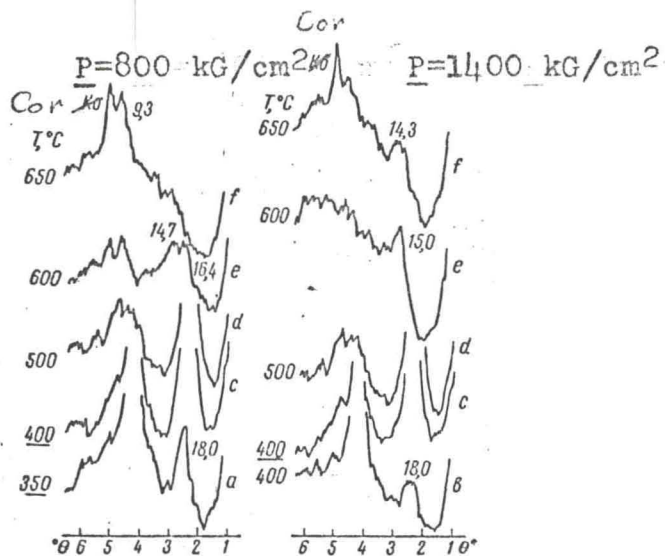


A

Palygorskite treated with glycerine



B

Palygorskite heated at 600°C

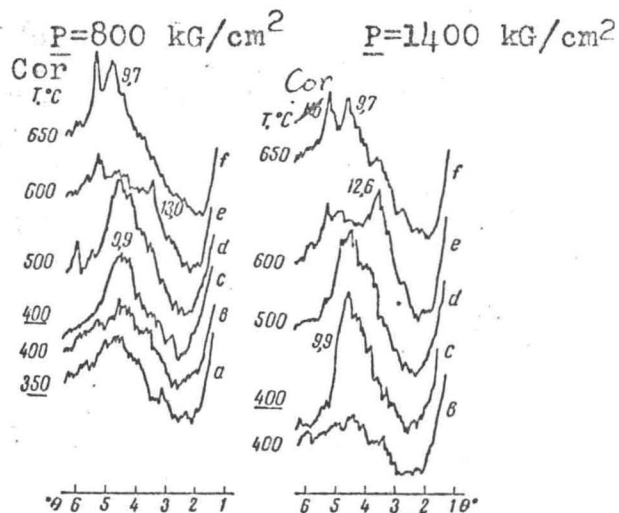


Fig.3. Parts of diffractograms of the phases developed in palygorskite sample at $P_{H_2O} = 800$ and 1400 kg/cm^2 and $T = 350$ to 650°C after 22-48 hour runs; A - sample treated with glycerine after experiment; B - sample heated at atmospheric pressure for 2 hours at 600°C