Ore wells logging | Coal and water wells logging | Cased hole

TSSP-GK-S-48/60/73/90 DOWNHOLE SPECTROMETRIC GAMMA LOGGING TOOL

Designed for quantitative determination of natural radioactive elements (NRE) content - uranium (U), thorium (Th) and potassium (K) - in rocks during the study of wells for various purposes, drilled in solid mineral deposits and groundwater.

The downhole tool is to be run with VULCAN V3 log recorder or similar.

Operates with one-core or three-core logging cable.

SPECIFICATIONS

The range of measurement , %: - uranium - thorium - potassium	 $(1\text{-}100)\cdot10^{-4}$ $(1\text{-}100)\cdot10^{-4}$ 0,1-20
Gamma-ray energy measurement range, MeV	0,06-3,0
The main relative measurement error, %,	5
The number of energy channels	256
Type of scintillation detector	NaI(Tl), BGO
Downhole tool supply voltage, V	50-60
Consumption current, mA	80
Output code	Manchester-2
Maximum operating temperature, °C	80/120
Maximum hydrostatic pressure, MPa	20/60
Length, mm	1200
Diameter, mm	48/60/73/90
Weight, kg	8/10/15/20

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info@vniigis.com
market@vniigis.com
+7 (34767) 7-19-00
+7 (34767) 7-20-99