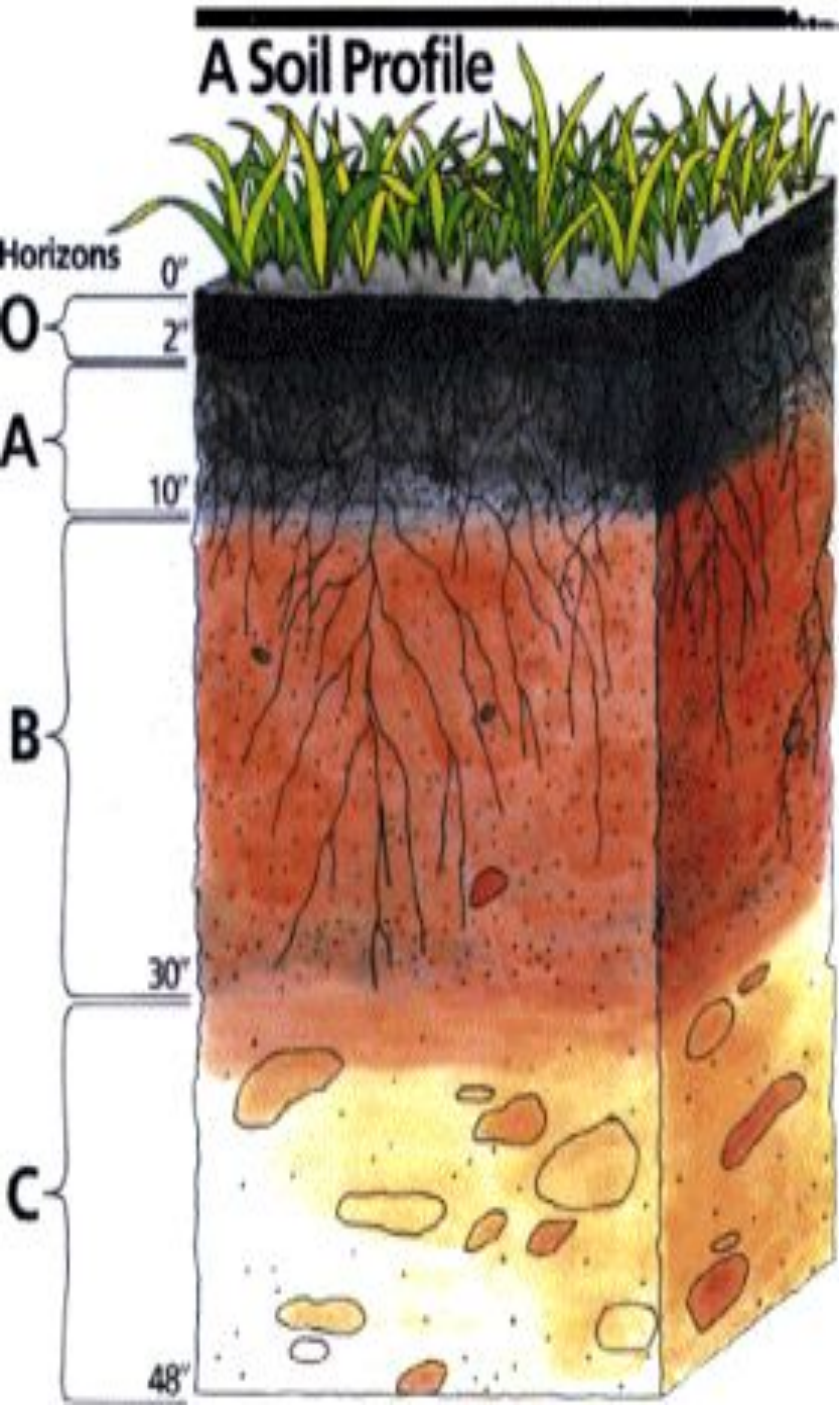


CLASSIFICATION OF SOIL

A photograph of a grassy field with dark brown soil in the foreground and a blue sky with light clouds in the background. The text "CLASSIFICATION OF SOIL" is overlaid in the center in a bold, blue, serif font.



Classification of soil is amalgamation of soil in corresponding with the same signs, originated from sums of classification. It may be natural –historical, applied, economical

Nowadays in classification of soil the following taxonomical units are used:

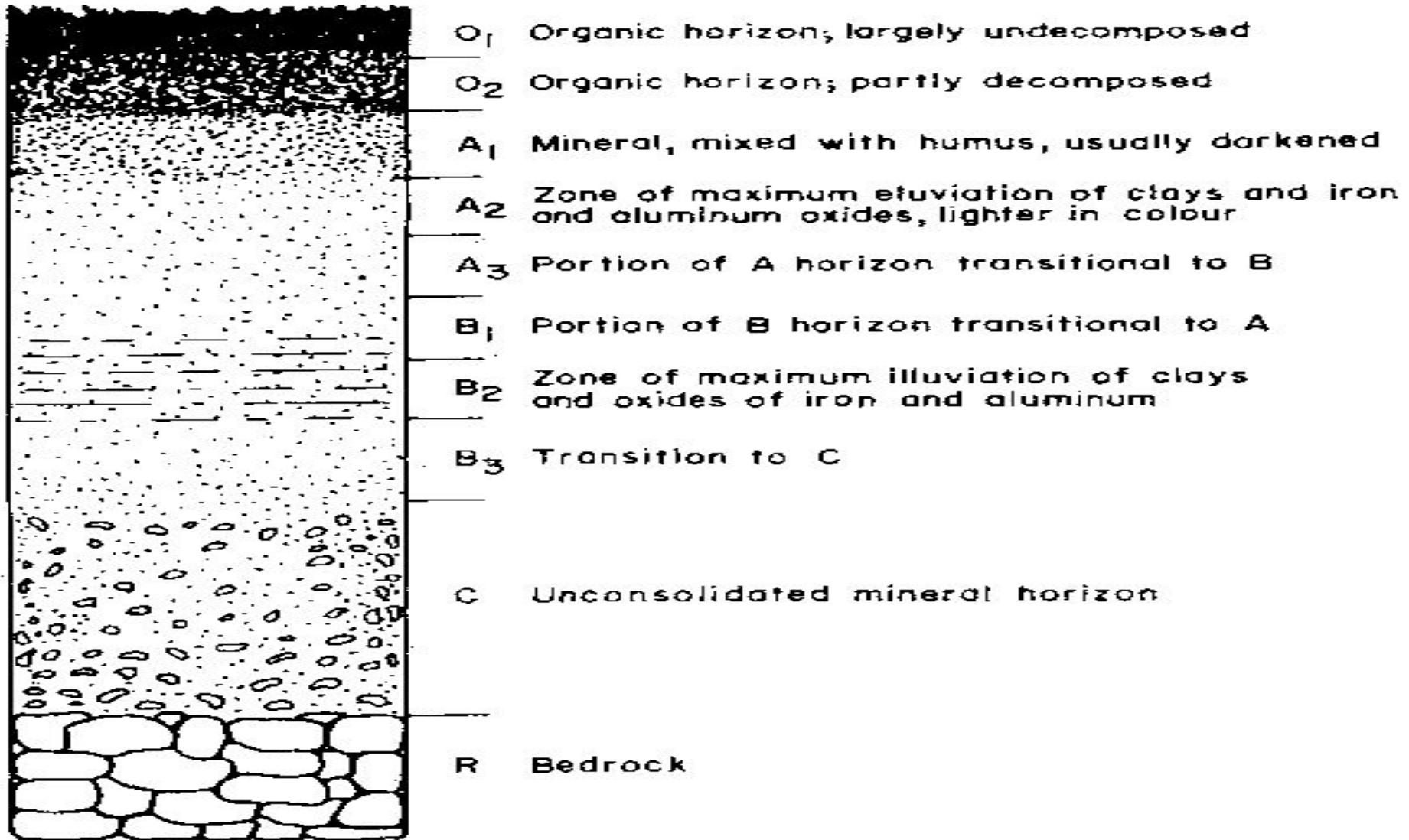
- ➔ soil is formed in the same condition and possessing with similar structure and property
- ➔ group of soil that limited from one type that distinguished between the main and additional process of soil formation
- ➔ depends on mechanical structure

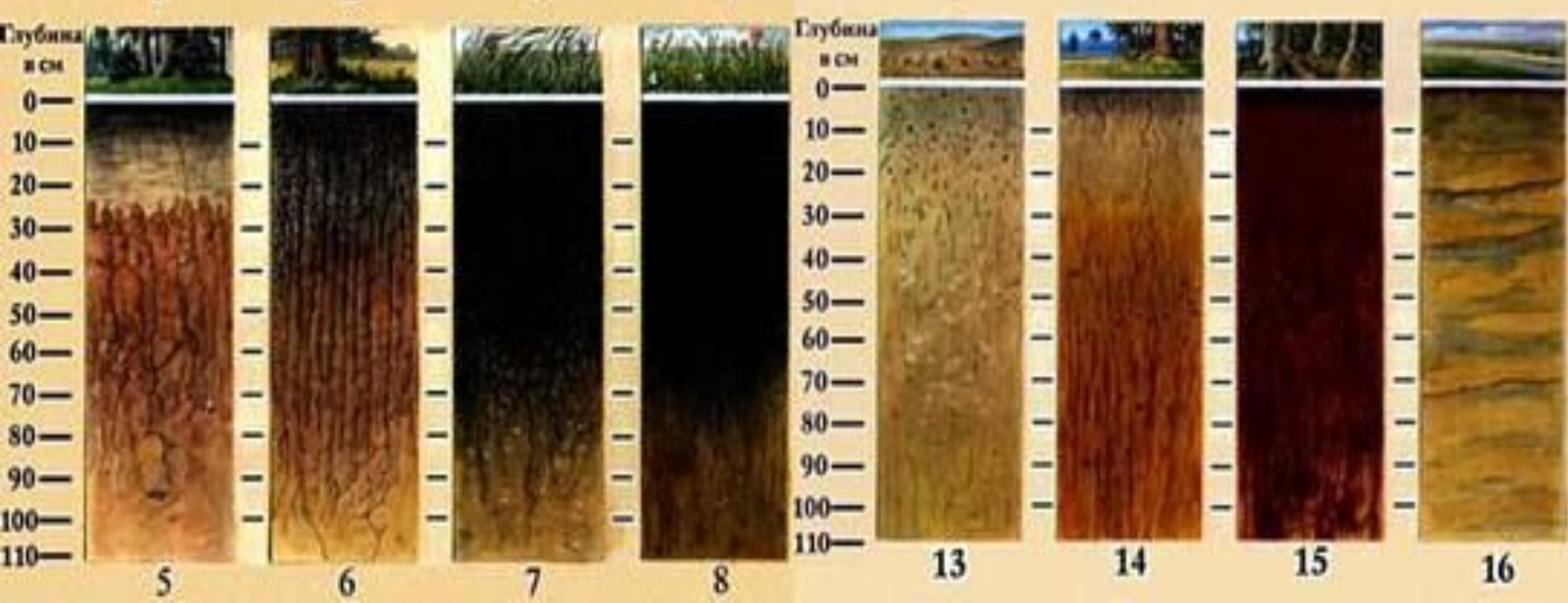
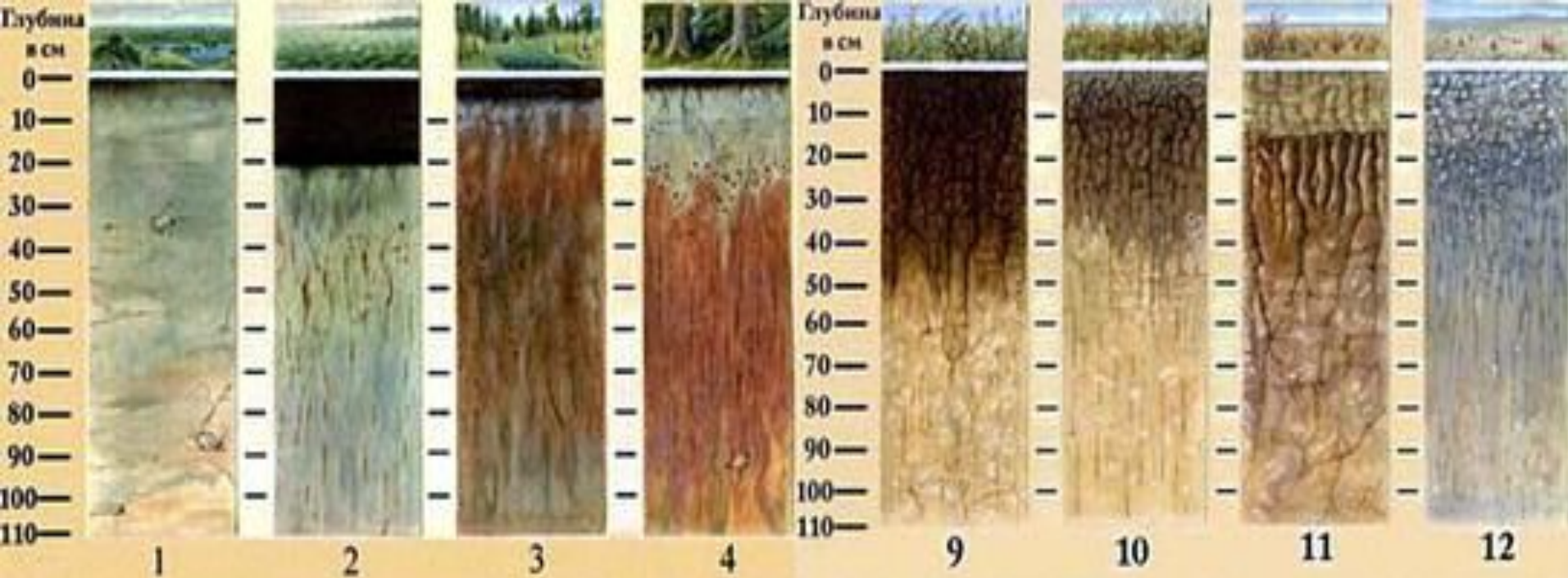


Parent Material	Ignoring Weathering	Degree of Weathering		
		0-1	1-3	>3
Ultrabasic	3-4	4-4	3-4	2-3
Basic/Intermediate	3-4	3-4	3-3	-
Acid	1-3	2-4	1-2	1-2
Clay/Clay State	1-3	2-3	1-3	1-1
Phyllite	1-4	1-4	2-2	-
Sandstone	1-3	3-3	2-2	1-2

Table 4: Classification of susceptibilities with respect to soil influence on metal detector performance. 1: neutral, 2: moderate, 3: severe, 4: very severe. The first index corresponds to the median and the second to the 90%-quantile. The first symbol corresponds to the average influence of the soil on MD and the second to the maximum impact that has to be expected.

It may be natural –historical, applied, economical





**Thank you for
your attention!**



Any questions?!

