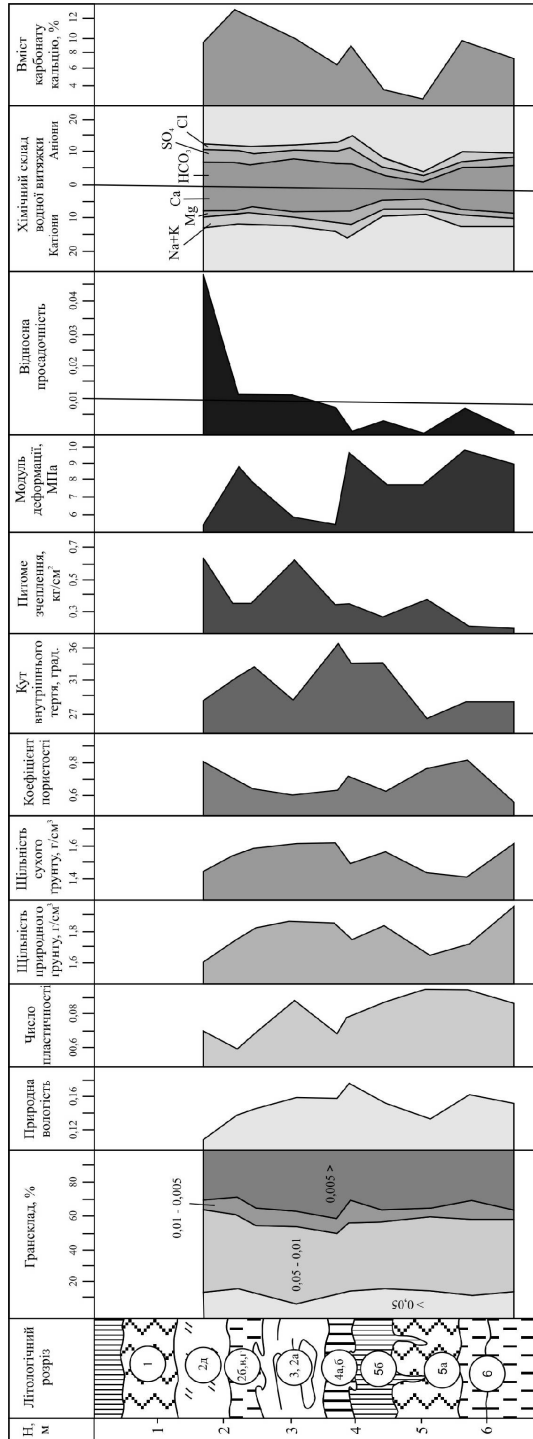


551.8+624.131.1

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- () (-
)
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- , -
, .
- , -
" , , - [4].
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) ,
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, ,
- (. .1).
(1)¹ - 0,0-1,3
0,4 -
, , HCl

1



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

0,2
HCl.
12
HCl.
0,6
HCl.
2
H.
(2) 1,3-2,6
(2) 0,8
3 (4)
1
10
1
-0,5
HCl
10
(2)

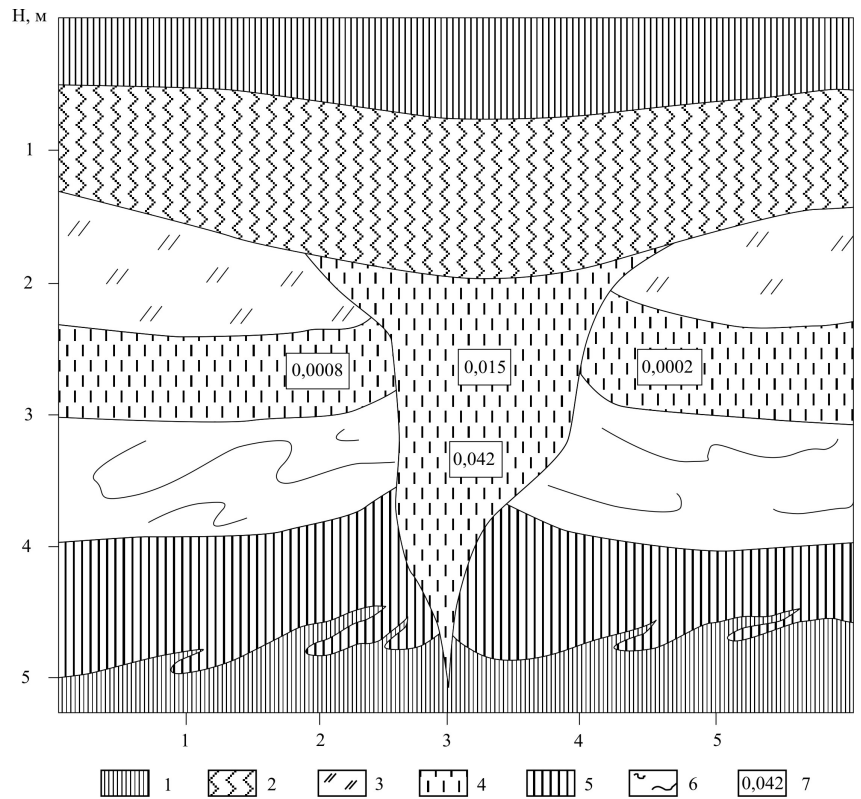
2,6–3,6
(,
– 3,2)
(2,6–3,1)
HCl.
3 .
– 0,7 .
(2).
(3,1–3,6)
0,2 0,5
(: 1)
(?) , HCl,
3 ; 2)
0,5 ;
HCl
()
3–4 .
(3)
3,1–3,6 .
0,4 (3,6–4,0) (4). 3,6–4,2
(4). HCl
– 2 .

(4,0-4,2) -
 4 , ,
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 0,5 ,
 (5). - 4,2-5,6
) (), (-
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 , , , 0,2 -
 , , , HCl
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 0,5 .
 , -
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 ” 0,1 -
 , , 1 , .
 ” 0,2 ,
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 HCl .
 / 0,1 -
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 1,5 (-
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 1,5-2,0 , -
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5	НCl.				-
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10			(60 %		-
		3			-
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		-			-
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(- 1,0–1,5			-
2					-
)		НCl,			-
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					6,8–8,8
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	”	0,4-0,5	.	-
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	-			-
				-
				[2]
	-			-

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 ... (.2).



.2.
 1 - ; 2 - ;
 3 - ; 4 - ; 5 - ; 6 - ;
 7 - 0,3

2

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,	-	, (0,1-0,05)	, (. . 1).	,				-
		12 %,						-
9,6 %,	14 %.							-
	17,4 %.		(0,05-0,01)					-
			43,1 54,2 %, 40 %.					-
48 %, 44 %.								-
(<0,005)	30,							-
	- 36 %,							- 38 %.
	(<0,001)							-
	- 16 %	26 %						0,11
0,18.								
	(0,18)							
,								:
	0,06-0,08	, 0,08-0,10.						, -
			1,62 1,89 / ³ ,					-
(1,62 / ³)	(2),							-
		(1,75 / ³)						-
	(1,84 / ³).	(1,89 / ³)						-
								-
	(1,46 / ³)						(2),	-

2

(1,63 / ³) – . -
 -
 -
 -0,708, 0,740, -0,638. -
 -
 (35°) , (29°) – . -
 -
 (31°) (0,633 / ²) (30°). -
 , (0,350 / ²) , -
 , , 0,446 0,417 / ². , -
) 4,5 , (-
 , 4,5 % , -
 - , -
 1,5 - / . -
 - , -
 , 10–14 % 3. , 3 6–9 %, -
 , 2–4 % , -
 - (. . 2) -
 - () : – -
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 0,77), , - 0,43–0,48. -
 , (54 %) -
 , . -

0,015–0,042
0,3
2,3.

0,72) (1,2.

12,0 0,70, –0,58. 8,0

1. . . . //
1986. – . 121–132.
2. - . . / . . . //
. 1. – . 65–66. . . V . . . , 1990. –
3. . . . / . . . ,
. . . . // . . . , 1998. – . 105–107.
4. . . . / . . . – : - . . . , 1962. –
224 .

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04.10.2012
12.11.2012
05.12.2012

**ENGINEERING-GEOLOGICAL CHARACTERISTIC OF THE ROCKS
OF THE LOESS-SOIL SERIES FROM THE KEY SECTION AT ZBARAZH
(PODILLIA UPLAND)**

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Detailed description of the loess-soil series from the key section at Zbarazh, situated on Chmelnytsky Upland, close to the Tovtry ridge, is given. The engineering-geological features of all the distinguished horizons and sub-horizons of the rocks were characterized, particularly subsidence of the rocks. It was proved that the formation of these features was influenced by palaeogeographic conditions of the deposition. In the Zbarazh key section traces of plastic (solifluction) and structural (pseudomorphs after polygonal-vein ice) paleocryogenic deformations were recognized. The section is a stratotype of the Zbarazh paleocryogenic event, which took place during the final stage of the Middle Pleistocene. Paleocryogenic deformations seriously influenced the features of the rocks of the loess-soil series.

Key words: loess-soil series, paleocryogenic deformation, engineering-geological features, key section.