

# CHARACTERISTICS OF MINERAL CONTENT AND INGREDIENTS OF BALLT STONE FOR HOT STONE MASSAGE USE

by Ma'rifani Fitri Arisa, M.Pd, Elok Novita, S.Pd., M.Pd, Mause Agrevinna, M.Pd.

## ABSTRACT

This research aims to: a. Knowing the mineral content and constituent elements of basalt stone for the use of hot stone massage b. Knowing the physical properties of basalt stone for the use of hot stone massage. This research is experimental-laboratory. The data collection method uses the observation method. The sample analysis method uses experimental methods in the Quality Control laboratory with the components of the XRD and XRF tools. XRD and XRF aim to determine the characteristics of the mineral content and constituent elements of basalt stones for the use of hot stone massage.

The results of this study, namely this research, 1)namely the characteristics of the mineral content and constituent elements of basalt stone for the use of hot stone massage, namely the oxide compounds  $\text{SiO}_2$ ,  $\text{Al}_2\text{O}_3$ ,  $\text{Fe}_2\text{O}_3$ ,  $\text{K}_2\text{O}$ ,  $\text{MgO}$ , and  $\text{Na}_2\text{O}$ . 2)The physical properties of basalt stone are rocks that are dark in color, fine grained, igneous rock which can be used as an alternative for the use of hot stone massage and the mineral content of basalt stone can be beneficial for health.

Kata Kunci: *mineral content, constituent elements, basalt stone, hot stone massage*