



Landed 7 ETM+ data acquired June, 2003  
 Universal Transverse Mercator projection, zone 5  
 1983 North American Datum

SCALE 1:63,300  
 1 MAP INCH = 1 GROUND MILE  
 1:63,300  
 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000  
 METERS  
 0 1 2 3 4 5 6 7 8 9 10  
 KILOMETERS

SHEET 3 OF 3  
 SHEET 2 OF 3  
 SHEET 1 OF 3

**DESCRIPTION OF SPECTRAL UNITS**

- Wet, vegetated, sandy mud—About 45 to 50 percent water, about 45 to 50 percent dead or all vegetation brown, no chlorophyll and low vegetation green, chlorophyll present, and less than 5 percent sandy mud
- Dry, vegetated, sand—About 20 percent live vegetation (green, chlorophyll present), about 75 percent dead or all vegetation brown, no chlorophyll, and less than 5 percent bare sand. In some areas such as in possible dunes, the air content of about 20 percent silt, about 20 percent bare sand, about 20 percent live (green) vegetation, and about 40 percent dead or all forest vegetation
- Slightly muddy sand—Less than 95 percent quartz sand, but more than 5 percent live green vegetation, silt, and clay
- Clean sand—More than 95 percent quartz sand, but less than 5 percent live (green) vegetation, silt, and clay
- Green vegetation—More than 50 percent green vegetation cover
- Water and ice—100 percent water and ice ice
- Nonclassified—See accompanying text for definition

**EXPLANATION OF MAP SYMBOLS**

- Federal boundary of the National Petroleum Reserve to Alaska (NPSA)
- Existing pipeline and infrastructure
- Proposed pipeline route (approximate, as of May 2004)
- Exploration well locations from Alaska Department of Natural Resources, Division of Oil and Gas, May 2004
- Proposed production pad (approximate, as of May 2004)

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