

**PROFILE OF MINING CONCESSION
DISTRICT MIANWALI**



DIRECTORATE GENERAL MINES AND MINERALS PUNJAB

Profile Summary

Lease Title	PL-MLI-Rock Salt-Kalri
Mineral	Rock Salt
Reserve Status	Not Proved.
Acreage	391.46 acres
Location	Near Kalri, District Mianwali.
Proposed base price	Rs. 5,50,000/-

TECHNICAL DATA

a) Area description

The area is located near Karli (Khandwa Wahan). The said area is approachable from Buri Khel Road Metalled Road. The said metaled road is connected with Mianwali Kalabgh Road.

b) Previous Prospecting / Development in the area

An exploration license was offered to Mr. Amir Zameer Malik, but the applicant did not comply the offer letter, thereafter the area was with drawn by the Competent Authority. Now a prospecting license over an area 391.46 acres near Kalri (Khandwa Wahan), District Mianwali has been fabricated for the prospecting the area from the aforesaid area.

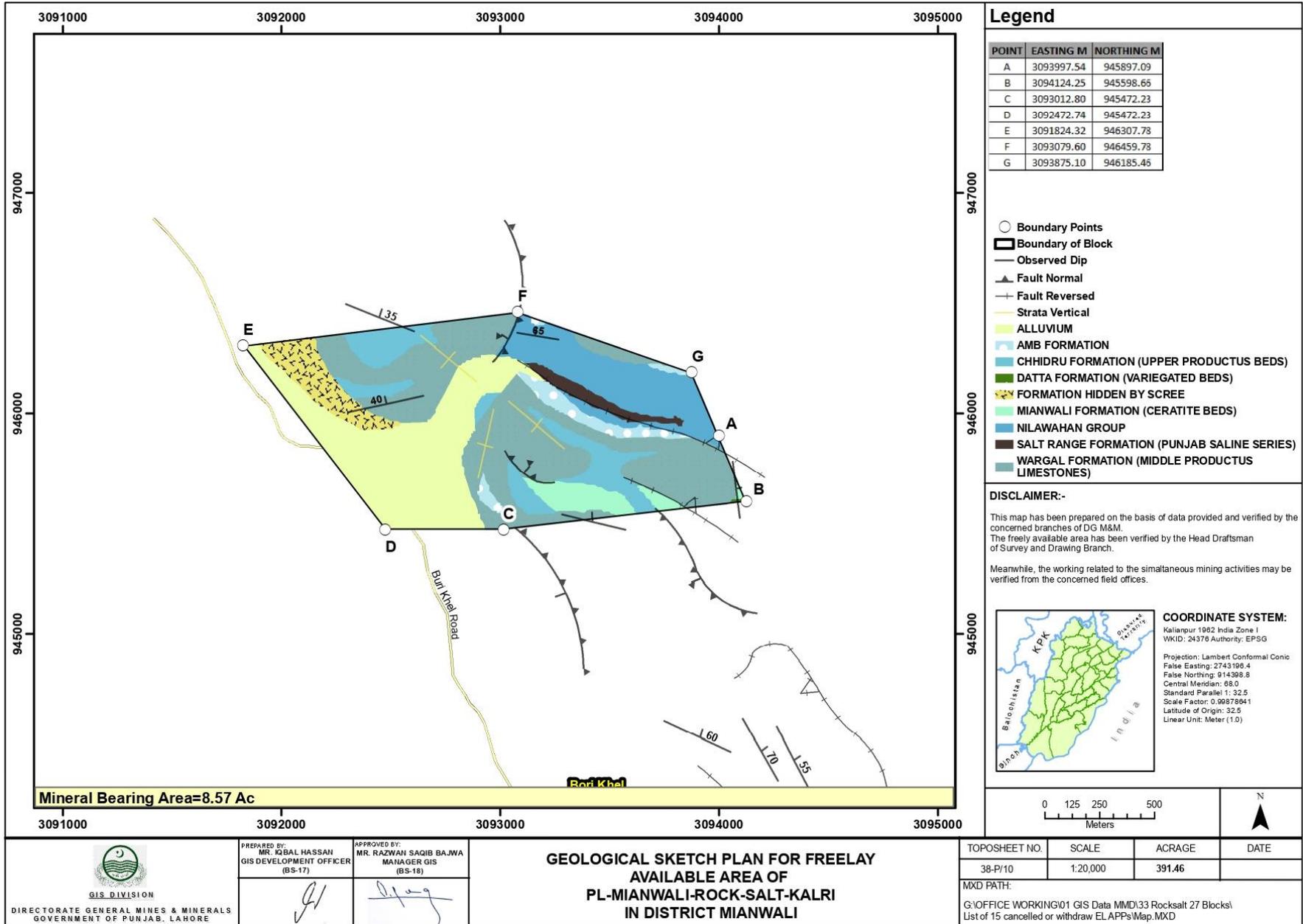
c) Present status of the area

The area of the subject block of Rock Salt is available for Open Auction as Prospecting License under Rule-187 of the Punjab Mining Concession Rules, 2002 and as per

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

This block is pertaining to District Mianwali, fall in Western Salt Range. The Salt Range Thrust (SRT) or Himalayan Frontal Thrust (HFT) is the Southernmost Thrust along the foothill of Salt Range marks the Southern boundary of East-West trending Salt Range. Due to this active foreland fold-thrust/SRT, the geological structures are quite complicated have folds and faults (Normal faults, Thrust faults). The Salt Range formation of Pre-Cambrian age are exposed in some of these folds and faulted anticlines of Salt Range Thrust. Salt Diapir is also key geological phenomena and responsible for the uplifting of Salt Range formation as well as inverse topography in Salt Range area. The Salt Range formation is mainly composed of red Marl, Salt and Gypsum with minor beds of Dolomite and Clay.

Geologically the area has Salt Range formation of Precambrian age and is overlain by younger strata of Permian age. Moreover, the area is tectonically disturbed. The geological formations falling in the area and nearby vicinity can be seen on given below geological plan. Although keeping in view the Law of Uniformitarianism, it is supposed that aforementioned rock salt bearing formations should be present underneath the younger rocks.




 GIS DIVISION
 DIRECTORATE GENERAL MINES & MINERALS
 GOVERNMENT OF PUNJAB, LAHORE

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 (B/S-17)

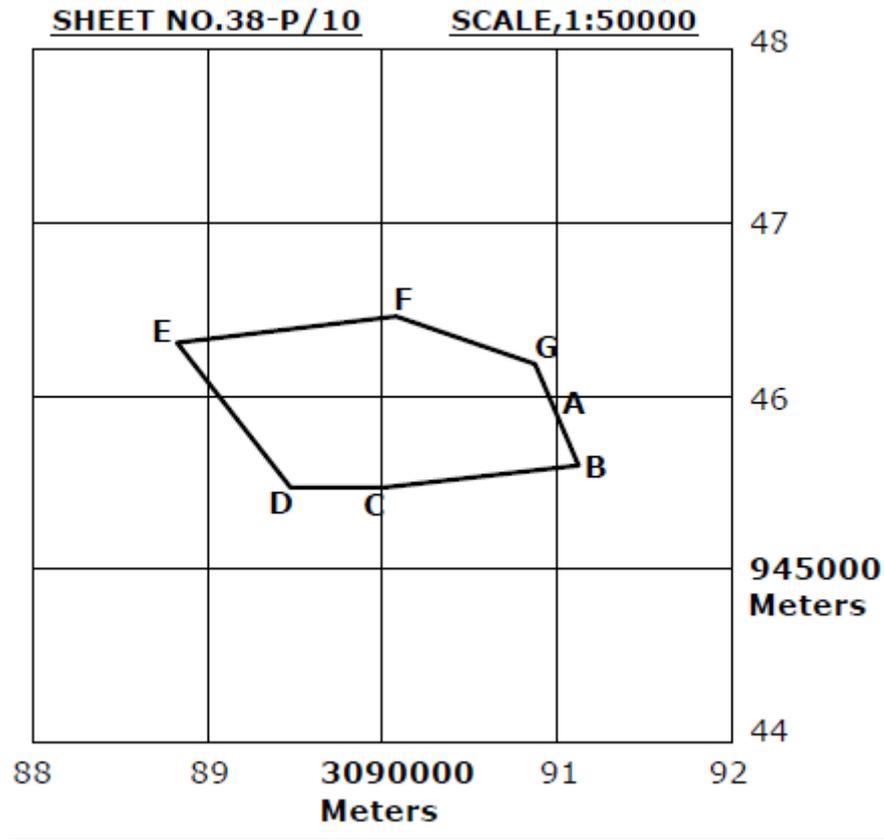
APPROVED BY:
 MR. RAZWAN SAQIB BAJWA
 MANAGER GIS
 (B/S-18)

**GEOLOGICAL SKETCH PLAN FOR FREELAY
 AVAILABLE AREA OF
 PL-MIANWALI-ROCK-SALT-KALRI
 IN DISTRICT MIANWALI**

e) **Geographical Information (Coordinates)**

The area is located on topographic sheet no.38-P/10 of survey of Pakistan. The coordinates of area are provided as under; -

Points	Easting (meters.)	Northing (Yds.)
A	3093997.54	945897.09
B	3094124.25	945598.66
C	3093012.80	945472.23
D	3092472.74	945472.23
E	3091824.32	946307.78
F	3093079.60	946459.78
G	3093875.10	946185.46
Total Acreage		391.46 Acres



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

The proposed reserve price of area has been calculated approximately as Rs. 5,50,000/-. 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**).

**PROFOMA FOR CALCULATION OF RESERVE PRICE OF ROCK SALT
PROSPECTING LICENSES**

Title:- PL-MLI-Rock Salt-Kalri			
Location:- Near Kalri			
District:- Mianwali			
1	Total Acreage of Prospecting License	Acres	320.21
2	Approximate Mineral Formation Bearing Area		8.57
3	Base Price per acre	Rs.	50000
4	Proposed Base Price of total mineral area =(Price per acre x Approximate Mineral Bearing Area)	Rs.	428,500

Sr. No	Factors	Maximum Weightage (%)	Weightage Assigned (%)	Calculated Amount(Rs.)
1	Nearby proved Salt Mining Concessions	5	5	21,425
2	Availability of Infrastructure, Roads , water, Electricity etc.	5	5	21,425
3	Seam/bed thickness as per literature.	5	2	8,570
4	Any past prospecting/exploration activity like bore holes, mine etc.	5	0	0
5	Anu unique factor	5	5	21,425
Total Contributing Factors		25	17	72,845

Proposed Base Price Rs.	428,500
Total Contributing Factors	72,845
Estimated Reserve Price of Prospecting License (Proposed Base Price + Total Contributing Factors) Rs.	501,345

Proposed reserve Price of Prospecting License Rs.	5,50,000/-
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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**