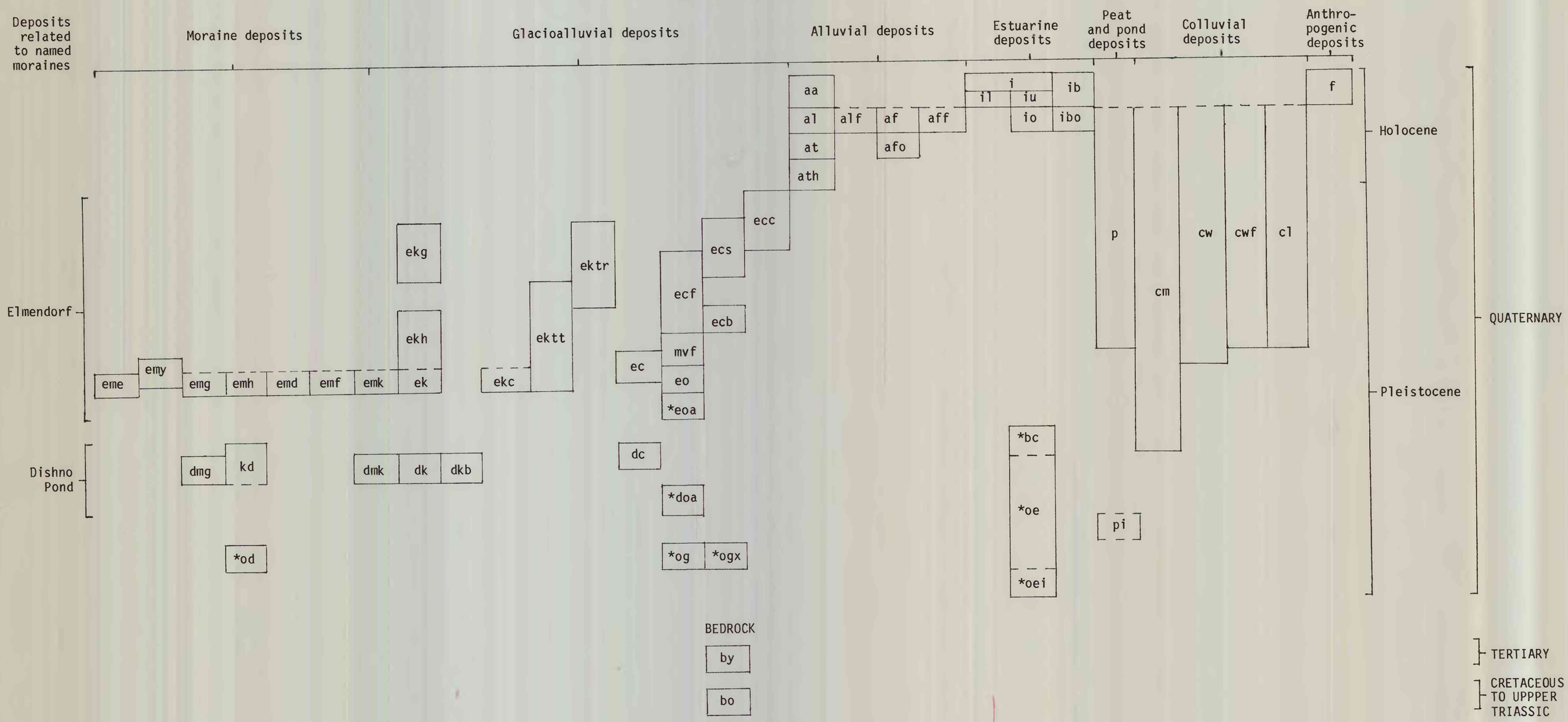
DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

OPEN-FILE REPORT 90-238
PLATE 1B
ANCHORAGE B-8 SE AND PART OF THE ANCHORAGE B-8 NE QUADRANGLES, ALASKA

CORRELATION OF MAP UNITS

SURFICIAL DEPOSITS



EXPLANATION

[Description of map units is given in text]

MORAINE DEPOSITS

End-moraine deposits (late Pleistocene)

- eme — Deposits of the Elmendorf Moraine
- emy — Deposits of a younger phase of the Elmendorf Moraine

Ground-moraine deposits (late Pleistocene)

- emg — Deposits of the Elmendorf Moraine, undivided
- emh — Deposits of the Elmendorf Moraine with high relief
- emd — Deposits of the Elmendorf Moraine in well-developed drumlin forms
- emf — Deposits of the Elmendorf Moraine in fluted terrain
- emk — Deposits of the Elmendorf Moraine that include some kame deposits
- dmg — Deposits of the Dishno Pond moraines
- dmk — Deposits of the Dishno Pond moraines that include some kame deposits
- kd — Knik diamicton (Pleistocene)
- *od — Older diamicton deposits (Pleistocene)

GLACIOALLUVIAL DEPOSITS

Kame deposits (late Pleistocene)

- ekg — Kame deposits of the Elmendorf Moraine near Gwenn Lake
- ekh — Kame deposits of the Elmendorf Moraine that exhibit high relief
- ek — Other kame deposits of the Elmendorf Moraine
- ekc — Kame-channel deposits of the Elmendorf Moraine
- ektt — Kame-terrace deposits of the Elmendorf Moraine near Tuomi Lake
- ektr — Kame-terrace deposits of the Elmendorf Moraine near Roosevelt Road
- dk — Kame deposits of the Dishno Pond moraines, undivided
- dkb — Kame deposits of the Dishno Pond moraines that may thinly mantle bedrock

Meltwater-channel and meltwater-fan deposits of the Elmendorf Moraine (late Pleistocene)

- ec — Channel deposits
- ecf — Fossil Creek glacioalluvial deposits
- mvf — Mountain View glacioalluvial fan deposits
- eo — Outwash-fan deposits
- ecs — Sixmile Lake alluvial deposits
- ecb — Bluff Road alluvial deposits
- ecc — Clunie Creek glacioalluvial deposits
- *eoa — Advance outwash underlying ground-moraine deposits

Meltwater-channel and meltwater-fan deposits of the Dishno Pond moraines (late Pleistocene)

- dc — Channel deposits
- *doa — Advance outwash deposits
- *og — Older glacioalluvial deposits (Pleistocene)
- *ogx — Older glacioalluvial deposits, oxidized

ALLUVIAL DEPOSITS

- aa — Alluvium in active floodplain of the Eagle River (latest Holocene)
- al — Alluvial deposits along modern streams and in lowest terraces (Holocene)
- alf — Fine-grained deposits along some minor streams
- at — Alluvial deposits in terraces, undivided (Holocene)
- ath — Deposits in higher terraces

*Map unit appears only on figure 3.

Alluvial-fan deposits (Holocene)

- af — Coarse-grained deposits
- aff — Fine-grained deposits
- afo — Older alluvial-fan deposits (Holocene)

ESTUARINE DEPOSITS

- i — Modern intertidal deposits (latest Holocene)
- il — Deposits of the lower intertidal zone
- iu — Deposits of the upper intertidal zone
- io — Older intertidal deposits (Holocene)
- ib — Deposits of the modern beach (latest Holocene)
- ibo — Older beach deposits (Holocene)
- *bc — Bootlegger Cove Formation (late Pleistocene)
- *oe — Older glacioestuarine deposits (Pleistocene)
- *oei — Older glacioestuarine deposits, indurated (Pleistocene)

PEAT AND POND DEPOSITS

- p — Postglacial peat and pond deposits (Holocene and late Pleistocene)
- pi — Interglacial pond deposits (Pleistocene)

COLLUVIAL DEPOSITS (HOLOCENE AND LATE PLEISTOCENE)

- cm — Colluvial deposits derived mainly from moraines
- cw — Colluvial deposits on walls of stream and sea bluffs
- cwf — Fine-grained colluvial deposits on walls of sea bluffs
- cl — Landslide deposits, undivided

ANTHROPOGENIC DEPOSITS (LATEST HOLOCENE)

- f — Engineered fill

BEDROCK

- by — Younger rocks (Tertiary)
- bo — Older rocks (Cretaceous to Upper Triassic)

OTHER SYMBOLS

- ——— **Contact**--Well located, approximate, inferred, or indefinite
- ᵀᵀᵀᵀᵀᵀ **Escarpment**--Indicates selected relatively prominent differences in level between adjacent channel deposits; ticks on side of lower channel
- ‹›‹›‹› **Esker**--Direction of transport unknown; only selected features shown
- S **Stratigraphic units exposed in sea bluffs**--Shown on figure 3
- 1 **Locality number**--Site of measured section or other detailed observation of stratigraphic units
- ① **Radiocarbon locality**--Site of radiocarbon-dated stratigraphic section listed on table 1
- **Anthropogenically disturbed area**--Extraction or construction site of undifferentiated cut and fill, shown mainly at gravel pits

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