

551.8+624.131.1

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(- , V) (- (- V) , V) (- V).

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- V .

- [7],

, [4, 5],

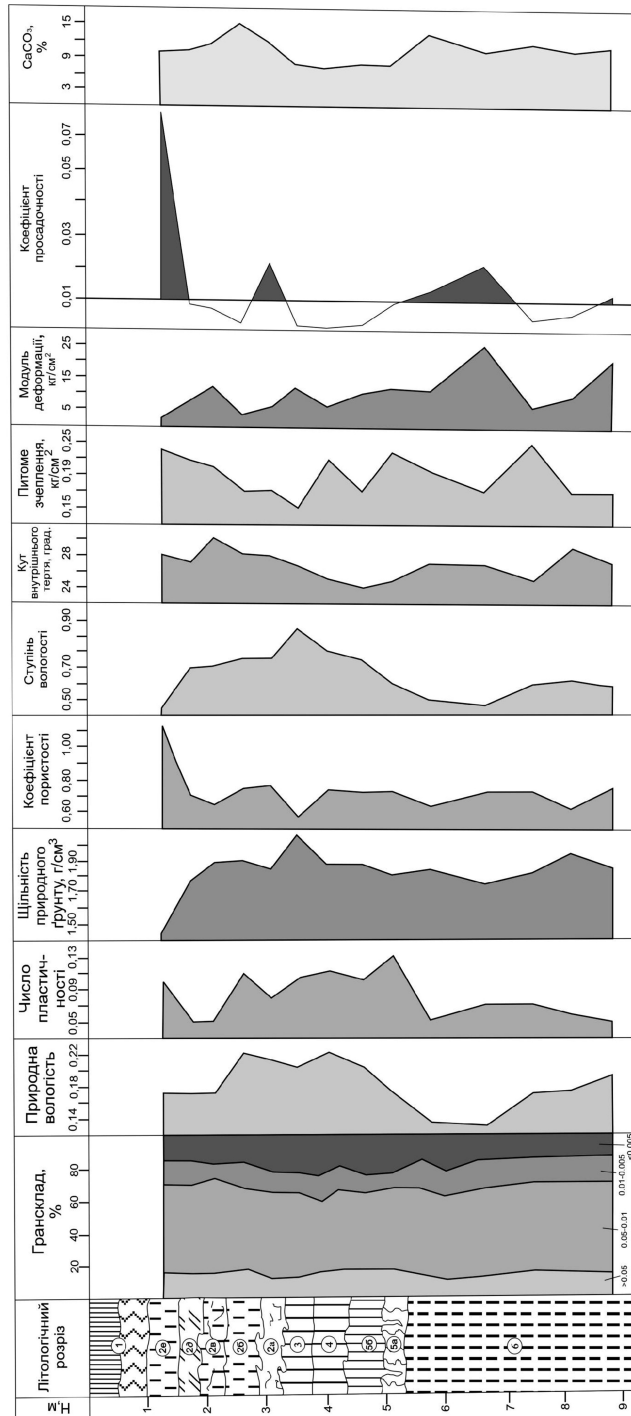
, [6].

(. .1).

(1)¹ - 0,0–1,0

¹
© ., 2012

[1, 2].

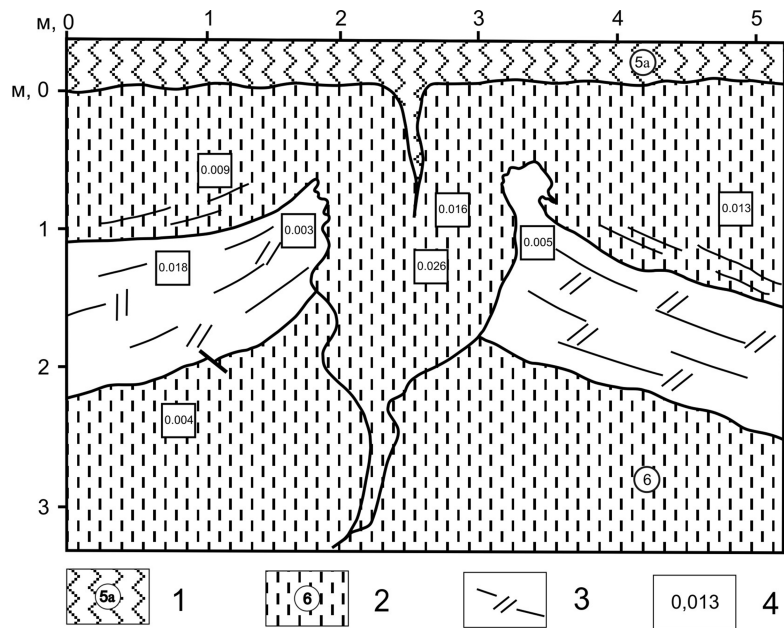


1. - ; 2- ; 3- ; 4- ; 5- ; 6- ; 7-

	0,5	-	
'	(0,5)	.	
,	(2)	.	-
,		0,5 .	
(10)	,	.	-
(1)	(0,5-0,7)	.	
2 -	,	.	- 1,0-1,5
.	,	,	-
(5)	,	.	-
,	- 1,0 .	,	-
.	(2)	,	- 1,5-1,9
,	(- 1,0 ,	-	-
2)	.	.	-
(5,0)	,	.	
.	(2)	.	- 1,9-2,3
(, - 1,5 , - 2)	.	.	-
,	,	.	-
,	3.	.	-
,	.	.	- 2,3-2,9
(2)	,	.	-
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,	(2)	.	- 2,9-3,3
,	± 0,2 .	.	-
- 0,1)	,	(-
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- 0,3 , - 0,2)	,	(-
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(3). - 3,3-3,8
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 0,3 .
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 (0,2-0,6) . (4). 3,8-4,0
 , - , 5,0 -
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) (-
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 “ ” , -
 . (5). 4,0-4,8
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 0,4 -
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 (2,0), (,
 15,0), (7,0).
 , -
 1,0
 (1-2 ,)
 , -
 (.2).



.2.
 : 1 - I ; 2 - ; 3 - ; 4 -
 0,3

2,5 ,
 - 1,2 .
) .
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3.	,	,	,	-
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2	,	,	(. .1).	-
15 %,	.	18 %.	(0,1-0,05)	6 -
37	54 %		(0,05-0,01)	-
			45 %.	-
			(< 0,001)	-
27 %.		16	24 %,	- 21 -
.	-	.	.	-
.	.	0,13	0,22.	-
0,22,	.	.	0,13 0,19.	0,17 -
.	.	.	.	(0,22) -
.	.	.	.	-
0,05-0,12;	-	.	.	-
0,08-0,13;	-	.	.	-
0,05-0,07.	-	.	.	-

1,47 2,07 / ³,

), (2,07 / ³) “ ”, 1,82-1,84 / ³

1,15 0,57

0 7%.

[3]. 24 30° (24°)

0,15 0,23 / ².

(17-50 / ²)

100 150 / ².

10-15 % 10-15 % 8 %,

(. . 2)

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(0,10-0,12), (0,36-0,44.

0,75),

, (53 %) -
 0,016-0,026 0,3 -
 , 2,5. -
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 0,67). , -
 1,8. -
 , , -
 10 %. (),
 , -
 , -
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1. . . . / . . . // : . . . - -
2. . . . V , 1990. - . 1. - . 65-66. , -
3. . . . // : . . . , - : -
4. . . . , 1998. - . 105-107. : . . . , - : -
5. . . . / . . . , . . . // - -
6. . . . , 1985. - . 111-120. // -
7. . . . , 1903. - . 5. - 142 . / . . . // -
8. . . . , 17-) / . . . // (. - 1914. -
9. . . . , 77. - 710 . / . . . , 2000. - 372 .
10. . . . / - : - , 1962. - 224 .

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 08.11.2011
 22.11.2011

**ENGINEERING-GEOLOGICAL CHARACTERISTICS OF THE LOESS-SOIL SERIES
ROCKS AT THE KEY PROFILE VANZHULIV (PODILLIA UPLAND)**

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In the section Vanzhuliv, the loess-soil series of the northern part of the Podillia Upland is exposed. In this section, the thickness of the Upper Pleistocene loess deposits is still relatively considerable, whereas the thickness of the Middle Pleistocene loess deposits increases.

The detailed description of the section and of the engineering-geological properties of all the distinguished horizons and sub-horizons is given. Besides that, the influence of the large-scale fossil permafrost structure on the properties of loess is described, basing on the example of the pseudomorphic structure of the Lanivtsi paleocriogenic stage.

Key words: loess, paleosoils, engineering-geological properties, subsidence, paleocriogenesis, Podillia.