



Airborne Radiometric Surveys in Krileva Region - Kosovo

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Abstract: Airborne radiometric survey through gamma ray spectrometer, data recording of total radiation of radioactive elements K (%), U (ppm) and Th (ppm) allows delineation of rock formations. Measuring these elements through radioactive gamma ray spectrometer enables decoding of various lithological formations and also easily identifies centers of volcanic hot spots, as it is the case of Krileva region, Kosovo, where outcrops of acidic volcanic rocks, andesite (α) of Tertiary age, are encountered. Increasing of total radiation values due to presence of radioactive elements, clearly helps in delineation of volcanic centers through radiometric anomalies in volcanic rock massifs.

Keywords: *Airborne Radiometric (AR) survey, Artana deposit, radiometric anomaly*

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