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Detailed Technical Specifications for Portable VLF Receiver System along with Proton Precession Magnetometer

Equipment Detail: Portable VLF Receiver System along with Proton Precession Magnetometer (preferably two in one system)

Purpose: Measurements of the Vertical in-phase & Out-of phase components as percentage of total field

Frequency Range: 10 to 30 kHz

Software: VLF Software for data interpretation

Other Includes and Accessories: VLF Electronics (Card); VLF Sensor with Leather Case & Cable; Instruction manual

1. Specification for Proton Precession Magnetometer is as follows:

- a. 0.01nT resolution +/- 1.0nT absolute accuracy
- b. 20,000 – 120,000nT dynamic range
- c. >10,000nT/m gradient tolerance
- d. Reading Storage Capacity should be greater than 32Mb memory

2. Other Includes and Accessories:

- a. Magnetometer console
- b. STANDARD Proton Sensor with Cables and Connectors
- c. Battery charger – universal AC input
- d. Back pack (for sensor hands free operations)
- e. Instruction manual
- f. GPS high resolution built-in type with the VLF Receiver System

3. Warranty: Standard One Year