



# THERMAL MAPPING

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Airborne Thermal Mapping uses high resolution thermal imaging cameras that measure infra-red radiation in 3-5 micrometer and 8-14 micrometer bands of the electromagnetic spectrum.

Typical thermal imaging applications include:

- Geothermal & Exploration
- Leak detection mapping
- Landfill site surveys for detection of Methane gas
- Underground fire / hotspot detection and mapping
- Sub-surface heating pipe / wiring detection and mapping
- Heat loss and damp mapping in buildings
- Mapping of water paths
- Insulation integrity surveys

## ABOUT SOUTHERN MAPPING

Southern Mapping provides LiDAR, Hyperspectral, Thermal surveys and mapping; as well as satellite imagery and associated product and GIS services for a variety of industries and sectors. These include civil engineering and infrastructure development, mineral exploration and mine management, environmental planning and rehabilitation, and urban and agricultural planning.

