

PROFILE OF MINING CONCESSION DISTRICT MIANWALI



DIRECTORATE GENERAL MINES AND MINERALS PUNJAB

Profile Summary

Lease Title	ML-MLI-Fireclay-Mari-1
Mineral	Fireclay
Reserve Status	Proved.
Acreage	244.58 acres
Location	Near Mari, District Mianwali.
Proposed base price	Rs. 40,00,000/-

TECHNICAL DATA

a. Area description

It is submitted a free area of 244.58 acres is available in between the two granted mining leases of fireclay bearing No. ML-MLI-Fireclay-55 & ML-MLI-Fireclay-83 near Mari District Mianwali. The said block is approachable from Mari Kacha road which is connected to main Kalabagh-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

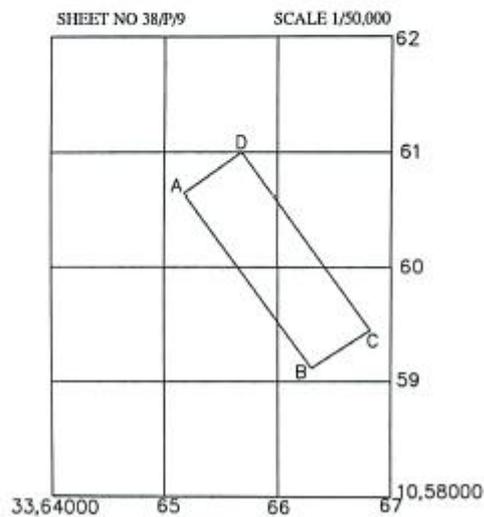
As per geological sheet of Dr. Gee, the proposed block has the exposure of Rawalpindi Group (Kamlial Formation), Makerwal Group, Chharat Group (Nammal/Sakessar Limestone), little exposure of Surghar Group (Chichali & Datta Formation). The main source of the fireclay is Data formation, and there is little exposure of the Data Formation in the proposed block. Moreover, the fireclay is exposed on the surface of the mountain.

e. **Geographical Information (Coordinates)**

PLAN SHOWIN THE AREA OF MINING LEASE FOR
FIRE CLAY NEAR MARI IN DISTRICT MIANWALI.

BLOCK NAME ML-MLI-FIRECLAY MARI (I)

POINTS	EASTING (Yds)	NORTHING (Yds)
A	33,65170	10,60640
B	33,66300	10,59118
C	33,66820	10,59450
D	33,65680	10,61000
TOTAL AREA = 244.58 ACRES		



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

The proposed reserve price of area has been calculated approximately as Rs. 40,00,000/. 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- MARI-1			
Location:- Near Mari			
District:- Mianwali			
1	Total Acreage of Mining Lease		244.58
2	Approximate Mineral Formation Bearing Area		Acres
	10%	% 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. 978,320

Sr. No	Factors	Maximum Weightage (%)	Weightage Assigned (%)	Calculated Amount(Rs.)
1	Overburden Factor	100%	50%	489,160
2	Availability of Infrastructure, Roads , water, Electricity etc.	100%	50%	489,160
3	Availability of Consumption Market.	100%	30%	293,496
4	Availability of labor facilities.	100%	100%	978,320
5	Seam/bed thickness	100%	50%	489,160
6	Future Potential	100%	25%	244,580
Total Contributing Factors		600%	305%	2,983,876

Proposed Base Price Rs.	978,320
Total Contributing Factors	2,983,876
Estimated Reserve Price of Mining Lease (Proposed Base Price+Total Contributing Factors) Rs.	3,962,196
Proposed reserve Price of Mining Lease Rs.	40,00,000/-

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% 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**