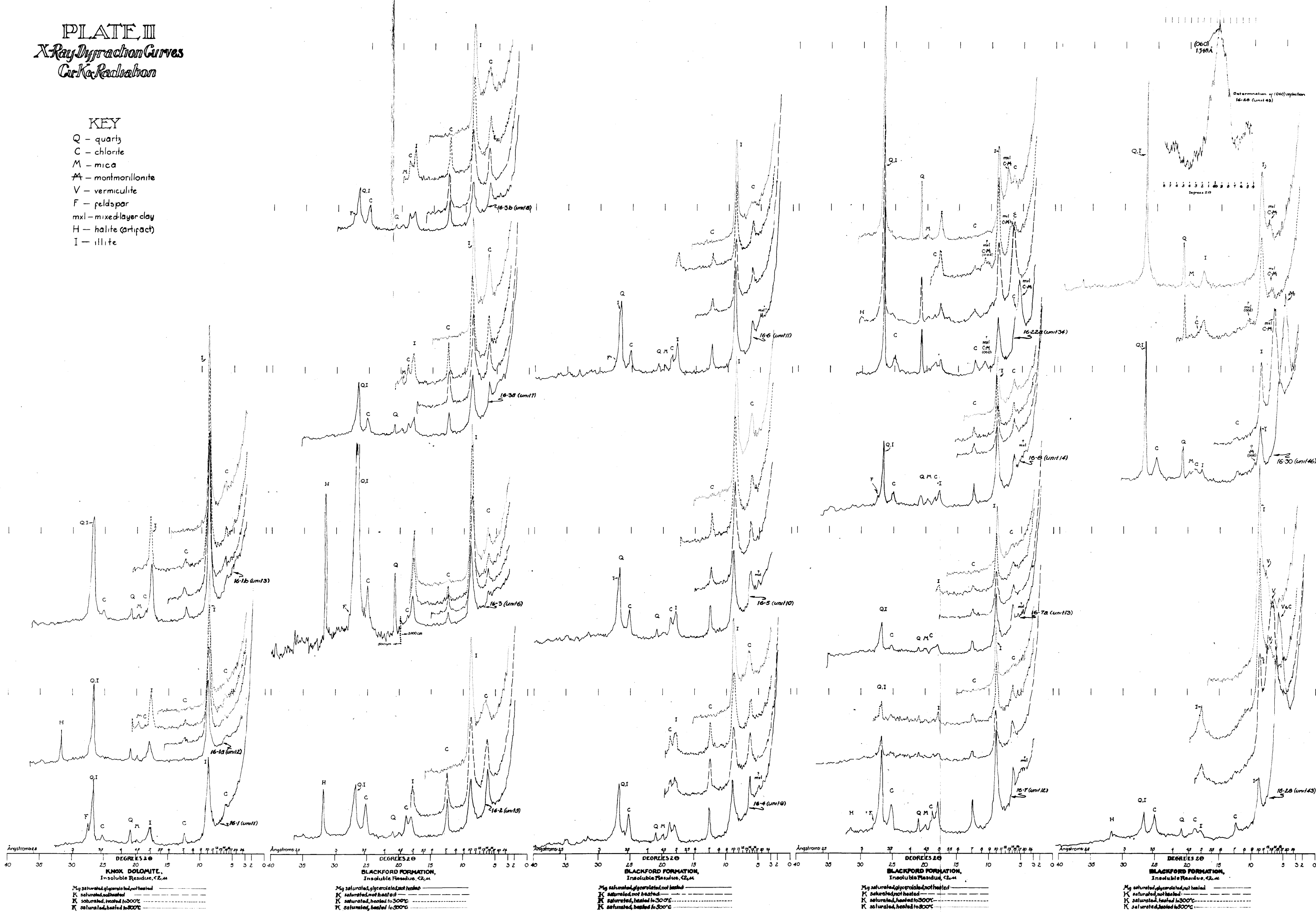


PLATE III
X-Ray Diffraction Curves
CuK α Radiation

KEY

- Q - quartz
- C - chlorite
- M - mica
- A - montmorillonite
- V - vermiculite
- F - feldspar
- mxl - mixed layer clay
- H - halite (artifact)
- I - illite



Mg saturated, glycerolated, not heated
K saturated, not heated
K saturated, heated to 300°C
K saturated, heated to 800°C

Mg saturated, glycerolated, not heated
K saturated, not heated
K saturated, heated to 300°C
K saturated, heated to 800°C

Mg saturated, glycerolated, not heated
K saturated, not heated
K saturated, heated to 300°C
K saturated, heated to 800°C

Mg saturated, glycerolated, not heated
K saturated, not heated
K saturated, heated to 300°C
K saturated, heated to 800°C

Mg saturated, glycerolated, not heated
K saturated, not heated
K saturated, heated to 300°C
K saturated, heated to 800°C

(060)
1348A
Determination of (040) reflection
16-28 (unit 43)