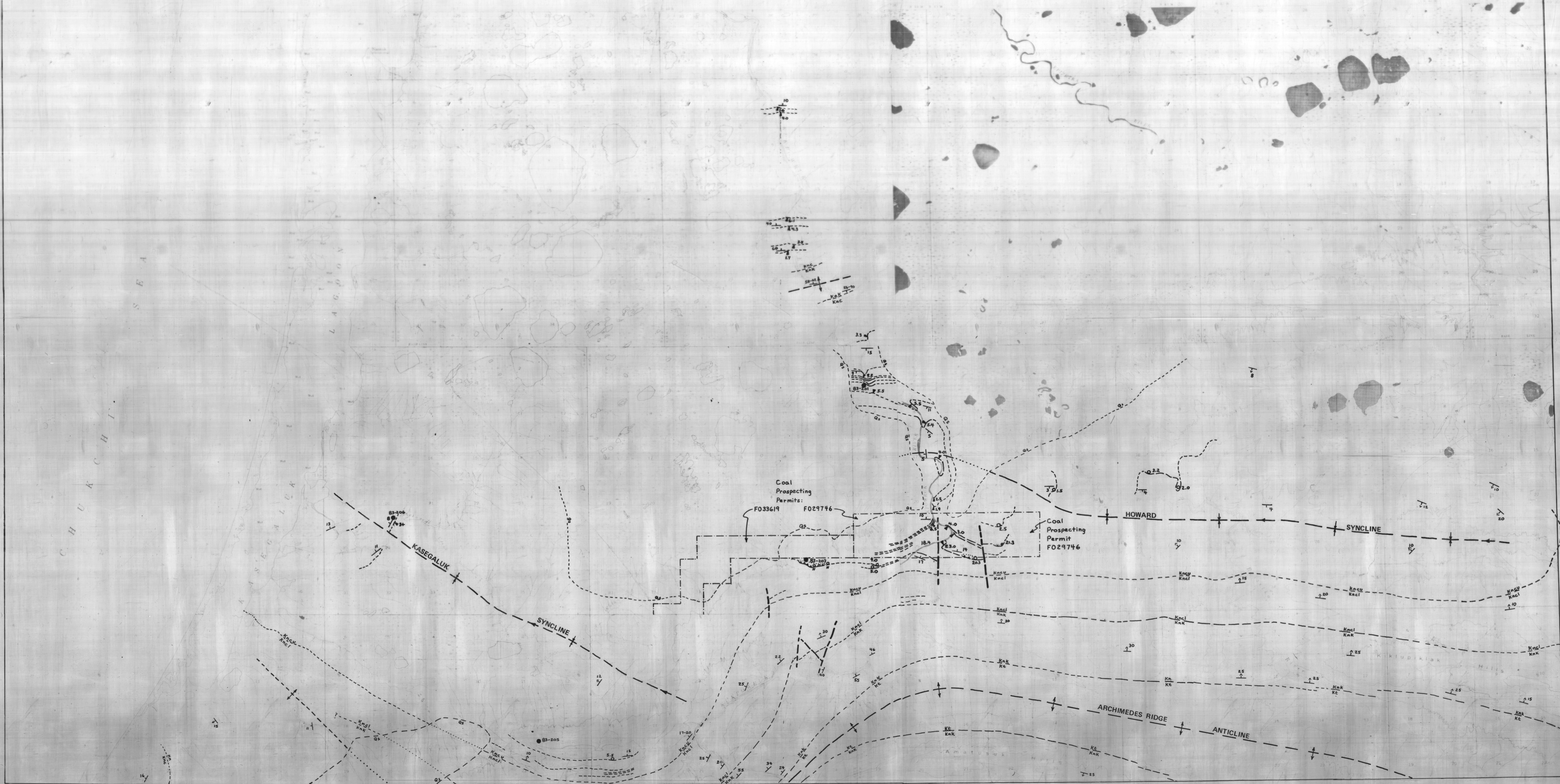
ALASKA DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

PUBLIC DATA-FILE 90-17

PLATE 3



Base from U.S. Geological Survey Point Lay A-2,

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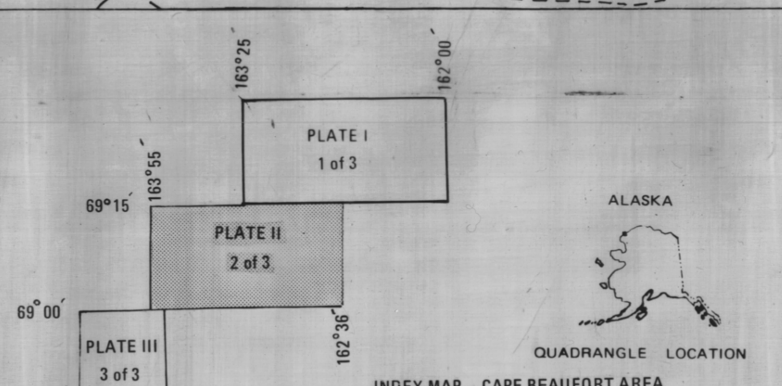


INDEX MAP – CAPE BEAUFORT AREA

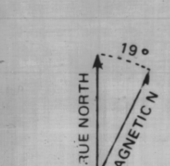
SCALE 1:63,360

1 0 1 2 3 4 MILES

1 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 50 FEET

DATUM MEAN SEA LEVEL



APPROXIMATE MEAN DECLINATION, 1955

Knk/Kt CONTACT--Long dashed where approximately located; short dashed where inferred; dotted where concealed

10.3 COALBED--Outcrop measurement in feet at triangle. Attached v's indicate baked and fused rock from burned coal

FAULT

ANTICLINE, showing direction of plunge

SYNCLINE

Minor Anticline

Minor Syncline

23 Strike and Dip; number indicates dip measured at outcrop

30 Strike and Dip; estimated from aerial photographs

5.2 Coal Auger Hole; showing coal thickness in feet

Coal Drill Hole

CORRELATION OF MAP UNITS

Qs } Holocene } QUATERNARY

Unconformity

Kncu, Kncl } Knc } Kn; Knk; Kt } CRETACEOUS

Qs SURFICIAL DEPOSITS--Stream, beach, terrace, and colluvial deposits, and swamp covered areas

Kncu CORWIN FORMATION, UPPER UNIT-- Principal coal-bearing, nonmarine rock unit

Kncl CORWIN FORMATION, LOWER UNIT--Transitional marine to nonmarine minor thin coal beds

Knc CORWIN FORMATION--Corwin rocks undifferentiated because of poor exposure or structural complexity

Knk KUKPOWRUK FORMATION--Primarily marine sandstones and interbedded shales, non-coal bearing

Kn NANUSHUK GROUP--Corwin and Kukpowruk Formations undifferentiated

Kt TOROK FORMATION--Marine shales and siltstones

GEOLOGY AND DRILLHOLE LOCATIONS, CAPE BEAUFORT AREA POINT LAY A-2, A-3 AND A-4 QUADRANGLES, ALASKA

by

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