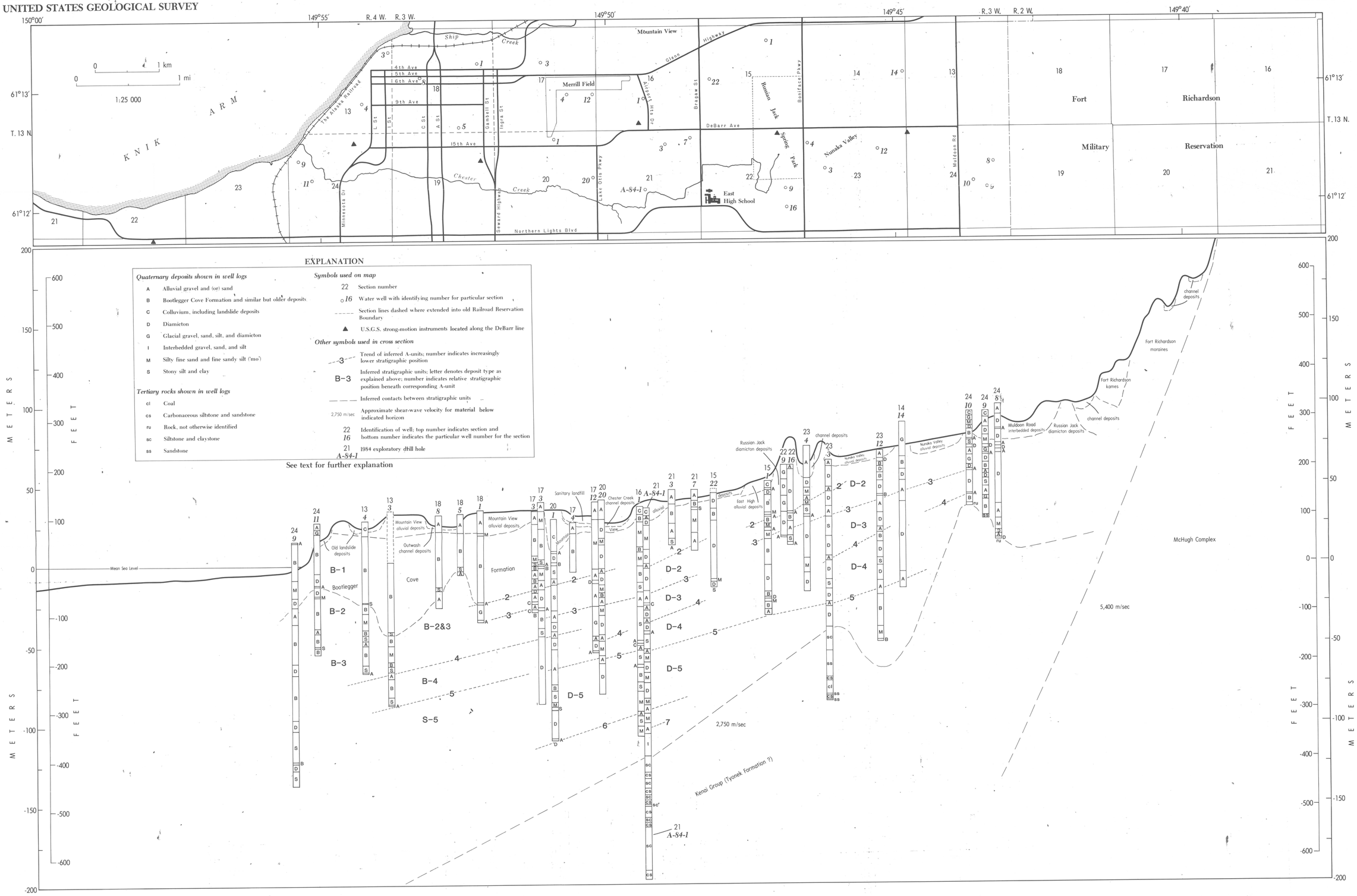
DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

OPEN-FILE REPORT 84-791
PLATE 1



EXPLANATION

Quaternary deposits shown in well logs

- A Alluvial gravel and (or) sand
- B Bootlegger Cove Formation and similar but older deposits
- C Colluvium, including landslide deposits
- D Diamicton
- G Glacial gravel, sand, silt, and diamicton
- I Interbedded gravel, sand, and silt
- M Silty fine sand and fine sandy silt ("mo")
- S Stony silt and clay

Tertiary rocks shown in well logs

- cl Coal
- cs Carbonaceous siltstone and sandstone
- ru Rock, not otherwise identified
- sc Siltstone and claystone
- ss Sandstone

Symbols used on map

- 22 Section number
- 16 Water well with identifying number for particular section
- Section lines dashed where extended into old Railroad Reservation Boundary
- ▲ U.S.G.S. strong-motion instruments located along the DeBarr line

Other symbols used in cross section

- -3- Trend of inferred A-units; number indicates increasingly lower stratigraphic position
- B-3 Inferred stratigraphic units; letter denotes deposit type as explained above; number indicates relative stratigraphic position beneath corresponding A-unit
- Inferred contacts between stratigraphic units
- 2,750 m/sec Approximate shear-wave velocity for material below indicated horizon
- 22/16 Identification of well; top number indicates section and bottom number indicates the particular well number for the section
- 21 A-84-1 1984 exploratory drill hole

See text for further explanation

EAST-WEST GEOLOGIC CROSS SECTION ALONG THE DEBARR LINE, ANCHORAGE, ALASKA

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1984

Map for sale by: U. S. Geological Survey
OFSS
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This map is preliminary and has not been reviewed for conformity with U. S. Geological Survey editorial standards and stratigraphic nomenclature.