

## **Fundamentally New Magnetmeter –“Locator” for Search Magnetite Ores**

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Electromagnetism lows and achievements magnetprospecting and radioelectronics of all 20th century serve as a theoretical base of our “locator”. Practical essence of our “locator” is proved by the fact that after careful study of principles and abilities of all existing magnetmeters of all three revolutions in magnetic prospecting we have come to the conclusion that they cannot solve local questions of the magnetic prospecting or determine centre coordinates of magnetite ore body before drilling.

While creating our cardinaly new magnetmeter, we brought in nothing new in it. We borrowed different things from radio-prospectors, magnetprospectors, wireless operators and combined all of them while creating the “locators”.

The “locators” construction is based on the “magnetic intensification” principle, owing to which our “locators” are characterised by high sensitiveness and ability to determine centers of even little commercial magnetite ore deposits with relatively weak magnetic anomalies.

The main advantage of our “locators” over existing ones is that it can solve local questions determine centre coordinates.

A remarkably simple locator construction determine direction of the on-surface measurings towards the ore body centre and gives approximate prognosis resources before/without/ drilling.

The “locators” were worked out for the first time in history, they have 2 licences.

Theoretical basis of the “locators” application its practical results presented in the report.