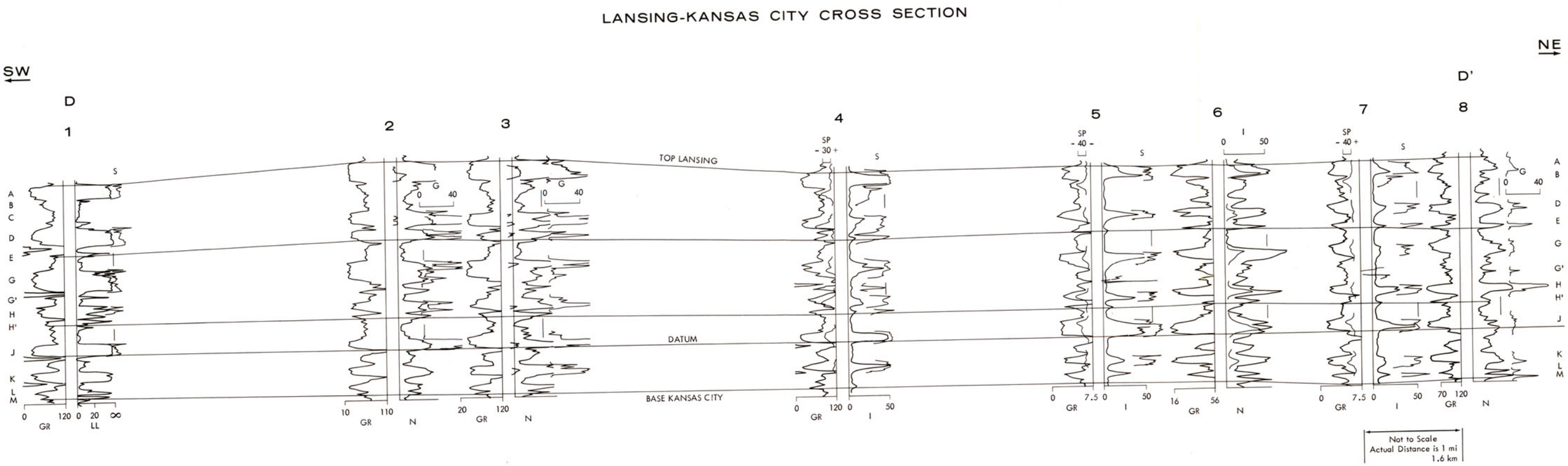
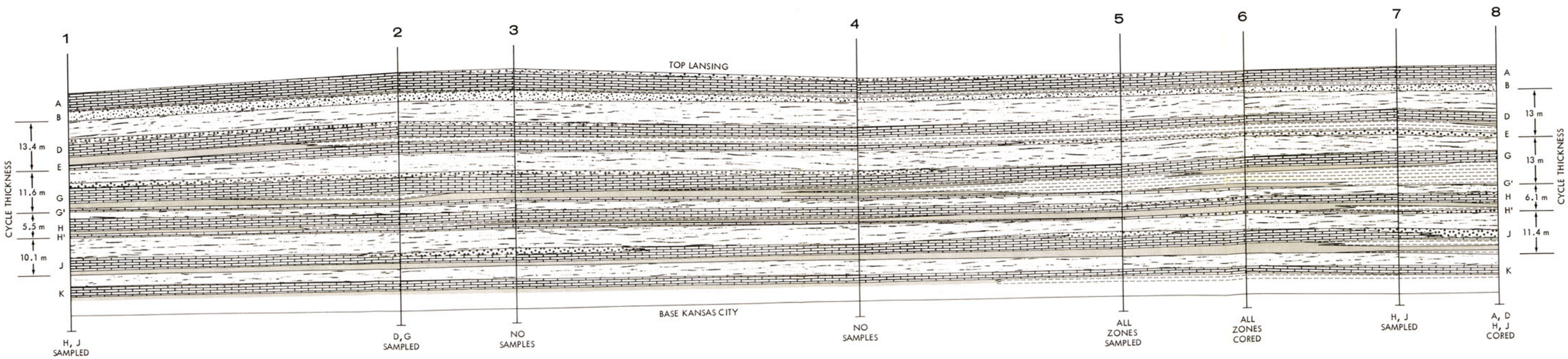
KANSAS GEOLOGICAL SURVEY
BULLETIN 220

LANSING-KANSAS CITY CROSS SECTION





KEY TO FACIES

- REGRESSIVE SHALE
- GRAIN-SUPPORTED CARBONATE } TRANSGRESSIVE AND REGRESSIVE CARBONATE
- MUD-SUPPORTED CARBONATE } TRANSGRESSIVE AND REGRESSIVE CARBONATE
- MARINE SHALE
- MARINE SHALE WITH ASSOCIATED "HIGH" (>180 API) NATURAL GAMMA RADIATION
- REWORKED AND WINNOWED SILICICLASTICS ASSOCIATED WITH TRANSGRESSION

KEY TO LOG TYPES AND SCALES

CORRELATION LOGS
- GR: NATURAL GAMMA RAY, API AND CPS UNITS
- SP: SPONTANEOUS POTENTIAL, MILLIVOLTS

POROSITY LOGS
- N: NEUTRON (THERMAL), COUNTS PER SECOND } VERTICAL BAR DENOTES POSITION OF 8% POROSITY
- S: SONIC, SCALE NOT SHOWN

RESISTIVITY LOGS
- LL: LATEROLOG, OHM-METERS
- G: GUARD, OHM-METERS
- I: INDUCTION, OHM-METERS

12 40
m ft
0 0
Vertical Exaggeration 85X
0 mi 0.65
0 km 1