



Hells Gates



A range of field surveys will be undertaken for the Hells Gates Project to document the current environmental conditions across the project area. These studies will be supplemented by desktop assessment of existing information. The results will inform the Business Case and environmental assessment.

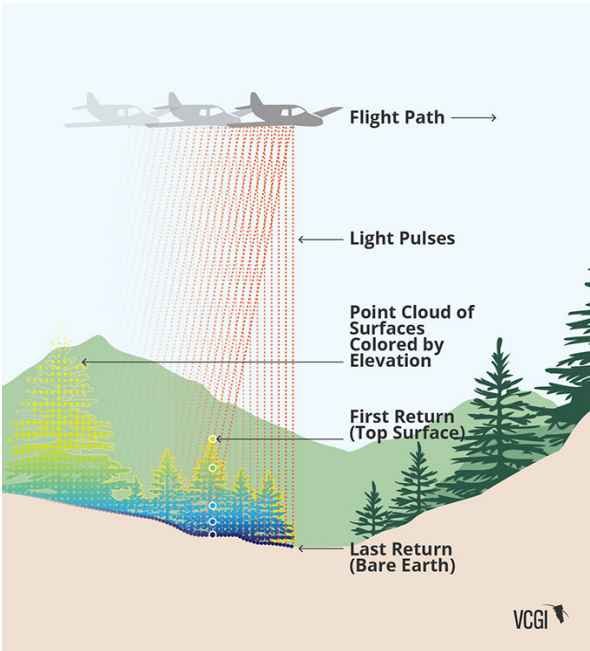
LiDAR

Light Detection and Ranging (LiDAR), is a remote sensing method that uses light in the form of a pulsed laser to measure distance from the ground.

LiDAR survey consists of a laser, a scanner and a specialised GPS receiver. An airplane will be used to acquire lidar data over broad areas by pointing a laser at a targeted area on the ground. The beam of light is reflected by the surface and a sensor records the light and measures the range. When the laser ranges are combined with orientation data from the ground control systems, our scientists and mapping professionals will be able to examine detailed characteristics of the surface environment with great accuracy and precision.



Credit: Vermont Centre for Geographic Information



Consultation

All field investigations will be undertaken in consultation with landholders. Specific measures which ensure there will be no effect on landholder operations and activities will be identified through engaging with landholders and enshrined in the Project Land Access Protocol. All field work will be conducted in accordance with landholder requests and consider the location of sampling sites, how these sites are to be accessed and the timing of access.



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