



Fig. 1. Some experimentally determined phase relations and boundary relations concerned with lawsonite.

A-B Lawsonite \rightleftharpoons anorthite + water (Crawford and Fyfe).

C-D Lawsonite \rightleftharpoons anorthite + water (estimated, Newtown and Kennedy, 1963).

D-E-L-H Anorthite \rightleftharpoons zoisite + kyanite + quartz + water (Newton and Kennedy,

1963).

E-F-K-I and E-F-K'-I' Kyanite + quartz + anorthite \rightleftharpoons lawsonite + water (Newton and Kennedy, 1963).

G-H Lawsonite + quartz + water \rightleftharpoons lamprophyllite (estimated by Fyfe).

I-J Aragonite \rightleftharpoons calcite (Clark, 1957; Crawford and Fyfe, 1964; Jarrard and Macdonald, 1956).

K-I and K'-I' Jadeite + quartz \rightleftharpoons albite (Fyfe and Valpy, 1959).