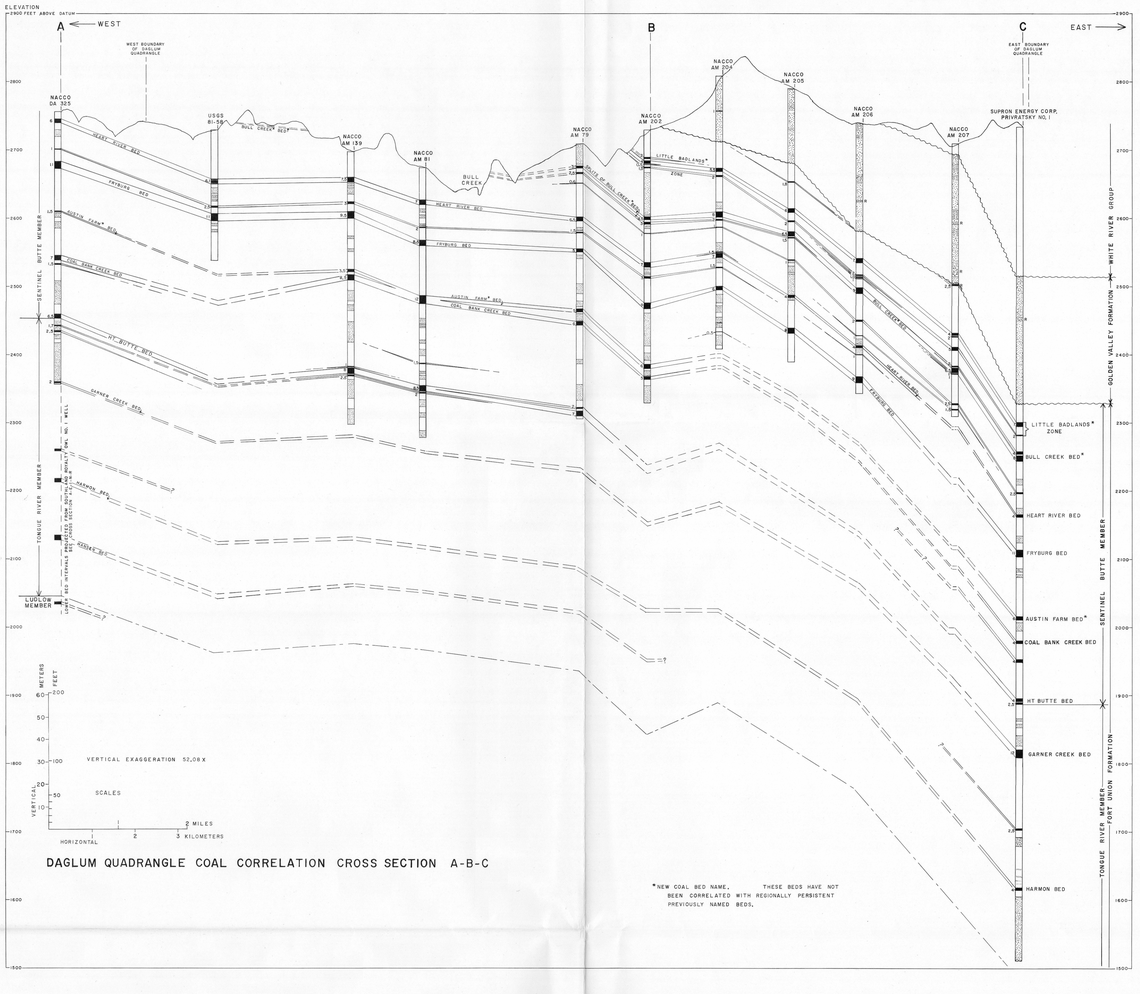
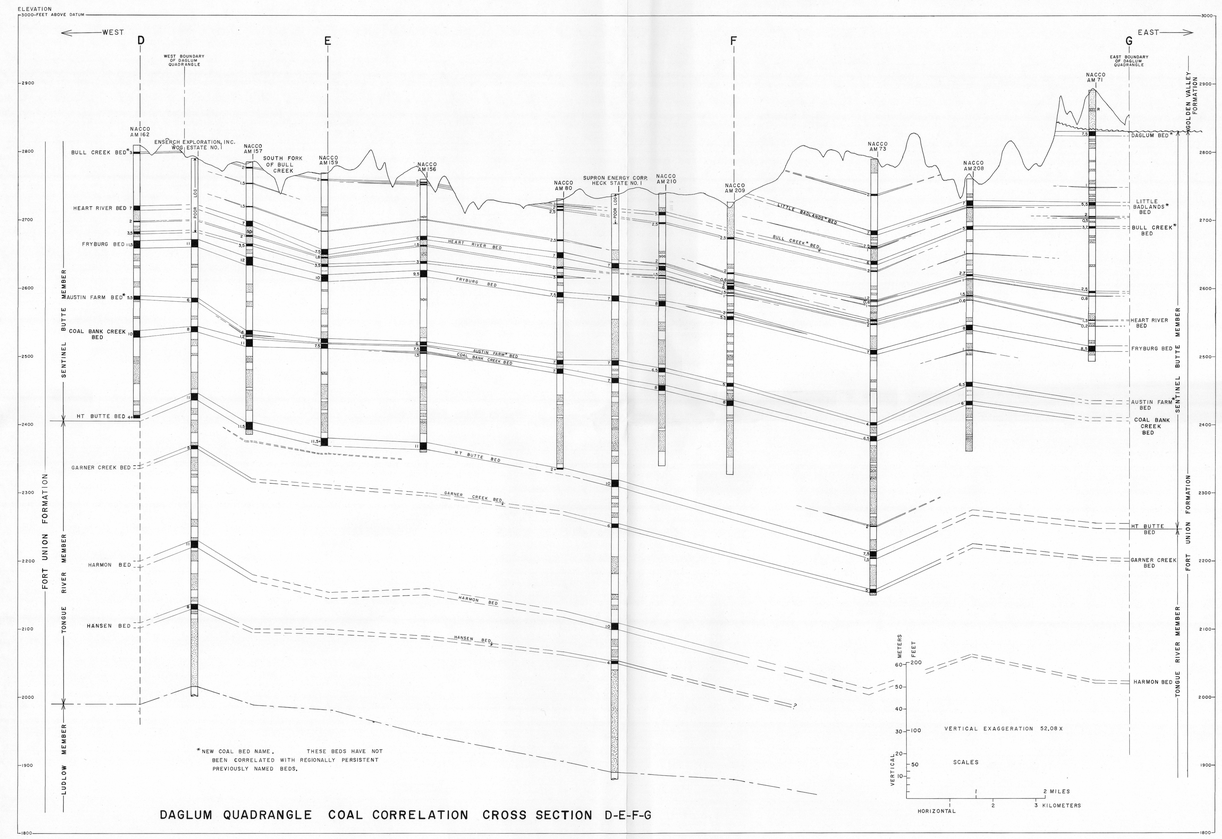


DAGLUM QUADRANGLE COAL CORRELATION CROSS SECTION A-B-C

*NEW COAL BED NAME. THESE BEDS HAVE NOT BEEN CORRELATED WITH REGIONALLY PERSISTENT PREVIOUSLY NAMED BEDS.



DAGLUM QUADRANGLE COAL CORRELATION CROSS SECTION D-E-F-G

*NEW COAL BED NAME. THESE BEDS HAVE NOT BEEN CORRELATED WITH REGIONALLY PERSISTENT PREVIOUSLY NAMED BEDS.

EXPLANATION OF COLUMNAR SECTIONS

NACCO AM 421 — OPERATOR AND HOLE NUMBER--NACCO--North American Coal Corp.; NDGS--North Dakota Geological Survey; USGS--United States Geological Survey; NDWC--North Dakota State Water Commission

RADIOACTIVE ZONE--In this quadrangle restricted, with two exceptions, to beds in the Golden Valley Formation, probably uranium-bearing lignitic carbonaceous shales

UNCONFORMABLE CONTACT

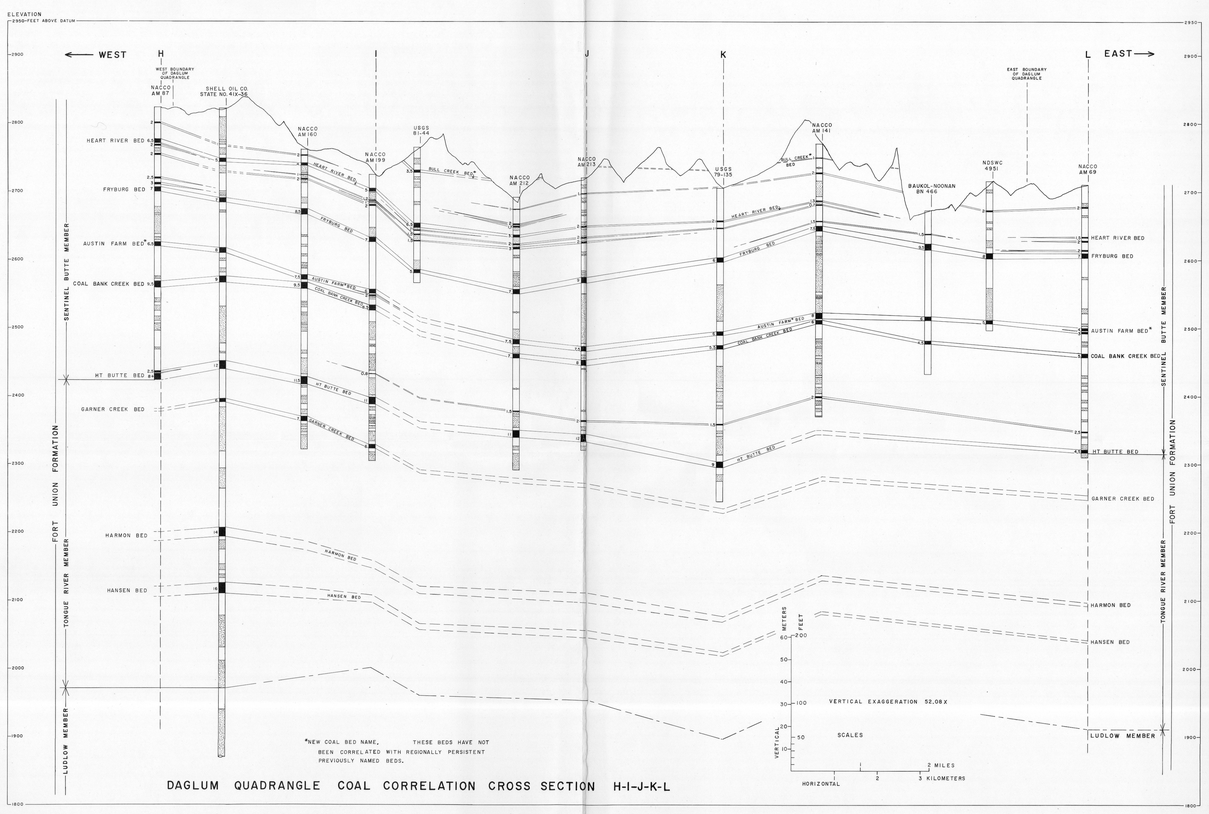
LIGNITE BEDS--Thickness shown in feet

UNDIFFERENTIATED ROCK--Shale, carbonaceous shale, silty claystone, siltstone, and sandy siltstone

LIMESTONE--Thin, lenticular, shallow-water lake deposits

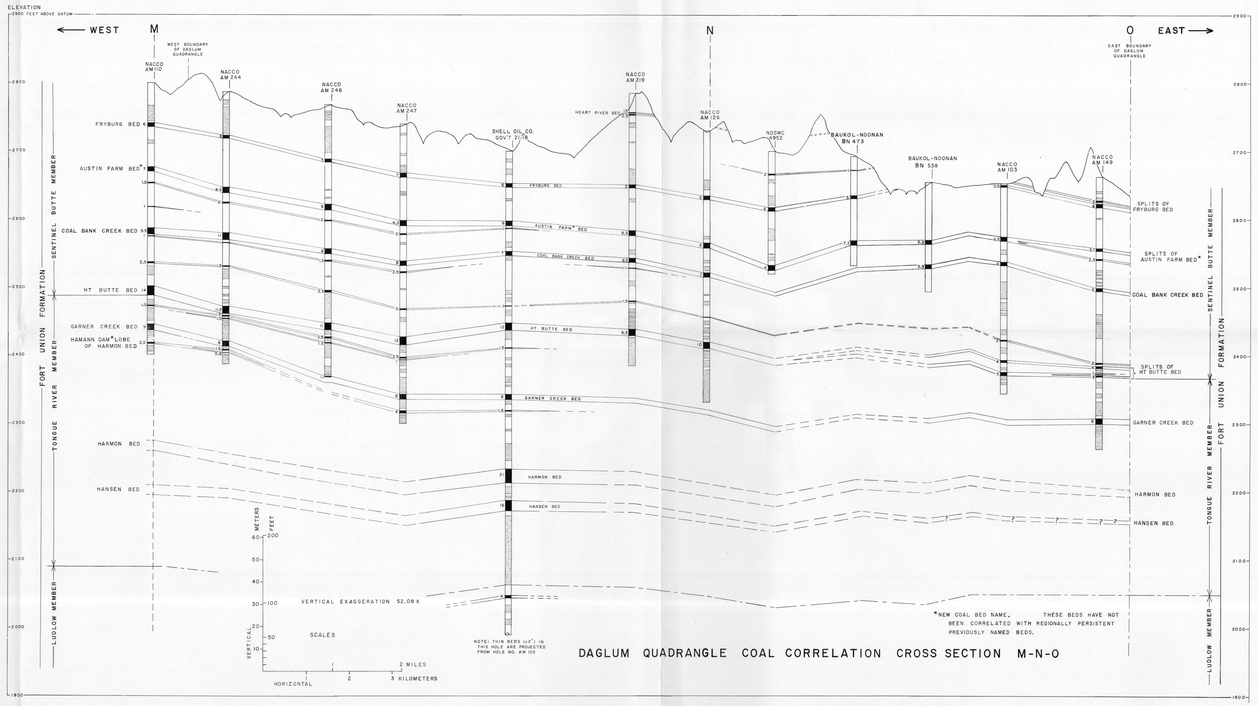
CORRELATION LINES--Dashed where projected by interval below multiwater control or where correlation is uncertain; fine less certain; queried where uncertain

SANDSTONE--Channel fill, point bar and crevasse splay deposits; possibly some fresh-water deltaic deposits



DAGLUM QUADRANGLE COAL CORRELATION CROSS SECTION H-I-J-K-L

*NEW COAL BED NAME. THESE BEDS HAVE NOT BEEN CORRELATED WITH REGIONALLY PERSISTENT PREVIOUSLY NAMED BEDS.



NOTE: THIN BEDS (<2') IN THIS HOLE ARE PROJECTED FROM HOLE NO. AM 103.

DAGLUM QUADRANGLE COAL CORRELATION CROSS SECTION M-N-O

*NEW COAL BED NAME. THESE BEDS HAVE NOT BEEN CORRELATED WITH REGIONALLY PERSISTENT PREVIOUSLY NAMED BEDS.

STRUCTURAL-STRATIGRAPHIC FRAMEWORK AND CORRELATION OF COAL BEDS IN THE TONGUE RIVER AND SENTINEL BUTTE MEMBERS OF THE FORT UNION FORMATION, DAGLUM 15-MINUTE QUADRANGLE, BILLINGS, STARK, AND SLOPE COUNTIES, NORTH DAKOTA

By
Jim S. Hinds

1983

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