

RAJOA IRON ORE DEPOSIT

INTRODUCTION

The deposit was discovered by Punjmin during exploration phase of Chiniot Iron Ore deposit in 1999, as twin ore body near Rajoa village, located about 5km south of Chiniot Iron Ore Deposit.

The recurrence of iron ore deposit near Rajoa has geological significance and could be a potential source of iron ore and can facilitate establishing of iron and steel plant in Chiniot, provided the deposit is explored/evaluated in detailed and proved with sufficient resources of acceptable grade. A total potential area measuring 3793 acres earmarked for detailed exploration was applied for prospecting license, out of which 500 acres now stands granted to Punjmin for prospection.

LOCATION

- The deposit is located at 3 km south of Chiniot iron ore deposit and falls on toposheet No. 44 -A/14, at latitude 30° 38' 31" to 30° 45' 0" and longitude 72° 50' 51" to 73° 51' 0", in District Jhang.

EXPLORATION WORK CONDUCTED / FINDINGS

- The deposit was discovered by Punjmin during exploration phase of Chiniot ore deposit in 1999, as twin ore body.
- Semi - detailed magnetic survey was conducted over 70 sq km with spacing of 500 mt.
- Detailed magnetic survey was conducted over 20 sq km at spacing of 100x 300 mt which identified three anomalous zones over 3800 acres.
- Punjmin drilled a test holes nearby eastern periphery of prominent anomaly which confirmed the existence of disseminated magnetite bearing rocks.
- Grade of ore is low with Fe₂O₃ as 32-36%.
- Resource potential has been estimated as 500 million tonnes, subject to detailed and systematic exploration.