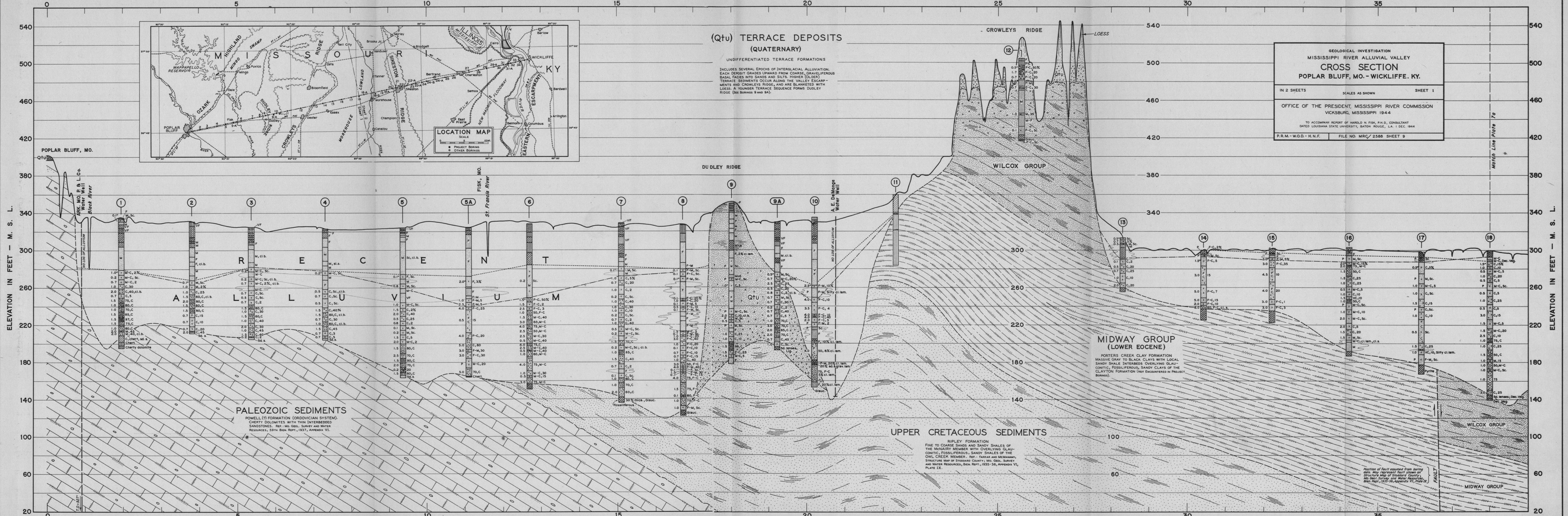
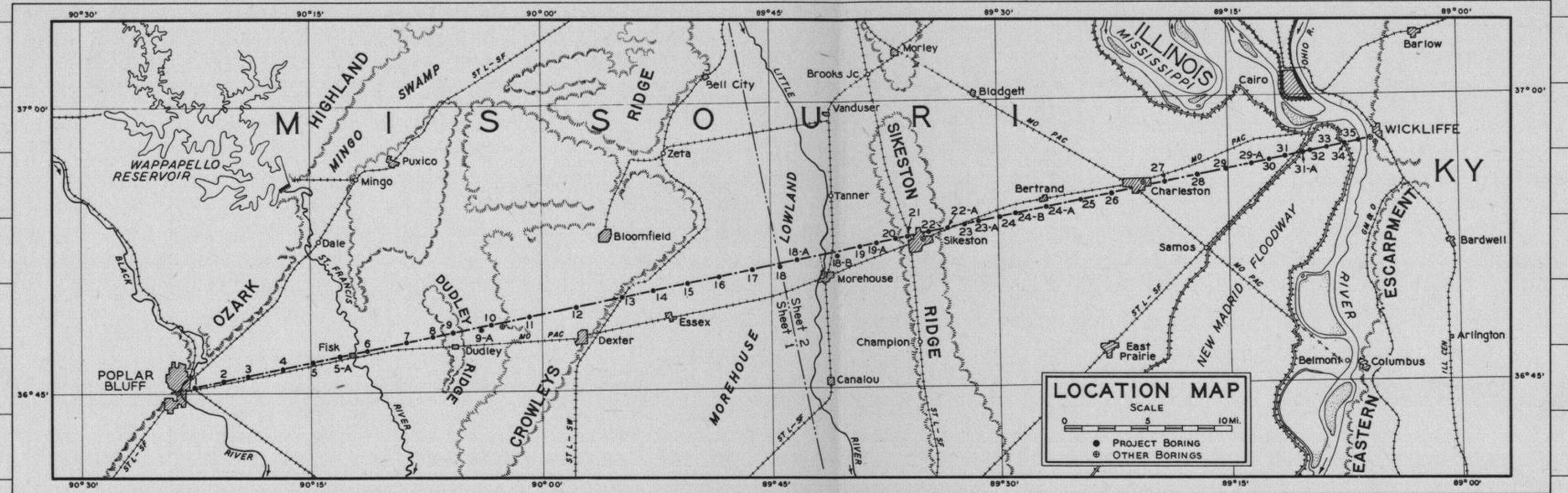


DISTANCE IN MILES



(Qtu) TERRACE DEPOSITS (QUATERNARY)

UNDIFFERENTIATED TERRACE FORMATIONS INCLUDES SEVERAL EPOCHS OF INTERGLACIAL ALLUVIATION. EACH DEPOSIT GRADES UPWARD FROM COARSE, GRAVELIFEROUS BASAL FACIES INTO SANDS AND SILTS. HIGHER (OLDER) TERRACE SEDIMENTS OCCUR ALONG THE VALLEY ESCARPMENTS AND CROWLEYS RIDGE, AND ARE BLANKETED WITH LOESS. A YOUNGER TERRACE SEQUENCE FORMS DUDLEY RIDGE (SEE BORINGS 9 AND 9A).



GEOLOGICAL INVESTIGATION MISSISSIPPI RIVER ALLUVIAL VALLEY CROSS SECTION POPLAR BLUFF, MO. - WICKLIFFE, KY. IN 2 SHEETS SCALES AS SHOWN SHEET 1 OFFICE OF THE PRESIDENT, MISSISSIPPI RIVER COMMISSION VICKSBURG, MISSISSIPPI 1944 TO ACCOMPANY REPORT OF HAROLD N. FISK, P.H.D., CONSULTANT DATED LOUISIANA STATE UNIVERSITY, BATON ROUGE, LA. 1 DEC. 1944 P.R.M.-W.O.D.-H.N.F. FILE NO. MRC/2588 SHEET 9

ELEVATION IN FEET - M. S. L.

ELEVATION IN FEET - M. S. L.

DISTANCE IN MILES

PALEOZOIC SEDIMENTS POWELL (?) FORMATION (ORDOVICIAN SYSTEM) CHERY DOLOMITES WITH THIN INTERBEDDED SANDSTONES. REF. MO. GEOL. SURVEY AND WATER RESOURCES, 59TH BIEN. REPT., 1937, APPENDIX VI.

UPPER CRETACEOUS SEDIMENTS RIPLEY FORMATION FINE TO COARSE SANDS AND SANDY SHALES OF THE McNAIRY MEMBER WITH OVERLYING GLAUCONITIC, FOSSILIFEROUS, SANDY SHALES OF THE CIVIL CREEK MEMBER. REF. FAIRBANK AND McKNAMARY, STRUCTURE MAP OF STODDARD COUNTY, MO. GEOL. SURVEY AND WATER RESOURCES, BIEN. REPT., 1935-36, APPENDIX VI, PLATE IX.

MIDWAY GROUP (LOWER EOCENE) PORTERS CREEK CLAY FORMATION MASSIVE GRAY TO BLACK CLAYS WITH LOCAL SANDY SHALE INTERBEDS OVERLYING GLAUCONITIC, FOSSILIFEROUS, SANDY CLAYS OF THE CLAYTON FORMATION (NOT ENCOUNTERED IN PROJECT BORINGS).