

**THE LITHOLOGIC BASIN COEFFICIENTS FOR CLAYS AND SANDSTONES IN
THE FORMATION OF THE BÂRLAD DEPRESSION AND THE
SUPERADJACENT FORELAND BASIN**

CLAUDIA CIRIMPEI¹

¹„Al.I.Cuza” University of Iași, Department of Geology, 20A Carol I Blv.,
700505 Iași, Romania

Abstract

In the present paper, we have determined the lithologic basin coefficients for clays and sandstones in the formation of the Bârlad Depression and the supradjacent foreland basin.

We have made two graphic representation of the porosity with depth variation.

By comparing the coefficients determined to those known in the literature, we have noticed that they are smaller for the foreland basin because the rock is young, Sarmatian and less consolidated, and greater for the Bârlad Depression, with older, more intensely consolidated, Dogger formations (Table 1).

Keywords: clays, sandstones, the lithologic basin coefficients