

**LIBRARY  
COPY**

ABR

**Atlas of Integrated Terrain Units for the Colville River Delta, Northern Alaska**

Appendix C

Prepared for:

**Arco Alaska, Inc.**  
P.O. Box 100360  
Anchorage, AK 99510









































Prepared by

**Alaska Biological Research, Inc.**  
P.O. Box 81934  
Fairbanks, AK 99708

12 February 1993

Z  
1993  
9

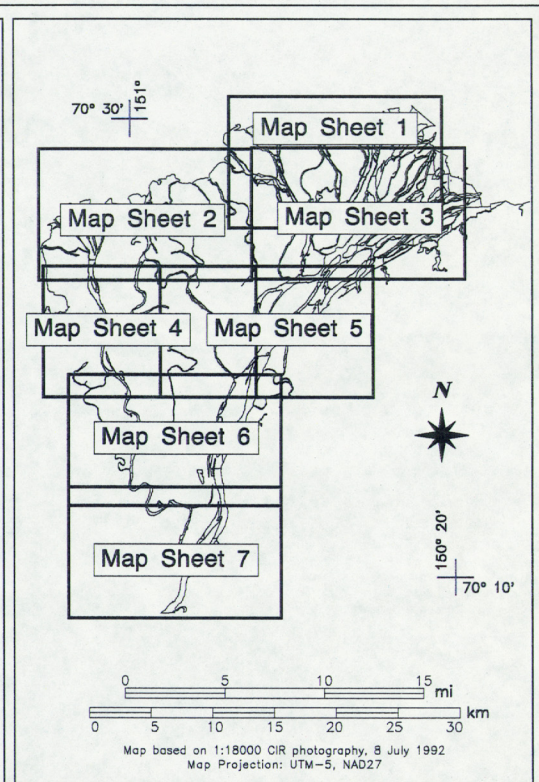
# INTEGRATED TERRAIN UNIT LEGEND

 Loess/All Other Subunits Grouped	 Thaw Lake Deposit/Nonpatterned/Barren
 Sand Dune/Nonpatterned/Partially Vegetated	 Thaw Lake Deposit/Nonpatterned/Partially Vegetated
 Sand Dune/Nonpatterned/Vegetated	 Thaw Lake Deposit/Nonpatterned/Wet Meadow
 Riverbed-Sandbar/Nonpatterned/Barren	 Thaw Lake Deposit/Nonpatterned/Low, Tall Shrub
 Riverbed/Nonpatterned/Partially Vegetated	 Thaw Lake Deposit/Nonpatterned/Salt Marsh
 Riverbed/Nonpatterned/Riparian Low, Tall Shrub	 Thaw Lake Deposit/Nonpatterned/Salt-killed Meadow
 Riverbed/Nonpatterned/Salt Marsh	 Thaw Lake Deposit/Disjunct Polygons/Salt-killed Meadow
 High-water Channel/Nonpatterned/Partially Vegetated	 Thaw Lake Deposit/L.C.P., Low Density/Wet Meadow
 High-water Channel/Nonpatterned/Wet Meadow	 Thaw Lake Deposit/L.C.P., Low Density/Riparian Low, Tall Shrub
 High-water Channel/Nonpatterned/Riparian Low, Tall Shrub	 Thaw Lake Deposit/Pingo/Upland Dwarf Shrub
 High-water Channel/Nonpatterned/Salt Marsh	 Tidal Flat/Barren
 High-water Channel/Nonpatterned/Salt-killed Meadow	 Tidal Flat/Partially Vegetated
 Cover Alluvium/Nonpatterned/Wet Meadow	 Tidal Flat/Salt Marsh
 Cover Alluvium/Nonpatterned/Salt-killed Meadow	 Gravel Fill
 Cover Alluvium/Disjunct Polygons/Wet Meadow	 River or Stream Channel
 Cover Alluvium/Disjunct Polygons/Low, Tall Shrub	 Channel Lake
 Cover Alluvium/Disjunct Polygons/Salt-killed Meadow	 Thaw Lake-Pond
 Cover Alluvium/L.C.P., Low Density/Wet Meadow	 Nearshore Water and Brackish Ponds
 Cover Alluvium/L.C.P., Low Density/Riparian Low, Tall Shrub	
 Cover Alluvium/L.C.P., Low Density/Salt-killed Meadow	
 Cover Alluvium/L.C.P., High Density/Wet Meadow	
 Cover Alluvium/L.C.P., High Density/Riparian Low, Tall Shrub	

## INTEGRATED TERRAIN UNIT SYSTEM

### Landform / Surface Form / Vegetation

Integrated terrain units incorporate landform, surface form, and vegetation features. The primary colors denote landforms, while secondary shades denote different surface forms. Patterns represent vegetation types and are consistent across landforms. Waterbodies are classified separately. Units are described in Part II of the report.



ARCO Alaska, Inc.

## COLVILLE GEOMORPHOLOGY AND HYDROLOGY

### Atlas of Integrated Terrain Units Colville River Delta, Alaska

Alaska Biological Research, Inc.  
Arctic Hydrologic Consultants

Date: 5 Jan 1993

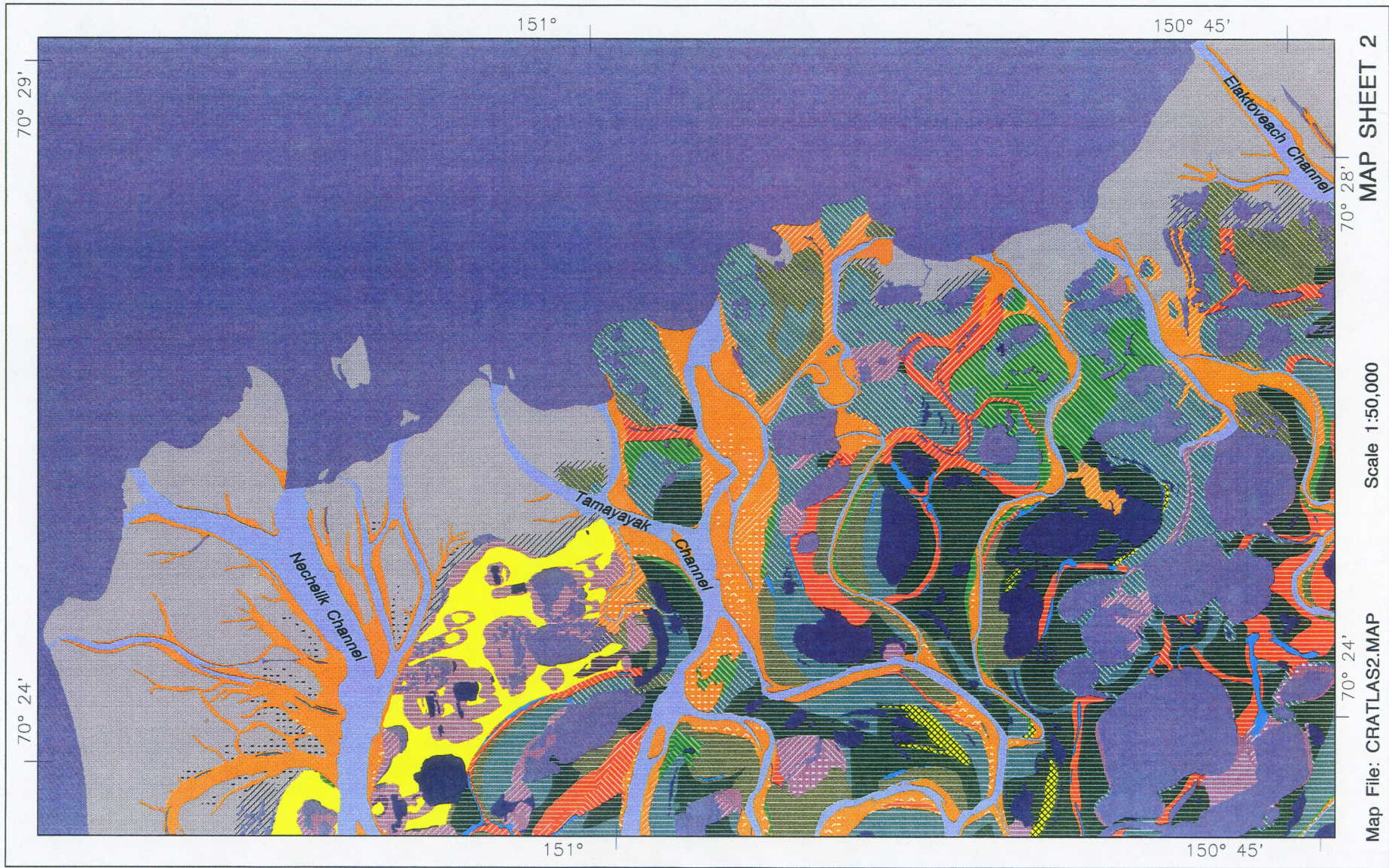
AGIS File: CRDATLAS.MAP

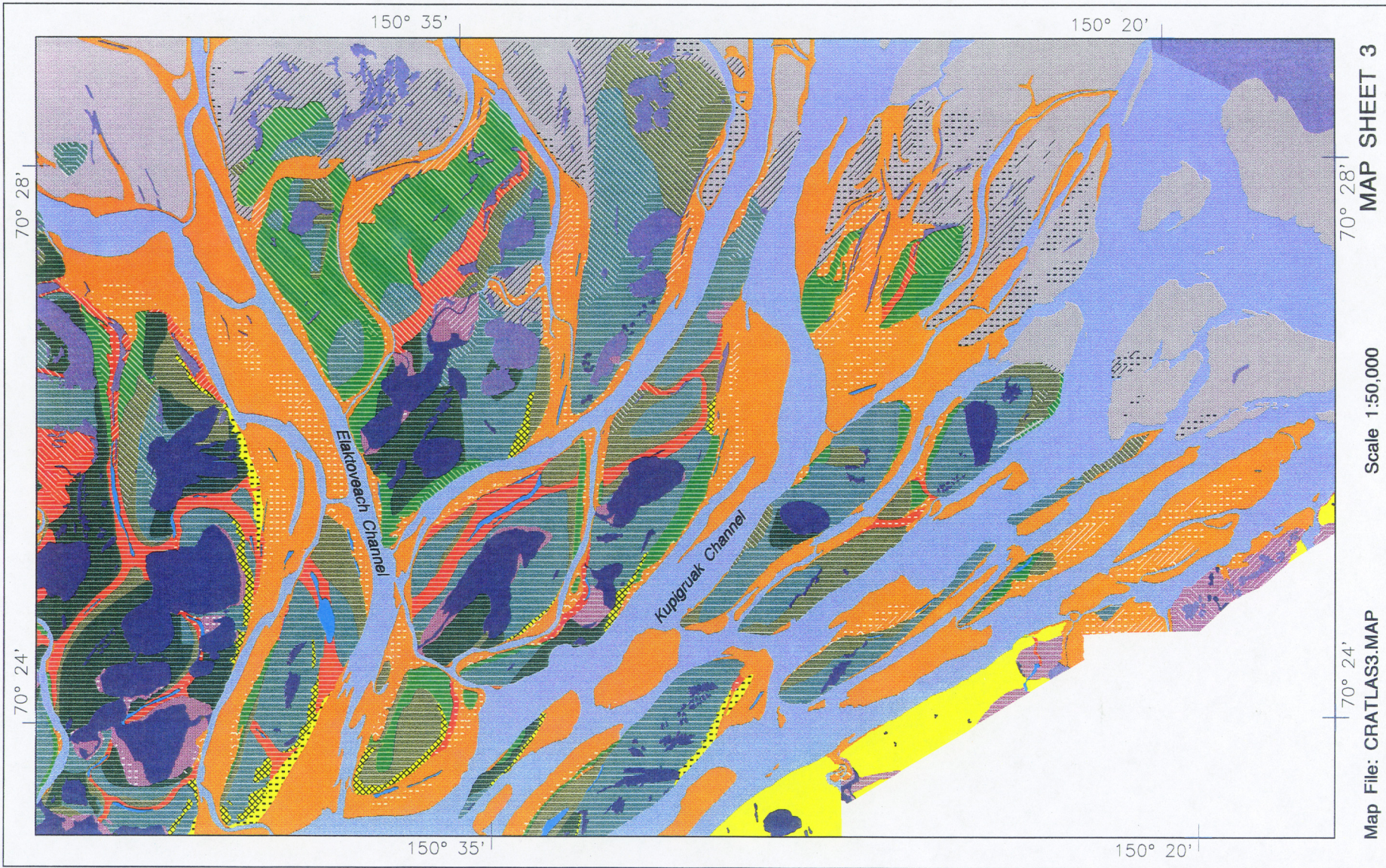


MAP SHEET 1

Scale 1:50,000

Map File: CRATLAS1.MAP

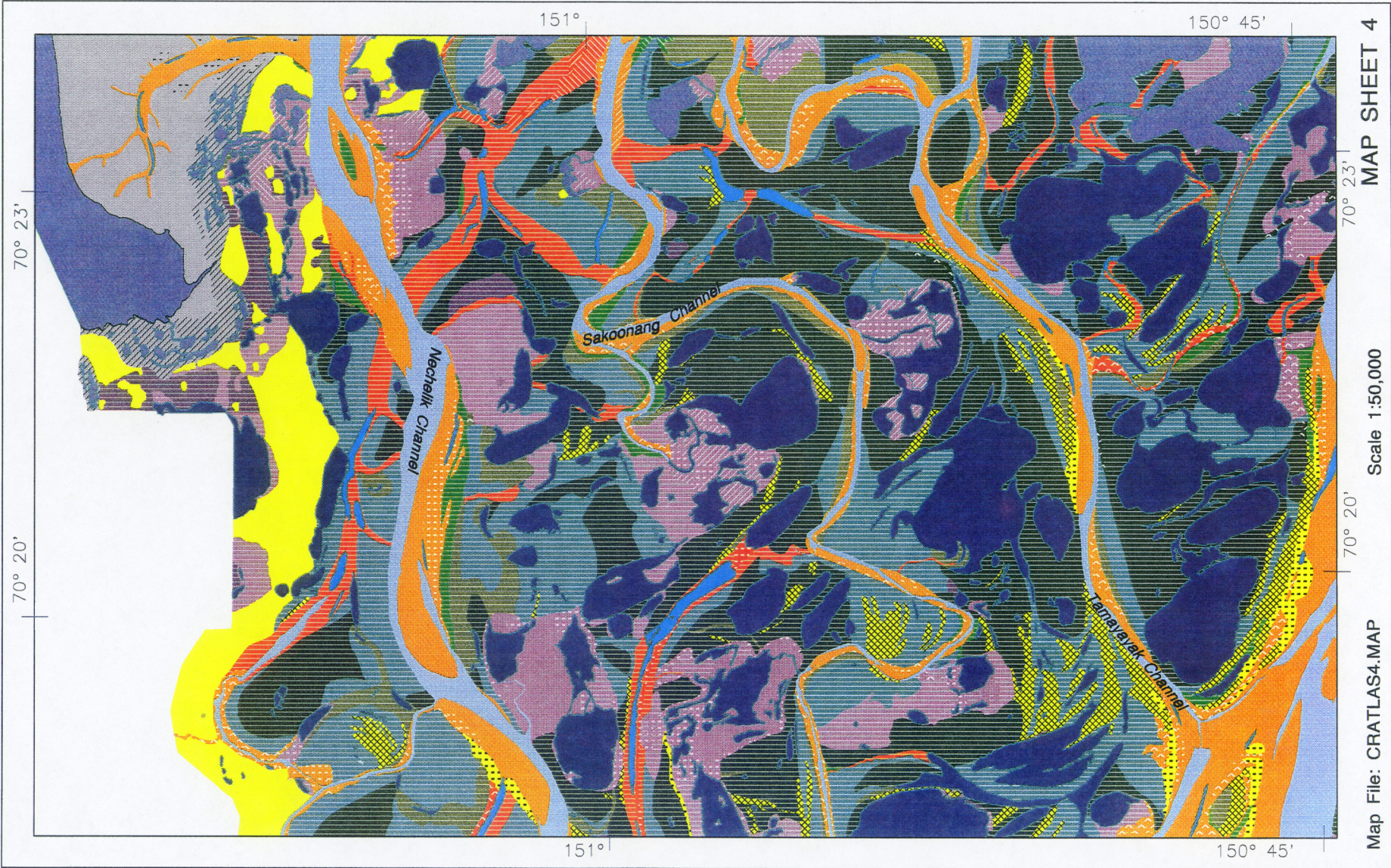




MAP SHEET 3

Scale 1:50,000

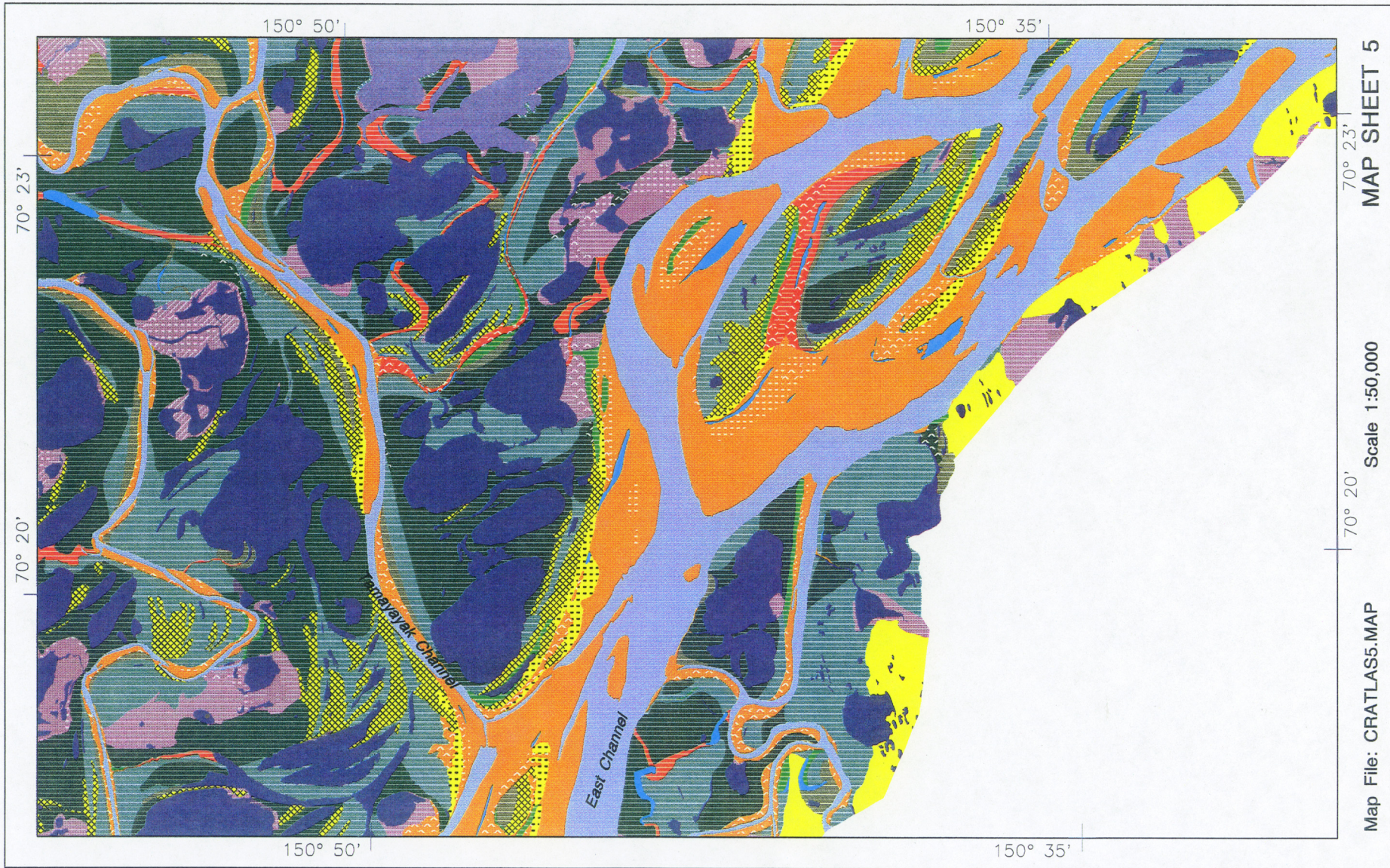
Map File: CRATLAS3.MAP

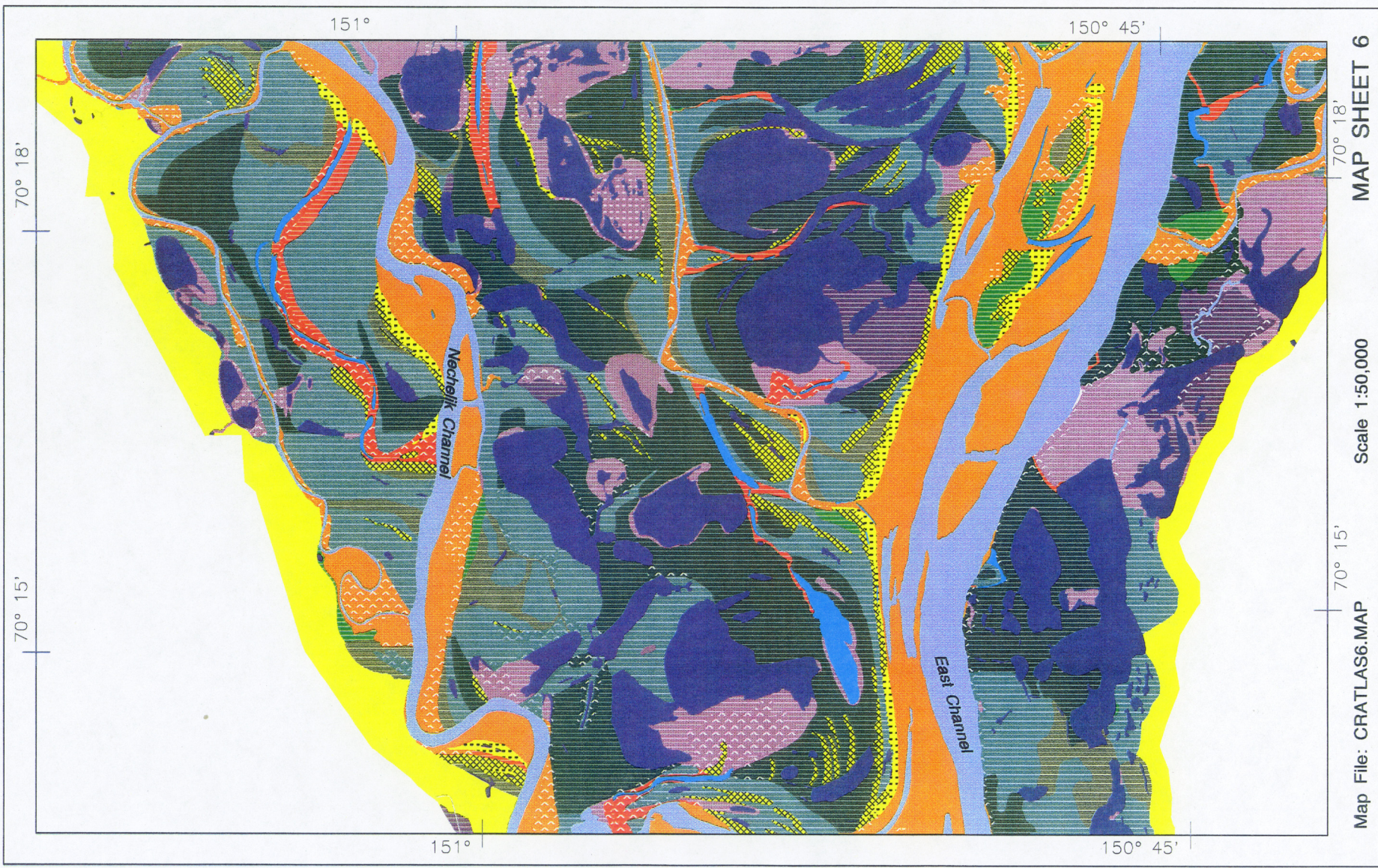


MAP SHEET 4

Scale 1:50,000

Map File: CRATLAS4.MAP



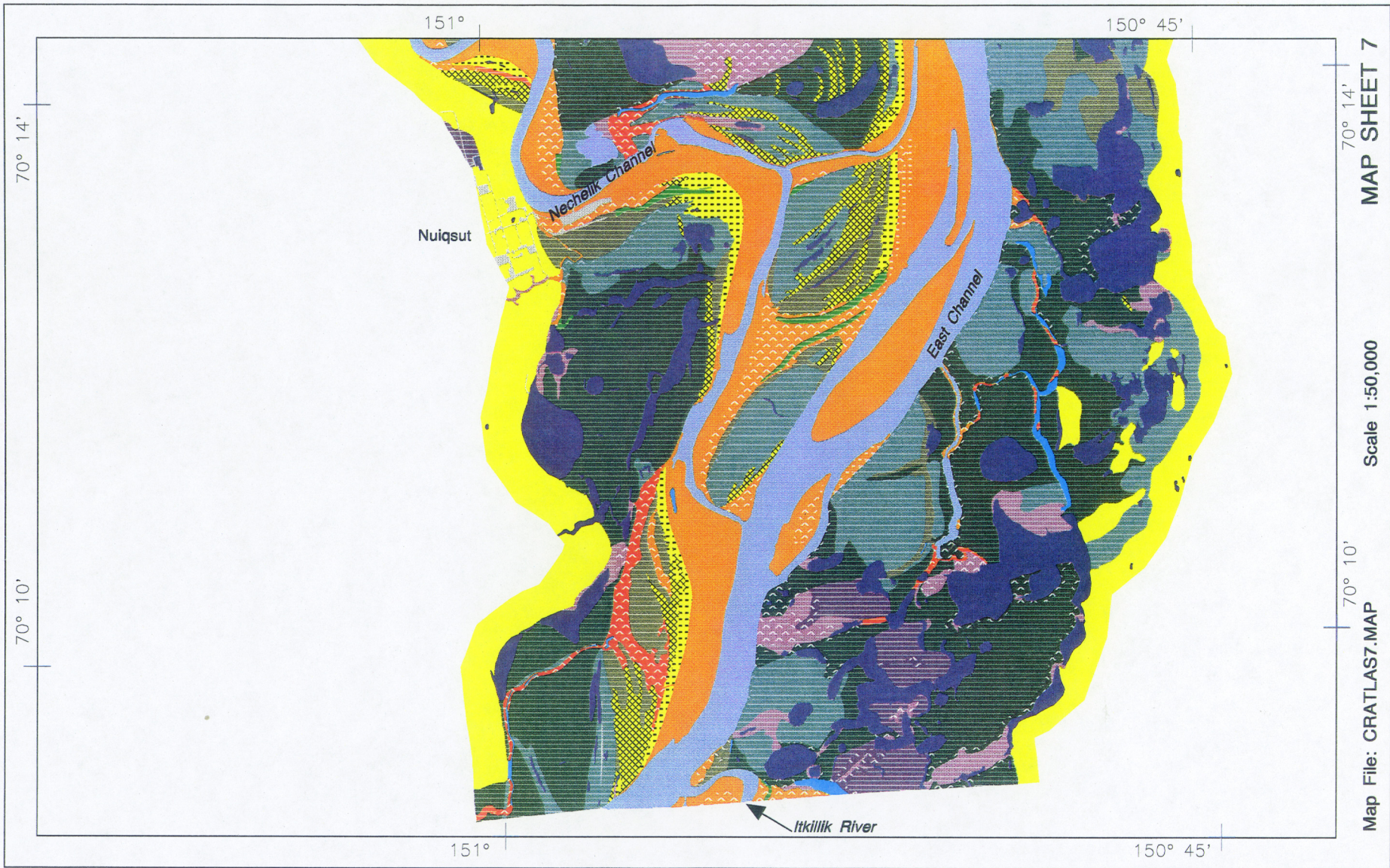


Map File: CRATLAS6.MAP

Scale 1:50,000

MAP SHEET 6

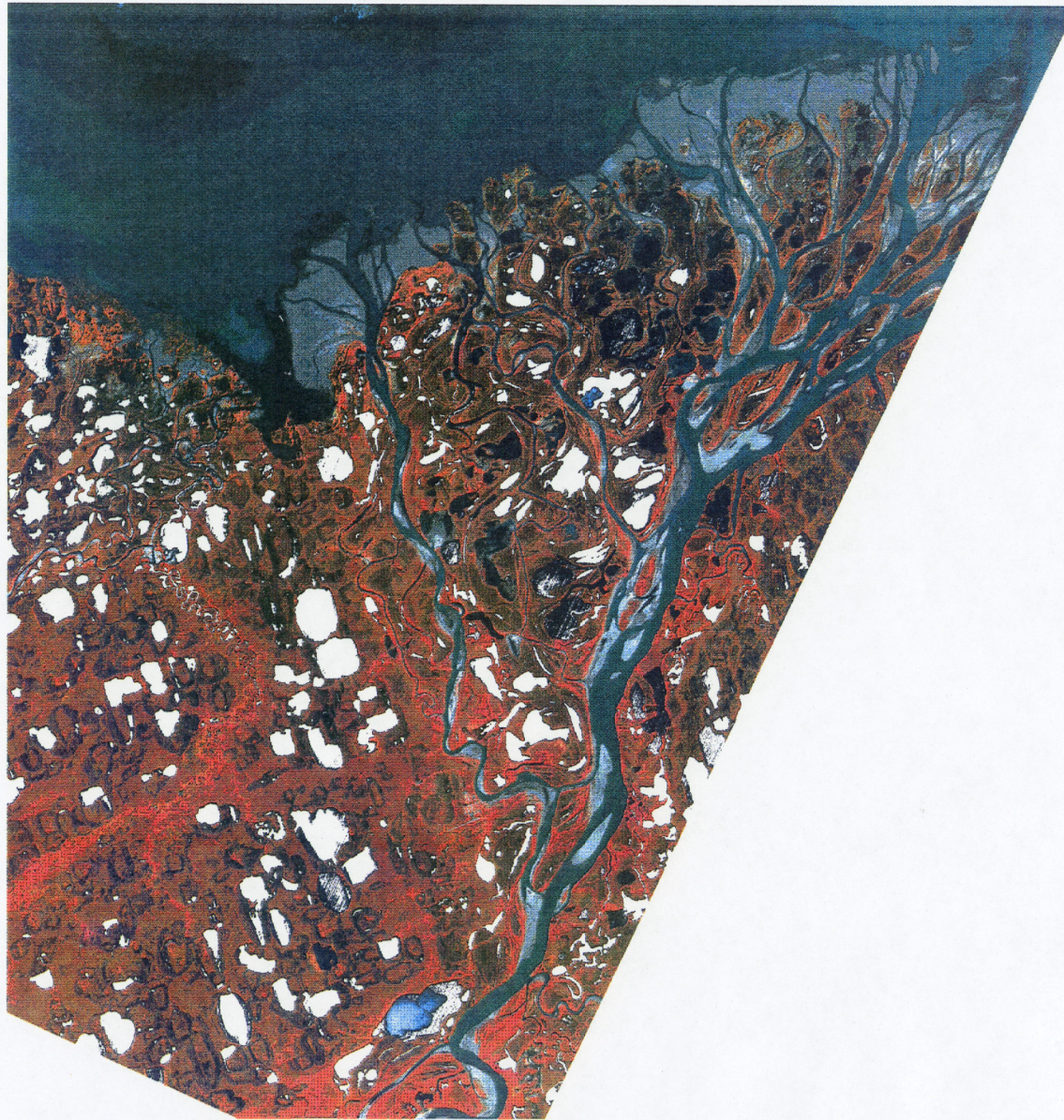




MAP SHEET 7

Scale 1:50,000

Map File: CRATLAS7.MAP



SPOT<sup>™</sup> Image of Colville River Delta

Image Date: 1 July 1990  
Number of Columns: 4039  
Number of Rows: 3949  
Pixel Size: 20 m  
Upper Left Lat/Lon: W 152° 24' 30"; N 70° 46' 13"  
Lower Right Lat/Lon: W 150° 18' 30"; N 70° 02' 35"  
Projection: Universal Transverse Mercator  
UTM Zone: 5  
Datum: NAD 27

Map was geometrically corrected and geocoded by  
SPOT Image Corp.