

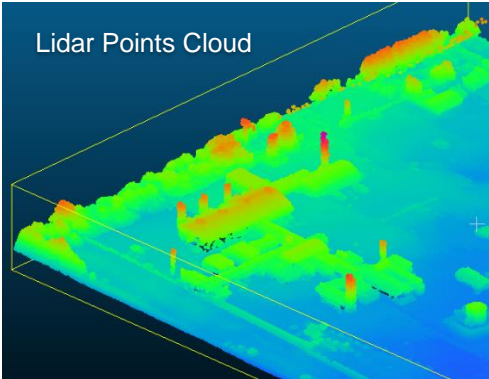


# Western Heritage

# UAV Services



WH Geomatics, the geomatics division of Western Heritage has developed a number of UAV delivered solutions in the areas of Lidar, aerial photography, thermal inspection, archaeology site management and environmental monitoring. WH Geomatics serves customers in the utilities, mining, oil & gas, agriculture, forestry, survey, transportation and construction industries.



### Lidar Solutions

WH Geomatics collects point clouds with 5 cm vertical and 3 cm horizontal accuracy. The points cloud is used to build accurate digital surface models (DSM and DTM), calculate stockpile volume, generate contour lines and 3D models.



### Aerial Photography

WH Geomatics captures information at different stages in the site operations to assist in planning and reclamation efforts in ensuring regulatory compliance. This allows for accurate mapping of any changes within the project footprint.



### Pipeline & Facility Inspection

Working with optical, thermal, and methane sensors, WH Geomatics can monitor structures and facilities for damage, including bridge inspection and pipeline leakages.

