated that, during the life period, the quarry working would cover an area of 5.5592 ha to a maximum depth of 44 m from the top of the hill. The dumping would cover an area of 3.0408 ha. The mineral available at the bottom of the working pit would be excavated in the next lease period.

The additional information submitted by the Director of Mines & Geology, A.P, Ibrahimpatnam and the Chief Conservator of Forests, Ananthapuramu Circle, Ananthapuramu is submitted herewith.

The Government are requested to consider the additional information and forward the same to the Government of India, MoEF&CC, IRO, Vijayawada for taking necessary action in the matter.

Encl:- As above.

Yours faithfully,
N Prateep Kumar Ifs
 Prl.Chief Conservator of Forests &
 Head of Forest Force

Copy to the Chief Conservator of Forests, Ananthapuramu for information.

Copy to the Divisional Forest Officer, Chittoor West for information.

Copy to the Managing Partner (B.S.Nithin Kumar Reddy), M/s. Sri Vasista Mininig, Sri Vasista Apurva, 8-2-350/3/2, 501, Road No.3, Banjara Hills, Hyderabad for information.

Receipt No: 5557786

No - 1791

**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

From
Sri.P. S. Srinivasa Sastry ,IFS.,
Chief Conservator of Forests
Anantapuramu Circle
Anantapuramu.

To
✓ The Prl.Chief Conservator of Forests,
(Head of Forest Force) Andhra Pradesh
AranyaBhavan, K.M. Munshi road,
Nagarapalem, Guntur.

Rc.No.512/2020/TO, Dated: 18.02.2022

FCA
Sir,

Sub	: APFD - F.C.Act. 1980 - Proposals for diversion of 9.88 Ha. Forest Land in Compt. No.223 & 227 of Chittapara & Basavapalli RFs in Chittapara beat of Chittoor West Division, Gudipala Mandal, Chittoor District filed by M/s. Sri Vasista Mining, Nandyal, Kurnool District Managing partner: B.S. Nithin Kumar Reddy- Approved mining plan (modified) - submission of - Reg.
Ref	: 1. PCCF & HoFF, AP, Guntur Rc.No. EFS02-15029/23/2020/FCA-1, dt.27.04.2021. 2. PCCF & HoFF, AP, Guntur Rc.No. EFS02-15029/23/2020/FCA-1, dt.19.09.2021. 3. DFO, Chittoor West Rc. No. 351/2020/TO, dated: 12.10.2021 4. This Office Rc. No. 512/2020/TO, dated: 14.10.2021 5. PCCF & HoFF, AP, Guntur Rc.No. EFS02-15029/23/2020/FCA-1, dt.23.10.2021 6. DFO, Chittoor West Rc. No. 351/2020/TO, dated: 5.2.2022 (Received on 16.2.2022)

In continuation to this office reference 4th cited, it is submitted that, the Divisional Forest Officer, Chittoor West in the reference 6th cited has submitted approved mining plan(modified) obtained from the User Agency M/s. Sri Vasista Mining, Nandyala, Kurnool District Managing partner: B.S. Nithin Kumar Reddy stating that, the User Agency has submitted approved mining plan obtained from the Deputy Director of Mines & Geology, Chittoor in Rc. No. 121/MMP/BG/CTR/2022, dated: 27.01.2022 with validity for (5) five years for diversion of forest land for grant of quarry lease for black granite over an extent of 9.88 Ha. Forest Land in Compt. No.223 & 227 of Chittapara & Basavapalli RFs in Chittapara beat of Chittoor West Division, Gudipala Mandal of Chittoor West Range in Chittoor West Division

The approved mining plan (modified) is submitted in (3) three sets for favour of kind information and necessary action.

Encl: Approved Mining Plan in (3) sets

Yours faithfully,
Sd/- P.S. Srinivasa Sastry
Chief Conservator of Forests,
Anantapuramu Circle
Anantapuramu.

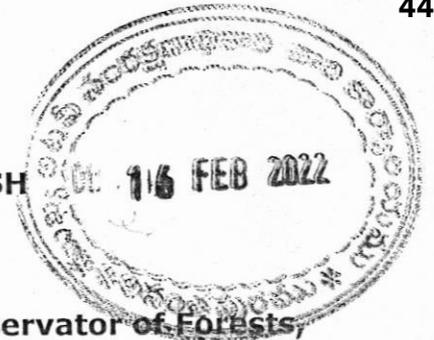
Copy to the Divisional Forest Officer, Chittoor West for information necessary

Copy to M/s. Sri Vasista Mining, Nandyala, Kurnool District for information.

// t.c.b.o //

S. Humbar
Technical Officer

GOVERNMENT OF ANDHRA PRADESH
Forest Department



From
Sri S. Ravi Shankar, SFS.,
Divisional Forest Officer,
Chittoor West Division, Chittoor.

To
The Chief Conservator of Forests,
Ananthapuramu Circle,
Ananthapuramu.

Rc.No. 351/2021/TO, Dated:05.02.2022.

Sir,

Sub	:	APFD – F.C.Act. 1980 – Proposals for diversion of 9.88 Ha. Forest Land in Compt. No.223 & 227 of Chittapara & Basavapalli RFs in Chittapara beat of Chittoor West Division, Gudipala Mandal, Chittoor District filed by M/s. Sri Vasista Mining, Nandyal, Kurnool District Managing partner: B.S. Nithin Kumar Reddy– Proposal submitted for stage-I clearance-Further report called for–Report submitted- Reg.
Ref	:	<ol style="list-style-type: none"> 1. PCCF(HoFF), AP, Guntur Rc.No.EFS02-15029/22/2020/FCA-1, dt.08.04.2021. 2. This office Rc.No.351/2019/TO, dt.10.06.2021. 3. Chief Conservator of Forests Anantapuram Rc.No.512/2021/TO, dt.16.06.2021. 4. Prl. Chief Conservator Forests(HoFF), AP., Guntur Rc.No. EFS02-15029/22/2020-FCA.1, dt: 03.08.2021 & 23.10.2021 5. M/s. Sri Vasista Mining, Nandyal, Kurnool District Letter dsted.02.02.2022.

In compliance of the instructions of PCCF in the reference 4th cited, it is submitted that vide reference 5th cited, the UA/ M/s. Sri Vasista Mining, has obtained and submitted the approved mining plan (modified) from the Deputy Director of Mines & Geology, Chittoor in Lr.No.121/MMP/BG/CTR/2022, dt.27.01.2022 with validity for five (5) year for the diversion proposals for grant of quarry lease for black granite over an extent of 9.88 Ha. Forest Land in Compt. No.223 & 227 of Chittapara & Basavapalli RFs, Chittapara beat in Gudipala Mandal of Chittoor West Range.

In view of the above, the approved mining plan(modified) is submitted herewith in four (4) sets for considering and submitted to the Principal Chief Conservator of Forests(HoFF), AP, Guntur for granting of mining lease in favour of M/s. Sri Vasista Mining, Nandyal, Kurnool District.

This is submitted for favour of kind information and necessary action.

Encl: Approved mining plan in (4) sets

Yours faithfully,
Sd/- S. Ravi Shankar,
Divisional Forest Officer,
Chittoor West Division, Chittoor.

Copy to M/s. Sri Vasista Mining, Nandyal, Kurnool District, for necessary action.

GOVERNMENT OF ANDHRA PRADESH
DEPARTMENT OF MINES AND GEOLOGY

From
Sri P.Prakash Kumar, M.Sc.,
Deputy Director of Mines & Geology (FAC),
CHITTOOR.

To
M/s.Sri Vasista Mining,
Mg.Ptnr:Sri B.S.Nithin Kumar Reddy,
8-2-350, Banjara Hills Road,
No.3, Hyderabad-500034.

Lr.No.121/MMP/BG/CTR/2022, dt:20-01-2022

Sir,

Sub: Mines & Minerals - Application of Modified Mining Plan filed by M/s.Sri Vasista Mining, Mg.Ptnr:Sri B.S.Nithin Kumar Reddy for Black Granite over an extent of 9.880 Hectares in Compartment No.223 & 227 of Chittapara & Basavapalli RF, Chittoor West Division, Gudipala Mandal in Chittoor District - Approved - Regarding.

- Ref: 1. Lr.No.2584/MP/BG/CTR/2021, dated:06.10.2021 of the Deputy Director of Mines and Geology, Chittoor.
2. Draft Modified Mining Plan submitted on 17.01.2022 filed by M/s.Sri Vasista Mining, Mg.Ptnr:Sri B.S.Nithin Kumar Reddy.
3. This office Letter No.121/MMP/BG/CTR/2022, dt:20.01.2022.
4. Letter dated:27.01.2022 along with 5 sets of fair Modified Mining Plan from the Applicant/RQP.

In exercise of the powers conferred by the Government of Andhra Pradesh, through the reference 1st cited and in view of Circular Memo issued by the Director of Mines & Geology, Ibrahimpatnam. I hereby approve the Modified Mining Plan for the period of Five (05) years in respect of precise area for Black Granite over an extent of 9.880 Hectares in Compartment No.223 & 227 of Chittapara & Basavapalli RF, Chittoor West Division, Gudipala Mandal in Chittoor District filed by M/s.Sri Vasista Mining, Mg.Ptnr:Sri B.S.Nithin Kumar Reddy under Rule 16 (3) of Granite Conservation Development Rules, 1999.

This approval is subject to the following conditions.

1. This Modified Mining Plan is approved without prejudice to any other laws applicable to the quarry lease from time to time whether such laws are made by the Central Government, State Government or any other authority.
2. It is clarified that this approval of the Modified Mining Plan does not in any way imply the approval of the Government in terms of any other provisions of the Mines and Minerals (Development and Regulation) Amendment Act, 2015 and any other laws including the Forest Conservation Act, 1980 and APMMC Rules, 1966.
3. *It is further clarified that the approval of the modified mining plan is subject to the provisions of the Forest Conservation Act, 1980 and Forest conservation rules, 2003 and other relevant statues, orders and guidelines as may be applicable to the lease area from time to time.*
4. *This office has not undertaken verification of the quarry lease boundary on the ground and does not undertake any responsibility regarding correctness of the boundaries of the lease hold should on the ground with reference to the lease map and other plans furnished by the applicant.*

Cont..2

-2-

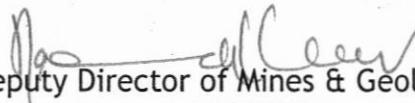
5. The Q.L. area is as shown on the statutory plans by the applicant is certified by the competent authority with GPS readings of the boundary points of the lease and this office has not under taken the ground truth verification of the quarry lease boundary and pillars on the ground.
6. The approval authority does not owe responsibility with regard to recovery factor of **Black Granite** and assessment of reserves, any erroneous certification made by the R.Q.P. if any, since the evaluation is done on random basis.
7. The Modified Mining Plan is approved subject to strictly adhering to the relevant Regulations of MMR, 1961 and obtaining prior permission from the Director General Mines Safety whenever and wherever it is required.
8. The applicant/lessee shall safeguard the structures, public buildings, roads, railway line, electric line and water bodies exists if any as per regulations 109 & 127 of MMR, 1961.
9. The approval authority does not owe responsibility with regard to erroneous certification made by the R.Q.P if any and approval is tentative subject to modification of new findings at a later date as per the provisions of Rules inforce, since the evaluation is done on random basis.
10. The proposals contained in the approved Modified Mining Plan shall be applicable from the date of execution of the lease and for the mining activities to be carried out within the lease hold area as per the approved mining plan only.

If anything is found to be concealed as required by the Mines Act in the contents of the approved Mining Plan and the proposal for rectification has not been made or if at later stage the information furnished in the document to be incorrect or misrepresentation of facts, the approval shall be revoked with immediate effect.

NB: This approval become null and void if it found grossly inequitable, made under a mistake of fact, owing to the mis-representation, fraud or in excess of authority. The applicant is not liable to claim any lease held rights till the execution of the lease deed.

Yours faithfully,

Encl: (2 copies of A.M.M.P.)


Deputy Director of Mines & Geology (FAC),
CHITTOOR.

Copy submitted to :

- 1) The Director of Mines & Geology, Ibrahimpatnam for favour of kind information.
- 2) The Regional Controller of Mines, IBM, Sultan Bazar, Hyderabad for information.
- 3) The Director of Mines Safety, Hyderabad for favour of kind information.

Copy to the Asst. Director of Mines & Geology, Chittoor along with A.M.M.P and if any variations noticed in the A.M.M.P the same shall be brought to the notice of the Undersigned immediately for taking further necessary action.

MODIFIED MINING PLAN INCLUDING PROGRESSIVE MINE CLOSURE PLAN
FOR BLACKGRANITE

(Submitted Under Rule 16 (3) of Granite Conservation & Development Rules 1999)



Extent : 9.88 Hectares
 Category of Land : Forest Area
 Compartment No. : 227 & 223
 R.F : Basivipalli & Chittapara
 Beat : Chittapara
 Range : Chittoor West
 Division : Chittoor West *
 State : * Andhra Pradesh
 Category of Mine : 'A' Category Other Than Fully Mechanized

APPLICANT

M/s Sri Vasista Mining,
 Mg. Partner: Sri B.S.Nithin Kumar Reddy
 S/o Sri B.S.Sreenath Reddy,
 Sri Vasista Apurva, 5th Floor,
 # 8-2-350, Banjara Hills Road No.3,
 HYDERABAD-500034,
 Ph. No. :9000352266
 Srivasistamining1@gmail.com

PREPARED BY

Y.THIMMAIAH,
 Cell:9440053509
 (RQP/ DMG/ AP/11/2020)
 61205, Indu Fortune Fields Gardenia,
 13th Phase, K.P.H.B. Colony
 HYDERABAD - 500085.
 thimmaiah@yahoo.co.in



Certified that the Quarry Lease application is filed for Black Granite, over an extent of 9.88 Hect in Compartment No. 227 of Basvipalli R.F. & in Compartment No. 223 of Chittapara R.F., of Chittapara Beat, Chittoor West Range and Chittoor West Division, A.P. by our company and the modified mining plan is prepared by the RQP as per the guidelines, issued by the Director of Mines & Geology, Govt. of A.P., according to various provisions under GCD Rules 1999 in full consultation with us and We understood its contents and agree to implement the same in accordance with law.

For M/s Sri Vasista Mining

Signature of the Applicant

(B. S. Nithin Kumar Reddy)

Mg. Partner

Date:

Place: Hyderabad



Certified that the provisions of APMMC Rule 1966 & Granite Conservation & Development Rules 1999 and the guidelines of the Director of Mines & Geology, Govt. of A.P have been observed in preparation of Modified Mining Plan for applied Quarry Lease Area of Black Granite, over an extent of 9.88 Hect in Compartment No. 227 of Basivipalli R.F & in Compartment No. 223 of Chittapara R.F., of Chittapara Beat, Chittoor West Range and Chittoor West Division, A.P. and the applicant has agreed to implement the same.

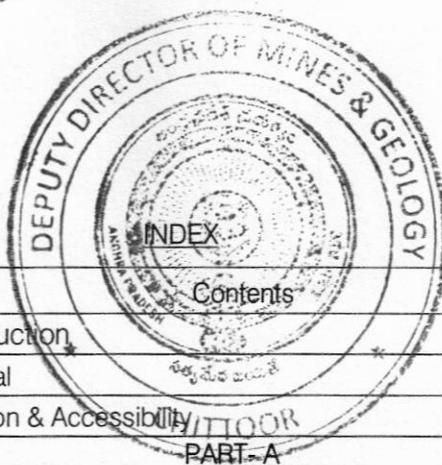
Certified that the provisions of other Acts & Regulations as applicable are observed in preparation of the modified mining plan. However if any specific permission is required, the applicant will approach all such authorities including, Forest Department & Director General of Mines Safety.

Certified further that the information furnished in Modified Mining Plan is true and correct to the best of my Knowledge.

Date: 17-01-2022
Place: Hyderabad

Signature of RQP

(Y. THIMMAIAH)
RQP/ DMG/ AP/11/2020



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2	Lease Plan	Plate -1A	1:4000
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LIST OF ANNEXURES

S. No.	Description of Annexure	Annexure No.
1	Copy of the Q.L. Application and its Enclosures	Annexure- I
2	D.D.M.G, Chittoor Letter No. 2584/MP/BG/CTR/ 2021, DT: 06-10-2021	Annexure- IA
3	MOEF letter No. F.No. 4-APB142/2021-VIJ/111 DT: 23-12- 2021	Annexure- IB
4	Prl. Chief Conservator of Forests & Head of Forest Force, A.P. letter No. EFS02-15029/22/2020-FCA SEC-PCCF/FCA-1,Dt: 09-01-2022	Annexure- IC
5	Pictures of the Recommended Q.L. Area and boundary pillars	Annexure-II
6	Copy of the RQP Certificate	Annexure- III

**MODIFIED MINING PLAN INCLUDING PROGRESSIVE MINE CLOSURE PLAN
FOR APPLIED QUARRY LEASE AREA OF BLACK GRANITE**

OVER AN EXTENT OF 9.88 HECT IN COMPARTMENT No. 227 OF BASIVIPALLI R.F AND
223 OF CHITTAPARA R.F., CHITTAPARA BEAT, CHITTOOR WEST RANGE AND
CHITTOOR WEST DIVISION, A.P.

(Submitted Under Rule 16 (3) of Granite Conservation & Development Rules 1999)

INTRODUCTION:

B. S. Nithin Kumar Reddy, Proprietor of M/s Sri Vasista Mining has applied for grant of quarry lease for Black Granite over an extent of 9.88 Ha (i.e. 8.60 Ha for Mining, 1.26 Ha for Safety Zone and 0.02 Ha for approach road to the quarry workings in Compartment No. 227 of Basivipalli R.F and 223 of Chittapara RF in Chittapara Beat of Chittoor West Range and Chittoor West Division, A.P, for a period of 20 years (ref: Annexure-I). The Divisional Forest Officer, Chittoor West Division issued a Letter Rc. No.351/2019/To, Dt:10-08-2021 to submit the approved mining plan from the Competent Authority of Mines & Geology. The mining plan is prepared based on DGPS surveyed sketch, attested by the Divisional Forest Officer, Chittoor West Division and the mining plan got approved by the Dy. Director of Mines and Geology, Chittoor vide letter No. 2584/MP/BG/CTR/ 2021, Dated: 06-10-2021 (Annexure-IA). The approved mining plan has been submitted to the Ministry of Environment, Forests & Climate Change Integrated Regional Office. Vijayawada. The Regional Office of MoEF issued a letter No. F.No. 4-APB142/2021-VIJ/111 Dt: 23rd December, 2021 (Annexure-IB) to submit the modified mining plan by correcting the actual extent of area used for mining & dumping purpose separately within 8.60 ha earmarked for the same. In this reference, Prl. Chief Conservator of Forests & Head of Forest Force, Andhra Pradesh, Guntur issued letter vide Ref. No. EFS02-15029/22/2020-FCA SEC-PCCF/FCA-1, Dt: 09-01-2022 (Annexure-IC). In this regard, the modified mining plan is prepared as per the guide lines furnished in "Form- T" vide GO.Ms.No.56, Industries and Commerce (Mines-II) 30th April, 2016. The same is submitted under Rule 16 (3) of Granite Conservation & Development Rules, 1999 for approval.

I GENERAL:

1) Name & Address of the Applicant:

M/s Sri Vasista Mining, E Mail: Srivasistamining1@gmail.com
Mg. Parartner: Sri B.S.Nithin Kumar Reddy, Ph: 9000352266
S/o Sri B.S.Sreenath Reddy, Sri Vasista Apurva, 5th Floor,
8-2-350, Banjara Hills Road No.3,
HYDERABAD-500034

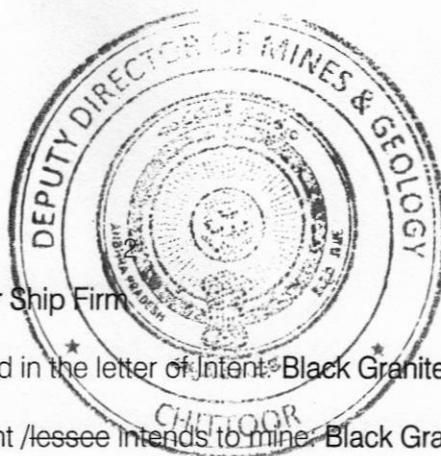
The Mining Plan / Schems is Approved subject
to the conditions & stipulations indicated in
the Mining Plan / Scheme Approved letter

No: 121/mme/BG/CTR/2022

Date: 27/01/2022

APPROVED

[Signature]
Deputy Director of Mines & Geology
Chittoor



- 2) Status of the Applicant: Partner Ship Firm
- 3) Mineral(s) Which is/are included in the letter of Intent: Black Granite
- 4) Mineral(s) which is the applicant /lessee intends to mine: Black Granite
- 5) Name and Details of Person employed for preparation Mining Plan

Y.Thimmaiah, Mobile: 9440053509

Address: 61205, Indu Fortune Fields Gardenia,
Phase13, KPHB, Kukatpally, Hyderabad- 500085,

E Mail: thimmaiah@yahoo.co.in

Reg: No: RQP/ DMG/ AP/11/2020, Valid upto: 6/5/2030

II LOCATION AND ACCESSIBILITY:

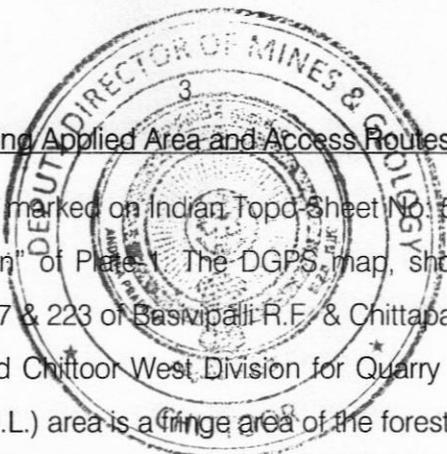
1) Applied / Lease area Details:

Compart. No.	R.F	Range	Division	Extent	Ownership/ occupancy
227 & 223	Basivipalli & Chittapara	Chittoor West	Chittoor West	9.88 Ha	Reserved Forest Area, Applied for Quarry Lease.

Geo Coordinates (Datum: WGS-84) for all Boundary Pillars of Applied Q.L. as per DGPS Survey Sketch:

Sl. No.	Name	Latitude	Longitude	Sl. No.	Name	Latitude	Longitude
1	VA-1	13.09127992	79.12671016	21	VAZ-3	13.09010182	79.12771246
2	VA-2	13.09058754	79.1272432	22	VAZ-4	13.08992314	79.12804195
3	VA-3	13.09015296	79.12776187	23	VAZ-5	13.08931686	79.12894904
4	VA-4	13.08998058	79.12808149	24	VAZ-6	13.08868096	79.12940178
5	VA-5	13.08937359	79.12898918	25	VAZ-7	13.08832179	79.12988635
6	VA-6	13.08872986	79.1294501	26	VAZ-8	13.08785269	79.12942533
7	VA-7	13.08833081	79.12998926	27	VAZ-9	13.08705271	79.12958896
8	VA-8	13.08782864	79.12949888	28	VAZ-10	13.08707871	79.12924975
9	VA-9	13.08697815	79.12967516	29	VAZ-11	13.08780421	79.12857456
10	VA-10	13.08701336	79.12921673	30	VAZ-12	13.08866397	79.12756025
11	VA-11	13.08775589	79.12852601	31	VAZ-13	13.08887219	79.12625551
12	VA-12	13.08860021	79.12752984	32	VAZ-14	13.08836539	79.12574645
13	VA-13	13.08880106	79.12628011	33	VAZ-15	13.08783565	79.12521881
14	VA-14	13.08831813	79.1257961	34	VAZ-16	13.08857479	79.12495964
15	VA-15	13.08771029	79.12519037	35	VAZ-17	13.08936714	79.12566435
16	VA-16	13.08858910	79.12488058	36	VAZ-18	13.08999358	79.12623964
17	VA-17	13.08939700	79.12560956	37	RO L-1	13.09156188	79.12684578
18	VA-18	13.09003002	79.12618051	38	RO L-2	13.0912265	79.12675223
19	VAZ-1	13.09114623	79.12672815	39	RO R-1	13.09158574	79.12679605
20	VAZ-2	13.09053627	79.12719558				

2) General Location Map Showing Applied Area and Access Routes:



The DGPS surveyed area is marked on Indian Topo Sheet No. 57/ O/4 and it is enclosed as "Location Cum Key Plan" of Plate-1. The DGPS map, showing the applied quarry lease area in Comp .No: 277 & 223 of Basvipali R.F. & Chittapara R.F in Chittapara Beat of Chittoor West Range and Chittoor West Division for Quarry is enclosed as Plate-1A. The applied quarry lease (Q.L.) area is a fringe area of the forest, adjacent to the revenue land of Dalavaipalle Village, Gudipala Mandal in Chittoor Dist, located on Indian Topo Sheet No. 57 O/4. The applied area is located between the Latitude of 13° 05' 13.14" to 13° 05' 29.7" and Longitude of 79° 07' 29.57" to 79° 07' 47.96" on Indian Topo Sheet No. 57/ O/4. The applied area can be approached by a metal road of 0.55 km from N.H.-4 i.e. from Dalavaipalle. About 35 m length and 6m width of the Forest land (0.02 Ha) has been applied for approach road purpose from revenue land to the Quarry leased area.

Nearest Village to the applied Q.L.: Dalavaipalle is located at a distance of 500 m from applied Q.L. area due North. Primary facilities like electricity, primary school, post office and Bus services are available from this village.

Mandal Headquarters: Gudipala is the Mandal Headquarters, located at a distance of 1km from the subject area on N.H-4 at a distance of 12 km from Chittoor town towards Vellore. It is the nearest place for primary health centre, Police Station and Fire Station.

District Headquarters: Chittoor is the district headquarters, located at a distance of 13 km from the applied Q.L. area. It is the nearest place Market, Higher Education, Hospitals and Railway Station.

Airport & Seaport: The nearest airport is located at Thirupati at a distance of 98km and the nearest seaport is located at Chennai 150 km at a distance of from the applied area.



1 GENERAL DETAILS OF THE APPLIED QUARRY LEASE AREA / MINING LEASE:

- a) Brief description of Topography, Drainage Pattern, Vegetation, Climate, Rainfall Data of the Area:
- i) **Topography:** The proposed quarry lease area, Safety zone and part of the approach road area belong to hilly terrain. Quarry lease area is elevated on NW side (380m max) and sloping towards NE & SW direction. The lowest level i.e. 328m MSL is on NE side and 332 m is on SW side of the applied Q.L. area. The subject area is gradually rising towards NW up to 380m MSL. There is a maximum relief of 52 mts towards NE and 48m relief towards SW from centre of the applied Q.L. area. Due to Dolerite dyke (Black Granite) intrusion, the subject area rises to a height of 28 mts to 44 mts. Even though, the applied quarry lease area and the proposed approach road belong to R.F, it does not have much vegetation except scattered trees and bushes on the slopes. There are no prominent natural drainage channels within the applied area. But two seasonal watercourses are running on the slopes of the applied quarry lease on northern & Southern sides. The surface rain water of the area will join to the seasonal nala and the nalas join to local tanks, located at more than 1.0 km from the area on Northern side.
- ii) **Drainage Pattern:** There are no water bodies, like rivers, tanks, canals and reservoirs located in and around the area in the vicinity. There is no specific drainage pattern in the applied area. But the surface rain water flows through the slopes of the applied area and joins to the nala running in the area on northern & southern sides.
- iii) **Vegetation:** The applied area belongs to Dry Tropical South Indian Dry Mixed Deciduous of Open Forests. The slopes of the area are covered by the vegetation like scrubs, bushes and small trees. All along the centre portion (Peak of the hill) of the applied area is formed by the Dolerite Dyke. Due to Dyke formation, the vegetation is scatter in the centre of the applied area.
- iv) **Climate & Rainfall Data:** The applied lease area belongs to tropical climate. The annual rainfall of the area varies from 640 mm to 720 mm.

2. GEOLOGY AND EXPLORATION

a) Brief descriptions of Regional Geology with Reference to Location of Applied Area:

The region of the subject area belongs to Peninsular Gneiss of Archean Group. The Regional area forms a part of granite green stone terrain of eastern part of Dharwar Craton. The green stone rocks are made up of metabasalt with acid volcanic intrusions, exposed as linear belts. These green stone rocks are introduced by granitic rocks of Grey, Brown and Black varieties. In this area the granite terrain comprises banded /streaky gneiss ranging in composition from Tonalite to Granodiorite, Migmatitic Gneiss and Granodiorite Granite with compositional variation between Granodiorite Granite and Alkali Feldspar Granite. Among these varieties of Gneissic Granites and Dolerite Dykes are suitable for dimensional stone industry. The stratigraphy of the region is given below.

<u>Geological Era</u>	<u>Geological Unit</u>	<u>Rock Type</u>
Proterozoic	Closepet granite and its Equivalents Peninsular Gneiss With older Granites and Migmatites	Granite Variants Migmatites Gneisses & Granites
Archean	Schistose rocks of Greenstone Belts and its equivalents	

b) Detailed Description of Geology of the Area:

The area represents a peninsular gneissic complex comprising grey granites with Dolerite dykes intrusions. The Dolerite is intruded through the gneiss as two dykes, perpendicular to each other in SE -NW & NE-SW directions in the applied area along top of the hill. No shear zone or faults are noticed in this area. The Dolerite (Black Granite) dykes are well exposed, over a length of 453 m & 165 m and to an average width of 48 m and 25m respectively along the top of the hill portion. Float material mixed with soil is covering on slopes of the applied area on either sides of the dyke formation.

Soil & Scree: Red soil with float boulders of Black Granite is covering the slopes of the applied area to a thickness of 1m to 1 m as shown on surface Geological Plan & Sections, enclosed as Plate-3 & Plate - 3A.



Dolerite (Black Granite): Hard and compact. Dolerite (Black Granite) is exposed along the top of the hill to a maximum height of 44 m between the RLs of 380 m to 336 m. The Black Granite is massive, fine-grained, hard and compact in nature. It shows dark grey in colour. Due to its colour, hardness & compactness, it is being used for cutting & polishing stone industry. The Black Granite consists of Augite and Plagioclase Feldspar and low quantities of olivine with Iron Oxides minerals.

- i) Texture and Grain size: The rock shows uniform in grain size of small to fine grain.
- ii) Black and aesthetic beauty of the stone: Due to small & fine grain size, the rock will take good polish and gives mirror image after polish the rock.
- iii) Hardness: 6 to 6.5
- iv) Mineralogical composition: Petrologically the rock has Augite, plagioclase feldspar, clino-pyroxenes and olivine as major minerals in this rock. Apatite, Zircon and some opaque minerals constitute the minor minerals.
- v) Density / Specific gravity: 2.75.
- vi) Water absorption Capacity: 0.15% (kg/cm²)
- vii) Porosity: 0.35
- viii) Compression Strength: 1969kg/cm² (in dry state) and tensile strength 96kg/cm². "The value given is based on the Physical tests carried out for different rocks in the laboratories of the Geological Survey of India, and published by the Organisation".
- ix) Abrasiveness: 6-5.5
- x) Permeability: 0.55%
- xi) Rock quality designation: Good RQD% between 75-90%

c) Details of Applied Quarry lease holder:

M/s Sri Vasista Mining, E Mail: Srivasistamining1@gmail.com

Mg. Partner: Sri B.S. Nithin Kumar Reddy

S/o Sri B.S. Sreenath Reddy,

Sri Vasista Apurva, 5th Floor,

8-2-350, Banjara Hills Road No.3,

HYDERABAD-500034

d) Details of Prospecting Carried out:

The Black Granite, which is used for cutting & polishing, is exposed to a maximum height of 44 m above the ground in the applied area. It is also seen from the adjacent workings quarries that the Granite available in this region is useful for cutting & polishing industry. So, no separate exploration was carried out in this area.



e) Surface Plan:

The topographical survey of the applied lease area was carried out and the levels are taken with reference to bench mark (319.90m), which is marked on boundary pillar No. R1, located on Northern side of the subject area. Based on the levels obtained from topographical survey, the surface plan is prepared by showing the contours at 4m interval. The surface features available in the applied lease are shown on surface plan and the same is enclosed as Plate No-2 on 1: 2000 scale.

f) Surface Geological Plan:

The Geological features like the litho-units exposed in the applied Q.L. area and its structural features are collected from the applied lease area and the same is transferred to the surface geological plan. The plan showing the geological data of the subject area is enclosed as Surface Geological Plan on 1: 2000 scale with 4m contour interval and it is numbered as Plate-3.

g) Geological Cross Sections:

Three geological cross sections (A-A' to C-C') were drawn across the dyke formed in the strike direction of NE-SW. Another eight geological cross sections (D-D' to K-K') were drawn across the dyke formed in the strike direction of NW-SE. These sections were drawn at an interval of 50 m on 1:2000 scale and depicted the lithology obtained from the outcrops of this area and adjacent workings quarries. The geological cross sections are enclosed as Plate-3A.

- h) Broadly indicate the future program of exploration for First Five Years: -

It is proved that the Black Granite, which is useful for cutting & polishing stone industry availability to a thickness of 44 m along the top of the hill in the applied area. So, no separate exploration is proposed for the first five years of the plan period.

- i) Reserves and Resources as per UNFC. Detailed Calculation of the reserves shall be stated:

The availability of Black Granite, which is useful for cutting & polishing stone industry, is exposed to a maximum height of 44 m above the ground level between the RLS of 336 m – 380 m. And the dyke is extending further depth from the surface. So, the rock which is occurring up to the RL of 330 m RL in the applied area is considered for proved reserves. The geological reserves are estimated by cross sectional method by multiplying the cross-sectional area of the Black Granite zone with the influence distance of the sections. Thus the volume of the in-situ rock will be obtained. Due to weathering, joints and factored zones, the total in-situ rock reserves will not be useful for cutting & polishing stone industry. The weathered rock, small boulders / blocks with irregular shaped will be treated as mineral waste. It is expected about 15% to 20% of useful and marketable black granite blocks can be recovered from in-situ reserves. An average recovery percentage of 17.5% is considered for estimation of Black Granite reserves and the remaining 82.5 % is considered for mineral waste. To assess the reserves of saleable B. Granite, the volume of the in-situ B. Granite is multiplied by 17.5%, the recovery percentage of saleable blocks. The reserves calculation of the Black Granite is furnished in the following Table No-5.

Geological Reserves of Black Granite available in Mining & Safety Zones:

Proved Category:

Table No. 5

Category	Section	Influence Distance (m)	Sectional Area of B. Granite (m ²)	Volume of In-situ B. Granite (m ³)	Reserves of B. Granite (m ³) @ 17.5%	Generation of Waste (m ³) @82.5%
Proved Reserves	A-A'	72.5	276	20010	3502	16508
	B-B'	50	530	26500	4638	21863
	C-C'	50	926	46300	8103	38198
	D-D'	82.5	2518	207735	36354	171381
	E-E'	50	2408	120400	21070	99330
	F-F'	50	2140	107000	18725	88275
	G-G'	50	890	44500	7788	36713
	H-H'	50	1578	78900	13808	65093
	I-I'	50	2098	104900	18358	86543
	J-J'	50	2398	119900	20983	98918
	K-K'	85.5	2068	176814	30942	145872
				Total	1052959	184268

Geological Reserves of Black Granite = 184268 m³

j) Feasibility Report:

The Granite, which is used for cutting and polishing industry is exposed to a height of 44 m above the ground level and it is covered by thin layer of boulders and weathered material. The rock will be excavated by opencast method from this area and it will be supplied to the cutting and polishing stone industries, which are located close to the subject area. The cutting and polishing units will help to cut the granite blocks into slabs and monuments. The slabs and monuments will be polished and the same will be supplied to the consumers, located in and outside the country. The rock is hard in nature and the primary blocks will be separated with the help of wire-saw cutting machine from mother rock and then the primary blocks will be cut into secondary blocks with the help of jackhammer drilling and wedge cutting. The waste generates from cutting of the blocks will be separated and it will be stocked in proposed dump yard and the saleable granite blocks will be supplied to the market. EC clearance and CFO & CFE will be obtained from MoEF & PCB respectively after getting the stage-1 proposals from the forest department. The subject area is well connected by Roads, and Railway lines. All types of modern communication system are available nearby the area.

Financial analysis per economic viability of the deposit:

The expected production cost per cubic meter of black granite production is detailed below:

Heads	Cost in Rs per m ³
Mining	12000/-
Wages	3000/-
Depreciation	50/-
Interest	50/-
Royalty	4000/-
Miscellaneous	100/-
Overhead cost	100/-
Total	19300/-

The above cost is a very approximate, whereas due to the market condition the above shown cost may vary accordingly. The granite of this area is used for sale and there is good market available for black granite in and around A.P. There is no problem for marketing of black granite.

Economic Axis: The mineral occurrence is seen in and around the area from working quarries. It is also proved from adjacent quarries that the granite of this area is useful for cutting and polishing industries. So, the mining is economically viable in present market.

K) Mineral Reserves: The geological reserves estimation of the Granite is furnished under Table No-5.

- i) Mode of mining: Because, the Granite of this area is exposed along top of the mound and it is hard in nature, it will be excavated by open cast method with the help of wire-saw cutting machine and jackhammer drilling. An excavator & dumpers will be used for shifting the granite waste and granite blocks from working face.
- ii) The adjacent quarry workings reveal that about 82.5% the ROM is going to be generated as waste.
- iii) Cut of Grade and ultimate pit depth: The Granite available to a depth of 50m from top of the hill is useful for cutting & polishing industry.

Non-Mineable Resources: Part of the geological reserves estimated under table no-5 on page-9 will be blocked under 7.5m safety barrier and under benches formations, only under three sections of A-A', D-D' & K-K' on SW, NW & SE side of the two dykes. The non-mineable reserves, blocking in safety zone and bench formation are estimated by cross sectional methods as furnished in the following tables -6 A & 6 B.

Proved Reserves Blocking in Safety Zone: Table - 6A

Category	Section	Influence Distance (m)	Sectional Area of B. Granite (m ²)	Volume of In-situ B. Granite (m ³)	Reserves of B. Granite (m ³) @ 17.5%	Generation of Waste (m ³) @82.5%
Proved Reserves	A-A'	7.5	24	180	32	149
	D-D'	7.5	366	2745	480	2265
	K-K'	7.5	370	2775	486	2289
			Total	5700	998	4703

Proved Reserves Blocking under Safe Benches: Table- 6B

Category	Section	Influence Distance (m)	Sectional Area of B. Granite (m ²)	Volume of In-situ B. Granite (m ³)	Reserves of B. Granite (m ³) @ 17.5%	Generation of Waste (m ³) @82.5%
Proved Reserves	A-A'	20	24	480	84	396
	D-D'	56	366	20496	3587	16909
	K-K'	86	370	31820	5569	26252
			Total	52796	9240	43557

Total Blocking B. Granite Reserves = 998+9240 = 10238 m³

Mineable Reserves of Black Granite:

Geological Reserves – Blocking Reserves: 184268 – 10238=174030 m³

UNFC Classification of Reserves & Resources Estimation: Table-7

Classification	Code	Quantity of Black Granite(m ³)
Total Mineral Resources (A+B)		184268
A. Mineral Reserves		
1. Proved Mineable Reserves	111	174030
2. Probable Mineable Reserves	121&122	000000
		174030
B. Remaining Resources		
1. Feasibility Resources	211	10238 (Non-Mineable)
2. Prefeasibility Mineral Resources	221&222	---
3. Measured Mineral Resources	331	---
4. Indicated Mineral Resources	332	---
5. Inferred Mineral Resources	333	---
6. Possible Resources	334	---

Life of the Quarry: Based on Black Granite reserves available in the area and the present market demand for Black Granite, it is proposed to raise about 8000 cubic metres of B. Granite blocks per year on an average. At this rate of production the expected life of the quarry is : (168650 / 8000 m³ =21) 21Years.

3 MINING:

A. Open Cast Mining:

- i) Briefly Describe the Proposed Method for Excavation with all Design Parameters indicating on Plans / Sections :

The Black Granite which is useful for cutting & polishing industry is exposed along the top of the hill. So, the mining activity will be carried out by opencast benching method. The weathered boulders mixed with soil will be removed with the help of excavator from the surface to a thickness of about 2m and the waste will be transported to the proposed dump yard by the dumpers. Sometimes the weathered rock from working face will be removed with the help of jackhammer drilling blasting. After removal of boulders and weathered material from the surface the granite production will be obtained by excavating three benches of 6m height (max) each. To cut the primary granite blocks from mother rock, wire-saw cutting machine will be used. The primary blocks will be separated from mother rock and it will cut into secondary blocks with the help of wedge cutting. While cutting the blocks about 82.5% (on average) of the material is going to be generated as solid waste, which consists of shapeless and defected material. During first five years, it is proposed to raise about 40,000 cubic metres of black granite blocks in five years at the rate of 8000 cubic metres per year on an average. In first five years about 1.6780 Ha of area will be used for mining activities. The excavations will be carried out in three benches of 6m height each for production after development of the overburden from the surface. After recovered the saleable granite blocks from ROM, the shapeless and defected material is treated as mineral (solid) waste. In every year about 37719 cubic metres of granite waste i.e. about 188575 cubic metres of solid waste and 31300 cubic metres of overburden will be generated in first five years.

- ii) Processing (If required):

No processing of the granite blocks will be carried out in the lease area.

- iii) Drilling & Blasting:

Drilling and blasting is required for development workings and to remove the weathered and country rock. So, the applicant is advised to get the explosive license to store the required explosives at quarry site. The blast holes will be drilled with jackhammer to a depth of 2.5 m to 3m with spacing of 1 m and burden of 1.5m. Each drill hole will be charged with low strength slurry-based explosives and ANFO of 1kgs.

- iv) Indicate year-wise tentative Excavation indicating development, ROM, pit wise as in table below:

Based on present market demand for black granite and keeping in view of available reserves in the area, it is proposed to raise 8000 m³ per year in 240 working days as detailed below. The working will be carried from single pit, from NW to SE direction during 1st five years plan period.



Year Wise Development & Granite Production for 1st five Years:

Year Wise Development:

Table-9A

Year	Bench No. & Its FRLS	Working Area in OB (m ²)	Thickness of O.B. (m)	Volume Of O.B. (m ³)
1 st Year	GL-372	3360	2	6720
2 nd Year	GL-372	2952	2	5904
3 rd Year	GL-366	2952	2	5904
4 th Year	GL-366	3320	2	6640
5 th Year	GL-366	3066	2	6132
	G. Total	15650		31300
	Average			6260

Year Wise Production:

Table-9B

Year	Bench No. & Its FRLS	Working Area (m ²)	Bench Height (m)	Volume (m ³)	Production of B. Granite @17.5% (m ³)	Mineral Waste @ 82.5% (m ³)
1 st Year	1) 372-366	3360	6	20160	3528	16632
	2) 366-360	2500	6	15000	2625	12375
	3) 360-354	1760	6	10560	1848	8712
	Total				8001	37719
2 nd Year	1) 372-366	2952	6	17712	3100	14612
	2) 366-360	2553	6	15318	2681	12637
	3) 360-354	2114	6	12684	2220	10464
	Total				8000	37714
3 rd Year	1) 366-360	2952	6	17712	3100	14612
	2) 360-354	2553	6	15318	2681	12637
	3) 354-348	2114	6	12684	2220	10464
	Total				8000	37714
4 th Year	1) 366-360	3320	6	19920	3486	16434
	2) 360-354	2500	6	15000	2625	12375
	3) 354-348	1800	6	10800	1890	8910
	Total				8001	37719
5 th Year	1) 366-360	3066	6	18396	3219	15177
	2) 360-354	2506	6	15036	2631	12405
	3) 354-348	2046	6	12276	2148	10128
	Total				7999	37709
	G. Total				40001	188575
	Average				8000	37715

iii) **Dump Management:**

The proposed mining area is consisting of weathered material boulders mixed with soil. So, this waste material will be separated from the surface. During this plan period about 188575 m³ of waste will be generated from five years' production @ 82.5%. The year wise waste generation particulars are furnished under table-9A & 9B. It is proposed to stack the waste on eastern side of the area, over an extent of 2932 m² in each year and 14658 m² in five years to a height of 15 to 18m on an average. To stabilisation of the dumps a retaining wall and garland drain will be provided over a length of 760m width of 2m to cover an area of 1520 m² in five years @ 304 m² per year. The granite blocks will be supplied to the cutting & polishing units, which are located in and around A.P. State.

iv) **Layout of mine workings, pits & Roads:**

Mine Layout for Year-Wise Development for First Five Years Period:

The Granite, which is useful for cutting and polishing stone industries, is exposed to the surface with thin layer of overburden consisting of boulders mixed with soil and weathered material. So, the development will be carried out in overburden from the surface of the area during first five years. The waste granite, generates along with granite blocks will be separated and it will be stocked in proposed dump yard. In every year, the overburden will be removed to a thickness of about 2m before going for granite production from the surface. The excavations will be carried out from the surface with the help of jackhammer drilling and blasting and the blasted waste will be excavated with the help of excavator. The waste material will be loaded into dumpers and the same will be transported to the proposed dump yard. An approach road will be formed to the bottom of the working pit from northern corner. From five years excavation about 188575 m³ of granite waste and 40001 m³ of granite blocks will be generated as detailed under table -9A & 9B. Due to mining, dumping and its allied activities about 3.2959 Ha of mining block will be degraded by the end of first five years as details under para -2 on page-21.

Year wise waste generation and Area required for dumping & Stabilisation is furnished below

Year	Generation Of O.B. (m ³)	Generation of Granite Waste (m ³)	Total Waste (m ³)	Dumping Area (m ²)	R.W & G.D. Area (m ²)	Total Area Required (m ²)
1st Year	6720	37719	44439	2963	307	3270
2nd Year	5904	37714	43618	2908	302	3210
3rd Year	5904	37714	43618	2908	302	3210
4th Year	6640	37719	44359	2957	306	3263
5th Year	6132	37709	43841	2923	303	3226
Total	31300	188575	219875	14659	1520	16179

v) Mine Layout for year-wise Production for First Five Years:

It is proposed to raise about 8000 cubic metres of Black Granite blocks per year during first five years plan period on an average. In each year, it is proposed to excavate the raw material in three benches of 6 m height each after removal of overburden to a thickness of 2m from the surface. The workings will be started from NW side of the area, after leaving safety barrier from boundary line. The mother rock will be cut into primary blocks with the help of wire-saw cutting machine and line driller. The un-defected primary blocks will be split into secondary blocks with the help of jackhammer drilling and wedge cutting. While cutting the primary blocks into secondary blocks, the defected & shapeless material will be generated. This material is treated as granite waste. From second year onwards, the working benches of first year pit will be advanced towards SE. Year wise working areas are shown on plan and section of plate-4. The bench wise production details of each year are given in Table-9A & 9B on page-13.

Black Granite Production:

First Year Workings: In this year, the Granite block will be excavated with the help of wire-saw cutting machine and line driller from NW side of the subject area in three benches of 6m height (max) each between the RLS of 372-366, 366-360 & 360-354 m, over an extent of 0.449 Ha. Before going for granite block excavations, the O.B. consisting of small and withered material will be excavated to an average thickness of 2 m from the surface (G.L). Due to these quarry excavations about 8001 m³ of saleable granite blocks, 6720 of O.B. m³ and 37719 m³ of granite waste will be obtained from three workings. The waste rock will be shifted to the dump yard and the saleable blocks will be shifted to the granite industries. The proposed workings and dump yard are shown on plate-4 and bench wise production details are furnished under table-9A & 9B.

Second Year: In this year, the Granite production will be obtained by advancing the three SE side benches of first year workings towards SE between the RLS of 372-366, 366-360 & 360-354, over an extent of 0.2952 Ha. Due to these quarry excavations about 8000 m³ of saleable granite blocks, 5904 of O.B. m³ and 37714 m³ of granite waste will be obtained. The waste rock will be shifted to the dump yard and the saleable blocks will be shifted to the granite industries. The proposed workings and dump yard are shown on plate-4 and bench wise production details are furnished in table-9A & 9B.

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Third Year: In this year, the Granite production will be obtained by advancing the three SE side benches of second year workings towards SE between the RLS of 366-360, 360-354 & 354-348, over an extent of 0.2952 Ha. Due to these quarry excavations about 8000 m³ of saleable granite blocks, 5904 of O.B. m³ and 37714 m³ of granite waste will be obtained. The waste rock will be shifted to the dump yard and the saleable blocks will be shifted to the granite industries. The proposed workings and dump yard are shown on plate-4 & bench wise production details are furnished in table-9A & 9B.

Fourth Year: In this year, the Granite production will be obtained by advancing the three SE side benches of third year workings towards SE between the RLS of 366-360, 360-354 & 354-348, over an extent of 0.3320 Ha. Due to these quarry excavations about 8001 m³ of saleable granite blocks, 6640 of O.B. m³ and 37719 m³ of granite waste will be obtained. The waste rock will be shifted to the dump yard and the saleable blocks will be shifted to the granite industries. The proposed workings and dump yard are shown on plate-4 & bench wise production details are furnished in table-9A & 9B.

Fifth Year: In this year, the Granite production will be obtained by advancing the three SE side benches of fourth year workings towards SE between the RLS of 366-360, 360-354 & 354-348, over an extent of 0.3066 Ha. Due to these quarry excavations about 7999 m³ of saleable granite blocks, 6132 of O.B. m³ and 37709 m³ of granite waste will be obtained. The waste rock will be shifted to the dump yard and the saleable blocks will be shifted to the granite industries. The proposed workings and dump yard are shown on plate-4 & bench wise production details are furnished in table-9A & 9B.

Haulage and Transport of Granite Blocks& Waste:

The excavated waste material will be loaded into dumper with the help of excavator. The loaded material will be transported to the proposed dump yard, located on eastern side of the proposed lease area. The granite blocks will be loaded into hired trucks and the same will be transported to the granite industries. To achieve target production, the following machinery is used in the lease area.

The following machinery is required to get the target production:

Machinery	Quantity	Description
Excavator	2 No	Tata Hitachi-300Lc
Loader /JCB	1 No	4t Capacity
Dumpers	4Nos	20.t capacity
Compressor	2 No	120 cfm
Line Drill Machine	1 No	10mm Pneumatic Drill
Wire- saw cutter	1 No	60 HP
Jackhammers	6 Nos	PH 658

4. MINE DRAINAGE:

- Minimum & Maximum Depth of Water:** The bore well drilled in adjacent fields at foot hills shows the groundwater table availability at a depth of more than 60 m in rainy seasons.
- Maximum & Minimum Depth of Workings:** The workings will go to a maximum depth of 18 m from top of the hill, which is raining to a height of 44 m from ground level.
- Quantity and Quality of Water:** Since the mine workings are restricted to 18 m from top of the hill during this plan period, no surface or ground water is going to be accumulated in working pit.
- Regional Drainage Pattern:** The subject area belongs to hilly terrain and there is no specific drainage pattern in the subject area. There are two seasonal nala flowing adjacent to the applied area on eastern & western side. The surface rain water of this area flows through the slopes and joins to this seasonal nala.

5. STOCKING OF MINERAL REJECTS / SUB GRADE MATERIAL AND DISPOSAL OF WASTE:

a) Nature of Waste and Its Rate of Yearly Generation:

Due to granite quarry workings, the waste consisting of weathered material, under size and shapeless boulders mixed with soil will be generated. Apart from this overburden, the defected granite waste also will be generated. The year wise waste generation particulars for first five years of the plan period and its dumping particulars are furnished in the following table.

18

Year wise waste generation and Area required for dumping & Stabilisation is furnished below.

Year	Generation Of O.B. (m ³)	Generation of Granite Waste (m ³)	Total Waste (m ³)	Dumping Area (m ²)	R.W & G.D. Area (m ²)	Total Area Required (m ²)
1st Year	6720	37719	44439	2963	307	3270
2nd Year	5904	37714	43618	2908	302	3210
3rd Year	5904	37714	43618	2908	302	3210
4th Year	6640	37719	44359	2957	306	3263
5th Year	6132	37709	43841	2923	303	3226
Total	31300	188575	219875	14659	1520	16179

b) Selection of Dumping Site:

About 31300 m³ of O.B consisting of weathered and Shapeless boulders mixed with soil and 188575 m³ of granite waste will be generated in this plan period. The total waste of 219875 m³ will be stocked over an extent of 14659 m² on eastern side of area to a height of 15 to 18 m as shown on plate-4.

c) Method of Dumping and Maximum Height and Spread of Dumping:

The waste rock mixed with soil and the granite waste will be stocked over an extent of 14659 m² and to a height of 15 to 18m. The proposed waste dump yard is shown on plate-4.

d) Precautions for Confinement of Dumps to Prevent Pollution of Surface water bodies/courses:

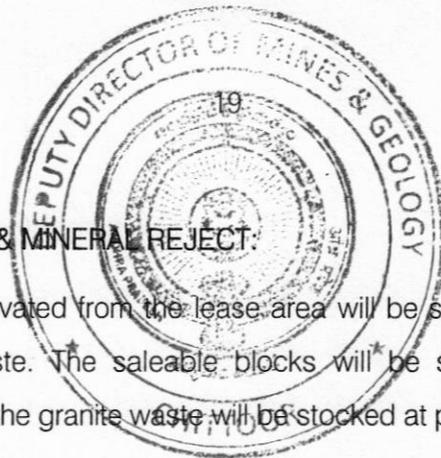
The waste dump will be stabilised with the retaining wall and garland drain to confinement from surface water bodies on eastern side of the dump, over a length of 760 m and to a width of 2m to an extent of 1520 m² in 5 years. The year wise details are furnished in the table furnished under para-5.1.

e) Arrangement of Separate Stacking of Sub-Grade Minerals:

The waste rock mixed with top soil and granite waste will be stocked in proposed dump yard.

6. USE OF MINERALS&MINERAL REJECTS:

- a) The black granite of the area will be supplied to the cutting and polishing industries. The granite blocks will be cut in to slabs and monuments. The polished slabs will be used for flooring, wall panelling, table tops and other construction field. The monuments will be used for decorative purpose.



7. PROCESSING OF ROM & MINERAL REJECT:

The in-situ material excavated from the lease area will be separated as saleable granite blocks and granite waste. The saleable blocks will be supplied to the cutting and polishing industries and the granite waste will be stocked at proposed dump yard.

8. OTHERS

a) Site Services:

The site services like office, first aid and rest shed will be provided over a small extent, in temporarily constructed shed on NNE side of the area. The location of the proposed site services are shown on plate-4.

b) Employment Potential:

The mine working will be carried out under the supervision of a mine's manager, having a mining engineering certificate under the provisions of MCDR 1988. The following manpower will be employed to carry out the mining activity in the lease area.

Sl. No.	Particulars	Total No's
1	Mines Manager	1
3	Operators	12
4	Semi-Skilled	6
5	Un-Skilled	6
6	Office staff & Security	5
	Grand Total	30Nos

20

PART-B

PROGRESSIVE MINE CLOSURE PLAN

1 Environment Base line information:

- a) **Existing Land Use Pattern:** The subject area is belongs to Dry Tropical South Indian Dry Mixed Deciduous of Open Forests. The surrounding lands, located on NE, North & West sides of the subject area are mainly used for agriculture to grow dry crops within 500m radius. The forest land is continuing towards South & SE from the applied area. The existing land use pattern of the applied lease area is detailed below.

Description	Extent of Area is used (Ha)
Mining	Nil
Waste dump	Nil
Road & Infrastructure	Nil
Mineral Stock	Nil
Agriculture	Nil
Forest Land	9.88
Total	9.88 Ha

- b) **Water Regime:** There are no water bodies, like rivers, tanks, canals and reservoirs in the vicinity of the area. There is no specific drainage pattern in the applied area. But the surface rain water flows through the slopes of the applied area and joins to the nala running in the area on northern & southern sides.
- c) **Human Settlements:** Within the applied area, there are no villages or human settlements located. There is no question of any evacuation or resettlement of people elsewhere. Workers come from the village, which is located at ½ Km. The villages located within 5km radius from the subject area are shown on plate-1.
- d) **Public buildings, sanctuaries, eco-sensitive areas etc:** There are no public buildings, monuments, historic importance places and any sanctuary within or in the vicinity of the area.

2 Impact Assessment:

- a) Land Degradation: Land use pattern of mining block in first five years' plan period is detailed below.

Mining Activity	Area Covers in Hectors
Mining Area (including Internal Roads & temporary site Services)	1.6780
Waste Dump Area (including Retaining Wall & Garland Drain)	1.6179
Total Area	3.2959 Ha

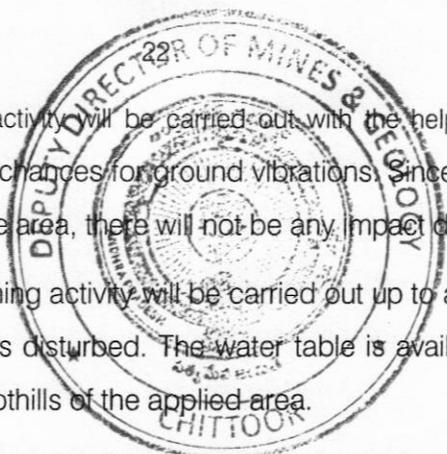
- b) Air quality: The mining activity in this area is situated at safe distance from the villages which are likely to be affected. However air quality will be maintained within the Standards of National Ambient Air Quality (NAAQS) as detailed below.

Sl. No	Pollutant	Level
1	SO ₂	120ug/m ³
2	NO ₂	120ug/m ³
3	Suspended Particulate Mater (SPM)	500ug/m ³
4	Respirable Particulate Mater (RPM) (size<10um)	150ug/m ³
5	CO=5mg/m ³	5mg/m ³
6	Pb	1.5ug/m ³

- c) Water Quality: There is no liquid waste discharge from this mining activity which is likely to be polluted the water. The rainwater flow the slope of the area and joins to seasonal nal, located in eastern & western sides of the area.
- d) Noise Levels: The mining will be carried out with the help drilling, blasting (occasionally) and excavator. So, there are chances for noise generations and the noise levels will be maintained within the permissible limits as detailed below.

Permissible noise exposure for different period of time is given below:

Sl. No	Duration per day (Hrs)	Sound level dBA
1	1/8	110
2	1/4	110
3	1/2	105
4	1	100
5	2	95
6	4	90
7	8	85
8	16	80

- 
- e) **Vibration Levels:** The mining activity will be carried out with the help of drilling and blasting (occasionally). So, there are chances for ground vibrations. Since there are no permanent structures in the vicinity of the area, there will not be any impact due to vibrations.
- f) **Water Regime:** Since the mining activity will be carried out up to a depth of 18 m from top of the hill, no water regime is disturbed. The water table is available at a depth of more than 60 m from surface at foothills of the applied area.
- g) **Acid Mine Drainage:** No acid water will be discharged from mine workings.
- h) **Surface Subsidence:** The workings will be carried out to a depth of 18m (Max) from top of the hill. So, there are no chances for surface subsidence due to this mining activity.
- i) **Socio-Economics:** The villages falling within the buffer zone are mainly depending upon agriculture. There will be no adverse effect on their socio- economic environment besides; mining gives additional income to the labourers.
- j) **Historical monuments etc.:** There are no historical monuments or historical importance places within or in the vicinity the lease area.
- k) **Bio-Diversity:** The applied lease area belongs to stony waste, located in the forest and it does not consist of much flora. But the slopes are covered by the moderate plants. There is no report on existing of any wild animals in the area.
- 3 **Progressive Reclamation Plan:** Details of mined out area and its reclamation is detailed below.
- i) **Mined-Out Land:** By the end of first five years plan period about 1.678 Ha of mining block will be used for mining including for site services & internal roads. In balance mining block area, about 1.6179 Ha will be used for waste dumping including retaining wall and garland drain. By the end of the life of the mine about 5.5592 Ha will be used for mining activity and 3.0408 Ha is used for waste dumping purpose. No backfilling is proposed in this lease period because the mineral available at bottom, to be excavated in next lease period. The land use pattern for first five years plan period and remaining life of the mine is detailed below.

Detailed component wise breakup and land use pattern for life of Mine;

Sl. No.	Head	Forest area required for entire lease period (Ha.)	Forest area required for 1 st 5 year plan period (Ha.)	Total area remains unutilized after 1 st 5 years (Ha.)
1	2	3	4	5 (3-4)
1	Area under Mining (which includes small portion of area for site services like first aid etc and internal roads which will be in temporary in nature and shifted / made as per the convenient)	5.5592 ha	1 st Year : 0.4490 2 nd Year : 0.2952 3 rd Year : 0.2952 4 th Year : 0.3320 5 th Year : 0.3066 <u>Total area:1.6780</u>	3.8812 ha
2	Area for Waste Dumping (which includes Retaining wall & Garland Drain)	3.0408 ha	1.6179 ha	1.4229 ha
3	Mineral Storage	00	00	00
4	Approach Road to Mining Block	0.02 ha	0.02 ha	0
5	Railways	0	0	0
6	Tailing Pond	0	0	0
7	7.5 mtr safety zone around Mining Block	1.26 ha	1.26 ha	0
	Grand Total	9.88 ha	4.5759 ha	5.3041 ha

In case of Abandoned Quarries / Pits, proposal for uses Reservoir, size, water holding capacity and its Utilization: During this life period, the quarry workings will cover an area of 5.5592 Ha to a max. depth of 44 m from top of the hill. The Dumps will cover an area of 3.0408 ha. Because, the mineral available at the bottom of the working pit will be excavated in next lease period.

Plantation: As per standard norms an extent of 1.26 Ha has been earmarked for safety zone purpose (i.e. 7.5m around the mining block). During this plan period, the plantation and regeneration activity will be taken up in safety zone area of 1.26 Ha under the supervision of State Forest Department.

- ii) **Topsoil Management:** The weathered rock mixed with soil is occurring in this area. This type of waste will be stacked separately in this plan period and it will be used for backfilling at the end of the life of the mine.

- iii) Tailings Dam Management: There are no tailing dams located in and around the area.
- iv) Disaster Management and Risk Assessment: To mitigate the emergency, planning is the first & four most things i.e. recognizing the accident or possible, assessing the consequences of such possible accidents and deciding on emergency planning/procedures in advance both on site & off site that would necessary to be implemented in the event of emergency without any delay and confusion.

Proper bench design in mines and observing safety measures for transportation, storage, handling of explosives & fuels, etc, good maintenance of vehicles, roads, fire prevention measures shall go in preventing disaster/accidents.

Mining shall be carried out as per GCDR 1999 & Rules and regulations applicable the project in charge is having a mobile communication for quick intimation of information if need arises.

The workmen in the project are periodically trained at group VT center for proper safety training as per the DGMS circulars.

The management is committed to identify the possible causes for potential disaster and draw a code of emergency measures and procedures to deal with such disasters, which is otherwise also advised by DGMS through their Circulars.

The mine is having good communication like telephone & mobile facility. In case of any minor/major accidents within the mine, the same will be communicated to the Agent by the Mines Manager and intern he will inform to the Revenue Authorities, Police, Fire Department, DGMS etc for action.

A vehicle is kept all the time at the mine site for conveyance.

At mine level first aid will be provided and person(s) shall be shifted to District Hospital at Chittoor which is well equipped, which is about 16 Km from mine site as per the requirement.

Mines Manager is the person responsible of the disaster management and if any disaster occurs in the mine.

- v) Care and maintenance during temporary discontinuance: The applicant will take proper care and maintenance during temporary discontinuance of mining operations.

Item	Details	Proposed	Actual	Remarks
Dump Management	Area afforested (ha) No. of saplings planted cumulative No. of plants cost including watch and care during the year	No plantation is proposed on waste dumps because the waste will be used for backfilling at the end of the life of the mine i.e. after 21 y.	Nil	---
Management of Worked out Benches	Area available for rehabilitation (specify) No of saplings planted in the year. Cumulative no of plants. Any other method of rehabilitation (specify) Cost including watch and care during the year.	No mined area will be formed in 1 st five years. Part of the pit will be back filled at the end of the life of mine & remaining pits will be used for rain waste harvesting in next lease period.	Nil	--
Reclamation & Rehabilitation by back filling	Void available for Backfilling (L x B x D) pit wise Void filled by waste/tailings. Afforestation on the backfilled area. Rehabilitation by making water reservoir Any other means.	No backfilling is proposed for this lease period.	Nil	---
Rehabilitation of waste Land within the lease	Area available(ha) Area rehabilitated Method of rehabilitation	No waste land is available in this lease area. Plantation will take up in safety barrier.	1.26 ha safety zone will be Planted.	---

- vi) Financial Assurance:

As per the G. O.Ms. No. 53, Dt: 27-02-2019, the financial assurance to be submitted to the concern ADMG in the form of Bank Guarantee from a Nationalized Scheduled Bank, to a minimum amount of rupees fifty thousand for the quarry lease granted below 5.000 Ha and rupees ten thousand per Hect or part thereof for the quarry lease granted 5.000 Hects and above. Since the applied lease area is 9.88 ha, the Bank Guarantee will be submitted to the ADMG, Chittoor for the amount of Rs 98,800/- at the time of execution of the quarry lease.

For M/s Sri Vasista Mining

with Lilly

Signature of the Applicant

[Signature]

Signature of the RQP

(Y.THIMMAIAH)
(RQP/DMG/AP/11/2020)

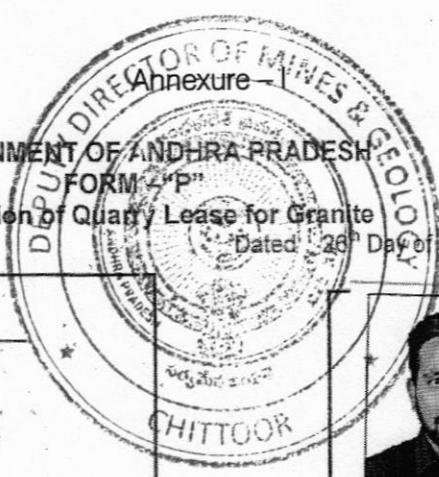
The Mining Plan / Schems is Approved subject to the conditions & stipulations indicated in the Mining Plan / Scheme Approved letter

No: 121/MMP/B01/CTR/2022

Date: 27/01/2022

APPROVED

[Signature]
Deputy Director of Mines & Geology
Chittoor



Annexure - 1
 GOVERNMENT OF ANDHRA PRADESH
 FORM - "P"
 Application of Quarry Lease for Granite
 Dated: 26th Day of January, 2019

Received at _____
 On _____
 Initial of the receiving officer _____



INIRAJ, M.B.B
 ASST. SURGEON
 Reg. No: 34585
 Dist. T.B. CENTRE
 GOVT. HOSPITAL, CHITTOOR
 28/1/19

To
 The Director of Mines & Geology,
 VIJAYAWADA.

(Through the Assistant Director of Mines & Geology, Chittoor)

Sir,

1. I request that a quarry lease under the A.P.M.M.C Rules, 1966 may be granted to me.
2. A sum of Rs. 12,500/- vide Challan No 21108552732018 dated 26.01.2019 and Challan No 21108554612018 dated 26.01.2019 for Rs.2,50,000/- paid online being the fee in respect of this application and deposit respectively payable under sub rule (5-a) of rule 12.

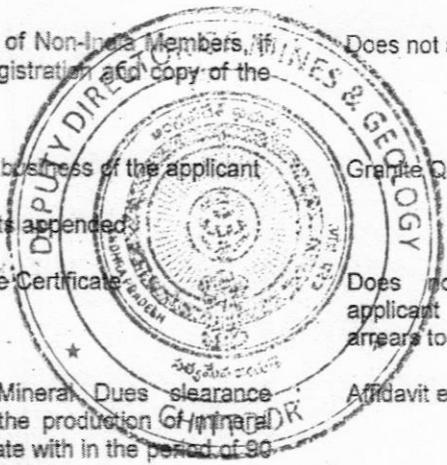
The required particulars are given below:

- i. Name of the Applicant with complete address and status of the Applicant : **M/S SRI VASISTA MINING**
 Mg. Partner B.S.Nithin Kumar Reddy
 S/o B.S.Sreenath Reddy,
 D.No.25-131-B, Sanjeeva Nagar,
 Nandyal, Kurmool Dist A.P 518 501
 Mobile No.9000352266
 PAN NO. ADCFS5854M
 E-mail : nithin@srivasista.com
- ii. Is the applicant a private individual/co-operative/ Firm/ Association/ Private Sector undertaking / Joint Sector undertaking or any other. : Firm
- iii. In case applicant is: Indian
 - a. An individual, his Nationality, Qualification and experience related to quarrying. : ---
 - b. A company an attested copy of the certificate of registration of the company shall be enclosed. : Does not arise
 - c. A firm or association, the Nationality of all the partners of the firm or members of the association : Does not arise

Cont..2

: 2 :

- d. A co-operative, Nationality of Non-India Members, if any along with place of registration and copy of the certificate of registration : Does not arise
- 4. Profession or nature of business of the applicant : Granite Quarrying and sales
- 5. Particulars of documents appended :
 - a. Mineral Dues Clearance Certificate : Does not arise. Since the applicant is not having any arrears to the Government.
 - b. Affidavit in lieu of Mineral Dues clearance Certificate, subject to the production of mineral dues clearance certificate with in the period of 90 days of making the application : Affidavit enclosed
 - c. Affidavit when not holding any quarry lease : Affidavit enclosed
- 6. Mineral which the applicant intends to quarry : Black Granite
- 7. Period for which quarry lease is required : 20 Years
- 8. Extent of the area, for which quarry lease is required : 9,900 Hects.
- 9. Details of the area in respect of which quarry lease is required :



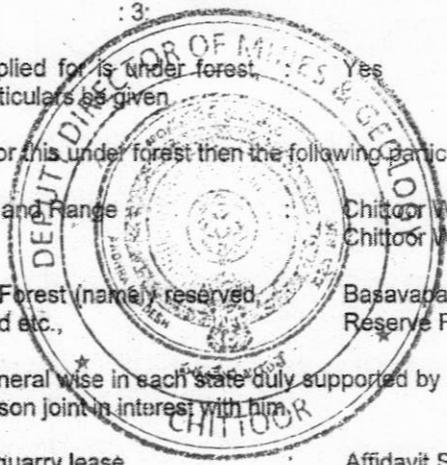
DISTRICT	MANDAL	Name of the Reserve Forest	Survey No	AREA
Chittoor	Gudipala	Basavapalle & Chittapara Reserve Forest	Compartment No. 223 & 227	9,900 Hects

- 10. Brief description of the area with particulars reference to the following
 - a. Does the applicant have surface rights over the area for which is making an application for grant of quarry lease : Forest Land
 - b. If not, has he obtained the consent of the owner, and the occupier of the land for undertaking quarrying operation : Forest Land
- 11. a. A copy of village map which is not in less scale than village map showing the area applied and situation of the area in respect of natural features such as streams or lakes. : Forest Land
Sketch to scale with the particulars enclosed
- b. In the case of village area the name of the village, khasra number, the area in Hect of each field or part hereof applied for : Basavapalle & Chittapara Reserve Forest, Gudipala Mandal, Chittoor Dist
Comp No. 223 & 227
Extent : 9,900 Hects

Cont..3

: 3:

- c. In case the area applied for is under forest, then the following particulars are given : Yes
- 12. In case the area applied for is under forest then the following particulars are to be given
 - a. Forest Division Block and Range : Chittoor West Range
Chittoor West Division
 - b. Legal Statues of the Forest (namely reserved, protected, unclassified etc.,) : Basavapalle & Chittapara Reserve Forest,
- 13. Particulars of the area mineral wise in each state duly supported by an affidavit for which the applicant and any person joint in interest with him
 - a. Already holds under quarry lease : Affidavit Submitted
 - b. Has already applied for, but not granted : Affidavit Submitted
 - c. Being applied for simultaneously : -No-
- 14. Nature of Joint in interest if any : --
- 15. a. Does the applicant hold a prospecting licence over the area mentioned at item.9 above.? If so, give its numbers and date of grant and the date when it is due to expire : No
- b. Has the applicant carried out the prospecting operation over the area under P.L. and send his report to the State Govt. if not, state reasons for not doing so : Does not arise
- c. Nature of the land chosen for dumping over burden/waste and failings (that is type of land whether agricultural, grazing land, barren, saline land etc.,) and whether proposed site has been shown on the mine working plan. Give also the extent of area in hectares set apart for dumping of waste and failings : Within the leased area.
- 16. A Report giving the details of prospecting carried out in the area together with assessment of the ore reserves, geological plans, results of chemical analysis of the representative samples and bore holes and logs : --
- 17. Manner in which the Mineral raised is to be utilized
 - a. i. If for captive use, the location of plant and industry. : For sale
 - ii. For sale to indigenous consumption : --
 - B If for export to foreign countries



4. i. Names of the countries to which it is likely to be exported where the name is being setup on 100% export oriented or tied up basis.

ii. Whether Minerals will be exported in raw form or after processing. Also indicate the state of processing, whether intermediate state or final state of the end product.

c. If it is to be used with in the country, indicate the industries in which it would be used. Whether it will be supplied in raw form or after processing.



- 18 i. Financial resources of the applicant : Self investment
- ii. Anticipated yearly financial investments during the Course of quarry construction and aggregate investment upto the state of commencement of commercial production. : Rs.25,00,000-00
19. The application form should be accompanied by a statement of the salient features of the scheme of quarrying. This should be generally on the lines of the project at a glance given in a quarrying feasibility report including features relating to the protection of environment. : Prospecting report will be submit within a year.

I / do hereby declare that the particulars furnished above are correct and I am ready to furnish any other details including accurate plans and security deposit as may be required by you.

Place : Chittoor.

Date : 26.01.2019

Yours faithfully,
M/s Sri Vasista Mining

(Signature)
(B.S.Nithin Kumar Reddy)
Mg.Partner

Note :

1. If the application is signed by any authorized agent of the applicant then the power of attorney should be attached.
2. The application should relate to one compact area only except when the application for Q.L is for an area already held under P.L by the applicant.



APTC FORM-18

GOVERNMENT OF ANDHRA PRADESH



Challan No: 21106552732016
 Treasury/PAO Code:1102
 CFMS Transaction ID: 20073575490098
 Major Head: 0853 Non-Ferrous Metallurgical Industries
 Sub-Major Head: 00 Not Applicable
 Minor Head: 102 Mineral Concession Fees, Rents and Royalties
 Group Sub-Head: 00 Not Applicable
 Sub-Head: 61 Other Receipts
 Detailed Head: 000 Not Applicable
 Sub-Detailed Head: 000 Not Applicable
 Charged/Voted: V
 Non-Contingency/Contingency: N
 Amount Rs: 12500.00
 Amount in words Rs: Twelve thousand five hundred only

Purpose: APPLICATION FEE AND SURVEY CHARGES

Remitter's Name & Address: SRI VASISTA MINING
Mg. Partner B.S.NBIN Kumar Reddy, S/o B.S.Sreenath Reddy, Nandyal, Kurnool Dist A.P

DDO Code: 11021307001
ADM INS.GEO. CHITTOOR

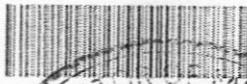
Status: Payment Transaction Successful

Bank Reference Number: CPM0580284

Payment Date: 26/01/2019

Received Rs: 12500.00

Note: This Challan does not need encashment of the treasury



APCC FORM-10
GOVERNMENT OF ANDHRA PRADESH

Challan No: 21100554612018
 Treasury/PAO Code: 102
 CFMS Transaction ID:
 Major Head:
 Sub-Major Head:
 Minor Head:
 Group Sub-Head:
 Sub-Head:
 Detailed Head:
 Sub-Detailed Head:
 Charged/Voted:
 Non-Contingency/Contingency:
 Amount Rs:
 Amount in words Rs:



Challan Creation Date & Time: 26/01/2019 4:11:46 PM

Purpose: APPLICATION FEE DEPOSIT AMOUNT

Remitter's Name & Address: SRI VASISTA MINING
Mg. Partner B.S.Nithin Kumar Reddy, S/o B.Sreenath Reddy, Nandyal, Kurnool Dist A.P

DDO Code: 11021307001
ADM INS.GEO. CHITTOOR

Status: Payment Transaction Successful

Bank Reference Number: CPM600221

Payment Date: 26/01/2019

Received Rs. 250000.00

Note: This Challan does not need enforcement of the treasury



ఆంధ్రప్రదేశ్ రాష్ట్రం ANDHRA PRADESH
 No. 1079 Rs. 50 Date 25.1.2019
 old To: S. Nithin Kumar Reddy
 or Whom: Mg. Partner M/s Sri Vasista Mining
 Nandyal Kurnool Dist A.P.
AFFIDAVIT

K. VEENA
 AL 376864
 K. VEENA
 LICENCED STAMP VENDOR
 L.No. 10-23-001/2012
 R.No. 10-23-001/2012
 #2-14933 OFFICERS LANE
 KONGAREDDYPALLI CHITTOOR
 CELL 9440133547

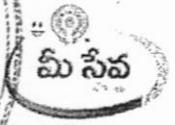
I, B.S.Nithin Kumar Reddy S/o B.Sreenath Reddy aged about 33 years,
 Mg.Partner: M/s Sri Vasista Mining at D.NO.25-131-B Sanjeeva Nagar, Nandyal,
 Kurnool Dist A.P 518 501 do hereby solemnly affirm and state as follows that:

- I am Indian National by birth.
- I am newly entering in the mining field.
- As such I am not having any Mining Leases/ Quarry Leases anywhere in the State of Andhra Pradesh.
- As such I am not having any mineral revenue arrears to the Govt. of Andhra Pradesh or to the Central Govt. of India.
- Now I am filling this affidavit in the place of M.R.C.C. as required under A.P.M.M.C Rules 1966.
- I take oath and declare that the facts stated above are true and correct to the best of my knowledge, belief and I am not concealed or misrepresented the facts mentioned in the affidavit.

Yours faithfully,
 For Sri Vasista Mining
 (B.S.NITHIN KUMAR REDDY)
 Mg.Partner



Signed before me on this 25th day of January 2019.
 Govt. of Andhra Pradesh
 SL.59, GOVSA, District Office,
 Revenue Section, Chittoor
 #2, Sri Vasista Mining
 Godipati, Chittoor Dist.



GOVERNMENT OF ANDHRA PRADESH 70689949
 REGISTRATION AND STAMPS DEPARTMENT
 THE REGISTRAR OF FIRMS
 Nandyal

Acknowledgement of Registration of Firm

The Registrar of Firms, Nandyal hereby acknowledges the receipt of the statement prescribed by section 58(1) of the Indian Partnership Act, 1932.

The statement has been filed and the name of the firm SRI VASISTA MINING, has been entered in the Register of Firms as No. [No : 86 of 2016] at Nandyal.



[Handwritten Signature]
 REGISTRAR OF FIRMS

Date: 04 August 2016

Signature valid
 Digitally signed
 by Sandhya Saha
 Sub Registrar
 Date: 06.08.04
 13:23:09 IST

For M/s. SRI VASISTA MINING
[Handwritten Signature]
 Managing Partner

Note: This is a Digitally Signed Certificate, does not require physical signature. And this certificate can be verified at www.ap.mee seva.gov.in by furnishing the application number mentioned in the Certificate.

GOVERNMENT OF ANDHRA PRADESH
DEPARTMENT OF MINES AND GEOLOGY

ANNEXURE -IA

From
Sri K.L.V Prasad, M.Sc., M.Tech
Deputy Director of Mines & Geology,
CHITTOOR.

To
M/s. Sri Vasista Mining,
Mg. Ptnr: Sri B.S. Nithin Kumar Reddy,
6-2-350, Banjara Hills Road,
No. 3, Hyderabad-500034.

Lr.No.2584/MP/BG/CTR/2021 dt. 06-10-2021

Sir,

Sub: Mines & Minerals - Application of Mining Plan filed by M/s. Sri Vasista Mining, Mg.Ptnr: Sri B.S. Nithin Kumar Reddy for Black Granite over an extent of 9.880 Hectares in Compartment No.223 & 227 of Chittapara & Basavapalli RF, Chittoor West Division, Gudipala Mandal in Chittoor District - Approved - Regarding.

- Ref: 1. Memo No.2107/D13-1/2020, dated:09.08.2021 of the Director of Mines and Geology, Ibrahimpattanam.
2. Draft Mining Plan submitted on 07.09.2021 filed by M/s. Sri Vasista Mining, Mg.Ptnr: Sri B.S. Nithin Kumar Reddy.
3. Inspection report submitted by this office Technical Staff.
4. This Office Letter No.2584/MP/BG/CTR/2021, dt:24.09.2021.
5. Letter dated:04.10.2021 along with 5 sets of fair Mining Plan from the applicant/RQP.

In exercise of the powers conferred by the Government of Andhra Pradesh, through the reference 1st cited, I hereby approve the Mining Plan for the period of five (05) years in respect of application for Black Granite over an extent of 9.880 Hectares in Compartment No.223 & 227 of Chittapara & Basavapalli RF, Chittoor West Division, Gudipala Mandal in Chittoor District filed by M/s. Sri Vasista Mining, Mg.Ptnr: Sri B.S. Nithin Kumar Reddy under Rule 12 of Granite Conservation Development Rules, 1999. This approval is subject to the following conditions.

1. *This Mining Plan is approved without prejudice to any other laws applicable to the quarry lease from time to time whether such laws are made by the Central Government, State Government or any other authority.*
2. *It is clarified that this approval of the Mining Plan does not in any way imply the approval of the Government in terms of any other provisions of the Mines and Minerals (Development and Regulation) Amendment Act, 2015 and any other laws including the Forest Conservation Act, 1980 and APMMC Rules, 1966.*
3. *It is further clarified that the approval of the mining plan is subject to the provisions of the Forest Conservation Act, 1980 and Forest conservation rules, 2003 and other relevant statues, orders and guidelines as may be applicable to the lease area from time to time.*
4. *This office has not undertaken verification of the quarry lease boundary on the ground and does not undertake any responsibility regarding correctness of the boundaries of the lease hold should on the ground with reference to the lease map and other plans furnished by the applicant.*

Cont..2

-2-

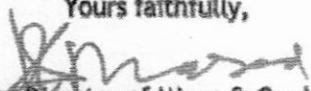
5. The Q.L. area is as shown on the statutory plans by the applicant is certified by the competent authority with GPS readings of the boundary points of the lease and this office has not under taken the ground truth verification of the quarry lease boundary and pillars on the ground.
6. The approval authority does not owe responsibility with regard to recovery factor of Black Granite and assessment of reserves, any erroneous certification made by the R.Q.P. if any; since the evaluation is done on random basis.
7. The Mining Plan is approved subject to strictly adhering to the relevant Regulations of MMR, 1961 and obtaining prior permission from the Director General Mines Safety whenever and wherever it is required.
8. The applicant/lessee shall safeguard the structures, public buildings, roads, railway line, electric line and water bodies exists if any as per regulations 109 & 127 of MMR, 1961.
9. The approval authority does not owe responsibility with regard to erroneous certification made by the R.Q.P if any and approval is tentative subject to modification of new findings at a later date as per the provisions of Rules inforce, since the evaluation is done on random basis.
10. The proposals contained in the approved Mining Plan shall be applicable from the date of execution of the lease and for the mining activities to be carried out within the lease hold area as per the approved mining plan only.

If anything is found to be concealed as required by the Mines Act in the contents of the approved Mining Plan and the proposal for rectification has not been made or if at later stage the information furnished in the document to be incorrect or misrepresentation of facts, the approval shall be revoked with immediate effect.

NB: This approval become null and void if it found grossly inequitable, made under a mistake of fact, owing to the mis-representation, fraud or in excess of authority. The applicant is not liable to claim any lease held rights till the execution of the lease deed.

Encl: (2 copies of A.M.P.)

Yours faithfully,


Deputy Director of Mines & Geology,
CHITTOOR.

Copy submitted to :

- 1) The Director of Mines & Geology, Ibrahimpatnam for favour of kind information.
- 2) The Regional Controller of Mines, IBM, Sultan Bazar, Hyderabad for information.
- 3) The Director of Mines Safety, Hyderabad for favour of kind information.

Copy to the Asst. Director of Mines & Geology, Chittoor along with A.M.P and if any variations noticed in the A.M.P the same shall be brought to the notice of the Undersigned immediately for taking further necessary action.



सत्यमेव जयते

भारतसर्वकार
 GOVERNMENT OF INDIA
 पर्यावरण, वन्यजीवजलवायुपरिवर्तनमंत्रालय
 MINISTRY OF ENVIRONMENT, FORESTS & CLIMATE
 CHANGE

Integrated Regional Office, Vijayawada

Green House Complex, Gopal Reddy Road

Vijayawada - 520010, Andhra Pradesh

email: iro.vijayawada@meltc@gov.in

ANNEXURE - 1 B

F.No. 4-APB142/2021-VIJ/111

Date 23rd December, 2021

To,

The Secretary to the Government of Andhra Pradesh,
 Environment, Forests, Science & Technology Department,
 Government of Andhra Pradesh, Room No.268, 1st Floor, 4th Block,
 Andhra Pradesh Secretariat, Velagapudi, Amaravati Guntur District-522503

Subject: Diversion of 9.88 ha of forest land falling in Compartment Nos.223 & 227 of Chittapara and Basivipalli RFs respectively, Chittoor West Range, Chittoor West Division & Chittoor District in favour of M/s. Sri Vasista Mining (Mg.Partner - Sri B.Nithin Kumar Reddy) for grant of quarry lease for Black Granite- reg

Reference: The State Government's letter No. 1216/ Section .II /2021/(1453076) dated 03.11.2021 and online proposal No FP/AP/QR/121210/2021.

Sir,

With reference to the subject and reference, it is to inform that, upon examination of the approved mining plan submitted along with the instant proposal, it is revealed that the, mining plan approved by the Department of Mines and Geology, Govt of Andhra Pradesh is for an **extent of 9.88 ha; however, component wise breakup mentioned in the approved mining plan differs with the component wise breakup mentioned in the subject proposal submitted under FCA, 1980.** In view of the above, it is requested that modified approved mining plan correcting all discrepancies and **indicating actual extent of area for mining & dumping purpose separately within 8.60 ha earmarked for the same.**

In addition to the above, it is also requested to submit the following information received from the Director of Mines & Geology as sought by the PCCF (HoFF);

1. Details of alternative explored along with map
2. Details of other mining leases with their capacity and average annual production and projected future requirement.

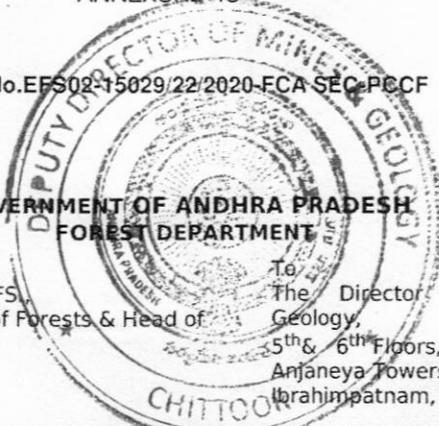
Yours faithfully,

(N.S.Murali)

Inspector General of Forests (Central)

ANNEXURE -IC

File No.EFS02-15029/22/2020-FCA SEC-PCCF



GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT

From
Sri N. Prateep Kumar, IFS,
Prl. Chief Conservator of Forests & Head of
Forest Force,
Andhra Pradesh,
Guntur - 522 004.

To
The Director of Mines &
Geology,
5th & 6th Floors,
Anjaneya Towers,
Brahmapatnam, Krishna District.

Ref. no. EFS02-15029/22/2020-FCA SEC-PCCF/FCA-1,
Dated:09/01/2022.

Sir,

Sub: APFD - F (C) Act, 1980 - Proposal for diversion of 9.88 ha of forest land falling in Compartment nos.223 & 227 of Chittapara and Basavapalli RFs respectively, Chittoor West Range, Chittoor West Division, Chittoor District in favour of M/s. Sri Vasista Mining, Hyderabad (Managing Partner- Sri B.S.Nithin Kumar Reddy) for grant of quarry lease for Black Granite - Information requested - Reg.

Ref:- Gol, MoEF&CC, IRO, Vijayawada, F.no.4-APB142/2021-VIJ/111, dt.23.12.2021.

☒×☐☐☐☒

A copy of the reference cited is enclosed herewith.

It is requested to furnish the following information in respect of the subject proposal to submit the same to the Government of India, MoEF&CC, IRO, Vijayawada, for consideration of the proposal by the Government of India under the Forest (Conservation) Act, 1980.

1. Details of alternatives explored along with map.
2. Projected future requirement of black granite mineral.
3. Modified mining plan.

Yours faithfully,

Encl:- As above.

N Prateep Kumar IFS
Prl.Chief Conservator of Forests &
Head of Forest Force

Copy to the Chief Conservator of Forests, Ananthapuramu for information.

Copy to the Divisional Forest Officer, Chittoor West for information.

Copy to the Managing Partner (B.S.Nithin Kumar Reddy), M/s. Sri Vasista Mining, Sri Vasista Apurva, 8-2-350/3/2, 501, Road No.3, Banjara Hills, Hyderabad for information. He is requested to pursue the above matter with DMG, A.P, Vijayawada and see that the information reaches this office for further action.

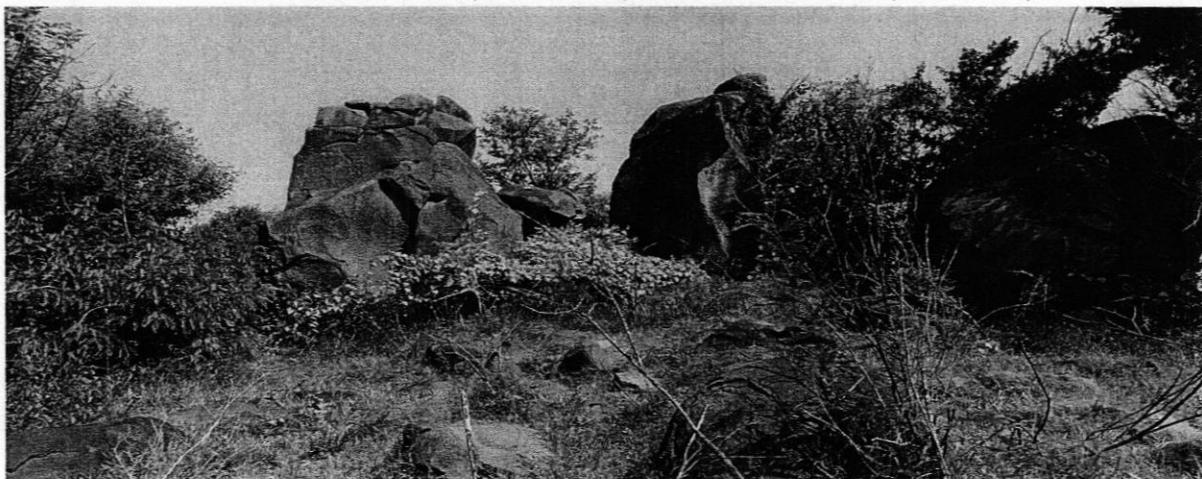
ANNEXURE-II



- 1) Picture shows the contact zone between the Grey Granite and Black Granite in Comp. No.277 & 223 of Basivipalli & Chittapara R.F, in Chittoor West Range and Chittoor West Division, A.P.



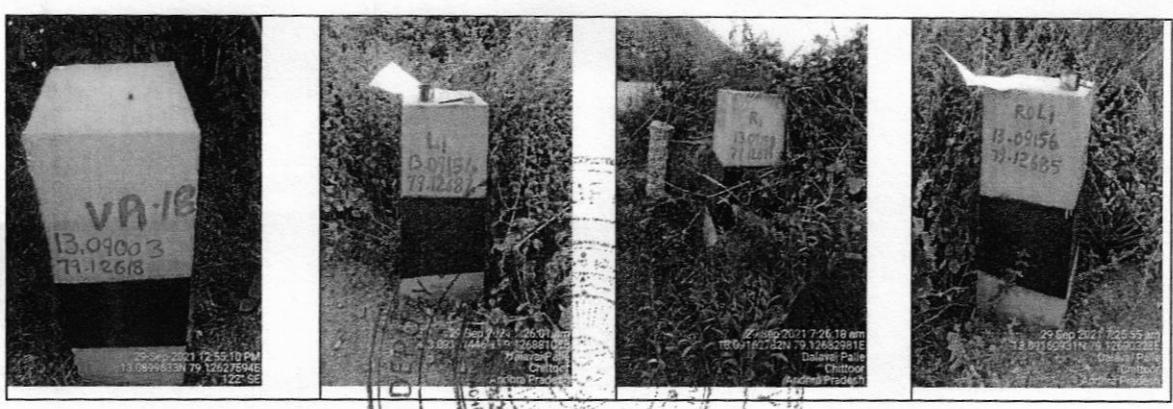
- 2) Picture shows sheet rock of Black Granite exposed in Comp. No.277 & 223 of Basivipalli & Chittapara R.F,



- 3) Picture shows the Boulders of Black Granite exposed on No.277 & 223 of Basivipalli & Chittapara R.F, In Chittapara Beat of Chittoor West Range and Chittoor West Division, A.P...

2
Pictures of the boundary pillars erected to the applied Q.L. area of Black Granite in Comp. No. 277 & 223 of Basivipalli & Chittapara R.F In Chittapara Beat of Chittoor West Range and Chittoor West Division, A.P.





Annexure – III




GOVERNMENT OF ANDHRA PRADESH
DEPARTMENT OF MINES AND GEOLOGY
★
CERTIFICATE OF REGISTRATION
AS QUALIFIED PERSON TO PREPARE MINING PLAN
[Under Rule 14(2) of Granite Conservation and Development Rules 1999]

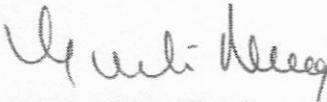
Sri Y. Thimmaiah S/o Sri.Y. Lingappa, F.No.61205, Indu Fortune Fields Gardenia
KPHB-13th Phase, Hi-tech City – JNTU-Road, Hyderabad-500085. *whose photograph is
affixed herein above, having given evidence of his qualification and experience is hereby
granted recognition under rule 14(3) of Granite Conservation & Development Rules, 1999
as Qualified Person to prepare Mining Plans/ Schemes.*

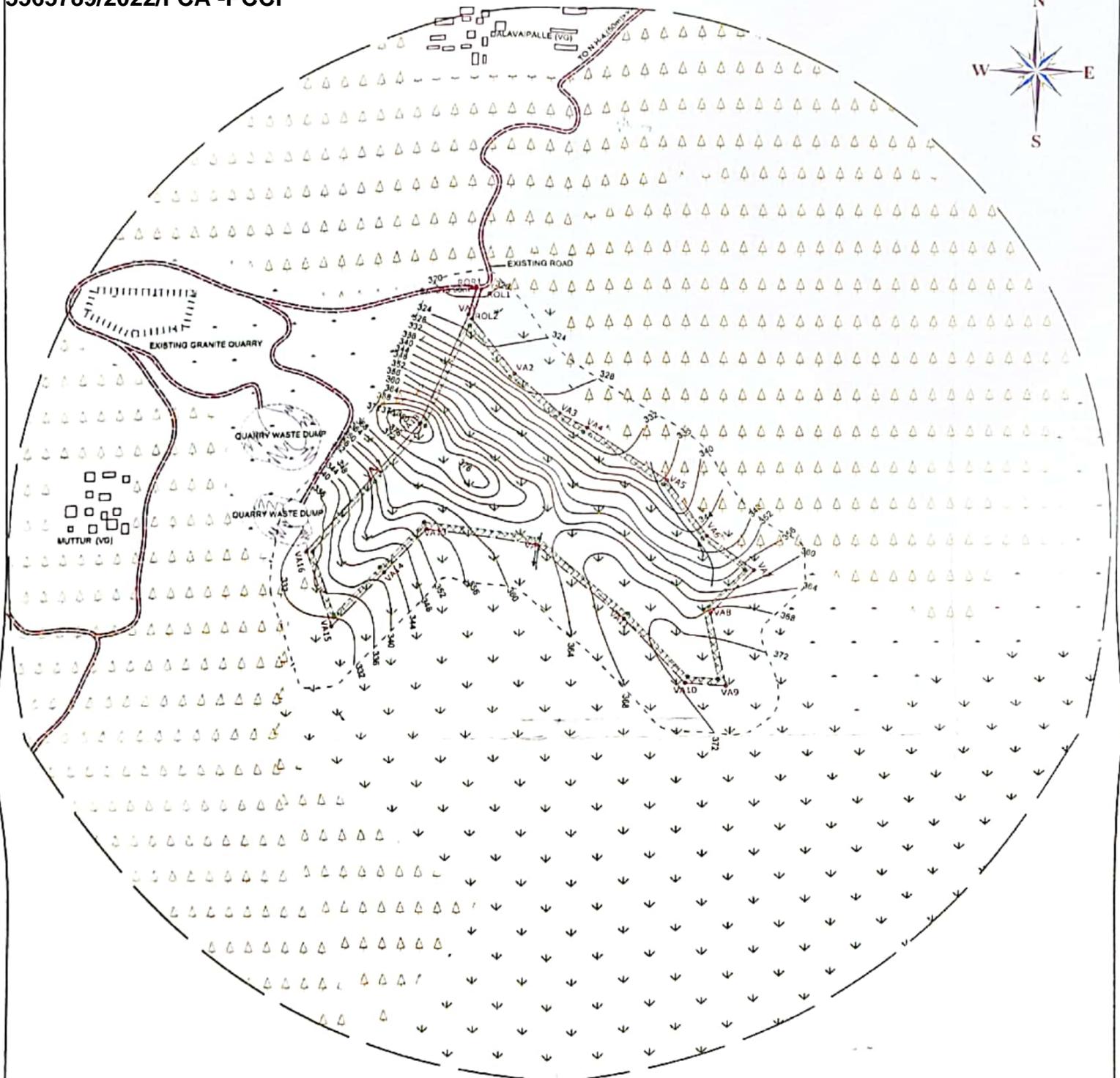
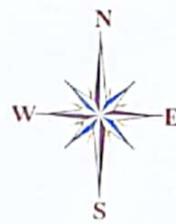
Registration Number is : RQP/DMG/AP/11/2020

*This Recognition is valid for a period of 10 years with effect
from 07.05.2020 and valid upto 06.05.2030.*

*This certificate will liable to be withdrawn/cancelled in the event of furnishing the
wrong information /documents in the Mining Plan submitted by him.*

Place: Ibrahimpotnam
Date :10.07.2020.


Director of Mines & Geology



Co-Ordinates of Applied Area (DATUM: WGS 84)

Name	N-Latitude	E-Longitude
VA-1	13 09127002	79 12871018
VA-2	13 09008794	79 12724132
VA-3	13 09015200	79 12776107
VA-4	13 08990050	79 12808149
VA-5	13 09037359	79 12808918
VA-6	13 08872000	79 12946011
VA-7	13 09033081	79 12909028
VA-8	13 08782001	79 12949008
VA-9	13 08897815	79 12907518
VA-10	13 08701335	79 12921073
VA-11	13 08778500	79 12928001
VA-12	13 09000021	79 12782984
VA-13	13 09080108	79 12826011
VA-14	13 09031013	79 12879011
VA-15	13 091771010	79 12810037
VA-16	13 09080501	79 12480050
VA-17	13 09101017	79 12500050
VA-18	13 09003002	79 12618051
VA-19	13 09114023	79 12612018
VA-20	13 09053027	79 12710550
VA-21	13 09053027	79 12711218
VA-22	13 09010182	79 12801105
VA-23	13 09092314	79 12841004
VA-24	13 09011018	79 12940178
VA-25	13 09060500	79 12940178
VA-26	13 09032170	79 12940178
VA-27	13 09078020	79 12940178
VA-28	13 09078020	79 12950000
VA-29	13 09078020	79 12921075
VA-30	13 09078020	79 12957450
VA-31	13 09080117	79 12786025
VA-32	13 09080117	79 12842533
VA-33	13 09080117	79 12842533
VA-34	13 09080117	79 12810011
VA-35	13 09078020	79 12495001
VA-36	13 09080117	79 12504436
VA-37	13 09080117	79 12623004
VA-38	13 09080117	79 12623004
VA-39	13 09120118	79 12810011
VA-40	13 09120118	79 12810011
VA-41	13 09120118	79 12810011
VA-42	13 09120118	79 12810011
VA-43	13 09120118	79 12810011
VA-44	13 09120118	79 12810011
VA-45	13 09120118	79 12810011
VA-46	13 09120118	79 12810011
VA-47	13 09120118	79 12810011
VA-48	13 09120118	79 12810011
VA-49	13 09120118	79 12810011
VA-50	13 09120118	79 12810011

THE PLAN & SECTIONS ARE PREPARED AS PER APPLIED Q.L. SKETCH

For M/s. SRI VASISTA MINING

SIGNATURE OF THE Managing Partner: THIMMAIAH (R.Q.P.)

INDEX

DETAILS OF THE APPLIED Q.L. AREA

	SAFETY ZONE AREA: 1.28 Ha		EXISTING ROADS
	MINING AREA: 0.88 Ha		NALA
	AREA FOR ROAD: 0.27 Ha		R.F. AREA
	TOTAL AREA APPLIED FOR Q.L.: 0.88 Ha		AGRICULTURE LAND
	BENCH MARK		WASTE LAND
	CONTOURS		60 m ZONE
			500 m ZONE

BM 310.00m

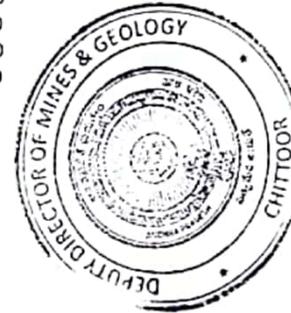
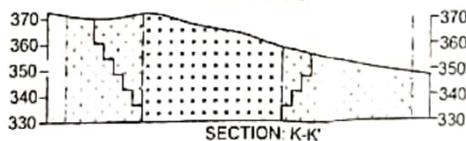
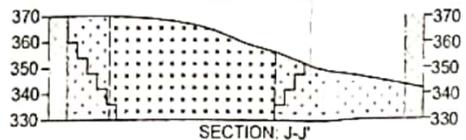
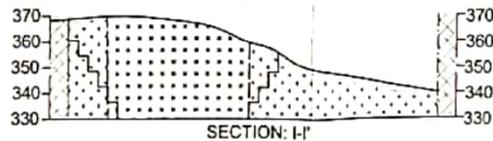
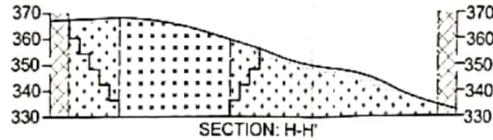
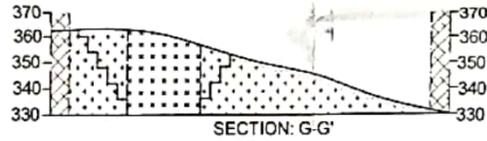
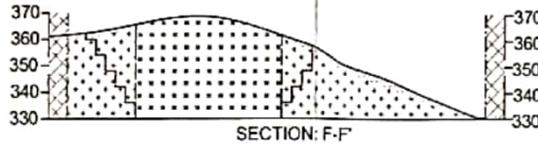
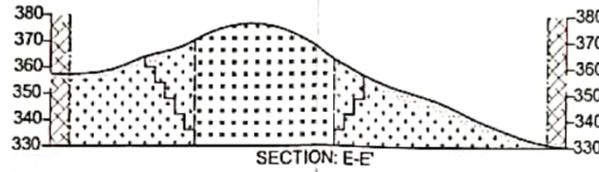
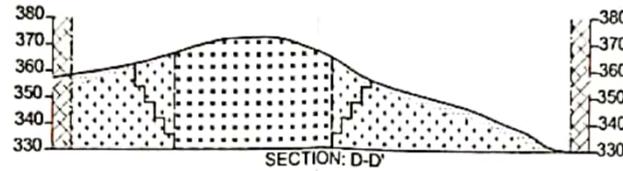
MODIFIED MINING PLAN FOR BLACK GRANITE

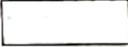
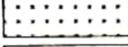
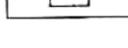
OVER AN EXTENT OF 0.88 Ha. IN COMPARTMENT No. 227 OF BASIVPALLI R.F. AND IN COMPARTMENT No. 223 OF CHITTAPARA R.F. CHITTOOR WEST RANGE OF CHITTOOR DIVISION, A.P.

APPLICANT: M/s SRI VASISTA MINING

ENVIRONMENT PLAN

SCALE 1 : 5000 CONTOUR INTERVAL: 4 m PLATE - 6



- INDEX**
-  7.5m SAFETY BARRIER
 -  SOIL COVER
 -  BLACK GRANITE
 -  GREY GRANITE
 -  PROVED ZONE
 -  ULTIMATE PIT LIMIT

THE PLAN & SECTIONS ARE PREPARED AS PER DGPS SURVEYED SKETCH

For M/s. SRI VASISTA MINING

with Lilly
 Managing Partner
 SIGNATURE OF THE APPLICANT

Y. Thimmaiah
 Y. THIMMAIAH (R.Q.P.)

MODIFIED MINING PLAN FOR BLACK GRANITE

OVER AN EXTENT OF 9.88 Ha, IN COMPARTMENT No. 227 OF BASIVIPALLI R.F. AND IN COMPARTMENT No.223 OF CHITTAPARA R.F. CHITTOOR WEST RANGE OF CHITTOOR DIVISION, A.P.

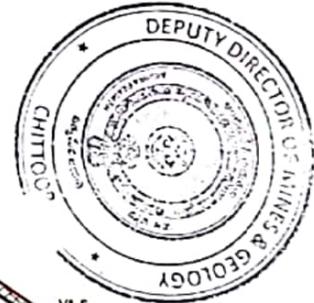
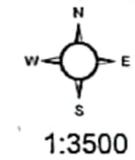
APPLICANT: M/s SRI VASISTA MINING

GEOLOGICAL CROSS SECTIONS

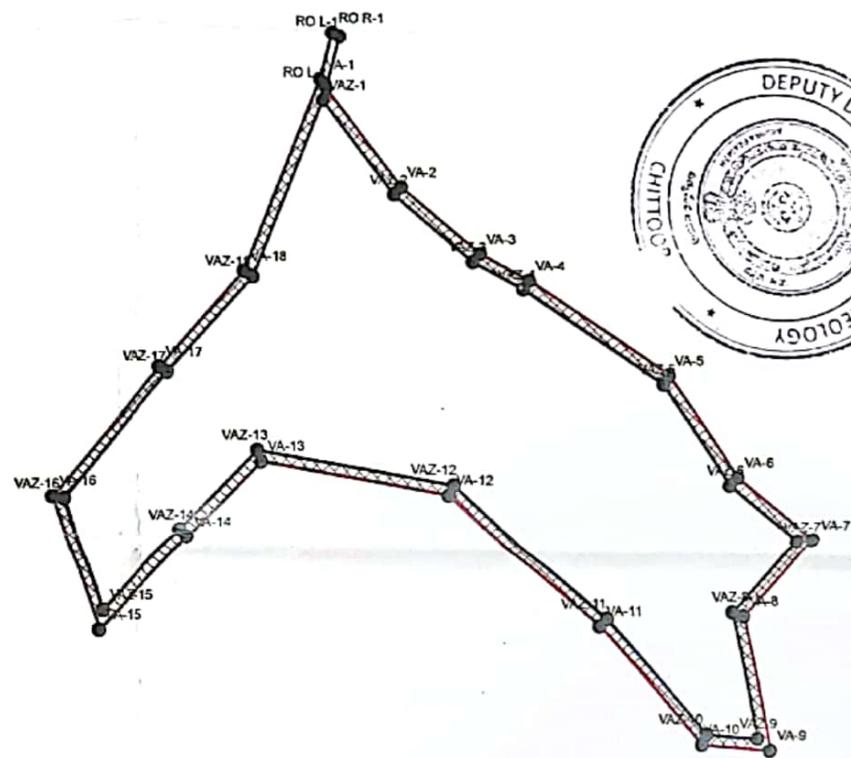
SCALE 1 : 2000

PLATE - 3A

Map Showing the Diversion of Forest Land in Comp.No-227 of Basivipalli RF,Chittapara Beat ana Comp.No-223 of Chittapara RF,Chittapara Beat,Chittoor West Range,Chittoor West Division in f/o M/s Sri Vasista Mining.



S no	Name	Northing	Easting	Elevation	Latitude	Longitude	Elevation
1	VA-1	1447982.29	296899.703	322.705	13.09127992	79.12671016	233.048
2	VA-2	1447905.257	296956.946	327.782	13.09058754	79.1272432	238.121
3	VA-3	1447855.758	297012.842	332.024	13.09015296	79.12776187	242.361
4	VA-4	1447837.429	297047.365	331.354	13.08998058	79.12808149	241.688
5	VA-5	1447769.544	297145.311	336.239	13.08937359	79.12898918	246.568
6	VA-6	1447697.952	297194.773	346.798	13.08872986	79.1294501	257.125
7	VA-7	1447653.368	297252.921	358.181	13.08833081	79.12998926	268.504
8	VA-8	1447598.202	297199.327	368.582	13.08782864	79.12949888	278.906
9	VA-9	1447503.961	297217.749	373.969	13.08697815	79.12967516	284.290
10	VA-10	1447508.224	297168.058	372.882	13.08701336	79.12921673	283.206
11	VA-11	1447590.932	297093.754	371.475	13.08775589	79.12852601	281.803
12	VA-12	1447685.148	296986.405	362.344	13.08860021	79.12752984	272.678
13	VA-13	1447708.374	296851.031	353.987	13.08880106	79.12628011	264.327
14	VA-14	1447655.331	296798.141	340.493	13.08831813	79.1257961	250.834
15	VA-15	1447583.567	296771.948	330.748	13.08771029	79.12519037	241.089
16	VA-16	1447685.047	296699.07	333.424	13.0885891	79.12488058	243.768
17	VA-17	1447774.847	296778.794	349.284	13.089397	79.12560956	259.628
18	VA-18	1447844.425	296841.235	381.489	13.09003002	79.12618051	291.831
19	VAZ-1	1447957.484	296901.544	324.128	13.09114623	79.12672815	234.471
20	VAZ-2	1447899.623	296951.739	329.805	13.09053627	79.12719558	240.144
21	VAZ-3	1447851.134	297007.442	332.989	13.09010182	79.12771246	243.325
22	VAZ-4	1447831.107	297043.029	332.343	13.08992314	79.12804195	242.678
23	VAZ-5	1447693.299	297140.911	336.447	13.08931686	79.12894904	246.777
24	VAZ-6	1447692.58	297189.492	347.274	13.08868096	79.12940178	257.601
25	VAZ-7	1447652.453	297241.753	357.948	13.08832179	79.12988635	268.271
26	VAZ-8	1447600.921	297191.37	367.302	13.08785269	79.12942533	277.626
27	VAZ-9	1447512.279	297208.461	374.212	13.08705271	79.12958896	284.533
28	VAZ-10	1447515.429	297171.693	373.563	13.08707871	79.12924975	283.887
29	VAZ-11	1447595.239	297099.059	371.428	13.08780421	79.12857456	281.756
30	VAZ-12	1447692.178	296989.755	362.638	13.08866397	79.12756025	272.972
31	VAZ-13	1447716.263	296848.42	354.738	13.08887219	79.12625551	265.078
32	VAZ-14	1447660.5	296792.795	341.184	13.08836539	79.12574645	251.525
33	VAZ-15	1447602.413	296735.135	332.149	13.08783565	79.12521881	242.490
34	VAZ-16	1447684.401	296707.633	334.695	13.08857479	79.12495964	245.039
35	VAZ-17	1447771.501	296784.712	350.2	13.08936714	79.12566435	260.543
36	VAZ-18	1447840.347	296847.618	381.634	13.08999358	79.12623964	291.977
37	RO L-1	1448013.377	296914.642	319.663	13.09156188	79.12684578	230.007
38	RO L-2	1447976.346	296904.271	323.334	13.0912265	79.12675223	233.677
39	RO R-1	1448016.057	296909.269	320.032	13.09158574	79.12679605	230.376



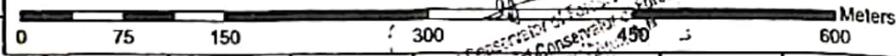
S no	Name	Area(Ha)
1	Bit1	8.60
2	Bit2	1.26
3	Bit3	0.02
Total Area		9.88

Legend

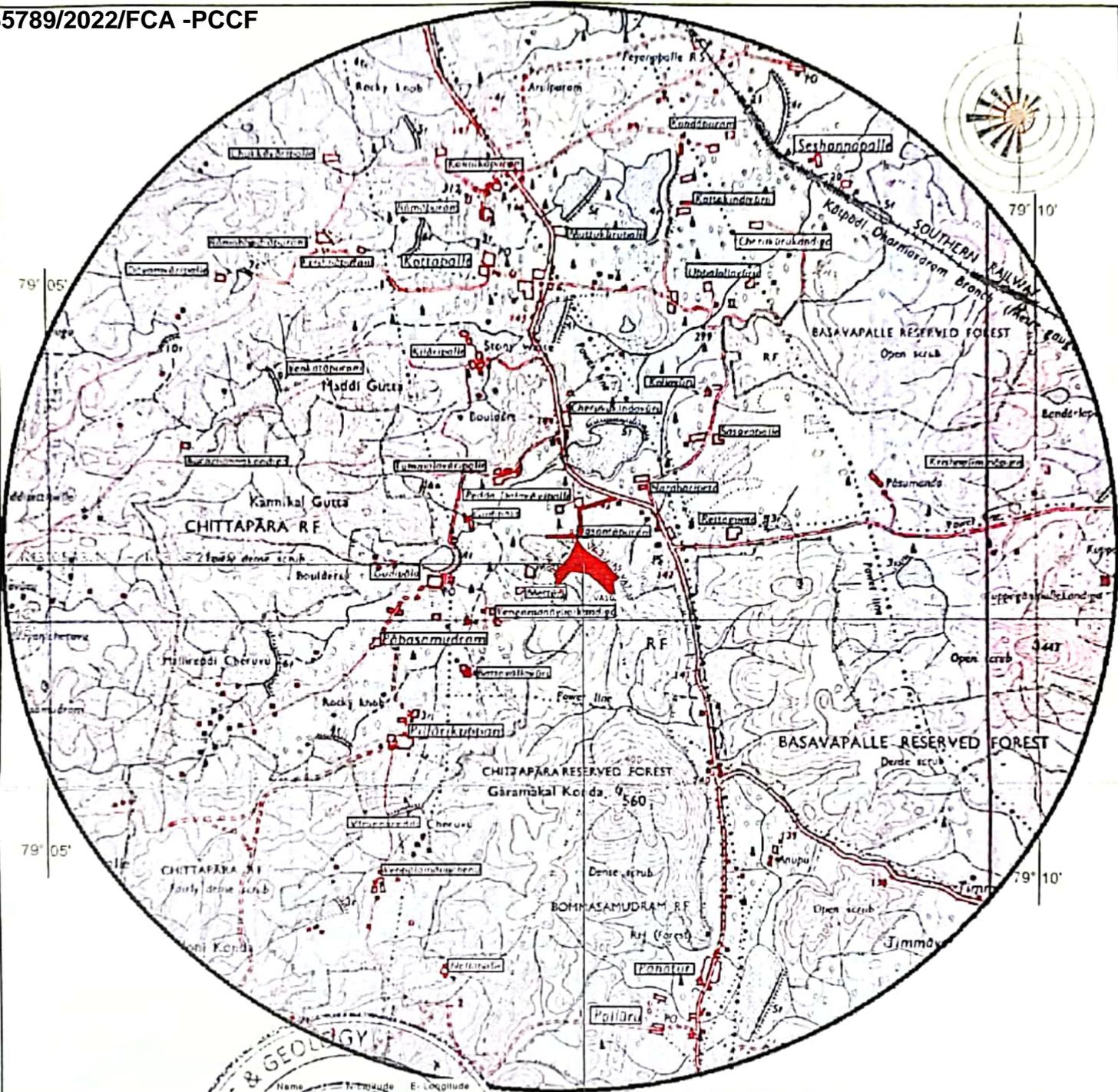
- DGPS Points
- Mining Area
- ▨ Safety Zone Area
- Road Area

Divisional Forest Officer
Chittoor West Division, Chittoor

The DGPS/GNSS/ETS data is only verified, the absolute locations of Points shall be verified by the concerned field officers.



C. Muralidhar Babu
FOREST RANGE OFFICER (GIS), O/o. Pri.CCF (HoF) Aranyabhava, Guntur.



E 78° 07' 29.57" - E 78° 07' 47.96"

INDEX

- APPLIED O. L. AREA
- CONTOUR LINE
- PUBLIC ROAD
- WATER COURSE
- TANKS
- VILLAGES
- FOREST LAND
- CULTIVATION LANDS
- 5Km RADIUS

Name	N. Latitude	E. Longitude
VA-1	13 06 27 928	78 12 6 016
VA-2	13 06 26 754	78 12 24 302
VA-3	13 06 18 206	78 12 27 761
VA-4	13 06 06 008	78 12 08 140
VA-5	13 06 03 354	78 12 06 016
VA-6	13 05 52 069	78 12 04 503
VA-7	13 05 43 061	78 12 03 026
VA-8	13 05 32 089	78 12 01 088
VA-9	13 05 27 015	78 11 59 756
VA-10	13 05 13 036	78 11 57 273
VA-11	13 05 07 568	78 11 55 201
VA-12	13 05 00 000	78 11 52 200
VA-13	13 04 50 000	78 11 50 000
VA-14	13 04 40 000	78 11 48 000
VA-15	13 04 30 000	78 11 46 000
VA-16	13 04 20 000	78 11 44 000
VA-17	13 04 10 000	78 11 42 000
VA-18	13 04 00 000	78 11 40 000
VA-19	13 03 50 000	78 11 38 000
VA-20	13 03 40 000	78 11 36 000
VA-21	13 03 30 000	78 11 34 000
VA-22	13 03 20 000	78 11 32 000
VA-23	13 03 10 000	78 11 30 000
VA-24	13 03 00 000	78 11 28 000
VA-25	13 02 50 000	78 11 26 000
VA-26	13 02 40 000	78 11 24 000
VA-27	13 02 30 000	78 11 22 000
VA-28	13 02 20 000	78 11 20 000
VA-29	13 02 10 000	78 11 18 000
VA-30	13 02 00 000	78 11 16 000
VA-31	13 01 50 000	78 11 14 000
VA-32	13 01 40 000	78 11 12 000
VA-33	13 01 30 000	78 11 10 000
VA-34	13 01 20 000	78 11 08 000
VA-35	13 01 10 000	78 11 06 000
VA-36	13 01 00 000	78 11 04 000
VA-37	13 00 50 000	78 11 02 000
VA-38	13 00 40 000	78 11 00 000
VA-39	13 00 30 000	78 10 58 000
VA-40	13 00 20 000	78 10 56 000
VA-41	13 00 10 000	78 10 54 000
VA-42	13 00 00 000	78 10 52 000
VA-43	13 00 00 000	78 10 50 000
VA-44	13 00 00 000	78 10 48 000
VA-45	13 00 00 000	78 10 46 000
VA-46	13 00 00 000	78 10 44 000
VA-47	13 00 00 000	78 10 42 000
VA-48	13 00 00 000	78 10 40 000
VA-49	13 00 00 000	78 10 38 000
VA-50	13 00 00 000	78 10 36 000
VA-51	13 00 00 000	78 10 34 000
VA-52	13 00 00 000	78 10 32 000
VA-53	13 00 00 000	78 10 30 000
VA-54	13 00 00 000	78 10 28 000
VA-55	13 00 00 000	78 10 26 000
VA-56	13 00 00 000	78 10 24 000
VA-57	13 00 00 000	78 10 22 000
VA-58	13 00 00 000	78 10 20 000
VA-59	13 00 00 000	78 10 18 000
VA-60	13 00 00 000	78 10 16 000
VA-61	13 00 00 000	78 10 14 000
VA-62	13 00 00 000	78 10 12 000
VA-63	13 00 00 000	78 10 10 000
VA-64	13 00 00 000	78 10 08 000
VA-65	13 00 00 000	78 10 06 000
VA-66	13 00 00 000	78 10 04 000
VA-67	13 00 00 000	78 10 02 000
VA-68	13 00 00 000	78 10 00 000
VA-69	13 00 00 000	78 09 58 000
VA-70	13 00 00 000	78 09 56 000
VA-71	13 00 00 000	78 09 54 000
VA-72	13 00 00 000	78 09 52 000
VA-73	13 00 00 000	78 09 50 000
VA-74	13 00 00 000	78 09 48 000
VA-75	13 00 00 000	78 09 46 000
VA-76	13 00 00 000	78 09 44 000
VA-77	13 00 00 000	78 09 42 000
VA-78	13 00 00 000	78 09 40 000
VA-79	13 00 00 000	78 09 38 000
VA-80	13 00 00 000	78 09 36 000
VA-81	13 00 00 000	78 09 34 000
VA-82	13 00 00 000	78 09 32 000
VA-83	13 00 00 000	78 09 30 000
VA-84	13 00 00 000	78 09 28 000
VA-85	13 00 00 000	78 09 26 000
VA-86	13 00 00 000	78 09 24 000
VA-87	13 00 00 000	78 09 22 000
VA-88	13 00 00 000	78 09 20 000
VA-89	13 00 00 000	78 09 18 000
VA-90	13 00 00 000	78 09 16 000
VA-91	13 00 00 000	78 09 14 000
VA-92	13 00 00 000	78 09 12 000
VA-93	13 00 00 000	78 09 10 000
VA-94	13 00 00 000	78 09 08 000
VA-95	13 00 00 000	78 09 06 000
VA-96	13 00 00 000	78 09 04 000
VA-97	13 00 00 000	78 09 02 000
VA-98	13 00 00 000	78 09 00 000
VA-99	13 00 00 000	78 08 58 000
VA-100	13 00 00 000	78 08 56 000

CERTIFIED THAT THE PLAN IS CORRECT

For M/s. SRI VASISTA MINING

With Lilly
SIGNATURE OF APPLICANT
Managing Partner

[Signature]
SIGNATURE OF THE R. Q. P

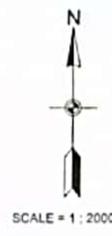
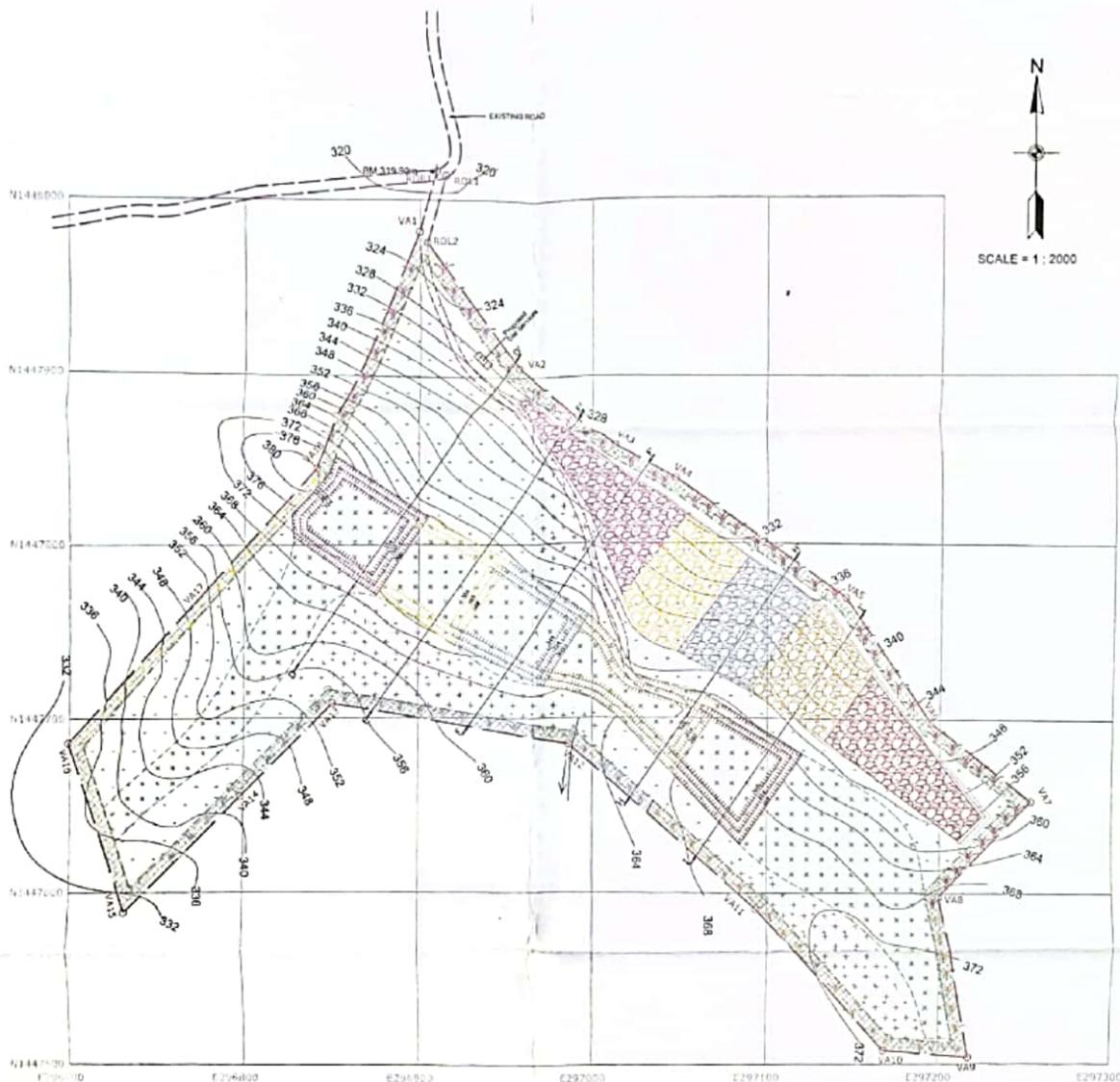
MODIFIED MINING PLAN FOR BLACK GRANITE

In Comp. Nos.227 & 223 of Basivipalli R.F & Chittapara R.F. of Chittapara Beat, Chittoor West Range, Chittoor West Division, A.P. Extent of 9.88 Ha.

LOCATION CUM KEY PLAN

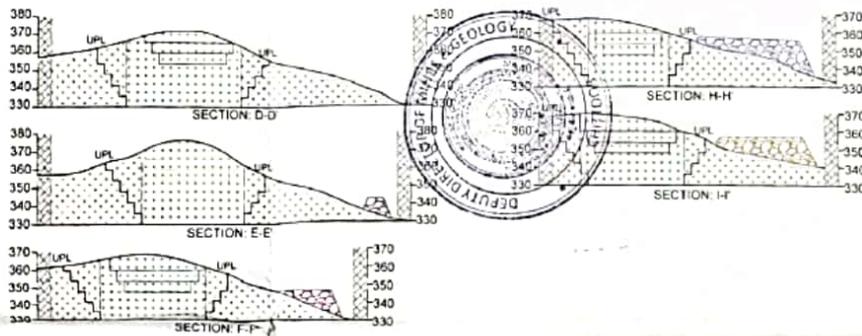
APPLICANT: M/s SRI VASISTA MINING

SCALE : 1 : 50,000 | T.SHEET No. 57 / O 4 | PLATE- 1



Co-Ordinates of Applied Area (DATUM WGS 84)

Name	N-Latitude	E-Longitude
VA-1	13 09127992	79 12871016
VA-2	13 09058754	79 1274232
VA-3	13 09015390	79 1271807
VA-4	13 08958050	79 12808140
VA-5	13 08917359	79 1298919
VA-6	13 08872886	79 1294501
VA-7	13 09033081	79 1298026
VA-8	13 08782864	79 12949883
VA-9	13 08697815	79 12967518
VA-10	13 08701336	79 12921673
VA-11	13 08775599	79 12852601
VA-12	13 08860021	79 12752984
VA-13	13 08880108	79 12928011
VA-14	13 08831813	79 1287801
VA-15	13 08771029	79 12519037
VA-16	13 0885891	79 12488058
VA-17	13 089307	79 12660658
VA-18	13 09003002	79 12018051
VAZ-1	13 09114623	79 12872818
VAZ-2	13 09053627	79 12719558
VAZ-3	13 09101882	79 12771246
VAZ-4	13 08902314	79 12804195
VAZ-5	13 08931888	79 12944004
VAZ-6	13 08863096	79 12940118
VAZ-7	13 08832170	79 12988835
VAZ-8	13 08785209	79 12942533
VAZ-9	13 08765271	79 12948896
VAZ-10	13 08707071	79 12824775
VAZ-11	13 08760421	79 12857456
VAZ-12	13 08863397	79 12750225
VAZ-13	13 08897219	79 12825551
VAZ-14	13 08839639	79 12874645
VAZ-15	13 08783565	79 12821881
VAZ-16	13 08857470	79 12495964
VAZ-17	13 08926714	79 12566435
VAZ-18	13 08990358	79 12623064
RO L-1	13 09156188	79 12804578
RO L-2	13 0912265	79 12875223
RO R-1	13 09158574	79 12979005



Details of the Area Applied For Q.L.

	Safety Zone Area=1.26 Ha
	Mining Area =8.60 Ha
	Approach Road =0.02 Ha
Total Area Applied =9.88 Ha	
	CONTOUR
	BENCH MARK
	SEASONAL NALA
	SOIL WITH SCREE
	BLACK GRANITE
	GRAY GRANITE
	Pro. R WALL & G DRAIN

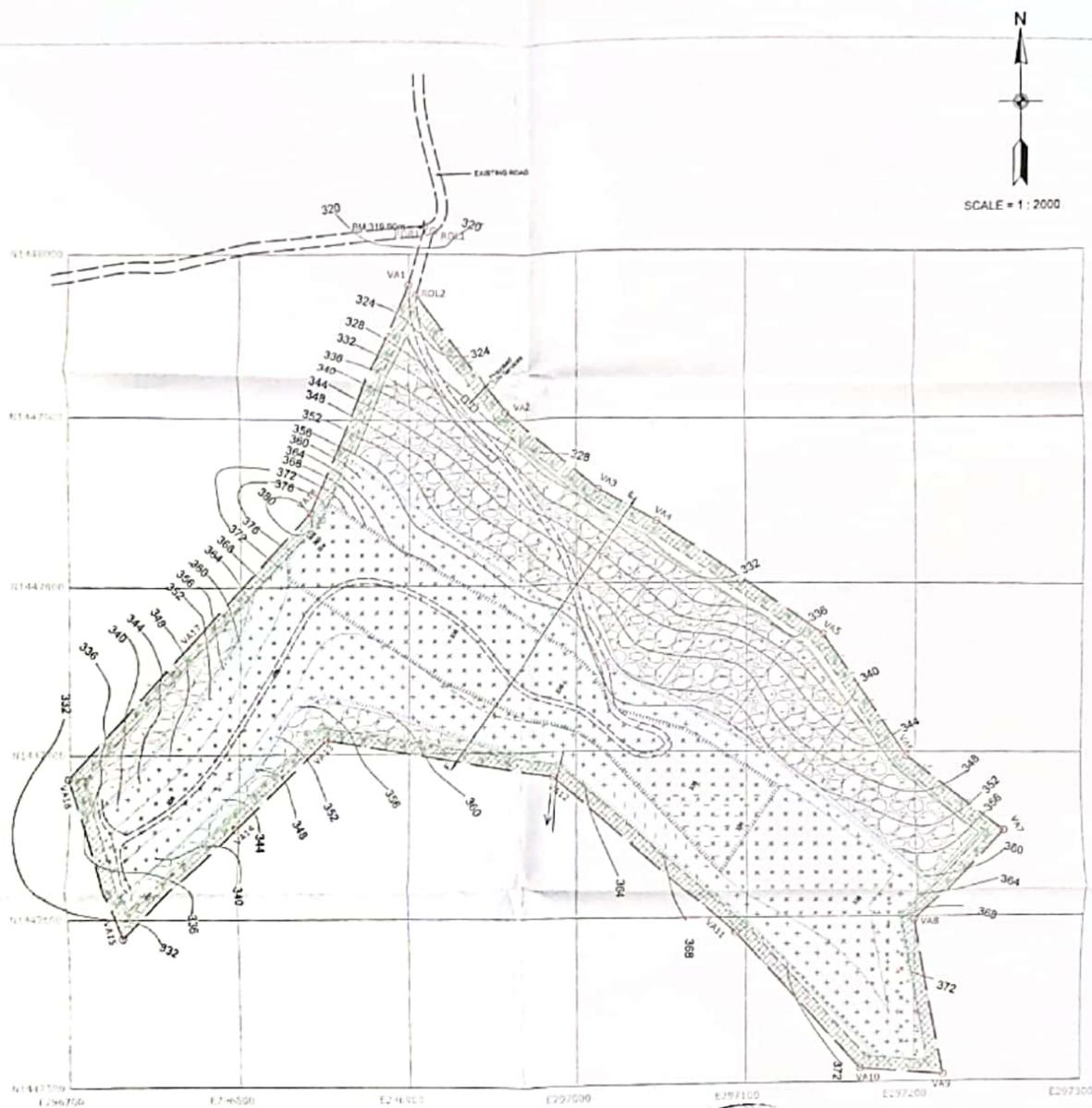
YEAR	PROPOSED WORKINGS	PROPOSED PLANTATION	PROPOSED DUMPING
1st Year			
2nd Year			
3rd Year			
4th Year			
5th Year			

THE PLAN & SECTIONS ARE PREPARED AS PER DGPS SURVEYED SKETCH

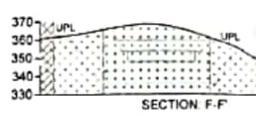
For M/s. SRI VASISTA MINING
 with liberty
 SIGNATURE OF THE MANAGER
 Y THIMMAIAH (R Q P)



MODIFIED MINING PLAN FOR BLACK GRANITE
 OVER AN EXTENT OF 9.88 Ha. IN COMPARTMENT No 227 OF
 BASIVPALLI R.F. AND IN COMPARTMENT No 223 OF CHITTAPARA R.F.
 CHITTOOR WEST RANGE OF CHITTOOR DIVISION A.P.
 APPROVED M/s. SRI VASISTA MINING
 YEAR WISE WORKING PLAN & SECTIONS
 SCALE 1 : 2000 | CONTOUR INTERVAL 4 m | PLATE - 4



SCALE = 1 : 2000



Co-Ordinates of Applied Area (DATUM: WGS 84)

Name	N-Latitude	E-Longitude
VA-1	13 09127992	79 12671016
VA-2	13 09058754	79 1272432
VA-3	13 09015296	79 12776187
VA-4	13 08980058	79 12808149
VA-5	13 08932358	79 12860918
VA-6	13 08872985	79 1294501
VA-7	13 08833061	79 12996926
VA-8	13 08782864	79 12949888
VA-9	13 08697815	79 12967610
VA-10	13 08701338	79 12921673
VA-11	13 08775589	79 12852601
VA-12	13 08860021	79 12752984
VA-13	13 08880108	79 12628011
VA-14	13 08631813	79 1257961
VA-15	13 08771029	79 12519037
VA-16	13 0885891	79 12480058
VA-17	13 0893997	79 12560956
VA-18	13 09003002	79 12618351
VAZ-1	13 09114823	79 12672916
VAZ-2	13 09053627	79 12719558
VAZ-3	13 09010182	79 12771246
VAZ-4	13 08992314	79 12804195
VAZ-5	13 08931686	79 12849004
VAZ-6	13 08868066	79 12940178
VAZ-7	13 08832179	79 12998935
VAZ-8	13 08785269	79 12942533
VAZ-9	13 08705271	79 12958998
VAZ-10	13 08707871	79 12924975
VAZ-11	13 08780421	79 12857456
VAZ-12	13 08866397	79 12756025
VAZ-13	13 08887219	79 12625551
VAZ-14	13 08836539	79 12574645
VAZ-15	13 08783265	79 12521881
VAZ-16	13 08857479	79 12495964
VAZ-17	13 08936714	79 12566435
VAZ-18	13 08992358	79 12623964
RD L 1	13 09158108	79 12654779
RD L 2	13 0912265	79 12615223
RD R 1	13 09158774	79 12679905

INDEX

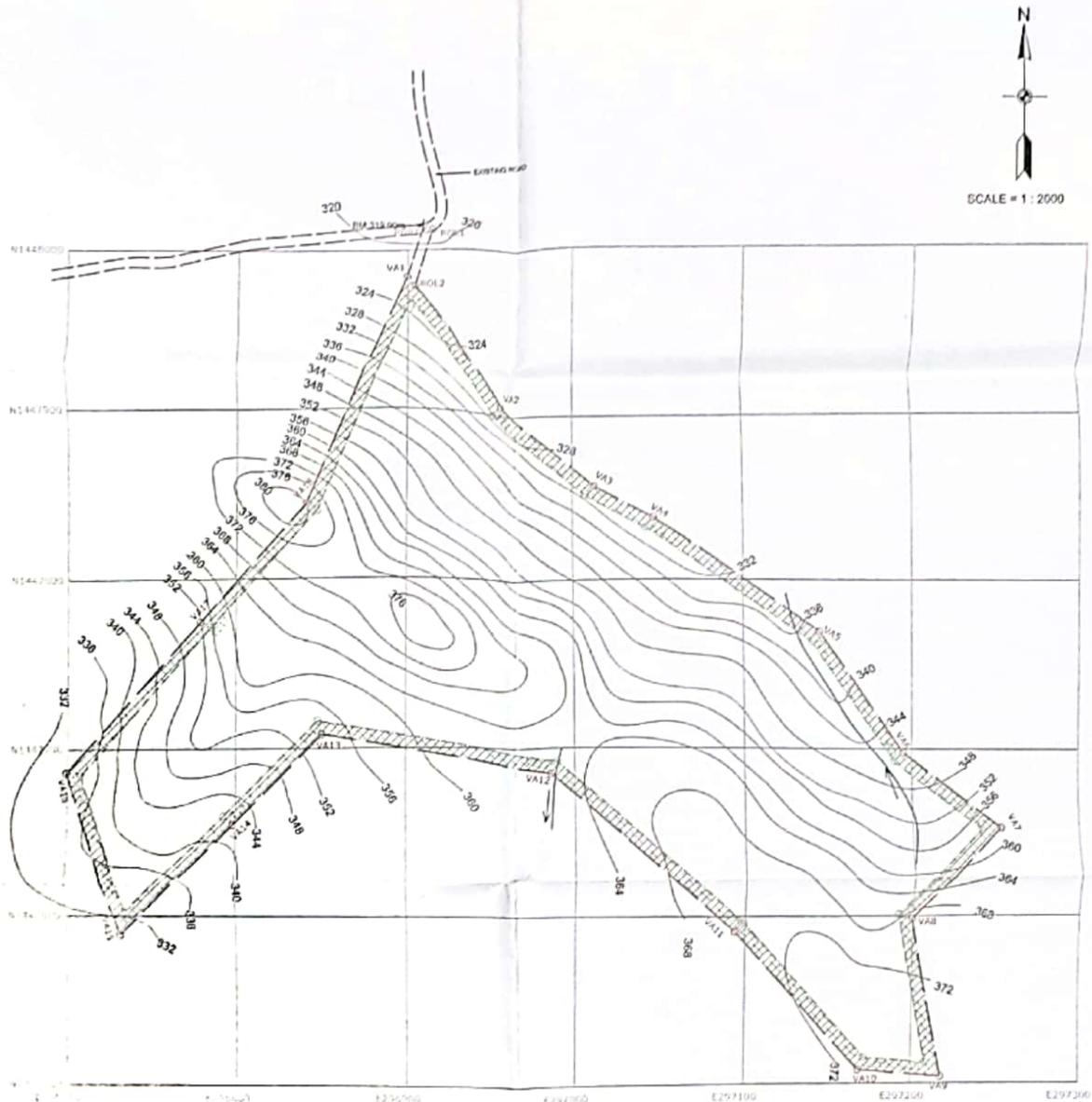
Details of the Area Applied For Q.L.

	Safety Zone Area = 1.26 Ha
	Mining Area = 8.60 Ha
	Approach Road = 0.02 Ha
Total Area Applied = 0.88 Ha	
	300m CONTOUR
	BM 390 90m BENCH MARK
	SEASONAL NALA
	SOIL WITH SCREE
	BLACK GRANITE
	GRAY GRANITE
	WORKINGS FOR 1st 5 Yrs
	FINAL PIT POSITION
	DUMPING AREA
	PLANTATION
	Prop R WALL & G. DRAIN

THE PLAN & SECTIONS ARE PREPARED AS PER DGPS SURVEYED SKETCH

For M/L SRI VASISTA MINING
 Signature of the Applicant: *Sri Vasista*
 Signature of the Author: *Y. Thimmaiah*
 Y. THIMMAIAH (R.O.P.)

MODIFIED MINING PLAN FOR BLACK GRANITE
 OVER AN EXTENT OF 9.88 Ha. IN COMPARTMENT No 227 OF
 BASIVIPALLI R.F. AND IN COMPARTMENT No 223 OF CHITTA PARAR F
 CHITTOOR WEST RANGE OF CHITTOOR DIVISION A.P.
 APPLICANT: M/L SRI VASISTA MINING
CONCEPTUAL PLAN & SECTION
 SCALE 1 : 2000 CONTOUR INTERVAL 4m PLATE - 3



Co-Ordinates of Applied Area (DATUM: WGS 84)

Name	N-Latitude	E-Longitude
VA-1	13 09127902	79 12671016
VA-2	13 09058754	79 12724332
VA-3	13 09015206	79 12778187
VA-4	13 08998058	79 12808149
VA-5	13 08937359	79 12809918
VA-6	13 08872986	79 12945031
VA-7	13 08833081	79 12959926
VA-8	13 08782964	79 12649688
VA-9	13 08697815	79 12967616
VA-10	13 08701338	79 12921673
VA-11	13 08775509	79 12852601
VA-12	13 08860021	79 12752984
VA-13	13 08801006	79 12628011
VA-14	13 08831813	79 1257981
VA-15	13 08771029	79 12519037
VA-16	13 0885891	79 12488058
VA-17	13 089397	79 12560956
VA-18	13 09002002	79 12618051
VAZ-1	13 09114823	79 12672815
VAZ-2	13 09055627	79 12719558
VAZ-3	13 09013182	79 12771246
VAZ-4	13 08962314	79 12804195
VAZ-5	13 08931566	79 12854904
VAZ-6	13 08880295	79 12940178
VAZ-7	13 08832179	79 12980035
VAZ-8	13 08782949	79 12942533
VAZ-9	13 08705271	79 12954975
VAZ-10	13 08707871	79 12924975
VAZ-11	13 08760421	79 12957456
VAZ-12	13 08866397	79 12758025
VAZ-13	13 08887219	79 12825551
VAZ-14	13 08954539	79 12746445
VAZ-15	13 08763565	79 12521681
VAZ-16	13 08857479	79 12495964
VAZ-17	13 08936714	79 12564415
VAZ-18	13 08969358	79 12523064
ROL-1	13 09126188	79 12684578
ROL-2	13 0912205	79 12671522
ROL-1	13 09146574	79 12679605

THE PLAN & SECTIONS ARE PREPARED AS PER DGPS SURVEYED SKETCH

For M/L. SRI VASISTA MINING
 with
 SIGNATURE OF THE APPLICANT
 Managing Partner
 Y THIMMAIAH (R Q P)

INDEX

Details of the Area Applied For Q.L.

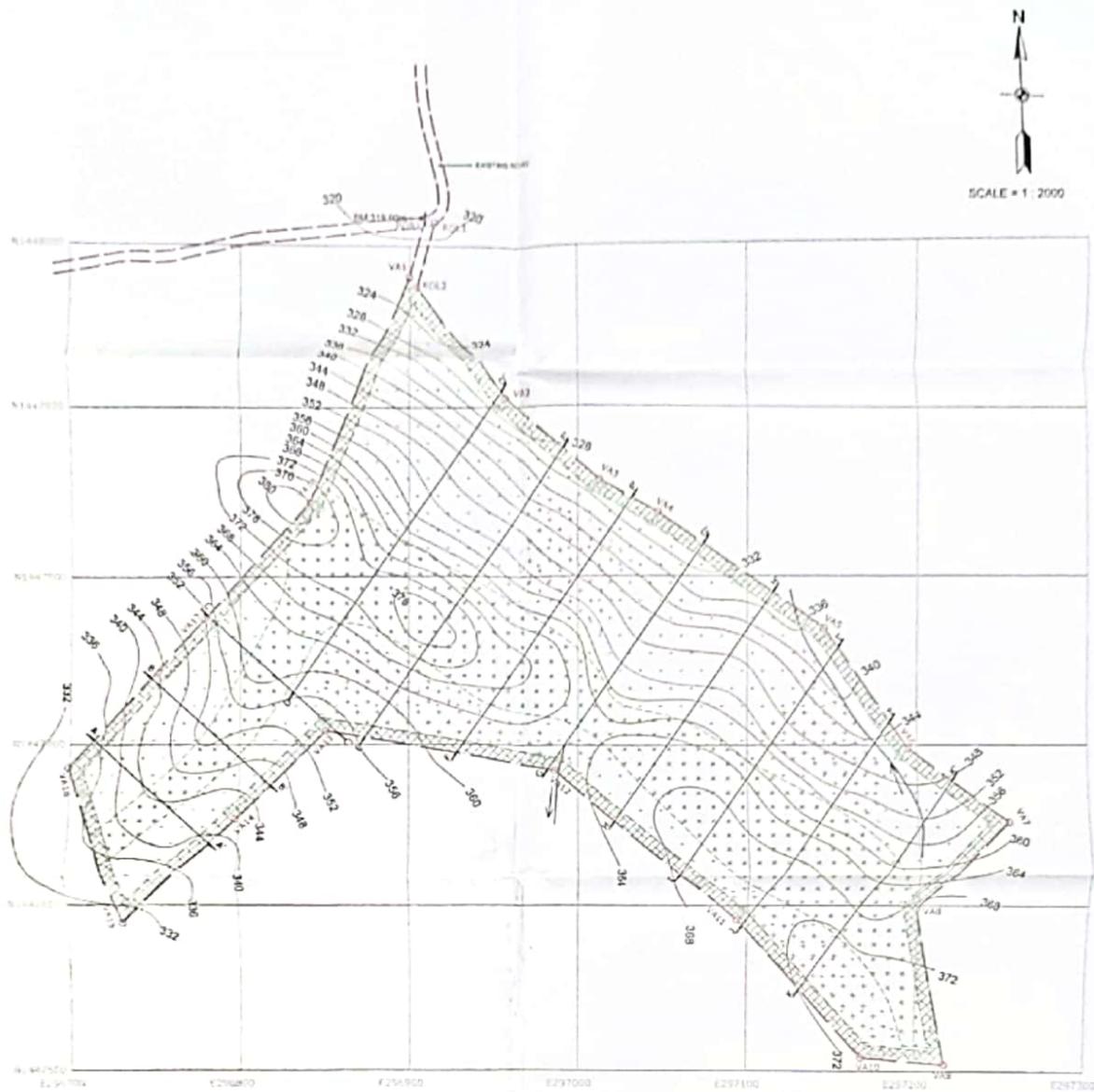
	Safety Zone Area=1.28 Ha
	Mining Area =8.60 Ha
	Approach Road =0.02 Ha
Total Area Applied =9.88 Ha	
	300 CONTOUR
	BM 390 90m BENCHMARK
	SEASONAL NALA

1:2500

MODIFIED MINING PLAN FOR BLACK GRANITE
 OVER AN EXTENT OF 9.88 Ha IN COMPARTMENT No 227 OF
 BASIVIPALLI R.F. AND IN COMPARTMENT No 223 OF CHITTA PARARI F
 CHITTOOR WEST RANGE OF CHITTOOR DIVISION, A.P.
 AS PER M/L. SRI VASISTA MINING

SURFACE PLAN

SCALE 1 = 2500 CONTOUR INTERVAL 4 m PLATE - 2



Co-Ordinates of Applied Area [DATUM: WGS 84]

Name	N Latitude	E- Longitude
VA-1	13 09127992	79 12671016
VA-2	13 09058754	79 1272432
VA-3	13 09015296	79 12776167
VA-4	13 08598058	79 12808149
VA-5	13 08937359	79 12808918
VA-6	13 08872986	79 1294501
VA-7	13 08833081	79 12998926
VA-8	13 08782664	79 12949888
VA-9	13 08697815	79 12967516
VA-10	13 08701336	79 12921673
VA-11	13 08775589	79 12852601
VA-12	13 08860021	79 12752984
VA-13	13 08860106	79 12028011
VA-14	13 08631613	79 1257961
VA-15	13 08771029	79 12519037
VA-16	13 0885691	79 12488058
VA-17	13 089357	79 12560956
VA-18	13 09003002	79 12618051
VAZ-1	13 09114523	79 12672815
VAZ-2	13 09053627	79 12719558
VAZ-3	13 09010182	79 12771246
VAZ-4	13 08992314	79 12804195
VAZ-5	13 08921066	79 12894604
VAZ-6	13 08868066	79 12940178
VAZ-7	13 08832179	79 12988635
VAZ-8	13 08785269	79 12942533
VAZ-9	13 08705271	79 12958856
VAZ-10	13 08707871	79 12974975
VAZ-11	13 08780421	79 12857456
VAZ-12	13 08666397	79 12756025
VAZ-13	13 08887419	79 12625551
VAZ-14	13 08836539	79 12674645
VAZ-15	13 08783565	79 12571681
VAZ-16	13 08827479	79 12495064
VAZ-17	13 08936714	79 12566435
VAZ-18	13 08990358	79 12623904
RO L-1	13 09156188	79 12684278
RO L-2	13 0912265	79 12615273
RO R-1	13 09108274	79 12618605

INDEX

Details of the Area Applied For Q.L.

	Safety Zone Area=1.29 Ha
	Mining Area =8.60 Ha
	Approach Road =0.02 Ha
Total Area Applied =9.88 Ha	
	CONTOUR
	BENCH MARK
	SEASONAL NALA
	SOIL WITH SCREE
	BLACK GRANITE
	GRAY GRANITE

THE PLAN & SECTIONS ARE PREPARED AS PER DGPS SURVEYED SKETCH

For M/L SRI VASISTA MINING

SIGNATURE OF Y. THIMMAIAH (R.Q.P.)



MODIFIED MINING PLAN FOR BLACK GRANITE		
OVER AN EXTENT OF 9.88 Ha. IN COMPARTMENT No 227 OF BASIVIPALLI R.F. AND IN COMPARTMENT No 223 OF CHITTAPARA R.F. CHITTOOR WEST RANGE OF CHITTOOR DIVISION A.P.		
APPLICANT: M/s. SRI VASISTA MINING		
SURFACE GEOLOGICAL PLAN		
SCALE: 1:2000	CONTOUR INTERVAL: 4m	PLATE - 3

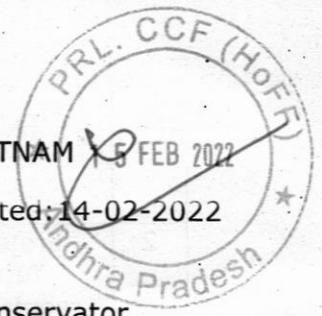
GOVERNMENT OF ANDHRA PRADESH
DEPARTMENT OF MINES AND GEOLOGY :: IBRAHIMPATNAM

Letter No.2107/D13-1/2020

Dated:14-02-2022

From
Sri V.G.Venkata Reddy,
Director of Mines & Geology,
5th Floor, Sri Anjaneya Towers,
Ibrahimpatnam, Krishna District.

To
The Principal Chief Conservator
of Forests, Aranya Bhavan,
K.M. Munshi Road, Nagarampalem,
Guntur-522004, Andhra Pradesh.



Sir,

Sub:- Mines & Quarries - Diversion an extent of 9.900 Hectares of Forest Land in Compt.No.223 & 227 of Chittapara and Basivipalli R.F., Chittoor West Division, Chittoor District for grant of quarry lease for Black Granite in favour of M/s Sri Vasista Mining, Managing Partner: Sri B.Nithin Kumar Reddy - Additional Information submission - Regarding.

- Ref:-
1. Quarry Lease application dt.28.01.2019 of M/s Sri Vasista Mining, Managing Partner: Sri B.Nithin Kumar Reddy.
 2. Letter.No.554/Q1/2019, Dt.20.03.2020 of the Asst. Director of Mines & Geology, Chittoor.
 3. This Office Letter No.2107/D13-1/2020, dt:10.07.2020 addressed to the Prl.C.C.F, Guntur.
 4. Letter No.EFS02-15029/22/2020-FCA.SEC-PCCF/FCA-2(i), dated.02.07.2021 from the PCCF, Guntur.
 5. This Office Memo No.2107/D13-1/2020, dt:08.07.2021.
 6. Letter.No.554/Q1/2019, Dt.11.08.2021 of the Asst. Director of Mines & Geology, Chittoor.
 7. This Office Letter No.2107/D13-1/2020, dt:28.09.2021 addressed to the Prl.C.C.F, Guntur.
 8. Letter No.EFS02-15029/22/2020-FCA.SEC-PCCF/FCA-2(i), dated.09.01.2022 from the PCCF, Guntur.
 9. This Office Memo No.2107/D13-1/2020, dt:12.01.2022.
 10. Letter.No.554/Q1/2019, Dt.29.01.2022 of the Asst. Director of Mines & Geology, Chittoor.

-ooOoo-

I invite kind attention to the subject and references cited. Through the reference 8th cited, the Principal Chief Conservator of Forests, A.P. requested to furnish additional information regarding for diversion of 9.900 Hectares of Forest Land in Compt.No.223 & 227 of Chittapara and Basivipalli R.F., Chittoor West Division, Chittoor District in favour of M/s.Sri Vasista Mining, Managing Partner: Sri B.Nithin Kumar Reddy respectively. Through the reference 9th cited, this office has directed the ADM&G, Chittoor to submit additional information as called for PCCF, Guntur vide reference 8th cited.

Through the reference 10th cited, the Asst. Director of Mines & Geology, Chittoor has submitted additional information in response to this office memo dated.12.01.2022 and submitted each point as follows:-

Sl. No.	Description	Explanation
1	Details of alternatives explored along with map	Generally the Black Granite (Dolerite dykes) occurs as intrusive body in the peninsular gneissic complex. The East - West trending dykes are productive in this Sector. 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. The Black Granite available in this area is being marketed as G-20 and is being exported to Italy, Taiwan and Germany and fetches good revenue to Government. As per as Granite mineral concern the nature of deposition, structure and other features influence the recovery of dimensional stone and commercial viability. Further it is observed that the particular quality of Black Granite available in the Chittapara and Basavapalli R.Fs areas is not available in any Revenue lands and Patta lands. This G-20 variety in Black Granite is not available anywhere in the state except Chittoor District. The quality and use of granite

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10/2/2022
Sri Vasista Mining

		depend upon its granularity, colour, presence of structural elements, inclusion, brittleness, chemical and Mineralogical composition. Hence we can't compare with other Granite varieties available in other places. Hence, there is no alternative Granite to G-20 variety.																		
2	Projected future requirement of black granite mineral	<p>It is submitted that even though the production capacity of existing Black Granite leases having 79,879 Cbm per annum, hardly getting 12,500 cbm of Black Granite only. Nearly 350 - 400 Granite cutting and polishing industries have been established in Chittoor District and also coming up new industries day by day. All these factories depended on nearby Quarries for raw material. At present nearly 1 Lakh Cbm of Black Granite is required to feed local factories as well as export to other countries. As observed the old records, the requirement of this mineral is increasing at the rate of 15% year by year. So that the future requirement of this mineral in coming 5 years is nearly 2 Lakhs Cbm per annum.</p> <p>All granite quarry owners are using wire saw machines, rock breaking powder for excavation of Granite blocks that would support to minimize air pollution and sound pollution. In order to meet the present demand of this variety (G-20 Black Granite) the exploitation of new areas are also necessary.</p> <table border="1"> <thead> <tr> <th>Name of the mineral</th> <th>No. of existing leases</th> <th>Total capacity of existing leases (inCbm)</th> <th>Average Annual production (in Cbm)</th> <th>Future requirement of this mineral (in cbm)</th> <th>Present requirement (Out of Column 5) (in cbm)</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>Black Granite (G-20 Variety)</td> <td>16</td> <td>79,879</td> <td>12,500</td> <td>2,00,000</td> <td>1,00,000</td> </tr> </tbody> </table>	Name of the mineral	No. of existing leases	Total capacity of existing leases (inCbm)	Average Annual production (in Cbm)	Future requirement of this mineral (in cbm)	Present requirement (Out of Column 5) (in cbm)	1	2	3	4	5	6	Black Granite (G-20 Variety)	16	79,879	12,500	2,00,000	1,00,000
Name of the mineral	No. of existing leases	Total capacity of existing leases (inCbm)	Average Annual production (in Cbm)	Future requirement of this mineral (in cbm)	Present requirement (Out of Column 5) (in cbm)															
1	2	3	4	5	6															
Black Granite (G-20 Variety)	16	79,879	12,500	2,00,000	1,00,000															
3	Modified Mining Plan	It is submitted that the applicant has submitted Modified Mining Plan approved by the Deputy Director of Mines and Geology, Chittoor vide Lr.No.121/MMP/BG/CTR/2022, Dt:22-01-2022.																		

Finally, the Assistant Director of Mines & Geology, Chittoor has requested the DM&G to forward the above information pertains to quarry lease application of M/s.Sri Vasista Mining, Mg.Partner: Sri B.Nithin Kumar Reddy an extent of 9.900 Hectares of Forest Land falling in Compartment No.223 & 227 of Basavapalle & Chittapara Village RF, Gudipala Mandal, Chittoor West Division, Chittoor District for taking further necessary action in the matter.

In view of the above circumstances, I am submitting the additional information 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 9.900 Hectares of Forest Land in Compt.No.223 & 227 of Basavapalle & Chittapara 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 Vasista Mining, Mg.Partner: Sri B.Nithin Kumar Reddy.

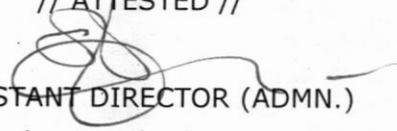
Yours faithfully,
Sd/- V.G.VENKATA REDDY
DIRECTOR OF MINES & GEOLOGY

Encl: (As above)

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

Copy to M/s Sri Vasista Mining, Mg.Partner: Sri B.Nithin Kumar Reddy,
Sri Vasista Apurva, 501, # 8-2-350, Banjara Hills, Road No.3,
Hyderabad- 500 034, Telangana State for information.

// ATTESTED //


ASSISTANT DIRECTOR (ADMN.)

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

Letter No.2107/D13-1/2020

Dated:28-09-2021

From
W.B.Chandra Sekhar, M.Sc.,
Director of Mines & Geology(FAC),
5th Floor, Sri Anjaneya Towers,
Ibrahimpatnam, 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 9.900 Hectares of Forest Land in Compt.No.223 & 227 of Chittapara and Basivipalli R.F., Chittoor West Division, Chittoor District for grant of quarry lease for Black Granite in favour of M/s Sri Vasista Mining, Managing Partner: Sri B.Nithin Kumar Reddy - Additional Information submission - Regarding.

- Ref:-
1. Quarry Lease application dt.28.01.2019 of M/s Sri Vasista Mining, Managing Partner: Sri B.Nithin Kumar Reddy.
 2. Letter.No.554/Q1/2019, Dt.20.03.2020 of the Asst. Director of Mines & Geology, Chittoor.
 3. This Office Letter No.2107/D13-1/2020, dt:10.07.2020 addressed to the Pr.C.C.F, Guntur.
 4. Ref.No.EFS02-15029/22/2020-FCA.SEC-PCCF/FCA-2(i), dated.02.07.2021 from the PCCF, Guntur.
 5. This Office Memo No.2107/D13-1/2020, dt:08.07.2021.
 6. Letter.No.554/Q1/2019, Dt.11.08.2021 of the Asst. Director of Mines & Geology, Chittoor.

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I invite kind attention to the subject and references cited. Through the reference 4th cited, the Principal Chief Conservator of Forests, A.P. requested to furnish additional information regarding for diversion of 9.900 Hectares of Forest Land falling in Compartment No.223 & 227 of Basavapalle Village RF, Gudipala Mandal, Chittoor West Division, Chittoor District in favour of M/s.Sri Vasista Mining, Mg.Partner: Sri B.Nithin Kumar Reddy respectively. Through the reference 5th cited, this office has directed the ADM&G, Chittoor to submit additional information as called for PCCF, Guntur vide reference 4th cited.

Through the reference 6th cited, the Asst. Director of Mines & Geology, Chittoor has submitted additional information in response to this office memo dated.08.07.2021 and submitted each point as follows:-

1. Generally the Black Granite (Dolerite Dyke) occurs as intrusive body in the peninsular gnessic complex. The East - West trending dykes are productive in this sector. The Black Granite found in the proposed forest land is very rare in variety and unique displays pearly sheen against the green back ground which is not yet identified in any non-forest lands. The Black Granite available in this area is being marketed as G-20 and is being exported to Italy, Taiwan and Germany and fetches good revenue to Government. As per as Granite mineral concern the nature of deposition, structure and other features influence the recovery of dimensional stone and commercial viability. Further, it is observed that the particular quality of Black Granite available in the Basavapalle & Chittapara R.F area is not available in any Revenue lands and patta lands. This G-20 variety in Black Granite is not available anywhere in the state except Chittoor District. The quality and use of granite depend upon its granularity, colour, presence of structural elements, inclusion, brittleness, chemical and mineralogical composition. Hence, we can't compare with other granite varieties available in other places.

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2. Geological Reserves in the applied area.

Name of the mineral	No.of existing leases	Total capacity of existing leases (in Cbm)	Average Annual Production (in Cbm)	Present requirement per annum (in Cbm)
Black Granite (G-20 variety)	16	79879	12,500	1,00,000

Further, the ADM&G, Chittoor reported that the production capacity of existing Black Granite leases having 79,879 Cbm per annum, hardly getting 12,500 Cbm of Black Granite only. Nearly 350-400 Granite cutting and polishing industries have been established in Chittoor District and also coming up new industries day by day. All these factories depended on nearby quarries for raw material. At present all granite quarry owners are using wire saw machines, rock breaking powder for excavation of Granite blocks that would support to minimize air pollution and sound pollution. In order to meet the present demand of the variety (G-20 Black Granite) the exploration of new areas are also necessary.

Finally, the Assistant Director of Mines & Geology, Chittoor has requested the DM&G to forward the above information pertains to quarry lease application of M/s.Sri Vasista Mining, Mg.Partner: Sri B.Nithin Kumar Reddy an extent of 9.900 Hectares of Forest Land falling in Compartment No.223 & 227 of Basavapalle & Chittapara Village RF, Gudipala Mandal, Chittoor West Division, Chittoor District for taking further necessary action in the matter.

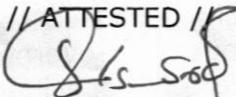
In view of the above circumstances, I am submitting the additional information with a request to process and accord clearance for diversion of forest land for non-forest purpose for grant of Quarry Lease for Black Granite for an extent of 9.900 Hectares of Forest Land in Compt.No.223 & 227 of Basavapalle & Chittapara 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 Vasista Mining, Mg.Partner: Sri B.Nithin Kumar Reddy.

Yours faithfully,
Sd/- W.B.CHANDRA SEKHAR
DIRECTOR OF MINES & GEOLOGY(FAC)

Encl: (As above)

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

Copy to M/s Sri Vasista Mining,
Managing Partner: Sri B.Nithin Kumar Reddy,
Sri Vasista Apurva, 501, # 8-2-350,
Banjara Hills, Road No.3,
Hyderabad- 500 034,
Telangana State for information.

// ATTESTED /


for DIRECTOR OF MINES & GEOLOGY

GOVERNMENT OF ANDHRA PRADESH
DEPARTMENT OF MINES AND GEOLOGY



From

B.Ashok Kumar, M.Sc.,
Asst. Director of Mines & Geology,
Chittoor.

To

The Director of Mines and Geology,
Ibrahimpatnam.

Letter No.554/Q1/2019, Dt.11-08-2021.

Sir,

Sub:- Mines and Minerals – Diversion an extent of 9.900 Hectares of Forest Land in Comp No.223 & 227 of Basavapalle & Chittapara RF Village, Gudipala 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 – Additional Information called for - Submitted – Reg.

Ref:- Memo No.2107/D13-1/2020, Dt:08-07-2021 of the Director of Mines and Geology, Ibrahimpatnam duly enclosing reference No. EFS02-15029/21/2018-FCA SEC-PCCF/FCA-2 (ii), Dt:02-07-2021 of the Prl.Chief Conservator of Forests & Head of Forest Force, Guntur, Andhra Pradesh.

-:oOo:-

I invite kind attention to the subject and reference cited and submit that through the reference cited, the Director of Mines and Geology, Ibrahimpatnam while enclosing copy of reference No.EFS02-15029/21/2018-FCA SEC-PCCF/FCA-2 (ii), Dt:02-07-2021 of Prl.Chief Conservator of Forests & Head of Forest Force, Guntur, Andhra Pradesh directed this office to furnish the additional information for onward submission to the PCCF, Guntur.

Further, it is submitted that the Prl.Chief Conservator of Forests & Head of Forest Force, Guntur stated in their letter mentioned at reference cited that the subject proposal forwarded has been examined and observed the following information is required for processing the proposals to the Government.

1. Details of alternatives explored.
2. Details of other mining leases with their capacity and average annual production and projected future requirements.

Further, stated that as per para no.7.8, Chapter – 7 of comprehensive guidelines on Forest (Conservation) Act, 1980, the State Government has to justify the necessity of opening new mining leases.

In this connection, I am herewith submitting the following lines against each point called by the Prl. Chief Conservator of Forests & Head of Forest Force, Guntur in respect of the subject applied area.

1. Generally the Black Granite (Dolerite dykes) occurs as intrusive body in the peninsular gnessic complex. The East – West trending dykes are productive in this Sector. 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. The Black Granite available in this area is being marketed as G-20 and is being

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exported to Italy, Taiwan and Germany and fetches good revenue to Government. As per as Granite mineral concern the nature of deposition, structure and other features influence the recovery of dimensional stone and commercial viability. Further it is observed that the particular quality of Black Granite available in the Basavapalle & Chittapara R.F area is not available in any Revenue lands and Patta lands. This G-20 variety in Black Granite is not available anywhere in the state except Chittoor District. The quality and use of granite depend upon its granularity, colour, presence of structural elements, inclusion, brittleness, chemical and Mineralogical composition. Hence we can't compare with other Granite varieties available in other places.

2.

Name of the mineral	No. of existing leases	Total capacity of existing leases (in Cbm)	Average Annual production (in Cbm)	Present requirement per annum (in Cbm)
Black Granite (G-20 Variety)	16	79,879	12,500	1,00,000

Further, it is submitted that eventhough the production capacity of existing Black Granite leases having 79,879 Cbm per annum, hardly getting 12,500 cbm of Black Granite only. Nearly 350 – 400 Granite cutting and polishing industries have been established in Chittoor District and also coming up new industries day by day. All these factories depended on nearby Quarries for raw material. At present all granite quarry owners are using wire saw machines, rock breaking powder for excavation of Granite blocks that would support to minimize air pollution and sound pollution. In order to meet the present demand of this variety (G-20 Black Granite) the exploitation of new areas are also necessary.

In view of above, it is requested the Director of Mines and Geology, Ibrahimpatnam to forward the above information pertains to Quarry Lease application of M/s Sri Vasista Mining, Mg.Partner:Sri B.S.Nithin Kumar Reddy for Black Granite over an extent of 9.900 Hectares in Comp No.223 & 227 of Basavapalle & Chittapara R.F., Chittoor West Division, Gudipala Mandal, Chittoor District to the Prl.Chief Conservtor of Forests & Head of Forest Force, Guntur for taking further necessary action in the matter.

Yours faithfully,

B. Ashwin Kumar
Asst. Director of Mines & Geology,
CHITTOOR

Copy submitted to the Deputy Director of Mines and Geology, Chittoor for favour of information.