

MARKET: Ferrosilicon is the major ferroalloy produced by tonnage worldwide

USES: Each tonne of steel uses 4-5 kg FeSi

DEPOSIT: World class silica deposit TEAM: Management with more than 100 years professional experience in mining & industrial processes, R&D and marketing

LOCATION: Mining friendly jurisdiction, cheap hydroelectricity, strategic location with key infrastructures (rail, harbor, roads) and marketing.

Ferrosilicon is the major ferroalloy by tonnage

Ferrosilicon is used mainly as a master alloy during iron- and steelmaking. Actually, the production of one tonne of steel consumes 4-5 kg FeSi

Ferrosilicon major use is as deoxidizer to remove oxygen from hot metal

Ferrosilicon is essential for the production of magnesium metal (Pidgeon's process)

As an alloying element it improves the electrical and mechanical properties of steel along with corrosion resistance

One of the fastest growing categories within steelmaking is the stainless sector, stainless steel has a specific consumption of ferrosilicon 5–10 times higher than regular carbon steel. One tonne of SS needs approximately 20 kilograms of FeSi