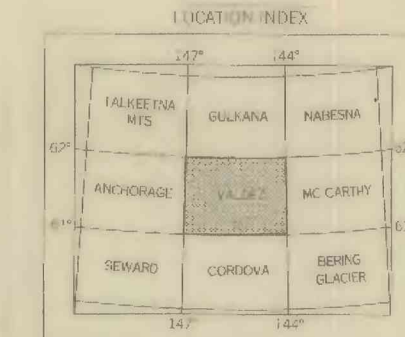
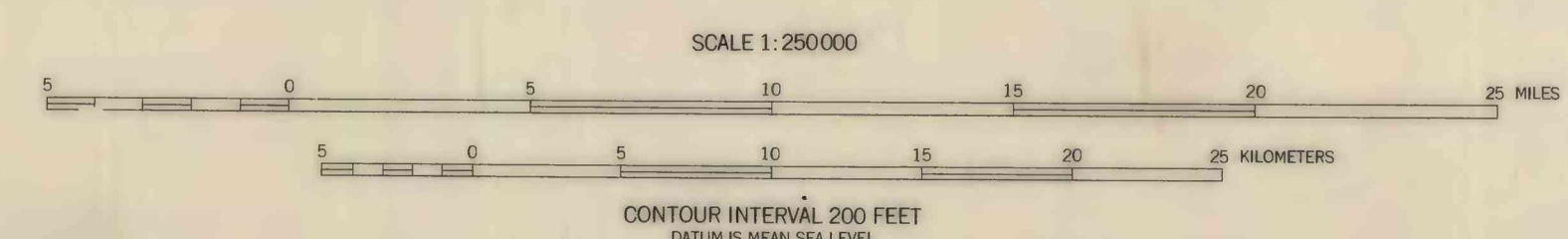
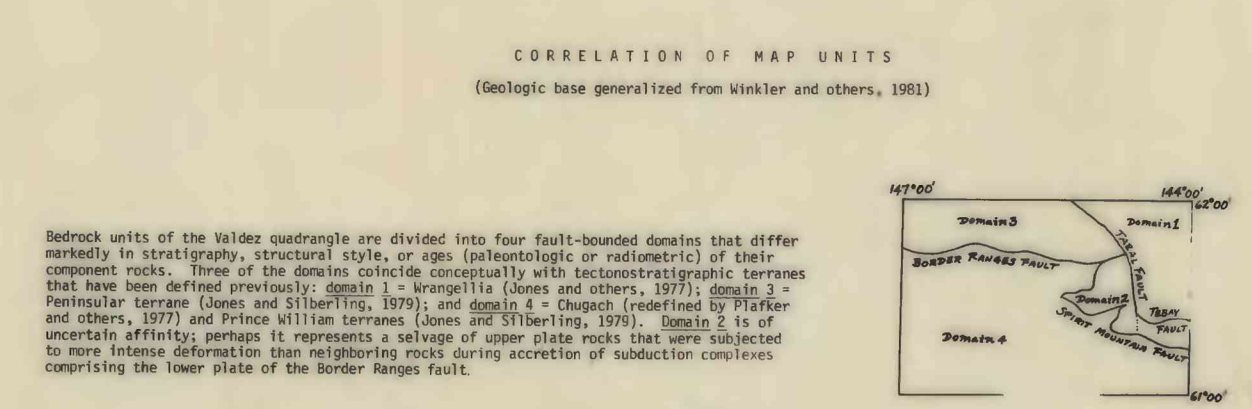


BASE FROM U.S. GEOLOGICAL SURVEY, 1960



Geology generalized from Winkler, G.R., Miller, R.J., Grantz, Arthur, MacKevett, E.M., Jr., Silberman, M.L., Plafker, George, and Case, J.E., 1980



DESCRIPTION OF MAP UNITS

UNIT	DESCRIPTION
1	Surface deposits, unsorted
2	Hydromorphic rocks - Pleistocene to Holocene
3	Winnell Linn (Oolite to Missoua)
4	Devonian rocks - Granite and gneissite
5	Early Creek formation (Lower Ordovician)
6	Chert Valley formation (Upper Jurassic)
7	Winnell Linn (Oolite to Missoua)
8	Altered tephrite
9	Metamorphic rocks, unsorted - In situ, includes: Liberty Creek, Bernard Creek, and Fox Creek terranes
10	Valley Creek terrane
11	Barrow and Looe terrane
12	Unsorted rocks
13	Winnell Linn (Oolite to Missoua)
14	Winnell Linn (Oolite to Missoua)
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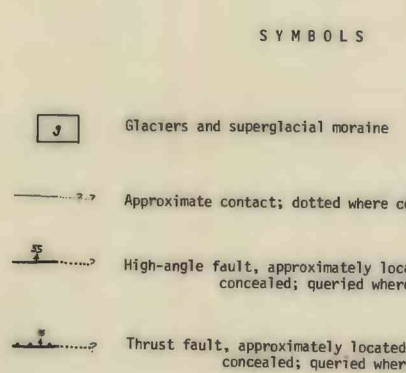


TABLE OF IMAGERY USED IN ANALYSES

Photo-optimally enhanced scenes used are 1692-20152, taken June 15, 1974, and 2168-20223, taken July 9, 1975. Imagery is available from EOS Data Center, Sioux Falls, SD 57198 (specify PNO number when ordering). Example of imagery is shown in Figure 2.

IMAGE TYPE	COMPUTER-ENHANCED	BANDS AND COLORS USED	PROJECTION	PNO NUMBER	SCENE ID NUMBER	TRANSPARENCY SCALE	PRINT SCALE
U.S.D.A. Alaska mosaic	No	7 Black and white	Albers' equal area	1692-20152	1692-20152	N/A	1:1,000,000
False-color (PDE) - east	No	4 Blue 5 Green 7 Red	Space Cylindrical	E-1169-99CT	1692-20152	1:1,000,000	1:250,000
False-color (PDE) - west	No	4 Blue 5 Green 7 Red	Space Cylindrical	E-1170-99CT	2168-20223	1:1,000,000	1:250,000

PDE = photo-optimally enhanced

EXPLANATION OF IMAGERY INTERPRETATION

- Lineament
- Circular or arcuate feature

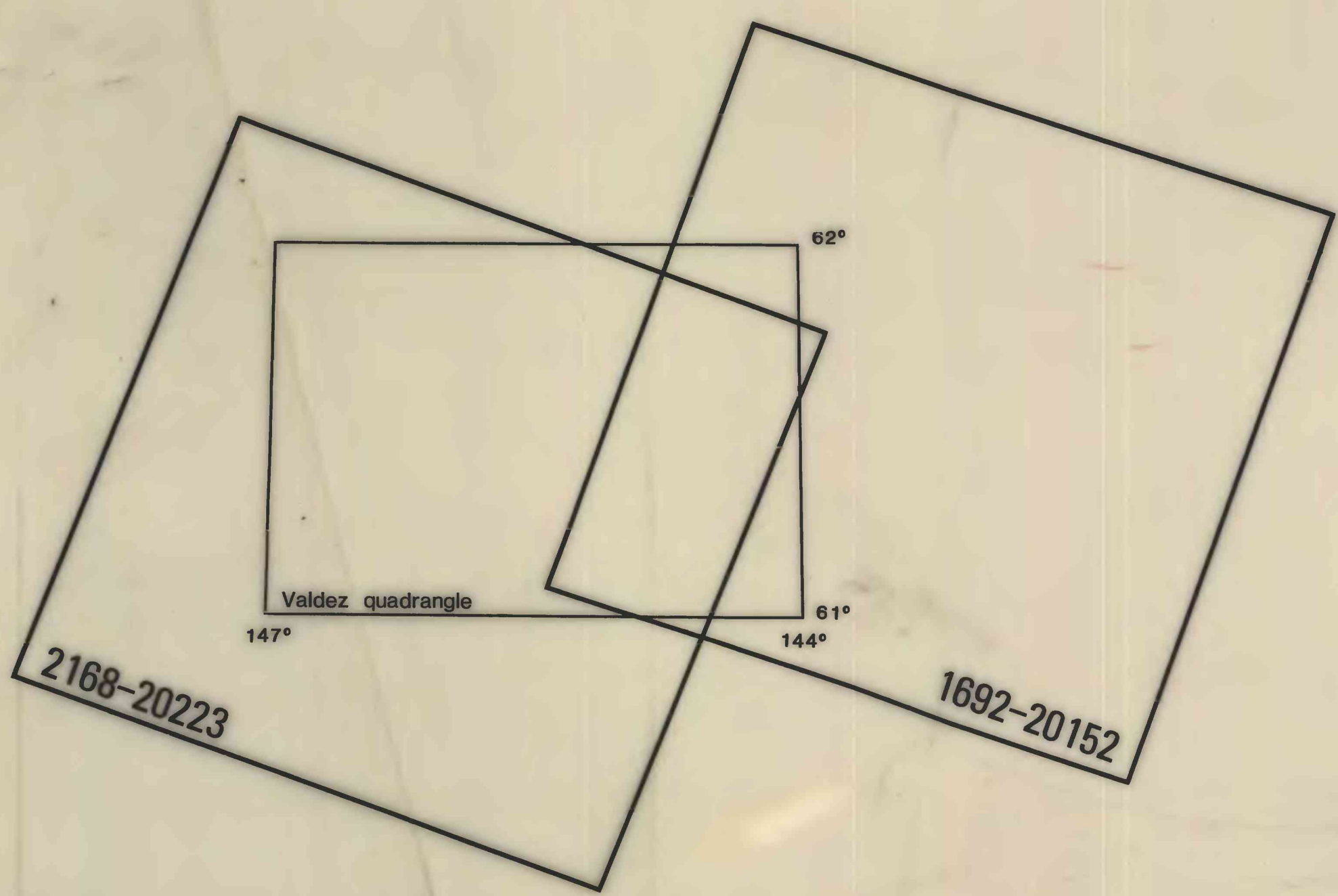


Figure 1. Map showing location of Landsat imagery used in analyses of the Valdez quadrangle.

MAP SHOWING INTERPRETATION OF LANDSAT IMAGERY OF THE VALDEZ 1° X 3° QUADRANGLE, SOUTHERN ALASKA

by James R. Le Compte

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards

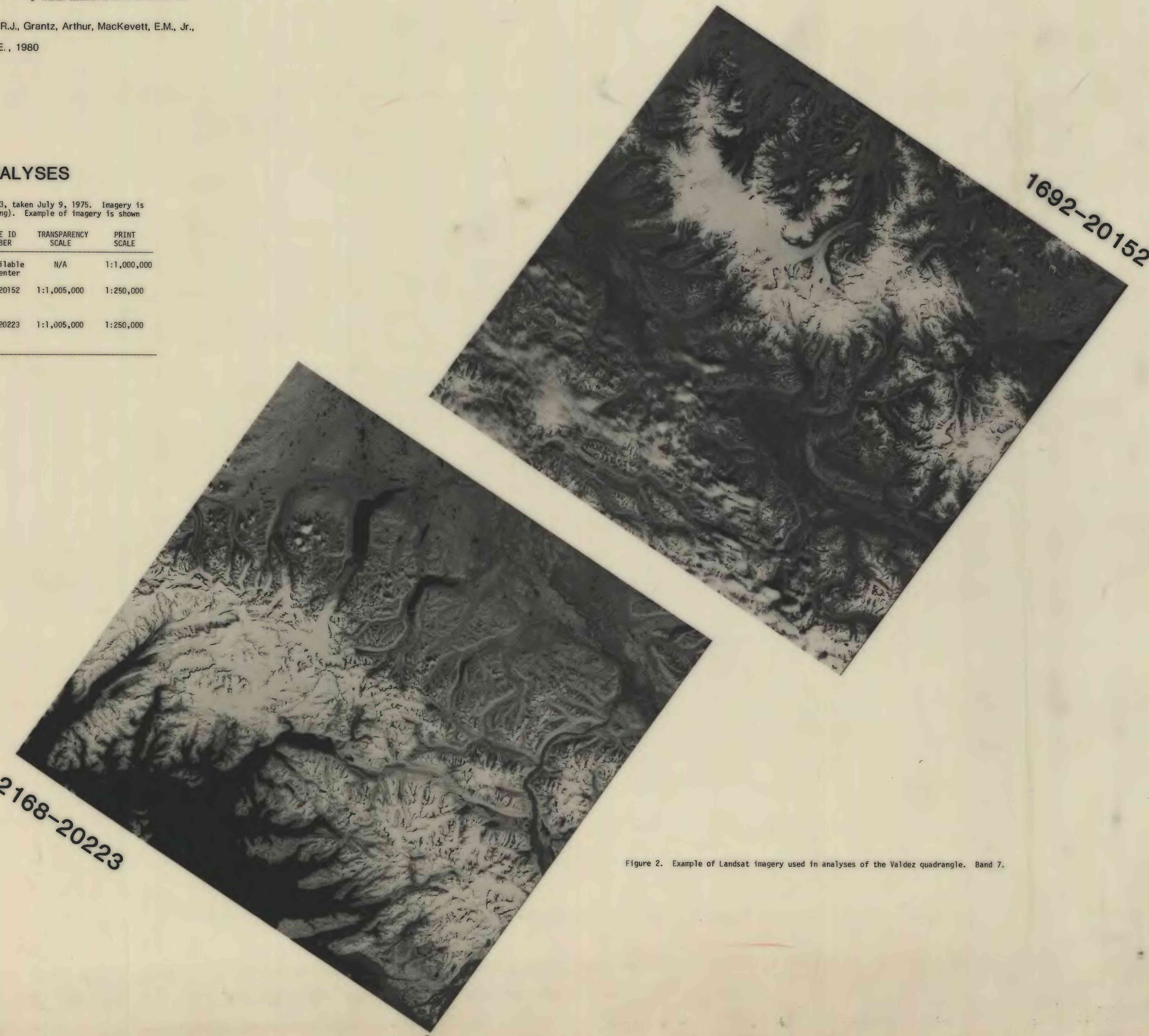


Figure 2. Example of Landsat imagery used in analyses of the Valdez quadrangle. Band 7.