



EXPLANATION

SITE NAME
pH, IN UNITS
PATTERN DENOTES MAJOR SOURCE OF MINE-RELATED DRAINAGE

DISCHARGE, IN CUBIC FEET PER SECOND

18
Discharge from southern part of Mine 25 near Keota
pH=5.8 Q=0.37
Primary source of water in North Fork Claybank Creek. Large concentrations of sulfate, iron, and manganese.

SITE NUMBER
pH, IN UNITS
PATTERN DENOTES MAJOR EFFECTS FROM MINE-RELATED DRAINAGE

17-North Fork Claybank Creek below coal-waste tributary
pH=2.5 Q=0.07
Coal wastes in stream channel from site 6 at Keota (fig. 1) caused water in stream to become acidic on contact. All water in the creek at this site was from Mine 25 discharge at Keota (site 14, fig. 1).

DISCHARGE, IN CUBIC FEET PER SECOND

RECTANGLE DESIGNATES RECEIVING-STREAM SITE

CLAYBANK CREEK BASIN BOUNDARY
STRIP MINE
BOUNDARY OF MINED-OUT AREA

MAP SHOWING DATA-COLLECTION SITES AND SUMMARIES OF LOW BASE-FLOW DATA COLLECTED IN THE CLAYBANK CREEK BASIN AND ADJACENT AREA, NORTH CENTRAL MISSOURI, SEPTEMBER 21-23, 1983.