

**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

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

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

Ref. no. EFS02-15029/22/2020-FCA SEC-PCCF/FCA-1,
Dated:23.10.2021.

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 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 - Proposal submitted - Approved mining plan requested - Submitted - Reg.

Ref: 1. PCCF &HoFF, A.P., Guntur Rc.no.EFS02-15029/22/2020-FCA SEC/PCCF/FCA-2 (ii), Dt.02.07.2021.
2. Memo.no.1215/Section.II/2021/(1453124), EFS&T dept., dt. 13.09.2021.
3. CCF, Ananthapuramu, Rc.no.512/2021/TO, Dt.14.10.2021.

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Kind attention is invited to the reference 2nd cited wherein the Government have requested to furnish approved mining plan 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.) falling in Compartment no.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.

The Chief Conservator of Forests, Ananthapuramu Circle, Ananthapuramu in the reference 3rd cited has submitted mining plan approved by the Deputy Director of Mines & Geology, Chittoor in Lr.no.2584/MP/BG/CTR/2021, dt. 06.10.2021 with a validity period of (5) years.

The approved mining plan is submitted herewith for taking necessary action in the matter.

Encl:- As above.

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

//True Copy//

Asst. Conservator of Forests (LAW) 25/10

SL
25/10/2021
20/10/2021

**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: 14.10.2021.

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 called for - 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 (Received on 14.10.2021through mail)



Adverting to the reference 2nd cited, it is submitted that, the Divisional Forest Officer, Chittoor West in the reference 3rd cited has submitted approved mining plan 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 in Rc. No. 2585/MP/BG/CTR/2021, dated: 06.10.2021 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 is submitted in (3) three sets for favour of kind information and necessary action.

Encl: Approved Mining Pal in (3) sets

Yours faithfully,

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

[Signature]
14/10/2021

FCA-I
[Signature]
18/10/2021
Srinivasa Sastry

[Signature]
18/10

TimeLine Details

Proposal received date at each stage of flow:

A. General Details

- (i). Proposal No. : FP/AP/QRY/121210/2021
- (ii). Name of Project for which Forest Land is required : Grant of Quarry lease for Black Granite in favour of M/s. Sri Vasista Mining, A.P (Managing Partner: B.S Nithin Kumar Reddy)
- (iii). Short narrative of the proposal and Project/scheme for which the forest land is required : Diversion of 9.88 Ha (Mining area 8.60 Ha, SZ area 1.26 Ha, Road area 0.02 Ha) Forest Land for an extent of in Compt.No.223&227 of Basivipalli & Chittapara RF, Chittapara Beat, Chittoor West Range, Chittoor West Division, in Chittapara Village, Gudipala Mandal, Chittoor District for Grant of Quarry
- (iv). State : Andhra Pradesh
- (v). Category of the Project : Quarrying
- (vi). Shape of forest land proposed to be diverted : Non Linear
- (vii). Area of forest land proposed for diversion(in ha.): 9.88

B. Time Line

Proposal No.	Submitted by User Agency	Query for Shortcoming(if any) by Nodal Officer	Resubmission of Proposal by User Agency	Query by Nodal Officer for submitting Hard Copies	Uploading/by U.A. of copies of receipt received from DFO & DC	Division	Circle	Nodal Office	State Government	Regional Office	Stage-I Approval on	Stage-II Approval on
FP/AP/QRY/121210/2021	23/02/2021	26/03/2021 03/03/2021	30/03/2021 10/03/2021	16/04/2021	26/04/2021	Chittoor West	Ananthapur 16/06/2021 (Chittoor West)	Andhra Pradesh 17/06/2021	Andhra Pradesh 06/07/2021			

C. Essential Details Sought History

Communication between Regional Office & State Government	Communication between State Government & Nodal Officer	Communication between Nodal Officer & Circle	Communication between Circle & Division	Communication between Division & User Agency
	Query raised by State Government (Andhra Pradesh) on:14/09/2021	Query raised by Nodal Officer (Andhra Pradesh) on:21/09/2021 Replied by Circle(Ananthapur) on:14/10/2021	Query raised by Circle (Ananthapur) on:11/10/2021 Replied by DFO (Chittoor West) on:13/10/2021	Query raised by DFO (Chittoor West) on:12/10/2021 Replied by UA on :12/10/2021

NOTE:- Proposal is pending at **Nodal Officer** due to EDS raised by **State Government**.

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**GOVERNMENT OF ANDHRA PRADESH
DEPARTMENT OF MINES AND GEOLOGY**

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,
8-2-350, 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-

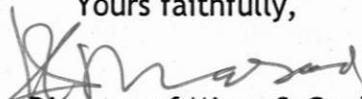
5. The Q.L. area is as shown on the statutory plans by the applicant is certified by the competent authority with GPS readings of the boundary points of the lease and this office has not under taken the ground truth verification of the quarry lease boundary and pillars on the ground.
6. The approval 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.

GOVERNMENT OF ANDHRA PRADESH
DEPARTMENT OF MINES AND GEOLOGY

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,
8-2-350, 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.

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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 APMCM 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.*
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-2-

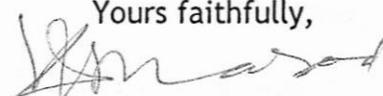
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7. The Mining Plan is approved subject to strictly adhering to the relevant Regulations of MMR, 1961 and obtaining prior permission from the Director General Mines Safety whenever and wherever it is required.
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NB: 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.

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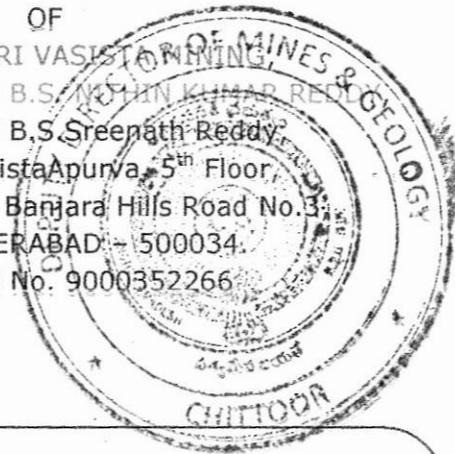
MINING PLAN FOR BLACK GRANITE

(Submitted Under Rule (12) of Granite Conservation & Development Rules, 1999)

CATEGORY : FULLY MECHANIZED CATEGORY - A
TYPE OF LAND : RESERVE FOREST LAND
Extent: 9.880 Hects

EXTRACTION OF BLACK GRANITE
COMPARTMENT NO. 227 & 223, OF BASIVIPALLI & CHITTAPARA R.F., CHITTOOR WEST
DIVISION OF GUDIPALA MANDAL, CHITTOOR DISTRICT,
ANDHRA PRADESH STATE.

OF
M/s. SRI VASISTA MINING,
Mg.Partner: Sri B.S. NETHAN KUMAR REDDY
S/o. Sri B.S. Sreenath Reddy
Sri Vasista Apurva, 5th Floor,
#8-2-350, Banjara Hills Road No.3,
HYDERABAD - 500034.
Cell No. 9000352266



PREPARED BY
Y. THIMMAIAH,
RQP/GEOLOGIST
Cell No: 9440053509
(RQP/DMG/AP/11/2020)
61205, Indu Fortune Fields Gardenia,
13th Phase, K.P.H.B. Colony,
HYDERABAD - 500085.

DECLARATION

Certified that the Quarry Lease application is filed for 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. by our company and the draft 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 Rule 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

Nithin Reddy

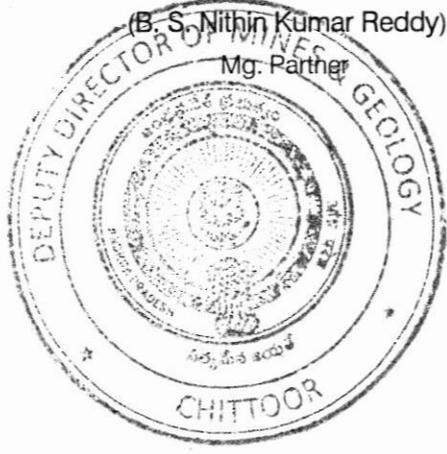
Signature of the Lessee

(B. S. Nithin Kumar Reddy)

Mg. Partner

Date:

Place: Hyderabad



CERTIFICATE

Certified that the provisions of APMMC Rule 1966 & GCD Rule 1999 and the guidelines of the Director of Mines & Geology, Govt. of A.P have been observed in preparation of 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 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 Mining Plan is true and correct to the best of my Knowledge.



Date: 02-10-2021
Place: Hyderabad

(Handwritten Signature)
Signature of RQP

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

MINING PLAN FOR BLACK GRANITE

(Submitted Under Rule (12) of Granite Conservation & Development Rules, 1999)

CATEGORY : FULLY MECHANIZED CATEGORY - A

TYPE OF LAND : RESERVE FOREST LAND

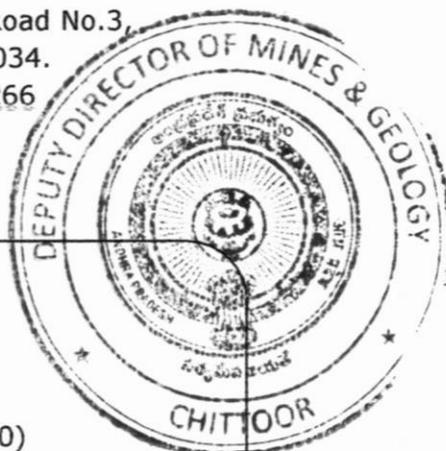
Extent: 9.880 Hects

EXTRACTION OF BLACK GRANITE

COMPARTMENT NO.227 & 223, OF BASIVIPALLI & CHITTAPARA R.F., CHITTOOR WEST
DIVISION OF GUDIPALA MANDAL, CHITTOOR DISTRICT,
ANDHRA PRADESH STATE.

OF

M/s. SRI VASISTA MINING,
Mg.Partner: Sri B.S. NITHIN KUMAR REDDY,
S/o. Sri B.S.Sreenath Reddy,
Sri VasistaApurva, 5th Floor,
#8-2-350, Banjara Hills Road No.3,
HYDERABAD - 500034.
Cell No: 9000352266



PREPARED BY

Y. THIMMAIAH,

RQP/GEOLOGIST

Cell No: 9440053509

(RQP/DMG/AP/11/2020)

61205, Indu Fortune Fields Gardenia,

13th Phase, K.P.H.B. Colony,

HYDERABAD - 500085.

DECLARATION

Certified that the Quarry Lease application is filed for 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. by our company and the draft 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 Rule 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 Lessee

(B. S. Nithin Kumar Reddy)

Mg. Partner

Date:

Place: Hyderabad



CERTIFICATE

Certified that the provisions of APMMC Rule 1966 & GCD Rule 1999 and the guidelines of the Director of Mines & Geology, Govt. of A.P have been observed in preparation of 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 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 Mining Plan is true and correct to the best of my Knowledge.

Date: 02-10-2021

Place: Hyderabad



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LIST OF ANNEXURES

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1	Divisional Forest Officer's Letter	Annexure- IA
2	Copy of the Q.L. Application and its Enclosures	Annexure- I
3	Pictures of the Recommended Q.L. area and Boundary Pillars	Annexure-II
4	Copy of the RQP Certificate	Annexure- III

**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. AND 223 OF
CHITTAPARA R.F., CHITTAPARA BEAT, CHITTOOR WEST RANGE AND
CHITTOOR WEST DIVISION, A.P.**

(Submitted Under Rule (12) of Granite Conservation & Development Rules, 1999)

INTRODUCTION:

Sri B. S. Nithin Kumar Reddy, Managing Partner 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 R.F., Chittapara Beat, Chittoor West Range and Chittoor West Division, A.P.(Ref: Annexure-I). The Divisional Forest Officer, Chittoor West Division issued a Letter (Rc. No.351/2019/To, Dt: 10-08-2021 (Ref: Annexure-IA) to submit the approved mining plan from the Competent Authority of Mines & Geology. Hence the mining plan is prepared based on DGPS surveyed sketch, attested by the Divisional Forest Officer, Chittoor West Division. The mining plan is also prepared as per the guide lines furnished in Form- T and it is submitted under Rule (12) of Granite Conservation & Development Rules, 1999.

I GENERAL:

6) Name & Address of the Applicant:

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

7) Status of the Applicant: Partner Ship Firm

8) Mineral(s) Which is/are included in the letter of Intent: Black Granite

9) Mineral(s) which is the applicant Lessee intends to mine: Black Granite

10) Name and Details of Person employed for preparation Mining Plan *

Y.Thimmaiah, Mobile: 9440053509
Address: 61205, Indu Fortune Fields Gardenia,
Phase 13, KPHB, Kukatpally, Hyderabad- 500085,
Reg: No: RQP/ DMG/ AP/11/2020, Valid upto: 6/5/2030



II LOCATION AND ACCESSIBILITY:

1) Applied / Lease area Details:

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

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

No: 2584/MP/BG/CTR/hwy
Date: 06.10.2021

APPROVED
(Signature)
Deputy Director of Mines & Geology
Chittoor.

Geo Coordinates (Datum: WGS-84) for all Boundary Pillars of Applied Q.L.

Sl. No.	Name	Latitude	Longitude
1	VA-1	13.09127992	79.12671016
2	VA-2	13.09058754	79.1272432
3	VA-3	13.09015296	79.12776187
4	VA-4	13.08998058	79.12808149
5	VA-5	13.08937359	79.12898918
6	VA-6	13.08872986	79.1294501
7	VA-7	13.08833081	79.12998926
8	VA-8	13.08782864	79.12949888
9	VA-9	13.08697815	79.12967516
10	VA-10	13.08701336	79.12921673
11	VA-11	13.08775589	79.12852601
12	VA-12	13.08860021	79.12752984
13	VA-13	13.08880106	79.12628011
14	VA-14	13.08831813	79.1257961
15	VA-15	13.08771029	79.12519037
16	VA-16	13.0885891	79.12488058
17	VA-17	13.089397	79.12560956
18	VA-18	13.09003002	79.12618051
19	VAZ-1	13.09114623	79.12672815
20	VAZ-2	13.09053627	79.12719558
21	VAZ-3	13.09010182	79.12771246
22	VAZ-4	13.08992314	79.12804195
23	VAZ-5	13.08931686	79.12894904
24	VAZ-6	13.08868096	79.12940178
25	VAZ-7	13.08832179	79.12988635
26	VAZ-8	13.08785269	79.12942533
27	VAZ-9	13.08705271	79.12958896
28	VAZ-10	13.08707871	79.12924975
29	VAZ-11	13.08780421	79.12857456
30	VAZ-12	13.08866397	79.12756025
31	VAZ-13	13.08887219	79.12625551
32	VAZ-14	13.08836539	79.12574645
33	VAZ-15	13.08783565	79.12521881
34	VAZ-16	13.08857479	79.12495964
35	VAZ-17	13.08936714	79.12566435
36	VAZ-18	13.08999358	79.12623964
37	RO L-I	13.09156188	79.12684573
38	RO L-2	13.0912265	79.12675223
39	RO R-I	13.09158574	79.12679605

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: 217 & 223 of Basivipalli R.F. & Chittapara R.F in Chittapara Beat of Chittoor West Range and Chittoor West Division for Quarry is enclosed as Plate-1A.



3

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 is also located at a distance of 500 m from the village of Dalavaipalle due South. The village Dalavaipalle is located at a distance of 0.5 km from Gudipala, the mandal headquarters which is located on N.H-4 at a distance of 12 km from Chittoor town towards Vellore. The applied area can be approached by a metal road of 0.550 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. Dalavaipalle (0.5km) is the nearest place to the Q.L. area for primary facilities like electricity, primary school, post office and Bus services. Chittoor (13km) is the nearest place for other facilities like Market, Higher Education, Hospitals and Railway Station. The nearest airport is located at Thirupati (98km) and the nearest seaport is located at Chennai (150km) from the applied area.

PART - A

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 joins to the seasonal nala and the nalas join to local tanks, located at more than 1.0km from the area on Northern side.
 - ii) Drainage Pattern: There is no natural drain system 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: Because the applied area is located in R.F. the slopes of the area is 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.

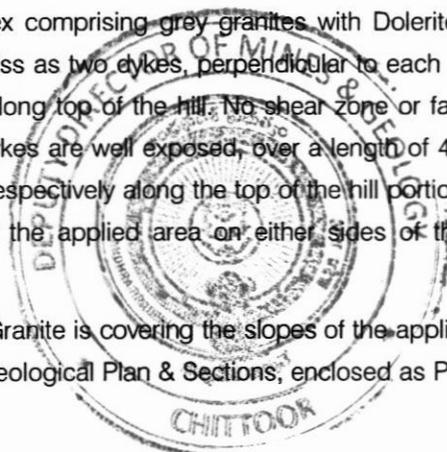
<u>Geological Era</u>	<u>Geological Unit</u>	<u>Rock Type</u>
Proterozoic	Closepet granite and its	Granite Variants
	Equivalent Peninsular Gneiss	Migmatites
	With older Granites and Migmatites	Gneisses and Granites
Archean	Schistose rocks of Greenstone Belts and its equivalents	

b) Detailed Description of Geology of the Area:

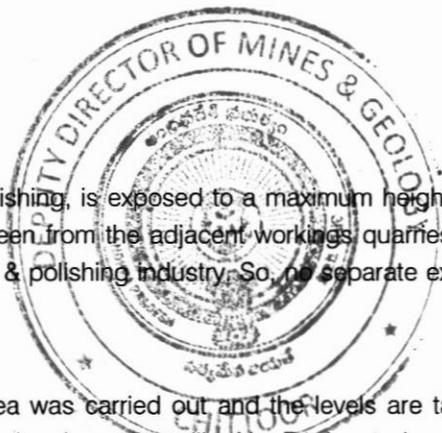
The area represents a peninsular gneissic complex comprising grey granites with Dolerite dykes intrusions. The Dolerite is intruded through the gneiss as two dykes, perpendicular to each other in SE -NW & NE-SW directions in the applied area along top of the hill. No shear zone or faults are noticed 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, clinopyroxenes 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,
 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:

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'	65	276	17940	3140	14801
	B-B'	50	530	26500	4638	21863
	C-C'	50	926	46300	8103	38198
	D-D'	75	2518	188850	33049	155801
	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'	78	2068	161304	28228	133076
			Total	1016494	177890	838611

Geological Reserves of Black Granite = 177886 m³j) 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 generated 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-7 will be blocked under benches formation 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 under bench formation are estimated by cross sectional methods as furnished in the following tables -6.

Proved Reserves blocking under Safe Benches:

Table-6

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

Black Granite Reserves blocking under benches = 9240 m³

Mineable Reserves of Black Granite:

Geological Reserves – Blocking Reserves: 177890 – 9240 = 168650 m³

UNFC Classification of Reserves & Resources Estimation: Table-7

Classification	Code	Quantity of Black Granite(m ³)	
Total Mineral Resources (A+B)		177890	
A. Mineral Reserves			
1. Proved Mineable Reserves	111	168650	
2. Probable Mineable Reserves	121&122	<u>000000</u>	
		168650	
B. Remaining Resources			
1. Feasibility Resources	211	9240 (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 Block 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: $(168650 / 8000 \text{ m}^3 = 21)$ 21 Years.



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. To achieve the target production, about 1.5650 Ha of area will be excavated during first five years plan period. 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):

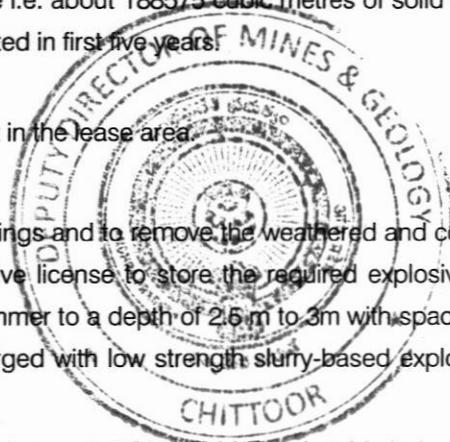
No processing of the granite blocks will be carried out in the lease area.

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 14658 m² to a height of 15 to 18m @ 2932 m² per each year on an average. 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. Due to quarry excavations about 1.5650 Ha will be degraded into working pit by the end of first five years. 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.

Year wise waste generation particulars are summarised below.

Year	Generation of O.B. (m ³)	Generation of Granite Waste (m ³)	Total Waste (m ³)	Dumping Area (m ²)
1 st Year	6720	37719	44439	2963
2 nd Year	5904	37714	43618	2908
3 rd Year	5904	37714	43618	2908
4 th Year	6640	37719	44359	2957
5 th Year	6132	37709	43841	2923
Total	31300	188575	219875	14658

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-griller. 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-11.

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 0.3360 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.

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	RH 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:

- 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.

Particulars of year wise waste generation and its dumping area are furnished below.

Year	Overburden (m ³)	Granite Waste (m ³)	Total Waste (m ³)	Dumping Area (m ²)
1 st Year	6720	37719	44439	2963
2 nd Year	5904	37714	43618	2908
3 rd Year	5904	37714	43618	2908
4 th Year	6640	37719	44359	2957
5 th Year	6132	37709	43841	2923
Total	31300	188575	219875	14658

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 14658 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 14658 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 380m and to a width of 1m each.

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.

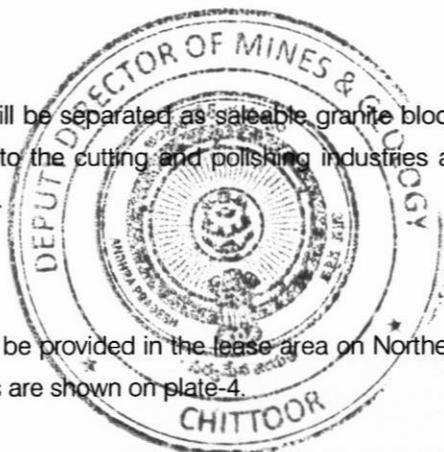
8. **OTHERS**a) Site Services:

For site services an office, first aid and rest shed will be provided in the lease area on Northern 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



PART-B

PROGRESSIVE MINE CLOSURE PLAN

1 Environment Base line information:

- a) Existing Land Use Pattern: The subject area is belongs to Reserved Forest. 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 recommended 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 perennial water sources in the applied area. The rainwater flows through the slops of the area and it joins to seasonal nala, which is running on Northern side.
- 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: The following area is required for mining activity for first five years plan period.

Mining Activity	Area Covers in Hectors
Working Area	1.5650
Waste Dump Area	1.4658
Plantation	0.1000
Mine Roads	0.1080
Site Services	0.0050
Retaining wall & G. Drain	0.1520
Total Area	3.3958 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 1.4650 Ha will be mined out. In balance area, about 1.4658 Ha will be used for waste dumping. By the end of the life of the mine about 4.768 Ha will be used for excavation of the mineral. So, no backfilling is proposed for this lease period because the mineral available at bottom levels to be recovered in next lease period. The land use pattern for first five years plan period is detailed below.

The progressive land use patron for first five years of the lease period is detailed below.

Year	Land degradation at the beginning Ha	Additional area required (Ha)	Total Area (Ha)	Reclamation in the year (ha)	Degraded area at end of the year (Ha)
1 st Year	0	0.3360	0.3360	Nil	0.3360
2 nd Year	0.3360	0.2952	0.6312	Nil	0.6312
3 rd Year	0.6312	0.2952	0.9264	Nil	0.9264
4 th Year	0.9264	0.3320	1.2584	Nil	1.2584
5 th Year	1.2584	0.3066	1.5650	Nil	1.5650

The land degradation in subsequent five years of the lease period:

Based on present data, the life of the mine is estimated as 21 years. However, the 20 year workings will give the clear picture of the mineral thickness where the mineral is continuing further depth or not. If the mineral is not continued further depth of 20 year workings, the waste material will be re handled for backfilling of the worked-out pit at the end of the life of the mine. The mineral available at the bottom of the pit will be excavated during this 20 years lease period as detailed below.

Year	Land degradation at the beginning Ha	Additional area required (Ha)	Total Area (Ha)	Reclamation in the year (ha)	Degraded area at end of the year (Ha)
In 15 years	1.5650	3.203	4.768	Nil	4.768

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 4.768 Ha to a max. depth of 44 m from top of the hill. Hence, the mineral available at the bottom of the working pit will be excavated in next lease period.

Plantation: A green belt will be developed along lease boundary on western & Northern sides of the area. In every year 50 plants of local species will be planted over a length of 100 m and at 2m interval. The details of year wise plantation are furnished below. *

Year	Area proposed for plantation	Plants proposed For the year	Cost for plantation
1 st Year	100m x 2m: 200 m ²	50 Nos of local species	Rs6000/-
2 nd Year	100m x 2m: 200 m ²	50 Nos of local species	Rs6000/-
3 rd Year	100m x 2m: 200 m ²	50 Nos of local species	Rs6000/-
4 th Year	100m x 2m: 200 m ²	50 Nos of local species	Rs6000/-
5 th Year	100m x 2m: 200 m ²	50 Nos of local species	Rs6000/-
Total	0. 1000 Ha	250 Plants	Rs30,000/-

- 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:** The mines manager/ mine owner will take necessary action as per statutory requirement, 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 Along boundary.	1000 m ² area will be Planted in five years.	---

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 conditcns & stipulations indicated in the Mining Plan / Scheme Approved letter.

No:.....

Date:.....

APPROVED
[Signature]
Deputy Director of Mines & Geolo_g,
Chittoor.

ANNEXURE- IA

**GOVERNMENT OF ANDHRA PRADESH
FOREST DEPARTMENT**

Rc.No.351/2019/TO,
Dated: 10.08.2021

O/o the Divisional Forest Officer,
Chittoor West Division, Chittoor.

**Sri S. Ravi Shankar,SFS,
Divisional Forest Officer.**

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- Proposals submitted for approval- Further information called for - Reg.
Ref	: 1. Prl. Chief Conservator Forests(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. Prl. Chief Conservator Forests(HoFF), AP. Guntur Rc.No. EFS02-15029/22/2020-FCA.1, dt: 03.08.2021 addressed to the Director of Mines & Geology, Ibrahimpatnam.



Please go through the instructions of PCCF in the reference 3rd cited, and submit the approved Mining plan from the competent authority of Mines & Geology Department as early as possible for submission of compliance report to the PCCF AP Guntur for further action in the matter.

To
M/s Sri Vasista Mining,
Mg.Pr: B.S. Nithin Kumar Reddy
Nandyala, Kurnool District



Annexure - I

GOVERNMENT OF ANDHRA PRADESH
FORM -"P"
Application of Quarry Lease for Granite

Dated 25th Day of January, 2019

Received at _____
On _____

Initial of the receiving officer



INTRAJ, 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, Kurnool Dist A.P 518 501
Mobile No.9000352266
PAN NO. ADOF65854M
E-mail : nithin@rivasista.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:
 - a. An individual, his Nationality, Qualification and experience related to quarrying. : Indian
 - 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



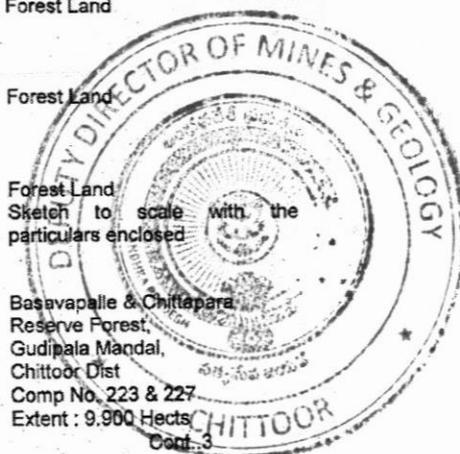
Cont. 2

: 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 within 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, : Yes
then the following particulars be given
12. In case the area applied for this 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, : Basavapalle & Chittapara
protected, unclassified etc., 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 : No
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
- b. Has the applicant carried out the prospecting : Does not arise
operation over the area under P... and send his report to the State Govt. if not, state reasons for not doing so
- 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



Cont.4

- 4 :
- i. Names of the countries to which it is likely to be exported where the mine 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. : Rough blocks
- 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. : For cutting and polishing units
- 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 submitted 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.

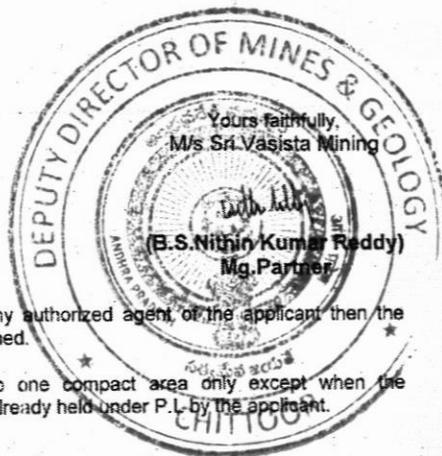
Date : 26.01.2019

Yours faithfully,
M/s. Sri. Vasista Mining

(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-10

GOVERNMENT OF ANDHRA PRADESH

Challan No:	21100552732018	Challan Creation Date & Time:	26/01/2019 4:08:48 PM
Treasury/PAD Code:	1102	STO:	STO-Chittoor
CFMS Transaction ID:			20073575492018
Major Head:	0353	Non-Ferrous Mining and 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:	01	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.Nithin Kumar Raddy, S/o B.S.Sreerath Reddy, Nandyal, Kurnool Dist A.P	
DDO Code:	11021307001	ADM INS.GEO. CHITTOOR	
Status:		Payment Transaction Successful	
Bank Reference Number:		CPM5889284	
Payment Date:		26/01/2019	
Received Rs	12500.00		



Note: This Challan does not need enforcement of the treasury



APTC FORM-10

GOVERNMENT OF ANDHRA PRADESH

Challan No: 21108554612018	Challan Creation Date & Time: 26/01/2019 4:11:46 PM
Treasury/PAO Code:1102	STO:STO-Chittoor
CFMS Transaction ID:	20073607832018
Major Head:	8443 Civil Deposits
Sub-Major Head:	00 Not Applicable
Minor Head:	103 Security Deposits
Group Sub-Head:	00 Not Applicable
Sub-Head:	01 Security Deposits
Detailed Head:	000
Sub-Detailed Head:	000
Charged/Voted:	V
Non-Contingency/Contingency:	N
Amount Rs:	250000.00
Amount In words Rs:	Two lakh fifty thousand only

Purpose: APPLICATION FEE DEPOSIT AMOUNT

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

DDO Code: 11021307001
ADMINS.GEO. CHITTOOR

Status: Payment Transaction Successful

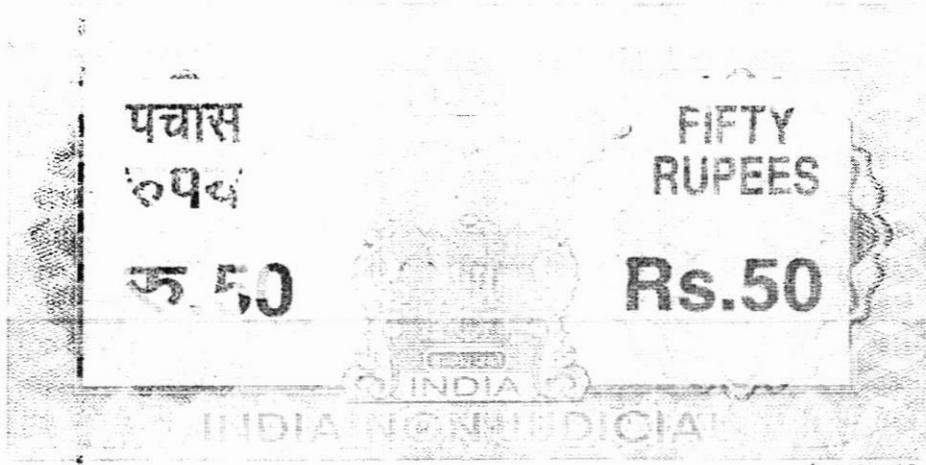
Bank Reference Number: CPN8690221

Payment Date: 26/01/2019

Received Rs. 250000.00



Note: This Challan does not need encashment of the treasury



ఆంధ్రప్రదేశ్ రాష్ట్రం ANDHRA PRADESH
 No. 1079 S.O. Dtd. 25.1.2019

Ad To: S. Nithin Kumar Reddy

For Whom: M/s. Partner M/s Sri Vasista Mining
 Nandyal Kurnool

K. VEENA
 A.K. VEENA
 LICENCED STAMP VENDOR
 L.No. 10-23-001/2019
 K.No. 10-23-001/2019
 #2-14532 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 26th day of January 2019.
 Govt. of Andhra Pradesh
 Registrar of Mines & Geology
 Chittoor District



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.



Nandyal

Date: 04 August 2016

REGISTRAR OF FIRMS

Signature valid

Digitally signed
by Gandra Sata
Subramanyam
Date: 2016.08.04
13:23:09 IST



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

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.

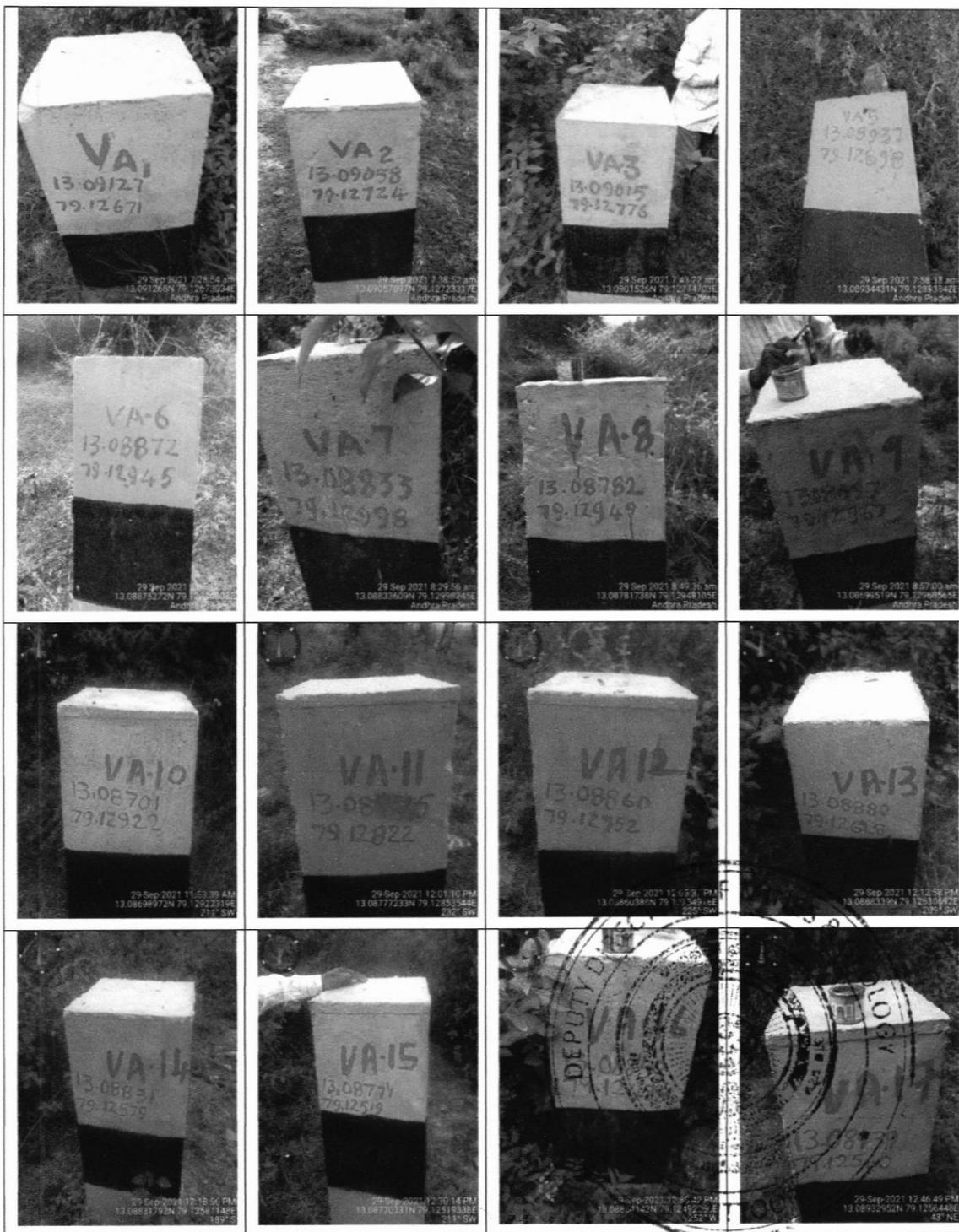


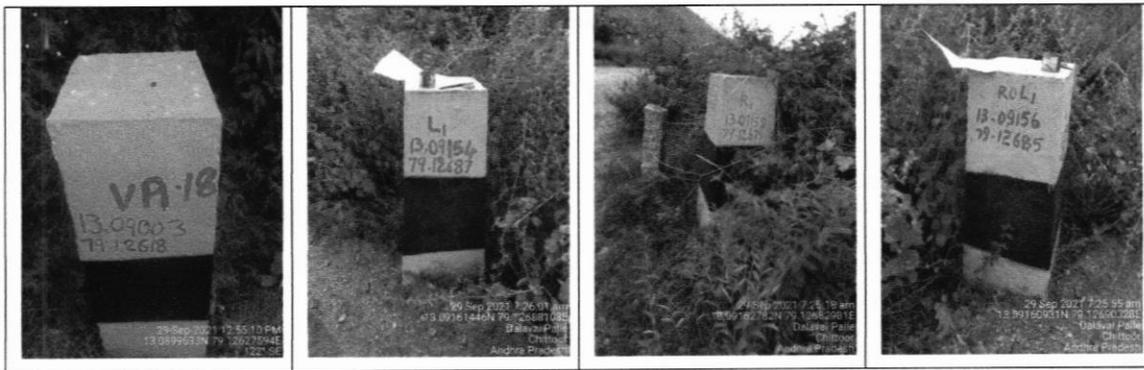
- 2) Picture shows sheet rock of Black Granite exposed in Comp. No.277 & 223 of Basivipalli & Chittapara R.F,



- 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...

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]

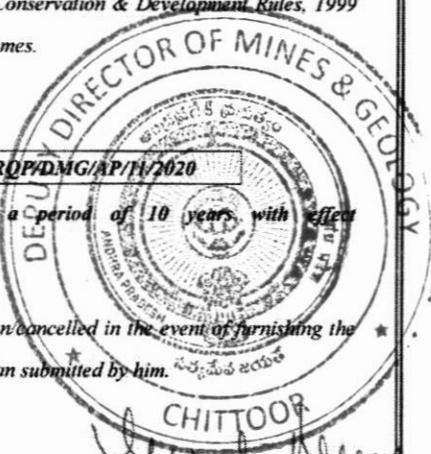
Sri Y. Thinmaiah S/o Sri.Y. Lingappa, F.No.61205, Indu Fortune Fields Gardenia KPHB-13th Phase, Hi-tech City – JNTU-Road, Hyderabad-500085. *whose photograph is affixed herein above. having given evidence of his qualification and experience is hereby granted recognition under rule 14(3) of Granite Conservation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

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

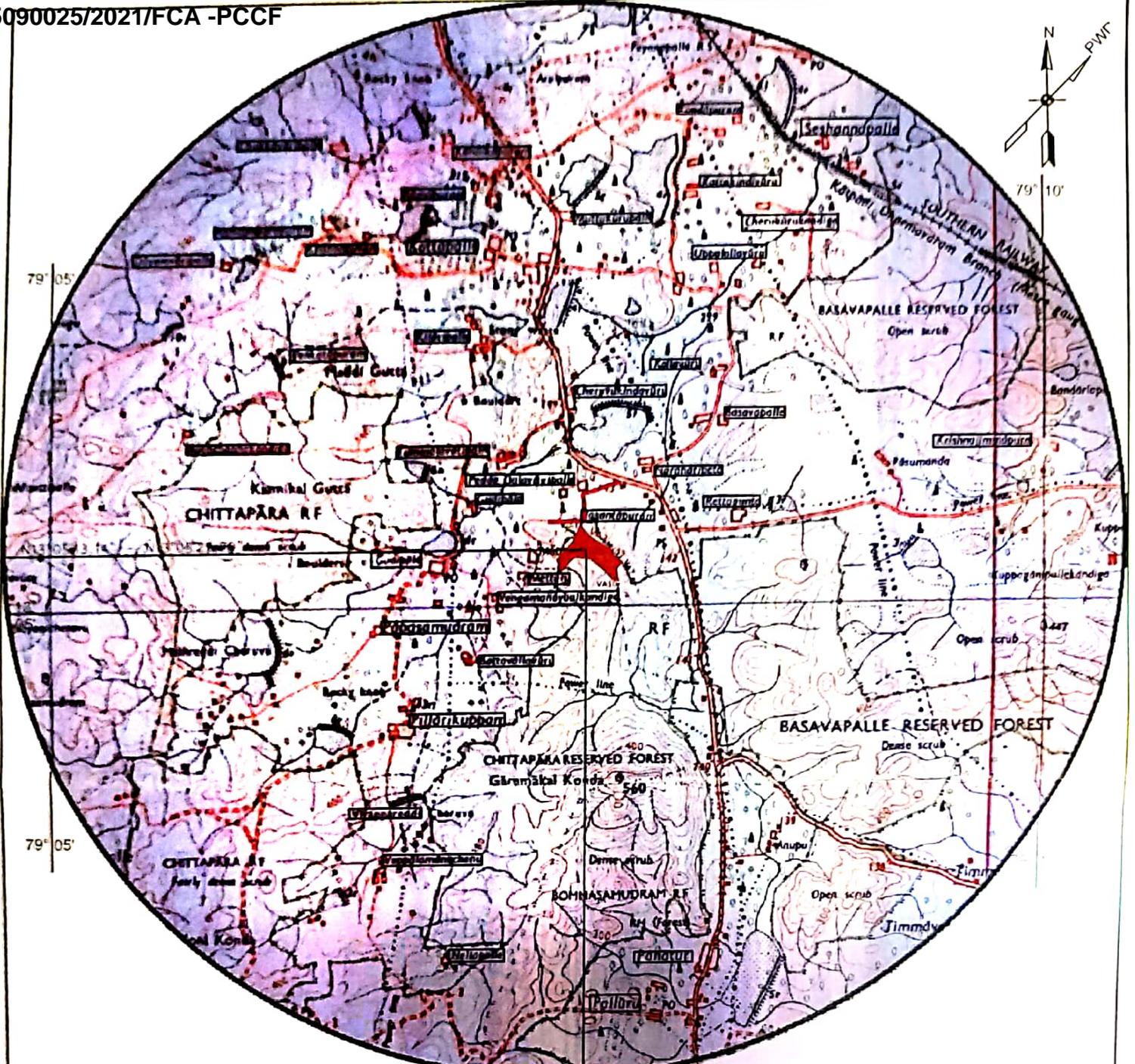
This Recognition is valid for a period of 10 years, with effect from 07.05.2020 and valid upto 06.05.2030.

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: Ibrahimpatnam
Date :10.07.2020.



[Signature]
Director of Mines & Geology



E78°07'29.57" - E78°07'47.96"

Name	N-Latitude	E-Longitude
VA-1	13.06127992	79.12671016
VA-2	13.06058754	79.1272432
VA-3	13.06015296	79.12776187
VA-4	13.05960058	79.12808166
VA-5	13.05937359	79.12850978
VA-6	13.05872966	79.1289469
VA-7	13.05833061	79.12938402
VA-8	13.05782656	79.12982114
VA-9	13.05697715	79.12967516
VA-10	13.05707735	79.12921518
VA-11	13.05715508	79.12853511
VA-12	13.0560021	79.12752513
VA-13	13.0550106	79.12651515
VA-14	13.0531813	79.12550517
VA-15	13.051771029	79.12449519
VA-16	13.0505891	79.12348521
VA-17	13.0494072	79.12247523
VA-18	13.0482253	79.12146525
VA-19	13.0470434	79.12045527
VA-20	13.0458615	79.11944529
VA-21	13.0446796	79.11843531
VA-22	13.0434977	79.11742533
VA-23	13.0423158	79.11641535
VA-24	13.0411339	79.11540537
VA-25	13.0400000	79.11439539
VA-26	13.0388181	79.11338541
VA-27	13.0376362	79.11237543
VA-28	13.0364543	79.11136545
VA-29	13.0352724	79.11035547
VA-30	13.0340905	79.10934549
VA-31	13.0329086	79.10833551
VA-32	13.0317267	79.10732553
VA-33	13.0305448	79.10631555
VA-34	13.0293629	79.10530557
VA-35	13.0281810	79.10429559
VA-36	13.0270000	79.10328561
VA-37	13.0258181	79.10227563
VA-38	13.0246362	79.10126565
VA-39	13.0234543	79.10025567
VA-40	13.0222724	79.09924569
VA-41	13.0210905	79.09823571
VA-42	13.0200000	79.09722573
VA-43	13.0188181	79.09621575
VA-44	13.0176362	79.09520577
VA-45	13.0164543	79.09419579
VA-46	13.0152724	79.09318581
VA-47	13.0140905	79.09217583
VA-48	13.0129086	79.09116585
VA-49	13.0117267	79.09015587
VA-50	13.0105448	79.08914589
VA-51	13.0093629	79.08813591
VA-52	13.0081810	79.08712593
VA-53	13.0070000	79.08611595
VA-54	13.0058181	79.08510597
VA-55	13.0046362	79.08409599
VA-56	13.0034543	79.08308601
VA-57	13.0022724	79.08207603
VA-58	13.0010905	79.08106605
VA-59	13.0000000	79.08005607
VA-60	12.9988181	79.07904609
VA-61	12.9976362	79.07803611
VA-62	12.9964543	79.07702613
VA-63	12.9952724	79.07601615
VA-64	12.9940905	79.07500617
VA-65	12.9929086	79.07399619
VA-66	12.9917267	79.07298621
VA-67	12.9905448	79.07197623
VA-68	12.9893629	79.07096625
VA-69	12.9881810	79.06995627
VA-70	12.9870000	79.06894629
VA-71	12.9858181	79.06793631
VA-72	12.9846362	79.06692633
VA-73	12.9834543	79.06591635
VA-74	12.9822724	79.06490637
VA-75	12.9810905	79.06389639
VA-76	12.9799086	79.06288641
VA-77	12.9787267	79.06187643
VA-78	12.9775448	79.06086645
VA-79	12.9763629	79.05985647
VA-80	12.9751810	79.05884649
VA-81	12.9740000	79.05783651
VA-82	12.9728181	79.05682653
VA-83	12.9716362	79.05581655
VA-84	12.9704543	79.05480657
VA-85	12.9692724	79.05379659
VA-86	12.9680905	79.05278661
VA-87	12.9669086	79.05177663
VA-88	12.9657267	79.05076665
VA-89	12.9645448	79.04975667
VA-90	12.9633629	79.04874669
VA-91	12.9621810	79.04773671
VA-92	12.9610000	79.04672673
VA-93	12.9598181	79.04571675
VA-94	12.9586362	79.04470677
VA-95	12.9574543	79.04369679
VA-96	12.9562724	79.04268681
VA-97	12.9550905	79.04167683
VA-98	12.9539086	79.04066685
VA-99	12.9527267	79.03965687
VA-100	12.9515448	79.03864689

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



MS. SRI VASISTA MINING IS CORRECT

[Signature]
Managing Partner
SIGNATURE OF APPLICANT

[Signature]
SIGNATURE OF THE R. Q. P

MITIGATIVE MEASURES PLAN

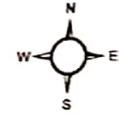
Comp. Nos.227 & 223 of Basivipalli R.F & Chittapara R.F. of Chittapara Beat, Chittoor West Range, Chittoor West Division, A.P. Extent of 9.88 Ha.

LOCATION CUM KEY PLAN

APPLICANT: M/s SRI VASISTA MINING

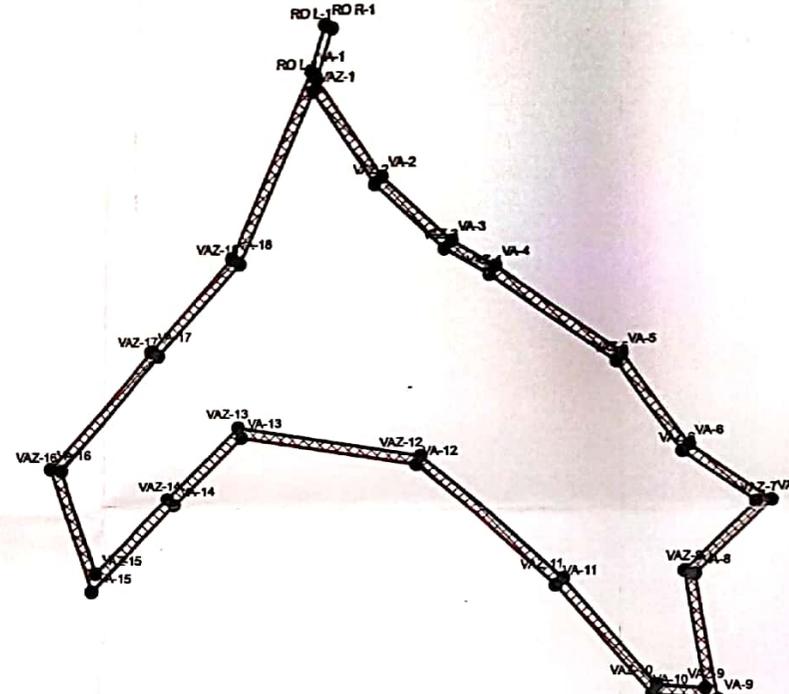
SCALE : 1 : 50,000 | T.SHEET No. 57 / O 4 | PLATE- 1

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.



1:3500

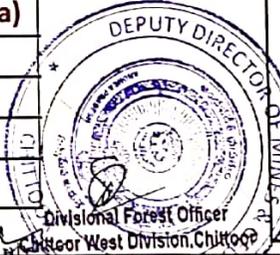
S no	Name	Northing	Easting	Elevation	Latitude	Longitude	Elevation
1	VA-1	1447982.29	296899.703	322.705	13.09127992	79.12671016	233.048
2	VA-2	1447905.257	296956.946	327.782	13.09058754	79.1272432	238.121
3	VA-3	1447856.758	297012.842	332.024	13.09015296	79.12776187	242.361
4	VA-4	1447837.429	297047.365	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	1447588.567	296731.948	330.748	13.08771029	79.12519037	241.089
16	VA-16	1447686.047	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	1447844.426	296841.235	381.489	13.09003002	79.12618051	291.831
19	VAZ-1	1447967.484	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	1447851.14	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	1447763.299	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	1447596.239	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	1447660.6	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	296904.221	323.334	13.0912265	79.12675223	233.677
39	RO R-1	1448016.057	296909.269	320.032	13.09154574	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



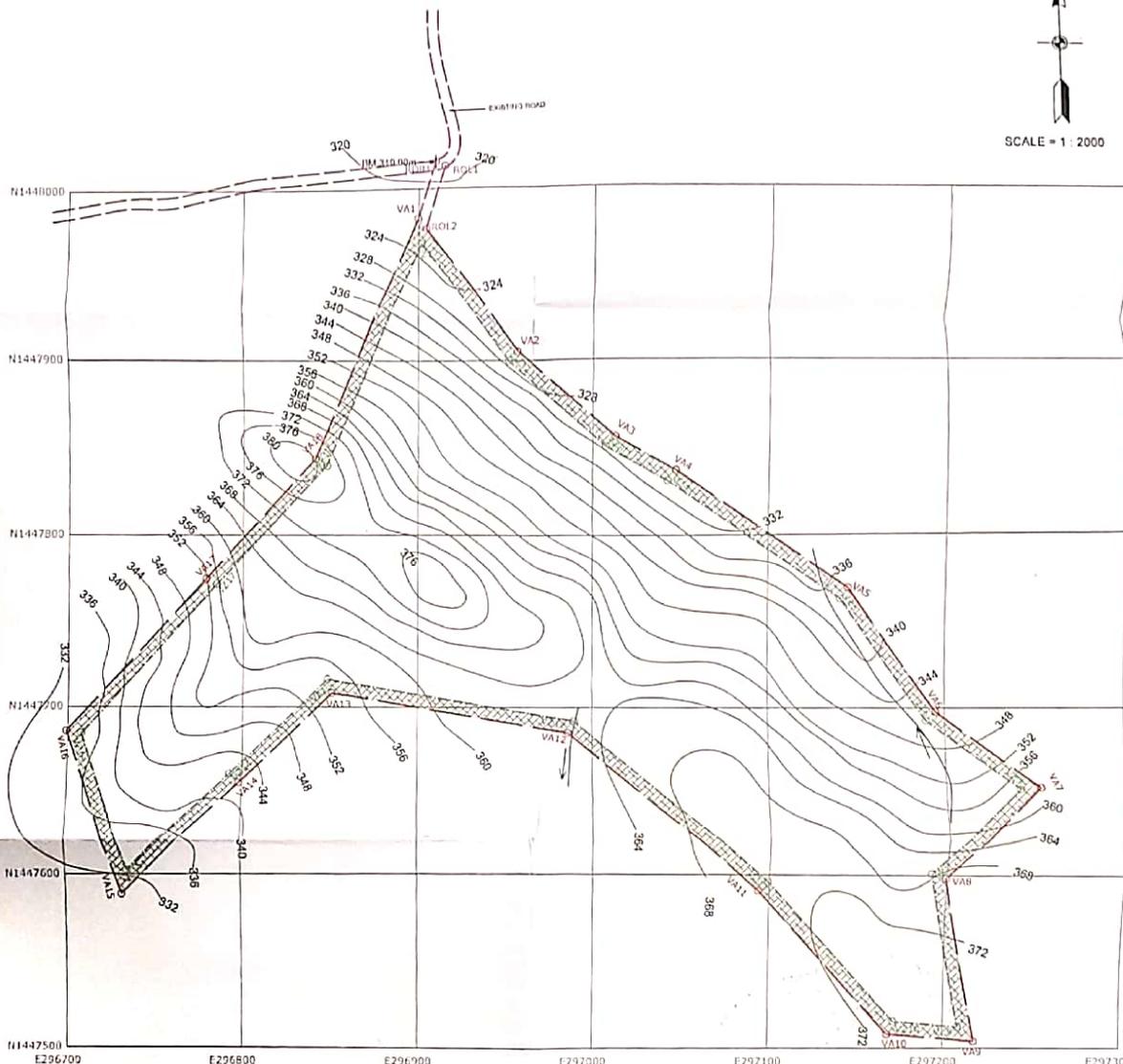
For M/S. SRI VASISTA MINING
 With the Managing Partner
 PLATE:IA

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

Conservator of Forests
 Assistant Conservator of Forests
 O/o Principal Charge Conservator of Forests
 Aranya Bhavan, Guntur.



SCALE = 1 : 2000



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

Name	N-Latitude	E-Longitude
VA-1	13 09127902	79 12671018
VA-2	13 09058754	79 12724332
VA-3	13 09015296	79 12776187
VA-4	13 08999058	79 12808149
VA-5	13 08937359	79 12850918
VA-6	13 08872908	79 12945501
VA-7	13 08833081	79 12990926
VA-8	13 08782664	79 12949888
VA-9	13 08697816	79 12067516
VA-10	13 08701336	79 12921873
VA-11	13 08775509	79 12652901
VA-12	13 08680221	79 12752884
VA-13	13 08801006	79 12622011
VA-14	13 08631813	79 12579981
VA-15	13 08771029	79 12619037
VA-16	13 08658901	79 12488058
VA-17	13 089397	79 12590950
VA-18	13 09030322	79 12619051
VAZ-1	13 09114623	79 12612815
VAZ-2	13 09053627	79 12719558
VAZ-3	13 09010182	79 12771248
VAZ-4	13 08992314	79 12804165
VAZ-5	13 08931896	79 12694904
VAZ-6	13 08895096	79 12640178
VAZ-7	13 08832179	79 12688055
VAZ-8	13 08785269	79 12942533
VAZ-9	13 08705271	79 12928896
VAZ-10	13 08707871	79 12924975
VAZ-11	13 08760421	79 12857458
VAZ-12	13 08680397	79 12756025
VAZ-13	13 08897219	79 12625551
VAZ-14	13 08636539	79 12574645
VAZ-15	13 08783585	79 12621981
VAZ-16	13 08657470	79 12405984
VAZ-17	13 08936714	79 12566435
VAZ-18	13 08999350	79 12623984
RO L-1	13 09156188	79 12684678
RO L-2	13 09122805	79 12675223
RO R-1	13 09158574	79 12679605

INDEX

Details of the Area Applied For Q.L.	
	Safety Zone Area=1.26 Ha
	Mining Area = 0.60 Ha
	Approach Road = 0.02 Ha
Total Area Applied = 9.88 Ha	
	CONTOUR
	BENCH MARK
	SEASONAL NALA

THE PLAN & SECTIONS ARE PREPARED AS PER DGPS SURVEYED SKETCH FOR M/S. SRI VASISTA MINING



Y. THIMMAIAH (R.Q.P.)

MINING PLAN FOR BLACK GRANITE		
OVER AN EXTENT OF 9.88 Ha. IN COMPARTMENT No 227 OF BASAVILUR F. AND IN COMPARTMENT No 223 OF CHITTA PARA R F CHITTOOR WEST RANGE OF CHITTOOR DIVISION, A.P		
APPLICANT: M/s. SRI VASISTA MINING		
SURFACE PLAN		
SCALE: 1 = 2000	CONTOUR INTERVAL: 4 m	PLATE - 2



SCALE = 1 : 2000



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

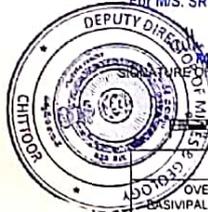
Name	N. Latitude	E. Longitude
VA-1	13 09127992	79 12671010
VA-2	13 09058754	79 1272432
VA-3	13 09015296	79 12776187
VA-4	13 08999058	79 12808149
VA-5	13 08937359	79 1286918
VA-6	13 08872946	79 1294501
VA-7	13 08833081	79 12998926
VA-8	13 08762864	79 12948838
VA-9	13 08697815	79 12967518
VA-10	13 08701330	79 12921073
VA-11	13 08775589	79 12852601
VA-12	13 08860221	79 12752904
VA-13	13 08900106	79 12628011
VA-14	13 08831813	79 1257001
VA-15	13 08771029	79 12519037
VA-16	13 0865891	79 12488058
VA-17	13 089307	79 12569956
VA-18	13 09063062	79 12618651
VAZ-1	13 09114823	79 12972815
VAZ-2	13 09053627	79 12718558
VAZ-3	13 09010182	79 12771248
VAZ-4	13 08992314	79 12804195
VAZ-5	13 08931806	79 1286918
VAZ-6	13 08869006	79 12943178
VAZ-7	13 08832179	79 12988833
VAZ-8	13 08785269	79 12942533
VAZ-9	13 08705271	79 12858898
VAZ-10	13 08707871	79 12924975
VAZ-11	13 08789421	79 12857458
VAZ-12	13 08863397	79 12756825
VAZ-13	13 08987219	79 12625551
VAZ-14	13 08938539	79 12574845
VAZ-15	13 08783565	79 12521881
VAZ-16	13 08857479	79 12495964
VAZ-17	13 08930714	79 12506435
VAZ-18	13 08999358	79 12623964
RO-L1	13 09150188	79 12964578
RO-L2	13 0912285	79 12875223
RO-R1	13 09158574	79 12879665

INDEX

Details of the Area Applied For Q.L.

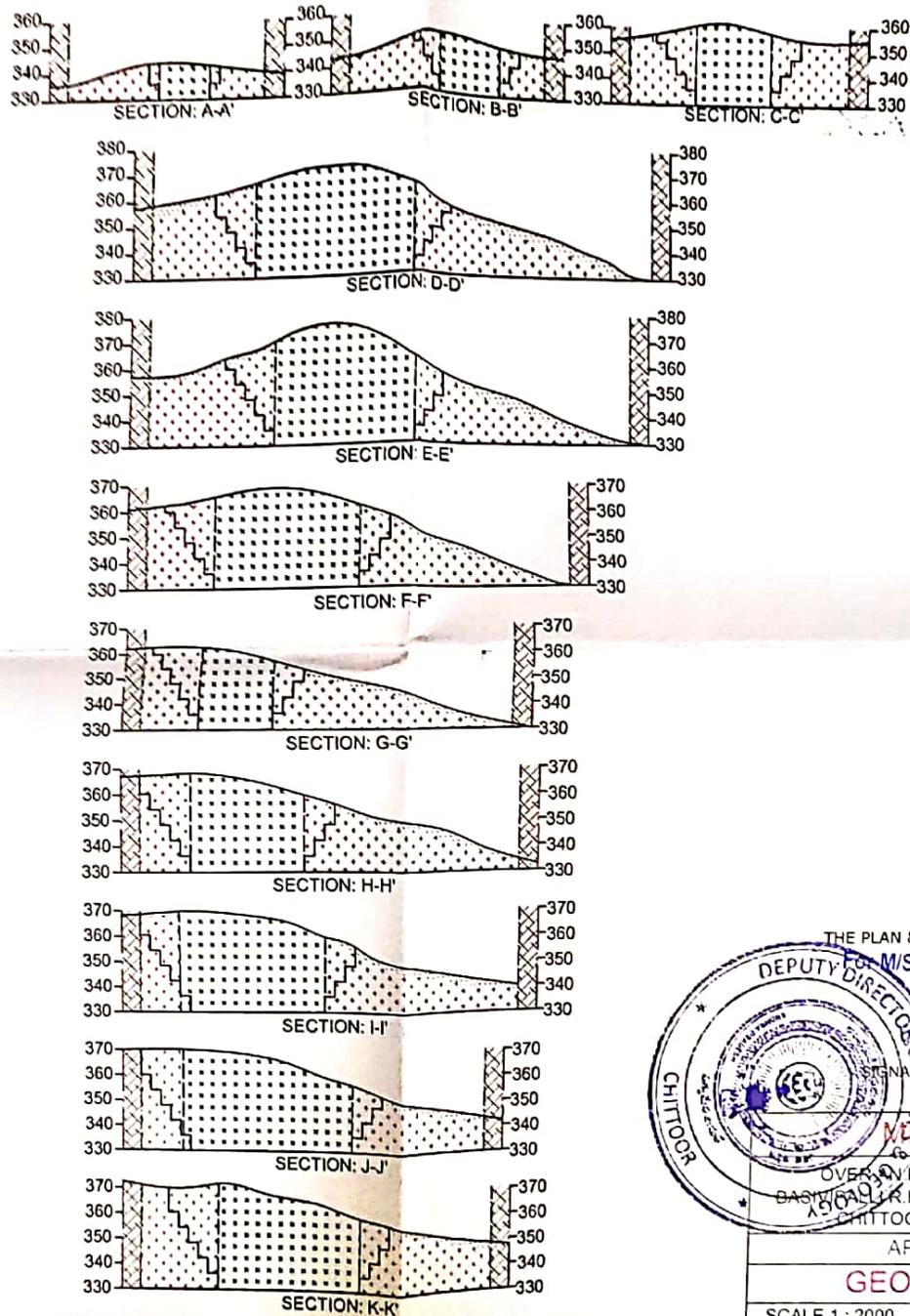
	Safety Zone Area=1.26 Ha
	Mining Area =6.60 Ha
	Approach Road =0.02 Ha
Total Area Applied =8.88 Ha	
	CONTOUR
	BENCH MARK
	SEASONAL NALA
	SOIL WITH SCREE
	BLACK GRANITE
	GRAY GRANITE

THE PLAN & SECTIONS ARE PREPARED AS PER DGPS SURVEYED SKETCH For M/S. SRI VASISTA MINING



Managing Partner
Y. TRIMMAIAH (R.Q.P.)

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 4 m PLATE - 3



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

M/S. SRI VASISTA MINING

(Signature)
Managing Partner
SIGNATURE OF THE APPLICANT

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

MINING PLAN FOR BLACK GRANITE

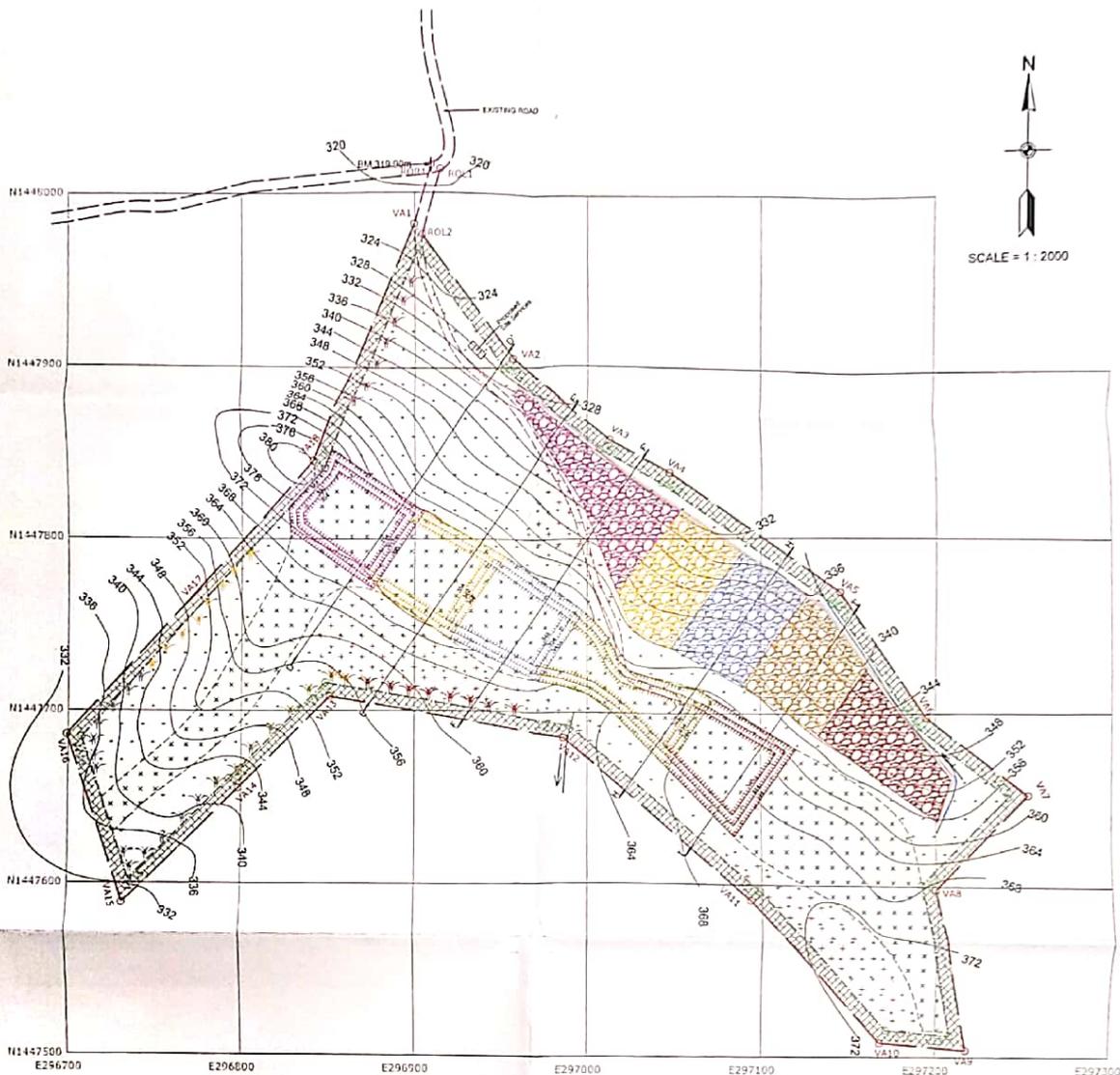
OVER AN EXTENT OF 9.88 Ha, IN COMPARTMENT No. 227 OF
BASTI GALLI R.F. AND IN COMPARTMENT No.223 OF CHITTAPARA R.F.
CHITTOOR WEST RANGE OF CHITTOOR DIVISION, A.P.

APPLICANT: M/s SRI VASISTA MINING

GEOLOGICAL CROSS SECTIONS

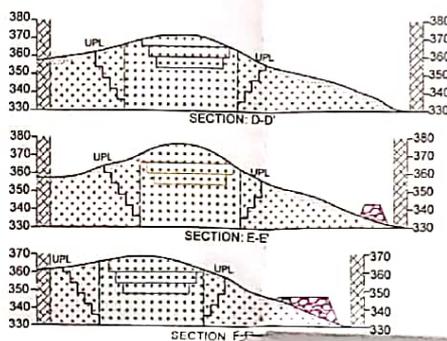
SCALE 1 : 2000

PLATE - 3A

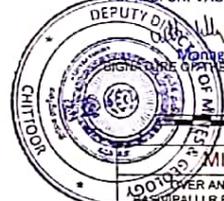


Co-Ordinates of Applied Area (DATUM: WGS 84)

Name	N-Latitude	E-Longitude
VA-1	13 09127992	79 12871016
VA-2	13 09058754	79 1272432
VA-3	13 09015266	79 12776187
VA-4	13 08996058	79 12808149
VA-5	13 08937359	79 12898918
VA-8	13 08872868	79 1294501
VA-7	13 08833081	79 12998926
VA-8	13 08782884	79 12949888
VA-9	13 08697815	79 12967516
VA-10	13 08701336	79 12921973
VA-11	13 0875599	79 12852931
VA-12	13 08860021	79 12752084
VA-13	13 08860106	79 12820011
VA-14	13 08831813	79 1257981
VA-15	13 08771029	79 12519037
VA-18	13 0885891	79 12486058
VA-17	13 089397	79 12560956
VA-18	13 09003002	79 12618051
VAZ-1	13 09114823	79 12872815
VAZ-2	13 09053627	79 12710558
VAZ-3	13 09010182	79 12771246
VAZ-4	13 08992314	79 12804195
VAZ-5	13 08931688	79 12639604
VAZ-6	13 08886096	79 12940178
VAZ-7	13 08832170	79 12986635
VAZ-8	13 08785269	79 12942533
VAZ-9	13 08705271	79 12958896
VAZ-10	13 08707871	79 12924975
VAZ-11	13 08780421	79 12857456
VAZ-12	13 08866397	79 12756025
VAZ-13	13 08887219	79 12825551
VAZ-14	13 08836539	79 12574645
VAZ-15	13 08783565	79 12521861
VAZ-18	13 08857479	79 12495964
VAZ-17	13 08838714	79 12564335
VAZ-16	13 08992358	79 12633604
RO L1	13 09158188	79 12684578
RO L-2	13 0912285	79 12675223
RO R4	13 09158574	79 12679605



THE PLAN & SECTIONS ARE PREPARED AS PER DGPS SURVEYED SKETCH FOR M/S. SRI VASISTA MINING



Working Partner
NAME OF THE APPLICANT
Y. THINMAIAH (R.Q.P.)

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Details of the Area Applied For Q.L.

	Safety Zone Area=1.26 Ha
	Mining Area =9.60 Ha
	Approach Road =0.02 Ha
Total Area Applied =9.88 Ha	
	CONTOUR
	BENCH MARK
	SEASONAL NALA
	SOIL WITH SCREE
	BLACK GRANITE
	GRAY GRANITE
	Prop. R WALL & G DRAIN

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

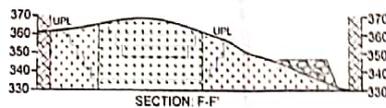
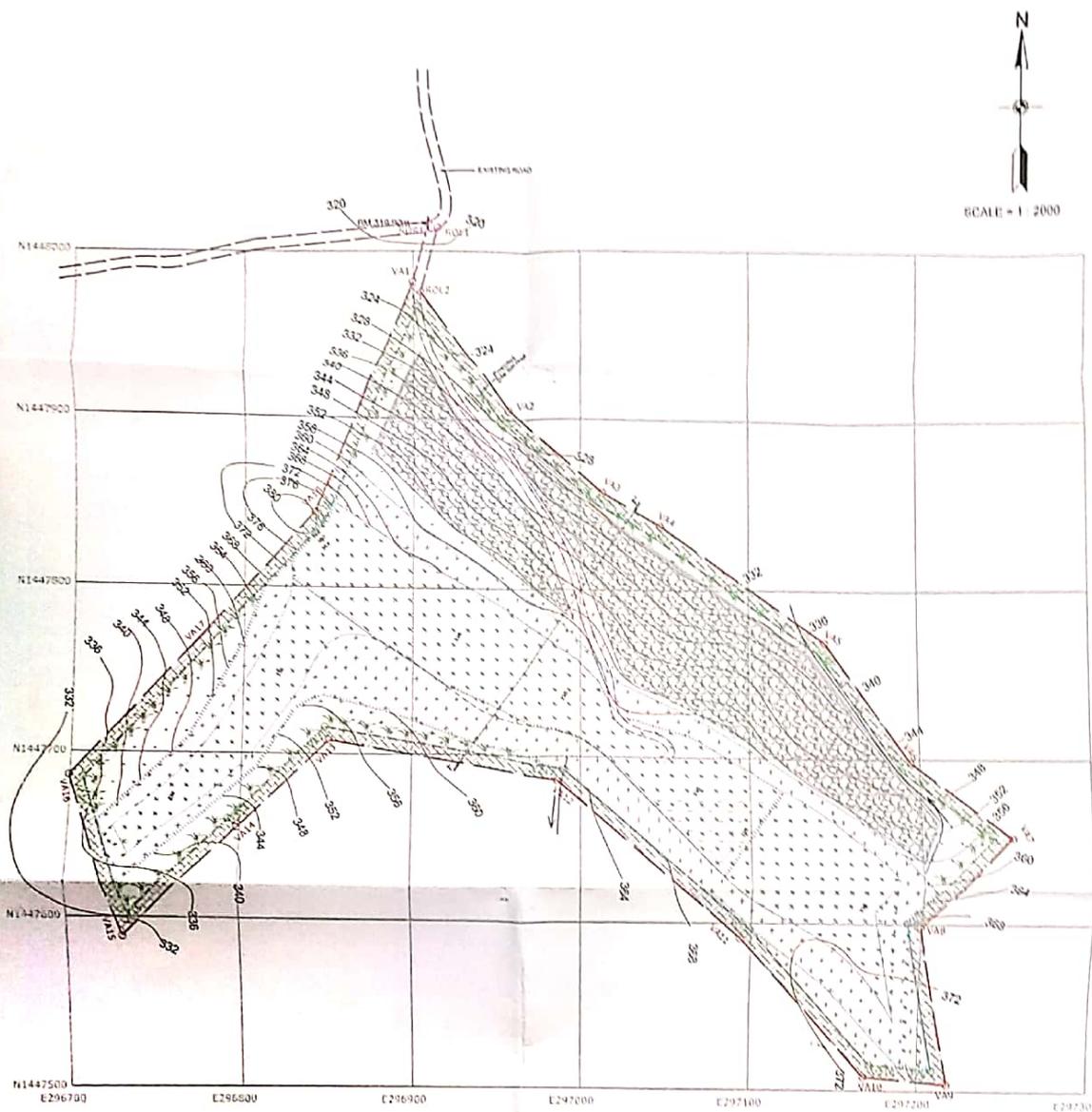
MINING PLAN FOR BLACK GRANITE

APPLICANT: M/S. SRI VASISTA MINING

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

YEAR WISE WORKING PLAN & SECTIONS

SCALE: 1 = 2000 | CONTOUR INTERVAL: 4m | PLATE - 4



Co-Ordinates of Applied Area (DATUM WGS 84)

Name	N- Latitude	E- Longitude
VA-1	13 09127992	79 12671019
VA-2	13 09058754	79 1272432
VA-3	13 09015206	79 12778167
VA-4	13 08998558	79 12808149
VA-5	13 08937359	79 12898918
VA-6	13 08872980	79 1294501
VA-7	13 08833001	79 12958920
VA-8	13 08782864	79 12949880
VA-9	13 08697815	79 12907510
VA-10	13 08701330	79 12821873
VA-11	13 08775589	79 12852901
VA-12	13 08660221	79 12752094
VA-13	13 08650106	79 12828011
VA-14	13 086831613	79 1257901
VA-15	13 08771029	79 12519037
VA-16	13 0885891	79 12480050
VA-17	13 0869397	79 12600950
VA-18	13 09003002	79 12618051
VAZ-1	13 09114823	79 12672815
VAZ-2	13 09053627	79 12718558
VAZ-3	13 09010162	79 12771240
VAZ-4	13 08992314	79 12804195
VAZ-5	13 08931680	79 12894904
VAZ-6	13 08866096	79 12940178
VAZ-7	13 08832178	79 12900055
VAZ-8	13 08785209	79 12942833
VAZ-9	13 08705271	79 12858996
VAZ-10	13 08707871	79 12824976
VAZ-11	13 08780421	79 12857450
VAZ-12	13 08664297	79 12756025
VAZ-13	13 08807210	79 12625521
VAZ-14	13 08836539	79 12574845
VAZ-15	13 08782965	79 12521881
VAZ-16	13 08854779	79 12495954
VAZ-17	13 08936714	79 12566435
VAZ-18	13 08999358	79 12623064
RO-1	13 09156188	79 12684870
RO-2	13 0912205	79 12675223
RO-3	13 09158574	79 12679005

INDEX
Details of the Area Applied For Q.L.

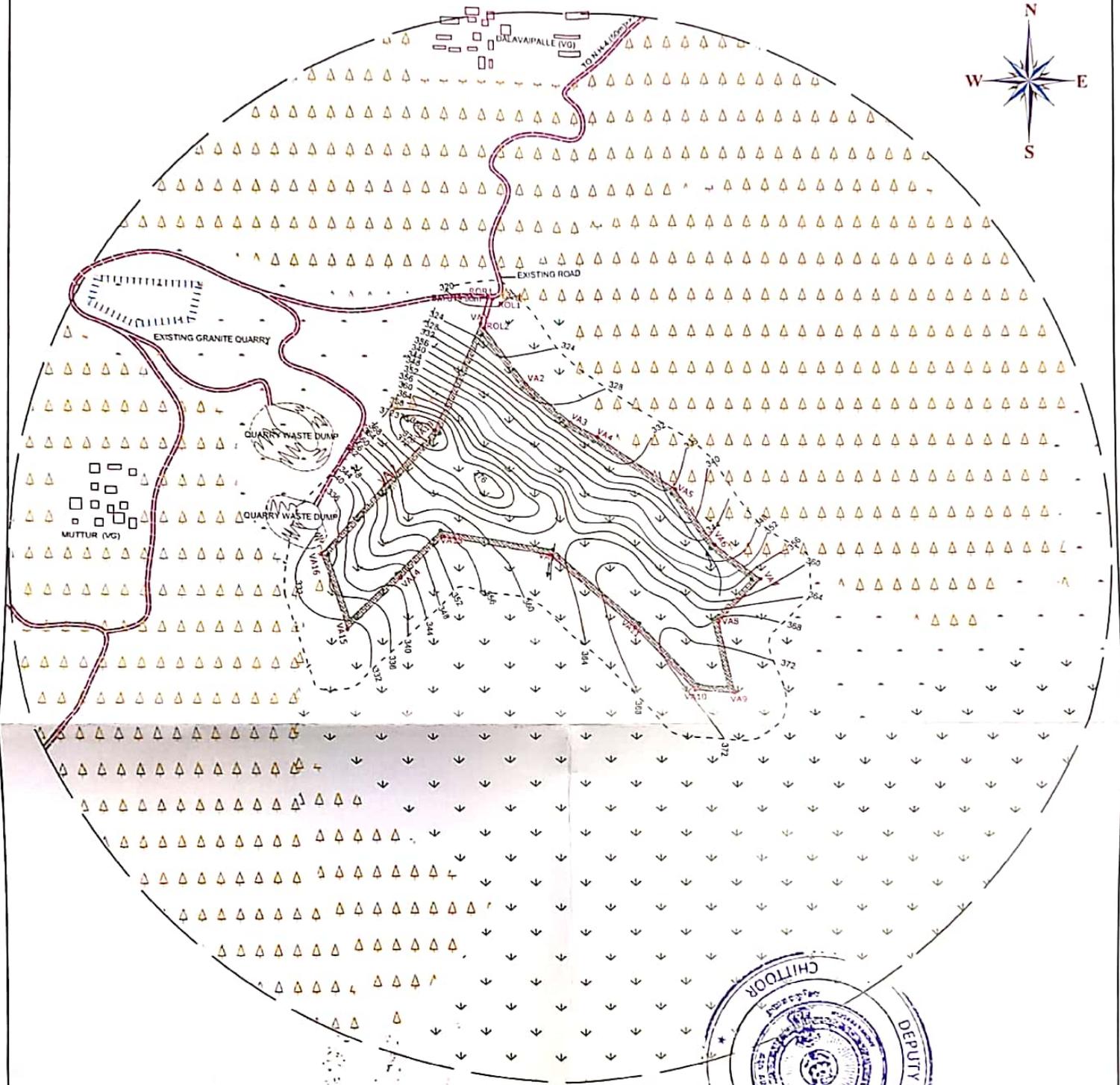
	Safety Zone Area=1.26 Ha
	Mining Area =8.60 Ha
	Approach Road =0.02 Ha
Total Area Applied =9.88 Ha	
	CONTOUR
	BENCH MARK
	SEASONAL NALA
	SOIL WITH SCREE
	BLACK GRANITE
	GRAY GRANITE
	WORKINGS FOR 1st 5 Yrs
	FINAL PIT POSITION
	DUMPING AREA
	PLANTATION
	Prop R WALL & G DRAIN

THE PLAN & SECTIONS ARE PREPARED AS PER DGPS SURVEYED SKETCH For M/S. SRI VASISTA MINING



[Signature]
Y. THAMMAIAH (R.Q.P.)

MINING PLAN FOR BLACK GRANITE
 TOTAL EXTENT OF 9.88 Ha. IN COMPARTMENT No 227 OF
 BASAVALLI AND IN COMPARTMENT No 223 OF CHITTAPARA RE
 CHITTOOR M.B. RANGE OF CHITTOOR DIVISION, A.P.
 APPLICANT: M/S. SRIVASISTA MINING
CONCEPTUAL PLAN & SECTION
 SCALE 1:2000 | CONTOUR INTERVAL 4m | PLATE 5



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

Name	N-Latitude	E-Longitude
VA-1	13.09127922	79.12671018
VA-2	13.09051754	79.12724322
VA-3	13.09015296	79.12778183
VA-4	13.08999258	79.12832149
VA-5	13.08973259	79.12886118
VA-6	13.08947260	79.12940081
VA-7	13.08921261	79.12994046
VA-8	13.08895262	79.13048011
VA-9	13.08869263	79.13101976
VA-10	13.08843264	79.13155941
VA-11	13.08817265	79.13209906
VA-12	13.08791266	79.13263871
VA-13	13.08765267	79.13317836
VA-14	13.08739268	79.13371801
VA-15	13.08713269	79.13425766
VA-16	13.08687270	79.13479731
VA-17	13.08661271	79.13533696
VA-18	13.08635272	79.13587661
VAZ-1	13.09114223	79.12728113
VAZ-2	13.09098224	79.12782078
VAZ-3	13.09082225	79.12836043
VAZ-4	13.09066226	79.12890008
VAZ-5	13.09050227	79.12943973
VAZ-6	13.09034228	79.12997938
VAZ-7	13.09018229	79.13051903
VAZ-8	13.09002230	79.13105868
VAZ-9	13.08986231	79.13159833
VAZ-10	13.08970232	79.13213798
VAZ-11	13.08954233	79.13267763
VAZ-12	13.08938234	79.13321728
VAZ-13	13.08922235	79.13375693
VAZ-14	13.08906236	79.13429658
VAZ-15	13.08890237	79.13483623
VAZ-16	13.08874238	79.13537588
VAZ-17	13.08858239	79.13591553
VAZ-18	13.08842240	79.13645518
RD L-1	13.09154168	79.12684574
RD L-2	13.09132263	79.12675223
RD R-1	13.09132263	79.12675223
RD R-2	13.09110358	79.12675223



THE PLAN & SECTIONS ARE PREPARED AS PER APPLIED Q.L. SKETCH
For MS. SRI VASISTA MINING

Y. Thimmaiah
Managing Partner
 SIGNATURE OF THE APPLICANT

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

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DETAILS OF THE APPLIED Q.L. AREA

	SAFETY ZONE AREA: 1.26 Ha
	MINING AREA: 8.60 Ha
	AREA FOR ROAD: 0.02 Ha
TOTAL AREA APPLIED FOR Q.L.: 9.88 Ha	
	BM 319.50m BENCH MARK
	CONTOURS

	EXISTING ROADS
	NALA
	R.F. AREA
	AGRICULTURE LANDS
	WASTE LAND
	60 m ZONE
	500 m ZONE

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.		
APPLICANT: M/s SRI VASISTA MINING		
ENVIRONMENT PLAN		
SCALE 1 : 5000	CONTOUR INTERVAL: 4 m	PLATE - 6