

GOVERNMENT OF ANDHRA PRADESH
ENVIRONMENT, FORESTS, SCIENCE AND TECHNOLOGY (Sec.II) DEPARTMENT

Letter No.607/Section.II/2022/1674811

Dated 26.03.2025

From
The Special Chief Secretary to Government,
EFS&T Department,
A.P. Secretariat, Velagapudi,
Amaravati-522503.

To
The Assistant Inspector General of Forests (Central)
GoI, MoEF&CC, Sub-office at Vijayawada of the Regional Office, Chennai, Green
House Complex,
Gopal Reddy Road, Vijayawada – 520010 (w.e.)

Sir,

Sub: Proposal for grant of 2nd renewal of quarry lease over an extent of 4.050 ha of forest land in Compartment No.594/P & 596/P of Muchukota RF, Peddapappur Mandal, Ananthapuramu District for extraction of Dolomite & Steatite in favour of M/s. Sri Sai Minerals (Proprietor Sri Peram Nagi Reddy) - Submitted under section -2 of Forest (Conservation) Act, 1980 – Submission of additional information - Reg.

Ref: 1)Govt.Memo.No.5624/ForI(1)/2005-2, EFS&T(FOR.I) Dept., dt.01.06.2005.
2)From GoI, MoEF, Bangalore, Lr.No.F(C)A/11.2/84/AP/MIN, dt.10.05.2002.
3)G.O.Ms.No.57, EFS&T(For.I) Dept., dt.29.05.2002.
4)From GoI, MoEF, Bangalore, Lr.No.4-APB881/2012-BAN/2918, dt.15.02.2013.
5)G.O.Ms.No.20, EFS&T(For.I) Dept., dt.01.03.2013.
6) From the PCCF&HoFF, A.P., Lr.Ref.No.EFS02-15029/16/2021-FCA SEC-PCCF/FCA-1, Dated: 11.03.2022.
7)State Govt.Lr.No.607/Sec.II/2022/1674811, EFS&T(Sec.II) Dept., dt.22.04.2022.
8)From the Inspector General of Forests (Central), GoI, MoEF&CC, IRO, Vijayawada, Green House Complex, Gopal Reddy Road, Vijayawada, Lr.F.No.4-APB169/2022-VIJ/377, dated 31.05.2022.
9)Govt.Memo.No.607/Sec.II/2022/1674811, dated 09.11.2022.
10)From the PCCF & HoFF, Lr.Rc.No.EFS02-15029/16/2021/FCA-1, dated 01.01.2025.

With reference to your letter 8th cited, it is informed that the State Government has not issued any orders for the extension of the validity of the forest clearance co-terminus with the mining lease period, as per the Ministry guidelines. Therefore, a copy of the approved mining plan is enclosed herewith for necessary action regarding the grant of 2nd renewal of the quarry lease over an extent of 4.050 ha of forest land in Compartment No.594/P & 596/P of Muchukota RF, Peddapappur Mandal, Ananthapuramu District for the extraction of Dolomite & Steatite in favour of M/s. Sri Sai Minerals (Proprietor:Sri Peram Nagi Reddy).

Yours faithfully,


for Special Chief Secretary to Government

Copy to:

The Principal Chief Conservator of Forests & Head of Forest Force,
Andhra Pradesh, Guntur.
M/s. Sri Sai Minerals (Proprietor:Sri Peram Nagi Reddy), Tadipatri.

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

From
G. Papa Rao, M.Sc.,
Dy. Director of Mines and Geology,
Ananthapuramu.

To
M/s. Sri Sai Minerals,
Prop; Sri Peram Nagi Reddy,
H.No.16/1282-2, Srinivasapuramu,
Tadipatri Mandal, Anantapuramu
District, A.P. - 515411.

Lr.No:1873/MP-TDP/2022 , Dt:14-10-2022

Sub:- Mines and Quarries - Approval of Mining Plan (including Progressive Mine closure plan) for Steatite and Dolomite over an extent of 4.05 Hects., in Compartment no 594/P & 596/P of Sy.No.574/P of Mutchukota R.F., Pedda Pappur (M), Anantapuramu District in favour of M/s. Sri Sai Minerals Prop; Sri Peram Nagi Reddy - Mining Plan - **Approved** - Regarding.

- Ref:-**1. Prodgs No.852/M2/2003, dt.12.09.2003 of the Asst. Director of Mines and Geology, Tadipatri.
2. Lr., Dated: 18.06.2022 from Sri Peram Nagi Reddy, Prop: of M/s. Sri Sai Minerals along with draft Mining Plan prepared by Sri M. Rama Subba Reddy, RQP and Challan.
3. This office Lr. No.1873/MP-TDP/2022, dt13.09.2022 addressed to the RQP Sri. M. Rama Subba Reddy.
4. Letter dated 03.10 .2022, along with five sets of fair copies of Mining Plan from the Sri Peram Nagi Reddy, Prop: of M/s. Sri Sai Minerals /RQP.
5. G.O.Ms.No: 56, Ind. & Comm. (M.II) Dept., dated: 30.04.2016.
6. Circular Memo No.3861432/P/2020, dt: 16.07.2021 of the Director of Mines and Geology, Ibrahimpatnam.
7. Prodgs. No: 28594/P.RQP/2001, dt: 13.05.2016 of the Director of Mines and Geology, Hyderabad.
8. 4702/P/2021, dt: 04.04.2021 of the Director of Mines and Geology, Ibrahimpatnam
9. 4702/P/2021, dt: 12.08.2021 of the Director of Mines and Geology, Ibrahimpatnam.

In the reference 1st cited, a Mining lease was executed in favour of M/s. Sri Sai Minerals Prop; Sri Peram Nagi Reddy, for Steatite & Dolomite over an extent of 4.05 Hects. in in Compartment no 594/P & 596/P of Sy.No.574/P of Mutchukota R.F., Pedda Pappur (M), Anantapuramu District for a period of 20 years.

In the reference 2nd Sri Peram Nagi Reddy, Prop. Of M/s. Sri Sai Minerals has submitted draft Mining Plan for approval. This office vide reference 3rd cited, requested the RQP to rectify the lapses/omissions in draft Mining Plan. Accordingly the Lessee vide reference 4th cited has submitted the 05 sets of fair Mining Plan after RQP rectified the lapses/omissions noticed in the Draft Mining Plan.

In exercise of the powers conferred by the Director of Mines and Geology, Andhra Pradesh, through the reference 5th and 9th cited, ***I hereby approve the Mining Plan (including Progressive Mine Closure Plan)*** for Dolomite and Steatite over an extent of 4.05 Hects. in Compartment no 594/P & 596/P of Sy.No.574/P of Mutchukota R.F., Pedda Pappur (M), Anantapuramu District in favour of M/s. Sri Sai Minerals Prop; Sri Peram Nagi Reddy subject to the following conditions:

-Cont. 2nd page-

1. This Mining Plan including Progressive Mine Closure Plan is approved without prejudice to any other laws applicable to the mine area from time to time whether made by the Central Government, State Government or any other authority or any order / direction from any court of competent jurisdiction.
2. This approval of the aforesaid Mining Plan including Progressive Mine Closure Plan does not in any way imply the approval of the Government in terms of any other provision of the Mines and Minerals (Development and Regulations) Act, 1957, or the Mineral Concession Rules, 1960 or the other Rules framed there under and any other laws including Forest (Conservation) Act, 1980, Forest Conservation Rules, 2003 and other relevant status, orders and guidelines as may be applicable to the lease area from time to time.
3. The Mining Plan is approved subject to strictly adhering to the APMMC Rules, 1966, Relevant Regulations and Rules of Metalliferrous Mines Regulations, 1961, provisions of the Mines Act, 1952, Explosive Rules 2008 and other Rules and Regulations made there under.
4. The lessee shall obtain prior permission from the Director General of Mines Safety whenever and wherever it is required.
5. Clearance / Consent / No objection from Ministry of Environment and Forest, Central Pollution Control Board, State Pollution Controlled Board as applicable in this case should be obtained and shall be renewed the clearances after expiry. A copy of the same should be submitted to this office within the stipulated period, failing which the approval shall be deemed to have withdrawn.
6. 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.
7. The approval of the Mining Plan (including Progressive Mine Closure Plan) shall be subjected to vacation of prohibitory orders / notices, if any issued by competent authority.
8. The Mining Plan is approved for proposals contained therein and as applicable for the mining activities to be carried out within the mining lease hold for 5 years or part period of five years block.
9. If anything is found to be concealed as required by the Mines Act in the contents of approved Mining Plan (including Progressive Mine Closure Plan) and the proposal for rectification has not been made or if at later stage the information furnished in the document is found to be incorrect or misrepresentation of facts, the approval shall be revoked with immediate effect.
10. This Mining Plan has approved as per the quarry lease executive sketch of the subject area. Any deviation found later, approval authority does not owe responsibility.
11. The quarry lease holder is directed to Achieve the Mineral production of the approved Mining Plan quantities for treating the lease as working as per the amended Rule 12 (5)(c)(i) of APMMC Rules, 1966, as detailed below:

Year	Minimum annual production (% of Approved Mining Plan).
Year 1	10%
Year 2	30%
Year 3	50%
Year 4 onwards	60%

12. 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 on new findings at a later date as per the provisions of (23 B & 23 D) of M.C.D.R., 1988.

NB: *This approval become null and void if it found grossly in-equitable, made under a mistake of fact or owing to mis- representation, fraud or in-excess of authority. This will not confer any lease hold rights till the date of execution.*

Yours faithfully,

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


**Deputy Director of Mines & Geology,
Ananthpuramu.**

Copy submitted to the Director of Mines & Geology, Ibrahimpatnam along with A.M.P. for favour of information.

✓ Copy to Sri M. Rama Subba Reddy, C/o B. Pompana Gouda, Kappagal Road, Sir M.V. Nagar, 6th Cross, Right Side, Bellary District, Karnataka for information.

Copy submitted to the Director of Mines Safety, Bellary for favour of information.

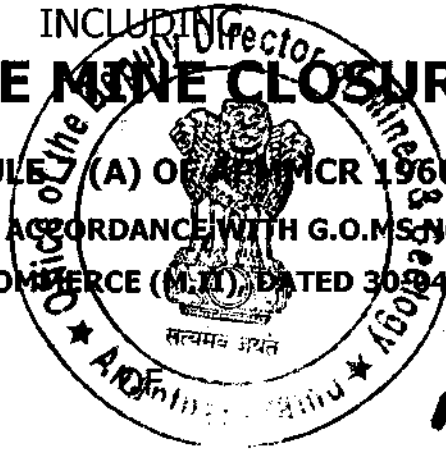
Copy submitted to the Regional Controller of Mines, IBM, Sultan Bazar, Hyderabad for information.

Copy to the Asst. Director of Mines & Geology, **Tadipatri** along with A.M.P with a request to obtain balance Bank Guarantee (Financial Assurance) from the applicant at the time of execution.

MINING PLAN

INCLUDING PROGRESSIVE MINE CLOSURE PLAN

UNDER RULE (A) OF AMMCR 1966
SUBMITTING IN ACCORDANCE WITH G.O.MS NO 56,
INDUSTRIES & COMMERCE (M.II), DATED 30.04.2016



APPROVED

MUTCHUKOTA STEATITE & DOLOMITE MINE

'B' CATEGORY SEMI MECHANISED UNDER GROUND METHOD OF MINING IN
(FOREST AREA) FOR STEATITE & DOLOMITE IN COMPARTMENT NO 594/P & 596/P
OF MUTCHUKOTA R.F., GOOTY RANGE, IN SY.NO. 574/P OF MUTCHUKOTA VILLAGE,
PEDDAPAPPUR MANDAL, ANANTHAPURAMU DISTRICT, ANDHRA PRADESH STATE

EXTENT 4.05 Hect

PERIOD OF PLAN 2023-2024 TO 2027-2028

OF

**M/S SRI.SAI MINERALS,
PROP : SRI.PERAM NAGI REDDY**

H.NO. 16/1282-2, SREENIVASAPURAM, TADIPATRI – 515 411,
ANANTHAPURAMU DISTRICT, ANDHRA PRADESH STATE.

JULY – 2022

By

SRI. M RAMA SUBBA REDDY

RQP/DMG/AP/06/2022

BALLARI, KARNATAKA

Ph : 9845825389, 9483384427

E MAIL : bpgouda00@gmail.com, smartssall@gmail.com

M/S SRI SAI MINERALS,
Prop : Sri. Peram Nagi Reddy
H.No. 16/1282-2, Srinivasapuramu,
Tadipatri – 515 411
Ananthapuramu
Mobile No : 9908515133



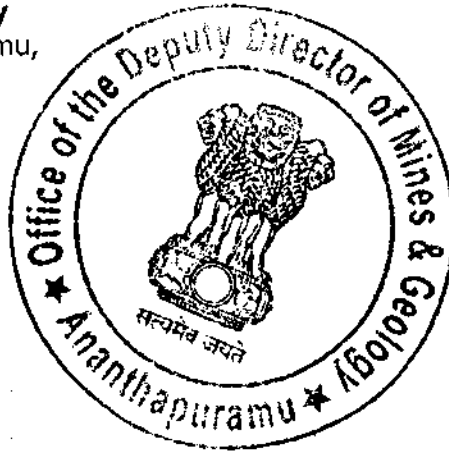
We hereby Certify that the Mining Plan including Progressive Mine Closure Plan is prepared under rule 7 (A) APMCR 1966 and submitting in accordance with G.O.Ms No 56, Industries & Commerce (M.II), dated 30-04-2016 of Mutchukota Steatite & Dolomite Mine of M/s Sri.Sai Minerals, Prop : Sri.Peram Nagi Reddy, Tadipatri in Compartment no 594/P & 596/P of Sy. No. 574/P of Mutchukota Village, Mutchukota R.F., Gooty Range, Pedda Pappur Mandal, Ananthapuramu District, Andhra Pradesh State over an extent of 4.05 Hect has been prepared full consideration with us and we have understood its contents. We agree to implement the same in accordance with the law.

For M/s Sri Sai Minerals,

Sri. Peram Nagi Reddy
Proprietor



M/S SRI SAI MINERALS,
Prop : Sri. Peram Nagi Reddy
H.No. 16/1282-2, Srinivasapuramu,
Tadipatri – 515 411
Ananthapuramu
Mobile No : 9908515133



CERTIFICATE

The provisions of Mines Act, Rules and Regulation made there under have been observed in the Mining Plan including Progressive Mine Closure Plan have been prepared for Mutchukota Steatite & Dolomite Mine of M/s Sri.Sai Minerals, Prop : Sri.Peram Nagi Reddy, Tadipatri in Compartment no 594/P & 596/P of Sy. No. 574/P of Mutchukota Village, Mutchukota R.F., Gooty Range, Pedda Pappur Mandal, Ananthapuramu District, Andhra Pradesh State over an extent of 4.05 Hect and where specific permissions are required. The applicant will approach the D.G.M.S. Further standards prescribed by DGMS in respect of miner's health will be strictly implemented.

For M/s Sri Sai Minerals,

Sri. Peram Nagi Reddy
Proprietor



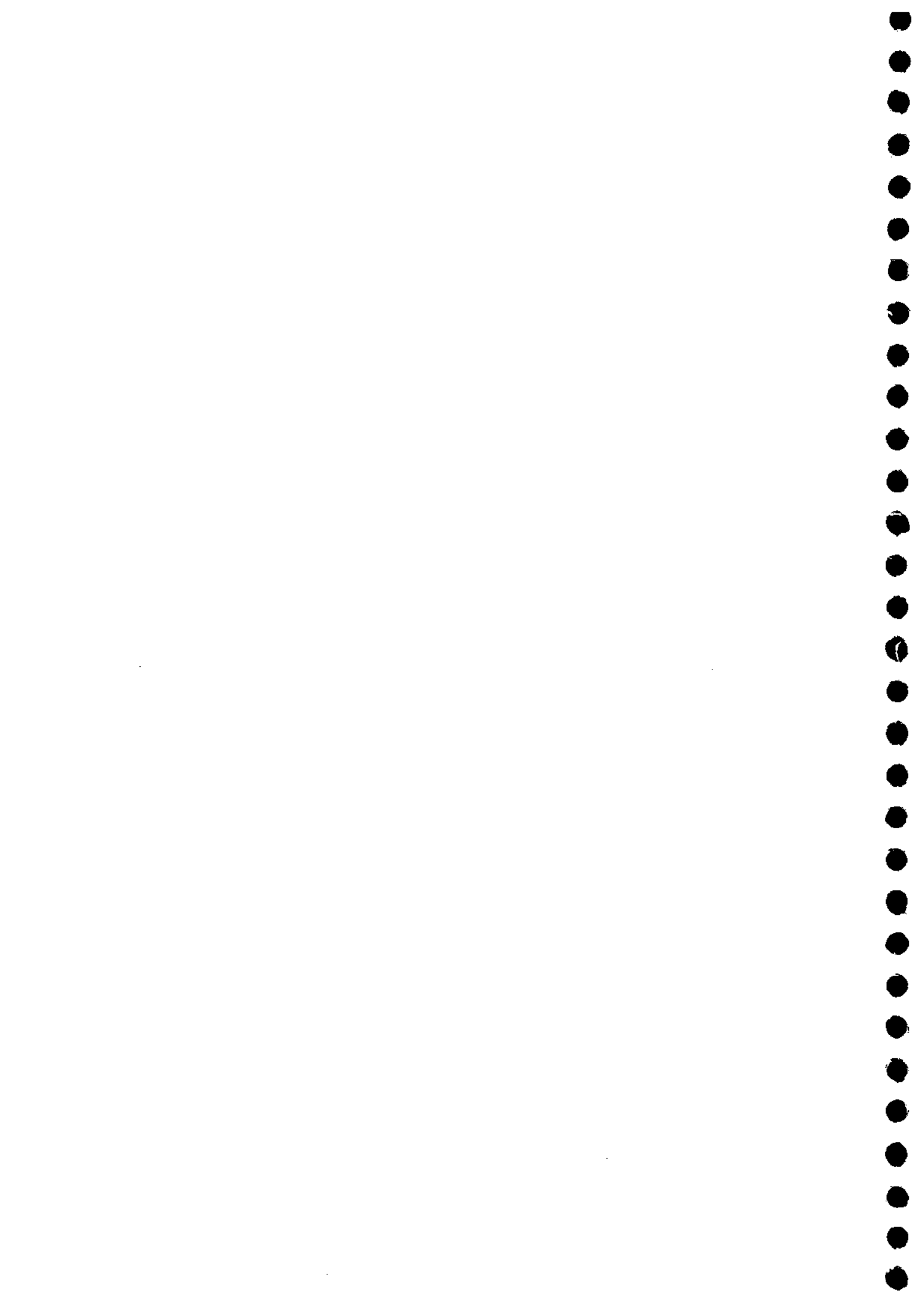
M/S SRI SAI MINERALS,
Prop : Sri. Peram Nagi Reddy
H.No. 16/1282-2, Srinivasapuramu,
Tadipatri – 515 411
Ananthapuramu
Mobile No : 9908515133



We here by certify that the Progressive Mine Closure Plan under rule 7 (A) APMMR 1966 and submitting in accordance with G.O.Ms No 56, Industries & Commerce (M.II), dated 30-04-2016 Mining Plan including Progressive Mine Closure Plan have been prepared for Mutchukota Steatite & Dolomite Mine of M/s Sri.Sai Minerals, Prop : Sri.Peram Nagi Reddy, Tadipatri in Compartment no 594/P & 596/P of Sy. No. 574/P of Mutchukota Village, Mutchukota R.F., Gooty Range, Pedda Pappur Mandal, Ananthapuramu District, Andhra Pradesh State over an extent of 4.05 Hect for which the above mentioned actions have been taken in the Progressive Mine closure Plan. We have understood its content and agreed to implement proposal made in Progressive Mine Closure Plan and all the statutory Rules, Regulations, orders made by the central or State Government, Statutory Organizations etc. have been taken into considerations and wherever any specific permission is required we shall approach the concerned authorities, all the measures proposed in the Mining Plan including Progressive Mine Closure Plan will be implemented in a time bound manner as proposed. The undertaking is also here with enclosed for the above purposes.

For M/s Sri Sai Minerals,

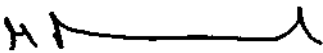

Sri. Peram Nagi Reddy
Proprietor



M.RAMA SUBBA REDDY
Geologist



This is to certify that all the provisions of Andhra Pradesh Minor Mineral Rules 1966 and submitting in accordance with G.O.Ms No 56, Industries & Commerce (M.II), dated 30-04-2016 have been observed in the Mining Plan including Progressive Mine Closure Plan have been prepared for Mutchukota Steatite & Dolomite Mine of M/s Sri.Sai Minerals, Prop : Sri.Peram Nagi Reddy, Tadipatri in Compartment no 594/P & 596/P of Sy. No. 574/P of Mutchukota Village, Mutchukota R.F., Gooty Range, Pedda Pappur Mandal, Ananthapuramu District, Andhra Pradesh State over an extent of 4.05 Hect and whenever specific permissions are required the lessee will approach the authorities of Deputy Director of Mines & Geology, Ananthapuramu for granting the permissions.


M.RAMA SUBBA REDDY
RQP/DMG/AP/06/2022




M.RAMA SUBBA REDDY
Geologist



This is to certify that all the provisions of Mines Act, Rules and Regulations made there under have been observed in the Mining Plan including Progressive Mine Closure Plan have been prepared for Mutchukota Steatite & Dolomite Mine of M/s Sri.Sai Minerals, Prop : Sri.Peram Nagi Reddy, Tadipatri in Compartment no 594/P & 596/P of Sy. No. 574/P of Mutchukota Village, Mutchukota R.F., Gooty Range, Pedda Pappur Mandal, Ananthapuramu District, Andhra Pradesh State over an extent of 4.05 Hect and whenever specific permissions are required, the lessee will approach the Director General of Mines Safety, Dhanbad.

The information furnished in this Mining Plan including Progressive Mine Closure Plan is correct and true to the best of our knowledge.


M.RAMA SUBBA REDDY
RQP/DMG/AP/06/2022

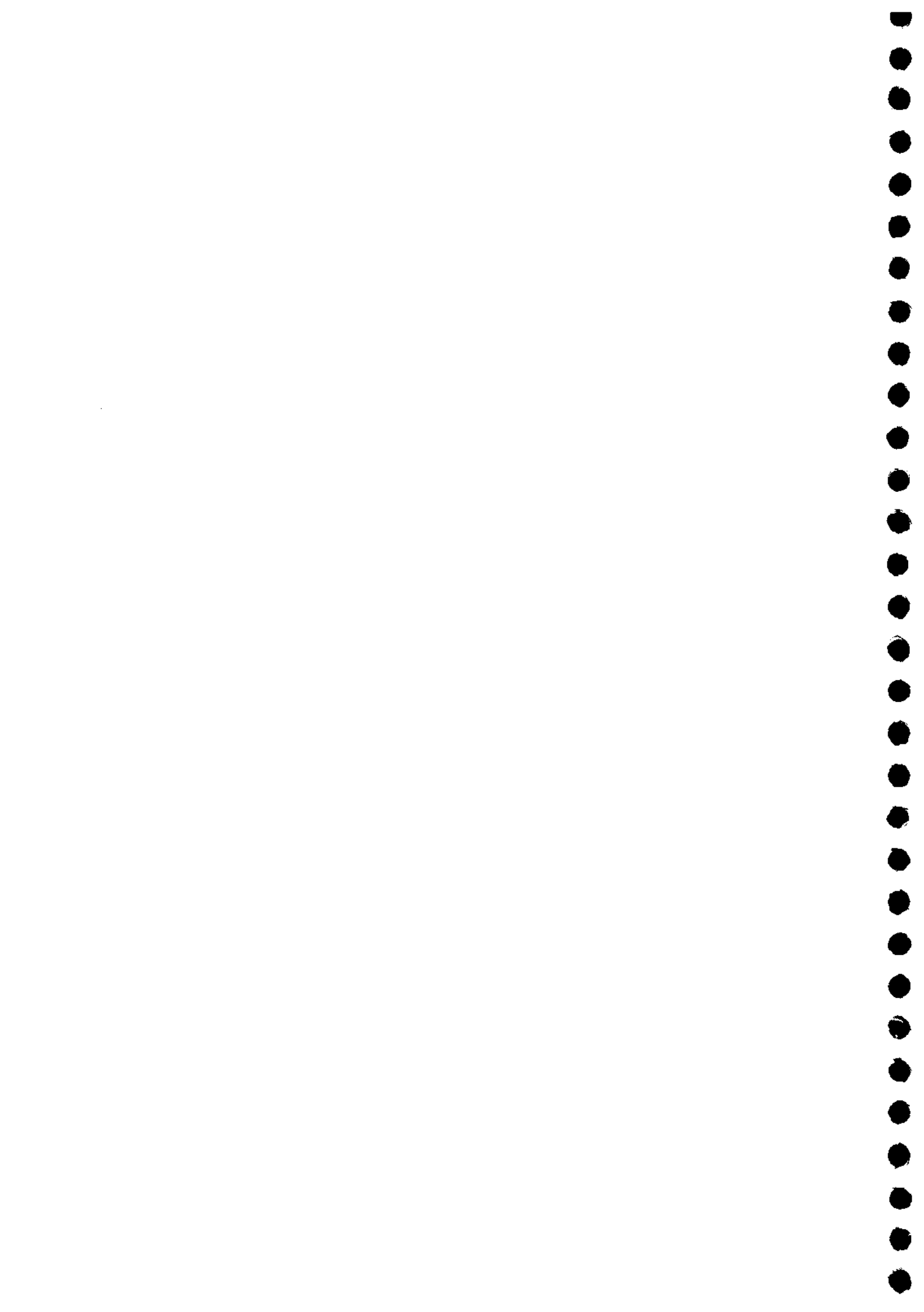
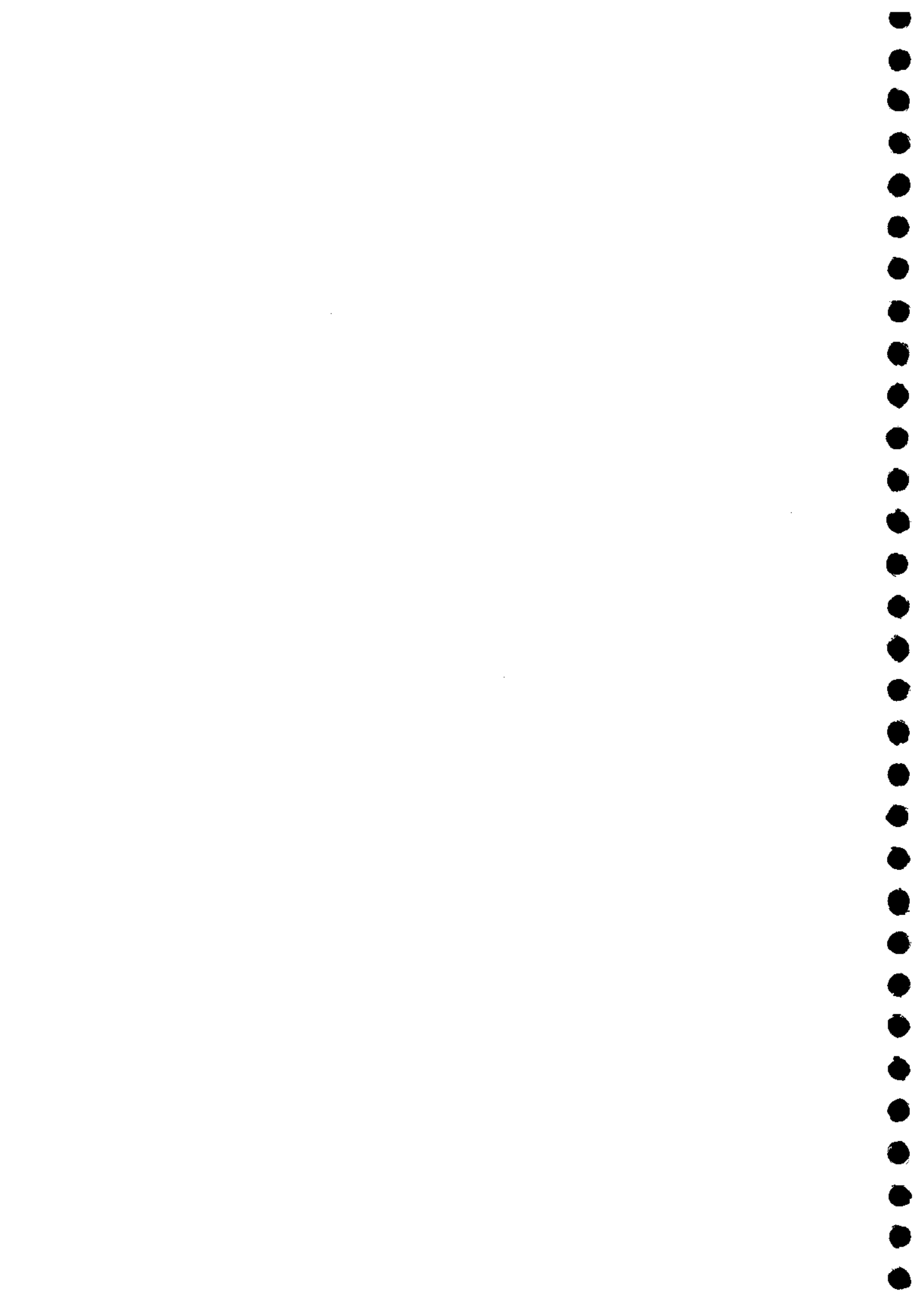


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IX	ANALYSIS REPORT
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FORM -T

(SEE RULE-7 (A))

MINING PLAN INCLUDING PROGRESSIVE MINE CLOSURE PLAN OF MUTCHUKOTA
STEATITE & DOLOMITE MINE OF M/S SRI.SAI MINERALS, PROP : SRI.PERAM NAGI
REDDY, TADIPATRI FOR STEATITE & DOLOMITE IN SY. NO. 574/P OF
MUTCHUKOTA VILLAGE, PEDDA PAPPUR MANDAL, ANANTHAPURAMU DISTRICT,
COMPARTMENT NO 594/P & 596/P MUTCHUKOTA R.F., GOOTY RANGE,
ANDHRA PRADESH STATE OVER AN EXTENT OF 4.05 HECT.

1.0 INTRODUCTION :

M/s Sri.Sai Minerals, Prop : Sri.Peram Nagi Reddy, Tadipatri possess a mining lease for Steatite & Dolomite in Sy. No. 574/P of Mutchukota Village, Pedda Pappur Mandal, Ananthapuramu District, Andhra Pradesh State over an extent of 4.05 Hect and this entire area falls in Compartment no 594/P & 596/P of Mutchukota R.F., Gooty Range, Ananthapuramu Division.

The mining lease is mainly mined for the production of the steatite & Dolomite. The lease was executed vide proceeding No. 852/M2/2003 dated 12-09-2003 copy of the same is enclosed as **Annexure-I**. The mine was executed on 12-09-2003 and valid for 20 years, Lease will expire on 11-09-2023 copy of the lease deed is enclosed as **Annexure-II**. The date of commencement of the mining operation is 13.09.2003.

Before expire of the lease, the lessee as applied for Renewal of Mining lease in Form-Q on 28-06-2020 the same Application is enclosed vide **Annexure-III**.

The subject area is forest area the forest department, accorded permission for renewal of Forest clearance from Environment, Forest, Science & Technology (For.I) Department G.O.Ms No. 20 dated 01-03-2013 and Proceedings from District Forest Officer, Ananthapuramu vide RC No 3092/2011/TO dated 04-04-2012 copies are enclosed vide **Annexure-IV**.

The first mining plan was approved by DMG for open cast mine, Letter No. 24930/MPI/2033, dated 14-08-2003.

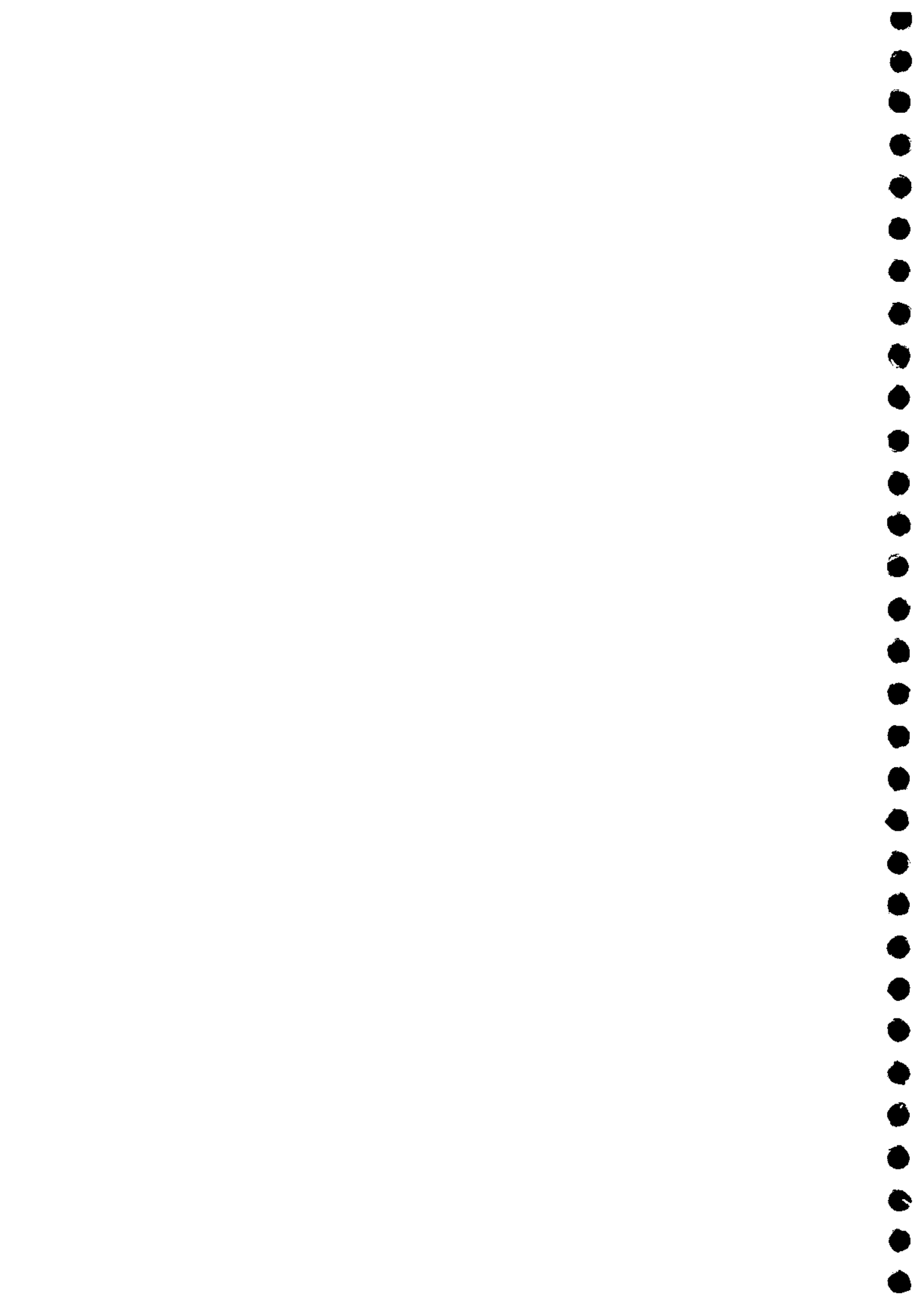
Later the mine was converted into underground mine and the modified mining plan was approved by IBM Letter No. AP/ANP/MP/ST-30/HYD, dated 03-04-2007. The Mining plan period of five years is expired on 31st March 2008.

The Mining Plan is Approved
Subject to the conditions /
Stipulations Indicated in The
Mining Plan Approval Letter
No.1873/MP-TDP/2022

Dated. 14/10/22

APPROVED

G. Papa Rao
Deputy Director of Mines and Geology
Ananthapuramu



1st Scheme of Mining for the period 2012-13 was approved vide letter No. AP/ANP/MP/St-30/Hyd dated 13-08-2012.

2nd Scheme of Mining for the period 2013-14 to 2017-18 was approved vide letter No. AP/ANP/MP/MS/St-30/Hyd dated 21-01-2014.

3rd Scheme of Mining for the period 2018-2019 to 2022-2023 was approved vide Letter no 1206/MS-TDP/2019 dated 27-06-2019 approval letter are enclosed vide **Annexure-V**. Now Mining Plan is prepared Under Rule 7 (A) of APMCR 1966 As per G.O. M.S. No. 56, Industries & Commerce (Mines-II) 30th April 2016 for next 5 years i.e. 2023-2024 to 2027-2028.

As it is forest area the while processing the Renewal proposal in Forest department initial, they will ask Approved Mining Plan to further recommendations. So before one year in advance Mining Plan is submitted for approval.

Accordingly, we are here with submitting the Mining plan Under Rule 7 (A) of APMCR 1966 As per G.O. M.S. No. 56, Industries & Commerce (Mines-II) 30th April 2016. Through the Circular Memo No 3861432/P/2020 dated 16/07/2021, issued by Government of Andhra Pradesh Department of Mines & Geology Ibrahimpatnam, Instructions has already been issued to all the ADM&G and DDM&Gs to submit the proposal on applications with regard to Forest area along with AMP as per procedure intimated by the Pri.Chief Conservator of Forest, Guntur,

A detailed Mining Plan is submitted on the basis of the Circular Memo No 3861432/P/2020 dated 16/07/2021, issued by Government of Andhra Pradesh Department of Mines & Geology Ibrahimpatnam,

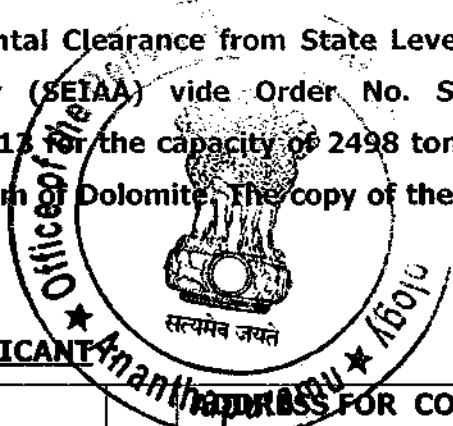
In this connection it is to inform that, as per the existing provisions laid down under APMCR Rules 1966 the AMP shall allowed only after issue of Notice (LOI) to the applicant, But as per the present instructions received from the PCCF vide reference 5th cited, in the cases, where the M.C. Applications fall in forest area, the proposal shall submit along with AMP duly following the instructions issued in the reference 3rd & 4th cited.

Therefore, the ADM&G and DDM&G in the state are directed while processing mineral concession applications falling in the forest area, proposals shall submit to the DM&G along with the AMP. Circular copies is enclosed vide **Annexure-VI**

The DDM&G in the state are directed to consider the AMP for approval of the forest area applications in advance without issuing of Notice to the applicants requesting to submit AMP, EC & CFE.



The lessee has got Environmental Clearance from State Level Environment Impact Assessment Authority (SEIAA) vide Order No. SEIAA/AP/ATP-58/2013/4499 dated 23-10-2013 for the capacity of 2498 tonnes/annum of Steatite and 1031 tonnes/annum of Dolomite. The copy of the EC and CFO is enclosed vide Annexure-VII.



I. GENERAL :

1. NAME & ADDRESS OF THE APPLICANT

PERMANENT ADDRESS	ADDRESS FOR CORRESPONDENCE
M/S SRI SAI MINERALS, Prop : Sri. Peram Nagi Reddy H.No. 16/1282-2, Srinivasapuramu, Tadipatri – 515 411 Ananthapuramu Mobile No : 9908515133 Email ID : srisaiminerals.tdp@gmail.com	M/S SRI SAI MINERALS, Prop : Sri. Peram Nagi Reddy H.No. 16/1282-2, Srinivasapuramu, Tadipatri – 515 411 Ananthapuramu Mobile No : 9908515133 Email ID : srisaiminerals.tdp@gmail.com

2. STATUS OF APPLICANT / LESSEE :

Individual	:	-
Private Company	:	-
Firm	:	Proprietor ship Firm

The lessee is a Proprietor ship Firm involved in Mining & trading.

3. MINERAL (S) WHICH ARE INCLUDED IN THE LETTER OF INTENT :

Steatite & Dolomite.

4. NAME, & DETAILS OF PERSON EMPLOYED FOR PREPARING MINING PLAN :

Name	:	SRI. M. RAMA SUBBA REDDY,
Address	:	C/o. B. POMPANA GOUDA Kappagal Road, Sir M.V.Nagar, 6th Cross, Right Side, Bellary District, KARNATAKA, INDIA
Telephone	:	09845825389, 9483384427, 9000500968
E. Mail	:	bpgouda00@gmail.com
Reg. No	:	RQP/DMG/AP/06/2022
Date of Grant/Renewal	:	09-05-2022 TO 08-05-2032 FOR 10 YEARS

RQP and Experience Certificate is enclosed vide **Annexure – VIII.**



II. LOCATION AND ACCESSIBILITY :

1. LEASE DETAILS (EXISTING MINE)

State	Andhra Pradesh
District	Ananthapuramu
Mandal	Peddapuram
Village	Mutchukota
Sy. No	594/P
Extent of Lease Area	: 4.05 Hectares
Owner ship	: Mutchukota R.F. (Forest Area)
Compartment no	: 594/P & 596/P
Topo sheet No	: 57 F/13
Pin code	: 515445

DGPS READINGS OF QL AREA BOUNDARY POINTS		
POINTS	LATITUDE	LONGITUDE
1	N 14° 50' 45.83054"	E 77° 49' 54.27314"
2	N 14° 50' 47.75020"	E 77° 49' 55.47323"
3	N 14° 50' 46.41631"	E 77° 49' 58.09404"
4	N 14° 50' 41.46497"	E 77° 50' 00.07845"
5	N 14° 50' 36.85587"	E 77° 50' 00.33706"
6	N 14° 50' 36.27750"	E 77° 50' 00.53308"
7	N 14° 50' 36.04402"	E 77° 49' 57.36329"
8	N 14° 50' 38.57660"	E 77° 49' 57.16893"
9	N 14° 50' 43.01940"	E 77° 49' 54.28277"
10	N 14° 50' 44.73936"	E 77° 49' 54.26493"
MAP DATUM - WGS 84		

DGPS READINGS OF QL BOUNDARY CORNER POINTS					
SL.NO.	NAME	NORTHING	EASTING	LATITUDE	LONGITUDE
1	S1	1643230.813	804758.659	14.84606337	77.83174223
2	S2	1643290.383	804793.879	14.84659727	77.83207621
3	S3	1643250.399	804872.804	14.84622717	77.83280423
4	S4	1643191.979	804896.464	14.84569692	77.83301700
5	S5	1643139.905	804917.436	14.84522428	77.83320556
6	S6	1643098.762	804934.122	14.84485083	77.83335563
7	S7	1643034.122	804938.457	14.84426662	77.83338826
8	S8	1642957.085	804943.665	14.84357036	77.83342754
9	S9	1642939.300	804949.706	14.84340907	77.83348153
10	S10	1642929.583	804855.604	14.84333209	77.83260679
11	S11	1643007.354	804848.774	14.84403517	77.83255253
12	S12	1643054.764	804819.589	14.84446663	77.83228717
13	S13	1643105.892	804785.104	14.84493228	77.83197304
14	S14	1643144.384	804760.057	14.84528274	77.83174505
15	S15	1643197.316	804758.844	14.84576086	77.83174001



DGPS READINGS OF SAFETY ZONE AREA CORNER POINTS					
1	M1	1643228.842	804766.179	14.84604472	77.83181182
2	M2	1643280.443	804796.671	14.84507209	77.83210041
3	M3	1643244.671	804866.970	14.84617611	77.83274939
4	M4	1643188.275	804889.731	14.84566424	77.83295406
5	M5	1643136.383	804910.786	14.84519278	77.83314341
6	M6	1643097.035	804926.751	14.84483608	77.83328703
7	M7	1643033.692	804931.014	14.84426350	77.83331911
8	M8	1642956.671	804936.187	14.84356748	77.83335808
9	M9	1642946.298	804939.407	14.84347344	77.83338674
10	M10	1642939.681	804862.172	14.84342253	77.83266895
11	M11	1643010.687	804855.684	14.84406447	77.83261708
12	M12	1643058.473	804826.214	14.84449936	77.83234911
13	M13	1643109.966	804791.419	14.84496835	77.83203214
14	M14	1643146.895	804767.513	14.84530456	77.83181456
15	M15	1643197.363	804766.303	14.84576044	77.83180927
NOTE : MAP DATUM WGS 84					

2. **ATTACH A GENERAL LOCATION MAP SHOWING AREA AND ACCESS ROUTES :**

Location cum Key Plan is enclosed vide Plate No 1.

Lease area map is enclosed vide Plate No 2.

3. **ACCESSIBILITY :**

ROAD AND RAIL WAY NETWORK : The QL area has good accessibility from Tadipatri, which is situated on the district road between Ananthapuramu–Tadipatri. From Tadipatri to the lease area is about 22km and 35km from Ananthapuramu. The nearest Railway station Tadipatri is at a distance of 22km from the lease area. Majority of workers and staff will come from Mutchukota village. Pedda Pappur is the Mandal head quarter which is about 10 km from the lease area and having facilities like high school, health center, postal, telegraph & Bank facilities. For college education students have to go to Ananthapuramu or Tadipatri. The regular APSRTC bus services from Tadipatri to Ananthapuramu via Mutchukota village. Power is available at Mutchukota village and there are no water sources excepting bore wells outside the lease area. Through water tankers, the supply of water will be made to mine.

The following are the within 10 Kms. of the quarry:

Nearest village	Julakalva – 3.25 Kms [SW]
Road	The QL area has good accessibility from Tadipatri, which is situated on the district road between Ananthapuramu–Tadipatri. From Tadipatri to the lease area is about 22km and 35km from Ananthapuramu. The nearest Railway station Tadipatri is at a distance of 22km from the lease area
Railway Line/Railway station	The nearest Railway station Tadipatri is at a distance of 22km from the lease area
Port facility	Krishnapatnam port 300 Km, Nil [within 10 km]



Airport	Kempegowda International airport is 250 km due South from the mine lease area		
Defence Installations	Nil within 10 km		
Reserved forest	Machukota R.		
Water body	Peenar River Storage near Chagallu	10.00 km[W]	
	Mid Penner South Canal	7.00 km [W]	
National Park/ Wild life sanctuary / Biosphere reserve / Tiger Reserve / Elephant Corridor	Nil within 10 km		
Interstate border	Interstate boundary between Karnataka & Andhra State boundary and distance of 75 km from Mine area		
National Highway	2.5 km NH 544 D. Bangalore – Kadapa		
District Head Quarters	Ananthapuramu-30 km [SW]		
Nearest Town	Tadipatri-22 km [NE]		

III. DETAILS OF APPROVED MINING PLAN/SCHEME OF MINING (IF ANY) :

DATE AND REFERENCE OF EARLIER APPROVED MINING PLAN /SCHEME OF

MINING : The first mining plan was approved by DMG for open cast mine, Letter No. 24930/MPI/2033, dated 14-08-2003.

Later the mine was converted into underground mine and the modified mining plan was approved by IBM Letter No. AP/ANP/MP/ST-30/HYD, dated 03-04-2007. The Mining plan period of five years is expired on 31st March 2008.

1st Scheme of Mining for the period 2012-13 was approved vide letter No. AP/ANP/MP/St-30/Hyd dated 13-08-2012.

2nd Scheme of Mining for the period 2013-14 to 2017-18 was approved vide letter No. AP/ANP/MP/MS/St-30/Hyd dated 21-01-2014.

3rd Scheme of Mining for the period 2018-2019 to 2022-2023 was approved vide Letter no 1206/ MS-TDP/2019 dated 27-06-2019 approval letters are enclosed vide **Annexure-V.**

Now Mining Plan is prepared Under Rule 7 (A) of APMR 1966 As per G.O. M.S. No. 56, Industries & Commerce (Mines-II) 30th April 2016 for next 5 years i.e. 2023-2024 to 2027-2028.

REVIEW OF MINING PLAN :

CATEGORY WISE RESERVES ESTIMATED IN THE APPROVED MINING PLAN/SCHEME :

Mineral	Dolomite in tonnes	Steatite in tonnes	Low Grade Steatite (Filler Grade) in tonnes	UNFC CODE
Geological Reserves estimated in last Approved Mining Scheme	1023843	8190740	511922	111
Production Achieved During the Last Mining Period from 2018-2019 to 2022-2023	150	6200	300	
Balance Reserves	1023693	8184540	511622	



**GIVE REVIEW OF EARLIER APPROVED PROPOSAL (IF ANY) IN RESPECT OF
EXPLORATION, EXCAVATION, RECLAMATION ETC :**

EXPLORATION :

YEAR	PROPOSED	ACHIEVED	REMARKS
2019-2020	2	2	Nil
2020-2021	2	1	Nil
2021-2022	2	1	Nil
2022-2023	2	1	Nil
Total	8	6	

EXCAVATION :

	Proposal Made in Mining Scheme				Actual Work Done			
Explorati on	Year		Number of Bore holes		Year		Number of Bore holes	
	2018-2019		Nil		2018-2019		Nil	
	2019-2020		2		2019-2020		2	
	2020-2021		2		2020-2021		1	
	2021-2022		2		2021-2022		2	
	2022-2023		2		2022-2023		1	
	Total		8		Total		6	
Develop ment	Proposed Development in Tonnes				Achieved Development in Tonnes			
	Year		Development		Year		Development	
	2018-2019		Nil		2018-2019		Nil	
	2019-2020		254		2019-2020		100	
	2020-2021		223		2020-2021		180	
	2021-2022		234		2021-2022		80	
	2022-2023		253		2022-2023		40	
	Total		964		Total		400	
Productio n	Proposal Made in Mining Scheme				Actual Work Done			
	Proposed Production in Tonnes				Achieved Production in Tonnes			
	Year	Production			Year	Production		
		Dolomite	Steatite	Low Grade Steatite		Dolomite	Steatite	Low Grade Steatite
	2018-2019	Nil	Nil	Nil	2018-2019	-	-	-
	2019-2020	636	5088	319	2019-2020	-	2100	-
	2020-2021	557	4456	279	2020-2021	-	2500	-
	2021-2022	584	4672	292	2021-2022	-	1450	300
	2022-2023	633	5060	316	2022-2023	150	150	-
	Total	2410	19276	1205	Total	150	6200	300
Plantatio n	Proposed Plantation				Achieved Plantation			
	Year		Plantation		Year		Plantation	
	2018-2019		Nil		2018-2019		Nil	
	2019-2020		200		2019-2020		80	
	2020-2021		200		2020-2021		90	
	2021-2022		200		2021-2022		85	
	2022-2023		200		2022-2023		90	
	Total		800		Total		345	





AIR QUALITY :

The mining activities are confined to underground and the surface activity is labor-intensive sorting and processing of ROM without use of any chemical. These activities will not cause any change in air quality. The dusts generated by vehicle movement will be suppressed with water spraying.

NOISE LEVEL :

Mainly the source of noise is from running of machineries. Drilling, blasting etc. Ear muffs are provided to the drilling crew as a safety measure from noise pollution. Noise levels are controlled by adopting effective drilling practices and blasting techniques.

Noise levels are expected to be minimal so as the mining operations will have minimum effect on noise pollution. The noise is confined to underground only and no impact on surface noise level.

VIBRATION LEVELS (DUE TO BLASTING) :

Operation involved are Drilling, Blasting, Loading and Transportation. Vibration levels are high in case of blasting operations. Novel detonators are used for initiation which reduces the impact of vibration. Drilling techniques like optimum spacing and burden play an important role to control vibration. Arranging the proper delay setting while blasting will also reduce the vibrations to certain extent. Control blasting techniques are also adopted to control vibration levels.

WATER QUALITY :

Since there is no beneficiation proposed in the lease area, no effect on the environment is apprehended due to the discharges arrived from the process. Some impact on the environment is expected to happen due to mining activity.

Main source of impact is the erosion of the waste dump during monsoon. Rain water washes off the dumps during heavy rains. Rain water gets polluted with the waste dumps. This water carries suspended waste along the downstream and pollutes the water tanks. Corrective measures are proposed to prevent the waste mixing with the rain water and ensure that the clear water goes out beyond the lease area.

WASTE MANAGEMENT :

Waste dump, stabilization & afforestation, Toe wall & garland construction are proposed.

- (iii) **REVIEW OF THE COMPLIANCE POSITION OF CONDITIONS & STIPULATIONS IMPOSED, IF ANY, WHILE APPROVING THE MINING PLAN. IN CASE OF NON-COMPLIANCE / PARTIAL COMPLIANCE, DETAILED JUSTIFICATIONS / REASONS THEREOF MAY BE FURNISHED ALONG WITH PROPOSAL FOR COMPLIANCE IN THE ENSUING PERIOD :**

None.



- (iv) REVIEW OF COMPLIANCE OF VIOLATIONS POINTED OUT AFTER INSPECTIONS MADE UNDER RULES DURING LAST 5 YEARS. THE POSITION EMERGING OUT OF THE YEARLY REVIEW OF THE MINING PLAN WHILE CHECKING UP IMPLEMENTATION OF THE MINING PLANS IN THE FIELD SHALL ALSO BE TAKEN NOTE OF AT THIS STAGE.

None.

- (v) ANY OTHER POINTS REQUIRING ATTENTION IN THE INTEREST OF PROPER MINE DESIGN, DEVELOPMENT & CONSERVATION AND ENVIRONMENT & ECOLOGY OF THE AREA :

None.



PART-A

1. **GENERAL DETAILS OF THE APPLIED AREA/MINING LEASE :**
a) **BRIEF DESCRIPTION OF TOPOGRAPHY, DRAINAGE PATTERN, VEGETATION, CLIMATE, RAINFALL DATA OF THE APPLIED AREA/MINING LEASE AREA :**

TOPOGRAPHY :

The topography of the QL area is small hillock, having gentle rising slope towards North, North West and North East. The highest and lowest elevation in the QL area is 370m & 338m respectively from the assumed benchmark of 368 m the assumed benchmark is shown in Plate No.3. The Surface & Geological plan & Geological Cross Sections have been prepared on Scale of 1:1000 R.F. & enclosed vide Plate No.3 & 5.

DRAINAGE PATTERN :

The rainwater passes along the gentle slope & into the existing drainage nallah leading towards north east direction. The rain water drains into a shallow and narrow first order stream at northeastern part of lease area, & it joins main drainage.

VEGETATION :

As the QL area is Forest area and the method of mining was underground method so there is no damage to the vegetation. The natural vegetation is scanty. The QL area surrounded has Forest lands.

CLIMATE :

According to Mandal revenue office, the maximum temperature 45°C during summer & 18°C during winter months. Humidity is about 70% in the rainy season.

RAINFALL DATA :

Highest rain fall	500 mm/annum
Lowest rain fall	400 mm/annum

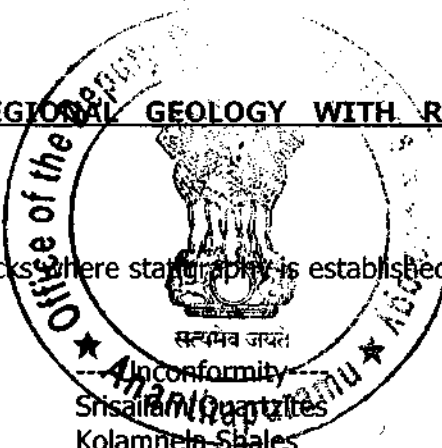


2. **GEOLOGY AND EXPLORATION :**

(a) **BREIF DESCRIPTIONS OF REGIONAL GEOLOGY WITH REFERENCE TO LOCATION OF LEASE AREA :**

REGIONAL GEOLOGY :

The region has Kadapa system of rocks where stratigraphy is established by working of as given below :



Upper Kadapa	Krishna series	Unconformity--- Srisaifan Quartzites Kolambele Shales Iron Shales ----Unconformity----
	Nallamalai series	Cubum shales Bairen Konda quartzites --- Unconformity---
	Cheyair series	Tadapatri shales Pulivendla quartzites ----Unconformity---
Lower Kadapa	Papaghani series	Vempalle dolomitic limestones Gulchere quartzites ----Unconformity----- Archaean gneisses & schist's

(b) **DETAILED DESCRIPTION OF GEOLOGY OF LEASE AREA. :**

LOCAL GEOLOGY : Generally, the area is part of Kadapa basin and is a sedimentary formation. The rock types generally noticed in the area are Dolomite & Quartzite's in succession. The QL area is completely covered with Dolomitic limestone & Dolomite with Steatite mineralization. It is believed that Steatite mineralization is occurred due to metamorphic activity in dolomitic limestone's. In general, the chemical composition of dolomitic limestone is double carbonates of Calcium & Magnesium. When dolomitic limestone subjected to metamorphism and reacted at suitable conditions with water, the dolomitic limestone altered into hydrous magnesium silicate which is precisely Steatite, Calcium & magnesium Carbonate which is Dolomite & Aluminum silicates which are Steatite. Steatite is off light green in color generally & somewhere light white color patches are also seen. Detailed study has been conducted in the working pits and noticed the following rock types.

Surface soil
Dolomite
Dolomitic lime stone
Steatite

The existence of Dolomitic lime stone, Dolomite & the steatite vein is observed.

In the lease area the Dolomite & steatite is occurring almost as alternative bands and surface area is most of dolomitic limestone & Dolomite patches with steatite bands.



The rock formations are strata bedded deposit. The total strike length of the steatite mineralized zone is about 140 m length in East-West direction with an average thickness of 1m. The dip of steatite is ranging from 15° to 18°. The open cast workings were converted into underground workings in the form of adit, incline, interconnections and levels and these workings were shown in Plate No. 3, 4 & 5. The underground workings revealing that steatite having an average thickness of 1m proved 100m incline length towards southern side and 80m towards North - Western side of the lease area. Around the QL area, there are mining lease areas with underground method of working & steatite in these mines is proved with 150m inclined length. In the steatite mineralized area the Dolomite with alternate beds of steatite are exposed. Steatite minerals typically form over long periods of time as a result of the gradual chemical weathering of rocks, usually silicate-bearing, by low concentrations of carbonic acid & other diluted solvents. These solvents, usually acidic, migrate through the weathering rock after leaching through upper weathered layers.

(c) **DETAILS OF PROSPECTING LICENSE HOLDER :**

The lessee himself done the prospecting work.

M/S SRI SAI MINERALS,

Prop : Sri. Peram Nagi Reddy

H.No. 16/1282-2, Srinivasapuramu,

Tadipatri – 515 411

Ananthapuramu

Mobile No : 9908515133, Email ID : srisaiminerals.tdp@gmail.com

(d) **DETAILS OF PROSPECTING/EXPLORATION ALREADY CARRIED OUT :**

DRILLING : 6 numbers of bore holes (DTH type) were drilled with grid interval of 50m to 100m with depth ranging from 30m to 35m. The details of bore holes drilled in the mine are shown in Surface & Geological plan and Geological Cross Sections.

(e) **SURFACE PLAN AREA ON 1:1000 OR 1:2000 SCALE :**

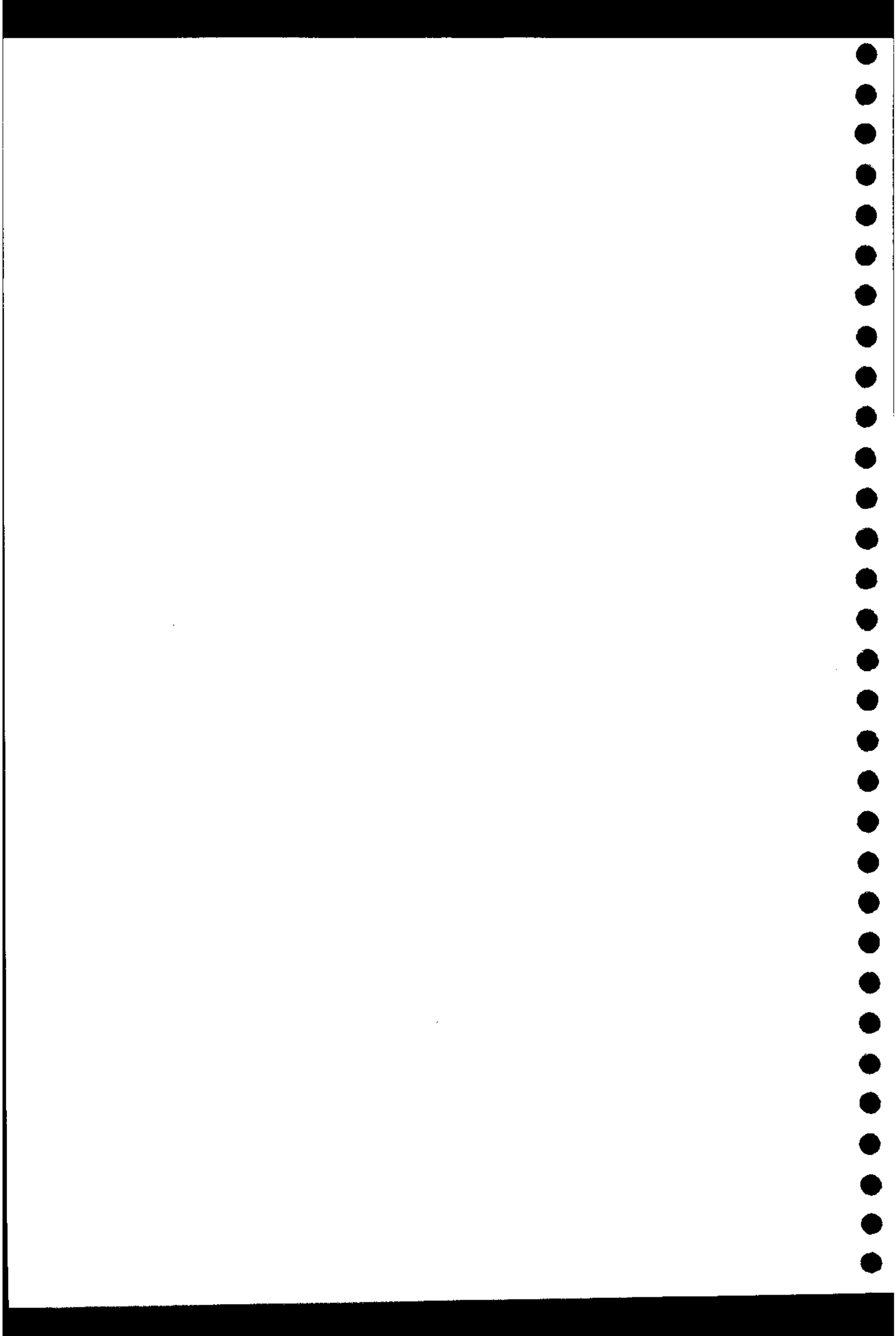
The updated Surface plan has been prepared with scale of 1:1000 R.F. is enclosed vide Plate No. 3 showing all the mine workings and other details, etc.

(f) **GEOLOGICAL PLAN PREPARED ON SCALE OF 1:1000 OR 1:2000 :**

The updated Geological Plan has been prepared with scale of 1:1000 R.F. is enclosed vide Plate No. 3. Showing all the mine workings and other details, etc.

(g) **GEOLOGICAL SECTIONS ON NATURAL SCALE AT SUITABLE INTERVAL ACROSS THE LEASE AREA OR APPLIED AREA :**

The Geological cross sections has been prepared with scale of 1:1000 R.F. for an interval of 50m across the lease area from boundary to boundary and is enclosed vide Plate No. 5.



- (h) **BROADLY INDICATE THE FUTURE PROGRAMME OF EXPLORATION WITH DUE JUSTIFICATION TAKING INTO CONSIDERATION THE FUTURE TENTATIVE EXCAVATION PROGRAMME PLANNED IN NEXT FIVE YEARS :**

Year	No of bore holes (Core/RC/DTH)	Grid interval in m	Total meterage	No. of pits, dimensions and volume	No. of Trenches, dimensions & volume
2023-2024	2	100	101 m	Nil	Nil
2024-2025	2	100	90 m	Nil	Nil
2025-2026	2	100	110 m	Nil	Nil
2026-2027	1	100	40 m	Nil	Nil
2027-2028	1	100	60 m	Nil	Nil
Total	8 No DTH	100	401 m	Nil	Nil

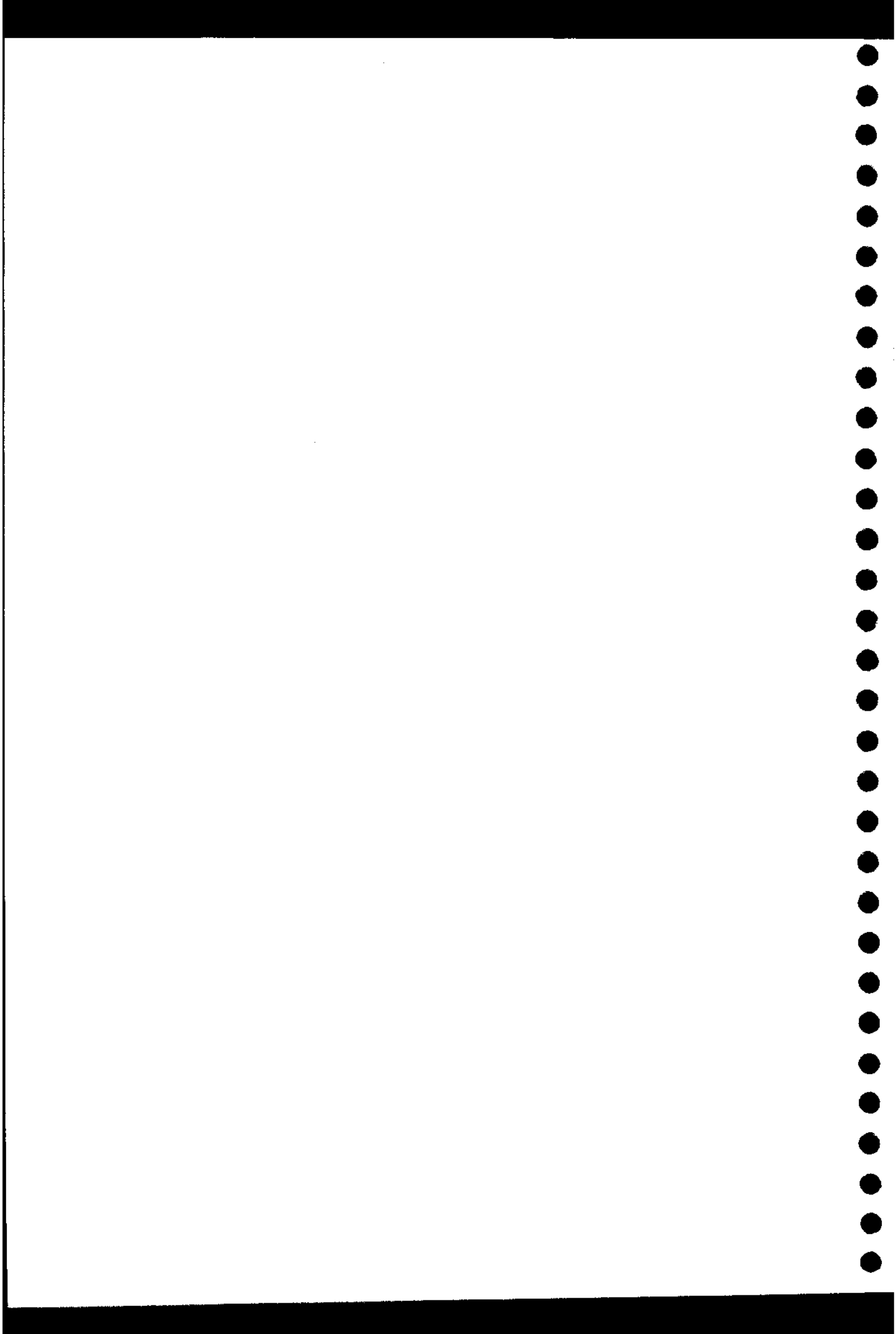
As per the guidelines of UNFC entire area need to be explored, however the area is covered by exploration by way of pitting and bore holes (DTH).

- (i) **RESERVES AND RESOURCES AS PER UNFC. DETAILED CALCULATION OF**

RESERVES SHALL BE STATED : In view of the UNFC codification system & further the testimony of the Steatite in ongoing mining activity where in the beds of Steatite, dolomitic limestone, Steatite was exposed both along the strike and dip has necessitated estimation of reserve. Thus, the reserve estimation is in to have been done. The present market scenario has changed the geometry /dimension/configuration and definition of the ore which is dynamic process. The details of reserve/resources estimated and are follows.

PARAMETRS CONSIDERED FOR MINEAL RESERVES ESTIMATION : Reserves are estimated as proved category based on underground mine workings and drilled bore holes as shown in Plate No.3, 4 & 5. The mine has total 13 incline haulage namely IH-1 to IH-13 in that IH-1, 3, 4 & 7 will be utilized as man way. The length of the inclines haulages and manways are 622 m and Levels length are 213 m and inter connection length are 262 m. The underground openings have exposed the Steatite & Dolomite ore beds both along strike and dip direction. As seen from the present working in the lease area steatite veins are observed. As seen from the incline haulages the Steatite & Dolomite alternate band is exposed from 352m RL to 313m. The present workings proved upto that level. As seen from the working the Steatite thickness is observed 1m. The Proved reserves are considered where mineral is proved on four sides proved by mine workings or any other type of exploration (Please see Plate No. 3, 4 & 5).

The scientific base recovery & bulk density has been conducted by the lessee. The recovery & bulk density purpose we have collected 1m height, 1m width & 1m thickness from a bench like this we have collected 3 places and the Steatite & Dolomite weighing between 2.4 tons, 2.5 tons & 2.6 tons considering average 2.5 t/cum is considered for bulk density.



After weighing the Steatite & Dolomite the other foreign material mixed in the Steatite & Dolomite has been removed and 2.25 tons of Steatite & Dolomite was recovered.

Based on the recovery of Steatite is considered as 45% & tonnage factor as 2.5t/cum, recovery of Dolomite as 45% & tonnage factor as 2.5t/cum and average thickness is 2m balance 10 % is intercalated waste tonnage factor as 2.0t/cum. The section wise Steatite & Dolomite reserves calculations are given below

GEOLOGICAL RESERVES							
PROVED							
X-Sec	X-Sec Area in Sqm	X-sec Influence in M	Thickness in m	Volume in Cum	Qty of Dolomite @ col no. 5* 0.45 *2.5 t/cum	Qty of Steatite @ col no. 5* 0.45 *2.5 t/cum	Qty of Waste @ col no. 5* 0.1 *2.0 t/cum
AA'	10339	65	2	1344070	1512079	1512079	336018
BB'	14322	50	2	1432200	1611225	1611225	358050
CC'	9927	45	2	893430	1005109	1005109	223358
Total					4128413	4128413	917425

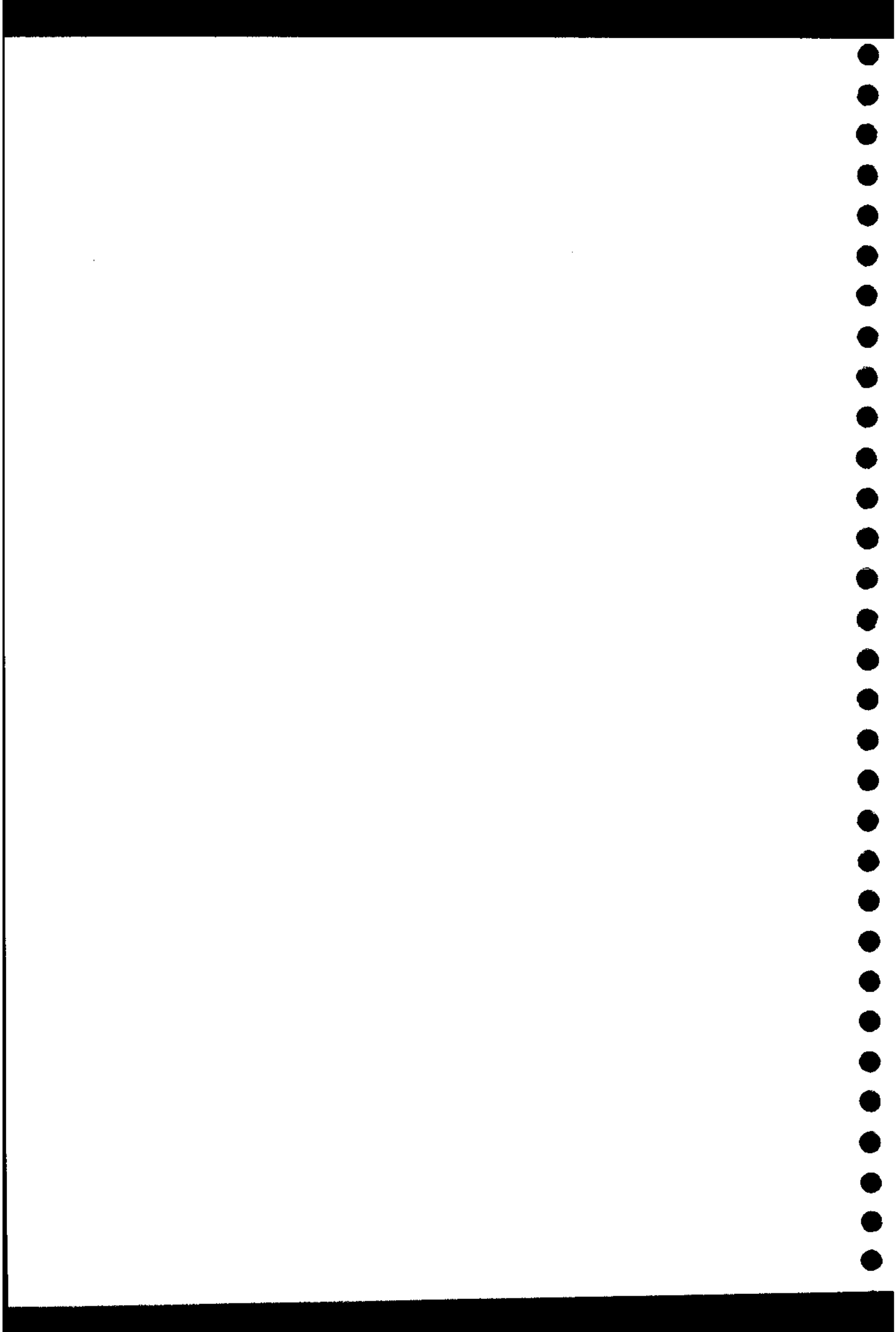
Surface & Geological Plan & Geological Cross Section are enclosed vide Plate No.3, 4 & 5. The Director of Mines and Geology, Ibrahimpatnam vide memo no.25019/P-Misc /2015 Dated 20.07.2017 instructed that lease holders shall get analyzed the associated minerals before obtaining dispatch permits. Steatite (Insecticide (Filler) grade (Low grade) and Steatite (Other than Insecticide (Filler) grade) (High grade) mineral along with Dolomite minerals are occurring in the subject lease. The lease holder shall be analyzed the samples from Chemical lab O/o Deputy Director of Mines & Geology, Kurnool and analysis report will submit to the ADM&G concerned as and when required dispatch permit for Steatite (Insecticide (Filler) grade (Low grade) minerals.

(j) **FEASIBILITY REPORT ALONG WITH FINANCIAL ANALYSIS PER ECONOMIC VIABILITY OF THE DEPOSIT :**

Details of UNFC code justification of the Mineable Reserves.

PROVED MINEABLE MINERAL RESERVES, UNFC CODE IS ASSIGNED AS 111

GEOLOGICAL AXIS : Since exploration carried in form of mining in the last Mining scheme period based on underground mine workings and drilled bore holes as shown in Plate No.3, 4 & 5. The mine has total 13 incline haulage namely IH-1 to IH-13 in that IH-1, 3, 4 & 7 will be utilized as man way. The length of the inclines haulages and manways are 622 m and Levels length are 213 m and inter connection length are 262 m. The underground openings have exposed the Steatite & Dolomite ore beds both along strike and dip direction. As seen from the present working in the lease area steatite veins are observed. As seen from the incline haulages the Steatite & Dolomite alternate band is exposed from 352m RL to 313m. The present workings proved upto that level. As seen from the working the Steatite thickness is observed 1m.



The mineral exposed in the three dimensions and extending continuously in strike and dip direction it is geologically feasible which is considered as Geological axis G1.

FEASIBILITY AXIS : The mining operations are carried from last 19 years, since the Steatite & Dolomite is being salable to all the minerals are salable. Hence this mining activity is feasible, which is considered as Feasibility axis F1.

ECONOMIC AXIS : All the mineable mineral having salable grade and its analysis report showing the grade. Analysis report of Steatite & Dolomite is enclosed vide **Annexure-IX**. The last 19 years a sale of mineral show the mining is economical. Hence it's economically feasible which is considered as Economic axis E1

CONCLUSION : This mining project is profitable and viable.

ECONOMIC EVALUTION :

1. Capital cost of Mining equipment : Rs.50 lakhs
2. Operating cost :

Heads	Cost in Rs
Exploration	200.00
Mining	1000.00
Depreciation	10.00
Interest	10.00
Miscellaneous	10.00
Overhead cost	10.00
Total	1240.00

The above cost is a very approximate, whereas due to the market conditions the above shown cost may vary accordingly. In addition to the above statutory taxes on mineral includes the following. The total cost per tonne of Steatite & Dolomite works out to be Rs.1240 + Royalty extra. Recently there are so many industries are running near by the mine site & also the demand for Steatite & Dolomite was more, so the lessee wish to supply the Steatite & Dolomite to various industries. Since the lessee is financially sound enough, provisions already made as per the PMCP & will be made in the annual budgets to close the mine as per the guidelines. The lessee has got excellent image in the market & is managing its operations excellently with high growth rate in terms of production, sales, turnover & profit.

k) **MINERAL RESERVES** : The Mineable Reserves are tabulated below:

MINEABLE RESERVES							
PROVED G1							
X-Sec	X-Sec Area in Sqm	X-sec Influence in M	Thickness in m	Volume in Cum	Qty of Dolomite @ col no. 5* 0.45 *2.5 t/cum	Qty of Steatite @ col no. 5* 0.45 *2.5 t/cum	Qty of Waste @ col no. 5* 0.1 *2.0 t/cum
AA'	9635	65	2	1252550	1409119	1409119	313138
BB'	13492	50	2	1349200	1517850	1517850	337300
CC'	9205	45	2	828450	932006	932006	207113
Total					3858975	3858975	857550



(i) **MINING METHOD, RECOVERY FACTOR, MINING LOSSES, PROCESSING LOSS**

ETC : The method of mining shall be underground. From the knowledge of exploration, the nature & other geological parameters of the veins of the Steatite & Dolomite are deciphered, considering steep dips of the ore zone, narrow widths of the vein and the nature of the terrain, it is proposed to work the deposit with underground method. Suitable measures will be taken to avoid the surface rain flow in the underground workings. Proposed water godan and parapet wall are shown in Plate No.10. The mine has total 13 incline haulages namely IH-1 to IH-13 in that IH-1, 3, 4 & 7 will be utilized as man way. The length of the inclines haulages and manways are 622 m and Levels length are 213m and inter connection length are 262m. The underground openings have exposed the Steatite & Dolomite ore beds both along strike and dip direction. As seen from the present working in the lease area steatite veins are observed. As seen from the incline haulages the Steatite, Dolomite alternate band is exposed from 352m RL to 313m. The present workings proved upto that level. As seen from the working the Steatite thickness is observed 1m. The Proved reserves are considered where mineral is proved on four sides proved by mine workings or any other type of exploration (Please see Plate No. 3, 4 & 5). Based on field experience the recovery of Steatite is considered as 45% and tonnage factor as 2.5t/cum, recovery of Dolomite as 45% and tonnage factor as 2.5 t/cum and balance 10 considered as Waste and tonnage factor 2.0 t/cum average thickness is 2m.

(ii) **CUT OFF GRADE, ULTIMATE PIT DEPTH PROPOSED** : The steatite produced from this mine will be sold various industries, Paper Mills Rajahmundry & Pondicherry paper mills Pondicherry & other paper, soaps, detergents, paints, pigments, ceramics and cosmetics industries. The brightness of the steatite required for above industries will be >75%.

The analysis report of Steatite shows that the MgO 32.48% to 33.25 %, SiO₂ 58.26% to 59.55 %, Al₂O₃ 0.75 % to 0.81%, Fe₂O₃ 0.60 % to 0.65 % and CaO 0.16 % to 0.19 %, Brightness is 78.55 % to 80.15 % and analysis report of Low grade Steatite MgO 22.38% to 26.15 %, SiO₂ 47.02% to 49.54 %, Al₂O₃ 1.47 % to 1.56%, Fe₂O₃ 0.12 % to 0.76 % and CaO 18.70 % to 20.40 %.

Dolomite produced from this mine was very good quality this mineral will be sold to Local steel industries the required grade of the dolomite for the above industries will be MgO 18 %. The analysis report of Dolomite shows that the and CaO 31.70 % to 32.40 % MgO 19.45% to 20.54 %, SiO₂ 2.98% to 3.58 %, Al₂O₃ 1.08 % to 1.13%, Fe₂O₃ 0.82 % to 0.96 %. The analysis report of the Dolomite, Steatite & Low grade Steatite is enclosed vide **Annexure-IX**.



(iii) **MINERAL BLOCKED DUE TO PRESENCE OF MAINTENANCE OF BENCHES, BARRIERS, INTERNAL ROADS, ELECTRICAL LINES ETC**

The methods for the estimation of the reserves blocked under 7.5 m buffer line/ultimate pit limit are calculated on the basis of cross sectional method with sectional influence of 50m. The cross sectional area of the ore zone is calculated by method of counting of squares. This multiplied with the length of the influence of the sections gives the volume of ore zone. The volume multiplied with the bulk density gives the tonnage of geological reserves. For the purpose of calculations, the bulk density of Steatite has been taken as 2.5 tonnes/cum & recovery 45%. Dolomite has been taken as 2.5 tonnes/cum & recovery 45% and balance 10 % considered as waste tonnage 2.0 tonnes/cum. The Section wise calculation of blocked reserves are furnished as follows :

BLOCKED RESERVES							
PROVED							
X-Sec	X-Sec Area in Sgm	X-sec Influence in M	Thickness in m	Volume in Cum	Qty of Dolomite @ col no. 5* 0.45 *2.5 t/cum	Qty of Steatite @ col no. 5* 0.45 *2.5 t/cum	Qty of Waste @ col no. 5* 0.1 *2.0 t/cum
AA'	704	65	2	91520	102960	102960	22880
BB'	830	50	2	83000	93375	93375	20750
CC'	722	45	2	64980	73103	73103	16245
Total					269438	269438	59875

(iv) **TOTAL MINERAL RESERVES :**

Total Geological Reserves-Blocked Reserves = Mineable Reserves

Mineral	Steatite in tonnes	Dolomite in tonnes	Waste in tonnes
Geological Reserves	4128413	4128413	917425
Blocked Reserves	269438	269438	59875
Mineable Reserves	3858975	3858975	857550

LIFE OF THE MINE :

The mineable reserves are considered as marketable reserves. In this way a total mineable reserves of Dolomite are 3858975 tonnes of and Steatite are 3858975 tonnes available in the QL area. As the mine is proposed to produce 2498 tonnes Dolomite, and 2498 tonnes of Steatite shall be produced /annum, so the life of the mine is as follows :

Dolomite	Total Mineable Reserves of Dolomite	3858975	1544 years
	Actual anticipated annual production	2498	
Steatite	Total Mineable Reserves of Steatite	3858975	1544 years
	Actual anticipated annual production	2498	



3. **MINING :**

(A) **OPEN CAST MINING :**

Not applicable as it is Under Ground method of mining

(i) **DESCRIPTION OF EXISTING/PROPOSED METHOD FOR EXCAVATION WITH ALL DESIGN PARAMETERS INDICATING ON PLANS/SECTIONS :**

The roof and floor constitutes with dolomitic limestone which is hard and compact in nature, and can sustain in the aspect of stability for underground workings, the nature & other geological parameters of the veins of the steatite are deciphered, considering moderate dips of the ore zone, narrow width of the vein and the nature of the terrain, it is proposed to continue work the deposit with underground method.

The mine has total 13 incline haulage namely IH-1 to IH-13 in that IH-1, 3, 4 & 7 will be utilized as man way. The length of the inclines haulages and manways are 622 m and Levels length are 213 m and inter connection length are 262 m. The underground openings have exposed the steatite, dolomite & Low grade Steatite ore beds both along strike and dip direction. As seen from the present working in the lease area steatite veins are observed. As seen from the incline haulages the Steatite, Dolomite alternate band is exposed from 352m RL to 313m. Total 6 numbers of bore holes (DTH type) have been drilled in the area depth ranging from 30m to 35m. The present Underground working plan is prepared and enclosed vide Plate No 5. The support system will be implemented as per the systematic timbering rules. The timber support will be provided at appropriate places where the roof condition is bad and also roof bolting will be proved at suitable intervals. The seepage of water is almost negligible, the water table is about 70m below from the surface.

The workings are far above the water table. Even though for safety's sake pumping is proposing at the bottom of the incline.

Pumping will be carried on from underground to surface, the same water will be utilized for plantation. The systematic support Rules and the method of working application will be followed as per DGMS rules the same will be implemented in the mine.

PROPOSED PARAMETERS OF THE WORKING BENCHES :

Now same underground method of mining operation are proposed in the scheme period. This method and mode of operation is taken into account mainly for the interest of safe and scientific mining, conservation of mineral and protection of environment by consideration of all the parameters and the geological attitudes of the ore body.

PROPOSED MINING : Considering the geology and nature of the mineral occurrence and also due to stable strata condition, the proposed mining will be carried out by underground 'Bord & pillar' method.



It is proposed to connect existing Incline haulages and these haulages and manway were interconnect each other along the dip direction on Eastern side and connecting at levels of existing haulages and it will be used as man-way and mineral hoisting purpose keeping a distance of more than 15m, which will also be used as manway. For every 10m horizontal distance one cross (level) will be made to connect the incline haulage & man way in systematic manner as described below & shown on Plate No. 4.

PRECAUTIONS TO BE OBSERVED DURING DRILLING AND BLASTING :

DRILLING PRECAUTIONS :

- Drilling with dust extractors.
- Use of sharp drill bits, delivery of compressed air at optimal pressure and proper maintenance of compressor and drilling machine.
- Provision of ear plugs /ear muffs to drillers.

BLASTING PRECAUTIONS :

- Proper charge per delay shall be regulated.
- Millisecond delay detonators or sequential blasting exclusively used.
- Stemming column shall be more than the burden to avoid blown out shots.
- Each blast would be is carefully planned, supervised executed & observed by expert staff

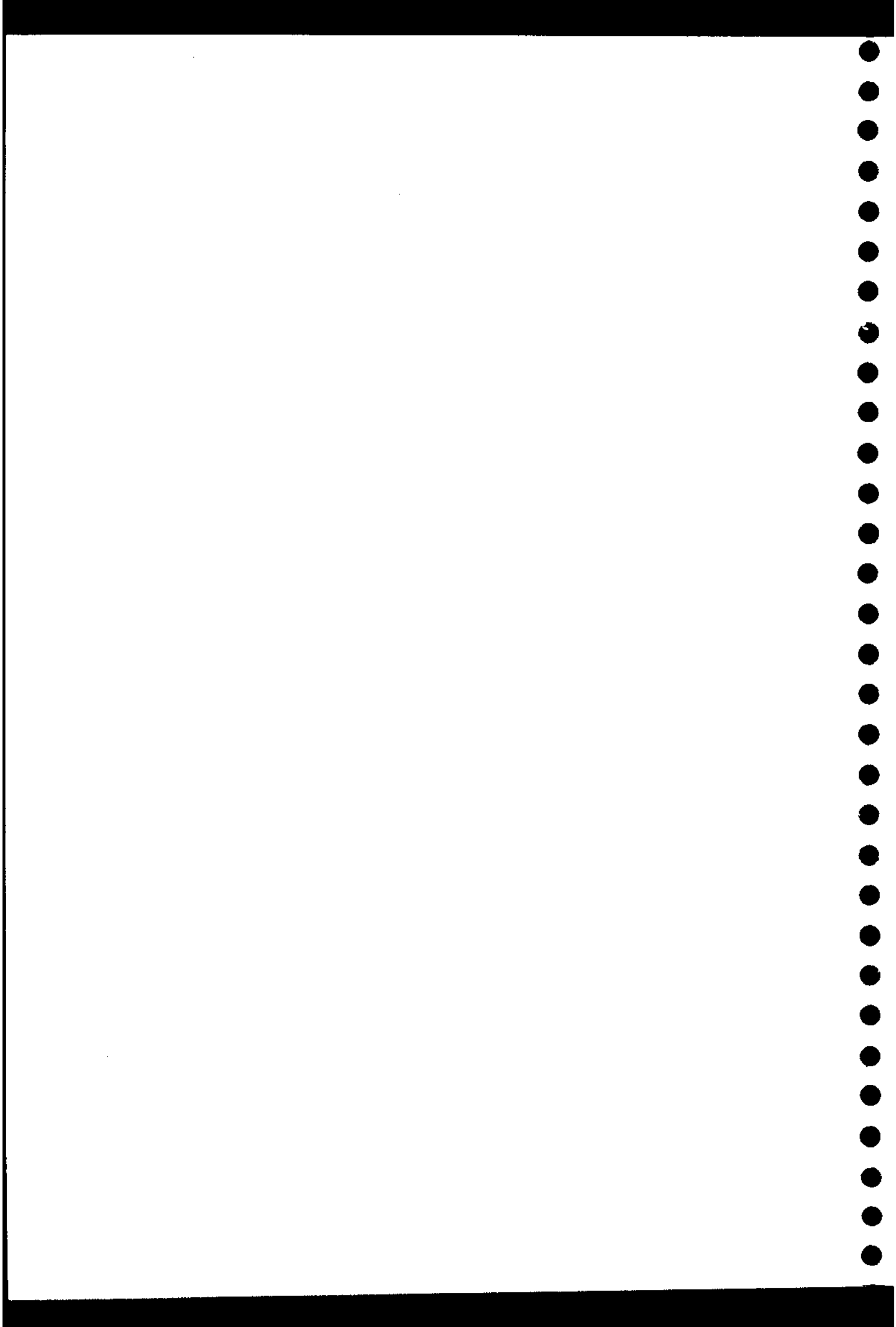
SAFETY & SECURITY :

The mining areas will be protected by erecting the barbed wire fence and rock walls. Due to these arrangements no trespassing is possible for people as well as animals. The Quarry area will be barricaded with stone wall at the time of abandonment.

SAFETY OF PERSONS :

For ensuring safety of persons moving on the common road the following measures are proposed.

- ✦ To post sign boards for caution about trucks moving,
- ✦ To post one person at vulnerable places to caution persons moving,
- ✦ To form speed breakers on road at important places, and



(ii) **INDICATE YEAR WISE TENTIVE EXCAVATION IN CUBIC METERS INDICATING DEVELOPMENT, ROM, PIT WISE AS IN TABLE.**

Year	Pit No.	Total tentative Excavation (Cum)	Top Soil (Cum)	ROM/SB/IB (Cum)	Mineral reject (Cum)	Mineral reject (Cum)	ROM/ Waste Ratio
2023-2024	1	2220	Nil	Nil	1998	222	1 : 0.11
2024-2025	1	2220	Nil	Nil	1998	222	1 : 0.11
2025-2026	1	2220	Nil	Nil	1998	222	1 : 0.11
2026-2027	1	2220	Nil	Nil	1998	222	1 : 0.11
2027-2028	1	2220	Nil	Nil	1998	222	1 : 0.11

A systematic, 5 year production & development program has been planned for Mutchukota Steatite & Dolomite Mine. The proposed Production & Development calculation are as follows :

PRODUCTION & DEVELOPMENT OF STEATITE & DOLOMITE

2023-2024

	Length in m	Width in m	Thickness in m	Volume in Cum	Qty of Dolomite @ col no 5* 0.45 *2.5 t/cum	Qty of Steatite @ col no 5* 0.45 *2.5 t/cum	Waste @ col no 5* 0.1 *2 t/cum
Interconnection	220	2	2	880	990	990	176
IH -1	55	2	2	220	248	248	44
L-6	70	2	2	280	315	315	56
L-6a1	57	2	2	228	257	257	46
L-6a2	45	2	2	180	203	203	36
L-6a3	31	2	2	124	140	140	25
L-7	77	2	2	308	347	347	62
Total					2498	2498	444

2024-2025

	Length in m	Width in m	Thickness in m	Volume in Cum	Qty of Dolomite @ col no 5* 0.45 *2.5 t/cum	Qty of Steatite @ col no 5* 0.45 *2.5 t/cum	Waste @ col no 5* 0.1 *2 t/cum
Interconnection	316	2	2	1264	1422	1422	253
L-1	36	2	2	144	162	162	29
L-2	18	2	2	72	81	81	14
L-3	14	2	2	56	63	63	11
L-3c	57	2	2	228	257	257	46
L-4c	57	2	2	228	257	257	46
L-5c	57	2	2	228	257	257	46
Total					2498	2498	444



2023-2024							
	Length in m	Width in m	Thickness in m	Volume in Cum	Qty of Dolomite @ col no 5* 0.45 *2.5 t/cum	Qty of Steatite @ col no 5* 0.45 *2.5 t/cum	Waste @ col no 5* 0.1 *2 t/cum
Interconnection	301	2	2	1204	1355	1355	241
L-4	40	2	2	160	180	180	32
L-5	50	2	2	200	225	225	40
L-6	10	2	2	40	45	45	8
L-7	26	2	2	104	117	117	21
L-6a1	12	2	2	48	54	54	10
L-3a	36	2	2	144	162	162	29
L-4a	36	2	2	144	162	162	29
L-6c	44	2	2	176	198	198	35
Total					2498	2498	444
2026-2027							
	Length in m	Width in m	Thickness in m	Volume in Cum	Qty of Dolomite @ col no 5* 0.45 *2.5 t/cum	Qty of Steatite @ col no 5* 0.45 *2.5 t/cum	Waste @ col no 5* 0.1 *2 t/cum
Interconnection	312	2	2	1248	1404	1404	250
L-1d	38	2	2	152	171	171	30
L-2d	67	2	2	268	302	302	54
L-3d	26	2	2	104	117	117	21
L-4d	10	2	2	40	45	45	8
L-2b	30	2	2	120	135	135	24
L-3b	27	2	2	108	122	122	22
L-7c	45	2	2	180	203	203	36
Total					2498	2498	444
2027-2028							
	Length in m	Width in m	Thickness in m	Volume in Cum	Qty of Dolomite @ col no 5* 0.45 *2.5 t/cum	Qty of Steatite @ col no 5* 0.45 *2.5 t/cum	Waste @ col no 5* 0.1 *2 t/cum
IH-10	27	2	2	108	122	122	22
Interconnection	248	2	2	992	1116	1116	198
L-3d	96	2	2	384	432	432	77
L-4d	102	2	2	408	459	459	82
L-5d	37	2	2	148	167	167	30
L-8c	45	2	2	180	203	203	36
Total					2498	2498	444

2023-2024 :

As proposed during this year operations it is proposed to develop in the Incline haulage- 1 (Hoist/Marway) and 5 levels with interconnection of the haulages. With Grid interval of E 804800 to E 804950 and N 1643000 to N 1643100. Total ROM produced during this year is 5440 tonnes out of which 2498 tonnes of Dolomite and 2498 tonnes of Steatite and 444 tonnes of waste will be generated. The working area for 2023-2024 is shown in Plate No. 6.



2024-2025 :

As proposed during this year operations it is proposed to develop in the Old Incline haulage-4 & 11 (Hoist/Manway) and 6 levels with interconnection of the haulages. With Grid interval of E 804800 to E 804950 and N 1643000 to N 1643200. Total ROM produced during this year is 5440 tonnes out of which 2498 tonnes of Dolomite and 2498 tonnes of Steatite and 444 tonnes of waste will be generated. The working area for 2024-2025 is shown in Plate No. 6.

2025-2026 :

As proposed during this year operations it is proposed to develop in the Old Incline haulage-4 & 11 (Hoist/Manway) and 8 levels with interconnection of the haulages. With Grid interval of E 804800 to E 804950 and N 1642950 to N 1643150. Total ROM produced during this year is 5440 tonnes out of which 2498 tonnes of Dolomite and 2498 tonnes of Steatite and 444 tonnes of waste will be generated. The working area for 2025-2026 is shown in Plate No. 6.

2026-2027 :

As proposed during this year operations it is proposed to develop in the Old Incline haulage-4, 10 & 11 (Hoist/Manway) and 7 levels with interconnection of the haulages. With Grid interval of E 804800 to E 804950 and N 1642950 to N 1643250. Total ROM produced during this year is 5440 tonnes out of which 2498 tonnes of Dolomite and 2498 tonnes of Steatite and 444 tonnes of waste will be generated. The working area for 2026-2027 is shown in Plate No. 6.

2027-2028 :

As proposed during this year operations it is proposed to develop in the Old Incline haulage-4, 10 & 11 (Hoist/Manway) and 4 levels with interconnection of the haulages. With Grid interval of E 804800 to E 804950 and N 1642950 to N 1643250. Total ROM produced during this year is 5440 tonnes out of which 2498 tonnes of Dolomite and 2498 tonnes of Steatite and 444 tonnes of waste will be generated. The working area for 2027-2028 is shown in Plate No. 6.

PRODUCTION & DEVELOPMENT			
Year	Production in tonnes		Development in tonnes
	Dolomite	Steatite	
2023-2024	2498	2498	444
2024-2025	2498	2498	444
2025-2026	2498	2498	444
2026-2027	2498	2498	444
2027-2028	2498	2498	444
TOTAL	12488	12488	2220



YEAR	INCLINE HAULAGE/ MANWAY	INTERCONNECTIONS	LEVELS	TOTAL
2023-2024	55	320	280	555
2024-2025	-	316	239	555
2025-2026	-	301	254	555
2026-2027	-	312	243	555
2027-2028	27	248	280	555
TOTAL	82	1397	1296	2775

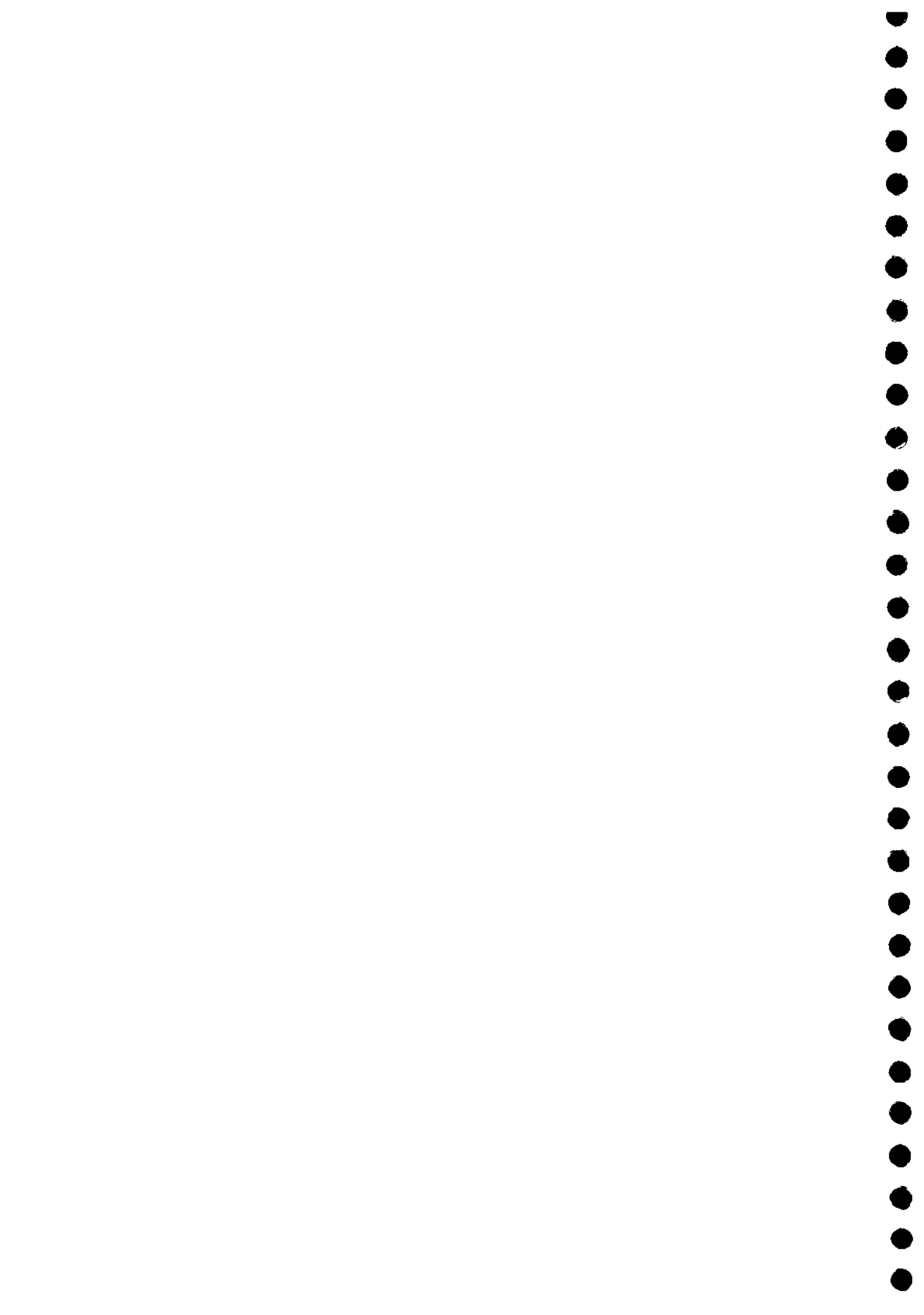
(iii) **DUMP MANAGEMENT :**

The waste material that will be generated due to mining is dolomitic lime stone & phyllites. During the 5-year plan period about 2220 tonnes of waste material will be generated. In the lease area old dumps and old pits are existing. For stabilization of this dump grass will be grown over the old dumps slope periodically.

YEAR	DEVELOPMENT
2023-2024	444
2024-2025	444
2025-2026	444
2026-2027	444
2027-2028	444
TOTAL	2220

(iv) **LAYOUT OF MINE WORKINGS, PITS, ROADS ETC :**

The steatite vein is exposed in the QL area. During the next 5 year plan period existing incline haulages, interconnections & levels will be further extended. The interval between incline to incline is ranging from 14m to 38m, inter connection to interconnection 8 m to 10 m and level to level is 10m, where as surface to 1st level is 15m. The dimensions of haulages, interconnections and levels will be 2mx2m. So that structural characteristics and configuration of the vein besides the normally anticipated improvement in quality of the deposit with depth will be known & facilitate systematic stopping. As only one shift is proposed to be worked and considering shortage of workers which is also affected seasonally & with back ground experience of mining in this area, it is expected that the minimum and maximum of 555m of progress could be achieved per year. With one driller in position, drilling in two faces will be done alternatively so that transport of blasted material to surface will be unhindered. A scheme of development as indicated below is drawn up for the next 5 years period (please see Plate No.6).



PRODUCTION & DEVELOPMENT			
Year	Production in tonnes		Development in tonnes
	Dolomite	Steatite	
2023-2024	2498	2498	4996
2024-2025	2498	2498	4996
2025-2026	2498	2498	4996
2026-2027	2498	2498	4996
2027-2028	2498	2498	4996
TOTAL	12488	12488	22220

YEAR	INCLINE HAULAGE/ MANWAY	INTERCONNECTIONS	LEVELS	TOTAL
2023-2024	55	220	280	555
2024-2025	-	316	239	555
2025-2026	-	301	254	555
2026-2027	-	312	243	555
2027-2028	27	248	280	555
TOTAL	82	1397	1296	2775

The dimensions of Incline haulages, level & Inter connection will be 2m x 2m. During the plan period 2775 m of development will be done in Incline haulage, Interconnections & levels.

- (B) **UNDERGROUND MINING** : As mentioned earlier, the method of mining shall be underground. From the knowledge of exploration, the nature & other geological parameters of the veins of the steatite are deciphered, considering steep dips of the ore zone, narrow widths of the vein and the nature of the terrain, it is proposed to work the deposit with underground method. Suitable measures will be taken to avoid the surface rain flow in the underground workings.
- (i) **MODE OF ENTRY** : The mode of entry is by inclines. Based on the occurrence of steatite, underground workings are proposed towards Southern side and Northern side of the lease area. Towards Southern side underground working existing 6 Incline haulages will further extended & 8 levels & suitable interconnections are proposed. Towards Northern side existing 2 incline haulages will be further extended, 5 levels & suitable interconnection are proposed. The underground workings will be further extending with suitable interconnection. Steps will be provided at incline haulage No. IH-1, IH-3, IH-4 & IH-7 treating as man way. Towards Southern side Incline haulage IH-5, IH-8 & IH-12 Northern side IH-10 & IH-11 will be connected, steps will be provided for the workers to enter into the mine as per the provision of regulation 73 of MMR 1961.
- (ii) **UNDER GROUND LAY OUT** : The size of the incline haulage, interconnections and levels will be 2m x 2m. 8 levels and interconnections will be formed connecting all the inclines at 325m RL, to 315 m RL keeping 10m of level interval.



Incline haulage No IH-1, 3 4 & 7 will be utilized as manway provided steps and Incline haulage No IH-5, 8, 10,11 & 12 will be utilized to transport of material from below ground to the surface. Regarding underground electrification, cap lamps will be provided. It is proposed to take due precautions for preventing the premature collapse of workings, by taking adequate steps like timbering and roof bolting as per the safety regulations. During development of the mine the following are kept in view.

- (iii) **SYSTEM OF DRILLING & BLASTING** : For cutting purpose a stopper or air legs mounted jackhammer machine shall be used with the required motive power of compressed air (140cfm) supplied through a pipe line from surface. A wedge cut holes shall be practiced in development of levels and shafts using hand held pneumatic drill machine namely silver 30 holmanco with chisel type bit. The blasting operations will be done manually and the general pattern of holes is shown in **Annexure – X**. The frequency of blasting with the number of holes blasted at a time being restricted to 10 holes will be so regulated that as far as possible vein matter and country rock are blasted separately. Blasting will be done two to three rounds and once a day (shift). The explosives used in the blast holes is formadyne in cartridges of 20cm length and 25mm dia initiated by detonator through waterproof plastic coated safety fuse. A total of 5 to 6kg of explosives will be consumed for each advance of face, the normal pull being 0.8m to 0.9m. All the regulations as per the MMR1961 & Indian Explosives act regarding storage & handling of explosives will be strictly followed. For each blasting around 0.8m of advancement will be achieved and the required explosives will be 5kgs. So for one blasting (2mx2mx0.8m) 2.25 cum of development will be achieved. During 5 years plan period a total production & development in both inclines and levels will be 27195 tonnes as explained in year wise production & development. So the required number of blasting will be $27195/2.25 = 12086$ and explosives required will be $12086 \times 5\text{kg} = 60430\text{ kgs}$. For one year the required explosives will be $60430/5 = 12086\text{ kgs}$ & for one month $12086/12 = 1007\text{ kgs}$ & for 1 day $1007/26 = 39\text{ kgs}$. A portable magazine of 50kgs is existing and sufficient and location of magazine as shown in Plate No. 3. Explosive Magazine licence copy is enclosed vide **Annexure-XI**.
- (iv) **METHOD AND SEQUENCE OF STOPPING** : No stopping is proposed during the plan period, however in future it is proposed to extract the mineral by overhead of cut and fill method of stopping and filling the voids with the waste rock material, which will be brought down through a set of winzes. By the way all the waste rock generated during the development, will be completely utilized for the filling up the voids.
- (v) **SYSTEM OF UNDERGROUND TRANSPORTATION** : The system of hoist will be by skips operating on an inclined haulage so that from pit top to pit bottom an inclined track line will be made & extended with progress of depth.



In the below ground tram line with tubs will be provided in the levels and loaded tubs will be trammed from the working points manually to the haulage shaft bottom similarly pit top also surface track line & tipping tubs arrangements will be provided for handling of Steatite & Dolomite. Pit bottom lay out consist of loading arrangement at inclined haulage bottom connected with underground levels developed for transport of mineral to the surface (please see Plate No. 6).

- (vi) **SYSTEM OF WINDING/HOISTING :** Winding will be provided to transport the waste rock and mineral from the underground to the surface. Towards southern side of the underground workings the incline haulages IH-5, 8 & 12 and towards northern side incline haulages IH-10 & 11 are proposed to be provided equipped with 12HP engine coupled with winch and rope 5/8" diameter. In the haulage roadway 15kg/m of rails will be laid down in order to haul the waste & mineral. The gauge of the haulage track will be 2 feet wide. The capacity of the skip will be 0.75T. This will be sufficient for handling the waste & mineral of the mine.
- (vii) **SUBSIDENCE MANAGEMENT :** As the surface is covered by Dolomitic limestone and in this Steatite vein are passing so there is no loose formation in this start, even though the lessee as taken due care for subsidence management.
- (viii) **MINE VENTILATION :** The aim of mine ventilation is to provide for work persons in the underground air with permissible standards as stipulated below.

Oxygen	Not less than 19 %
Carbondioxide	Not more than 0.5 %

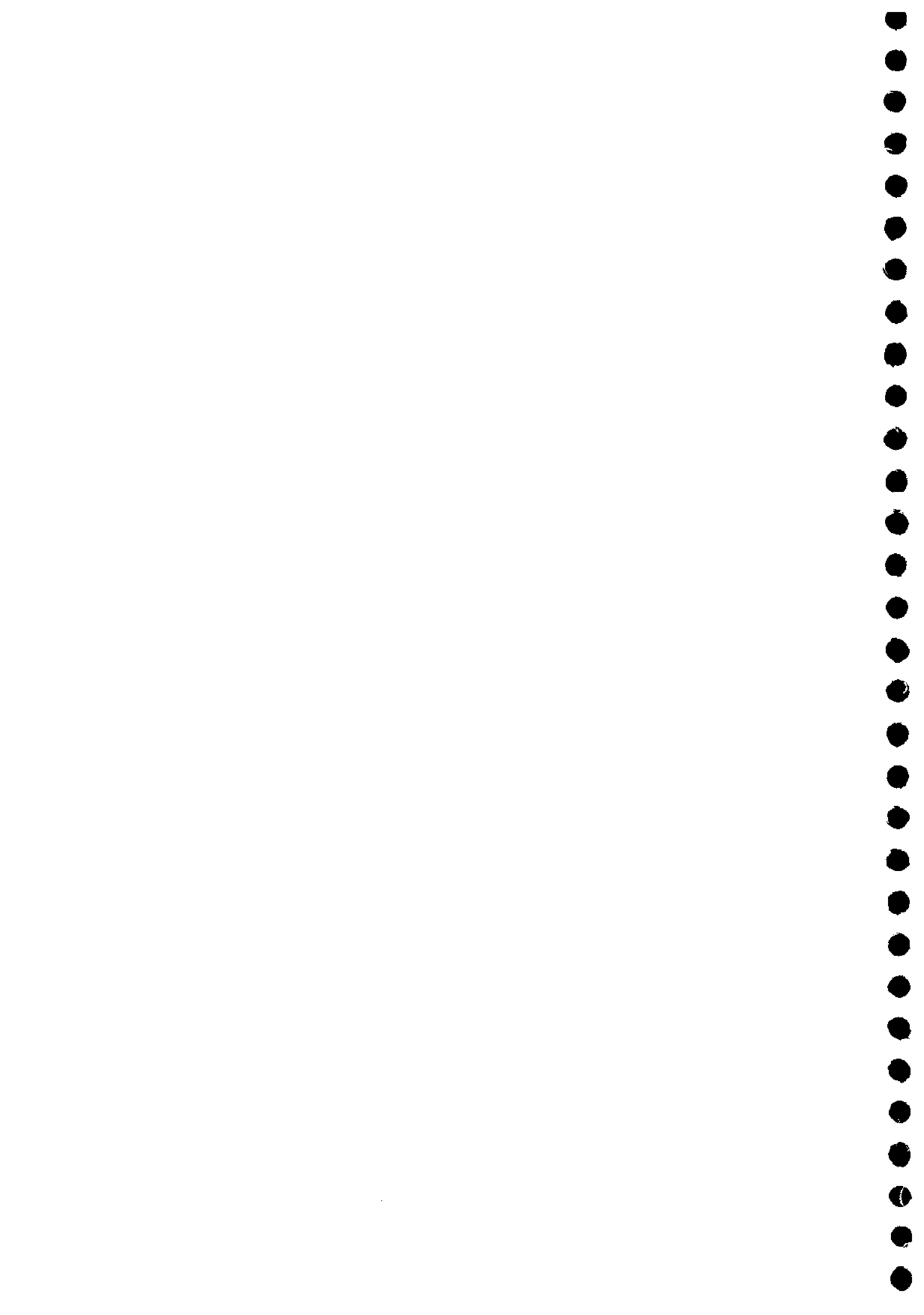
After blasting within 5 minutes dilution of CO and NOx should be less than 50 ppm and 5 ppm respectively.

Quantity of air / person	Not less than 6 cum
Velocity	Not more than 4m/second in working face
	Not more than 8m/second in shafts/inclines with man winding
	Not more than 15m/second in ventilation shaft without man winding

Upto 10m depth of working without much lateral extension of working, natural ventilation shall suffice supplemented by compressed air for clearing of noxious fumes. The proposed mine incline depth is about 150m. Necessary devices will be provided where & when necessity arises during development and subsequent stages.

Beyond the depth of 10m a mechanical ventilators are proposed to be placed in a fan drift close to incline haulage no. IH- 4, 7 & 11.

The axial flow exhaust fan driven by 5Hp motor supplying about 300 cum of air which will be sufficient even where 50 persons are employed underground in any shift. The ventilation circuit & air regulatory devices are shown in Plate No. 7.



- (ix) **EXTENT OF MECHANIZATION** : For conducting of the proposed underground operations the following equipment will be required.

Item No.	Description	No. of Units
01	Diesel/electrically operated compressor (400 cfm/min)	03
02	Jack hammers	06
03	Hoist/Winder (12 HP) with skip	03
04	Mechanical Ventilator (5 Kw/25mm w/o Exhaust fan)	03
05	Pumps (10 HP)	04
06	Tipping tubs (0.5 tonnes capacity)	08
07	Track line	600 m
08	Cap lamps	50 nos
09	G.I. Pipe line	75mm 200m 25mm 100m

4. **MINE DRAINAGE :**

a) **MINIMUM & MAXIMUM DEPTH OF WATER TABLE BASED ON OBSERVATION FROM NEAR BY WELL & WATER BODIES** :

The QL area is almost gently slope towards south and north. Only rain water drains through the slopes during rainy season. A water garland (1mx1m) shall be formed to see that no rainwater comes to the Inclines from higher reaches (Plate No.10). The ground water table around the lease area is about 30m during winter season and 50m during summer. The maximum anticipated vertical depth will be around 25m. So there is no possibility of encountering ground water into even the bottom most underground workings. The water garland around the shaft is constructed by making a trench as shown in Plate No.10 to avoid the runoff water of monsoon entering the underground.

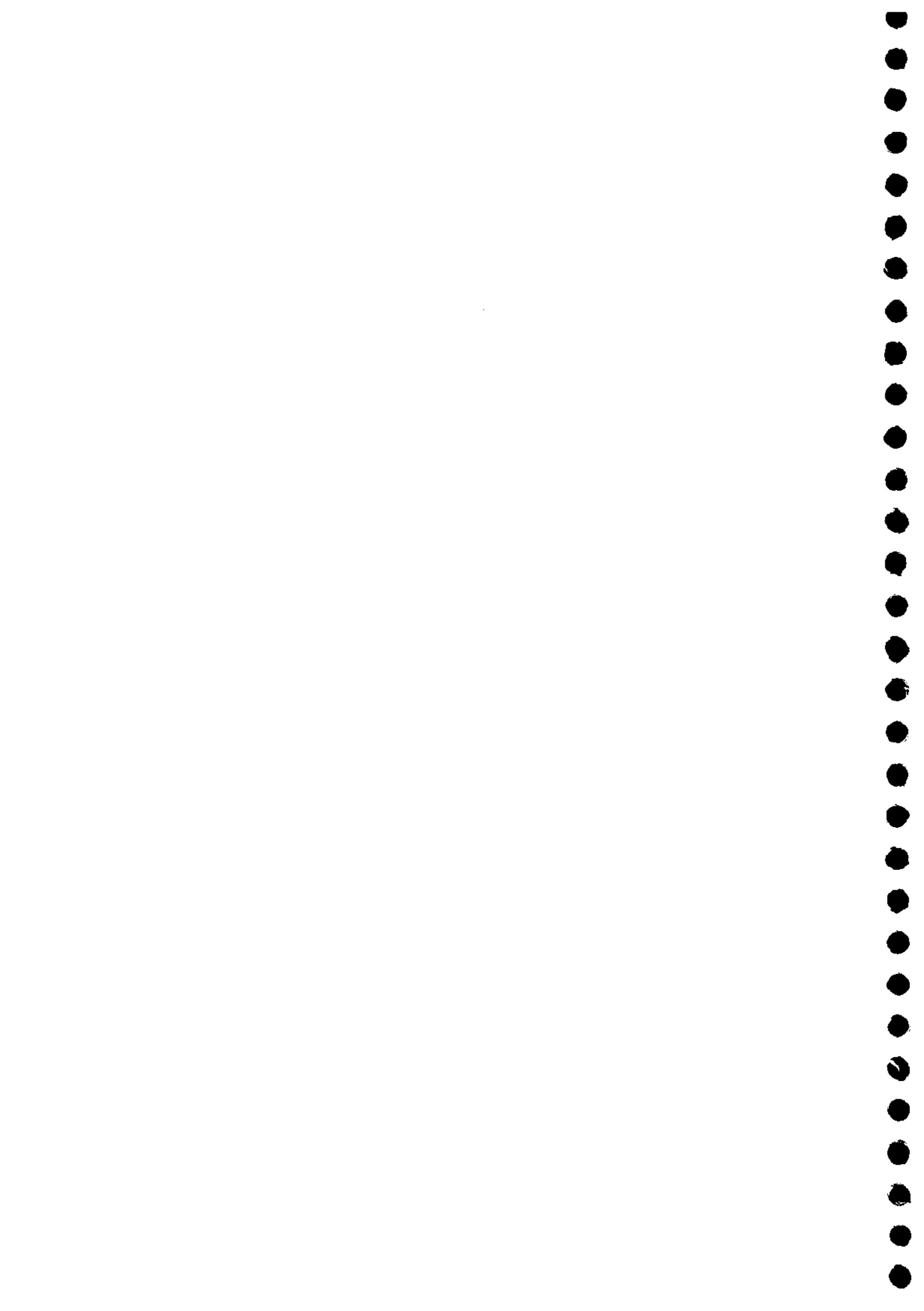
b) **INDICATE MAXIMUM AND MINIMUM DEPTH OF WORKINGS** :

The maximum working RL is 352 m and minimum working RL is 313 m.

c) **QUANTITY AND QUALITY OF WATER LIKELY TO BE ENCOUNTERED, THE PUMPING ARRANGMENTS AND PLACES WHERE THE MINE WATER IS FINALLY PROPOSED TO BE DISCHARGED** :

There is no much water will be accumulated. During rainy season seepage water will be generate at the bottom most levels. Hence it is proposed to pump out all the water accumulated before mining operations carried out by using 2 electrical motors with 10 H.P capacity. Since the country rock is dolomitic limestone and impervious in nature, there will not be much ground water. Only at the contact of dolomitic limestone and phyllite which is fracture zone some ground water will be occurred and at the time of mining the quantity of ground water will be estimated & necessary arrangements will be provided for the dewatering purpose.

d) **REGIONAL AND DRAINAGE PATTERN** : There are no rivers, tanks and other perennial water sources in and around the area.



The surface rain water will flow through this seasonal watercourse during rainy seasons and joins to nalah in adjacent land. Since the proposed working area underground method and out crop in dolomite there will not be any erosion from the surface. The water generated from underground working will be utilized for Plantation and Agricultural purpose. The average rain fall in this area will be highest rain fall 500 mm/annum and lowest rain fall 400 mm/annum.

5. **STOCKING OF MINERAL REJECT/SUB GRADE MATERIAL & DISPOSAL OF WASTE :**

YEAR	DEVELOPMENT
2023-2024	444
2024-2025	444
2025-2026	444
2026-2027	444
2027-2028	444
TOTAL	2220

The waste material that will be generated due to mining is dolomitic lime stone and phyllite. During the 5 year plan period about 2220 tonnes of waste material will be generated. It is proposed to keep the height of the dump upto 6m. The coarse lumps of dolomitic lime stone shall be arranged as a pack wall like structure at dumps slopes bottom in order to avoid rolling down of waste material. For stabilization of this dump grass will be grown over the dumps slope periodically.

SELECTION OF SITE AND HEIGHT AND SPREAD OF STOCKS :

No sub-grade mineral is expected to be generated as all the steatite that will be produced shall be marketable.

6. **USE OF MINERAL & MINERAL REJECT** : The steatite produced from this mine will be sold various industries, Paper Mills Rajahmundry & Pondicherry paper mills Pondicherry & other paper, soaps, detergents, paints, pigments, ceramics and cosmetics industries. The brightness of the steatite required for above industries will be >75%. The analysis report of Steatite shows that the MgO 32.48% to 33.25 %, SiO₂ 58.26% to 59.55 %, Al₂O₃ 0.75 % to 0.81%, Fe₂O₃ 0.60 % to 0.65 % and CaO 0.16 % to 0.19 %, Brightness is 78.55 % to 80.15 % and analysis report of Low grade Steatite MgO 22.38% to 26.15 %, SiO₂ 47.02% to 49.54 %, Al₂O₃ 1.47 % to 1.56%, Fe₂O₃ 0.12 % to 0.76 % and CaO 18.70 % to 20.40 %. Dolomite produced from this mine was very good quality this mineral will be sold to Local steel industries the required grade of the dolomite for the above industries will be Mgo 18 %. The analysis report of Dolomite shows that the and CaO 31.70 % to 32.40 % MgO 19.45% to 20.54 %, SiO₂ 2.98% to 3.58 %, Al₂O₃ 1.08 % to 1.13%, Fe₂O₃ 0.82 % to 0.96 % The analysis report of the Dolomite, Steatite & Low grade Steatite is enclosed vide **Annexure-IX**.



7. **PROCESSING OF ROM AND MINERAL REJECT**

There is no any mechanical and chemical means of mineral beneficiation in this mine.

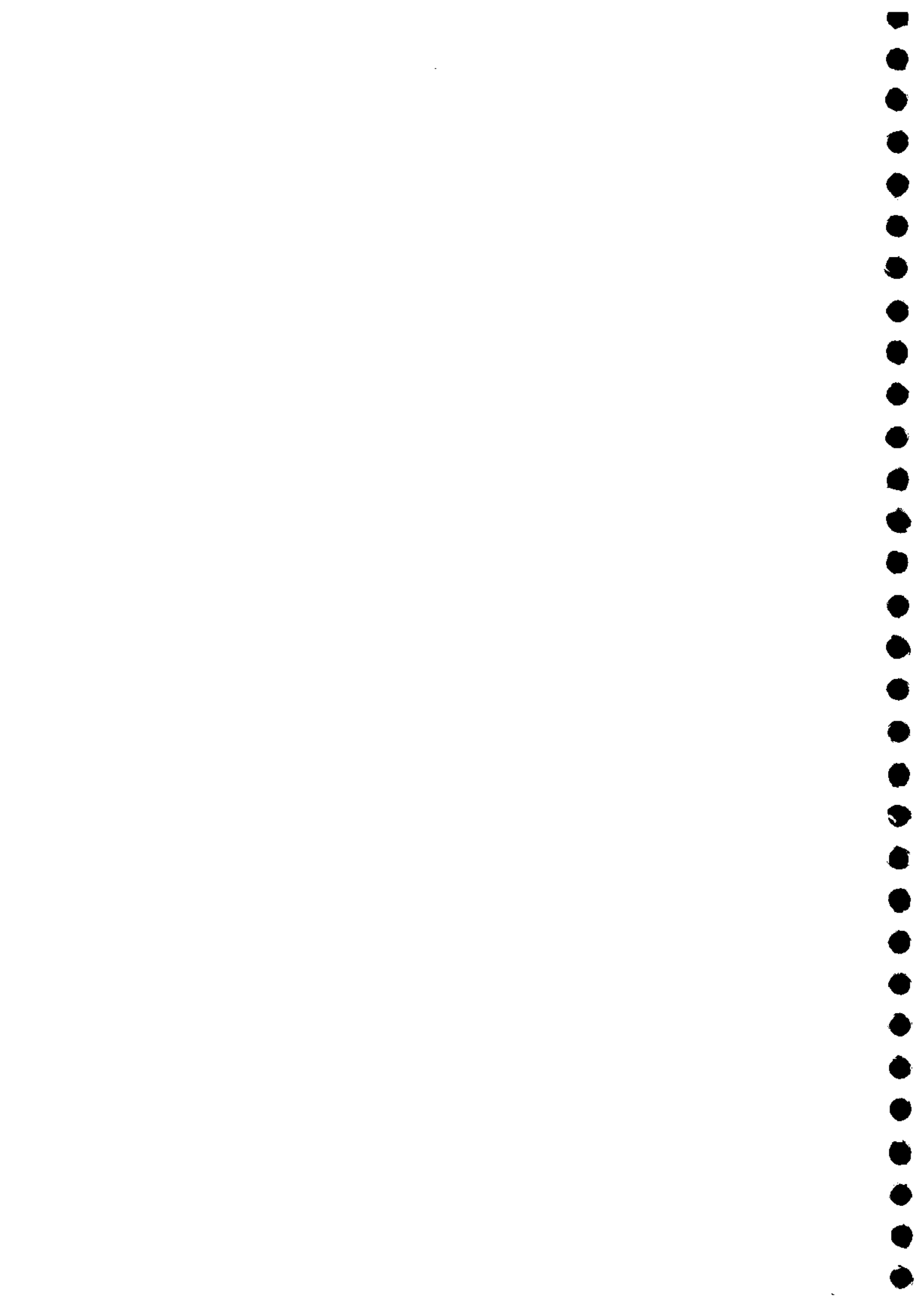
8. **OTHERS :**

(a) **SITE SERVICES** : As at present small office, rest shelter, first aid room and urinal are existing within the lease area.

b) **EMPLOYMENT POTENTIAL :**

Sl. No.	Particulars	Contact Details	Total No's
1	M Sreedhar Reddy Foremen Certificate holder	9989910000	1
2	G.Ahmad Mining Mate Cum Blaster	9398916046	1
3	P.Narasimhulu Mine Supervisor	9177143199	1
4	Semi Skilled		12
5	Un Skilled		30
Total			45

Since the winning of steatite mining involved manual, about 35 workers are employed. A Foreman permit manager, a part time mining engineer & one blaster, compressor operator, driller, helper and record keeper shall be employed to look after the safe conduct of mining operations. Proposed production and development is about 18 t/day taking 300 days/ annum. OMS is expected to be at 0.6 t. So the manpower required= $18/0.6=30$ persons. So 30 workers are sufficient to take care of the production & development. The mine shall work only during general shift between 8a.m to 5 p.m.



PART-B

PROGRESSIVE MINE CLOSURE PLAN :

1. ENVIRONMENTAL BASE LINE INFORMATION :

EXISTING LAND USE PATTERN :

LAND USE PATTERN	
Particulars	Area in Hect
Area for Mining	2.00
Area for Dumping	0.81
Area for Stock yard	0.15
Area for Internal Roads	0.20
Area for Temporary shed/Magazine	0.02
Area for Plantation	0.20
Safety zone	0.67
Total Area	4.05

WATER REGIME : No perennial water source is passing through the area and also no ground water recharge sources like streams or tanks are situated around the lease area. Only rainwater valleys are seen in the area. The underground water table is occurring at 30m depth from the surface.

HUMAN SETTLEMENTS : Within the QL area there are no villages or human settlements. There is no question of any evacuation or resettlement of people elsewhere. Workers come from village which are more than 3.25km away. No colony for workers/staff is envisaged as all of them will come from nearby villages. There is no displacement of any population from the area as no body stays within the area. The location of the villages, and their distance, population and direction shown in Plate No.1

PUBLIC BUILDINGS, PLACES OF WORKSHIP AND MONUMENTS :

There are no public buildings and monuments, places of historic importance within the QL area. There are no parks, wild life, sanctuaries in the vicinity

SANCTUARIES : There are no sanctuary near by the lease hold area.

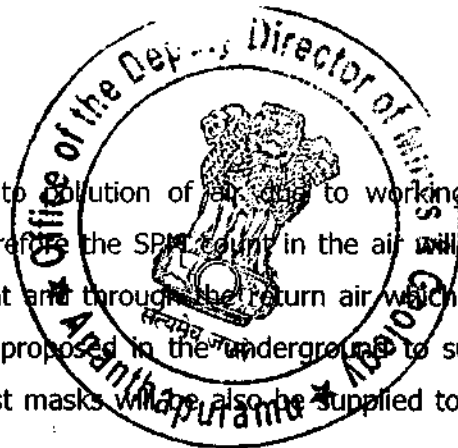
ECO-SENSITIVE AREA ETC : There are no Eco-sensitive areas near by the lease hold area.

2. IMPACT ASSESSMENT :

(a) LAND AREA :

LAND USE PATTERN	
Particulars	Area in Hect
Area for Mining	2.00
Area for Dumping	0.81
Area for Stock yard	0.15
Area for Internal Roads	0.20
Area for Temporary shed/Magazine	0.02
Area for Plantation	0.20
Safety zone	0.67
Total Area	4.05





(b) **AIR QUALITY :**

In general Mining activity contributes to pollution of air due to working of mining equipment transportation, and etc. Therefore the SPH count in the air will increase to some extent due to vehicular movement and through the return air which have some particulate matter. Wet drilling will be proposed in the underground to suppress the dust due to drilling. Apart from this dust masks will also be supplied to the drilling crews.

(c) **WATER QUALITY :** Except a seasonal watercourse in the lease area, there is no perennial river /nallahs or springs are present in the area. Natural valleys drain the rainwater. As water table is at a very low depth there is no water pollution due to discharge of water during monsoon. To check the erosion and prevent silt being carried during monsoon period, a series of gully checks would constructed at regular intervals. Steatite being an inert material, does not contribute any hazardous ingredient to water excepting increase in some turbidity due to suspended solid particles.

(d) **NOISE LEVELS :**

Only Underground mining is proposed. Therefore, the back ground noise levels will be below. The area is away from roads where frequent traffic is encountered. General noise level is expected to be less.

(e) **VIBRATION LEVELS (DUE TO BLASTING) :**

The major cause of vibration is blasting. As the mines being operated at with less machinery and the blasting is also minimum the vibration.

(f) **WATER REGIME :** There are no perennial surface water bodies with-in the lease area. In this deposit, as the mineral does not contain any harmful ingredients that could leach down to the water table hence there is no pollution of ground water.

(g) **ACID MINE DRAINAGE :**

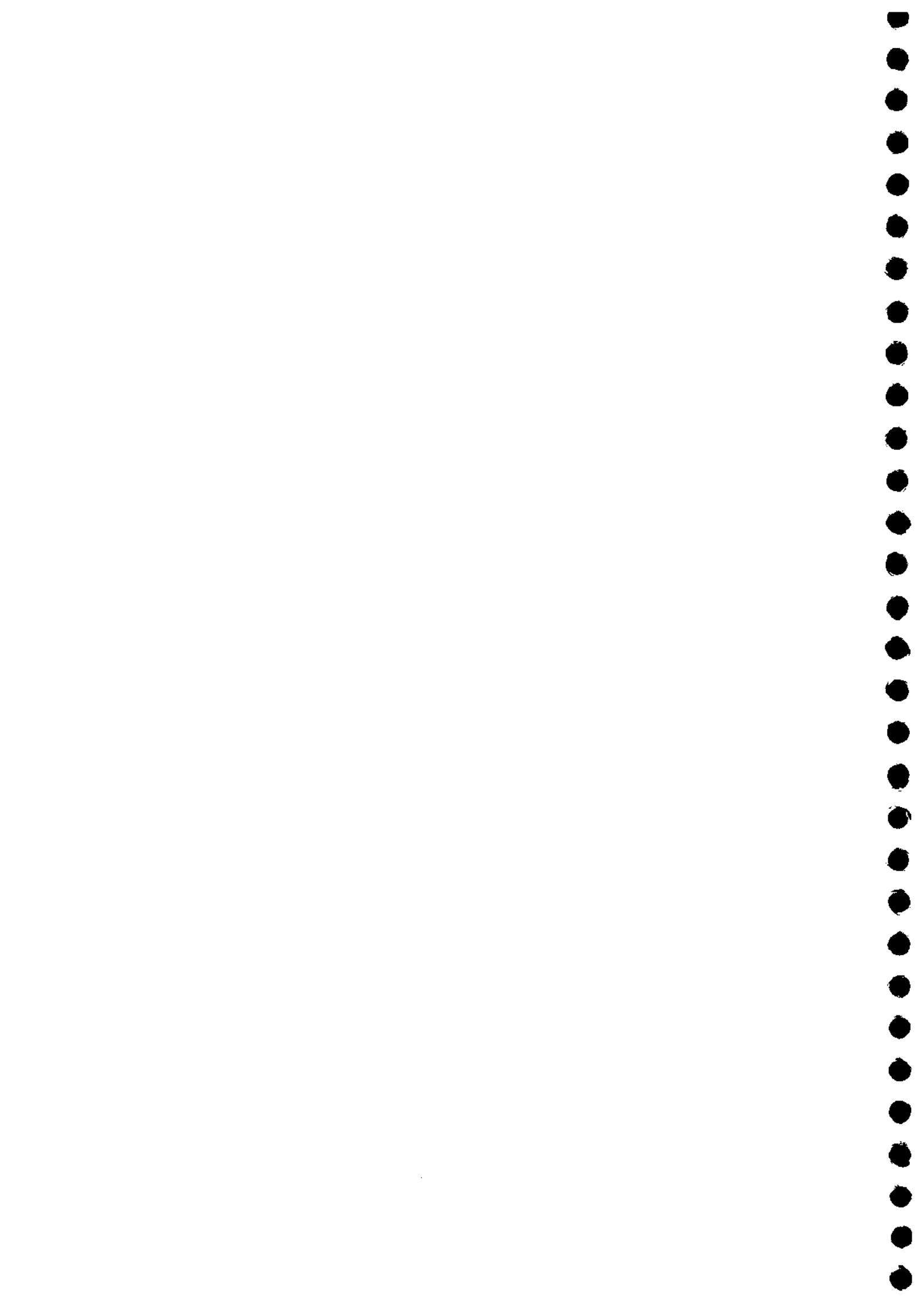
Not applicable

(i) **SURFACE SUBSIDENCE :** As it is small scale underground mine as the foot wall and hang wall was massive dolomitic limestone rock so there no chance for surface subsidence, even though lessee will be provide cog support will be made and appropriate places.

(j) **SOCIO-ECONOMICS :** There are 5 villages falling within 5 km radius with a total population of 4730 people. They all depend upon agriculture. There will be no adverse effect on their socio-economic environment. Besides, mining gives additional income to the labourers.

(k) **HISTROCIAL MONUMENTS ETC :**

There is no historical monument or historic importance places with in the QL area.



- (I) **BIO-DIVERSITY** : The Natural plantation in the QL area is only small bushes with thorny type only. Lease area is covered by Dolomite.

3. **PROGRESSIVE RECLAMATION PLAN** : There will be some shafts and the connected pit top layout disturbing the land on the surface. After the mining through these shafts is over, the shafts shall have permanent walls built around them to protect persons and cattle falling into them. Around these shafts trees shall be planted. The area where initially a waste dump is put shall be reclaimed by backfilling the material into the stoped out areas. The land use details as on date is given below, & the same is shown in Progressive Mine closure Plan. On stabilization afforestation will be done. Proposed construct Parapitwall around the pit.

The proposed Parapitwall and afforestation will be are as follows :

Proposed Parapitwall					Proposed Afforestation	
Year	Length in m	Width in m	Height in m	Location	Plantation in No	Location
2023-2024	50m	1.0m	1.5m	Bottom of the Dump slope side along the QL boundary	200	7.5 m Safety Barrier along the QL Boundary and old dumps
2024-2025	50m	1.0m	1.5m		200	
2025-2026	50m	1.0m	1.5m		200	
2026-2027	50m	1.0m	1.5m		200	
2027-2028	50m	1.0m	1.5m		200	

4. **MINED-OUT LAND** : An effective programme of land restoration will be drawn and implemented to bring back the status to as near the pre-mining conditions as possible.

The salient features are as enumerated below.

A green belt development will be planned meticulously. It is proposed to reclaim all the worked out area by suitable soil conservation and afforestation methods.

This operation is carried out concurrent to mining. The roads shall have avenue trees and thus a green belt developed.

Land degradation will take place by dumping of waste, and the reclamation of this dumping area shall also be included in the programme.

It is always necessary to keep the area under disturbance at any stage to the minimum possible. This can be achieved by ensuring reclamation of the excavated area simultaneously with mining activities by reducing the gap between reclamation and excavation to the minimum.

5. **TOPSOIL MANAGEMENT** : Wherever the topsoil is encountered in the mine it will be selectively removed, stacked separately. It will be used to spread over the 7.5 m buffer area for afforestation or shall be used during regular afforestation programme.
6. **TAILINGS DAM MANAGEMENT** : Not applicable, because in the lease area there are no tailing dams, however the lessee has proposed to construct some check dams outside the lease area.

7. **DISASTER MANAGEMENT & RISK ASSESSMENT**

The complete mining operation will be carried out under direction of qualified mines manager and superior mining personnel, following the directions of Directorate General of Mines Safety (DGMS) and officers of Department of Mines & Geology. Code of practice of different operations will be formulated to maintain of high standard of safety. Work persons have been given vocational training and further the standing will be continued to new entrants.

No high risk accidents are anticipated as the project is an underground mining operation in a fairly stable area free from land subsidence, earthquake etc. No tailing is proposed and there is no associated risk. However, in case of any eventuality the following person will be available for contact

DISASTER MANAGEMENT PLAN BASED ON RISK ASSESSMENT

Duty of any person :

Any person, realizing that anything serious has happened anywhere belowground, shall immediately inform the nearest mining official.

Duty of Mining Official/ Foreman :

Any official, on being informed that a disaster has occurred shall immediately

Verify the veracity of information,

Withdraw all work persons under his charge to the previously designated safe place /shelter.

Duty of Attendance Clerk :

On receiving the information of a disaster he shall immediately

Sound a hooter or siren declaring a state of emergency, send information by all members of the consultative committee available at the mine; and then all key personnel at the mine;

Prepare a statement, showing number and names of persons in different parts of the mine, and send a copy to the operations control room.

Duty of Telephone Operator/Attendant :

On hearing of a disaster from the mine or by emergency hooter, he shall.

Establish the contacts from the mine and collect the details

Send the information, over telephone, to the following in order of priority

All members of the standing consultative committee,

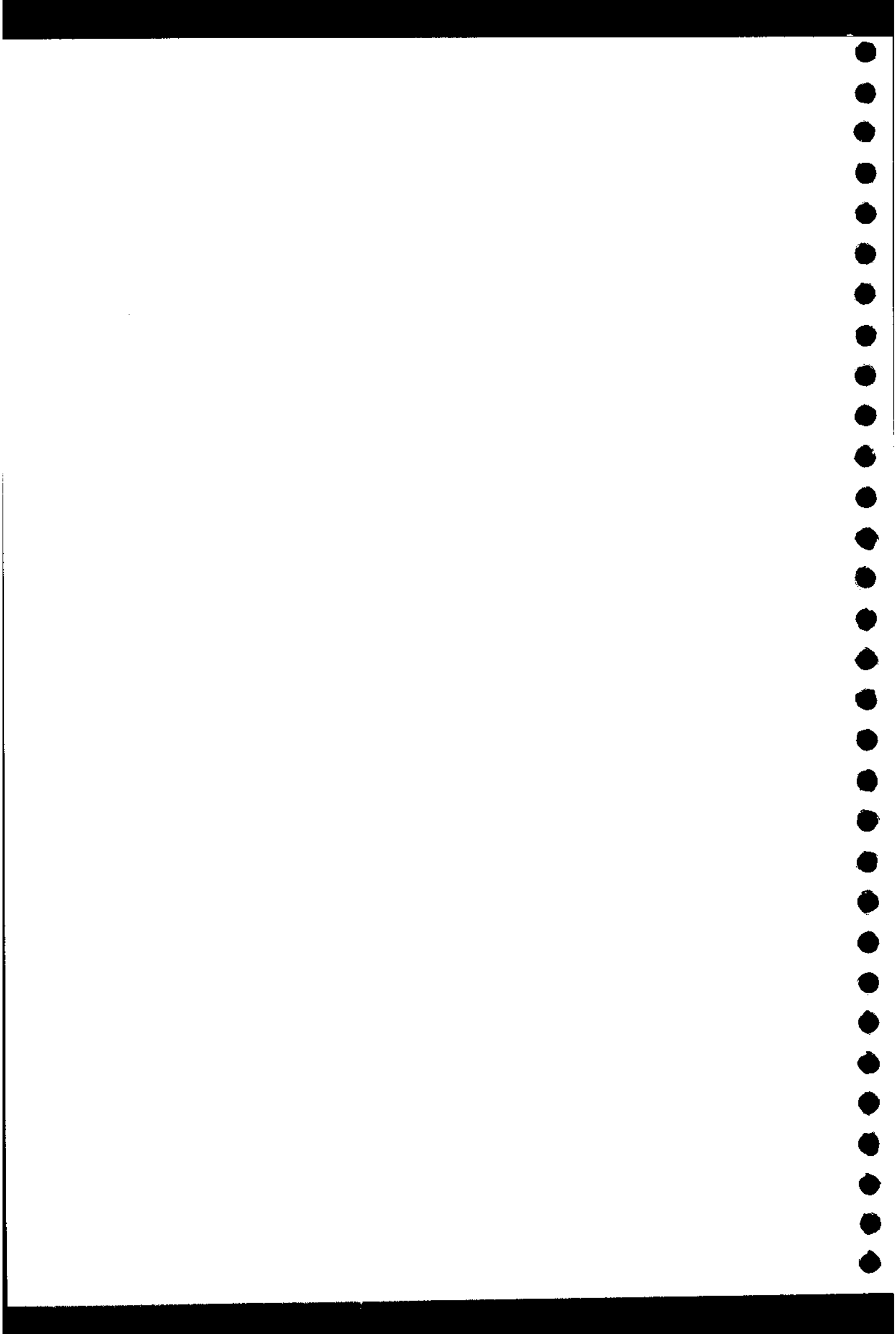
All key personnel stationed at the mine,

All managers of adjoining mines

Duty of Store keeper :

On hearing the emergency siren, he shall immediately

Proceed to the stores,



Check the materials according to the emergency list,
Arrange for procuring additional materials from central stores/other mines, in consultation with the other mine, in consultation with the control room

Duty of Managers of Adjoining Mines :

The manager of adjoining mines shall immediately

Alert key personnel likely to be required and

Proceed to the operations control room

In case of an apprehended danger to their own mine, however, they shall activate their own emergency organization.

Duty of transport Officer:

He shall report to the operations control room

Check on calling out the Rescue Team and First aid men,

Obtain list of men in the pit from the attendance clerk, and give copies to the officer in charge of the Control Room

Duty of Engineer:

The engineer shall:-

Report the control room,

Contact the store Keeper.

Send messengers from the mine to call such workmen and mechanics are required.

Duty of Doctor:

He shall

Report to the control room,

Proceed to the mine forthwith, taking such instruments and drugs as are likely to be useful,

Duty of welfare officer :

He will report the control room and assist in the preparation of the following accommodation

Stretcher casualty station,

Sleeping accommodation

Get a copy of the list of men in the pit from the clerk and make the arrangement of food for all members involving in the rescue and the victims.

Duty of Security Staff :

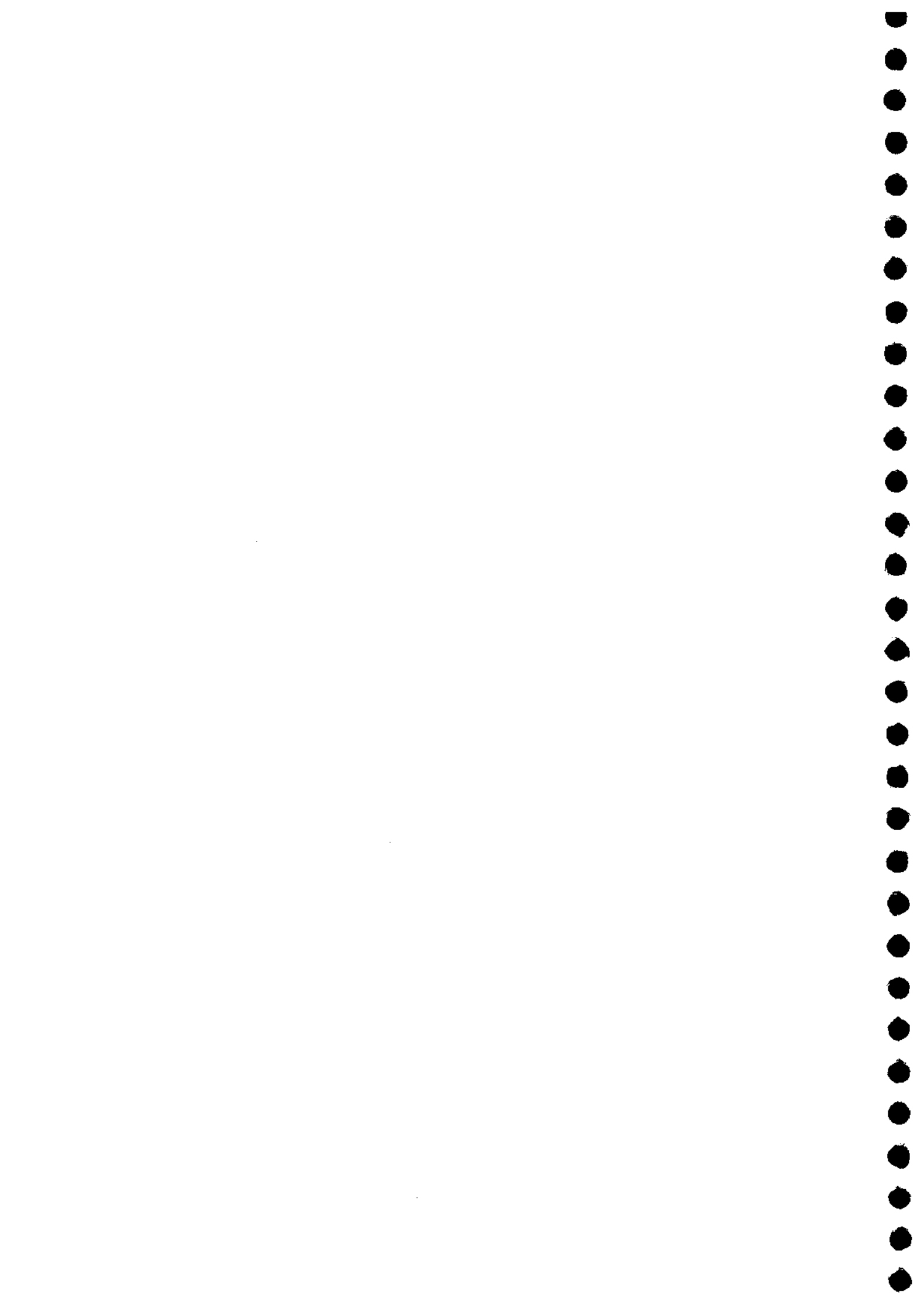
They are to control roads and keep them clear for ambulance and other motor vehicles

While in emergency regarding fire, Hospital, police Stations have to be intimate the following places:

Fire Station: Ananthapuramu (District)

Health center: Ananthapuramu (District)





Hospital: Ananthapuramu (District)

Police station : Peddapappur (Mandal)

The contact person responsible for Disaster Management and Risk Assessment is as follows :

NAME & ADDRESS FOR CORRESPONDENCE

M/S SRI SAI MINERALS,

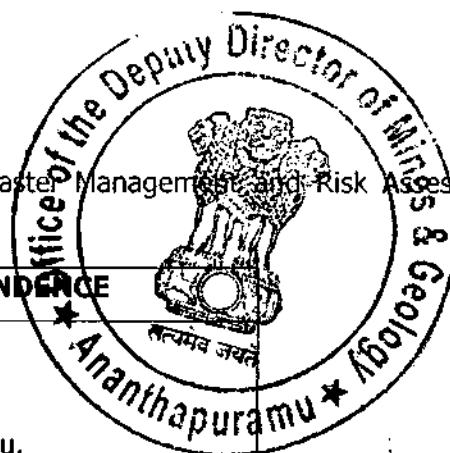
Prop : Sri. Peram Nagi Reddy

H.No. 16/1282-2, Srinivasapuramu,

Tadipatri – 515 411

Ananthapuramu

Mobile No : 9908515133



AMENITIES PROVIDED TO THE EMPLOYEES :

Helmets once in three years as needed under Mines Act.

Safety shoes to all the employees twice a year as per the same statute

Safety goggles and hand gloves to the Drilling operators.

Cap lamps to all the persons working in underground.

Dust mask to all the laboures, and other step to improve safety condition is to include the safety culture among the persons working.

Rest shelter, First Aid room, Urinals, Toilet and Drinking water to laboures.

8. CARE & MAINTENANCE DURING TEMPORARY DISCONTINUANCE :

All the provisions as per the Mines Act 1952 shall be strictly adhered during temporary discontinuous.

ECONOMIC REPERCUSSIONS OF CLOSURE OF MINE & MANPOWER RETRENCHMENTS

This project would be operated by both the permanent and temporary manpower through Contractors. The contractors will engage this manpower in other running projects after the completion of mining operations. However, a suitable compensation package would be drawn out at the end of the mining operations as per the existing laws of the land upon mine closure.



The lessee will take proper Care and Maintenance if any temporary discontinuance of mining operations.

Item	Details	Proposed	Actual	Remarks
Dump management	Area afforested in Ha	0.2 Ha	0.2 Ha	Nil
	No of saplings	200	100	Nil
	Cumulative no of plants	180	50 %	Nil
	Cost including watch & care during the year	Nil	Nil	Nil
Management of worked out benches	Area available for rehabilitation Ha	Nil	Nil	The Steatite & Dolomite mineral is still existing, so there is no reclamation and rehabilitation is proposed.
	Afforestation done ha	Nil	Nil	
	No of saplings plant in the year	Nil	Nil	
	Cumulative no of plants	Nil	Nil	
	Any other method of rehabilitation (specify)	Nil	Nil	
	Cost including watch & care during the year	Nil	Nil	
Reclamation & Rehabilitation by backfilling	Void available for Backfilling (Lx B x D) pit wise/stope wise	Nil	Nil	The Steatite & Dolomite mineral is still existing, so there is no reclamation and rehabilitation is proposed.
	Void filled by waste/tailings	Nil	Nil	
	Afforestation on the backfilled area	Nil	Nil	
	Rehabilitation by making reservoir	Nil	Nil	
	Any other means (specify)	Nil	Nil	
Rehabilitation of waste land within lease	Area available (Ha)	Nil	Nil	The Steatite & Dolomite mineral is still existing, so there is no reclamation and rehabilitation is proposed.
	Area rehabilitated	Nil	Nil	
	Method of rehabilitation	Nil	Nil	

9. **FINANCIAL ASSURANCE :**

The Financial Assurance in Model form "T" for Rs. 50,000/- to the Quarry lease below 5.00 Hect and Rupees ten thousand per Hect or and part thereof for the Quarry lease granted 5.00 Hect as per under rule 7 (A) APMR 1966 and submitting in accordance with Amended G.O.Ms No 53, Industries (M.II) Department, dated 27-02-2019. Total QL area is 4.05 Hect. Bank Guarantee for Rs. 50,000/- will be submit to the Assistant Director Mines & Geology, Tadipatri, and the Same copy will be submit.



10. **INFORMATION INDICATING BREAK UP OF AREAS IN THE MINING LEASE FOR CALCULATION OF FINANCIAL ASSURANCE SHALL BE IN THE FORMAT GIVEN BELOW :**

Sl. No.	Type of land use	Area of land use in ha				Net area considered for calculation of financial assurance figures of column 4 or 5 marked with asterisk (*) minus figures of column 6)
		As at present	As at the end of planned period of 5 years	As at the end of the period (life of mine)	Area considered fully reclaimed & rehabilitated	
1	2	3	4	5	6	7
1	Area of under Mining	2.00	-	2.00	-	2.00
2	Storage for top soil	-	-	-	-	-
3	Waste Dump site	0.81	-	0.81	-	0.81
4	Mineral storage	0.15	-	0.15	-	0.15
5	Infrastructure (work shop, etc)	0.02	-	0.02	-	0.02
6	Roads	0.20	-	0.20	-	0.20
7	Tailing pond	-	-	-	-	-
8	Effluent treatment plant	-	-	-	-	-
9	Mineral separation plant	-	-	-	-	-
10	Others (Plantation)	0.20	-	0.20	-	0.20
11	Others (Safety zone)	0.67	-	0.67	-	0.67
Grand total		4.05 Hect	-	4.05 Hect	-	3.653 Hect


M.RAMA SUBBA REDDY
RQP/DMG/AP/06/2022

For M/s Sri Sai Minerals

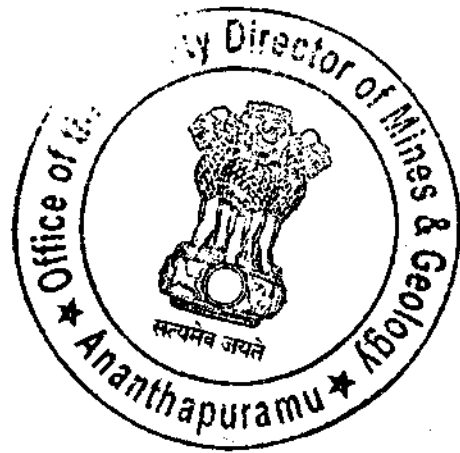

Sri. Peram Nagi Reddy
Proprietor

The Mining Plan is Approved
Subject to the conditions /
Stipulations Indicated in The
Mining Plan Approval Letter
No. 18.73/MP-DRP/2022 Dated... 14/10/2022

APPROVED

G. Papa Rao
Deputy Director of Mines and Geology
Ananthapuramu





ANNEXURES



GOVERNMENT OF ANDHRA PRADESH
PROCEEDINGS OF THE ASST. DIRECTOR OF MINES AND GEOLOGY TADPATRI
(PRESENT: SRI V.S.N. Saini, Asst. Dir. Mines & Geo.)



PROCEEDINGS NO: 852/M2/2003:

Sub: Mines & Minerals - Mining Lease for Steatite and Dolomite, over an extent of 4.05 Hect., in Compartment No: 594/P and 596/P of Mutchukota (R.F.) Pedda Pappur (M), Anantapur (D) for a period of 20 years - Granted to M/s Sri Sai Minerals, Prop: Sri Peram Nagi Reddy - Mining Lease deed executed - Work Order - Issued.

Ref: 1. G.O. Ms. No: 245, Ind&Com. (M. III) Dept., Dt: 23.8.03.
2. This office lr. No. 852/M2/03: Dt: 28.8.03.
3. Letter dated 10-09-2003 from the grantee.

ORDER:

The Government of Andhra Pradesh vide G.O. 1st cited, have granted a Mining Lease for Steatite and Dolomite over an extent of 4.05 Hect., in Compartment No: 594/P and 596/P of Mutchukota R.F., Pedda Pappur (M), Anantapur (D) for a period of 20 years in favour of M/s Sri Sai Minerals, Prop: Sri Peram Nagi Reddy, subject to condition that the applicant shall furnish the Forest clearance for further period of 10 years after expiry of 10 years period.

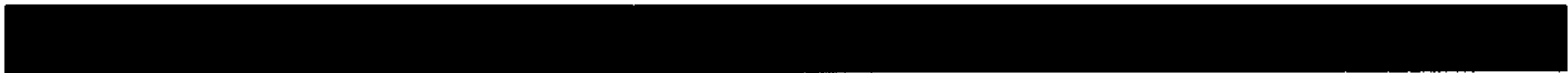
Accordingly, this office vide reference 2nd cited has requested the grantee to attend for execution of the subject mining lease along with required documents within stipulated period under Rule 31(1) of M.C. (Amendment) Rules, 2000.

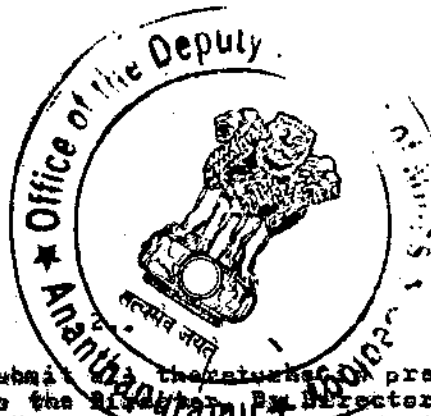
The grantee M/s Sri Sai Minerals, Prop: Sri Peram Nagi Reddy vide reference 3rd cited, while submitted required documents and attended this office for execution of the subject Mining Lease. The Mining Lease deed executed in Form-K on 28th September, 2003 as per Rule 31(1) of M.C. (Amendment) Rules, 2000.

Further this office vide No. 852/M2/03: Dt: 12.9.2003 has requested the Sub-Registrar, Tadpatri to register the subject lease deed Form-K, which is required under Rule 31(2) of M.C. (Amendment) Rules, 2000.

In the light of the circumstances stated above, M/s Sri Sai Minerals, Prop: Sri Peram Nagi Reddy is hereby permitted to commence the Mining operations in Compartment No: 594/P and 596/P of Mutchukota R.F., Pedda Pappur (M), Anantapur (D) over an extent of 4.05 Hect., for Steatite and Dolomite subject to the satisfaction of M.C. (Amendment) Rules 2000 and M.M. (R.D.) Act, 1957 and cond time as stipulated by the Government from time to time and with a condition that the lessee should furnish the Forest Clearance for further period of 10 years after expiry of the 10 years period for which Forest Clearance is accorded.

Sri Peram Nagi Reddy, is hereby instructed to submit the opening notice in Form-G, Monthly returns in Form-F, Annual returns in Form-H, regularly to all the concerned officials and also should maintain the correct accounts, daily production and despatches of the minerals in registers at the mine site. He is also hereby instructed to submit the related information in the prescribed programs as per the Mineral conservation and Development, 1988.





The lessee should submit the prescribed forms from time to time to the Director, Asst. Director of Mines & Geology, Hyderabad, Regional Controller, I.M., Nagpur, Dy. Director of Mines Safety, Hyderabad and the Director of Mines Safety, Hyderabad under section 646 of Indian Mines Act, 1952 (Act XXXV of 1952)

layw w
Asst. Director of Mines & Geology,
Tadpatri.

To

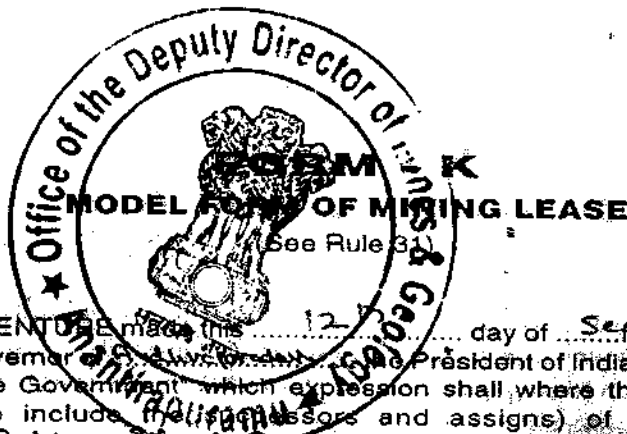
M/s Sri Sai Minerals,
Proprietor, Purna Mudi Reddy,
S/o Sri P. Nayana Reddy,
B. No. 15/191, Water Works Road,
Tadpatri, Anantapur(B)

Copy submitted to

The Secretary, Industries & Commerce (M, III) Dept., Hyderabad along with M. deed through the Director of Mines & Geology, Hyderabad in triplicate for favour of information.
The Asst. Director of Mines & Geology, Kurnool along with M. deed for favour of information.
The Controller, I.M., Nagpur for favour of information.
The Director General of Mines Safety, Dhanbad for favour of information.
The Regional Controller of Mines Safety, Hyderabad for favour of information.
The Dy. Director of Mines Safety, Ballari for favour of information.
The District Collector, Anantapur for favour of information.
The District Forest Officer, Anantapur for favour of information.
Copy to the Mandal Revenue Officer, Pedda Pappur along with sketch for information.



ANNEXURE - II



56



This INDENTURE made this 12th day of Sep of 2002 (12-09-03) between the governor of Andhra Pradesh (hereinafter referred to as the "State Government" which expression shall where the context so admits be deemed to include the successors and assigns) of the one part; and Sri Sai Minerals, Prop. to Sri Sai Minerals, Dr. No. 15591, Water works Road, Tadipatri

WHEN THE LESSEE IS AN INDIVIDUAL :

..... (Name of person with address and occupation) (Hereinafter referred to as "the lessee" which expression shall where the context so admits be deemed to include his respective heirs executors, administrators, representatives and permitted assigns).

WHEN THE LESSEE ARE MORE THAN ONE INDIVIDUAL :

..... (Name of person with address and occupation) and (Name of person with address and Occupation) be deemed to include his respective heirs, executors, administrators, representatives and their permitted assigns.

WHEN THE LESSEE IS A REGISTERED FIRM :

..... (Name and address of partner), son of of S/o of all carrying on business in partnership under the firm name and style of (Name of the firm). Registered under the Indian Partnership Act, 1932 (9 of 1932) and having their registered office at in the town of (hereinafter referred to as "the licensee" which expression where the context so admits be deemed to include all the said partners their respective heirs executors, legal representatives and permitted assigns.)

WHEN THE LESSEE IS A REGISTERED COMPANY :

..... (Name of company) a company registered under (Act under which Incorporation) and having its registered office at (Address) (hereinafter referred to as the lessee which expression shall where the context so admits be deemed to include its successors and permitted assigns) of the other part.

Whereas the lessee/lessees has/have applied to the State Government in accordance with the Mineral Concession Rules, 1960 (hereinafter referred to as the said rules) for a mining lease for State & Private in respect of the lands described in part I of the Schedule hereunder written and has/have deposited with the State Government the sum of Rs. 10,00,000/- as security and the sum of Rs. for meeting the preliminary expenses for a mining lease (and whereas the Central Government has approved the grant to the lease). * No. MII-152 (57)/61, Dt. 15-10-63).

For: Sri Sai Minerals

Proprietor

Assistant Director of Mines & Geology
Government of Andhra Pradesh
TADIPATRI.

Witneseth that in consideration of the rents and royalties contained in and agreements by and in these presents and the schedule hereunder written, the said Government (with the approval of the Central Government) hereby grants and conveys unto lessee/lessees.

All those the mines beds veins seams of Andhra Pradesh (here state the mineral or minerals) (hereinafter and in the schedule referred to as the said minerals) situated, lying and being in or under the lands which are referred to in the said schedule, together with the liberties, powers and privileges to be exercised or enjoyed in connection herewith which are mentioned in Part III of the said Schedule subject to the restrictions and conditions as to the exercise and enjoy unit of such liberties powers and privileges which are mentioned in Part - III of the said schedule except and reserving out of this demise unto the State Government the liberties, powers and privileges mentioned in Part IV of the said schedule TO HOLD the premises hereby granted and demise unto lessee/lessees from the 1st day of March 2003 for the term of 20 years thenca ensuing yielding and paying therefor unto the State Government the several rents and royalties mentioned in Part V of the said Schedule at the respective times therein specified subject to the provisions contained in Part VI of the said Schedule and the lessee/lessees hereby covenant/convenants with the State Government hereby covenants with the lessee/lessees as in Part VIII of the said schedule as expressed and it is hereby mutually agreed between the parties hereto as in Part IX of the said Schedule is expressed.

In witness whereof these presents have been executed in manner hereunder appearing the day and year 1st above written.

PART - I

The area of this lease

LOCATION AND AREA OF THE LEASE :

All that tract of lands situated at Madanabada (Description of area or areas), Madanabada in (Pargana) In Godly Range the Registration District Sub-District and Thane bearing Cadastral Survey Nos. 551 & 552 containing an area of or thereabouts delineated on the plan hereto annexed and thereon coloured and bounded as follows:

On the North by

On the South by

On the East by

And

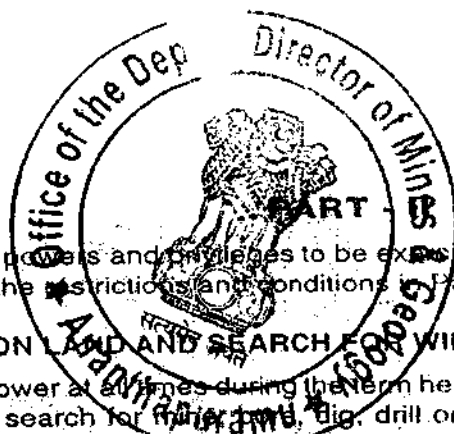
On the West by

hereinafter referred to as "the said lands".

Asst. Dir. of Mines & Geology
Government of Andhra Pradesh
TADIPATRI.

For: Sri Sai Minerals

[Signature]



Liberties, powers and privileges to be exercised and enjoyed by the lessee/lessees subject to the restrictions and conditions in Part-III.

TO ENTER UPON LAND AND SEARCH FOR MIN, WORK ETC :

1. Liberty and power at all times during the term hereby demised to enter upon the said lands and to search for ~~minerals~~, dig, drill or win work-dress, process, convert, carry away and dispose of the said mineral/minerals.

TO SINK, DRIVE AND MAKE PITS SHAFTS AND INCLINES ETC :

2. Liberty and power for or in connection with any of the purposes mentioned in this part to sink, drive, make maintain and use in the said lands any pits shafts inclines drifts, levels, water-ways, air-ways and other works (and to use maintain deepen or extend any existing works of the like nature in the said lands.)

TO BRING TO USE MACHINERY EQUIPMENTS ETC :

3. Liberty and power for or in connection with any of the purposes mentioned in this part to erect, construct, maintain and use on or under the said lands any engines, machinery, plant, dressing floors, fumaces, coke ovens, brick-kilns, workshops, store-houses, bungalows, godowns, sheds and other buildings and other works and conveniences of the like nature on or under the said lands.

TO MAKE ROADS AND WAY ETC., AND USE EXISTING ROADS AND WAYS :

4. Liberty and power for or in connection with any of the purposes mentioned in this part to make any tramways, railways, roads, aircraft landing grounds and other ways in or over the said lands and to use maintain and go and repass with or without horses, cattle, Wagons, Air crafts locomotive or other vehicles over the same (or any existing tramways, railways roads and other ways in or over the said lands) on such conditions as may be agreed to.

TO GET BUILDING AND ROAD MATERIAL ETC. :

5. Liberty and power for or in connection with any of the purpose mentioned in this part to quarry and get stone gravel and other building and road material and clay and to use and employ the same and to manufacture such clay into bricks or tiles and to use such bricks or tiles but to sell any such material bricks or tiles.

TO USE WATER FROM STREAMS ETC. :

6. Liberty and power for or in connection with any of the purpose mentioned in this part but subject to the right of any existing or future lessees and with the written permission of Deputy Commissioner/Collector to appropriate and use water from any streams, water-courses-springs or other sources in or upon the said lands and to divert, step up or dam any such stream or water course and collect or impound any such water and to make construct and maintain any water-course, culverts, drains or reservoirs but not as to deprive any cultivated lands, villages, buildings or watering places for livestock of a reasonable supply of water as before accustomed nor in any way to foul or pollute any streams or springs : Provided that the lessee/lessees shall not interfere with navigation in any navigable stream nor shall divert such stream without the previous written permission of the State Government.

For: Sri Sai Minerals

[Signature]
Proprietor

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Assistant Director of Mines & Geology
Government of Andhra Pradesh
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TO USE LAND FOR STACKING, HEAPING, DEPOSITING PURPOSES :

7. Liberty and power to enter upon and use sufficient part of the surface of such lands for the purpose of stacking, heaping, storing or depositing therein any produce of the mines or works carried on and any tools, equipment, waste and materials and substances dug or raised under the liberties and powers mentioned in this part.

BENEFICIATION AND COVERING AWAY OF PRODUCTION :

- 8.(a) Liberty and power to enter upon and use sufficient part of the said lands to beneficiate any ore produced from the said lands and to carry away such beneficiated ore.

TO MAKE COKE (TO USED IN CASE OF COAL ONLY) :

- 8.(b) Liberty and power upon the said lands to convert coke any coal or coal dust produced from the said lands and to carry away such coke.

TO CLEAR BRUSHWOOD AND TO FELL AND UTILISE TREES, ETC :

9. Liberty and power for or in connection with any of the purposes mentioned in this part and subject to the existing rights of others and save as provided in clause 3 of the Part-III of this Schedule to clear under-growth and brushwood and to fell and utilise any trees or timber standing or found on the said lands provided that the State Government may ask the lessee/lessees to pay any trees to timber felled and utilised, by him/them at the rates specified by the Deputy Commissioner/Collector or the State Government.

PART - III

Restrictions and conditions as to the exercise of the liberties, powers and privileges in Part - II

NO BUILDING ETC. UPON CERTAIN PLACES :

1. No building or thing shall be erected, set up or placed no surface operations shall be carried on, in or upon any public pleasure ground, burning or burial ground or place held sacred by any class of persons or any house or village site, public road or other place which the State Government may determine as public ground nor in such a manner as to injure or prejudicially effect any buildings works property or rights of other persons and no land shall be used for surface operation which is already occupied by persons other than the State Government for works or purposes not included in this lease. The lessee/lessees shall not also interfere with any road or way, well or tank.

PERMISSION FOR SURFACE OPERATIONS IN A LAND NOT ALREADY IN USE :

2. Before using surface operations any land which has not already been used for such operations, the lessee/lessees shall give to Deputy Commissioner/Collector of the District two calendar months previous notice in writing specifying the name or other description of the situation and the extent of the land proposed to be so used and the purpose for which the same is required and the said land shall not be so used if objection is issued by the Deputy Commissioner/Collector within two months after the receipt by him of such notice unless the objections so stated shall on reference of the State Government be annulled or waived

For: Sri Sai Minerals

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Proprietor

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Assistant Director of Mines & G
Government of Andhra Pradesh
TADIPATRI

TO CUT TREES IN UNRESERVED LANDS :

3. The lessee/lessees shall not without the express sanction of the Deputy Commissioner/Collector cut down or injure any timber or trees on the said lands but may without such sanction clear away any brushwood or undergrowth which interferes with any operations authorised by the State Government. The Deputy Commissioner/Collector or the State Government may require the lessee/lessees to pay for any trees or timber felled and utilised by him/her at the rates specified by the Deputy Commissioner/Collector of the District.

TO ENTER UPON RESERVED FORESTS :

4. Notwithstanding anything in this Schedule contained, the lessee/lessees shall not enter upon any reserved forest included in the said lands without previous sanction in writing of the District Forest Officer nor fell cut and use any timber or trees without obtaining the sanction in writing of that Officer nor otherwise than in accordance with such conditions as the State Government may prescribe.

NO MINING OPERATIONS WITHIN 50 METERS OF PUBLIC WORKS, ETC. :

5. The lessee/lessees shall not work or carry on or allow to be worked or carried on any mining operations at or to any point within a distance of 50 meters from any railway line except with the previous written permission of the Railway Administration concerned or under or beneath any ropeway or any ropeway trestle or station, except under and in accordance with the written permission of the authority owning the ropeway or from any reservoir, canal or other public works such as public roads and buildings or inhabited site except with the previous written permission of the Deputy Commissioner/Collector or any other Officer authorised by the State Government in this behalf and otherwise than in accordance with such instructions, restrictive and conditions either general, or special which may be attached to such permission. The said distance of 50 meters shall be measured in the case of railway reservoir or canal horizontally from the outer toe of the bank or the outer edge of the cutting as the case may be and in case of building horizontally from the plinth thereof. In the case of village roads no working shall be carried with the previous permission of the Deputy Commissioner/Collector or any other officer duly authorised by the State Government in this behalf and otherwise than in accordance with such directions, restrictions and additions, either general or special, which may be attached to such permission. (No. 1 (51)/65-MII, dt. 26-2-69).

EXPLANATION : For the purposes of this clause, the expression "Railway Administration" shall have the same meaning as it is defined to have in the Indian railway act, 1890 by clause (6) of section 3 of that Act. "Public Road" shall mean a road which has been constructed by artificially surfaced as distinct from a track resulting from repeated use. Village road will include any track shown in the Revenue record as village road.

FACILITIES FOR ADJOINING GOVERNMENT LICENCES AND LEASES :

6. The lessee/lessees shall allow existing and future holders of Government licences or leases over any land which is comprised in or adjoins or is reached by the land held by the lessee/lessees reasonable facilities of access thereto :

For and on behalf of the Government

[Signature]
Proprietor

[Signature]
Assistant Director of Mines & Geology
Government of Andhra Pradesh
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Provided that no substantial hindrance or interference shall be caused by such holders of licences or leases to the operations of the lessee/lessees under these presents and fair compensation (as may be mutually agreed upon or in the event of disagreement, as may be, decided by the State Government) shall be made to the lessee/lessees for loss or damage sustained by the lessee/lessees by reason of exercise of this liberty.

PART - IV

Liberties, power and privileges reserved to the State Government

TO WORK OTHER MINERALS :

1. Liberty and power for the State Government or to any lessee or persons authorised by it in that behalf to enter into and upon the said lands and to search for, win, work, dig, get, raise, dress, process, convert and carry away minerals other than the said minerals and any other substances and for those purposes to sink, drive, make erect, construct, maintain and use such pits shafts, inclines, drifts, levels and other lines waterways, airways, water courses, drains, reservoirs, engine, machinery plant, building canals, tramways, railways roadways and other works and conveniences as may be deemed necessary or convenient :

Provided that in the exercise of such liberty and power no substantial hindrance or interference shall be caused to or with the liberties, powers and privileges of the lessee/lessees under these presents and that fair compensation (as may be mutually agreed upon or in the event of disagreement as may be, decided by the State Government) shall be made to the lessee/lessees for all loss or damage sustained by the lessee/lessees by reason or in consequence of the exercise of such liberty and power.

TO MAKE RAILWAY AND ROADS :

2. Liberty and power for the State Government or any lessee or person authorised by it in that behalf to enter into and upon the said lands and to make upon over or through the same any railways, tramways, roadways, or pipelines for any purpose other than those mentioned in Part-II of the presents and to get from the said lands, stones, gravel, earth and other materials, for making, maintaining and repairing such railways, tramways and roads or any existing railways roads and to go and to pass at all times with or without horses, cattle or other animals, carts, wagons, carriages, locomotives, or other vehicles over or along any such railways road lines and other ways for all purposes and as occasions may require provided that in the exercise of such liberty and power by such other lessee or person no substantial hindrance or interference shall be caused to or with the liberties powers and privileges of the lessee/lessees under these presents, and that fair compensation as may be mutually agreed upon or in the event of disagreement as may be decided by the State Government shall be made to the lessee/lessees for all loss or damage substantial hindrance or interference shall be caused or our with the exercise by such lessee or person of such liberty and power.

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Assistant Director of Mines & Geology
Government of Andhra Pradesh
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PART V

Rents and royalties reserved by this lease

TO PAY DEAD RENT OR ROYALTY WHICHEVER IS HIGHER.

1. The lessee shall pay for every year, except the first year of the lease, dead rent as specified in clause 2 of this Part.

Provided that where the holder of such mining lease becomes liable under Section 9 of the Act, to pay royalty for any mineral removed or consumed by him or by his agent manager, employee, contractor, sub-lessee from the leased area, he shall be liable to pay either such royalty or the dead rent in respect of the area, whichever is higher.

RATE AND MODE OF PAYMENT OF DEAD RENT :

2. Subject to the provisions of clause 1 of this Part, during the subsistence of the lease, the lessee/lessees shall pay to the State Government annual dead rent for the lands demised and described in Part-I of this Schedule the rate for the time being specified in the Third Schedule to the Act, in such manner, as may be, specified in this behalf by the State Government.

(Govt. Memo. No. 1997/MI/74-1, dated 5-6-74, published in Part I, Rules supplement to A.P. Gazette, dated 4-7-74.)

RATE AND MODE OF PAYMENT OF ROYALTY :

3. Subject to the provision of clause 1 of this Part, the lessee/lessees shall during the subsistence of this lease pay to the State Government may prescribe royalty in respect of any mineral/minerals removed by him/them from the leased area at the rate for the time being specified in the Second Schedule to the Mines and Minerals (Regulation and Development) Act, 1957.

PAYMENT OF SURFACE RENT, AND WATER RATE :

4. The lessee/lessees shall pay rent and water rate to the State Government in respect of all parts of the surface of the said land which shall from time to time be occupied or used by the lessee/lessees under the authority of these presents at the rate of Rs. *4 Bixes per hectare* and Rs. *one rupee per hectare* respectively per annum per hectare of the area so occupied or used and so in proportion for any area less than a hectare of the area so occupied or used and so in proportion for any area less than a hectare during the period from the commencement of such occupation or use until the area shall cease to be so occupied or used and shall as far as possible restore the surface land so used to its original condition. Surface rent and water rate shall be paid as herein before detailed in clause 2. Provided that no such rent/water rate shall be payable in respect of the occupation and use of the area comprised in the roads or ways to which the public have full right of access.

Assistant Director of Mines & Geology
Government of Andhra Pradesh
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PART - VI

Provisions relating to the rents and royalties

RENT AND ROYALTIES TO BE FREE FROM DEDUCTION ETC :

1. The rent, water rate and royalties mentioned in Part V of this schedule shall be paid free from any deductions to the State Government at Rs. and in such manner as the State Government may prescribe provided always and it is hereby agreed that Rs. the balance standing to the credit of the lessee/lessees on account of the deposit made by him/them as a licensee/licensees over an area which included the said lands shall be retained and accepted by the State Government in satisfaction of the rents and royalties mentioned in Part V until they reach that amount.

MODE OF COMPUTATION OF ROYALTY :

2. For the purpose of computing the said royalties the lessee/lessees shall keep a correct account of the mineral/minerals produced and despatched. The accounts as well as the weight of the mineral/minerals in stock or in the process of export may be checked by an officer authorised by the Central or State Government.

Here specify the mode of arriving at sale price/prices at pits mouth of mineral/minerals:

COURSE OF ACTION IF RENTS AND ROYALTIES ARE NOT PAID IN TIME :

3. Should any rent, royalty or other sums due to the State Government under the terms and conditions of these presents be not paid by the lessee/lessees within the prescribed time, the same may be recovered together with simple interest due thereon at the rate of (twenty four per cent) per annum on a certificate of such officer as may be specified by the State Government by general or special order in the same manner as an arrear of land revenue.

PART - VII

The covenants of the Lessee/Lessees

LESSEES TO PAY RENTS AND ROYALTIES, TAXES ETC :

1. The lessee/lessees shall pay the rent, water rate and royalties reserved by this lease at such times and in the manner provided in Parts V & VI of these presents and shall also pay and discharged, all taxes, rates, assessments and impositions whatsoever being in the nature of public demands which shall from time to time be charged assessed or imposed by the authority of the Central and State Governments upon or in respect of the premises and works the lessee/lessees in common with other premises and works of a like nature except demands for land revenues.

TO MAINTAIN AND KEEP BOUNDARY MARKS IN GOOD ORDER :

2. The lessee/lessees shall at his/their own expense erect and at all times maintain and keep in repair boundary marks and pillars according to the demarcation to be shown in the plan annexed to this lease. Such marks and pillars shall be sufficiently clear of the shrubs and other obstructions as to allow easy identification.

For: ERI Sol Minerals

[Signature]
President

[Signature]
Assistant Director of Geology
Government of Andhra Pradesh
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TO COMMENCE OPERATIONS WITHIN A YEAR AND WORK IN A WORKMAN LIKE MANNER :

3. (x x x) The lessee/lessees shall commence operation within one year from the date of execution of the lease and thereafter to all time during the continuance of this lease search for, in work and develop the said minerals without voluntary intermission in a skillful and workmanlike manner and as prescribed under clause 12 hereinafter without doing or permitting to be done any unnecessary or avoidable damage to the surface of the said lands or the crops, buildings, structures or other property thereon. For the purposes of this clause operations shall include the erection of machinery laying of a main way or construction of a road to connection with the mine.

TO INDEMNIFY GOVERNMENT AGAINST ALL CLAIMS :

4. The lessee/lessees shall make any pay such reasonable satisfaction and compensation, as may be, assessed by lawful authority in accordance with the law in force on the subject for all damage, injury or disturbance which may be done by him/them in exercise of the powers granted by this lease and shall identify and keep indemnified fully and completely the State Government against all claims which may be made by any person/persons in respect of any such damage injury or disturbance and all costs and expenses in connection therewith.

TO SECURE AND KEEP IN GOOD CONDITION PITS SHAFTS, ETC :

5. The lessee/lessees shall during the subsistence of this lease well and sufficiently secure and keep open with timber or other durable means all pits shafts and workings that may be made or used in the said lands and make and maintain sufficient fences to the satisfaction of the State Government round every such pit shaft or working whether the same is abandoned or not and shall during the same period keep all working in the said lands except such, as may be, abandoned accessible free from water and foul air as possible.

TO STRENGTHEN AND SUPPORT THE MINE TO NECESSARY EXTENT :

6. The lessee/lessees shall strengthen and support to the satisfaction of the Railway administration Concerned or the State Government, as the case may be, any part of the mine which in its opinion requires such strengthening or support for the safety of any railway, reservoir, canal, road and any other public works or structures.

TO ALLOW INSPECTION OF WORKINGS :

7. The lessee/lessees shall allow any officer authorised by the Central Government or the State Government in that behalf to enter upon the premises including any building excavation or land comprised in the lease for the purpose of inspecting examining surveying, (prospecting) and making plans thereof, sampling and collecting a data and the lessee/lessees shall with proper person employed by the lessee/lessees and acquainted with the mines and work effectually assisted the officer, agents, servants and workmen in conducting every such section and shall afford them all facilities, information connected with them the working of the mines which they may reasonably require and also shall and will confirm to and observe all orders and regulations which the Central and State Governments as the result of such inspection or otherwise may, from time to time, deem fit to impose.

For: Sri Sai Minerals

[Signature]
Proprietor

[Signature]
Assistant Director of Mines & Geology
Government of Andhra Pradesh

TADIPATRI

TO REPORT ACCIDENT :

8. The lessee/lessees shall without delay send to the Deputy Commissioner/Collector a report of any accident causing death or serious bodily injury or serious injury to property or serious affecting or endangering life or property which may occur in the course of the operations under this lease.

TO REPORT DISCOVERY OF OTHER MINERALS

9. The lessee/lessees shall report to the State Government the discovery in the leased area of any mineral not specified in the lease, within sixty days of such discovery along with full particulars of the nature and position of each such find. If any mineral not specified in the lease is discovered in the leased area, the lessee/lessees shall not win and dispose of such mineral unless such mineral is included in the lease or a separate lease is obtained therefore.

TO KEEP RECORDS AND ACCOUNTS REGARDING PRODUCTION AND EMPLOYEES ETC :

10. The lessee/lessees shall at all time during the said term keep or cause to be kept at an office to be situated upon or near the said lands correct and intelligible books of accounts which shall contain accurate entries showing, from time to time
1. Quantity and quality of the said mineral/minerals realised from the said lands.
 2. Quantity of the various qualities of ores beneficiated or converted (for example coal converted into coke)
 3. Quantities of the various qualities of the said mineral/minerals sold and exported separately.
 4. Quantities of the various qualities of the said mineral/minerals otherwise disposed of and the manner and purpose of such disposal.
 5. The prices and all other particulars of all sales of said mineral/minerals.
 6. The number of persons employed in the mines or works or upon the said lands specifying nationality, qualifications and pay of the technical personnel.
 7. Such other facts, particulars and circumstances as the Central or the State Government may from time to time require and shall also furnish free of charge to such officers and at such times as the Central and State Government may point out and correct abstract of all or any such books of accounts and information and returns to all or any of the matters aforesaid as the State Government may prescribe and shall at all reasonable times allow such officers as the Central or State Government shall in that behalf appoint to enter into and have free access the said officers for the purpose of examining and inspecting the said books of accounts, plans and records and to make copies thereof and make extracts therefrom.

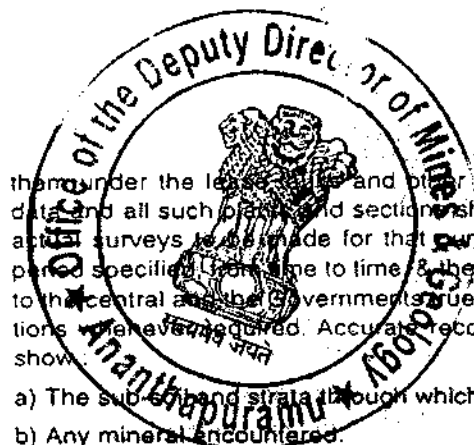
TO MAINTAIN PLANS ETC :

11. The lessee/lessees shall at all times during the said term maintain at the mine a correct, intelligible, up-to-date and complete plans and sections of the mine and the said lands. They shall show all the operations, and workings and all the shafts, pits and drillings made by him/them in the course of operations.

For: Sri Sai Minerals

M. S. S. S.
Proprietor

Assistant Director
Government of Andhra Pradesh
TADIPATRI.



them under the lease, and other disturbances encountered and geological data and all such plans and sections shall be amended and filled up by and from actual surveys to be made for that purpose at the end of twelve months or any period specified from time to time. The lessee/lessees shall furnish free of charge to the Central and the Government true and correct copies of such plans and sections whenever required. Accurate records of all trenches pits and drillings shall show.

- a) The sub-soil and strata through which they pass.
- b) Any mineral encountered.
- c) Any other matter of interest and all data required by the Central and State Governments, from time to time.

The lessee/lessees shall allow any officer of the Central or the State Government, authorised in this behalf by the Central Government to inspect the same at all reasonable time. He/They shall also supply when asked for by the state Government/the Coal Controller/the Director-General, Geological Survey of India/the Controller, Indian Bureau of Mines a composite plan of area showing thickness, dip inclination, etc., of all the seams as also the quantity of reserves quality-wise.

11. A. The lessee shall pay a wage not less than the minimum wage prescribed by the Central or State Government from time to time.
11. B. The lessee shall comply with provisions of the (Mines Act, 1952 and Rules made thereunder)
11. C. The lessee shall take measures for the protection of environment like planting of trees, reclamation of land, use of pollution control devices; and such other measures as may be prescribed by the Central or State Government from time to time at his own expense.
11. D. The lessee shall pay compensation to the occupier of the land on the date and in the manner laid down in these rules)
11. E. The lessee shall, in the matter of employment give preference to the tribals and to the persons who become displaced because of the taking up of mining operations):

ACT 67 OF 1957 :

12. The lessee/lessees shall be bound by such rules as may be issued from time to time, by the Government of India under Section 18 of the Mines and Minerals (Regulation) and Development) Act, 1957, (Act 67 of 1957) and shall not carry on mining or other operations under the said lease in any way other than as prescribed under these rules.

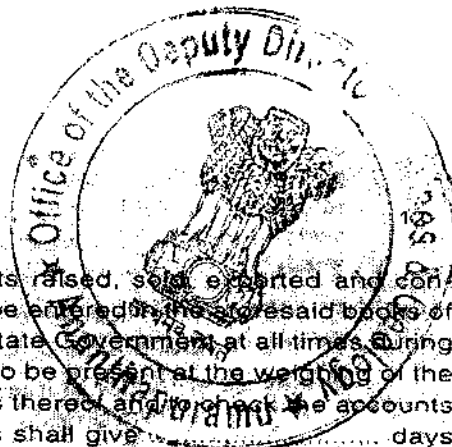
TO PROVIDE WEIGHING MACHINE :

13. Unless specifically exempted by the State Government the lessee/lessees shall provide and at all times keep at or near the pit head or each of the pit heads at which the said minerals shall be brought to bank a properly constructed and efficient weighing machine and shall weigh or cause to be weighed thereon all the said minerals, from time to time, brought to bank sold, exported and converted and also the converted products and shall at the close of each day cause the total weights, ascertained by

For: Sri Sai Minerals

[Signature]
Proprietor

[Signature]
Assistant Director of Mines & Geology
Government of Andhra Pradesh
TADIPATRI



such means of the said minerals, ores products raised, sold, exported and converted during the previous twenty-four hours to be entered in the aforesaid books of accounts. The lessee/lessees shall Permit the State Government at all times during the said term to employ any person or persons to be present at the weighing of the said minerals as aforesaid and to keep accounts thereof and to check the accounts kept by the lessee/lessees. The lessee/lessees shall give days previous notice in writing to the Deputy Commissioner/Collector of every such measuring or weighing in order that some officer on his behalf may be present thereat.

TO ALLOW TEST OF WEIGHING MACHINE :

14. The lessee/lessees shall allow any person or persons appointed in that behalf by the State Government at any time or times during the said term to examine and test every weighing machine to be provided and kept as aforesaid and the weights used therewith in order to ascertain whether the same respectively are correct and in good repair and order and if upon any such examination or testing any such weighing machine or weights shall be found incorrect or out of repair or order, the State Government may require that the same be adjusted, repaired and put in order by at the expense of the lessee/lessees and if such requisition be not complied with within fourteen days after the same shall have been made, the State Government may cause such weighing machine or weights to be adjusted, repaired, and put in order and the expense of so doing shall be paid by the lessee/lessees to the State Government on demand and if upon any such examination or testing as aforesaid any error shall be discovered in any weighing machine or weights to the prejudice of the State Government such error shall be regarded as having existed for three calendar months previous to the discovery thereof or from the last occasion of so examining and testing the same weighing machine and weights in case such occasion shall be within such period of three months and the said rent and royalty shall be paid and accounted for accordingly.

TO PAY COMPENSATION FOR INJURY OF THIRD PARTIES :

15. The lessee/lessees shall make and pay reasonable, satisfactory and compensation for all damage, injury or disturbance of person or property which may be done by or on the part of lessee/lessees in exercise of the liberties and power granted by these presents and shall at all times save harmless and keep indemnified the State Government from and against all suits, claims and demands which may be brought or made by any person or persons in respect of any such damage, injury or disturbance.

NOT TO OBSTRUCT WORKING OF OTHER MINERALS :

16. The lessee/lessees will exercise the liberties and powers hereby granted in such manner as to offer no unnecessary or reasonably avoidable obstruction or interruption to the development and working within the said lands of any minerals not included in this lease and shall at all times afford to the Central and State Government and to the holders of prospecting licences or mining leases in respect of any such minerals or any minerals within any land adjacent to the said lands as the case may

For: Sri Sai Minerals

Proprietor

Analyst
Government of West Bengal
TADIPATRI.

be reasonable means of access and safe and convenient passage upon and across the said lands to such minerals for the purpose of getting working developing and carrying away the same provided that the lessee/lessees shall receive reasonable compensation for any damage or injury which he/they may sustain by reason or in consequence of the use of such passage by such lessees or holders of prospecting licences.

TRANSFER OF LEASE

17. (1) The lessee/lessees shall not, without the previous consent in writing of the State Government, (M. T. (83)/67-M.L. dated 30-3-1968.)

- a) assign, sublet, mortgage or in any other manner transfer the mining lease or any right, title or interest therein; or
- b) enter into or make any arrangement, contract or understanding whereby the lessee/lessees will or may be directly or indirectly financed to a substantial extent by or under which the lessee's operations or undertaking will or may be substantially controlled by, any person or body of persons other than the lessee/lessees;

Provided that the State Government shall not give its written consent unless.

- a) the lessee has furnished an affidavit along with his application for transfer of the mining lease specifying therein the amount that he has already taken or proposes to take as consideration from the transferee;
 - b) the transfer of the mining lease is to be made to a person or body directly undertaking mining operations.
- (2) Without prejudice to the above provisions, the lessee/lessees may subject to the conditions specified in the proviso to Rule 35 of said rules, transfer this lease or any right, title or interest therein, to a person

who has filed an affidavit stating that he has filed upto date income tax returns, paid income tax assessed on him and paid the income tax on the basis of self assessment as provided in the Income Tax Act, 1961* (43 of 1961), on payment of five hundred rupees to the State Government.

Provided that the lessee/lessees shall make available to the transferee the original or certified copies of all plans of abandoned workings in the area and in a belt 65 meters wide surrounding it;

Provided further, that where the mortgagee is an institution or Bank or a Corporation specified in Schedule V, it shall not be necessary for any such institution Bank or Corporation to meet with the requirement relating to the income tax, and the said valid clearance certificate.

17. (3) The State Government may, by order in writing, determine the lease at any time, if the lessee/lessees has/have in the opinion of State Government committed a breach of any of the above provisions or has/have transferred the lease or any right, title or interest therein otherwise than in accordance with clause (2).

Provided that no such order shall be made without giving the lessee/lessees a reasonable opportunity of stating his/their case.

For Secy, Mines & Geology

M. S. D. S.
Proprietor

[Signature]
Assistant Director of Mines & Geology
Government of Andhra Pradesh
TADIPATRI.

NOT TO BE FINANCED OR CONTROLLED BY A TRUST, CORPORATION, FIRM OR PERSON :

18. The lease shall not be controlled and the lessee/lessees shall not allow themselves to be controlled by any trust, syndicate, corporation, firm or person except with the written consent of the Central Government. The lessee/lessees shall not enter into or make any arrangement compact or understanding whereby the lessee/lessees will or may be directly or indirectly financed by or under which the lessee/lessees operations or undertakings will or may be carried on directly or indirectly by or for the benefit of or subject to the control of any Trust, syndicate, corporation, firm or person unless with the written sanction given prior to such arrangement compact or understanding being entered into or made of the Central Government and any or every such arrangement compact or understanding as aforesaid (entered into or made with such sanction as aforesaid) shall only be entered into or made and shall always be subject to an express condition binding upon the other party or parties thereto that on the occasion of a state of emergency of which the President of India in his discretion shall be the sole judge it shall be terminable if so required in writing by the State Government and shall in the event of any such requisition being made be forthwith thereafter determined by the lessee/lessees accordingly.

LESSEES SHALL DEPOSIT ANY ADDITIONAL AMOUNT NECESSARY :

19. Whenever the security deposit of Rs. (2000/1000) or any part thereof or any further sum hereafter deposited with the State Government in replenishment thereof shall be forfeited or applied by the Central or State Government pursuant to the power hereinafter declared in that behalf the lessee/lessees shall deposit with the State Government such further sum as may be sufficient with the unappropriated part thereof to bring the amount in deposit with the State Government upto the sum of Rs. (2000/1000).

DELIVERY OF WORKING IN GOOD ORDER TO STATE GOVERNMENTS AFTER DETERMINATION OF LEASE :

20. The lessee/lessees shall at the expiration or sooner determination of the said term or any renewal thereof deliver upto the State Government all mines, pits, shafts, inclines, drift, levels, waterways, airways and other works now existing or hereafter to be sunk or made on or under the said lands except such as have been abandoned with the sanction of the State Government and in any ordinary and fair course of working all engines, machinery, plant, buildings, structures, other works and conveniences which at the commencement of the said term were upon or under the said lands and all such machinery set up by the lessee/lessees below ground which cannot be removed without causing injury to the mines or works under the said lands (except such of the same as may be with the sanction of the State Government have become disused) and all buildings and structures of brick or stone erected by the lessee/lessees above ground level in good repair order and condition and fit in all respects for further working of the said mines and the said mineral.

For: *[Signature]*

[Signature]
Assistant Secretary to Government of Andhra Pradesh
TADIPATRI.

RIGHT OF PRE-EMPTION

21. (a) The State Government shall, from time to time and at all times during the said term have the right to be exercised by notice in writing to the lessee/lessees) or pre-emption, of the said minerals (and all products thereof) lying in or upon the said lands hereby demised or elsewhere under the control of the lessee/lessees and lessee/lessees shall with all possible expedition deliver all minerals or products of minerals purchased by the State Government under the power conferred by this provision in the quantities, at the times in the manner and at the place specified in the notice exercising the said right.
- (b) Should the right of pre-emption conferred by this present provision be exercised and a vessel chartered to carry the minerals or products thereof procured on behalf of the State Government or the Central Government be detained on demurrage at the port of loading the lessee/lessees shall pay the amount due to causes beyond the control of the lessee/lessees.
- (c) The price to be paid for all minerals or products of minerals take in pre-emption by the State Government in exercise of the right hereby conferred shall be the fair market price prevailing at the time of pre-emption provided that in order to assist in arriving at the said fair market price the lessee/lessees shall if so required furnish to the State Government for the confidential information of the Government particulars of the quantities, descriptions and prices of the said minerals or products thereof sold to other customers and of charters entered into for freight for carriage of the same and shall produce to such officer or officers as may be directed by the State Government original or authenticated copies of contracts and charter parties entered into for the sale or freightage of such minerals or products.
- (d) In the event of the existence of a state of war or emergency (of which existence the President of India shall be the sole judge and a notification to this effect in the Gazette of India shall be conclusive proof), the State Government with the consent of the Central Government shall from time to time and at all times during the said term have the right (to be exercised by a notice in writing to the lessee/lessees) forthwith take possession and control of the works plant, machinery and premises of the lessee/lessees on or in connection with the said lands or operations under this lease and during such possession or control the lessee/lessees shall conform to and obey all directions given by or on behalf of the Central Government or State Government regarding the use of employment of such works, plants, premises and minerals provided that fair compensation which shall be determined in default of agreement by the State Government shall be paid to the lessee/lessees for all loss or damage sustained by him/them by reason or in consequence of the exercise of the powers conferred by this clause and provided also that the exercise of such powers shall not determine the said term hereby granted or affect the term and provisions of these present further than may be necessary to give effect to the provisions of this clause.

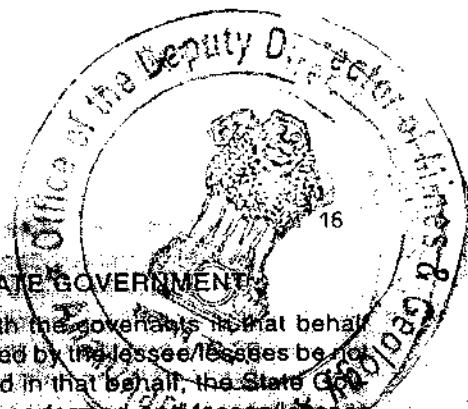
EMPLOYMENT OF FOREIGN NATIONAL :

22. The lessee/lessees shall not employ, in connection with the mining operations any person who is not an Indian national except with the previous approval of the Central Government.

For: Sri Sai Minerals

[Signature]
Proprietor

[Signature]
Assistant Director of Mines & Geology
Government of Andhra Pradesh
TADIPATRI.



RECOVERY OF EXPENSES INCURRED BY THE STATE GOVERNMENT

23. If any of works or matters which in accordance with the covenants in that behalf herein before contained are to be carried or performed by the lessee/lessees be not so carried out or performed within the time specified in that behalf, the State Government may cause the same to be carried out or performed and the lessee/lessees shall pay the State Government on demand all expenses which shall be incurred in such carrying out or performance of the same and the decision of the State Government as to such expenses shall be final.

FURNISHING OF GEOPHYSICAL DATA :

24. The lessee/lessees shall furnish :

- (a) all geophysical data relating to mining fields or engineering and ground water surveys, such as anomaly maps, sections, plans, structures, contour maps, logging, collected by him/them during the course of mining operations to the Director-General, Geological Survey of India, Calcutta;
- (b) all information pertaining to investigations of radio active minerals collected by him/them during the course of mining operations to the Secretary, Department of Atomic Energy, New Delhi.

Data or information referred to above shall be furnished every year reckoned from the date of commencement of the period of the mining lease.

PART - VIII

The covenants of the State Government

LESSEE/LESSEES MAY HOLD AND ENJOY RIGHTS QUIETLY :

1. The lessee/lessees paying the rents, water rate and royalties hereby reserved and observing and performing all the covenants and agreements herein contained and on the part of the lessee/lessees to be observed and performed shall and may quietly hold and enjoy the rights and premises hereby demised for and during the term hereby granted without any unlawful interruption from or by the State Government, or any person rightfully claiming under it.

ACQUISITION OF LAND OF THIRD PARTIES AND COMPENSATION THEREOF :

2. If in accordance with the provision of Clause 4 of Part VII of the Schedule the lessee/lessees shall offer to an occupier of the surface of any part of the said lands compensation for any damage or injury which may arise from the proposed operations of the lessee/lessees and the said occupier shall refuse his consent to the exercise of the right and powers reserve to the State Government and demised to the lessee/lessees by these presents and the lessee/lessees shall report the matter to the State Government and shall deposit with it the amount offered as compensation and if the Central/State Government are satisfied that the amount of compensation offered is fair and reasonable or if it is not so satisfied and the lessee/lessees shall have deposited with it such further amount as the State and Central Governments shall consider fair and reasonable the State Government shall order the occupier to allow the lessee/lessees to enter the land to carry out such operations as may be necessary for the purpose of this lease. In assessing the amount of such compensation, the State Government shall be guided by the principles of the Land Acquisition Act.

For: *Sat Sat Minerals*

Proprietor

Assistant Director of Mines & Geology
Government of Andhra Pradesh
TADIPATRI

TO RENEW :

3. The mining lease is renewable in terms of the provisions of the Act and the rules made thereunder.

Provided that the State Government may for reasons to be recorded in writing reduce the area applied for.

If the lease in respect of minerals specified in the First Schedule to the Act, renewal will be subject to the prior approval of the Central Government.

If the lessee/lessees has desisted of taking a renewed lease of the premises hereby demised or any part of it for a further term from the expiration of the term hereby granted and is otherwise eligible, he/she shall prior to the expiration of the last mentioned term give to the State Government twelve calendar months previous notice in writing and shall pay the rents, rates and royalties hereby reserved and shall observe and perform the several covenants and agreements herein contained and on the part of the lessee/lessees to be observed and performed upto the expiration of the terms hereby granted. The State Government on receipt of application for renewal, shall consider it in accordance with the provisions of the Act and the rules made thereunder; and shall pass orders as it deems fit. If renewal is granted, the State Government will at the expense of the lessee/lessees and upon his executing and delivering to the State Government if required counter-part thereof execute and deliver to the lessee/lessees a renewed lease of the said premises or part thereof for the further terms of years at such rents, rates and royalties and on such terms and subject to such covenants and agreements, including this present covenant to renew as shall be in accordance with the Mineral Concession Rules, 1960, applicable to (name of mineral) on the day next following the expiration of the term hereby granted.

LIBERTY TO DETERMINE THE LEASE :

4. The lessee/lessees may at any time determine this lease by giving not less than 12 calendar months notice in writing to the State Government or to such officer, or authority as the State Government may specify in this behalf and upon the expiration of such notice provided that the lessee/lessees shall upon such expiration render and pay all rents, water rates, royalties, compensation for damages and other moneys which may then be due and payable under these presents to the lessor or any other person or persons and shall deliver these presents to the State Government then this lease and the said term and the liberties, powers and privilege hereby granted shall absolutely cease and determine but without prejudice to any right remedy of the lessor in respect of any breach of any of the covenants or agreements contained in these presents.

4. (A) The State Government may on an application made by the lessee permit him to surrender one or more minerals from his lease which is for a group of minerals on the ground that deposits of that mineral have since exhausted or depleted to such an extent that it is no longer possible to work the mineral economically, subject to the condition that the lessee.

a) makes an application for such surrender of mineral at least six months before the intended date of surrender, and

For: Sri Sai Minerals
[Signature]
Proprietor

[Signature]
Assistant Director of Mines & Geology
Government of Andhra Pradesh
TADIPATRI

- b) gives an undertaking that he will not cause any hindrance in the working of the minerals so surrendered by any other person who is subsequently granted a mining lease for that mineral.

REFUND OF SECURITY DEPOSIT :

5. On such date as the State Government may elect within 12 calendar months after the determination of this lease or of any renewal thereof, the amount of the security deposit paid in respect of this lease and then remaining in deposit with the State Government and not required to be applied to any of the purposes mentioned in this lease shall be refunded to the lease/lessees. No interest shall run on the security deposit.

PART - IX

General Provisions

OBSTRUCTIONS TO INSPECTION :

1. In case the lessee/lessees or his/her transferee/assignee does/do not allow entry or inspection by the officers authorised by the Central or State Government under clauses (i), (j) or (k) of sub-rule (1) of Rule 27 of said Rules, the State Government shall give notice in writing to the lessee/lessees requiring him/them to show cause within such time as may be specified in the notice why the lease should not be determined and the security deposit forfeited, and if the lessee/lessees fails/fail to show cause within the aforesaid time to the satisfaction of the State Government, the State Government may determine the lease and forfeit the whole or part of the security deposit.

PENALTY IN CASE OF DEFAULT IN PAYMENT OF ROYALTY AND BREACH OF COVENANTS :

2. If the lessee/lessees or his/her transferee or assignee makes/make any default in payment of rent or water rate or royalty as required by section 9 of the Act or commits a breach of any of the conditions and covenants other than those referred to in covenant (1) above, the State Government shall give notice to the lessee/lessees requiring him/them to pay the rent, water rate, royalty or remedy the breach, as the case may be, within sixty days from the date of receipt of the notice and if the rent, water rate and royalty are not paid or the breach is not remedied within such period, the State Government may without prejudice to any proceedings that may be taken against him/them determine the lease and forfeit the whole or part of the security deposit.

PENALTY FOR REPEATED BREACHES OF COVENANTS :

3. In cases of repeated breaches of covenants and agreements by the lessee/lessees for which notice has been given by the State Government in accordance with clauses (1) and (2) aforementioned on earlier occasion the State Government without issuing any further notice, may impose such penalty not exceeding twice the amount of the annual dead rent specified in Clause 2, Part V.

For: Sri Sai Minerals

[Signature]
Proprietor

[Signature]
Assistant Director of Mines & Geology
Government of Andhra Pradesh
TADIPATRI.

FAILURE TO FULFIL THE TERMS OF LEASES DUE TO "FORCE MAJEURE" :

4. Failure on the part of the lessee/lessees to fulfil any of the terms and conditions of this lease shall not give the Central State Government any claim against the lessee/lessees or be deemed a breach of this lease in so far as such failure is considered by the said Government to arise from force majeure, and if through force majeure the fulfillment by the lessee/lessees of any of the terms and conditions of this lease be delayed, the period of such delay shall be added to the period fixed by this lease, in this clause the expression "Force majeure" means act of God, war, insurrection, riot, civil commotion, strike, earthquake, storm, tidal wave, flood, lightning, explosion, fire and any other happening which the lessee/lessees could not reasonably prevent or control.

LESSEE/LESSEES TO REMOVE HIS/THEIR PROPERTIES ON THE EXPIRY OF LEASE :

5. The lessee/lessees having first paid and discharged rents, rates and royalties payable by virtue of these presents may at the expiration or sooner determination of the said term or within six calendar months thereafter (unless the lease shall be determined under Clauses 1 and 2 of this Part and in that case at any time not less than three calendar months not more than six calendar months after such determination) take down and remove for his/their own benefit all or any engines, machinery, plant, buildings, structures, tramways, railways and other work erections and conveniences which may have been erected, set up or placed by the lessee/lessees in or upon the said lands and which the lessee/lessees is/are not bound to deliver to the State Government under clause 20 Part VII of this Schedule and which the State Government shall not desire to purchase.

FORFEITURE OF PROPERTY LEFT MORE THAN SIX MONTHS AFTER DETERMINATION OF LEASE :

6. If at the end of six calendar months after the expiration or sooner determination of the said term under the provision contained in Clause 4 of Part VIII of this Schedule become effective there shall remain in or upon the said land any engines, machinery plants, buildings, structures, tramways, railways and other work erections and conveniences or other property which are not required by the lessee/lessees in connection with operations in any other lands held by him/them under prospecting licence or mining lease the same shall if not removed by the lessee/lessees within one calendar month after notice in writing requiring their removal has been given to the lessee/lessees by the State Government be deemed to become the property of the State Government and may be sold or disposed of in such manner as the State Government shall deem fit without liability to pay any compensation or to account to the lessee/lessees in respect thereof.

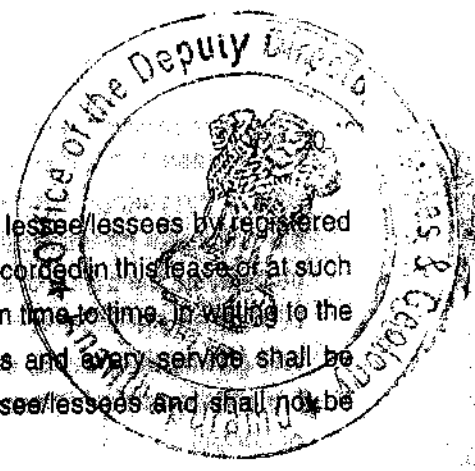
NOTICES :

7. Every notice by these presents required to be given to the lessee/lessees shall be given in writing to such person resident on the said lands as the lessee/lessees may appoint for the purpose of receiving such notices and if there shall be no such ap-

For: *Signature*
Inspector

Signature
Assistant Director of Mines & Geology
Government of Andhra Pradesh
TADIPATRI.

pointment then every such notice shall be sent to the lessee/lessees by registered post addressed to the lessee/lessees at the address recorded in this lease or at such other address in India as the lessee/lessees may, from time to time, in writing to the State Government designate for the receipt of notices and every service shall be deemed to be proper and valid service upon the lessee/lessees and shall not be questioned or challenged by him.

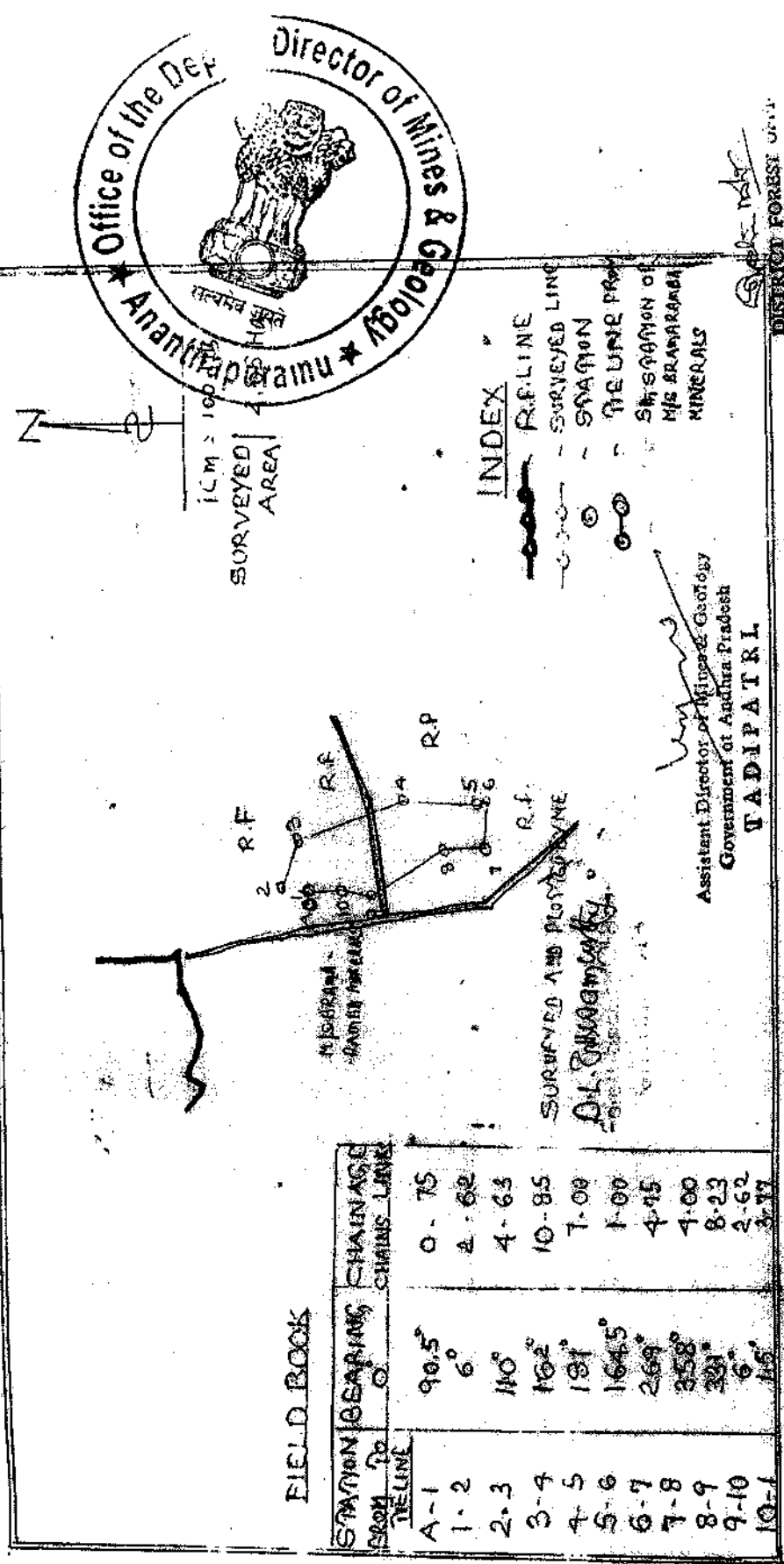


IMMUNITY OF STATE GOVERNMENT FROM LIABILITY TO PAY COMPENSATION :

8. If in any event orders of the State Government are revised, reviewed or cancelled by the Central Government in pursuance of proceedings under Chapter VII of the Mineral Concession Rules, 1960, lessee/lessees shall not be entitled to compensation for any loss sustained by the lessee/lessees in exercise of the powers and privileges conferred upon him/them by these presents.

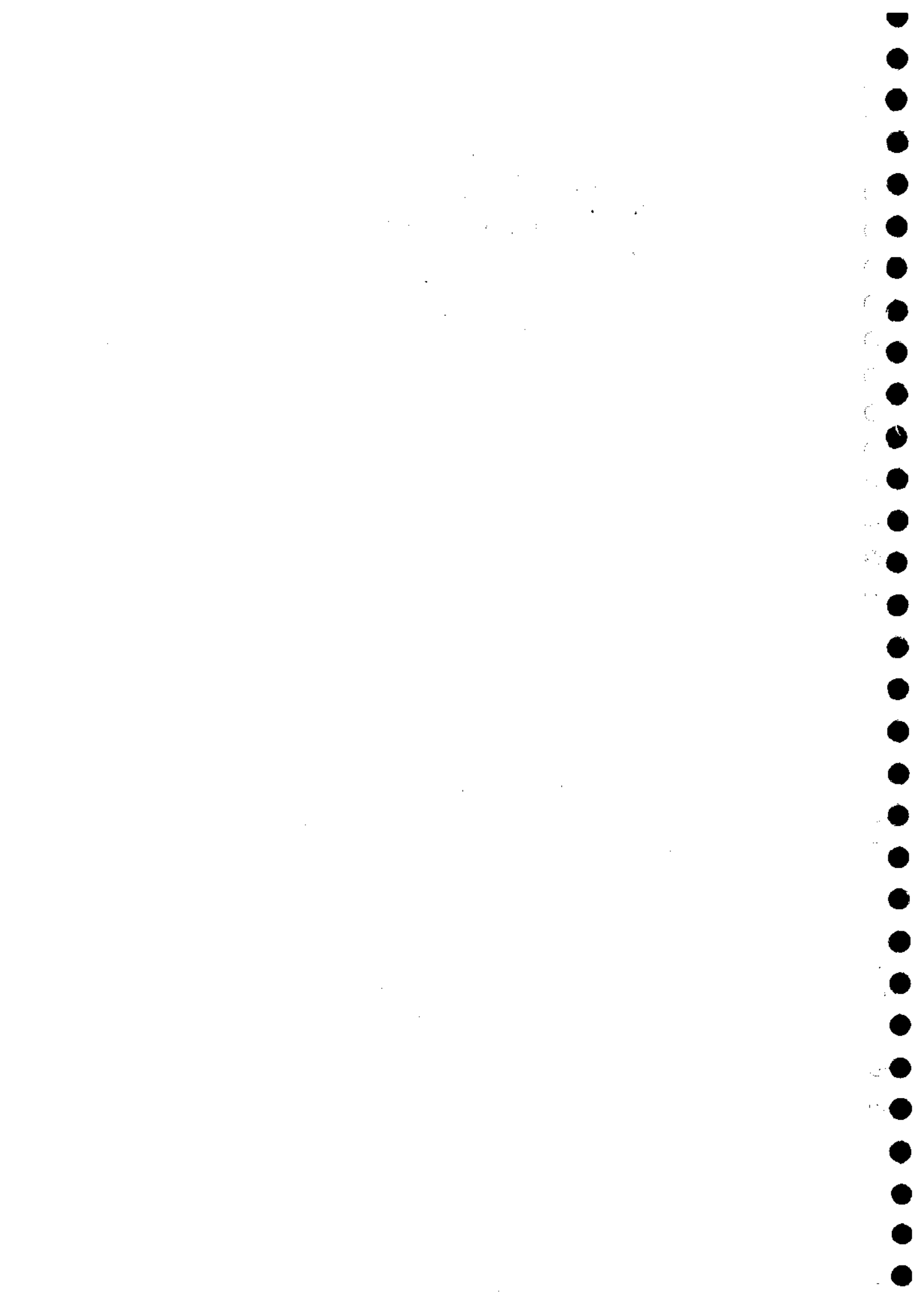
9. (A) The lease is executed at 1. In. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 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1188. 1189. 1190. 1191. 1192. 1193. 1194. 1195. 1196. 1197. 1198. 1199. 1200. 1201. 1202. 1203. 1204. 1205. 1206. 1207. 1208. 1209. 1210. 1211. 1212. 1213. 1214. 1215. 1216. 1217. 1218. 1219. 1220. 1221. 1222. 1223. 1224. 1225. 1226. 1227. 1228. 1229. 1230. 1231. 1232. 1233. 1234. 1235. 1236. 1237. 1238. 1239. 1240. 1241. 1242. 1243. 1244. 1245. 1246. 1247. 1248. 1249. 1250. 1251. 1252. 1253. 1254. 1255. 1256. 1257. 1258. 1259. 1260. 1261. 1262. 1263. 1264. 1265. 1266. 1267. 1268. 1269. 1270. 1271. 1272. 1273. 1274. 1275. 1276. 1277. 1278. 1279. 1280. 1281. 1282. 1283. 1284. 1285. 1286. 1287. 1288. 1289. 1290. 1291. 1292. 1293. 1294. 1295. 1296. 1297. 1298. 1299. 1300. 1301. 1302. 1303. 1304. 1305. 1306. 1307. 1308. 1309. 1310. 1311. 1312. 1313. 1314. 1315. 1316. 1317. 1318. 1319. 1320. 1321. 1322. 1323. 1324. 1325. 1326. 1327. 1328. 1329. 1330. 1331. 1332. 1333. 1334. 1335. 1336. 1337. 1338. 1339. 1340. 1341. 1342. 1343. 1344. 1345. 1346. 1347. 1348. 1349. 1350. 1351. 1352. 1353. 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SURVEYED SKETCH OF 4.05 HA PROPOSED MINING AREA TO PERAM
 NAGI REDDY IN TAPU GHATALU AND MOTU GHATALU LOCATIONS
 COMP. NO 594 (P) 596 (P) IN MUTCHUKOTA R.F. 37-87



FIELD BOOK		
STATION	BEARING	CHAINS AND CHAINS LINE
A-1	90.5°	0-75
1-2	6°	2-62
2-3	140°	4-63
3-4	162°	10-85
4-5	181°	7-08
5-6	164.5°	1-00
6-7	269°	4-15
7-8	358°	4-00
8-9	331°	8-23
9-10	6°	2-62
10-1	145°	3-17

COUNTER SIGNED
 Anantapur Circle Andhra Pradesh
 For: Survey of Minerals
 Proprietor
 Forest Range Officer
 GOOTY.



GOVERNMENT OF ANDHRA PRADESH

FORM Q (RENEWAL)

APPLICATION FOR RENEWAL OF QUARRY LEASE FOR GRANITE, MARBLE AND
 31 MINERALS MENTIONED AT SL. NO. 18 TO 48 IN SCHEDULE I OF RULE 10
 OF THE MINING ACT, 1957 (ANDHRA PRADESH MINING RULES, 1966)

Received

At

On

Initial of Recipient

To

The Director of Mines & Geology,
 Barampalam,
 VIJAYAWADA.

THROUGH THE ASSISTANT DIRECTOR OF MINES AND GEOLOGY, TADIPATRI

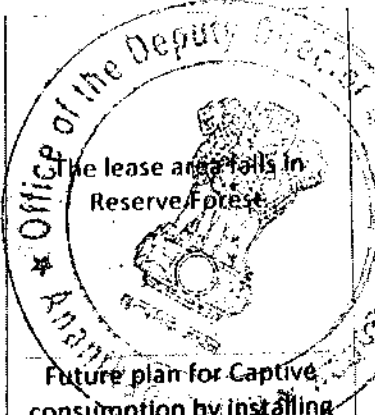
For

I/we request that a Quarry Lease under the A.P.M.M.C. Rules, 1966 may
 be granted to me/ us

2) A sum of Rs. 12,500/- being the fees in respect to this application Fee and
 Survey Charges payable under sub-rule (5)(f)(11) of Rules 12 (vide Challan
 No. 41056526322020 Dt. 27/06/2020 of the S.B. / Treasury / Tadipatri.

The required particulars are given
 below:

1)	Name of the Applicant with Complete Address	M/s. Sri Sai Mineries Prop. Peram. Nagi Reddy, #16/1282-2, Srirangapuram, Tadipatri - 515411, Anantapur District, Andhra Pradesh.
2)	Status of the applicant is the applicant a private individual / Co- operative / firm association / Private Sector Undertaking / Joint Sector undertaking or any other	Proprietary Firm
3)	In case the applicant is	
a)	an individual his nationality, qualifications and experience relating to quarrying	Indian - Hindu
b)	a company and attested copy of the Certificate of Registration of the company shall be enclosed	Not Applicable
c)	Firm or Association, the nationality of all the partners of the firm or members of the association and	Indian
d)	A Co-operative, the nationality of Non-Indian members if any along with place of registration and a copy of the Certificate of Registration	Not Applicable
4)	Profession or nature of business of applicant	Mining Business

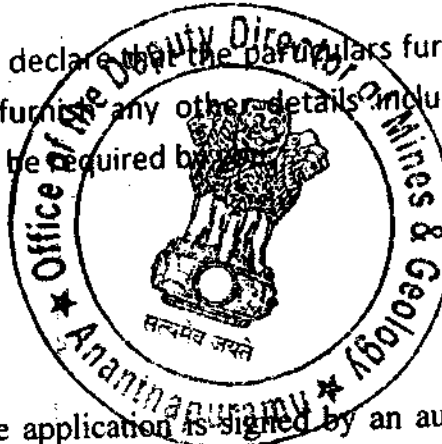
e)	The plan, the area showing natural water courses, limit of reserved and other forest areas and density of trees, assessment of impact of quarrying activity of forest, land surface and environment including air and water pollution and details of the scheme for afforestation landreclamation use of pollution control devices	
D)	Is the mineral going to be used in his own industry? If so give details	 <p>The lease area falls in Reserve Forest</p>
10)	In case renewal applied for is only part of the leashold	Future plan for Captive consumption by installing Pulversing Unit
a)	The area applied for renewal	Whole area
b)	Description of the area applied for renewal (description should be adequate for the purpose of demarcating the plot)	10 Acres / 4.05 Hects.,
c)	Particulars of map of the lease hold with area applied for renewal clearly marked on it (attached)	As per approval of Mining plan
d)	Particulars of existing or created dumps of one, if any	Attached
11)	Means by which the mineral is to be raised i.e., by hand labour or mechanical or electric power	As per approval of Mining plan
a)	Manufacture in India	Hand Labour
b)	For exports to foreign countries	Yes
c)	In the former case the industries in connection with which it is required, should be specified. In the latter case, the countries to which the mineral will be exported and whether the mineral is to be exported after processing or in raw form should be stated.	If the material posses high quality, it intends to export also.
12)	Details of output during the least three years and phase programme for production during the next three years along with a layout plan for development if any.	These materials are used in paper, pharmaceuticals, paints, soaps, rubber and ceramic industries. Steatite Mineral is mainly exported to South Korea and other countires both as raw and processed form.
		As per approval of Mining plan

13	Any other particulars which the applicant wishers to furnish	:	
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I / We do hereby declare that the particulars furnished above are correct and am are ready to furnish any other details including accurate plans and security deposit as may be required by the

Place: Tadipatri

Date: 28/6/2020.



Yours faithfully

[Signature]

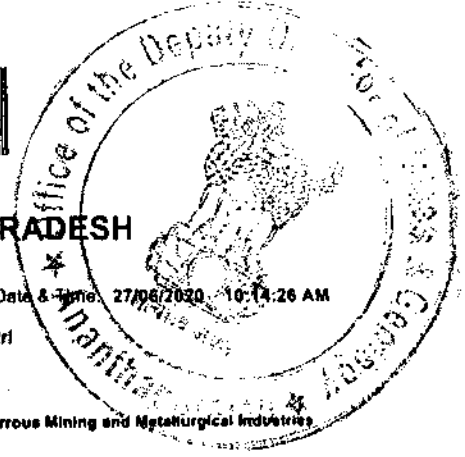
Note:

1. If the application is signed by an 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 quarrying lease.



APTC FORM-10

GOVERNMENT OF ANDHRA PRADESH



Challan No. 41050520922020
Treasury/PAO Code: 1016
CFMS Transaction ID: 40030647372020
Major Head: 0853 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: 81 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: Renewal Application fee for Steatite and Dolomite
Remitter's Name & Address: Sri Sai Minerals
Peram Nagi Reddy, #16/1282-2, Sreenivasapuram, Tadipatri,
Anantapur District.
DDO Code: 10161307001
O/o AD MINES & GEOLOGY TADIPATRI
Status: Payment Transaction Successful
Bank Reference Number: IGAIVZAU7
Payment Date: 27/06/2020
Received Rs: 12500.00

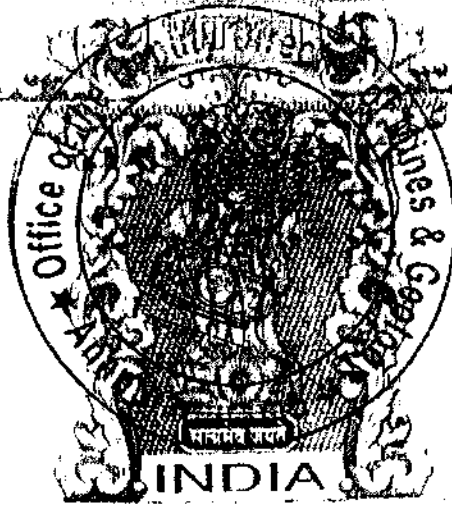
Note: This Challan does not need encasement of the treasury

Insid

भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY
RUPEES

INDIA NON JUDICIAL

ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

78AA 283503

SI No 4240 Dt 28/6/2020 Rs 20/-

Sold to Sn. P. Nagi Reddy s/o Bayapa Reddy, Tadipatri

For Whom Self

SYED AFAQ FASHI

Licenced Stamp Vender

L No 1216 (03 of 2019)

Tadipatri-515411, Cell. 9712375

Peram Nagi Reddy, S/o: P. Bayapa Reddy, Tadipatri Town.

AFFIDAVIT

I, Peram Nagi Reddy, S/o: P. Bayapa Reddy, Aged 73 years, resident of 16/1282-2, Srinivasapuram, Tadipatri Town, Anantapur District, A.P. State do hereby solemnly affirm and state as follows:

- 1) I am an Indian National by Birth
- 2) I am in Mining field from 30 years.
- 3) I am an Income Tax Assesee and my pan card no. is ACJPP6265H.
- 4) There are no any Income Tax dues to the Govt. of India.

That I want to apply for Renewal of quarry lease in lieu of which I am swearing the affidavit for Income Tax Clearance Certificate.

Solemnly Signed before me:

DEPONENT

M. Raghupathi
Coll: 8985589207
NOTARY, A.P.
Cover

27/6/2020



ANDHRA PRADESH

78AA 283534

S/A No 201 Dt 25/1/2022 Rs. 20/-

S/o Sri P. Nagi Reddy s/o Bayapa Reddy, Tadipatri

For whom Peram Nagi Reddy, S/o: P. Bayapa Reddy, Tadipatri Town.

SYED AFAQ PASHA

Licensed Stamp Vendor
L No 1215/2019 Dt 30/12/19

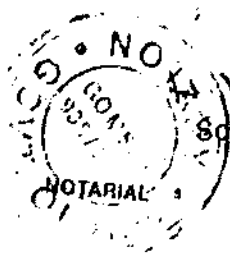
Tadipatri-515411 Dist. Anantapur

AFFIDAVIT

I, Peram Nagi Reddy, S/o: P. Bayapa Reddy, Aged 73 years, resident of 16/1282-2 Srinivasapuram, Tadipatri Town, Anantapur District, A.P. State do hereby solemnly affirm and state as follows:

- 1) I am an Indian National by Birth
- 2) I am having one quarry lease in the name of Sri Sai Minerals for Steatite and Dolomite in Sy.No. 574 (Comp. No. 594/P and 596/P). Mutchukota (R.F) Peddapappur Mandal, Anantapur District over an extent of 4.05 Hectares
- 3) Apart from the above lease, I am not having any other quarry or mining lease or prospecting license in the state of Andhra Pradesh or elsewhere in India

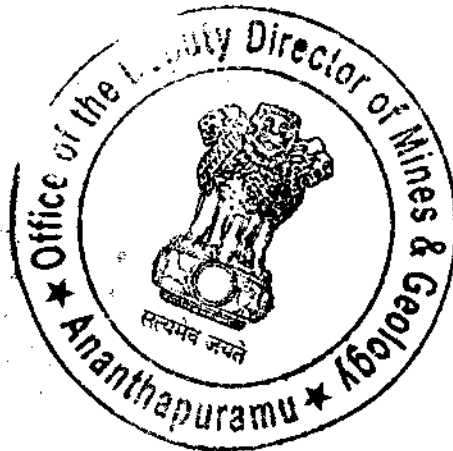
Now, I am filing this affidavit in lieu of MRCC as required for filing of Quarry Lease



Solemnly Signed before me:

M. Raghuvaran
Notary Public
Anantapur District, A.P.

DEPONENT



आयकर विभाग

INCOME TAX DEPARTMENT

PERAM NAGI REDDY

BAYAPA REDDY PERAM

610601047

Permanent Account Number

18001002858

भारत सरकार
GOVERNMENT OF INDIA

विज्ञापन के द्वारा : यदि यह प्रमाणपत्र खोया जाये, तब
प्रमाण के साथ प्रमाण, प्रमाण के साथ
प्रमाण के साथ प्रमाण प्रमाण
प्रमाण प्रमाण प्रमाण के साथ
प्रमाण प्रमाण - 411 045

Income and Tax Department, Government of India
Income Tax PAN Services Unit, NSDL
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Date :28/06/2020

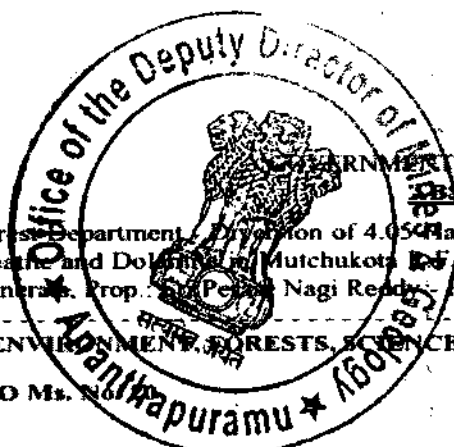
Time :5:08 PM

MINERAL CONCESSION APPLICATION		Date of Payment : 28/06/2020
Center Name :	USDP-ANCCP	Transaction Id : TAMIN012000087877
Applicant Name :	SRI SAI MINERALS	Application No : MIN012000087877
Type of Applications :	Other Quarry Lease	Category Of Applications : Renewal Application
Chanilan No :	41056526922020	Extent Applied : 4.05 Hectars
Amount Paid (in Rs.) :	195.00 (Rs.35 User Charges, Rs.150 Courier Charges)	
Time Limit For Final Disposal: Within 180 working days from requested date .		
Note :		
1. As per G.O. MS No 17, dated 6th March, 2019, the scanning charges beyond 4 pages has been revised to Rs. 5/- per page for uploading documents. The scanning charges up to 4 pages is free of cost.		
2. To know the Application Status, Please visit www.meeseva.gov.in .		



Ramakrishna Reddy Chapidi

Note: The Kiosk operator must Courier the Mineral Concession Application form along with all supporting documents to respective Asst. Director M&G. The Courier amount Rs. 150/- Shall be collected from the applicant.



ANNEXURE - IV

ABSTRACT

Forst Department, Division of 4.05 Ha. of Forest land for renewal of mining lease for Steatite and Dolomite in Mutchukota R.F., Anantapur Division, in favour of M/s. Sri Sai Minerals, Prop.: Sri Peram Nagi Reddy. Permission accorded - Orders - Issued.

ENVIRONMENT, FORESTS, SCIENCE & TECHNOLOGY (FOR.I) DEPARTMENT

G.O Ms. No.

Dated:01-03-2013.

Read the following:-

1. From PCCF, AP, Hyd. Lr.Rc.No.38695/2011/F2, Dt: 12-04-2012.
2. State Govt. Lr.No.2643/For.I (1)/2012, Dt. 4-5-2012.
3. From GOI, Mo.EF. Bglr, Lr.No.4-APB881/2012-BAN/1930, Dt:01-10-2012.
4. State Govt. Lr.No.2643/For.I (1)/2012, Dt:2-2-2013
5. From GOI, Mo.EF. Bglr, Lr.No.4-APB881/2012-BAN/2918, Dt:15-02-2013.

ORDER:

The Principal Chief Conservator of Forests, Andhra Pradesh, Hyderabad in his letter 1st read above, has submitted a proposal under Forest (Conservation) Act, 1980, for diversion of 4.05 Ha. of Forest land for renewal of mining lease for Steatite and Dolomite in Mutchukota R.F., Anantapur Division, in favour of M/s. Sri Sai Minerals, Prop.: Sri Peram Nagi Reddy, and requested to forward the same to Government of India, Ministry of Environment & Forests, for according necessary approval under Section-2 of Forest (Conservation) Act, 1980.

2. The said proposal was sent to Government of India, Ministry of Environment & Forests, for their approval under Section-2 of Forest (Conservation) Act, 1980 vide State Government letter 2nd read above.

3. Government of India, Ministry of Environment & Forests, vide their letter 3rd read above, have accorded their approval in-principle (Stage.I) under Section-2 of Forest (Conservation) Act, 1980, for the proposal, for a period of 10 years, with effect from 10-6-2012, subject to compliance of certain conditions as stipulated therein.

4. The State Government vide letter 4th read above, have furnished compliance report on the conditions stipulated by the Government of India, Ministry of Environment & Forests, while according in-principle (Stage.I) approval.

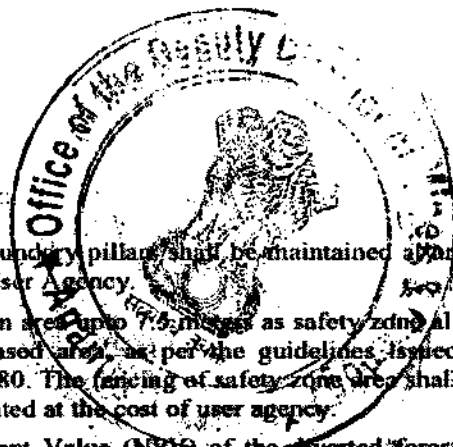
5. Government of India, Ministry of Environment & Forests, in their letter 5th read above, have accorded their approval (Stage.II) under Section-2 of Forest (Conservation) Act, 1980, for diversion of 4.05 Ha. of Forest land for renewal of mining lease for Steatite and Dolomite in Mutchukota R.F., Anantapur Division, in favour of M/s. Sri Sai Minerals, Prop.: Sri Peram Nagi Reddy, for a period of 10 years, with effect from 10-6-2012, subject to compliance of certain conditions as stipulated therein.

6. Government after careful examination of the proposal, hereby accord permission to the Principal Chief Conservator of Forests, Andhra Pradesh, Hyderabad, for diversion of 4.05 Ha. of Forest land for renewal of mining lease for Steatite and Dolomite in Mutchukota R.F., Anantapur Division, in favour of M/s. Sri Sai Minerals, Prop.: Sri Peram Nagi Reddy, for a period of 10 years, with effect from 10-6-2012, subject to the following conditions.

- (i) The legal status of the forest land shall remain unchanged.

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- (ii) Duly numbered cement concrete boundary pillars shall be maintained at an interval of 20 meters at the cost of User Agency.
- (iii) The State Government shall maintain area upto 7.5 metres as safety zone all along the boundary outside the leased area as per the guidelines issued under Forest (Conservation) Act, 1980. The fencing of safety zone area shall be carried out and it will be regenerated at the cost of user agency.
- (iv) Additional amount of the Net Present Value (NPV) of the diverted forest land if any becoming due after revision of the same by the Hon'ble Supreme Court of India in future, shall be charged by the State Government from User Agency and deposited in the Ad-hoc CAMPA Account.
- (v) The mining shall be done as per the mining plan approved by IBM and in strict compliance of all relevant acts and rules.
- (vi) Soil conservation measures shall be taken up at the cost of user agency.
- (vii) Proper reclamation work shall be taken up as approved by the DFO, and its execution shall be monitored by the DFO.
- (viii) The consent of Andhra Pradesh Pollution Control Board (APPCB) shall be obtained under Air and Water Act before commencement of mining operation and it shall be renewed annually.
- (ix) No permanent buildings or sheds should be constructed in the leased area.
- (x) A comprehensive monitoring shall be done at the end of five years to study the impact of mining on the surrounding flora and fauna and its watershed. If it is found that the lessee has violated or is not complying with the stipulated conditions, then the approval given under the Forest (Conservation) Act, 1980 shall be revoked.
- (xi) The total forest area utilized for the project shall not exceed 4.05 ha.
- (xii) Any other condition that the Additional Principal Chief Conservator of Forests (Central), Regional Office, Bangalore may impose from time to time for protection, improvement of flora and fauna in the forest area and public convenience shall also be applicable.

7. The Principal Chief Conservator of Forests, Andhra Pradesh, Hyderabad is directed to take further necessary action in the matter.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

M. SAMUEL,
SPECIAL CHIEF SECRETARY TO GOVERNMENT.

To
The Principal Chief Conservator of Forests,
Andhra Pradesh, Hyderabad.

Copy to:

The Chief Conservator of Forests (Central)
Government of India, Ministry of Environment & Forests,
Regional Office (Southern Zone) Kendriya Sadan, IV Floor E & F Wings,
17th Main Road, II Block, Koramangala, BANGALORE -560 034.

M/s. Sri Sai Minerals, Prop.: Sri Peram Nagi Reddy,
16/128-2, Sreenivasapuram, Tadipatri, Ananthapur District -515411.

SF/SC

// FORWARDED :: BY ORDER //

SECTION OFFICER.

PROCEEDINGS OF THE REGIONAL FOREST OFFICER ANANTAPUR

PRESENT: Smt. V. Subba Reddy, I.F.S.,

Rc. No. 3092/2011/70

Dt. 4.04.2012

Sub:-	Mines & Minerals - Renewal of mining lease over an extent of 4.05 Ha., for Steatite and Dolomite in Compartment Nos. 594/P & 596/P of Mutchukota RF Anantapur Division in favour of M/s Sri Sai Minerals, Prop. Sri Peram Nagi Reddy - Permission accorded. Orders issued - Regarding.
Ref:-	1. GOI, Bangalore dt. 4-APB 881/2012-BAN/2918, Dt. 15.02.2013. 2. Govt of A.P. G.O. Ms. No. 20, EFS & T (For.I), Dept., dt: 01.03.2013. 1. Agreement executed by M/s Sri Sai Minerals, Prop. Sri Peram Nagi Reddy on 22.03.2013.

□

The Government of India in the reference 1st cited conveyed their approval U/s 2 of Forest (Conservation) Act, 1980 for diversion of 4.05 Ha., of forest land in Compartment Nos. 594/P & 596/P of Mutchukota Reserve Forest, Julakalva village for renewal of mining lease for a period of 10 years w.e.f. from 10.06.2012 in favour of **M/s Sri Sai Minerals, Prop. Sri Peram Nagi Reddy** for extraction of Steatite and Dolomite subject to certain conditions stipulated therein.


The Government of Andhra Pradesh in the reference 2nd cited have accorded permission for diversion of 4.05 Ha., forest land in Compartment-Nos. 594/P & 596/P Mutchukota RF of Anantapur Division for granting of renewal of Mining lease in favour of **M/s Sri Sai Minerals, Prop. Sri Peram Nagi Reddy** for extraction of steatite and Dolomite subject to certain conditions stipulated therein.

In pursuance of the Government of India and Government of Andhra Pradesh orders and as per the agreement executed by the user agency and basing on the production of Consent Order of Andhra Pradesh Pollution Control Board, Kurnool by the user agency, **M/s Sri Sai Minerals, Prop. Sri Peram Nagi Reddy** is hereby permitted to carry out mining operations in Compartment Nos. 594/P & 596/P Mutchukota RF of Gooty Range for extraction of Steatite and Dolomite as per surveyed sketch subject to the following conditions.

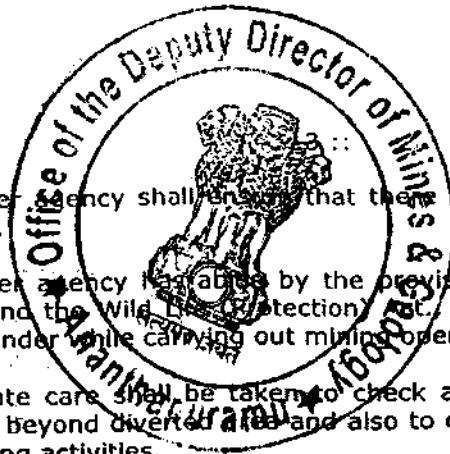
- (i) The legal status of the forest land shall remain unchanged.
- (ii) Duly numbered cement concrete boundary pillars shall be maintained at an interval of 20 meters at the cost of User Agency.
- (iii) The State Government shall maintain area upto 7.5 meters as safety zone all along the boundary outside the leased area, as per the guidelines issued under Forest (Conservation) Act, 1980. The fencing of safety zone area shall be carried out and it will be regenerated at the cost of user agency.

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- (iv) Additional amount of the Net Present Value (NPV) of the diverted forest land if any becoming due after revision of the same by the Hon'ble Supreme Court of India in future, shall be charged by the State Government from User Agency and deposited in the Andhra CAMPA Account.
 - (v) The mining shall be done as per the mining plan approved by IBM and in strict compliance of all relevant acts and rules.
 - (vi) Soil conservation measures shall be taken up at the cost of user agency.
 - (vii) Proper reclamation work shall be taken up as approved by the DFO, and its execution shall be monitored by the DFO.
 - (viii) The consent of Andhra Pradesh Pollution Control Board (APPCB) shall be obtained under Air and Water Act before commencement of mining operation and it shall be renewed annually.
 - (ix) No permanent buildings or sheds should be constructed in the leased area.
 - (x) A comprehensive monitoring shall be done at the end of five years to study the impact of mining on the surrounding flora and fauna and its watershed. If it is found that the lessee has violated or is not complying with the stipulated conditions, then the approval given under the Forest (Conservation) Act, 1980 shall be revoked.
 - (xi) The total forest area utilized for the project shall not exceed 4.05 ha.
 - (xii) Any other condition that the Additional Principal Chief Conservator of Forests (Central), Regional Office, Bangalore may impose from time to time for protection, improvement of flora and fauna in the forest area and public convenience shall also be applicable.
 - (xiii) The plan for enriching surrounding areas of the cluster of mines in Mutchukota RF by developing Green Belt/Enrichment plantation and SMC works shall be implemented at the cost of all lease holders proportionate to lease holding. The additional financial burden, if any needed for implementing the plan shall be recovered from lease holders on pro-rata basis.
 - (xiv) The forest area shall be used for the purpose of mining, storage of materials and OB dumps only.
 - (xv) The user agency shall take action for reclamation and rehabilitation of abandoned mines as per the action plan submitted by them,

(Contd. ...3)



- (xvi) The user agency shall ensure that there should be no damage to the wildlife.
- (xvii) The user agency shall comply with the provisions of the A.P. Forest Act, 1967 and the Wild Life Protection Act, 1972 and all the rules made there under while carrying out mining operations in the area.
- (xviii) Adequate care shall be taken to check any rolling of over burdens / dumps beyond diverted area and also to check soil erosion caused due to mining activities.
- (xix) No labour camps shall be established on the Forest land.
- (xx) The Forest Land shall not be used for any purpose other than that specified in the proposals and general approval accorded by the Government of India.
- (xxi) Transport of mineral shall be effected only under the cover of Form-I permits to the stockyard and to other places, which may be obtained from the undersigned. Transporting of the mineral must be covered by an individual permit. Any removal without permit shall be an offence under the A.P. Forest Act, 1967 and rules made there under.
- (xxii) The lessee or authorized agent shall personally supervise and control the working and transport. He shall be present whenever a notice is given by the Divisional Forest Officer, Anantapur / Forest Range Officer, Gooty or any other officer authorized by the Divisional Forest Officer, Anantapur for inspection of mining area subject to the provision that he may appoint agents to assist him in the work, but such persons may not be considered as agents until his name and category of working and residential addresses have been submitted to the Divisional Forest Officer, Anantapur and approved by the Divisional Forest Officer with a valid power of attorney.
- (xxiii) The lessee shall not allow the purchasers of forest produce into the mining area.
- (xxiv) Every employee of the lessee to whom authority is given for collection of produce shall be supplied with chits issued by the lessee or his authorized agents.
- (xxv) The lessee must allow or permit the officers of the Forest Department to enter into the land for the purpose of maintenance and repairs to boundaries within the area and pay the costs on such maintenance or repairs as determined by the Divisional Forest Officer, Anantapur.
- (xxvi) The lessee must take suitable precautions for prevention of fires in the forest area. If any fires accidentally occur, he must render all possible assistance in putting them out.

(Contid. ..4)

:: 4 ::

- (xxvii) The lessee shall abide by any other conditions imposed by the Chief Conservator of Forests (Central), Regional Officer, Bangalore / Pri. Chief Conservator of Forests, Andhra Pradesh, Hyderabad from time to time for protection and improvement of flora and fauna and in the interest of conservation of forests in the forest area.
- (xxviii) On breach of any of the above conditions, while working in the leased area is liable to be suspended forthwith and the matter dealt with as per existing rules and regulations and that the matter will be reported to the Government for taking necessary action as deemed fit.
- (xxix) The boundary pillars so erected around the proposed mining area shall not be destroyed, shifted under any circumstances. Any shifting has to be with the prior permission of the Divisional Forest Officer or else the user agency will attract violation of the Forest (Conservation) Act, 1980.


Divisional Forest Officer,
Anantapur.

To
M/s Sri Sai Minerals,
Prop. Sri Peram Nagi Reddy,
16/1282-2,
Sreenivasapuram,
Tadipatri - 515 411.
Anantapur District.

Copy to the Forest Range Officer, Gooty for information and necessary action along with Photostat copy of the G.O. and copy of the agreement executed for necessary action. He should obtain copy of I.B.M. Plan and A.P. Pollution Board Certificate from the user agency and file them in his office for his guidance. The Forest Range Officer is requested to handover the area to the lessee as per the agreement conditions and as per the sketch. The certificate showing the dates of handing over and taking over of 4.05 Ha., of diverted forest land towards renewal of mining lease in Compartment Nos. 594/P & 596/P of Mutchukota Reserve Forest should be submitted forthwith. The Forest Range Officer shall monitor and supervise for proper implementation of the conditions stipulated in the G.O. as well as agreement and proceedings both by the user agency and the Department and report if any violations noticed and submit periodical report on implementation of the conditions regularly.

Copy to the Assistant Director of Mines & Geology, Tadipatri for information and necessary action.

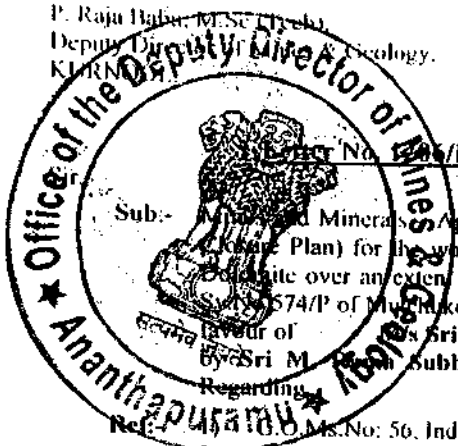

Divisional Forest Officer
Anantapur.

GOVERNMENT OF ANDHRA PRADESH
DEPARTMENT OF MINES & GEOLOGY

ANNEXURE - V

From
P. Raja Babu, M.Sc. (Tech),
Deputy Director of Mines & Geology,
Kurnool.

To
M/s Sri Sai Minerals,
Prop. Sri Peram Nagi Reddy,
H No: 15/591, Water Works Road,
Tadipatri - 515411, Cell: 9908515133.



Letter No: 1206/MS-TDP/2019, dt: -06-2019

Sub: M/s Sri Sai Minerals, Approval of Mining Scheme (including Progressive Mine Closure Plan) for the working period from 2019-20 to 2022-23 for Steatite and Dolomite over an extent of 4.050 Hectares in Compartment No.594/P & 596 of Sy.No.574/P of Mutchukota R.F. Peddapappur Mandal, Anantapuramu District in favour of M/s Sri Sai Minerals, Prop. Sri Peram Nagi Reddy, prepared by Sri M. Subha Reddy, R.Q.P. Mining Scheme - Approved -

Regarding
Ref: G.O.Ms.No: 56, Ind. & Comm. (M.II) Dept., dated: 30.04.2016.

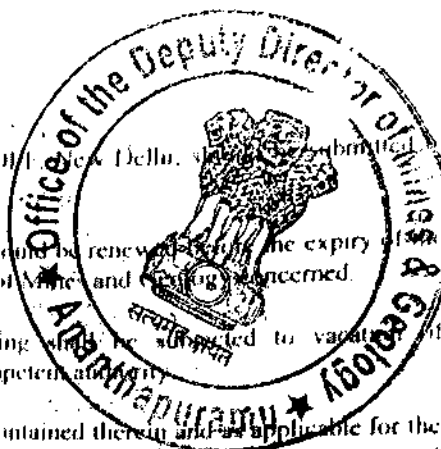
- 2) Prods.No: 28594/P.RQP/2001, dt: 13.05.2016 of the Director of Mines and Geology, Hyderabad.
- 3) Prods.No.852/M2/2003, dt: 12.09.2003 of the Assistant Director of Mines and Geology, Tadipatri addressed to the leaseholder.
- 4) Letter Dated: 26.04.2019, along with Draft Mining Scheme from the lessee received in this office on 26.04.2019.
- 5) Lt. No.1206/MS-TDP/2018, dt: 31.05.2019 to the R.Q.P. / Applicant of the Deputy Director of Mines & Geology, Kurnool.
- 6) Letter dated: 15.06.2019, along with five sets of fair copies of Mining Scheme from the applicant received in this office on 15.06.2019.

* * * *

In exercise of the powers conferred as per amended Rule 7 A (I), (II), (III) and (IV) of APMCM Rules, 1966 read with Proceedings No: 28594/P.RQP/2001, dt: 13.05.2016 of the Director of Mines and Geology, GoAP, Hyderabad and G.O.Ms.No: 56, Ind. & Comm. (M.II) Dept., dated: 30.04.2016, I hereby approve the Mining Scheme (including Progressive Mine Closure Plan) for the working period from 2019-20 to 2022-23 for Steatite and Dolomite over an extent of 4.050 Hectares in Compartment No.594/P & 596 of Sy.No.574/P of Mutchukota R.F, Peddapappur Mandal, Anantapuramu District in favour of M/s Sri Sai Minerals, Prop. Sri Peram Nagi Reddy. This approval is subject to the following conditions:

1. This Mining Scheme including Progressive Mine Closure Plan is approved without prejudice to any other laws applicable to the mine area from time to time whether made by the Central Government, State Government or any other authority or any order / direction from any court of competent jurisdiction.
2. This approval of the aforesaid Mining Scheme including Progressive Mine Closure Plan does not in any way imply the approval of the Government in terms of any other provision of the Mines and Minerals (Development and Regulations) Act, 1957, or the Mineral Concession Rules, 1960 or the other Rules framed there under and any other laws including Forest (Conservation) Act, 1980, Forest Conservation Rules, 2003 and other relevant status, orders and guidelines as may be applicable to the lease area from time to time.
3. The Mining Scheme is approved subject to strictly adhering to the Relevant Regulations of MMR, 1961, provisions of the Mines Act, 1952 and other Rules and Regulations made there under including submission of notice of opening appointment of Manager and other statutory officials as required under the Mines Act, 1952 shall be complied with.
4. Prior permission from the Director General of Mines Safety whenever and wherever it is required.
5. Clearance / Consent / No objection from Ministry of Environment and Forest, Central Pollution Control Board, State Pollution Controlled Board as applicable in this case should be obtain. A copy of the same should be submitted to this office within a period of one month from the date of approval, failing which the approval shall be deemed to have withdrawn.

Contd...2



6. A copy of FIA - EMP report, approved by MCH, New Delhi, submitted to this office within one month of approval letter.
7. The validity period of the financial assurance should be renewed before the expiry of the same and should be submitted to Asst. Director of Mines and Geology concerned.
8. The execution of approved Scheme of Mining shall be subjected to variation of prohibitory orders / notices, if any issued by competent authority.
9. The Mining Scheme is approved for proposals contained therein and is applicable for the mining activities to be carried out within the mining lease hold for 5 years or part period of five years block.
10. If anything is found to be concealed as required by the Mines Act in the contents of approved scheme of mining (including Progressive Mine Closure Plan) and the proposal for rectification has not been made or if at later stage the information furnished in the document is found to be incorrect or misrepresentation of facts, the approval shall be revoked with immediate effect.
11. This Mining Scheme was approved as per the Lease executive sketch of the subject area. Any deviation found later, approval authority does not owe responsibility.
12. 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 on new findings at a later date as per the provisions of (23 B & 23 D) of M.C.D.R., 1988.

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

Yours faithfully,


Deputy Director of Mines & Geology,
Bellary.

Copy submitted to the Director of Mines & Geology, Vijayawada along with A.M.S.

Copy to Sri M. Rama Subba Reddy, RQP, Plot No. 7B, 6th Cross Right side,
M V Nagar, Kappagal Road, Bellary-583103 for information

Copy submitted to the Regional Controller of Mines, IBM, Sultan Bazar, Hyderabad for
favour of information.

Copy submitted to the Director of Mines Safety, Bellary for favour of information.

Copy submitted to the Zonal Joint Director of Mines and Geology, Kadapa for favour of information.

Copy to the Asst. Director of Mines & Geology, Tadipatri along with A.M.S with a
request to obtain valid Bank Guarantee (Financial Assurance) from the applicant.

ANNEXURE - VI

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

Circular Memo No. 3061432/P/2021

Dated: 16.07.2021.

Sub: Mines & Minerals - Grant of Mining Leases/Prospecting Licence/Quarry Lease in Forest Land - Instructions Issued - Regarding.

- Ref: 1. Memo. No. 3778/For(1)20001-1, Dt. 20.04.2001 from Environment, Forest, Science & Technology (For.1) Department.
2. Memo. No. 5624/For(1)2003-2, Dt. 1.09.2005 from Environment, Forest, Science & Technology Department.
3. Circular Memo.No.10205/P1/2001, Dt. 29.05.2009. from Director of Mines &Geology, Hyderabad.
4. Circular Memo.No.10205/P1/01, Dt. 16.09.2009. from Director of Mines &Geology, Hyderabad.
5. Ref.No.EFS02-15029/94/2018-FCA-SEC-PCCF/FCA-,Dt.13.07.2021. from Principal Chief Conservator of Forest &Head of Forest Force, Guntur.

The attention of the all Assistant Directors and Deputy Directors of Mines &Geology in the state are drawn to the subject and references cited. Through the reference 4th cited Director of Mines &Geology issued Guidelines for processing of ML/QL applications for clearances under forest Conservation Act 1980, to avoid legal complications in future.

In the reference 5th cited, the Principal Chief Conservator of Forest & Head of Forests, Andhra Pradesh stated that during the virtual meeting held with GoI, MoEF & CC, New Delhi on 08.07.2021 while receiving the proposals of the some of applications for which this office forwarded to PCCF for grant of Quarry lease in forest areas, they suggested the authenticated DGPS surveyed sketch of proposed forest area with Geo-coordinates duly indicating land use plan for mining, safety zone, approach road in respect of the four mining proposals, and necessary instruction are being issued to the above user Agencies to furnish the Draft Mining plan based on the above precise area arrived after conducting DGPS survey, to the Director of Mines &Geology, Andhra Pradesh., Ibrahimpatnam for necessary action. Further also informed that the DM&G, AP/the representative authorized by him, may approach the concerned Divisional Forest Officers for entry into Forests to inspect the precise forest area proposed for mining purpose, and finally requested to submit AMP of the said mining proposals as stated below:

1. Grant of quarry lease over an extent of 4.78 ha. Of forest land in compartment no.127, Kondaveedu RF, Ameenabad beat, Perecherla (V), Medikondur Mandal, Guntur for Road Metal &Building Stone in favour of Kunambrahmananda Redd, Ongole, Prakasam District.
2. Grant of quarry lease over an extent of 4.49 ha. Of forest land in compartment no.127, Kondaveedu RF, Ameenabad beat, Perecherla(V), Medikondur Mandal, Guntur for Road Metal &Building Stone in favour of Sri Dar Appa Rao, West Godavari District.
3. Diversion of forest land over an extent of 4.72 ha. In compartment no.450 of Yerrakonda R, Tummagunta Village, Kanigiri Mandal, Prakasam District for excavation of Quartz in favour of M/s AhobilaNarasimha Minerals.

4. Diversion of 4.90 ha. Of forest land falling in compartment no. 205 of Ragimanupenta RF, Banagarupalyam (M), Chittoor (West) Division in f/o M/s Prathima Granites for grant of quarry lease for Black Granite.

In this connection it is to inform that, as per the existing provisions laid down under APMMC Rules 1966 the AMP shall allowed only after issue of Notice (LOI) to the applicant. But as per the present instructions received from the PCCF vide reference 5th cited, in the cases, where the M.C. Applications falls in forest area, the proposal shall submit along with AMP duly following the instructions issued in the references 3rd & 4th cited.

Therefore the ADM&G's and DDM&G's in the state are directed while processing mineral concession applications falling in the forest area, proposals shall submit to the DM&G along with the AMP and strictly adhering the instructions issued earlier and approach with the concerned DFO to process the Mineral concession applications as the procedure intimated by the PCCF if necessary.

Further the DDM&G's in the state are directed to consider the AMP for approval of the forest area applications in advance without issuing of Notice to the applicants requesting to submit AMP, EC & CFE.

Sd/- V.G.Venkata Reddy
Director of Mines &Geology

Encl: References as stated above

To

The all ADM&G's (Regular) in the State.

The all DDM&G's in the State.

Copy to the Section Superintendents from D1 to D13 / In- charge officers of sections Sand, Vigilence, IT, MR, MERIT,

Copy to DM&G pashi.

Copy submitted to the Principal Chief Conservator of Forest & Head of Forest Force, AranyaBhavan, Andhra Pradesh, K.M. Munshi Road, Guntur-522004, with a request to issue suitable instructions to DFO's in the State for allow if the Mines &Geology Officials and user Agencies to inspect and preparing of AMP in the forest areas.

//Attested//

G. Senthil Babu.

Assistant Director of Mines &Geology

GOVERNMENT OF ANDHRA PRADESH
DEPARTMENT OF MINES AND GEOLOGY, HYDERABAD

Circular Memo No. 10205/P/2001 Dated: 29-05-2009.

Subj: Mines and Minerals - Issuance of Mining Leases/Prospecting Licence/Quarry Leases in Forest Lands - Guidelines issued - Reg.

- Ref:- 1. Govt. Memo No. 564/EOB-I(1)/2005-2, EFST Dept., Dt. 01-09-05.
2. Circular Memo No. 564/EOB-I(1)/2005-2, Dt. 17-09-2008.
3. D.O. Letter No. 10205/P/2001, Dt. 05-2009 to the Principal Chief Conservator of Forests, Government of Andhra Pradesh, Hyderabad.

The attention of the all the Asst Directors of Mines & Geology/Deputy Directors of Mines & Geology/Zonal Joint Directors of Mines & Geology in the State is drawn to the subject and reference 1st cited, wherein the Government issued instructions regarding processing of the applications received for grant of mining lease/prospecting Licence/Quarry Leases in Forest Lands. As per the instructions, the Principal Chief Conservator of Forests, Hyderabad has to process such of those applications for clearance under Forest Conservation Act, 1980 which are received with proper technical observations through the Mines and Geology Department. It is also mentioned in the instructions that mere forwarding of any mining lease applications by the Mines and Geology Department does not confer any right to the applicant for grant of mining lease/prospecting license/quarry lease as the process involves statutory procedure prescribed under Forest Conservation Act, 1980.

In this regard through reference 2nd cited instructions have been issued on the procedure to be followed by the Assistant Directors of Mines & Geology. However, for further clarity it is informed that the powers to grant leases have been vested with different authorities in the State. As far as minor minerals are concerned, except granite useful for cutting & polishing, the granting authority is the Regional Deputy Director of Mines & Geology. In respect of granite useful for cutting & polishing, the Director of Mines & Geology is the granting authority. In respect of all major minerals, the Government is the granting authority.

Further, the grant of leases is subject to various provisions contained in the Andhra Pradesh Minor Mineral Concession Rules, 1966 in respect of minor minerals and Mineral Concession Rules, 1960 in respect of major minerals. According to the said procedures at times first-cum-first-serve system will be adopted and at times meritorious applications have to be considered overlooking the priority. Therefore, once granting authority decides in principle about the grant of lease depending upon various provisions of the rules, then the statutory formats shall have to be forwarded by the said authority to the Forest Department for consideration to issue clearance under Forest Conservation Act, 1980. This avoids entertaining applications from ineligible applicants for grant of leases with the Department of Mines & Geology.

Keeping in view of all these factors through reference 3 cited, the Principal Chief Conservator of Forests, Hyderabad has been requested to issue suitable instructions to the District Forest Officers not to entertain any proposals received from any officers or user agencies directly other than the competent granting authority and in such cases they may be advised to get the proposals forward through the competent granting authority.

In view of the above, all the Asst. Directors of Mines & Geology/Deputy Directors of Mines & Geology/Zonal Joint Directors of Mines & Geology in the State are directed to follow these guidelines scrupulously without any deviation. Further, all the Asst. Directors of Mines & Geology are requested to call back any proposals submitted by them directly to the Forest Department requesting to return the same without processing so as to avoid any legal complications in future.

The receipt of memo may be acknowledged by return post.

Sd/- V.D. RAJA GOPAL
DIRECTOR OF MINES AND GEOLOGY

// Attested //

For Director of Mines and Geology

To:

- All the Asst. Directors of Mines and Geology in State for necessary action.
- All the Deputy Directors of Mines and Geology in the State for necessary action.
- All the Zonal Joint Directors of Mines & Geology in the State for information.
- Copy to all officers in the Head Office.
- Copy to all Sections in the Head Office.
- Copy to "P" Section for Stock File.

GOVERNMENT OF ANDHRA PRADESH
ENVIRONMENT, FOREST SCIENCE & TECHNOLOGY (FOR-1) DEPARTMENT

Memo No. 3778/For(1)20001-1, date: 20/04/2001

Sub: M&M Minor Minerals certain quarry leases for state stone hold adjacent to the R.F. area sanction of quarry-leases without consulting the D.F.O. Cancellation of quarry lease Report - Regarding.
Ref: From the Pri. Chief Conservator of Forests No. 52627/200/F.2, dt: 9/4/2001.

The attention of the Director, Mines and geology is invited to the reference cited. He is informed that the Principal Chief Conservator of Forests in his letter to the Reserve Forest without obtaining the No Objection Certificate from the Forest Department before granting mining leases as required under A.P. Board of Revenue standing order No. 35 (H) resulting in illicit quarrying in Reserve Forest and violation of the provisions of Forest (Conservation) Act.

2. Hence the Director, Mines and Geology is requested to issue suitable instructions to the concerned not to issue mining lease in forest areas and also adjacent areas without consulting the concerned forest officials as once the lease is granted by Mining Department without consulting the Forest Department it is very difficult to cancel the lease and in several cases the parties are approaching the Hon'ble High Court the matter is getting complicated.

Sd/- G. MADHUKAR RAJ
SPECIAL SECRETARY TO GOVERNMENT

// True copy //

Government of Andhra Pradesh
Forest Department

PCCF's ENdt. No. 52627/2000-F.2
Dated: 15-05-2001

Office of the Pri. Chief Conservator of Forests,
Arabya Bhavan, A.P., Hyderabad
Sri.K. Subba Rao, IFS.,
Pri. Chief Conservator of Forests

Communicated for information and taking necessary action. The Conservator of Forests are also requested to communicate the above G.M. to all their D.F.O's with a request to brought the above instructions to the notice of Assistant Director of Mines & Geology of the District and other concerned officials.

Sd/- K.R.V. Rao;
For Principal Chief Conservator of Forests

To
All the Conservator of Forests (Territorial)
Copy to the Director of Mines & Geology, Andhra Pradesh, Hyderabad with a request to issue suitable instructions to all the A.D.M.G's.
Copy to Stockfile/Spans.5.

// True Copy //

Sd./x x x x/

Divisional Forest Officer, Mahabubnagar.

Endorsement File No. 687/P1/09, dt. 27.01.2009.

Copy Communicated to all ADMG's/ ADMG's (Vig)/ DDMG's/ ZJDMG's/ DDMG's(H/O) for taking further necessary action in the matter.

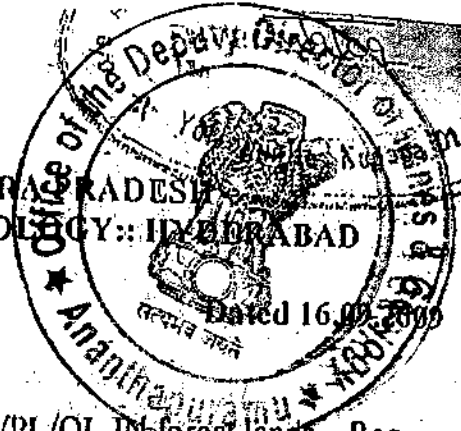
Sd/- G. Madhukar
for Director of Mines & Geology

// F.C.F.O //


Superintendent

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

Circular Memo No. 10205/P1/01



Sub: - Mines and Minerals - Granting of ML/PL/QL in forest lands - Reg.

Ref: - Rc.No. 25065/2009/F2, dt.23.07.2009. From PCCF, Hyderabad.

The attention of all the ADMGs/DDMGs/ ZJDMGs in the state is drawn to the subject and reference cited wherein the PCCF, Hyderabad has informed about the Government directions of processing of ML/QL applications for clearances under Forest Conservation Act 1980.

The principal Chief Conservator of Forests, Hyderabad through the reference cited has requested the DMG to issue necessary directions to all the concerned field officers of Department of Mines and Geology not to forward any application for which they are not the competent granting authority. Further, while forwarding any application for grant of ML/QL over forest lands they may be advised specifically to mention that the application is being forwarded by them in the capacity as competent granting authority to avoid any further complications.

In view of the above, all the ADMGs / DDMGs / ZJDMGs in the state are directed to follow the above guidelines scrupulously without any deviation so as to avoid any legal complications in future.

The receipt of the memo may be acknowledged by return post.

Sd/- V.D. RAJA GOPAL,
DIRECTOR OF MINES AND GEOLOGY.

"F.C.F.E.O."

SUPERINTENDENT.

To
All the ADMGs / DDMGs / ZJDMGs in the state for taking necessary action.
Copy to all officers and sections in Head Office.

GOVERNMENT OF ANDHRA PRADESH
ENVIRONMENT FORESTS SCIENCE AND TECHNOLOGY DEPARTMENT

MEMO NO. 5624/FOR.I(1)/2005-2

26/10/05
DATED: 1-9-2005

Sub: Forest Department- Mines and Minerals- Applications for grant of Q.L / Mining lease in forest areas- Processing of applications for grant of mining lease through Mines and geology Department- Instructions--Issued.

Ref: From Industries & Commerce Department. D.O. Letter No.12087/ Mines II(1) /2005-1, dated: 27-6-2005.

As per the guidelines of the Government of India the nodal officer of the Forest Department receives applications from the user agencies for diversion of forest lands for various purposes including mining operations. In this context the Industries and Commerce Department has reported that entertaining statutory proforma applications direct from the User Agency by the Forest Department may lead to complicating the process of Q.L/PL/Mining lease and prolong the process of disposal. This may also create legal complications for both the Departments including Government of India. They have further stated that on the top of this, securing forest clearance does not confer any right to claim for grant of Q.L/Mining lease etc. as the applications are to be examined taking into consideration the experience, financial capacity, technical knowledge and also priorities of Public Sector Undertakings if any. To avoid such complications, the Industries and Commerce Department, have requested the EPS & T Department to issue necessary instructions in the matter.

After consideration of the issue Government hereby direct the Principal Chief Conservator of Forests, Hyderabad to process the Mining leases/ Q.L applications for clearance under Forest (Conservation) Act, 1980 after receiving the applications with technical observations through the Mines & Geology Department. However, mere forwarding of any mining lease application by the Mines & Geology Department does not confer any right to the applicant for grant of mining lease/Q.L as the process involves statutory procedure prescribed under F.(C). Act, 1980.

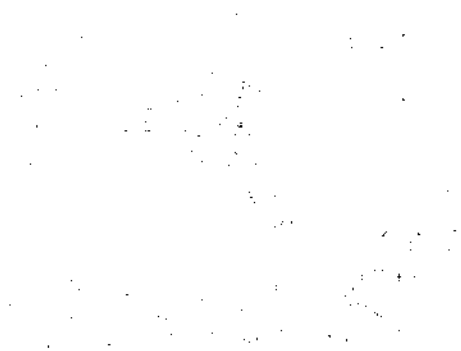
The Principal Chief Conservator of Forests, Hyderabad is requested to follow the above instructions and communicate the above orders to all concerned Conservators of Forests / Deputy Conservators of Forests.

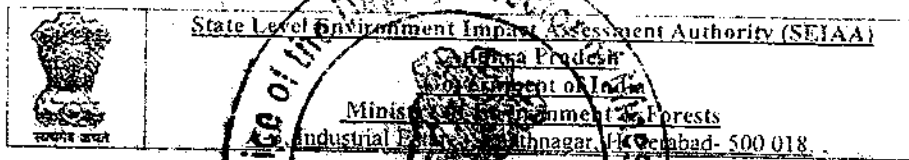
T.CHATTERJEE,
PRINCIPAL SECRETARY TO GOVERNMENT.

The Principal Chief Conservator of Forests, Hyderabad,
The Industries & Commerce Department, Hyderabad,
The Director, Mines & Geology Department, Hyderabad,
C.S.F.

//FORWARDED :: BY ORDER //

SECTION OFFICER.





Order No. SEIAA/AP/AT - 52/2013

Dt: 23.10.2013

Sub: SEIAA, A.P. 4.05 Ha. Steatite & Dolomite Mine of M/s. Sri Sai Minerals, Compartment No. 594/P & 596/P of Mutchukota Reserve Forest, Peddapappur (M), Ananthapur District. Environmental Clearance - Issued - Reg.

- I. This has reference to your application submitted vide br. dt. 14.08.2013, seeking Environmental Clearance for the proposed Steatite & Dolomite Mine in favour of M/s. Sri Sai Minerals, Compartment No. 594/P & 596/P of Mutchukota Reserve Forest, Peddapappur (M), Ananthapur District. It was reported that the nearest human habitation viz., Jula Kalva (V) exists at a distance of about 2.35 km from the mine lease area. It was noted that the capital investment of the project is Rs. 15.0 Lakhs and capacity of the project is as follows:

Mining of Dolomite	: 1031 TPA
Mining of Steatite	: 2498 TPA

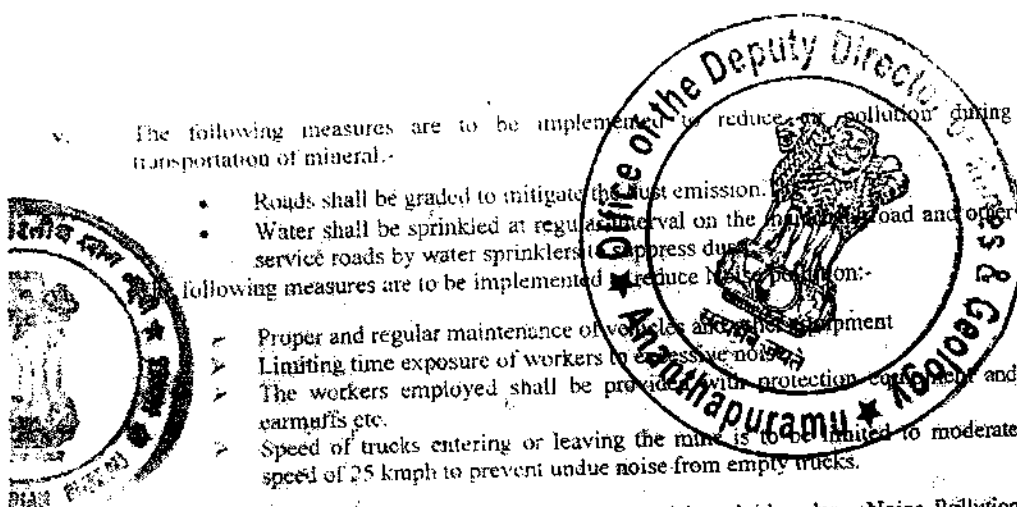
- II. It is a semi mechanized underground mine. After breaking the mineral into required size by drilling and blasting, it is directly loaded into the trucks. No beneficiation of the ore/mineral is proposed. It is reported that the life of the Steatite Mine is estimated 22 years and Dolomite Mine is 36 years. The total mine lease area is 4.05 Ha.
- III. The proposal has been examined and processed in accordance with EIA Notification, 2006 and its amendments thereof, & Office Memorandum dt. 18.05.2012 issued by the MoE&F, GOI. The State Level Expert Appraisal Committee (SEAC) examined the application, in its meetings held on 28.08.2013. The project is exempted from the process of public hearing as the mining lease area is less than 25 Ha. in accordance with the guidelines approved by the SEIAA, AP for processing the applications of mining projects. Based on the information furnished, presentation made by the proponent and the environmental consultant M/s. Pioneer Enviro Laboratories & Consultants Pvt. Ltd., Hyderabad; The State Level Environment Impact Assessment Authority (SEIAA), in its meeting held on 09.10.2013 examined the proposal and the recommendations of SEAC and decided to issue Environmental Clearance. The SEIAA, A.P hereby accords Environmental Clearance to the project as mentioned at Para no. I under the provisions of the EIA Notification 2006 and its subsequent amendments issued under Environment (Protection) Act, 1986 subject to implementation of the following specific and general conditions:

A. Specific Conditions:

a) Air Pollution:-

- i. Wet drilling method shall be adopted to control dust emissions. Delay detonators and shock tube initiation system for blasting shall be used so as to reduce vibration and dust.
- ii. Greenbelt shall be developed along the boundary of mining lease area with tall growing trees, with the native species in consultation with the local DFO/Agriculture Department.
- iii. Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading and unloading and at transfer points should be provided and properly maintained.
- iv. The proponent shall take appropriate measures to ensure that the GLC shall comply with the revised NAAQ notified by MoE&F, GoI on 16.11.2009.





v. The following measures are to be implemented to reduce air pollution during transportation of mineral:-

- Roads shall be graded to mitigate the dust emission.
 - Water shall be sprinkled at regular interval on the haulage road and other service roads by water sprinklers to suppress dust.
- The following measures are to be implemented to reduce Noise pollution:-
- Proper and regular maintenance of vehicles and their equipment
 - Limiting time exposure of workers to excessive noise
 - The workers employed shall be provided with protection equipment and earmuffs etc.
 - Speed of trucks entering or leaving the mine is to be limited to moderate speed of 25 kmph to prevent undue noise from empty trucks.

vii. Measures should be taken to comply with the provisions laid under Noise Pollution (Regulation and Control) (Amendment) Rules, 2010; dt. 11.01.2010 issued by the MoE&F, GOI to control noise to the prescribed levels. Workers engaged in operations of HEMM, etc should be provided with ear plugs/muffs.

b) Water Pollution:-

- i. The source of water is Bore well. Total water requirement is 5.0 KLD used for dust suppression, green belt and domestic purpose. Wastewater generated from the domestic section is to be disposed into septic tank followed by soak pit.
- ii. Garland drain and siltation ponds of appropriate size should be constructed for the working pit to arrest flow of silt and sediment. The water so collected should be utilized for watering the mine area, roads, green belt development etc. The drains should be regularly desilted, particularly after monsoon, and maintained properly.
- iii. Regular monitoring of ground water level and quality should be carried out by establishing a network of existing wells by the project proponent in and around project area in consultation with Regional Director, CGWB, Southern Region, Hyderabad. Data thus collected should be sent at regular interval to MoEF, CGWA and CGWB, Southern Region, Hyderabad.
- iv. Suitable conservation measures to augment groundwater resources in the area shall be planned and implemented in consultation with Regional Director, CGWB, Southern Region, Hyderabad. Suitable measures should be taken for rainwater harvesting.
- v. Permission from the competent authority should be obtained for drawl of ground water, if any, required for this project.

c) Solid Waste :-

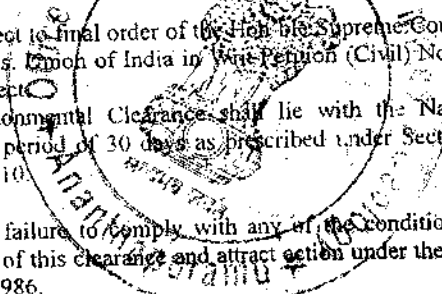
- i. Topsoil, if any, shall be stacked properly with proper slope with adequate measures and should be used for plantation purpose.
- ii. The following measures are to be adopted to control erosion of dumps:-
 - Retention/ice walls shall be provided at the foot of the dumps.
 - Worked out slopes are to be stabilized by planting appropriate shrub/grass species on the slopes.
- iii. Waste oils, used oils generated from the EM machines, mining operations, if any, shall be disposed as per the Hazardous Wastes (Management, Handling, and transboundary movement) Rules, 2008 and its amendments thereof to the recyclers authorized by APPCB.

B. General Conditions:

- i. This order is valid for a period of 20 years OR the expiry date of mine lease period issued by the Government of A.P., whichever is earlier. It was reported that the life of the Steatite Mine is estimated 22 years and Dolomite Mine is 36 years.

- ii. "Consent for Establishment" & "Consent for Operation" shall be obtained from Andhra Pradesh Pollution Control Board under A.P. Water Act to carry on mining.
- iii. No change in mining technology, area scope or mining should be made without prior approval of the SEIAA. A.P. No further expansion or modifications in the mine shall be carried out without prior approval of the SEIAA, A.P. MoE&F, Govt, New Delhi, as applicable.
- iv. The half-yearly compliance reports in respect of the terms and conditions stipulated in this order & monitoring reports shall be uploaded on the website of the project periodically. It shall simultaneously be submitted in hard and soft copies to the SEIAA and Ministry's Regional office, Bangalore on 1st January and 1st December of each calendar year.
- v. Officials from the Regional Office of MoE&F, Bangalore who would be monitoring the implementation of environmental safeguards should be given full co-operation, facilities and documents/data by the project proponents during their inspection. A complete set of all the documents shall be submitted to the Regional Office to MoE&F, Bangalore.
- vi. Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.
- vii. Data on ambient air quality should be regularly submitted to the Ministry including its Regional Office located at Bangalore and the State Pollution Control Board/ Central Pollution Control Board once in six months.
- viii. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.
- ix. The project proponent shall ensure that no natural watercourse and/or water resources shall be obstructed due to any mining operations. Necessary safeguard measures to protect the first order streams, if any, originating from the mine lease shall be taken.
- x. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.
- xi. A separate environmental management cell with suitable qualified personnel should be set-up under the control of a Senior Executive, who will report directly to the Head of the Organization.
- xii. The funds earmarked for environmental protection measures (Capital cost & Recurring cost of Rs. 1.5 lakhs/annum) should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry and its Regional Office located at Bangalore.
- xiii. The project proponent shall submit the copies of the environmental clearance to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- xiv. The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and SEIAA, A.P.
- xv. The SEIAA or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
- xvi. The proponent shall obtain all other mandatory clearances from respective



- 
- xvii. Environmental clearance is subject to final order of the Hon'ble Supreme Court of India in the matter of Goa Foundation Vs. Union of India in Writ Petition (Civil) No.460 of 2004 as may be applicable to this project.
 - xviii. Any appeal against this Environmental Clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
 - xix. Concealing the factual data or failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
 - xx. The SEIAA may revoke or suspend the order, if implementation of any of the above conditions is not satisfactory. The SEIAA reserves the right to alter/modify the above conditions or stipulate any further condition in the interest of environment protection.
 - xxi. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules.

Sd/-
MEMBER SECRETARY
SEIAA, A.P.

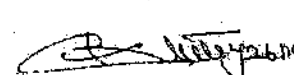
Sd/-
MEMBER
SEIAA, A.P.

Sd/-
CHAIRMAN,
SEIAA, A.P.

To
Sri Peram Nagi Reddy, Proprietor,
M/s. Sri Sai Minerals,
(4.05 Ha. Steatite & Dolomite Mine),
H.No. 16/1282-2, Srinivasapuram,
Tadipatri-515411.
Ananthapur District.
Ph.No. 9848079397.

-//T.C.F.B.O.//




Senior Environmental Engineer
(Unit - I)

ANDHRA PRADESH POLLUTION CONTROL BOARD
ZONAL OFFICE

1st Floor, Shankar Shopping Complex, Krishna Nagar Main Road
KURNOOL - 518 002

A. RAMCHAND
Joint Chief Environmental Engineer

Phones : 236912, 233812
Fax : 08518 - 233619

BY REGD. POST
CONSENT ORDER

Consent Order No. **APPCB/ZO-KNL/CFO/2011-769** Dated **16.11.2011**

(Consent Order for Existing New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof and operation of the plant under Section 21 of Air (Prevention & Control of Pollution) Act, 1981 and amendments thereof).

CONSENT is hereby granted under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under Section 21 of Air (Prevention & Control of Pollution) Act, 1981 (hereinafter referred to as "as Act") and the rules and order made thereunder to

M/s. Sri Sai Minerals,
Sy.No. 574, Extent 4.05 Ha,
Mutchukota R.F., Peddapappur(M),
Anantapur Dist.

(hereinafter referred to as the "the Applicant") authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of emissions per hour from the chimneys as details below:

Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge (Ltrs/Day)	Point of Disposal
1	Domestic Effluents	400	Septic tank followed by soak pit.

Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions in M3/hr. at peak flow
-	-	-

This order is subject to the provisions of the Acts and orders made thereunder and further subject to the terms and conditions incorporated in the Schedule A and B enclosed to this order.

This consent order is valid for manufacture the following products along with quantities only.

Sl. No.	Products	Quantity
1	Mining of Dolomite	5.0 TPD
2	Mining of Steatite	15.0 TPD

This consent shall be valid for a period ending, with the 30th day of September, 2014.


JOINT CHIEF ENVIRONMENTAL ENGINEER,
ZONAL OFFICE, KURNOOL.



To

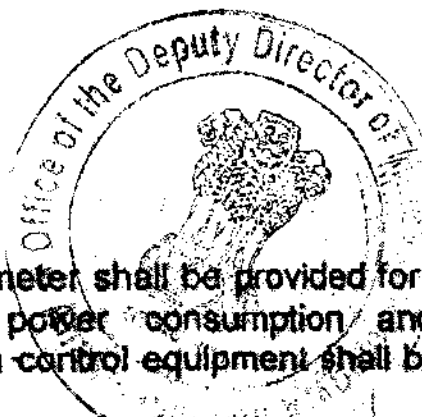
M/s. Sri Sai Minerals,
D.No.16/1282-2/Srinivasapuram
Tadipatri - 515411.
Anantapur Dist.

Copy to:-

1. The Member Secretary, A.P. Pollution Control Board, Sanath Nagar, Hyderabad for information.
2. The Environmental Engineer, Regional Office, Kurnool for information and necessary action.
3. Stock File.

SCHEDULE - A

- 1) The applicant shall make applications for renewal of consent (under Water and Air Acts) at least 60 days before the date of expiry of this consent, along with prescribed fee under Water and Air Acts for obtaining consent of the Board.
- 2) The industry shall immediately submit the revised application for consent to this Board in the event of any change in the raw material used, processes employed, quantity of trade effluents, quantity of emissions etc.
- 3)
 - a) All the fugitive emissions shall be controlled with proper measures.
 - b) The applicant shall also install the equipment such as wind speed recorder, wind directions recorder and rainfall measuring equipment.
- 4) The applicant shall not change or alter either the quality or the quantity or the rate of the discharge or the route of discharge and shall not change or alter either the prescribed quality or the rate of emission without the previous written permission of the Board.
- 5) The applicant shall, not later than 30 days from the date of issue of this consent order, certify in writing to the Board that the applicant has installed or provided for an alternative electric power source sufficient to operate all facilities installed by the applicant, to comply with the terms and conditions of this consent. In absence of alternative electric power source sufficient to operate all facilities installed by the applicant, to comply with the terms and conditions of this consent, production shall be stopped.
- 6) Any up-set condition in any plant/plants of the industry, which result in, increased effluent discharge and/or violation of standards stipulated in this order or the emission of any air pollutant into the environment in excess of the standards laid down by the Board, occurs or is apprehended to occur due to accident, or other unforeseen act or event, the person-in-charge of the premises, from where such discharge/emission occurs or is apprehended to occur shall forthwith intimate the fact of such occurrence or the apprehension of such occurrence to this Board, by fax/e-mail under intimation to the Collector and District Magistrate.
- 7) In case of such episodal discharges/emissions mentioned in item 6 above, the industry should take immediate action to bring down the discharge/emission below the limits prescribed in this order.
- 8) A good house keeping shall be maintained both within the factory and in the premises. All hoods, pipes, valves, sewers and drains shall be leak proof. Floor washings shall be admitted into the effluent collection system only and shall not be allowed to find their way into storm water drains or open areas.
- 9)
 - a) The industry shall carryout analysis of wastewater discharges or emissions through chimneys, for the parameters mentioned in Schedule -- B of this order at regular intervals
 - b) The industry shall maintain following records to accessible to the Board, whenever required.
 1. Analysis reports of wastewater/emissions.
 2. Log book for operation of pollution control systems.
 3. Inspection book
- 10) The applicant shall set up THREE Ambient Air Quality Monitoring Stations for continuous recording of relevant critical parameters mentioned in Schedule - B as per the CPCB guidelines and submit monthly reports.



- 11) Separate power connection with energy meter shall be provided for the pollution Control Equipment's and record of power consumption and chemicals consumption for the operation of pollution control equipment shall be maintained separately.
- 12) The applicant shall submit Environment statement in Form V before 30th September every year as per Rule No.14 of E(P) Act, 1986 Rules.
- 13) The applicant shall comply with the directives/orders issued by the Board in this consent order and at all subsequent times without any negligence on his part. The applicant shall be liable for such legal action against him as per provisions of the Law/Act in case of non-compliance of any order/directive issued at any time and/or violation of the terms and conditions of this consent order.
- 14) The applicant shall furnish to the visiting officer and/or the Board any information regarding the construction, installation or operation of the effluent treatment system/air pollution control equipment and such other particulars as may be pertinent for preventing and controlling pollution.
- 15) The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and district Magistrate as Civil liability.
- 16) All the rules & regulations notified by Ministry of Environment and Forests, Govt. of India in respect of management, handling, transportation and storage of hazardous chemicals and wastes shall be followed.
- 17) All the rules & regulations notified by Ministry of Law and Justice, Govt. of India regarding Public Liability Insurance Act, 1991 shall be followed.
- 18) The applicant shall exhibit the consent order of the Board in the factory premises at a prominent place for the information of the inspecting officers of the different departments.
- 19) Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserved to it the right and power under section 27 (2) of the Water (Prevention & Control of Pollution) Act, 1974 and its amendments thereof and under section 27 (2) of the Air (Prevention & Control of Pollution) Act, 1986 and its amendments thereof to review any and/or all the conditions imposed herein above and to make such variations as deemed fit for the purpose of the acts by the Board.


JOINT CHIEF ENVIRONMENTAL ENGINEER,
ZONAL OFFICE, KURNOOL

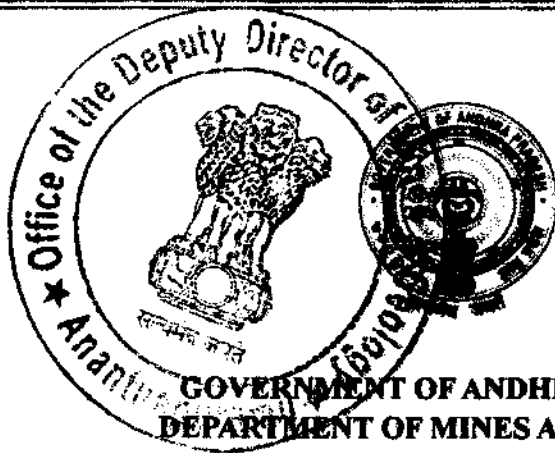
SCHEDULE - B

Special Conditions:

1. The industry shall not increase the capacity beyond the permitted capacity mentioned in this order, while retaining CFE of the Board.
2. The applicant shall put up 2 black boards of size 6 ft by 4 ft at the main entrance to their plant. One board shall contain the specific CFE and CFO conditions, in sufficiently large font size so that it can be read easily from a distance of 10 ft to a normal eye, and other board shall carry, again in sufficiently large font size so as to be able to read from a distance of 10 ft the latest water, air and noise and solid waste monitoring data as well as the maximum vulnerable zone.
3. Industry shall dump the over burden soil on their mine leased area and shall be used for reclamation of the mine pit area.
4. Industry shall plant the saplings on the over burden soil to avoid run-off during rainy season and shall maintain green cover in all seasons throughout their lease period.
5. Industry shall take all safety precautions while carrying out mining operations and follow the IBM Rules.
6. Non - Operative dumps shall be subjected to technical and biological reclamation.
7. Plantation over and around over-burden dumps to be grown to ensure stability of slopes and prevention of dust by wind action.
8. Wetting of surface of over burden dumps to be regularly practiced.
9. Industry shall construct required number of retaining walls to provide stability to the dumps.
10. Industry shall practice the spraying of water on haulage roads and approach roads (Road connecting Main Road to mining area) to avoid dust nuisance to the fields adjacent to the roads.
11. Industry shall cover the lorries transporting Dolomite & Steatite with tarpaulin sheets to avoid dust nuisance during transportation.
12. Industry shall plant required number of locally available and locally suitable species all along the either side of the approach roads to avoid dust nuisance to the adjacent fields located on either side of the approach roads.
13. Industry has to construct a concrete check dam at the bottom of hillock to store the water for the use of farmers and as well as to raise the groundwater table in the area.
14. Industry has to construct the check dams, garland bund and galley troops so as to avoid being carried away of lime stone during the rainy season.
15. Industry shall adopt dust suppression methods to control the dust pollution generated during drilling, loading & transportation to avoid dust nuisance to the surroundings areas.
16. Industry shall develop thick greenbelt all along the approach road and vacant areas of the Mine Lease area.
17. The industry has to construct more number of retaining walls and drains around waste dumps and check dams across the natural nallahs to avoid the silt being carried away along with the runoff.
18. Industry shall comply with the directions issued by the Board from time to time.


JOINT CHIEF ENVIRONMENTAL ENGINEER,
ZONAL OFFICE, KURNOOL.





GOVERNMENT OF ANDHRA PRADESH
DEPARTMENT OF MINES AND GEOLOGY

CERTIFICATE OF REGISTRATION

AS QUALIFIED PERSON TO PREPARE MINING PLAN

[Issued Under Rule 14(2) of Granite Conservation and Development Rules, 1999]

Sri M.Rama Subba Reddy, S/o. M.Narasimha Reddy, D.No:4-8-193, Chavvasudhakar Reddy nagar, Bypass Road, Pulivendula, Y.S.R.District-516390. 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 under Rule 7(A)(ii) of AP Minor Mineral Concession Rules, 1966, under Rule 13 of Granite Conservation & Development Rules, 1999 & under Rule 13 of Marble Conservation and Development Rules, 2002.

Registration Number is :

RQP/DMG/AP/06/2022

This Recognition is valid for a period of 10 years with effect from 09.05.2022 and valid upto 08.05.2032.

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 : 09.05.2022


Director of Mines & Geology
Director of Mines & Geology
Department of Mines & Geology
Govt. of Andhra Pradesh
Ibrahimpatnam-521456

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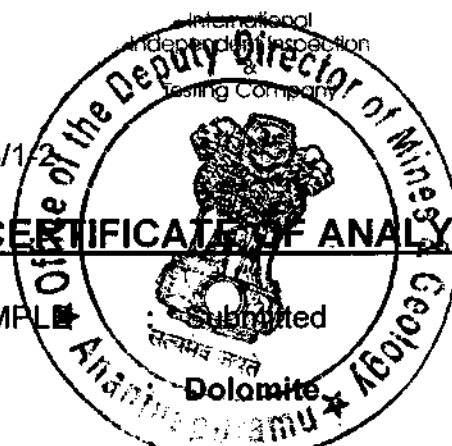
GEO-CHEM LABORATORIES PVT. LTD.
Geo-Chem House,
294, Shahid Bhagat Singh Road,
Fort, Mumbai 400001, India.
Tel: +91 22 66383838 Fax: +91 22 66383800
Email: mumbai@geochem.net.in
CIN: U74220MH1964PTC013022

ANNEXURE - IX

No. BEL/JP/18-19/001265/1

Date: 28.12.18

CERTIFICATE OF ANALYSIS



1. PARTICULARS OF SAMPLE

a) Nature of Sample

Submitted

Dolomite

b) Name of the Party

M/S SRI.SAI MINERALS

PROP : SRI.PERAM NAGI REDDY.

c) Register No.

: BEL/JP/18-19/ 001265/1-2

d) Date of Register

: 20.12.18

e) Mark

: Sample No.1 & 2

2. RESULTS OF ANALYSIS

:

ANALYSIS ON SAMPLE DRIED AT 105°C

		Sample No.1	Sample No. 2
Calcium Oxide	CaO	32.40 %	31.70 %
Magnesium Oxide	MgO	20.54 %	19.45 %
Silica	SiO ₂	03.58 %	02.98 %
Alumina	Al ₂ O ₃	1.13 %	1.08 %
Ferric Oxide	Fe ₂ O ₃	0.96 %	0.82 %
Loss on ignition	LOI	40.95 %	42.88 %

FOR GEO-CHEM LABORATORIES PVT LTD

Authorized signatory

This inspection / testing has been performed to the best of our ability and our responsibility is limited to proven negligence. This certificate, which is issued on conditions stipulated overleaf, reflects our findings at the time and place of inspection / testing and does not relieve parties from their contractual obligations. Samples will be retained by us for a period of sixty days only, unless specific instructions to the contrary are received.

Geo-Chem Laboratories Pvt. Ltd. is not responsible for the authenticity of photocopied or computer scanned reports / certificates.

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Regd. Off.: Geo-Chem House, 294, Shahid Bhagat Singh Road, Fort, Mumbai 400001, India.
www.geochem.net.in

ISO 9001:2015 CERTIFIED COMPANY

1. The first part of the paper discusses the importance of the study of the history of the United States. It is argued that the study of the history of the United States is essential for a full understanding of the country and its people. The paper then discusses the various methods used by historians to study the past, including the use of primary and secondary sources, and the importance of critical thinking in the study of history.

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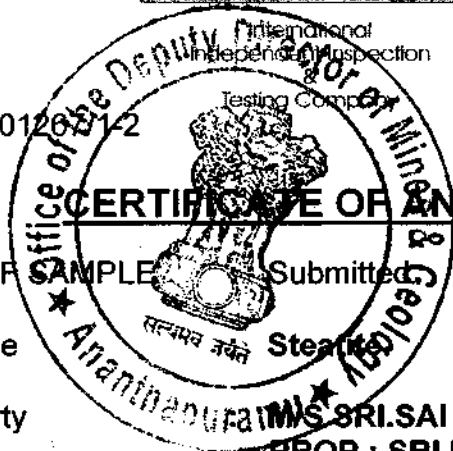
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 Geo-Chem House,
 294, Shahid Bhagat Singh Road,
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 Email: mumbai@geochem.net.in
 CIN: U74220MH1964PTC013022

No. BEL/JB/18-19/001267/1-2

Date: 28.12.18



CERTIFICATE OF ANALYSIS

1. PARTICULARS OF SAMPLE

a) Nature of Sample

b) Name of the Party

MS SRI.SAI MINERALS

PROP : SRI.PERAM NAGI REDDY.

c) Register No.

: BEL/JB/18-19/ 001267/1-2

d) Date of Register

: 20.12.18

e) Mark

: Sample No 1 & 2 (Low grade No)

2. RESULTS OF ANALYSIS

:

ANALYSIS ON SAMPLE DRIED AT 105°C

		Sample No.1 (Low Grade)	Sample No. 2 (Low Grade)
Magnesium Oxide	MgO	26.15 %	22.38 %
Silica	SiO ₂	47.02 %	49.54 %
Alumina	Al ₂ O ₃	01.47 %	01.56 %
Ferric Oxide	Fe ₂ O ₃	0.76 %	0.12 %
Calcium Oxide	CaO	18.70 %	20.40 %
Loss on ignition	LOI	5.65 %	5.85 %

FOR GEO-CHEM LABORATORIES PVT LTD

Authorized signatory

This inspection / testing has been performed to the best of our ability and our responsibility is limited to proven negligence. This certificate, which is issued on conditions stipulated overleaf, reflects our findings at the time and place of inspection / testing and does not relieve parties from their contractual obligations. Samples will be retained by us for a period of sixty days only, unless specific instructions to the contrary are received.
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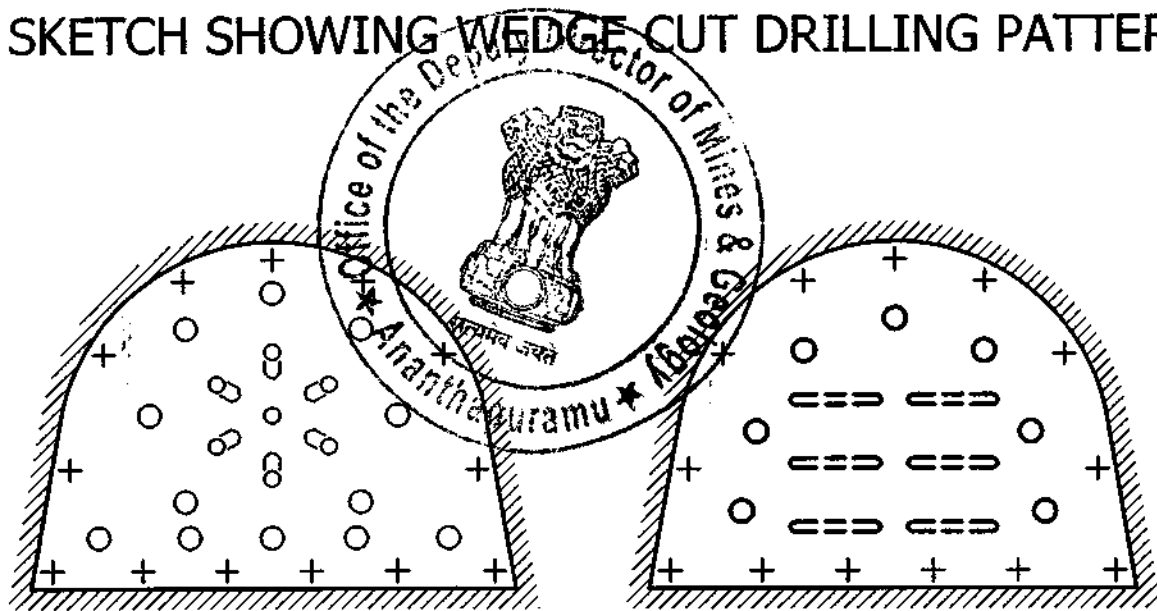
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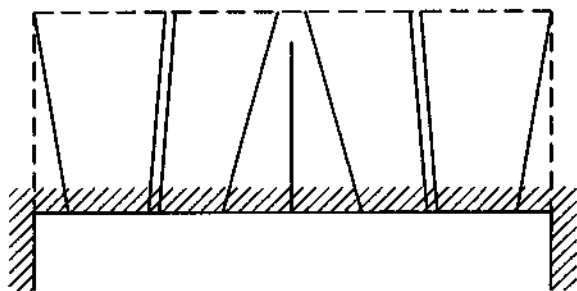


SKETCH SHOWING WEDGE CUT DRILLING PATTERN

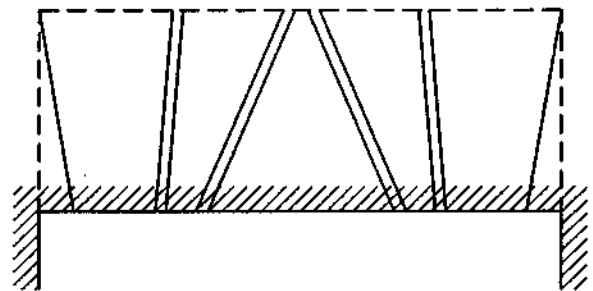


FACE AFTER FIRING

NEXT FACE



PYRAMID OR CONE CUT



WEDGE CUT



दिनांक (Date) 18/04/2019

18 APR 2019

संख्या (No.) E/SC/AP/22/808(E28534)

सेवा में | To,

Shri P. Nagireddy Proprietor M/s Sri Sai Minerals, सत्यमेव जयते
15/621, Waterworks Road., Town/Village - Tadipatri
District-ANANTAPUR, State-Andhra Pradesh, Pincode - 515311

विषय

Survey No(s) 574, ग्राम Machkunta Village, Peddapappur mandal, जिला ANANTAPUR, राज्य Andhra Pradesh में विस्फोटक के
मैगजीन में उपयोग के लिए कच्चा हेतु विस्फोटक नियम 2008 के अंतर्गत LE-3 में जारी अनुज्ञप्ति सं E/SC/AP/22/808(E28534) के
नवीनीकरण संदर्भ में।

Subject

Possession for Use of Explosives from magazine situated at Survey No(s): 574, Machkunta village, Peddapappur mandal, Dist
ANANTAPUR, Andhra Pradesh - Licence No.: E/SC/AP/22/808(E28534) granted in Form LE-3 of Explosives Rules, 2008 - Renewal
regarding

महोदय | Sir,

आपका उपर्युक्त विषय पर पत्र संख्या - दिनांक 18/04/2019 का संदर्भ ग्रहण करें। विस्फोटक नियम, 2008 के अंतर्गत प्ररूप LE-3 में जारी अनुज्ञप्ति दिनांक
31/3/2024 तक नवीनीकृत कर इस पत्र के साथ भेजी जा रही है।

Reference to your letter No. - dated: 18/04/2019, the subject licence duly renewed upto 31/3/2024 and issued in Form LE-3 of Explosives Rules, 2008 is
forwarded herewith.

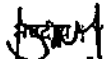
अनुज्ञप्ति के आगामी नवीकरण हेतु कृपया निम्नलिखित दस्तावेज दिनांक 31/03/2024 से पहले इस कार्यालय को भेजे जाएं।

For further renewal of licence, please submit the following documents so as to reach this office on or before 31/3/2024.

- प्ररूप आरई-1 में विधिवत पूर्ण एवं हस्ताक्षरित आवेदन।
Application in Form RE-1 duly filled in and signed.
- एक से पाँच वर्ष के अनुज्ञप्ति शुल्क का बैंक ड्राफ्ट। बैंक ड्राफ्ट किसी भी राष्ट्रीयकृत बैंक के नाम आहरित, संयुक्त मुख्य विस्फोटक नियंत्रक,
चेन्नई के पक्ष में चेन्नई में देय हो।
Licence fees for one to five years in the form of demand draft drawn on any Nationalized Bank in favour of Jt. Chief Controller of Explosives,
Chennai payable at Chennai.
- अनुमोदित प्लान के साथ मूल अनुज्ञप्ति।
Original licence with approved plan.
- कृपया इस संबंध में विस्फोटक नियम, 2008 के नियम 112 का भी संदर्भ ग्रहण करें।
In this connection, please also refer to Rule 112 of Explosives Rules, 2008.
- विस्फोटकों के क्रय हेतु आरई-11 में मांगपत्र (इंडेंट) आपूर्तिकर्ता को दिया जाए और उसी की एक प्रति इस कार्यालय को भेजी जाए (अतिशबाजी
गोदाम के लिए लागू नहीं)।
Indent for purchase of explosives shall be placed in RE-11 with the supplier and copy of the same shall be sent to this office. (Not applicable for
fireworks store house)
- कृपया विस्फोटकों की त्रैमासिक विवरणी हर तिमाही के अंत में आरई-7 में प्रस्तुत की जाए। विवरणी इस कार्यालय के कार्यालय में आगामी
तिमाही के 10 तारीख से पहले पहुंच जानी चाहिए (अतिशबाजी गोदाम के लिए लागू नहीं)। Please submit quarterly returns of explosives in RE-
7 at the end of every quarter so as to reach this office by 10th of the succeeding quarter. (Not applicable for fireworks store house)
- सभी ब्लास्टिंग आपरेशन एक सक्षम द्वारा की जाएगी जो उपरोक्त नियमों के तहत एक वैध शॉट फायर प्रमाणपत्र धारक हो। हालांकि, खान
अधिनियम 1952 के अधीन आने वाले खानों में ब्लास्टिंग आपरेशन करने वाले ब्लास्टर की योग्यता उसी अधिनियम से निर्धारित हो।
All blasting operations shall be carried out by a competent person holding a valid shot firer's permit granted under above rules. However, blasting
operations in mines coming under the purview of the Mines Act 1952, the blaster shall have qualifications prescribed in the regulations framed
under the said Act.

आपके खाते में रुपए 600/- की राशि शेष है जो इस संदर्भ को उद्धृत करते हुए भविष्य के संव्यवहार में समायोजित की जा सकती है।

An amount of Rs. 600/- balance is in your credit, which may be utilized for future transaction by quoting this reference.

 your's faithfully

(ज.सर्कार | J. Sarkar)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives
विशाखापट्टनम | Visakhapatnam

प्रतिलिपि प्रेषित | Copy Forwarded to:

1. जिला मजिस्ट्रेट (District Magistrate), ANANTAPUR (Andhra Pradesh)- सूचना के लिए (for information.)

उप मुख्य विस्फोटक नियंत्रक | Deputy Chief Controller of Explosives
विशाखापट्टनम | Visakhapatnam

(अधिक जानकारी जैसे आवेदन की स्थिति, शुल्क आदि के लिए हमारी वेबसाइट <http://peso.gov.in> देखें।)
(For more information regarding status, fees and other details please visit our website <http://peso.gov.in>)

Licence Endorsed under Rule 107(3) of Explosives Rules, 2008

By: Shri A.V. Subbarao, Deputy Chief Controller of Explosives, Secunderabad on 01/03/2006

अनुमति पत्र सं. 3/11 (ENCE, P) 11

(विस्फोटक नियम, 2008 की अनुसूची 4 के भाग 4 के अनुसार जारी की गई है)

(See article 4(a) to (d) of Part I of Schedule IV of Explosives Rules, 2008)

(ग) उपयोग के लिए एक समय पर वर्ग 1, 2, 3, 4, 5 या वर्ग 7 के विस्फोटक या किसी मैग्नीशियम से मिले हुए विस्फोटक

Licence to possess (c) for use explosives of class 1, 2, 3, 4, 5, 6 or 7 in a magazine

अनुमति सं. (Licence No.): KSC/AP/22/808(E)28534

वार्षिक फीस रुपये (Annual Fee Rs) 24000/-

1. Licence is hereby granted to:

Shri P. Nagireddy Proprietor M/s Sri Sai Minerals (अभिनेता) / Occupier : P. Nagi Reddy, Sri Sai Minerals, 15-21, Waterworks Road, Town/Village - Tadipatri, District-ANANTAPUR, State-Andhra Pradesh

को अनुमति अनुमति दी जाती है।

2. अनुमतिधारी की प्राप्ति (Status of licensee) Individual

3. अनुमति निम्नलिखित प्रयोजनों के लिए विधिवत है।

process for use of Nitrate Mixture, Safety Fuse, Ordinary Detonator, Electric Detonators, - के उपयोग के लिए

Licence is valid only for the following purpose

4. अनुमति विस्फोटक के निम्नलिखित किस्मों, प्रकार और मात्रा के लिए विधिवत है।

Licence is valid for the following kinds and quantity of explosives -- (क) (a)

क्र. सं.	नाम और विवरण	वर्ग और प्रभाग	उप-प्रभाग	मात्रा किसी एक समय में
Sr. No.	Name and Description	Class & Division	Sub-division	Quantity at any one time
1	Nitrate Mixture	2.0	0	50 Kg
2	Safety Fuse	6.1	0	1000 Mtrs
3	Ordinary Detonator	6.3	0	5000 Nos
4	Electric Detonators	6.3	0	1500 Nos

(ख) किसी एक कैलेंडर मास में छह (6) बार विस्फोटक की मात्रा (अनुसूची 4 के भाग 4 के अंतर्गत अनुमति के लिए)

3 times as above.

(b) Quantity of explosives to be purchased in a calendar month (applicable for licence under article 3(b) and (c))

5. निम्नलिखित रेखाचित्र (रेखाचित्रों) से अनुमति परिसर की पुष्टि होती है।

रेखाचित्र क्र. (Drawing No.) E/SC/AP/22/808(E)28534

The licensed premises shall conform to the following details:

दिनांक (Dated) 02/03/2006

6. अनुमति परिसर निम्नलिखित पते पर स्थित है। The licensed premises are situated at following address:

Survey No(s): 574, ग्राम (Town/Village): Machkanta village, Peddapur mandal

जिला (District): ANANTAPUR राज्य (State): Andhra Pradesh

दूरभाष (Phone): ई-मेल (E-Mail): पुलिस थाना (Police Station): Tadipatri

पिनकोड (Pincode): पोस्ट (Post):

7. अनुमति परिसर में निम्नलिखित सुविधाएं अंतर्भूत हैं।

B&B type portable magazine

The licensed premises consist of following facilities

8. अनुमति समय - समय पर अधिसूचित विस्फोटक अधिनियम, 1884 और उनके अधीन विरचित विस्फोटक नियम, 2004 के उपबंधों, शर्तों और अतिरिक्त शर्तों और निम्नलिखित उपबंधों के अधीन रहते हुए अनुमति दी जाती है।

The licence is granted subject to the provision of Explosives Act 1884 as amended from time to time and the Explosives Rules, 2008 framed there under and the conditions, additional conditions and the following Annexures.

1. उपबंधक क्रम सं 5 में बंधा कथित रेखाचित्र (स्थान, संनिर्माण संबंधी और अन्य विवरण दर्शित करते हुए)।

Drawing (showing sit., constructional and other details) as stated in serial No. 5 above

2. अनुमति पाठिकांती द्वारा हस्ताक्षरित इस अनुमति की शर्तों और अतिरिक्त शर्तों।

Conditions and Additional Conditions of this licence signed by the licensing authority.

3. दूरी प्रत्येक DI-2 (Distance Form DI-2)

9. यह अनुमति तारीख 31 मार्च 2008 तक विधिवत रहेगी। This licence shall remain valid till 31st day of March 2008.

यह अनुमति, अधिनियम या उसके अधीन विरचित नियमों या अनुसूची V के भाग 4 के प्रति निर्दिष्ट सेट-VII के अधीन तथा उपबंधित इस अनुमति की शर्तों का अधिग्रहण करने या यदि अनुमति परिसर योजना या उससे संलग्न उपबंध में दर्शित विवरण के अनुरूप नहीं पाए जाने पर निरस्त या प्रतिरुद्ध की जा सकती है, जहां वह लागू हो।

This licence is liable to be suspended or revoked for any violation of the Act or Rules framed there under or the conditions of this licence as set forth under Set VII, wherever applicable, referred to in Part 4 of Schedule V or if the licensed premises are not found conforming to the description shown in the plans and Annexure attached hereto

तारीख | The Date: 02/03/2006

संयुक्त मुख्य विस्फोटक नियंत्रक | Joint Chief Controller of Explosives
South Circle, Chennai

नवीनीकरण के पृष्ठान्न के लिए स्थान
Space for Endorsement of Renewal

नवीकरण की तारीख
Date of Renewal

समाप्ति की तारीख
Date of Expiry

12/01/2019

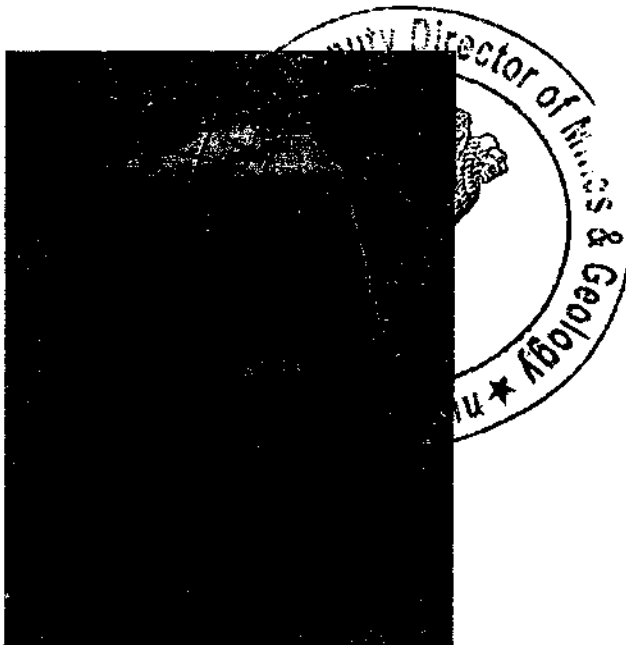
31/03/2024

अनुमति प्राप्ति के हस्ताक्षर और स्टम्प
Signature of licensing authority and stamp

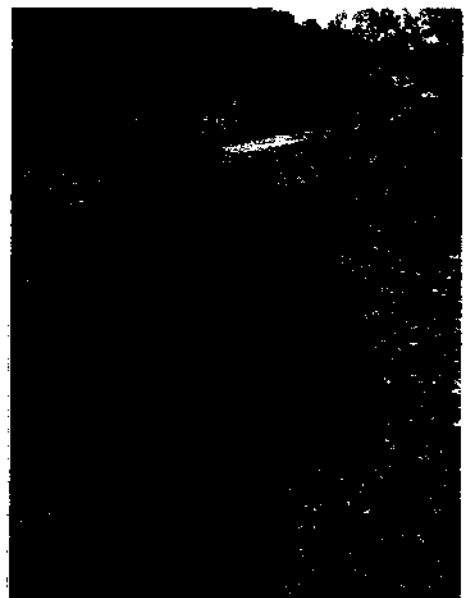
Dr. Chief Controller of Explosives, Visakhapatnam

सावधानी चेतावनी: विस्फोटकों को गलत ढंग से प्रयोग या उनका दुरुपयोग विधि के अधीन गंभीर दंडित अपराध होगा।
Safeguards Warning: Mishandling and misuse of explosives shall constitute serious criminal offence under the law.

MINE PHOTOGRAPHS

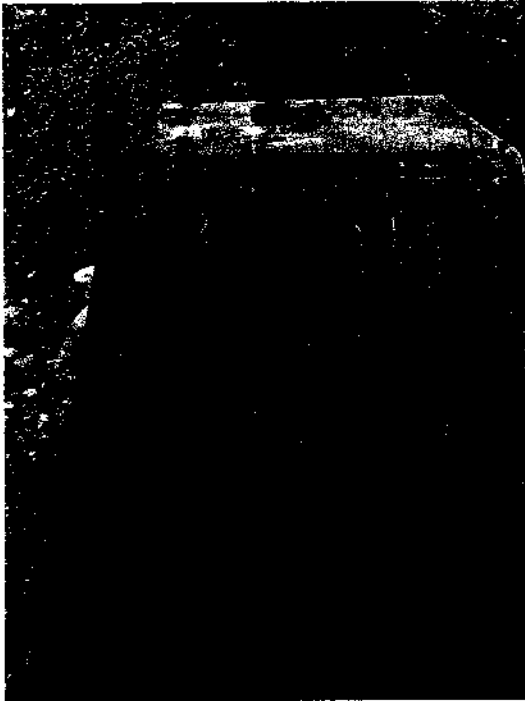
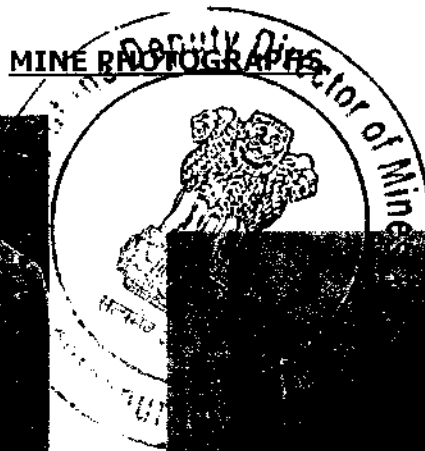


BOUNDARY POINT

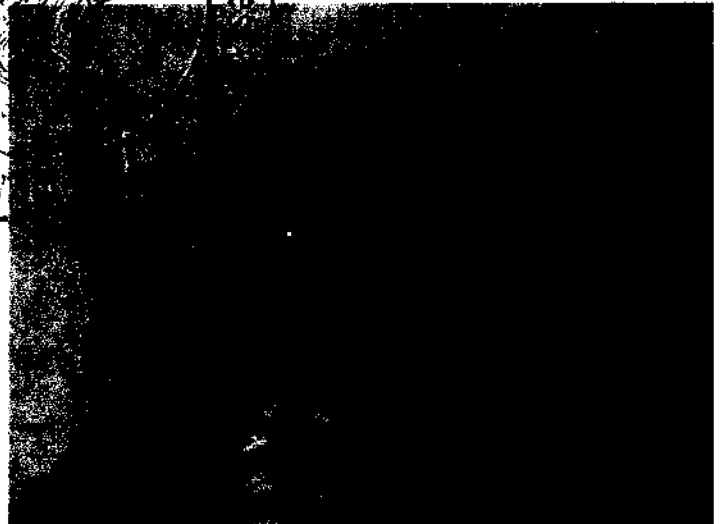


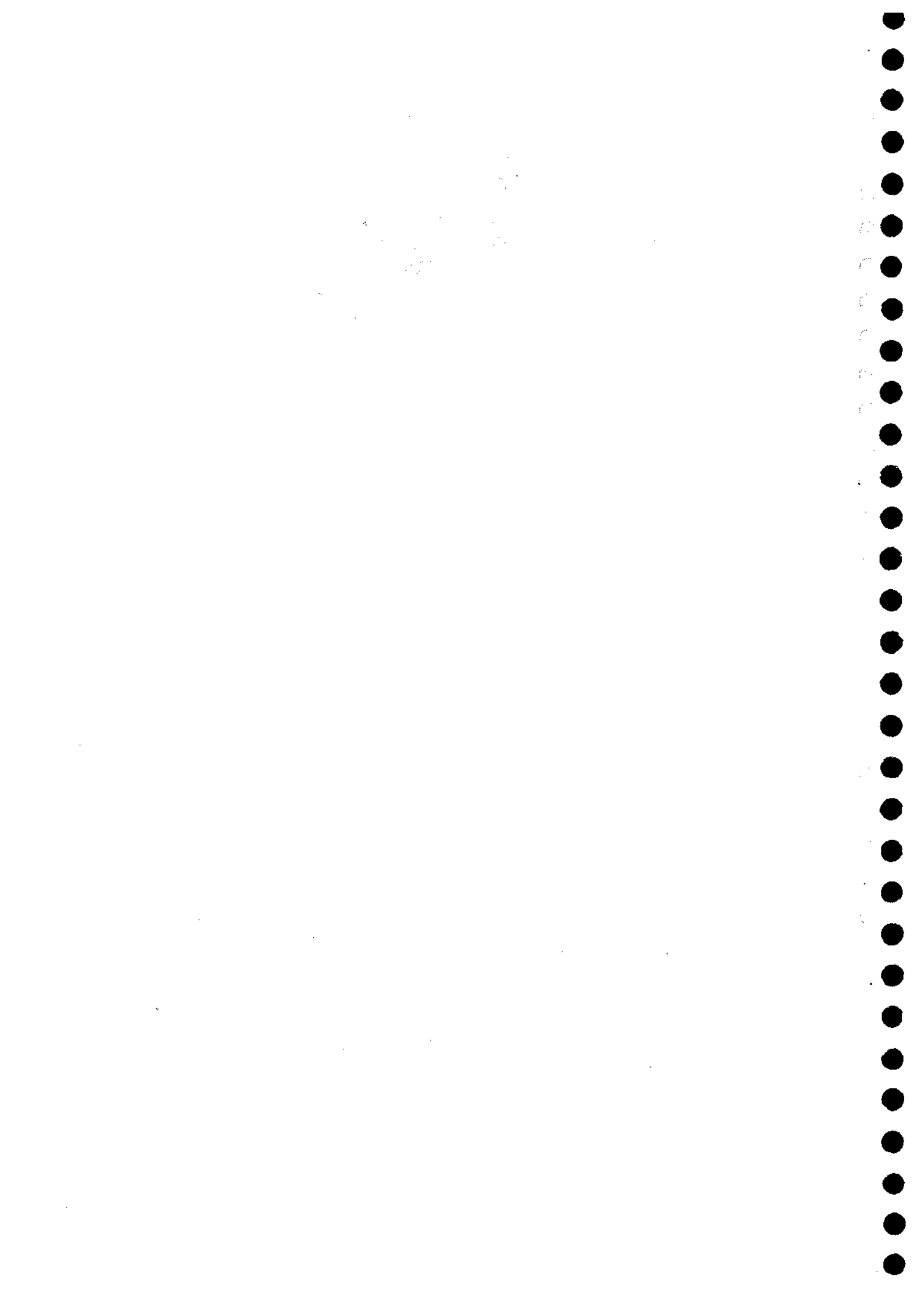
BOUNDARY POINT

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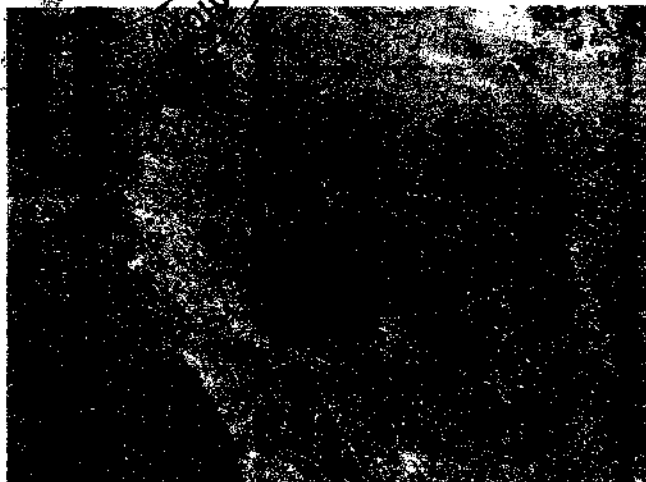
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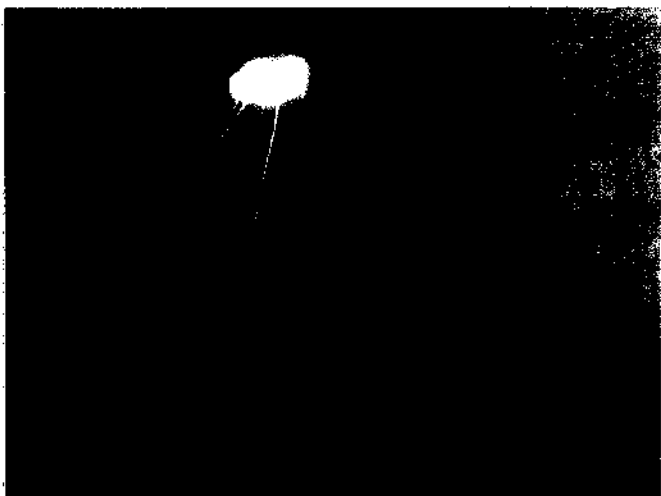




UNDER GROUD WORKINGS



BORE HOLE DRILLED

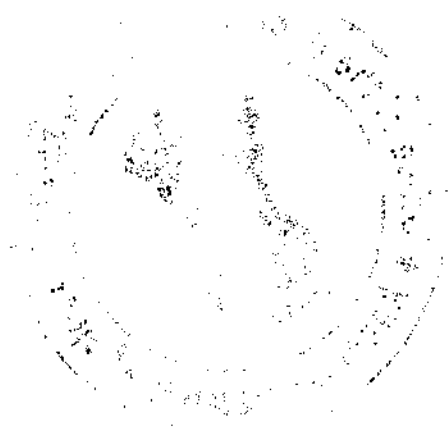


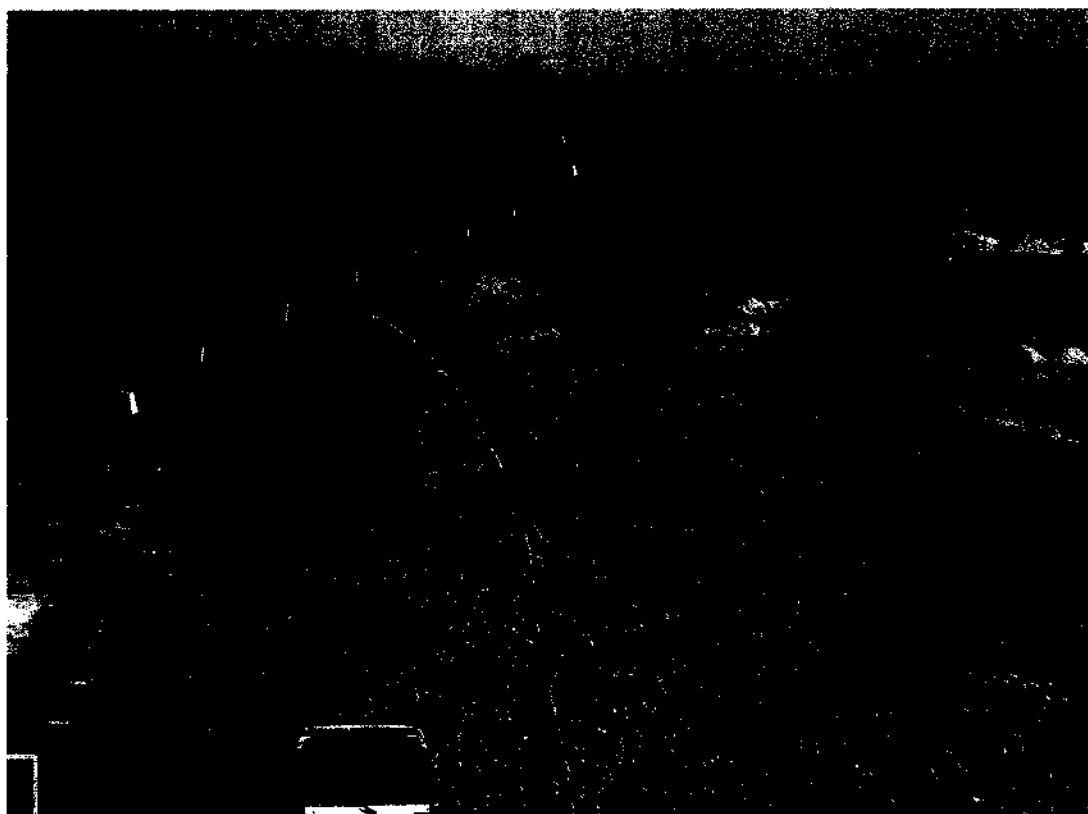
UNDER GROUD WORKINGS WITH ALTERNATED BANDS OF DOLOMITE & STEATITE





PLANTATION ON 7.5 M BUFFER AREA/ ROAD SIDE/ DUMP AREA



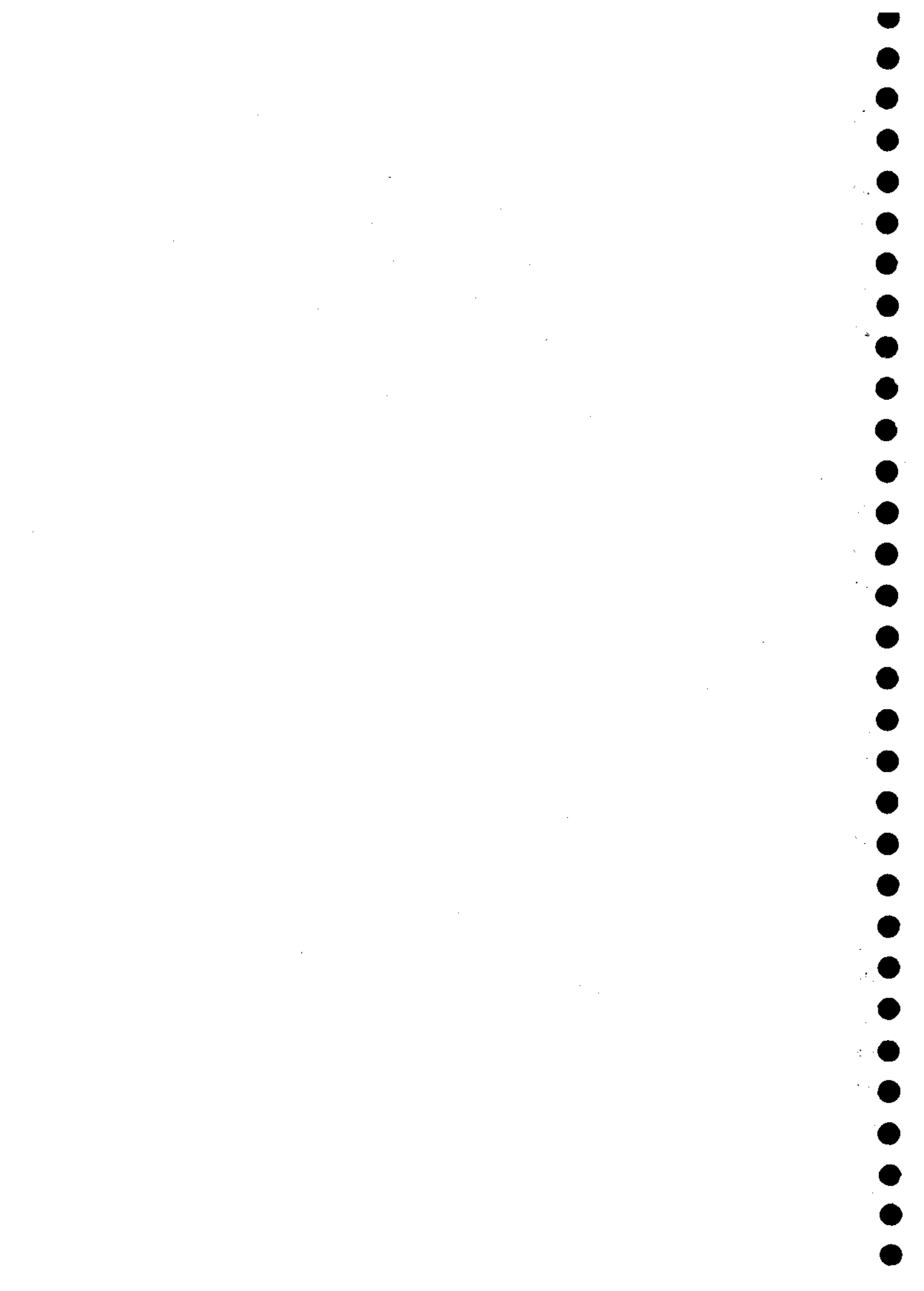


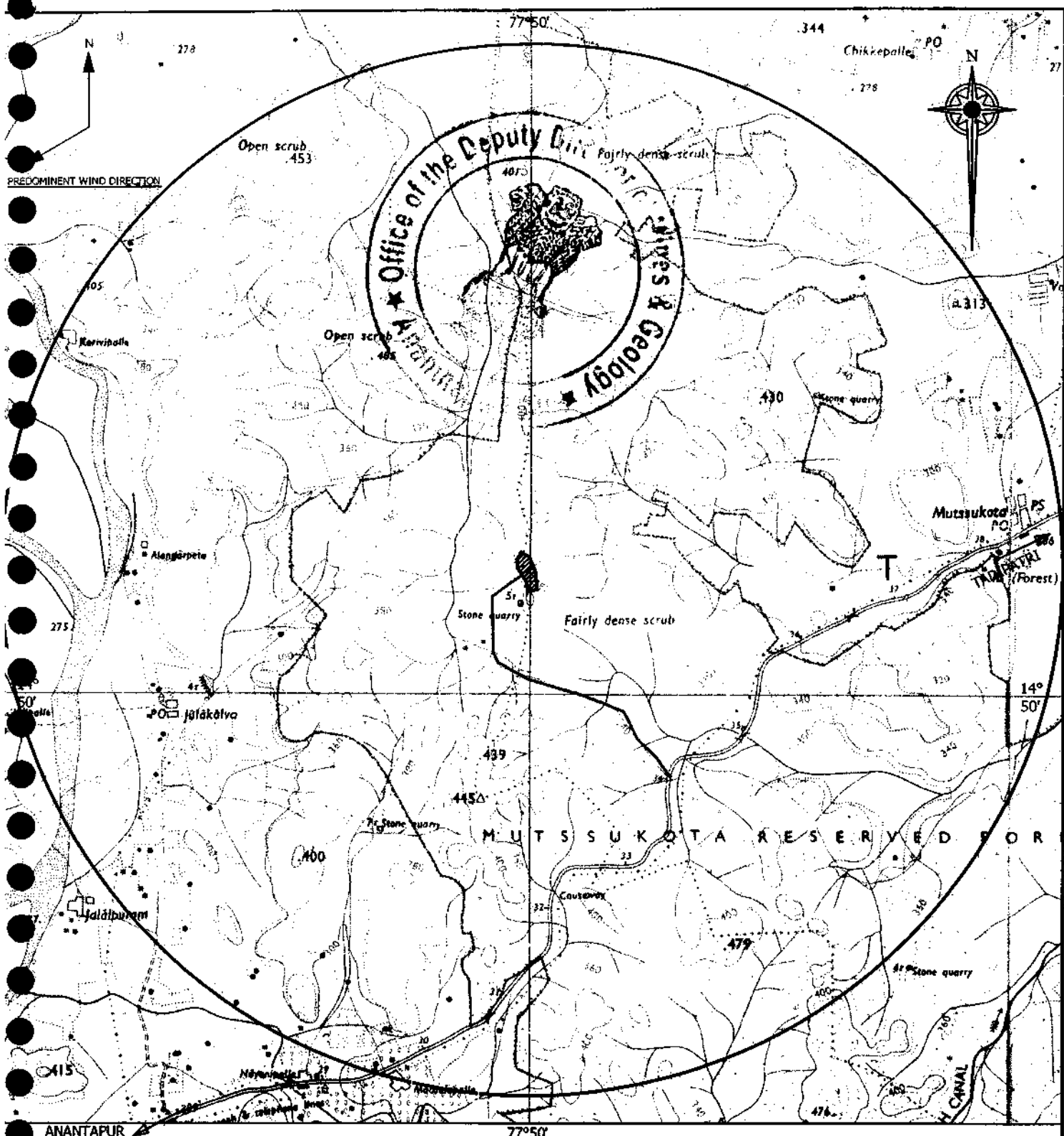
PLANTATION ON 7.5 M BUFFER AREA/ ROAD SIDE/ DUMP AREA





PLANTATION ON 7.5 M BUFFER AREA/ ROAD SIDE/ DUMP AREA





- ANANTAPUR**
- INDEX**
- QL Area
 - 5km Circle
 - Contours
 - Roads
 - Villages
 - Nallah/Tanks/River
 - Agricultural lands
 - Forest Area
 - Approach road

APPROVED

VILLAGE	POPULATION	DISTANCE IN KM	DIRECTION
Alangarpeta	350	3.25	NW
Korivi palle	580	4.50	NW
Muttsukota	2300	5.00	NE
Maddalapalle	600	4.75	SW
Julakalva	900	3.25	SW

Tree density of the area is 0.02 to 0.025

For **SRI PERAM NAGI REDDY**

Proprietor

LESSEE

PLATE NO 1

LOCATION CUM KEY PLAN

NAME OF THE MINE
MUTCHUKOTA STEATITE & DOLOMITE MINE
M/s SRI SAI MINERALS

COMPARTMENT NO 594/P & 596/P MUTCHUKOTA R.F., GOOTY RANGE, SY. NO.574/P OF MUTCHUKOTA VILLAGE, PEDDAPPURU Mandal, ANANTAPUR DISTRICT, ANDRA PRADESH STATE.

NAME OF THE OWNER
SRI. PERAM NAGI REDDY
 TADAPATRI TALUK, ANANTHAPURAMU DIST.

EXTENT 4.05Hect | **SCALE - 1:50000** | **TOPO SHEET NO 57 F/13**

Smart Survey Solutions
 PLOT No.78, 6th CROSS, RIGHT SIDE
 5TH M.V.NAGAR, KAPPAGAL ROAD,
 BELLARY Contact : 9483384423-27
 E Mail : smartssai@gmail.com

M.RAMA SUBBA REDDY
RQP/DMG/AP/06/2022

