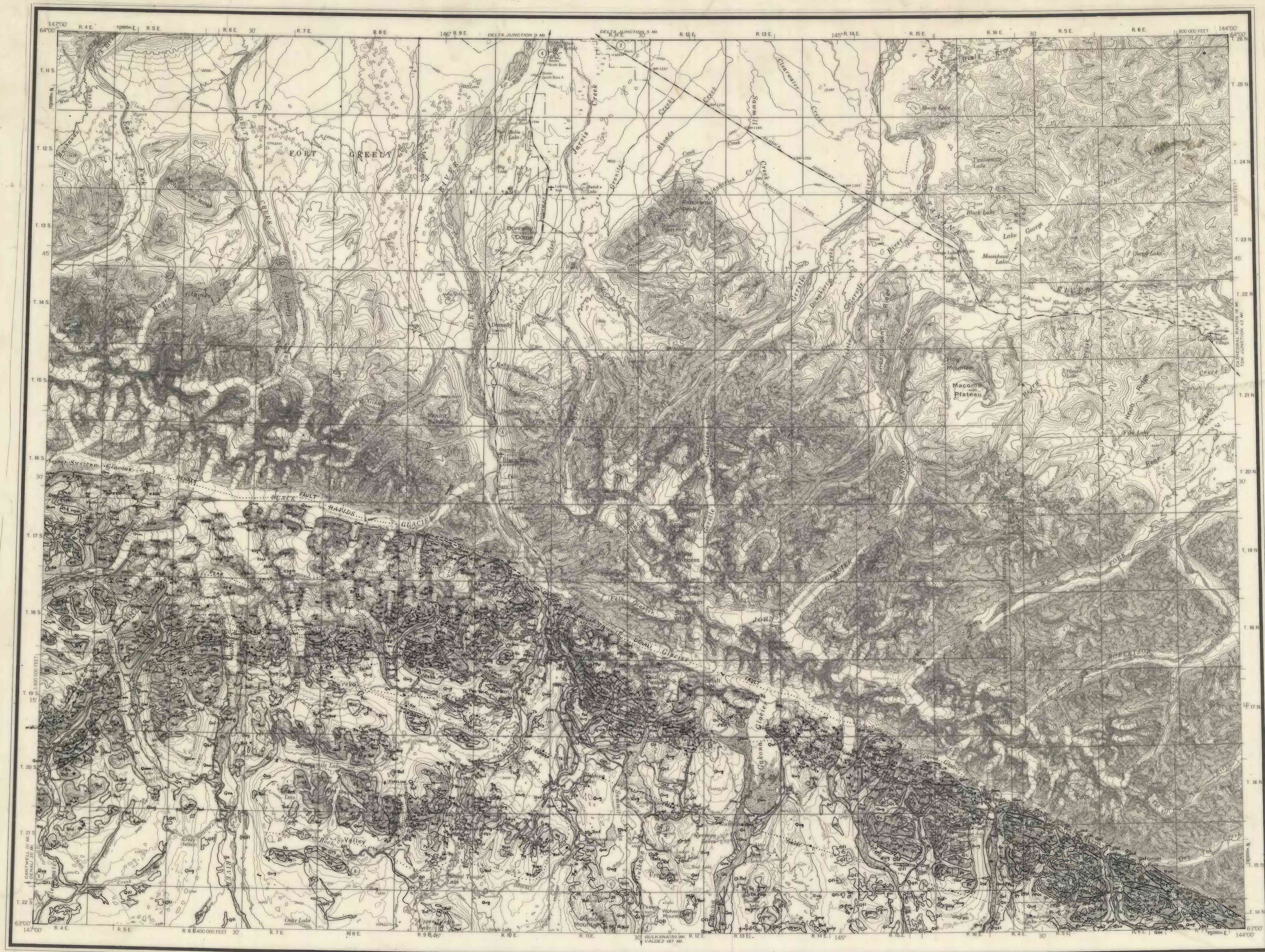
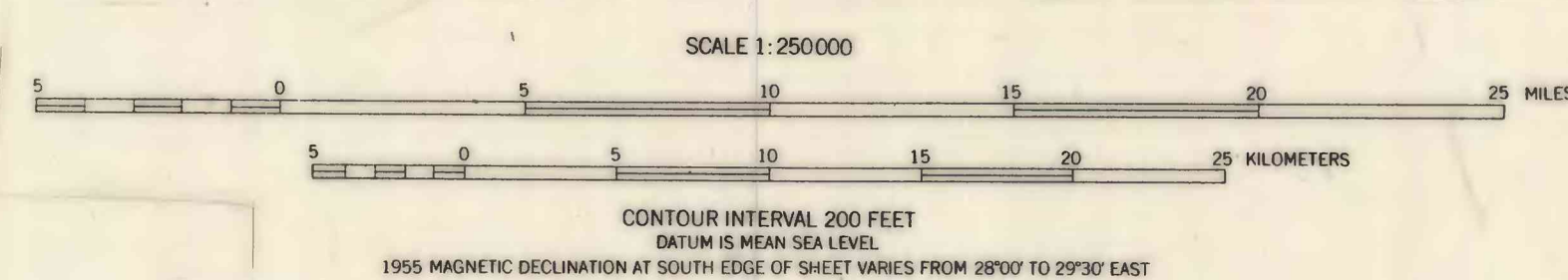
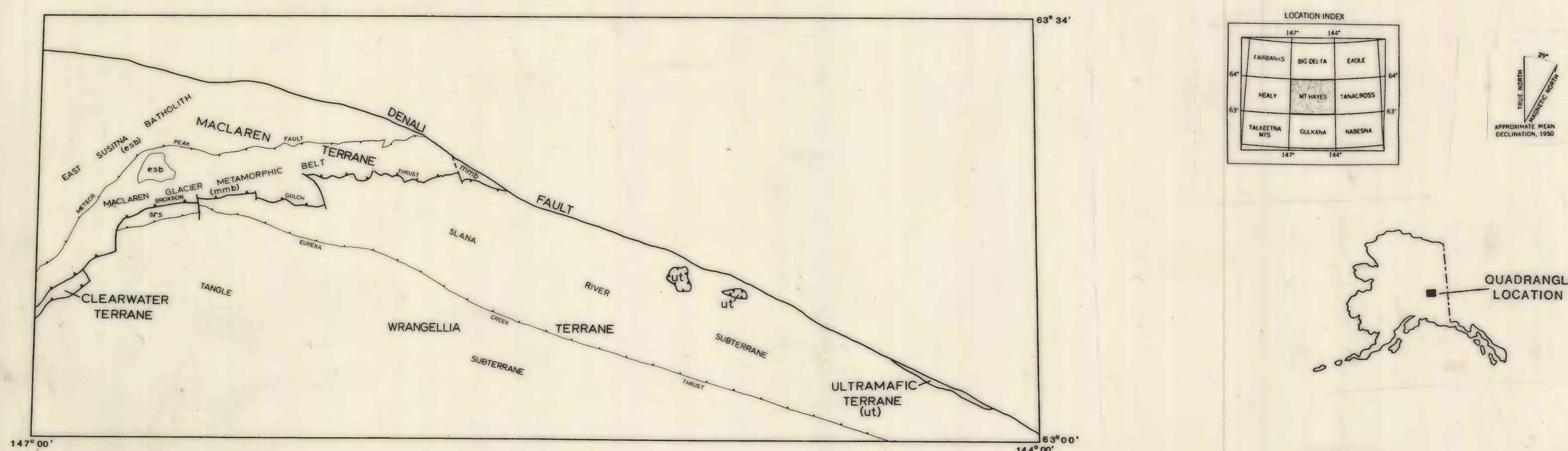




Base from USGS 1:250,000 topo series
Mount Hayes (1955)



ROAD CLASSIFICATION
MEDIUM DUTY
UNIMPROVED DIRT
STATE ROUTE
MT. HAYES, ALASKA
143300-143400/50N180
1955



GENERALIZED MAP SHOWING TECTONO-STRATIGRAPHIC TERRANES
IN SOUTHERN PART OF MOUNT HAYES QUADRANGLE, ALASKA

GEOLOGIC MAP OF THE SOUTHERN PART OF THE

MOUNT HAYES QUADRANGLE, ALASKA

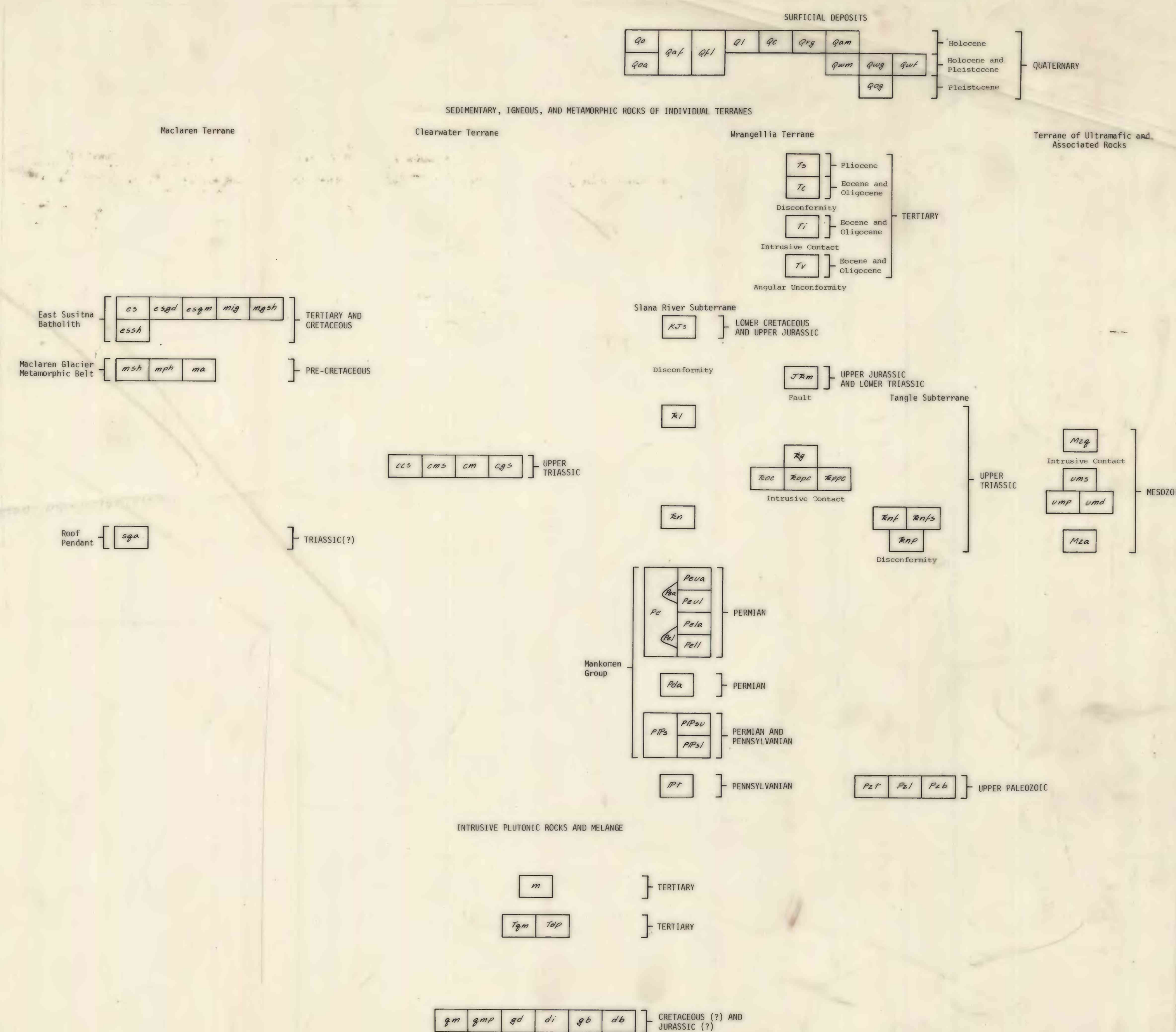
By

Warren J. Nokieberg, Nairn R.D. Albert, Gerard C. Bond, Paige L. Herzon, Ronny T. Miyasaka,

Willis H. Nelson, Donald H. Richter, Thomas E. Smith, James H. Stout, Warren Yeend, and Richard E. Zehner

This report (map) is preliminary and has not been
reviewed for conformity with U.S. Geological Survey
editorial standards (and stratigraphic nomenclature)

CORRELATION OF MAP UNITS



DEFINITION OF MAP UNITS

SURFICIAL DEPOSITS		SLACK RIVER SUBTERRANE	
Qa	Alluvium on active flood plains and lower terraces of major streams, and larger alluvial fans	A-1	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Qb	Alluvial fans and cones, chiefly gravel and sand	A-2	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Qc	Alluvium in high terraces along major streams	A-3	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Qd	FLUVIDIAL DEPOSITS	A-4	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Qe	Colluvial deposits	A-5	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Qf	Unconsolidated colluvium and other deposits in valley walls and hill slopes	A-6	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Qg	ROCK GLACIER DEPOSITS	A-7	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Qh	GLACIAL DEPOSITS	A-8	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Qia	End and lateral moraines of the Alaskan Glaciation	A-9	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Qib	Drift of Wisconsin Glaciation	A-10	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Qic	Glaciofluvial deposits of Wisconsin Glaciation	A-11	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Qid	End and lateral moraines of Wisconsin Glaciation	A-12	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Qie	Drift of older glaciations	A-13	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MACLAREN TERRANE		A-14	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Ma	SHALE AND ARGILLITE	A-15	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Mb	SLATE AND ARGILLITE	A-16	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Mc	ARGILLITE	A-17	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Md	ARGILLITE	A-18	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Me	ARGILLITE	A-19	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Mf	ARGILLITE	A-20	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Mg	ARGILLITE	A-21	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Mh	ARGILLITE	A-22	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Mi	ARGILLITE	A-23	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Mj	ARGILLITE	A-24	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
Mk	ARGILLITE	A-25	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
ML	ARGILLITE	A-26	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MM	ARGILLITE	A-27	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MN	ARGILLITE	A-28	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MO	ARGILLITE	A-29	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MP	ARGILLITE	A-30	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MQ	ARGILLITE	A-31	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MR	ARGILLITE	A-32	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MS	ARGILLITE	A-33	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MT	ARGILLITE	A-34	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MU	ARGILLITE	A-35	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MV	ARGILLITE	A-36	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MW	ARGILLITE	A-37	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MX	ARGILLITE	A-38	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MY	ARGILLITE	A-39	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MZ	ARGILLITE	A-40	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MA	ARGILLITE	A-41	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MB	ARGILLITE	A-42	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MC	ARGILLITE	A-43	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MD	ARGILLITE	A-44	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
ME	ARGILLITE	A-45	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MF	ARGILLITE	A-46	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MG	ARGILLITE	A-47	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MH	ARGILLITE	A-48	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MI	ARGILLITE	A-49	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MJ	ARGILLITE	A-50	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
ML	ARGILLITE	A-51	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MM	ARGILLITE	A-52	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MN	ARGILLITE	A-53	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MO	ARGILLITE	A-54	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MP	ARGILLITE	A-55	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MQ	ARGILLITE	A-56	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MR	ARGILLITE	A-57	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MS	ARGILLITE	A-58	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
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MU	ARGILLITE	A-60	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
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MZ	ARGILLITE	A-65	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
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MB	ARGILLITE	A-67	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MC	ARGILLITE	A-68	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MD	ARGILLITE	A-69	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
ME	ARGILLITE	A-70	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MF	ARGILLITE	A-71	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MG	ARGILLITE	A-72	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MH	ARGILLITE	A-73	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MI	ARGILLITE	A-74	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MJ	ARGILLITE	A-75	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
ML	ARGILLITE	A-76	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MM	ARGILLITE	A-77	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MN	ARGILLITE	A-78	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MO	ARGILLITE	A-79	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MP	ARGILLITE	A-80	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MQ	ARGILLITE	A-81	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MR	ARGILLITE	A-82	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MS	ARGILLITE	A-83	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MT	ARGILLITE	A-84	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MU	ARGILLITE	A-85	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MV	ARGILLITE	A-86	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MW	ARGILLITE	A-87	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MX	ARGILLITE	A-88	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
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MZ	ARGILLITE	A-90	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
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MB	ARGILLITE	A-92	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MC	ARGILLITE	A-93	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
MD	ARGILLITE	A-94	SHOULDER OF DENALI FAULT AND NORTH OF DENALI CREEK FAULT
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