

PROFILE OF MINING CONCESSION DISTRICT MIANWALI



DIRECTORATE GENERAL MINES AND MINERALS PUNJAB

Profile Summary

Lease Title	ML-MLI-Fireclay-Thathi
Mineral	Fireclay
Reserve Status	Proved.
Acreage	181.39 acres
Location	Near Thati, District Mianwali.
Proposed base price	Rs. 52,00,000/-

TECHNICAL DATA

a. Area description

The area is located near Thathi in the mountain and adjacent to the granted Mining Lease of Fireclay No. 93. The said area is approachable from Thathi which is connected to Kalagbah-Mianwali Road.

b. Previous Prospecting / Development in the area

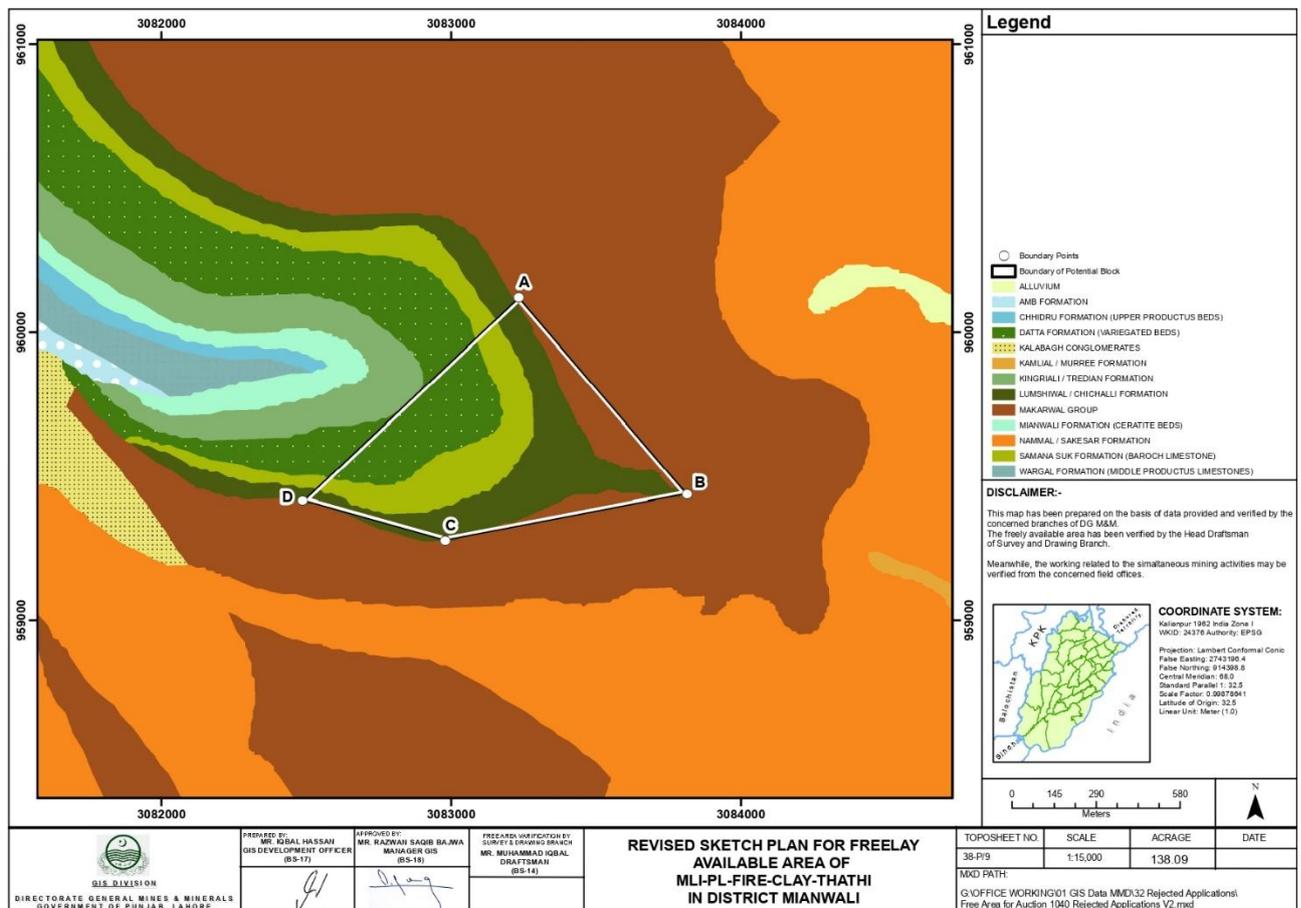
The approach road is developed by the adjacent lessee of Fireclay. A medium quality of fireclay is exposed. Therefore there is no need of the further development in the area.

c. Present status of the area

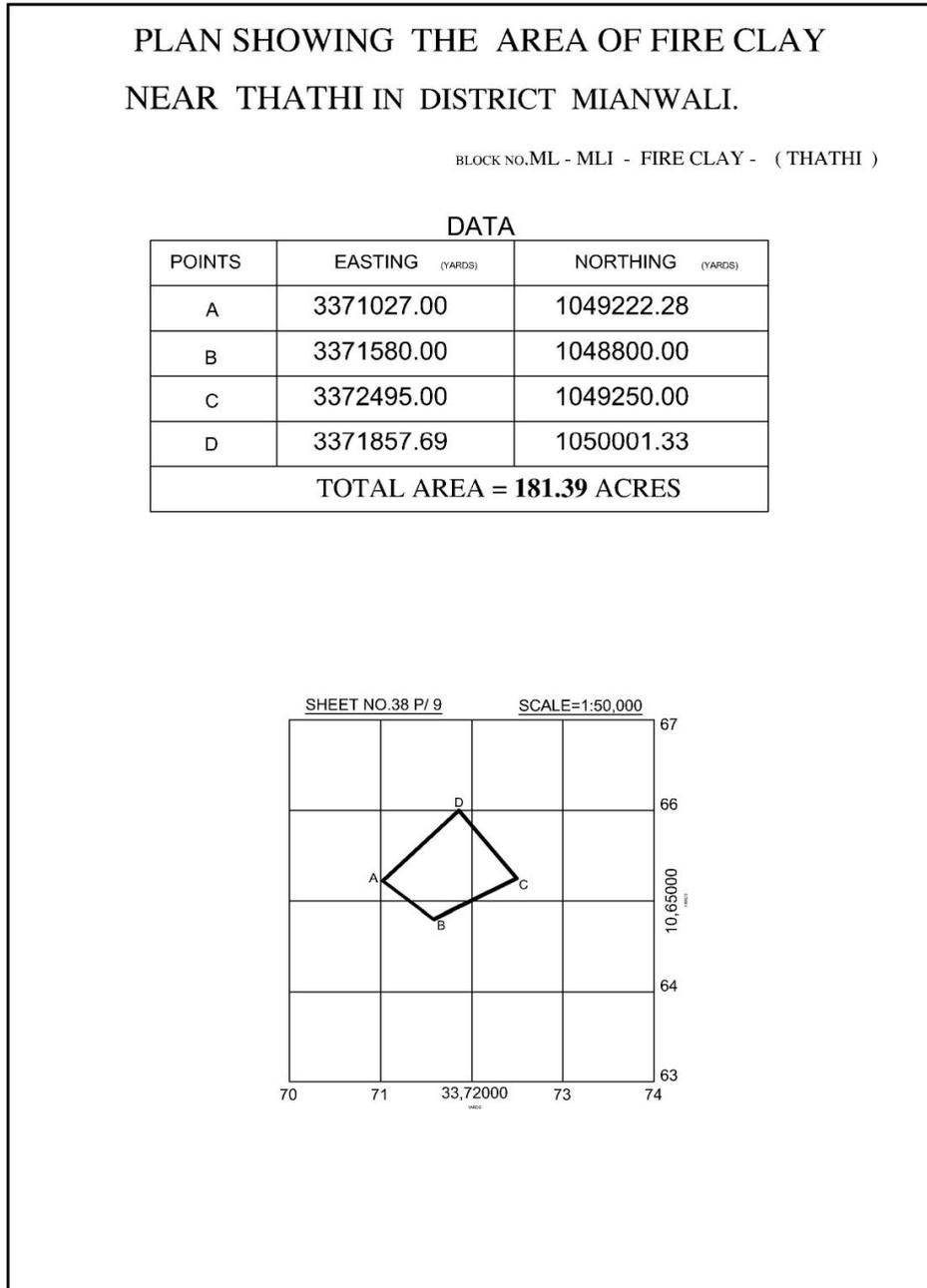
The area of the subject block of Fireclay is available for Open Auction as Mining lease under Rule-187 of the Punjab Mining Concession Rules, 2002.

d. Future Prospects of the area with respect to its geology

Geologically the area has Datta Formation, Saman Suk Formation, Lamshiwai / Chichali formation which is exposed to the surface. Datta Formation is the major source of Fireclay. Fireclay is also exposed in the block.



e. **Geographical Information (Coordinates)**



f. **Proposed Reserve Price of Mining Concession**

The proposed reserve price of area has been calculated approximately as Rs. 52,00,000/. The calculation has been made on the basis of factors i.e. acreage of mineral bearing area, bed thickness, future potential, existing development and already done exploratory work. For further details, please refer to (**Annexure-A**).

ANNEXURE-A**PROFOMA FOR CALCULATION OF RESERVE PRICE OF FIRECLAY
MINING LEASE**

Title:- ML-MLI-FIRECLAY- THATHI			
Location:- Thathi			
District:- Mianwali			
1	Total Acrage of Mining Lease		164.96
2	Approximate Mineral Formation Bearing Area		Acres
	25%	% of Total Area	
3	Proposed Base Price per acre = (Royalty rate of Mineral x 200)		Rs. 40000
4	Proposed Base Price of total mineral area (Price per acre x approximate mineral area)		Rs. 1,649,600

Sr. No	Factors	Maximum Weightage (%)	Weightage Assigned (%)	Calculated Amount(Rs.)
1	Overburden Factor	100%	35%	577,360
2	Availability of Infrastructure, Roads , water, Electricity etc.	100%	35%	577,360
3	Availability of Consumption Market.	100%	35%	577,360
4	Availability of labour facilities.	100%	35%	577,360
5	Seam/bed thickness	100%	35%	577,360
6	Future Potential	100%	35%	577,360
Total Contributing Factors		600%	210%	3,464,160

Proposed Base Price Rs.	1,649,600
Total Contributing Factors	3,464,160
Estimated Reserve Price of Mining Lease (Proposed Base Price+Total Contributing Factors) Rs.	5,113,760
Proposed Reseve Price of Mining Lease Rs.	52,00,000/-

Note:-

The Approximate mineral bearing area is estimated on the inferred basis from the geology of the area keeping in view the sub surface extension of the source rock formation. However, it may not be necessarily 100% mineal bearing formation for the reasons that the factors including structure behaviour of the area and depositional environement of the mineral may change within the formation from place to place. It is worth to mention here that subject to approval of technical expert committee for reserve prices, there may be a bare minimum price of any area for purpose of auction.

**Deputy Director
Mines & Minerals, Mianwali**