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 7.5m
- 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.