

**PENAKSIRAN CADANGAN PASIR BATU
DI PT. MEGA BUMI KARSA KECAMATAN CARINGIN
KABUPATEN BOGOR JAWA BARAT**

ABSTRACT

Reserve assessment conducted at PT. Mega Bumi Karsa using the method of Cross Section and Contour method with the guidelines of Gradual Change Rule. The goal is to find out how large proven reserves of sand stone.

Sand stone area under study is 55 966 m². Methods Cross Section (vertical section) with the Rule of Gradual Change guidelines is done by connecting with a cross-sectional one another, so that any calculation of the volume bounded by two cross sections and total reserves of 530.889 m³. Contour methods (horizontal section) with the Rule of Gradual Change guidelines is done by connecting the cross-section in elevation of the cross on the other elevations, so that any calculation of the volume bounded by two cross-section and obtained total reserves of 522.268 m³. The calculated volume difference between the methods Cross Section and Contour method is 8.621 m³. Based on the Indonesia National Standard (SNI) SNI 13-6011-1999, sand stone reserves at the study site can be classified as proved reserves of sand stone (Proved Reserve).

Key words: *Cross Section, Contour, Rule of Gradual Change*