

## MAHARASHTRA STATE MINING CORPORATION LIMITED

Name of Mine Lease	:	<b>Navargaon-Chowa Kyanite Mine</b>
Mineral/Ore	:	<b>Kyanite &amp; Pyrophyllite</b>
Labour Identification No.	:	
DGMS Code	:	
IBM Registration No.	:	<b>5319/ 33MSH05020</b>
Toposheet No.	:	
Nearest Railway Station	:	Bhandara Road (35 Km from Mine)
Nearest Airport	:	Nagpur
Full Address :		
Village	:	Navargaon-Chowa
Post Office	:	Pahela
Tahsil/Taluka	:	Bhandara
Police Station	:	Bhandara
District	:	Bhandara
PIN	:	441927
State	:	Maharashtra
Mine Contact	:	
Email	:	uttamkharabe@gmail.com
<b>Mine Leasehold Area:</b>		
Forest Land	:	
Revenue Land	:	
Private Land	:	
<b>Acquired Land :</b>		
Forest Land	:	
Revenue Land	:	
Private Land	:	
Lease Validity	:	
Method of Working	:	Manual Opencast
Category	:	'B' Category

<b>Mine Staff :</b>		
Mine Manager/Permit Manager	:	01
Mine Foreman	:	
Geologists	:	
Surveyor	:	
Mine Mate	:	01
Blaster	:	Not required
Clerk / Storekeeper	:	01
Operator cum Mechanic	:	
Others	:	
<b>Mine Workers :</b>		
Skilled Workers	:	
Semi-Skilled workers	:	
Unskilled workers	:	
Others	:	
<b>Statutory Compliances :</b>		
Mine Plan /SOM	:	Approved
Validity of Mine Plan/SOM	:	
Environment Clearance	:	
Quantity as per EC	:	
Forest Clearance	:	Not required
MPCB Consent	:	
Validity of Consent	:	
<b>Explosive &amp; Blasting :</b>		
License No.	:	Not required
License Validity	:	Not applicable
Licensed Capacity	:	Not applicable
Diameter of shothole	:	Not required
Maximum Depth of shothole	:	Not required
<b>Public Grievance Redressal Mechanism :</b>		
Name of Officer	:	Mr. Uttam R. Kharabe
Address	:	At Navargaon-Chowa Kyanite Mine Village: Navargaon-Chowa, Post: Pahela, Taluka & District: Bhandara, PIN - 441 924.
Phone /Mobile No.	:	+91 - 788002258
Email ID	:	uttamkharabe@gmail.com

**Environmental Monitoring :**

<b>Environmental Monitoring Standards</b>	<b>Core Zone</b>	<b>Buffer zone</b>
<b>a) Ambient Air Quality</b>		
Standards laid down by MoEF & CC		
Core Zone		
Buffer Zone		
<b>b) Surface Water Quality</b>		
Standards laid down by MoEF & CC		
Core Zone		
Buffer Zone		
<b>c) Ground Water Quality</b>		
Standards laid down by MoEF&CC		
Core Zone		
Buffer Zone		
<b>d) Noise Level</b>		
Standards laid down by DGMS		
Core Zone		
Buffer Zone		
<b>e) Ground Vibration</b>		
Standards laid down by DGMS		
Core Zone		
Buffer Zone		

**Geology :****Uses of Minerals :**

### Mineral Specifications:-

Sr. No	Name of the Minerals	Physical specifications (Indicative only)	Chemical specifications (Indicative only)
<b>5</b>	<b>KYANITE GROUP</b>		
i)	Kyanite Special Grade	Lumps, Hard, compact & massive reasonably free from Tourmaline, Mica, Quartz contamination.	Plus 58% & upto 62% Al <sub>2</sub> O <sub>3</sub>
ii)	Kyanite Gr-I	Lumps, Hard, Compact & Massive reasonably free from Tourmaline, Mica Quartz contamination.	Plus 55% & up to 58% Al <sub>2</sub> O <sub>3</sub>
iii)	Kyanite Gr-II-A	Lumps, Hard, reasonably free from Tourmaline, but associated with Mica & Quartz	Plus 50% & up to 55% Al <sub>2</sub> O <sub>3</sub>
iv)	Kyanite Gr-II-B	Lumps, Hard, contaminated with some tourmaline, Mica, and Quartz etc.	Plus 50% & up to 55% Al <sub>2</sub> O <sub>3</sub>
vi)	Kyanite Gr-III-A	Lumps, Hard, reasonably free from tourmaline, but associated with mica and quartz contamination.	Plus 45 % to up to 50 % Al <sub>2</sub> O <sub>3</sub>
vii)	Kyanite Gr-III-B	Lumps, Hard, contaminated with tourmaline, Mica, and Quartz etc.	Not Specified
viii)	Kyanite Low Grade	Lumps, Contaminated with Mica Quartz etc. & reasonably free from tourmaline.	Plus 40% & up to 45% Al <sub>2</sub> O <sub>3</sub>
ix)	Kyanite unsorted chilly (-50 mm + 20 mm)	Unsorted small pieces, mixed with Tourmaline, Mica, Quartz	Plus 50% & up to 55% Al <sub>2</sub> O <sub>3</sub>
x)	Kyanite unsorted Chilly (-50 mm + 20 mm)	Unsorted small pieces, mixed with Tourmaline, Mica, Quartz & ferruginous coating	Plus 45% & up to 50% Al <sub>2</sub> O <sub>3</sub>
xi)	<b>Pyrophyllite</b>	Friable, in association with disseminated grains of Sillimanite reasonably free from tourmaline & Mica.	Al <sub>2</sub> O <sub>3</sub> Content + 30% to 40%

		<b>Size + 50 mm to 200 mm</b>	
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