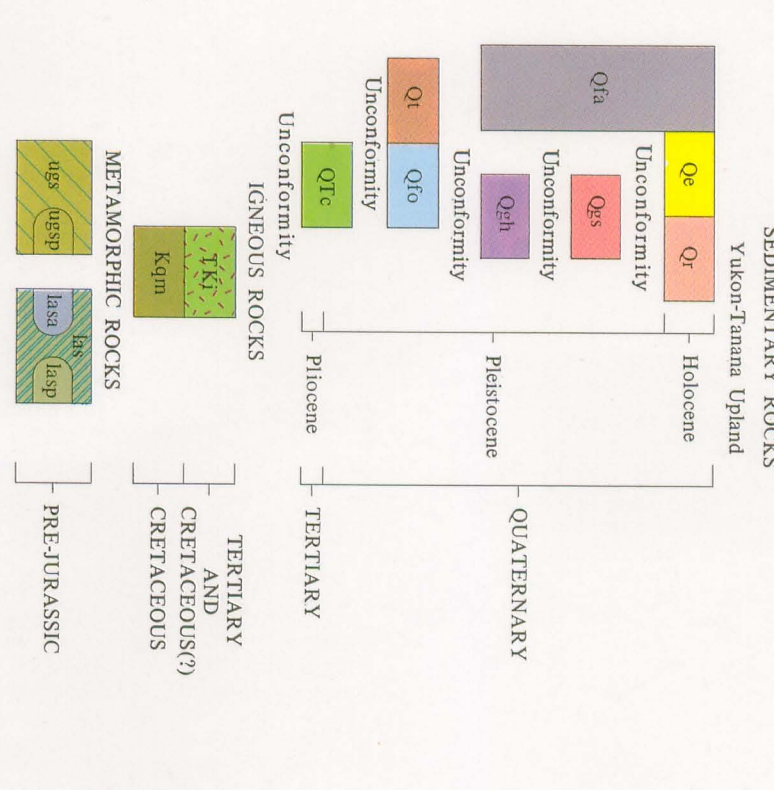


GEOLOGIC MAP OF THE FAIRBANKS D-2 NE QUADRANGLE, ALASKA

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CORRELATION OF MAP UNITS



Alphabet of faces of Quaternary age: a letter indicates to several hundred feet above the surface of the land. The letter 'a' is used for the highest deposits, and the letter 'z' for the lowest. The letters 'a' through 'z' are used for the Quaternary deposits, and the letters 'A' through 'Z' are used for the Tertiary deposits. The letters 'P' through 'T' are used for the Precambrian deposits.

SEDIMENTARY ROCKS

UNCONSOLIDATED CLAY. (Shown in cross section only). Massive homogeneous clay, grains angular, consists mostly of quartz, feldspar, and mica. Locally cemented by iron oxides, local calcareous horizons. Buff to gray. Occurs in the Fairbanks D-2 NE quadrangle. The clay is found in the Fairbanks D-2 NE quadrangle, and is found in the Fairbanks D-2 NE quadrangle.

READY BILLION FORMATION.

Massive homogeneous unconsolidated clay, cemented by iron oxides, local calcareous horizons. Buff to gray. Occurs in the Fairbanks D-2 NE quadrangle. The clay is found in the Fairbanks D-2 NE quadrangle, and is found in the Fairbanks D-2 NE quadrangle.

FAIRBANKS LOESS.

Massive homogeneous unconsolidated clay, cemented by iron oxides, local calcareous horizons. Buff to gray. Occurs in the Fairbanks D-2 NE quadrangle. The clay is found in the Fairbanks D-2 NE quadrangle, and is found in the Fairbanks D-2 NE quadrangle.

GOLD HILL LOESS.

Massive homogeneous unconsolidated clay, cemented by iron oxides, local calcareous horizons. Buff to gray. Occurs in the Fairbanks D-2 NE quadrangle. The clay is found in the Fairbanks D-2 NE quadrangle, and is found in the Fairbanks D-2 NE quadrangle.

TANANA FORMATION (Shown in cross section only) - Widestpread sub-fraction layer on hillsides and slopes consisting of angular, fractured, and

clayey material covered by stream action; only or middle Pleistocene. The Tanana Formation is found in the Fairbanks D-2 NE quadrangle, and is found in the Fairbanks D-2 NE quadrangle.

CHURCH CREEK.

As a typical formation a place where the Church Creek is found. The Church Creek is found in the Fairbanks D-2 NE quadrangle, and is found in the Fairbanks D-2 NE quadrangle.

ALTERED DKE ROCK.

Gray to blackish-brown, porphyritic, medium-grained granite rock composed mainly of quartz and feldspar. Locally weathered depths of 10 to more than 15 ft.

METAMORPHIC ROCKS

Metamorphic rocks of the upper Greenschist facies, including amphibolite, quartzite, and gneiss. The metamorphic rocks are found in the Fairbanks D-2 NE quadrangle, and are found in the Fairbanks D-2 NE quadrangle.

FAIRBANKS LOESS.

Massive homogeneous unconsolidated clay, cemented by iron oxides, local calcareous horizons. Buff to gray. Occurs in the Fairbanks D-2 NE quadrangle. The clay is found in the Fairbanks D-2 NE quadrangle, and is found in the Fairbanks D-2 NE quadrangle.

GEOLOGY OF THE FAIRBANKS D-2 NE QUADRANGLE.

The Fairbanks D-2 NE quadrangle is an area of about 60 sq. mi. It is located in the Fairbanks D-2 NE quadrangle, and is found in the Fairbanks D-2 NE quadrangle.

PHYSICAL SETTING

The Fairbanks D-2 NE quadrangle is an area of about 60 sq. mi. It is located in the Fairbanks D-2 NE quadrangle, and is found in the Fairbanks D-2 NE quadrangle.

GEOLOGIC HISTORY

The geologic history of the Fairbanks D-2 NE quadrangle is an area of about 60 sq. mi. It is located in the Fairbanks D-2 NE quadrangle, and is found in the Fairbanks D-2 NE quadrangle.

SELECTED REFERENCES

Brannan, E. H. 1938. The central Alaska earthquake of July 22, 1937. *Seismol. Soc. America Bull.*, v. 28, p. 71-75.

GENERALIZED CROSS SECTIONS

