Explore the Benefits of WorldView-3

The WorldView-3 satellite is the first commercial satellite to have seventeen high resolution spectral bands that capture information across the visible, near-infrared and short-wave infrared regions of the electromagnetic spectrum. It has the highest spatial and spectral resolution satellite imagery commercially available.

Features

» Highest resolution commercially available
  - Panchromatic 31cm
  - Visible & Near-infrared 1.24m
  - Short-wave infrared 3.7m

» Broadest spectral range commercially available
  - 1 Panchromatic band
  - 8 VNIR bands
  - 8 SWIR bands
  - 12 atmospheric bands

» Superior atmospheric corrections

» Highly accurate geocoding

» Priority satellite tasking for clients of Exploration Mapping Group

Benefits

» Apply the latest technology for competitive advantage

» Map geology, alteration and structures in spectral regions and at scales not possible before

» Streamline work planning for mapping, surveying, sampling and drilling

» Monitor regional environmental state including vegetation, erosion, drainage and wildlife habitat

» Document baseline site and infrastructure conditions

» Measure site development progress

» Prepare disaster response and site reclamation plans

Relative Spectral Coverage of WorldView-3

Cuprite, Nevada is one of the most iconic remote sensing sites in the world and has been used as a calibration test site for every major resource satellite ever flown. The yellow, green and brown colors represent high concentrations of silica, iron and clay alteration minerals and are just a few of the 30+ mapping classes produced by Exploration Mapping Group for resource exploration.