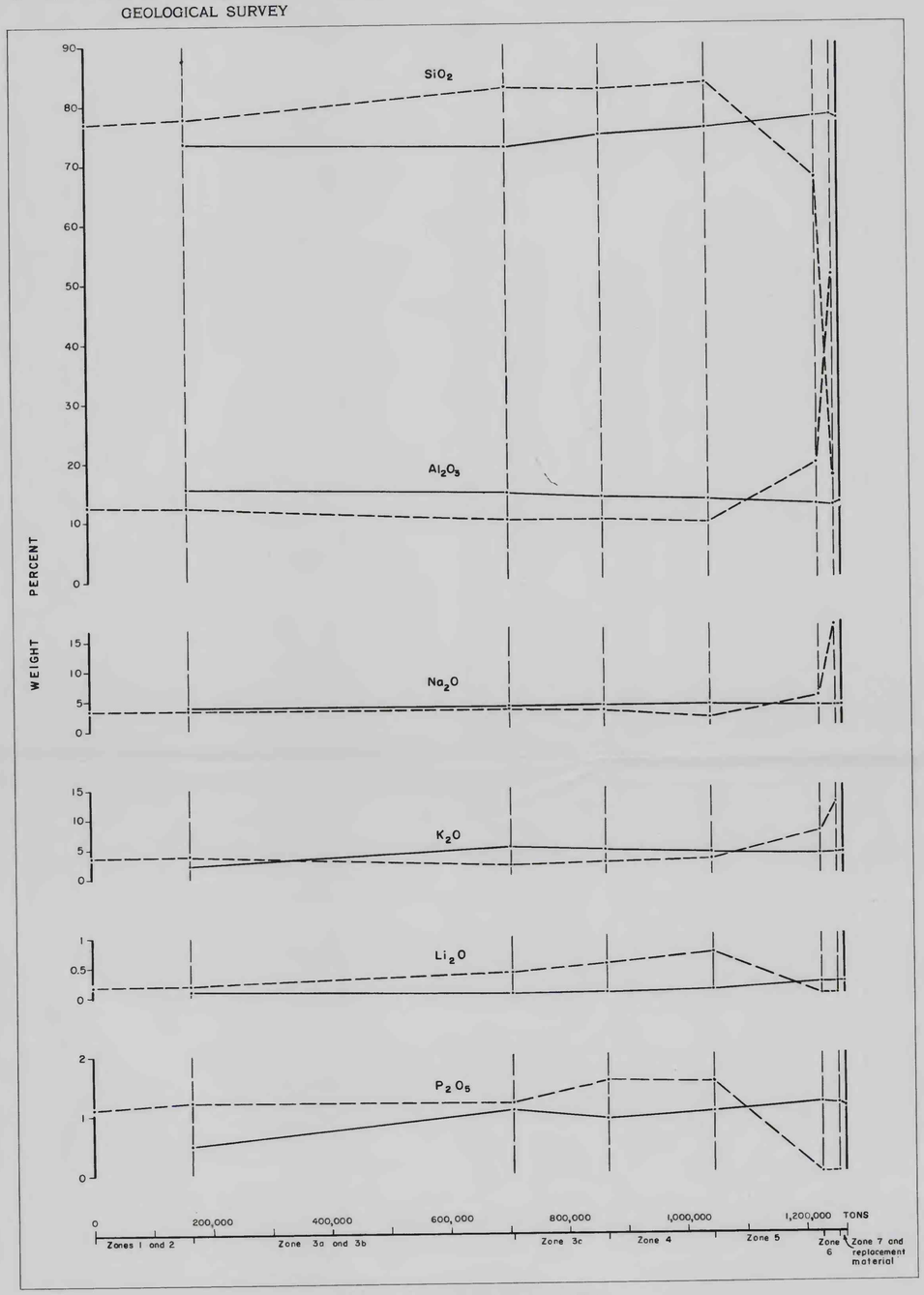
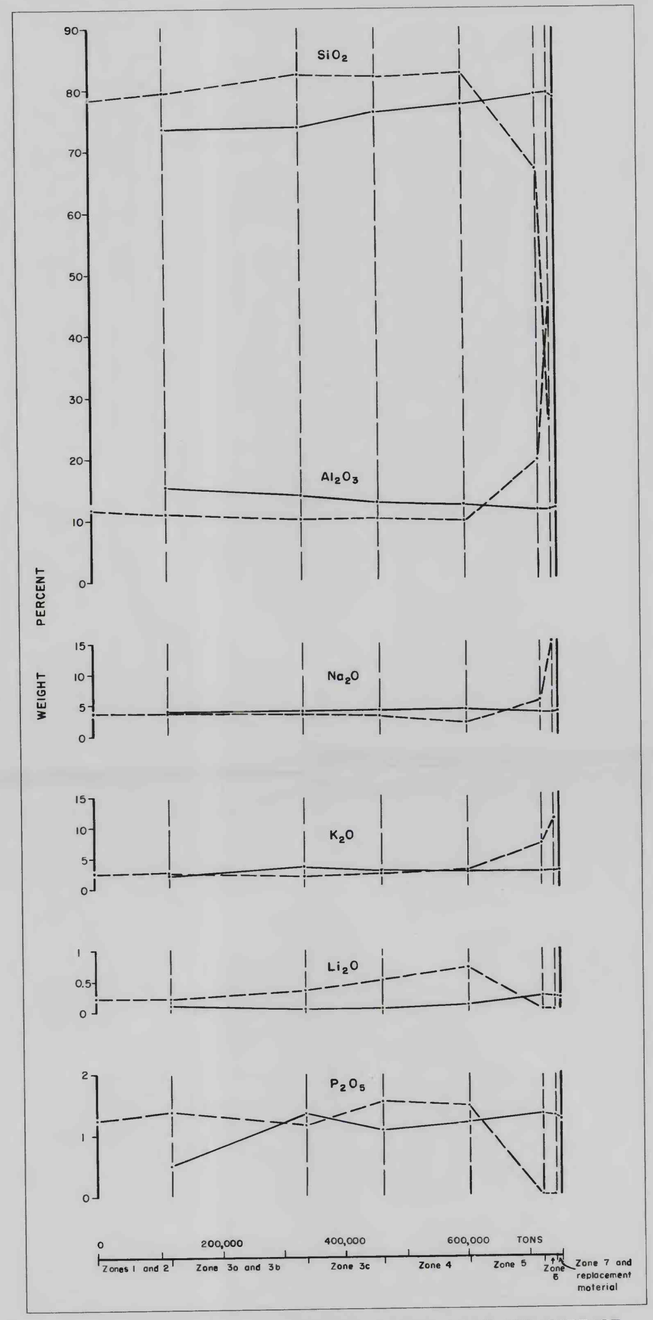
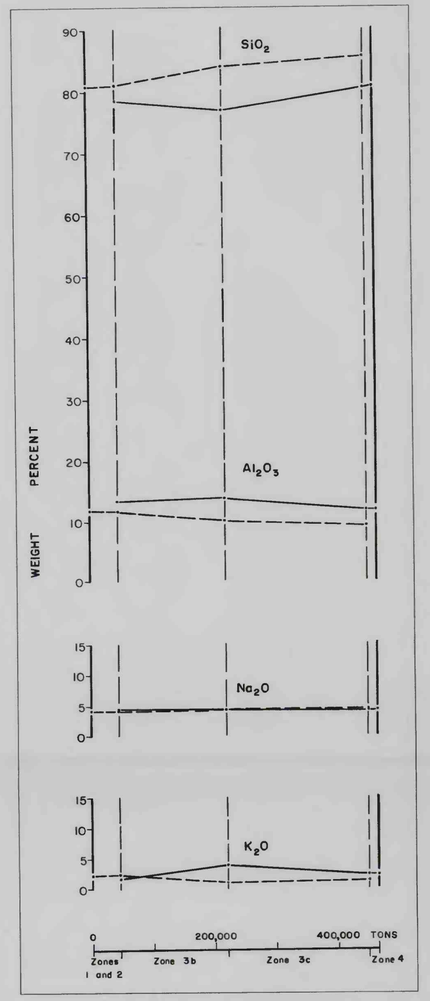


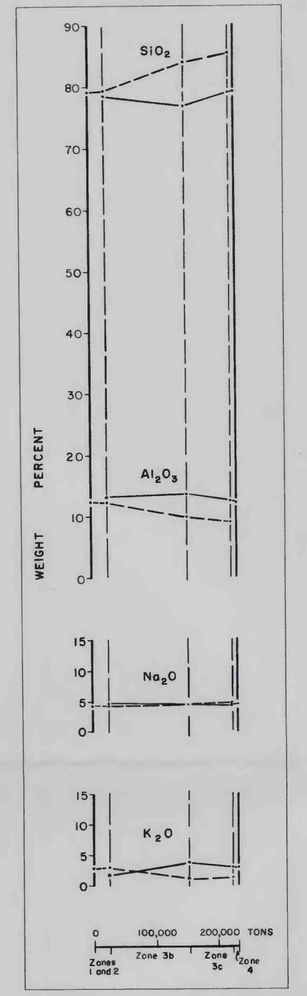
SOUTH SEGMENT, ENTIRE BODY



SOUTH SEGMENT BETWEEN ALTITUDE OF 4442 FEET AND SURFACE



NORTH SEGMENT, ENTIRE BODY



NORTH SEGMENT, BETWEEN ALTITUDE OF 4442 FEET AND SURFACE

At any zonal contact in the pegmatite, the solid lines show the percentages of the different oxides in zones nearer the pegmatite contact, and the dashed lines show the percentages of the oxides in inner units. If the pegmatite crystallized from a fluid that solidified from the contact inward, then the solid lines show the approximate composition of solidified rock, and the dashed lines show the approximate composition of the fluid at different stages during crystallization. Calculated from data in tables 19 and 21

VARIATION DIAGRAMS SHOWING THE CONTENT OF SiO_2, Al_2O_3, Na_2O, K_2O, Li_2O, AND P_2O_5 AT SUCCESSIVE ZONAL CONTACTS IN THE HUGO PEGMATITE, KEYSTONE, SOUTH DAKOTA

621497 O - 62 (In pocket)