

PROFILE OF MINING CONCESSION DISTRICT MIANWALI



DIRECTORATE GENERAL MINES AND MINERALS PUNJAB

Profile Summary

Lease Title	ML-MLI-Fireclay-Chughlan
Mineral	Fireclay
Reserve Status	Proved.
Acreage	164.96 acres
Location	Near Chughlan (Kalabagh), District Mianwali.
Proposed base price	Rs. 1,24,00,000/-

TECHNICAL DATA

a. Area description

The area is located near Kalabagh in the mountain and adjacent to the granted Mining Lease of Fireclay No. 94. The said area is approachable from Katch Raod of 2KM which is connected to Shakardarh – Kalabgah Road.

b. Previous Prospecting / Development in the area

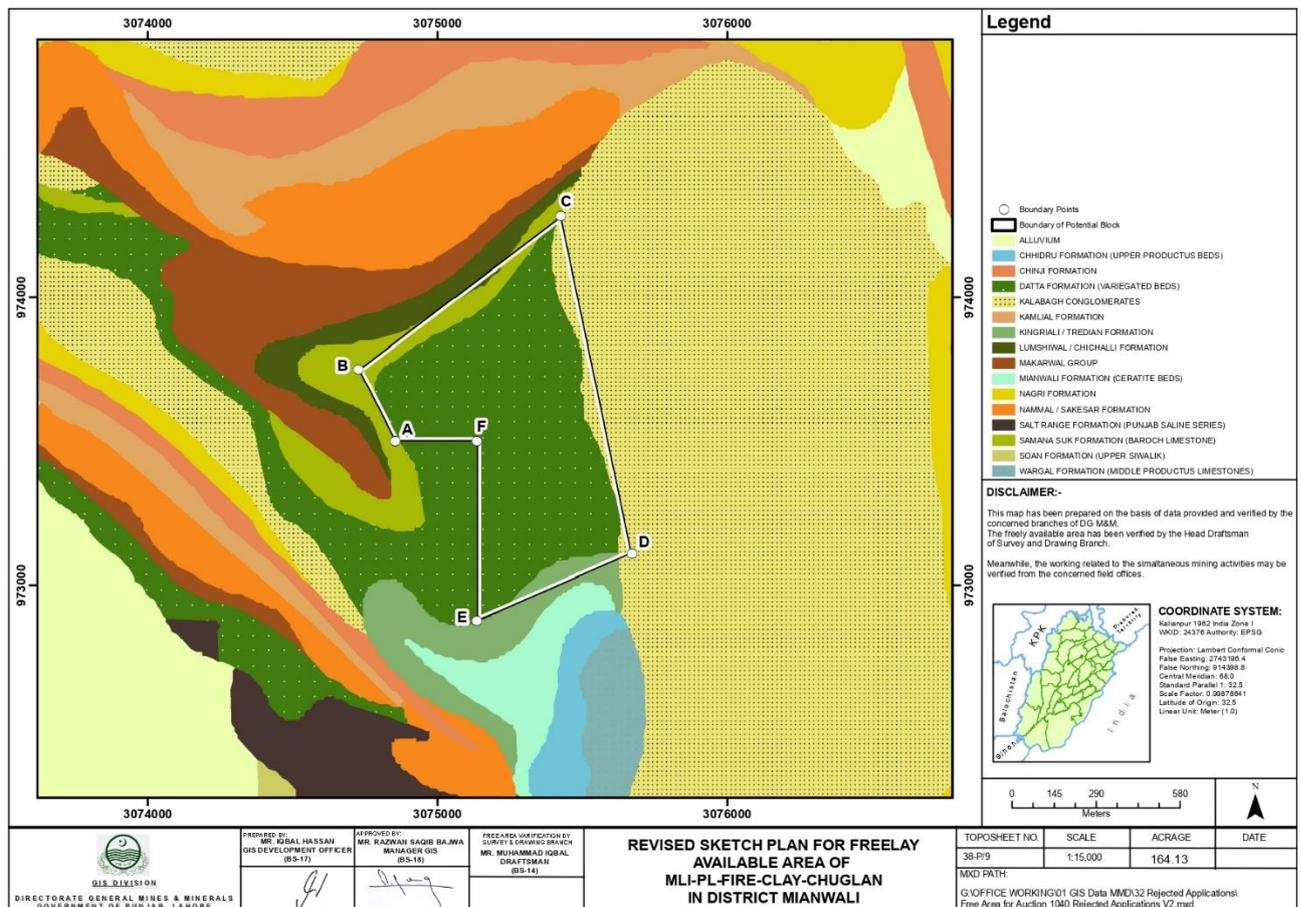
The approach road is developed by the adjacent lessee of Fireclay. A fine fireclay quality of fireclay is exposed. Therefore there is no need of the further development in the area.

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 Major Portion of Datta Formation which is exposed to the surface and have little exposure of other formations i.e. Saman Suk Formation. Datta Formation is the major source of Fireclay. Fireclay is also exposed in the block and adjacent lessee also did unauthorized excavation in the area.



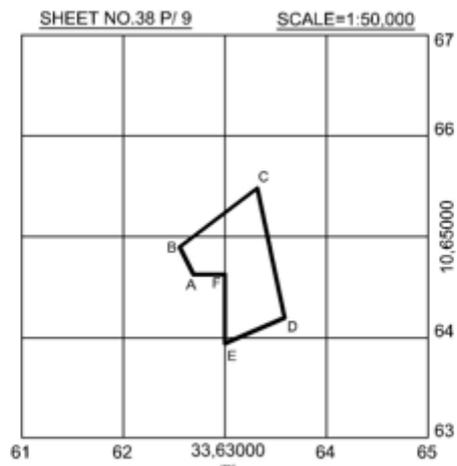
e. **Geographical Information (Coordinates)**

The area is located on topographic sheet no.38-P/9 of survey of Pakistan. The coordinates of area are provided as under; -

BLOCK NO.ML - MLI - FIRE CLAY - (CHUGLAN)

DATA

POINTS	EASTING (YARDS)	NORTHING (YARDS)
A	3362690.00	1064630.00
B	3362555.00	1064900.00
C	3363320.00	1065485.00
D	3363590.00	1064200.00
E	3363000.00	1063945.00
F	3363000.00	1064630.00
TOTAL AREA = 164.96 ACRES		



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

The proposed reserve price of area has been calculated approximately as Rs. 1,24,00,000/-. 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-CHUGHLAN			
Location:- Chughlan (Kalabagh)			
District:- Mianwali			
1	Total Acreage of Mining Lease		164.96
2	Approximate Mineral Formation Bearing Area		Acres
	85%	% 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. 5,608,640

Sr. No	Factors	Maximum Weightage (%)	Weightage Assigned (%)	Calculated Amount(Rs.)
1	Overburden Factor	100%	20%	1,121,728
2	Availability of Infrastructure, Roads , water, Electricity etc.	100%	20%	1,121,728
3	Availability of Consumption Market.	100%	20%	1,121,728
4	Availability of labor facilities.	100%	20%	1,121,728
5	Seam/bed thickness	100%	20%	1,121,728
6	Future Potential	100%	20%	1,121,728
Total Contributing Factors		600%	120%	6,730,368

Proposed Base Price Rs.	5,608,640
Total Contributing Factors	6,730,368
Estimated Reserve Price of Mining Lease (Proposed Base Price+Total Contributing Factors) Rs.	12,339,008
Proposed Reserve Price of Mining Lease Rs.	1,2400,000/-

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% mineral bearing formation for the reasons that the factors including structure behavior of the area and depositional environment 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**