

MAHARASHTRA STATE MINING CORPORATION LIMITED

Name of Mine Lease	:	Pohara Sillimanite Mine
Mineral/Ore	:	Sillimanite, Corundum, Tourmaline and Pyrophyllite
Labour Identification No.	:	
DGMS Code	:	
IBM Registration No.	:	5319/55MSH05001
Toposheet No.	:	
Nearest Railway Station	:	Bhandara Road (30 Km from Mine)
Nearest Airport	:	Nagpur (100 Km from Mine)
Full Address :		
Village	:	Pohara
Post Office	:	Pohara
Tahsil/Taluka	:	Lakhni
Police Station	:	Lakhni
District	:	Bhandara
PIN	:	441809
State	:	Maharashtra
Mine Contact	:	+91-
Email	:	
Mine Leasehold Area:		39.40 Ha.
Forest Land	:	0.11 Ha.
Revenue Land	:	Ha.
Private Land	:	Ha.
Acquired Land :		Ha.
Forest Land	:	Ha.
Revenue Land	:	Ha.
Private Land	:	Ha.
Lease Validity	:	15.11.2027
Method of Working	:	Semi-Mechanised Opencast (Other than Fully Mechanised)
Category	:	'A' Category

Mine Staff :		
Mine Manager	:	01
Mine Foreman	:	
Geologists	:	
Surveyor	:	
Mine Mate	:	01
Blaster	:	00
Clerk / Storekeeper	:	
Operator cum Mechanic	:	01
Others	:	
Mine Workers :		
Skilled Workers	:	03
Semi-Skilled workers	:	23
Unskilled workers	:	00
Others	:	01
Statutory Compliances :		
Mine Plan /SOM	:	Approved
Validity of Mine Plan/SOM	:	
Environment Clearance	:	
Quantity as per EC	:	
Forest Clearance	:	
MPCB Consent	:	
Validity of Consent	:	
Public Grievance Redressal Mechanism :		
Name of Officer	:	
Address	:	
Phone No.	:	
Email ID	:	

Environmental Monitoring :		
Environmental Monitoring Standards	Core Zone	Buffer zone
a) Ambient Air Quality		
Standards laid down by MoEF & CC		
Core Zone		
Buffer Zone		
b) Surface Water Quality		
Standards laid down by MoEF & CC		

Core Zone				
Buffer Zone				
c) Ground Water Quality				
Standards laid down by MoEF&CC				
Core Zone				
Buffer Zone				
d) Noise Level				
Standards laid down by DGMS				
Core Zone				
Buffer Zone				
e) Ground Vibration				
Standards laid down by DGMS				
Core Zone				
Buffer Zone				

Geology :

Uses of Minerals :

Minerals Specifications:-

A	<u>ALUMINOUS MINERALS</u>		
(I)	Corundum	Hard, Compact reasonably free from Tourmaline and ferruginous materials, in minor association with sillimanite. Size + 50mm to 200mm	Al ₂ O ₃ Content + 70%
(II)	Corundum Rejects	Contaminated with Tourmaline and ferruginous material.	Not Specified
2	<u>Sillimanite Group</u>		
(I)	Sillimanite Gr-I (Lumps)	Hard, Compact reasonably free from Tourmaline and ferruginous Materials, Size + 50 mm to 200 mm	Al ₂ O ₃ Content + 54% to 61%
(II)	Sillimanite Gr-II-A(Lumps)	Less hard and dense as Compared to Sillimanite Grade-I, reasonably free from tourmaline and ferruginous materials, Size + 50mm to 200 mm	Al ₂ O ₃ Content + 50% to 54%
(III)	Sillimanite Gr-II-B(Lumps)	Soft to semi-hard, reasonably free from tourmaline and ferruginous materials, Size + 50mm to 200 mm	Al ₂ O ₃ Content + 45% to 50%
(IV)	Sillimanite Gr-III	Soft, associated with Pyrophyllite, Size + 50 mm	Al ₂ O ₃ Content + 40% to 45%
(V)	Sillimanite Chilly Grade-I	Chilly generated during Sizing /sorting of Sillimanite Gr-I partially containing tourmaline pieces, Size 20 mm to 50 mm	Al ₂ O ₃ Content + 50% to 55%
(VI)	Sillimanite Chilly Gr-II	Chilly generated during sizing/sorting of Sillimanite Gr-II reasonably free from pieces of Pyrophyllite & Tourmaline, Size 20 mm to 50 mm	Al ₂ O ₃ Content + 45% to 50%
(VII)	Unsorted Sillimanite Chilly	Chilly mixed with pieces of Pyrophyllite & Tourmaline, Size 5 mm to 50 mm	Al ₂ O ₃ Content + 40% to 45 %

(VIII)	Sillimanite Rejects (Lumps)	Contaminated with Tourmaline and ferruginous materials, Size + 50 mm	Not specified
3	<u>PYROPHYLLITE GROUP</u>		
(I)	Pyrophyllite	Friable, in association with disseminated grains of Sillimanite reasonably free from tourmaline & Mica. Size + 50 mm to 200 mm	Al ₂ O ₃ Content + 30% to 40%
4	<u>TOURMALINE</u>		
	Tourmaline	 Size + 50 mm	