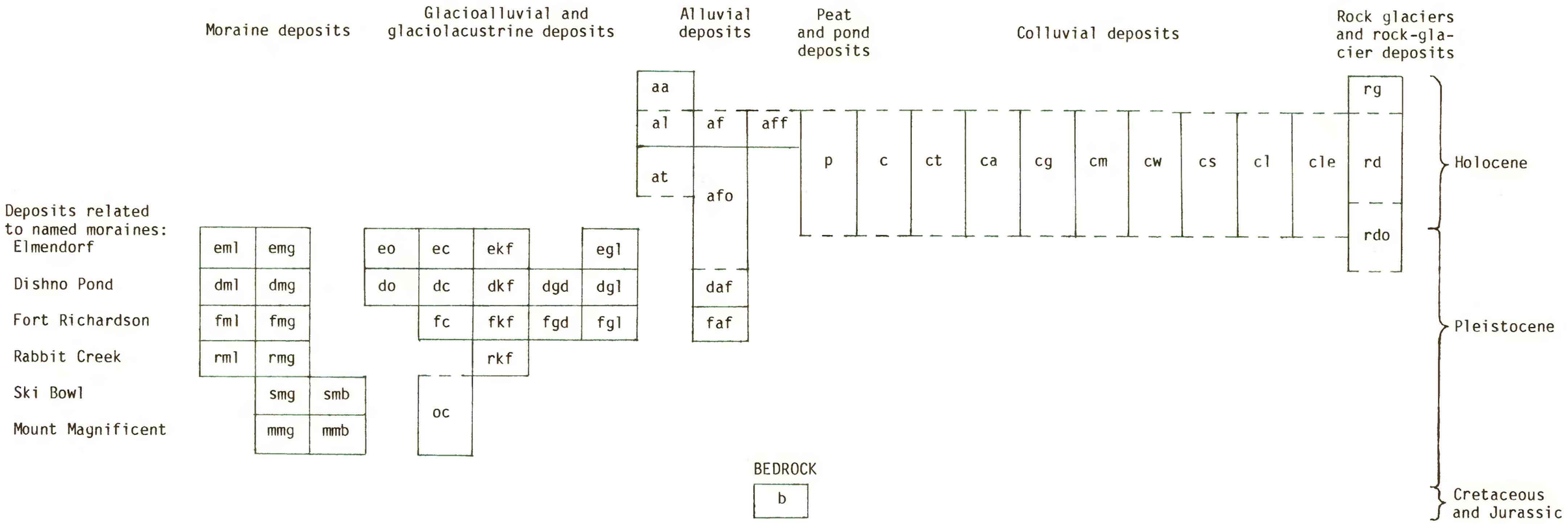
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

OPEN-FILE REPORT 88-381
PLATE 1B
ANCHORAGE B-7 SE QUADRANGLE, ALASKA

CORRELATION OF MAP UNITS

SURFICIAL DEPOSITS



EXPLANATION

[Description of map units is given in text]

MORAINE DEPOSITS

Lateral-moraine deposits of the:

- eml — Elmendorf Moraine (late Pleistocene)
- dml — Dishno Pond moraines (Pleistocene)
- fml — Fort Richardson moraines (Pleistocene)
- rml — Rabbit Creek moraines (Pleistocene)

Ground-moraine deposits of the:

- emg — Elmendorf Moraine (late Pleistocene)
- dmg — Dishno Pond moraines (Pleistocene)
- fmg — Fort Richardson moraines (Pleistocene)
- rmg — Rabbit Creek moraines (Pleistocene)
- smg — Ski Bowl moraines (Pleistocene)
- mmg — Mount Magnificent ground moraine (Pleistocene)

Ground moraine that may thinly cover bedrock:

- smb — Ski Bowl moraines (Pleistocene)
- mmb — Mount Magnificent moraine (Pleistocene)

GLACIOALLUVIAL AND GLACIOLACUSTRINE DEPOSITS

Outwash-plain and outwash-terrace deposits of the:

- eo — Elmendorf Moraine (late Pleistocene)
- do — Dishno Pond moraines (Pleistocene)

Meltwater-channel deposits of the:

- ec — Elmendorf Moraine (late Pleistocene)
- dc — Dishno Pond moraines (Pleistocene)
- fc — Fort Richardson moraines (Pleistocene)
- oc — Older moraines, undivided

Kame-fan deposits related to the:

- ekf — Elmendorf Moraine (late Pleistocene)
- dkf — Dishno Pond moraines (Pleistocene)
- fkf — Fort Richardson moraines (Pleistocene)
- rkf — Rabbit Creek moraines (Pleistocene)

Glacial-lake delta deposits (Pleistocene) related to the:

- dgd — Dishno Pond moraines
- fgd — Fort Richardson moraines

Glacial-lake deposits related to the:

- egl — Elmendorf Moraine (late Pleistocene)
- dgl — Dishno Pond moraines
- fgl — Fort Richardson moraines (Pleistocene)

ALLUVIAL DEPOSITS

- aa — Alluvium in active flood plain of Eagle River (latest Holocene)
- al — Alluvial deposits along other modern streams and in lowest terraces (Holocene)
- at — Alluvial deposits in terraces (Holocene)

Alluvial-fan deposits

- af — Coarse-grained deposits (Holocene)
- aff — Fine-grained deposits (Holocene)
- afo — Older alluvial-fan deposits (Holoccene and Pleistocene)
- daf — Deposits related to the Dishno Pond moraines (Pleistocene)
- faf — Deposits related to the Fort Richardson moraines (Pleistocene)

- p — PEAT AND POND DEPOSITS (HOLOCENE AND PLEISTOCENE)

COLLUVIAL DEPOSITS (HOLOCENE AND PLEISTOCENE)

- c — Colluvial deposits on mountain slopes, undivided
- ct — Talus deposits
- ca — Colluvial and alluvial deposits, undivided
- cg — Mixed colluvial and glacial deposits
- cm — Colluvial deposits derived from moraines or other glacial deposits
- cw — Colluvial deposits on walls of stream bluffs
- cs — Solifluction deposits
- cl — Landslide deposits, undivided
- cle — Landslide deposits resulting from earthflows

ROCK GLACIERS AND ROCK-GLACIER DEPOSITS

- rg — Rock glaciers (latest Holocene)
- rd — Younger rock-glacier deposits (late Holocene)
- rdo — Older rock-glacier deposits (Holocene and Pleistocene)

- b — BEDROCK, UNDIVIDED (CRETACEOUS AND JURASSIC)

OTHER SYMBOLS

——— **Contact**--Approximate, inferred, or indefinite

++++++ **Sackung trench**--Approximate alignment; only principal trenches shown

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