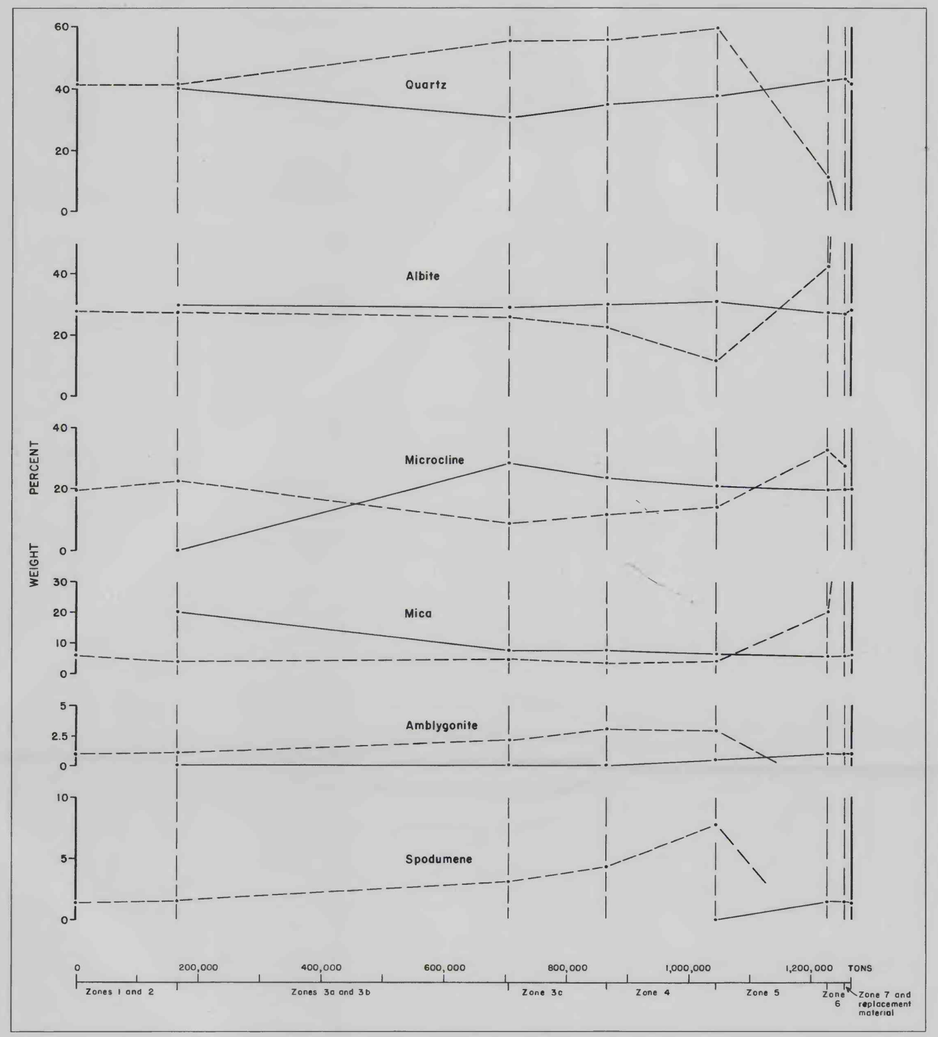
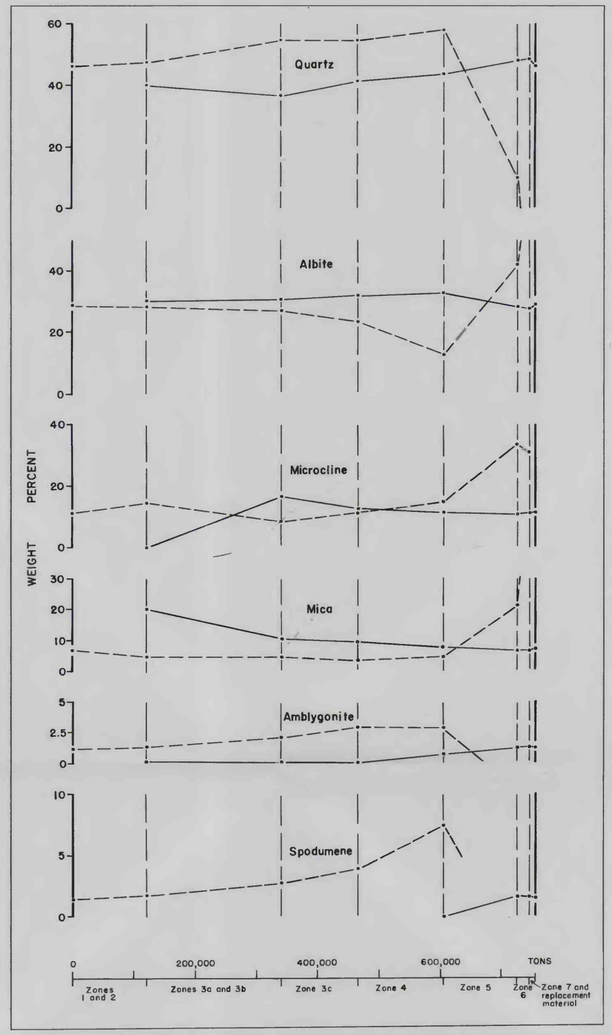
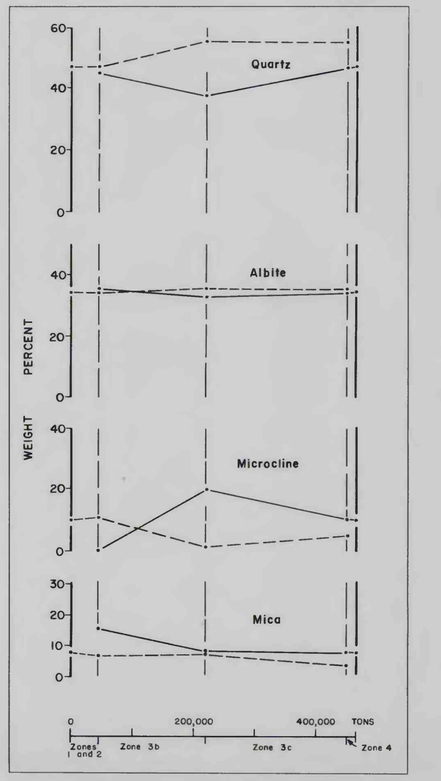


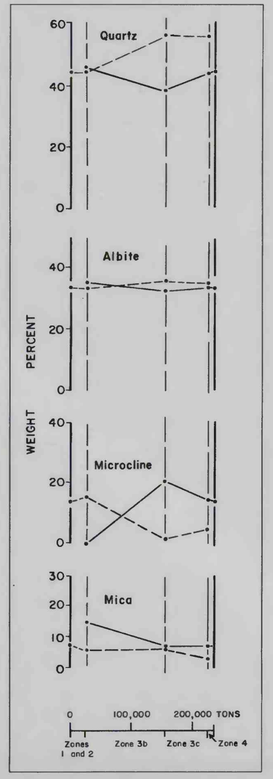
SOUTH SEGMENT, ENTIRE BODY



SOUTH SEGMENT, BETWEEN ALTITUDE OF 4442 FEET AND SURFACE



NORTH SEGMENT, ENTIRE BODY



NORTH SEGMENT, BETWEEN ALTITUDE OF 4442 FEET AND SURFACE

Corresponds to the variation diagram for oxides (plate 11). At any zonal contact in the pegmatite, the solid lines show the percentages of the different minerals in zones nearer the pegmatite contact, and the dashed lines show percentages of the minerals in the inner units. Calculated from data in tables 19 and 21. In zone 3, 80 percent of the perthite was assigned to microcline, and 20 percent was assigned to albite

VARIATION DIAGRAM SHOWING THE CONTENT OF QUARTZ, ALBITE, MICROCLINE, MICA, AMBLYGONITE, AND SPODUMENE AT SUCCESSIVE ZONAL CONTACTS IN THE HUGO PEGMATITE, KEYSTONE, SOUTH DAKOTA

621497 O - 62 (In pocket)