**Abstract:**

**A new method for preparation of soluble alkaline silicates from quartz has been reported. The soluble silicates have been prepared by a new method from Bazman silica mine. The raw material quartz has been characterized by XRD, XRF, and sectioning techniques. XRF analysis showed that the Bazman silica has a pure reserve of quartz. After milling and sieving, the quartz powder and NaOH or KOH were reacted in the presence of some additives in an electric furnace. In our method, the additives have an important role in the operation temperature. The final products have been characterized by XRD and XRF. The method was modified to achieve very high yields (> 90%) at low operation temperature and minimum amount of the additives.**