GREENPEG®

EXPERTS' NETWORK

Efficient

High-resolution

Sustainable

High resolution data for pegmatite exploration

Drone-borne Radiometry

IfU GmbH - Privates Institut für Umweltanalysen

Drone-borne radiometry surveys

Within the GREENPEG project, IfU has developed a drone-based radiometric mapping system. This innovative technique, which operates at low altitudes, provides an efficient means for gamma-ray mapping of small- to medium-sized prospect areas. Leveraging the radiometric contrast between target and host rocks, this approach allows for the rapid identification of lithological contacts, including pegmatite ore bodies. Drone-based radiometric mapping can be conducted in any region where commercial UAV operations are permitted.

Image 1: Radiometric mapping base station.

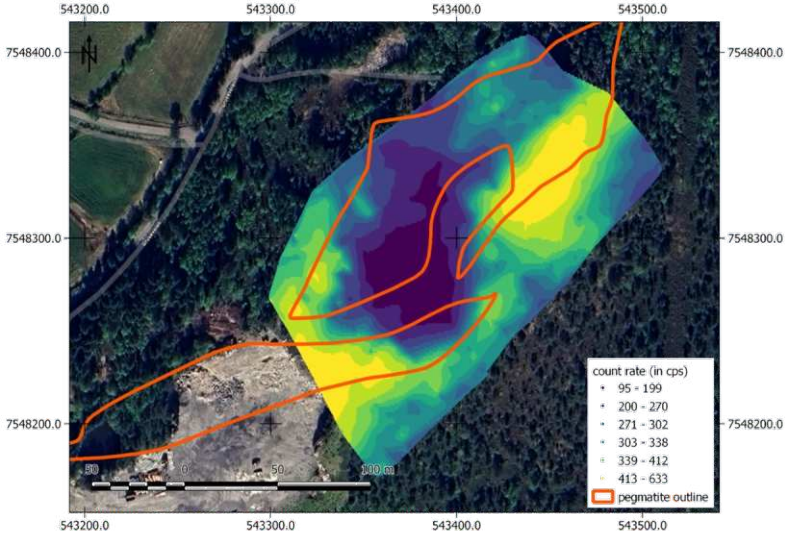

Figure 1: High-resolution radiometric count rate map. Data were collected from an altitude of 15 meters.

Image 2: Drone-borne mapping system while surveying.

Interested in drone-borne radiometry services? Contact us!

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