

# PROFILE OF MINING CONCESSION DISTRICT MIANWALI



## DIRECTORATE GENERAL MINES AND MINERALS PUNJAB

### Profile Summary

Lease Title	ML-MLI-Celestite-Khairabad-1
Mineral	Khairabad
Reserve Status	Proved.
Acreage	299.56 acres
Location	Near Khairabad, District Mianwali.
Proposed base price	Rs. 40,00,000/-

## TECHNICAL DATA

### **a. Area description**

The area fall on the back side of the leases granted to the Mapple Leaf. The said area is approachable from the Gullen Khel to Factory to the lease area.

### **b. Previous Prospecting / Development in the area**

Previously, a mining lease of Celestite bearing No. ML-MLI-Celestite-1 over an area of 201.35 acres was granted through open auction against a bid of Rs.28,000/- for a period of 10 years w.e.f 08.03.1990 to 07.03.2000. Thereafter, the lease was further renewed for further ten years till 08.03.2010. The ex-lessee submitted renewal application for further period under the rules. But the Licensing Authority through letter dated 18.01.2011 pleased to treat the mining lease as expired with immediate effect in the light of government policy letter dated 21.01.2008. During the validity of the lease period the ex-lessee showed a production of 7873.00 Tons and installed two mines in the leased area for the mining of Celestite

### **c. Present status of the area**

The area of the subject block of Celestite 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**

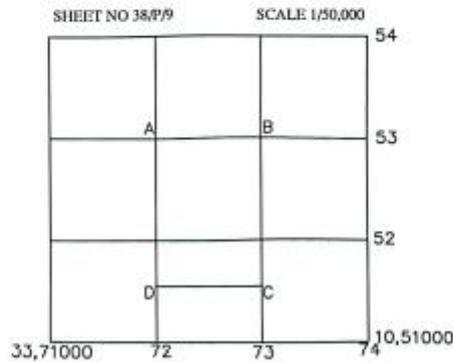
Celestite of commerce de a massive mineral, coarsely crystalline, fibrous, bladed, vary fine-grained or earthy in texture. The color varies greatly with the nature of the impurities. Distinctive characteristics are insolubility in acids, high density and crimson strontium flame. Celestite near Khairabad occurs in irregular veins of undetermined thickness and as nodules over an interrupted length of a mile or so. The mineral is lied in few feet wide, closely associated with the massive gypsum of post-nummulitic age, and overlapped by Siwalik (Chingis) (C.S.P). The Celestite vein is tightly "Frozen to the walls of limestone, medium to hard thus making the quarrying operations quite difficult and expensive. The area has exposure of Nammal Sakasar Formation.

e. **Geographical Information (Coordinates)**

PLAN SHOWIN THE AREA OF MINING LEASE FOR  
CELESTITE NEAR KHAIR ABAD IN DISTRICT  
MIANWALI.

BLOCK NAME ML-MLI-CELESTITE KHAIR ABAD(1)

POINTS	EASTING (Yds)	NORTHING (Yds)
A	33,72000	10,53000
B	33,73000	10,53000
C	33,73000	10,51550
D	33,72000	10,51550
TOTAL AREA = 299.56 ACRES		



*(Signature)*

*(Signature)*

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 CELESTITE  
MINING LEASE**

<b>Title:- ML-MLI-CELESTITE-KHAIRABAD-1</b>			
<b>Location:- Near Khairabad</b>			
<b>District:- Mianwali</b>			
1	Total Acreage of Mining Lease		299.56
2	Approximate Mineral Formation Bearing Area		Acres
	15%	% 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. <b>1,797,360</b>

Sr. No	Factors	Maximum Weightage (%)	Weightage Assigned (%)	Calculated Amount(Rs.)
1	Overburden Factor	100%	20%	359,472
2	Availability of Infrastructure, Roads , water, Electricity etc.	100%	30%	539,208
3	Availability of Consumption Market.	100%	10%	179,736
4	Availability of labour facilities.	100%	30%	539,208
5	Seam/bed thickness	100%	5%	89,868
6	Future Potential	100%	25%	449,340
<b>Total Contributing Factors</b>		600%	120%	<b>2,156,832</b>

Proposed Base Price Rs.	1,797,360
Total Contributing Factors	2,156,832
<b>Estimated Reserve Price of Mining Lease</b> (Proposed Base Price+Total Contributing Factors) Rs.	<b>3,954,192</b>
<b>Proposed Reseve Price of Mining Lease Rs.</b>	<b>40,00,000/-</b>

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**