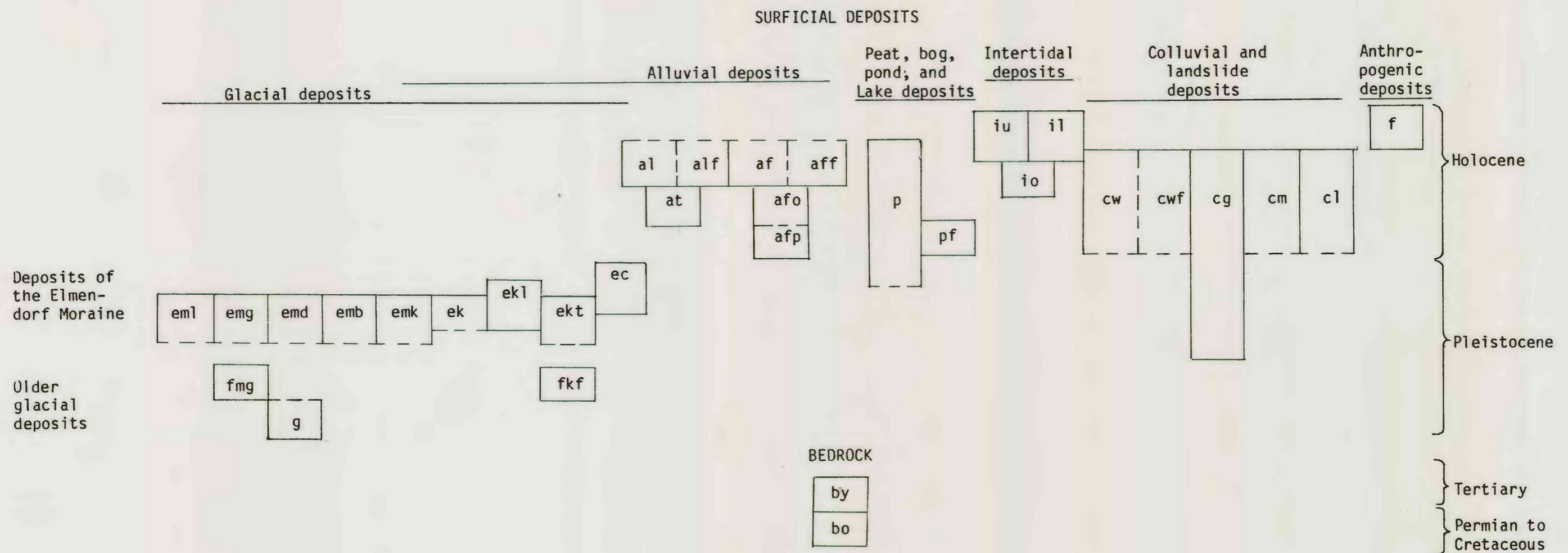


CORRELATION OF MAP UNITS



EXPLANATION

[Description of map units is given in text]

GLACIAL DEPOSITS OF THE ELMENDORF MORaine (LATE PLEISTOCENE)

- eml In lateral moraines
- emg In ground moraine
- emd In ground moraine with well developed drumlin form
- emb In ground moraine that may thinly cover bedrock
- emk In ground moraine that includes some kame deposits
- ek In kames, locally including eskers
- ekl In kames of generally low relief
- ekt In kame terraces
- ec In meltwater channels

OLDER GLACIAL DEPOSITS (PLEISTOCENE)

- fmg In ground moraine of the Fort Richardson moraines
- fkf In kame fans related to the Fort Richardson moraines
- g In stratigraphic exposures not readily related to surface moraines

ALLUVIAL DEPOSITS (HOLOCENE)

- al Along modern streams and in lowest terraces
- alf Along some minor streams, fine grained
- at In terraces
- af In alluvial fans
- aff In alluvial fan, fine grained
- afo In older alluvial fan
- afp In principal alluvial fan along Peters Creek

PEAT, BOG, POND, AND LAKE DEPOSITS (HOLOCENE AND PLEISTOCENE)

- p Peat, bog, and pond deposits
- pf Lake deposits of a possible lake along Fire Creek Valley

INTERTIDAL DEPOSITS (HOLOCENE)

- il Modern lower intertidal deposits
- iu Modern upper intertidal deposits
- io Older intertidal deposits

COLLUVIAL (INCLUDING LANDSLIDE) DEPOSITS (HOLOCENE AND PLEISTOCENE)

- cw On bluff walls along Knik Arm and tributary valleys
- cwf Fine-grained colluvium on bluff walls
- cg Mixed colluvial and glacial deposits
- cm Colluvial deposits derived from moraines
- cl Landslide deposits

ANTHROPOGENIC DEPOSITS (HOLOCENE)

- f Engineered fill and areas extensively reworked by earthmoving equipment

BEDROCK

- by Younger rocks (Tertiary)
- bo Older rocks (Permian to Cretaceous)

OTHER SYMBOLS

- Contact--Approximate, inferred, or indefinite
- Road--Approximate alignment of road constructed after development of base map
- ▬ Channel--Abandoned glacial meltwater channel cut into bedrock or other geologic material and not mapped separately

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