

09.03. IKONOS Multispectral – 13 June 2002

1.0 File Format

Original IKONOS images are not available for public distribution. Examples in this dataset are reduced quality three-channel jpeg format images with associated georeference world file.

2.0 Theme Metadata

Metadata provided by SpacImaging™ with original imagery.

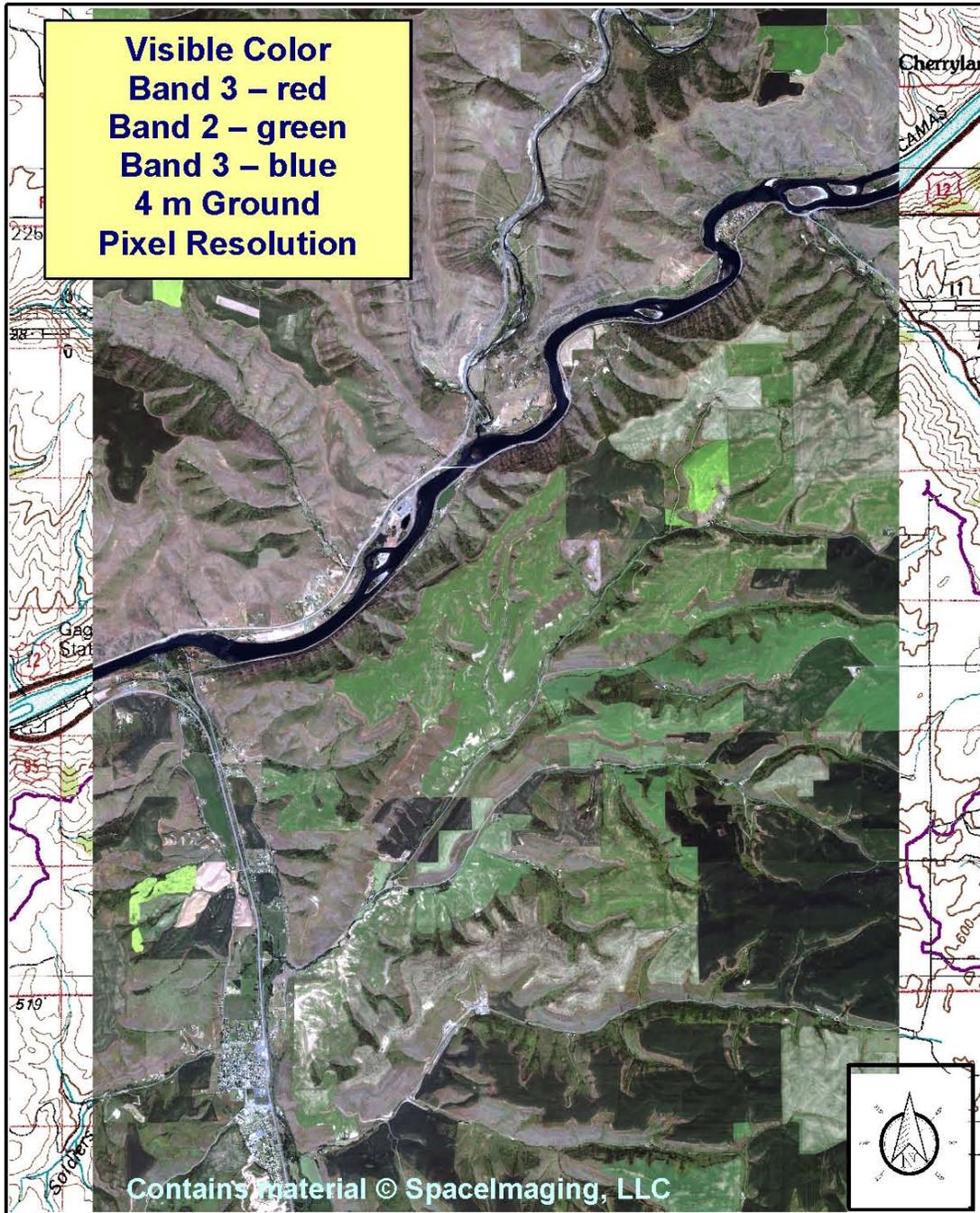
3.0 Description

The IKONOS commercial satellite produces 1-meter ground pixel resolution (GPR) black-and-white (panchromatic) and 4-meter GPR multispectral (red, blue, green, near infrared) imagery. SpacImaging™, LLC operates the IKONOS satellite and offers imaging services and products through its website at spaceimaging.com.

IKONOS 4-meter ground pixel resolution (GPR) multispectral images reveal a high level of detail in riparian zones and stream channels. Trained observers can determine vegetation community characteristics and discriminate some species. Vegetation band indices, such as the normalized vegetation difference index (NDVI), can be computed from radiometrically calibrated IKONOS multispectral images. SpacImaging dynamically adjusted the images in this dataset to enhance visual interpretability. High-resolution IKONOS imagery provides ground truth information to validate interpretation of lower resolution satellite imagery.

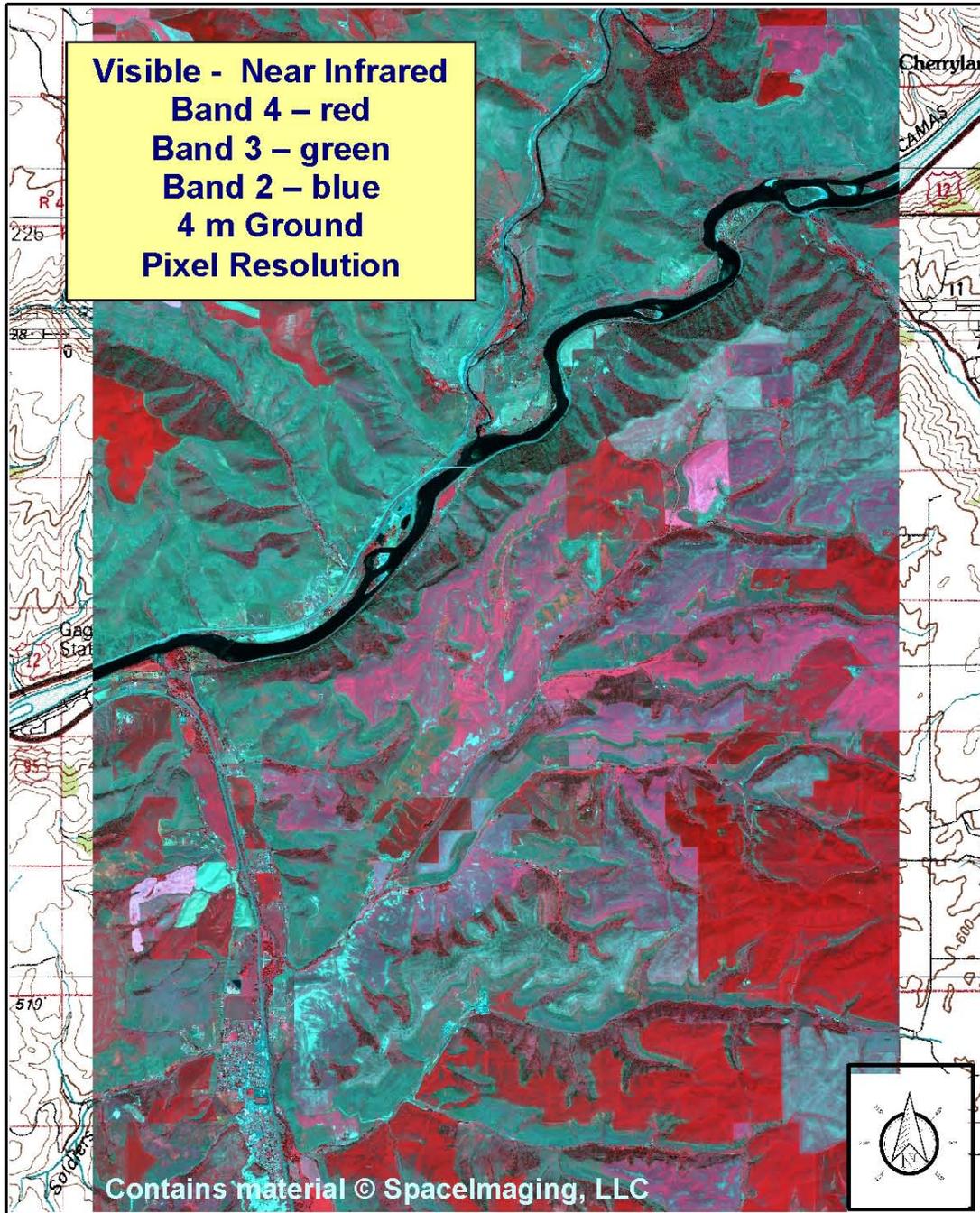
4.0 Projection

Universal Transverse Mercator Zone 11 North, North American Datum of 1927.



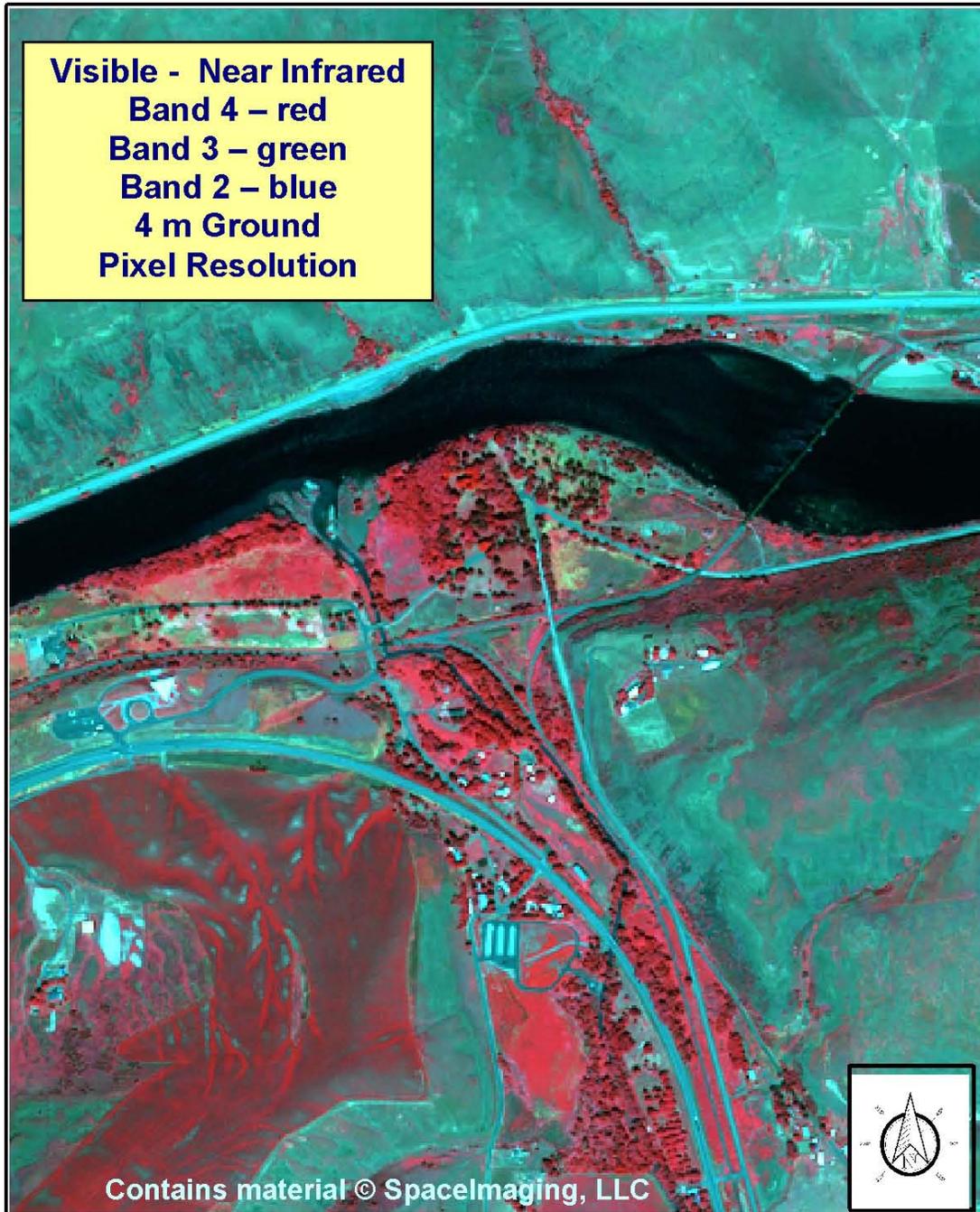
Lapwai Creek Theme 09.01.
Lapwai, ID IKONOS VIS 13 Jun 02





Lapwai Creek Theme 09.01. 0 1 2 3 Kilometers
Lapwai, ID IKONOS VNIR 13 Jun 02





Lapwai Creek Theme 09.01.
Lapwai, ID IKONOS VNIR 13 Jun 02

0 100 200 300 Meters

