

## Natural Gamma - Shuttle

### DMT logging tool

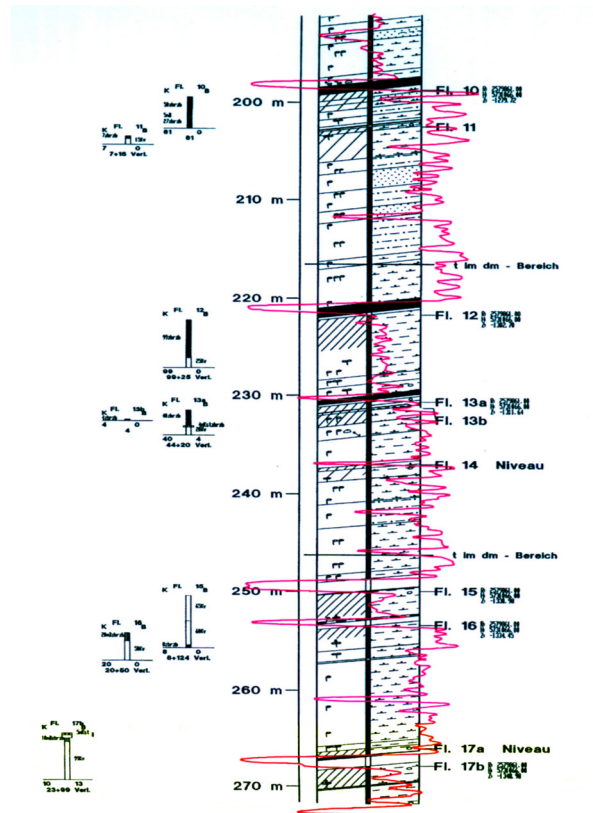
The Natural Gamma – Shuttle uses a high resolution NaJ gamma ray detector to measure the emission of natural gamma rays from the rocks.

The tool is intrinsically safe and can therefore be operated in explosion hazardous areas like coal mines; from the surface and underground.

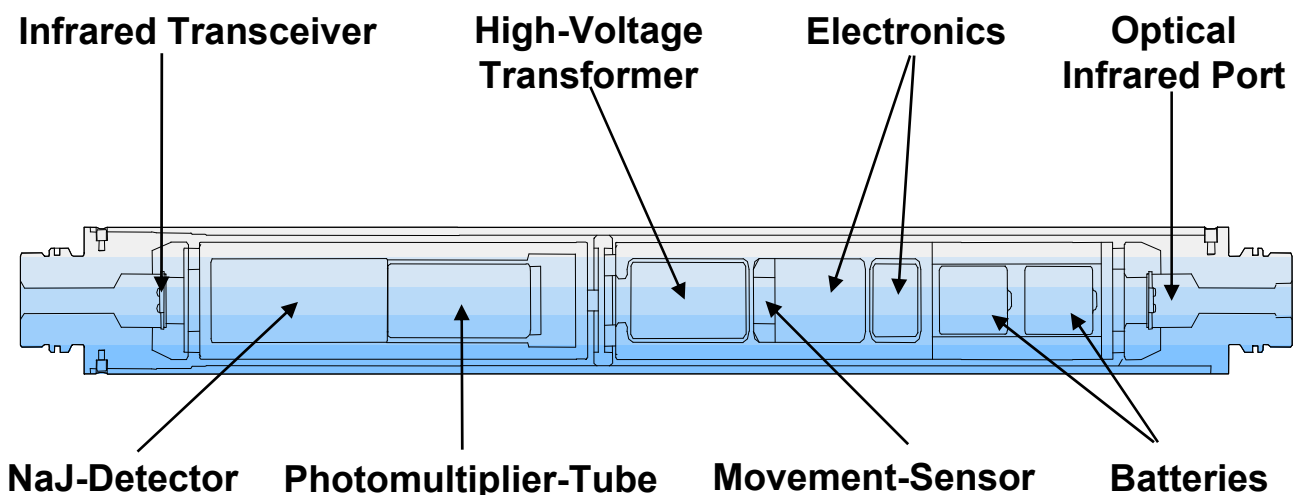
The right hand figure shows a lithology log together with the detected gamma ray curve. It shows clearly that different rocks are distinguished and the thickness and structure of coal seams can be detected.

The Natural - Gamma Shuttle can be combined with the

- Borehole Orientation – Shuttle
- Optic - Shuttle



Log from NQ-Gamma Shuttle overlaying Lithology



## Technical Data

Tool length	880 mm
Tool diameter	56 mm
Weight	6.8 kg
Maximum depth	1000 m
Maximum pressure	100 bar
Maximum temperature	70° Celcius
Working time	12 hours
Logging speed recommended	6 m/min.
Minimum borehole diameter	60 mm
Core barrel size	NQ
Sensors	Gamma ray
Parameters logged	Gamma ray
	Structure
	Thickness

Subject to change

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