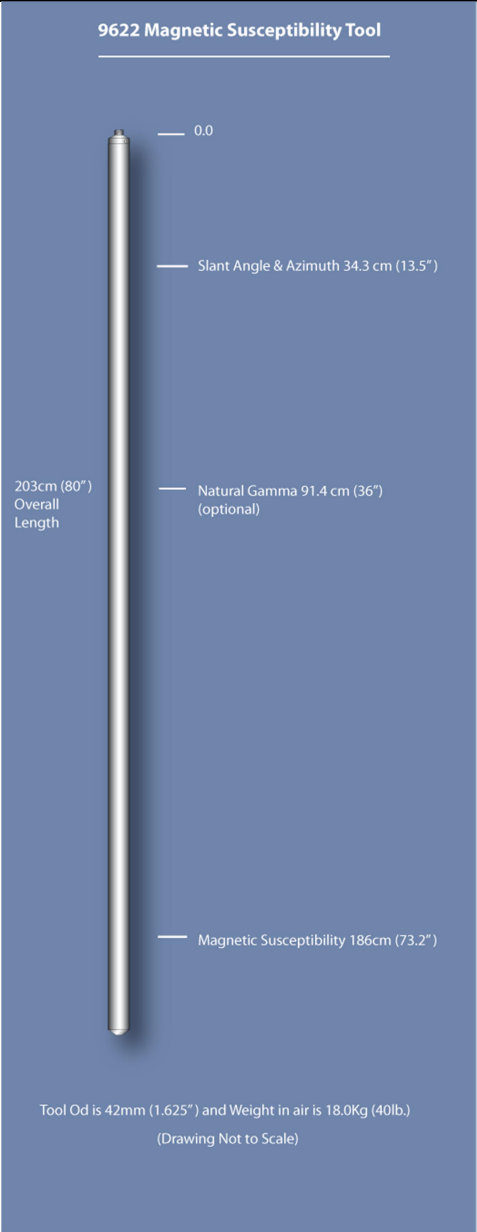




**Century**  
GEOPHYSICAL, LLC

## PRODUCT DESCRIPTION

Tool#: 9622		Part#: 314500	
ToolName:		Magnetic Susceptibility Tool	
Tool Description:		The Magnetic Susceptibility tool is a slim hole mining tool primarily designed to measure the magnetic susceptibility of the formation. Additionally, optional natural gamma, inclinometer and magnetometer sensors.	
Tool Specifications		Illustration	
Length:		323 cm (127 in.)	
Diameter:		57 mm (2.25 in.)	
Weight:		34.6 kg (76 lb.)	
Temperature:		85 C (185 F)	
Pressure:		352 kg/cm2 (5000 PSI)	
Voltage Required:		115 vdc	
Logging Speed:		Maximum: 5.5 m/min. (18 ft./min.) Minimum: 2.7 m/min. (9 ft./min.)	
Sensors		 <p>9622 Magnetic Susceptibility Tool</p> <p>0.0</p> <p>Slant Angle &amp; Azimuth 34.3 cm (13.5")</p> <p>203cm (80") Overall Length</p> <p>Natural Gamma 91.4 cm (36") (optional)</p> <p>Magnetic Susceptibility 186cm (73.2")</p> <p>Tool Od is 42mm (1.625") and Weight in air is 18.0Kg (40lb.) (Drawing Not to Scale)</p>	
1. Natural Gamma: (optional) 2.2 x 10.2 cm (0.875 x 4 in.) Scintillation Crystal Offset: 91.4 cm (36 in.)			
2. Magnetic Susceptibility : Dual-focused coils, 1.44 kHz operating frequency 10.2 cm (4 in.) resolution vertically and horizontally Offset: 186 cm (73.2 in.)			
3. Slant Angle and Azimuth Measurements: 3-axis magnetometer2-axis inclinometer Offset: 34.3 cm (13.5 in.)			