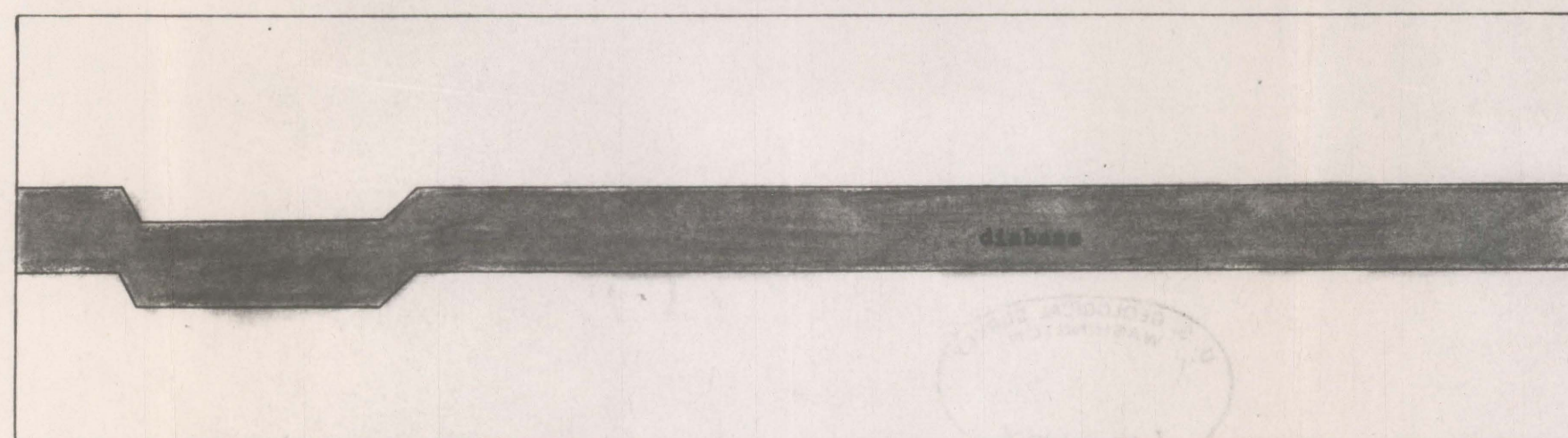


FIGURE 15. IDEALIZED GEOLOGIC SECTION SHOWING RELATIONS OF FAULTS TO DIABASE INTRUSIONS AND TO PRE-PALEOZOIC UNCONFORMITIES

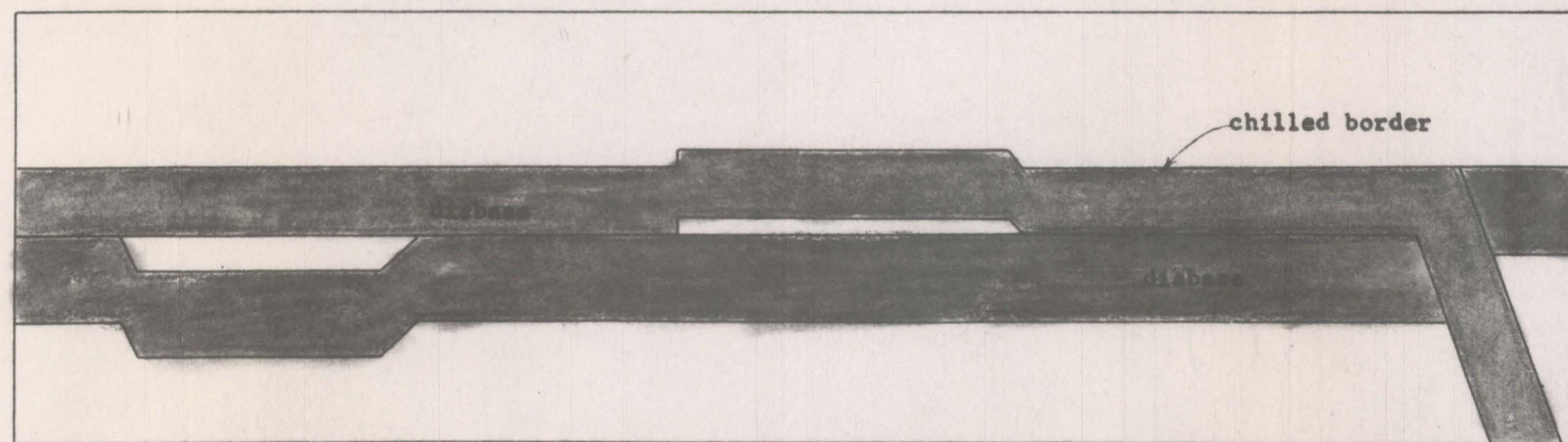
Note vertical exaggeration. Diagram is greatly simplified; ordinarily two or more sills inflate the Apache section and several minor discordant steps, too small to depict here, would exist along sill boundaries. See text for additional explanation.

This map is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.

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A. First locally discordant diabase sill



B. Second sill intruded generally along same plane as first but locally discordant so that large plates of strata remain between sills

FIGURE 12. DIAGRAMMATIC SECTIONS SHOWING RELATIONS OF MULTIPLE INJECTIONS OF DIABASE TO PLATES OF HOST ROCK ISOLATED BETWEEN INTRUSIONS

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