

- : 1. / . . . ,
- .: , 1968. – 392 . 2. 1604388, k . 01 D 3/30 3. -
- - .: , 1981. –197 . 4. -
- ” : -
- . . . -5. – ., 1978. – 51 . 5. . . .
- . - .: . , 1988. – 271 .
6. . . . ,
- . // « ».- : « », 2000. 7. -
- / . . . - .: , 1988. – 44 .
8. u 2007 08025 ().

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. . . , . . . ,

. . . , . . . , “

” , . ,

. . . , . . . , « » , .

The results of phase compound and structure of MgO bush shlybernyh flagstones for continuous bottling steel were researched there. This data for increasing chemical and thermal staunchness were recommended.

-

-

-

()

[1].

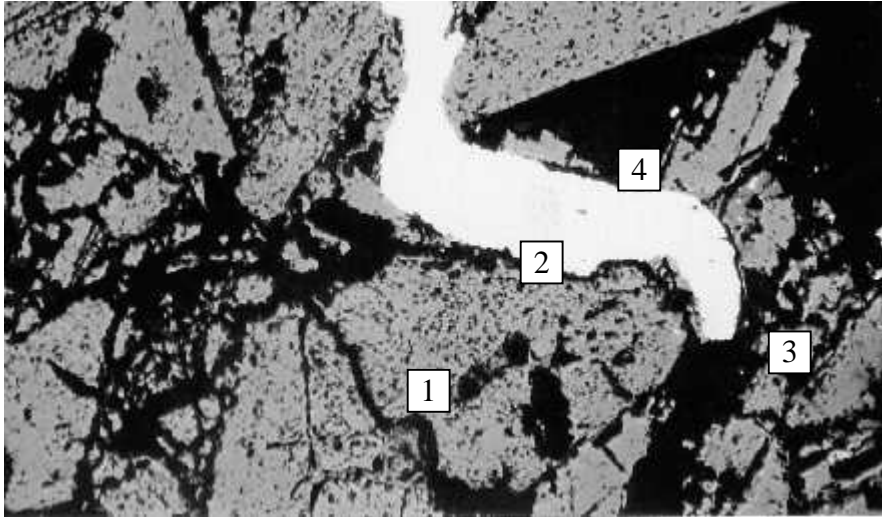
- 1.
- 2.

1500 – 1600 ° 15 – 30 °, 400 ° / [2,3].

250 ° / [4].

. 1

-



. 1.

-

, 1 -

, 2 -

, 3 -

, 4 -

.

, [5].

.

, ,

,

,

0,07 %

90 °.

-

[5].

-

Fe - Mg .

Fe , Mg Fe

-

,

-

(Mg, Fe) [6].

-

1600°

Fe

75%.

250 .

(. 2):

1.

;

2.

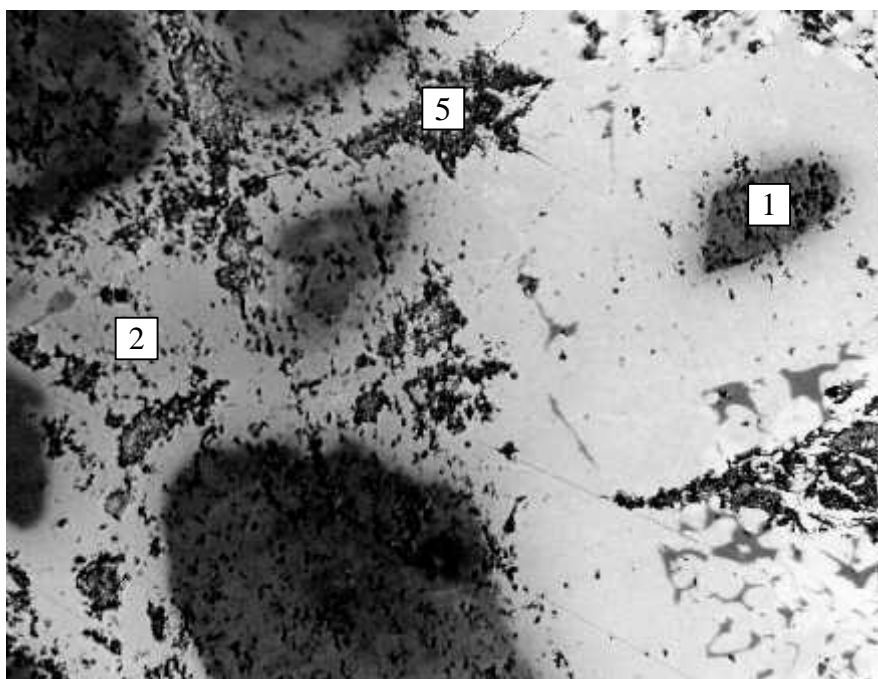
1- - 1 ÷ 3 , 2- - 0,5 ÷ 1,5 .

(Fe),

(Fe₃ 4)

(Fe₂ 3)

(. 2, . 3 - 3).



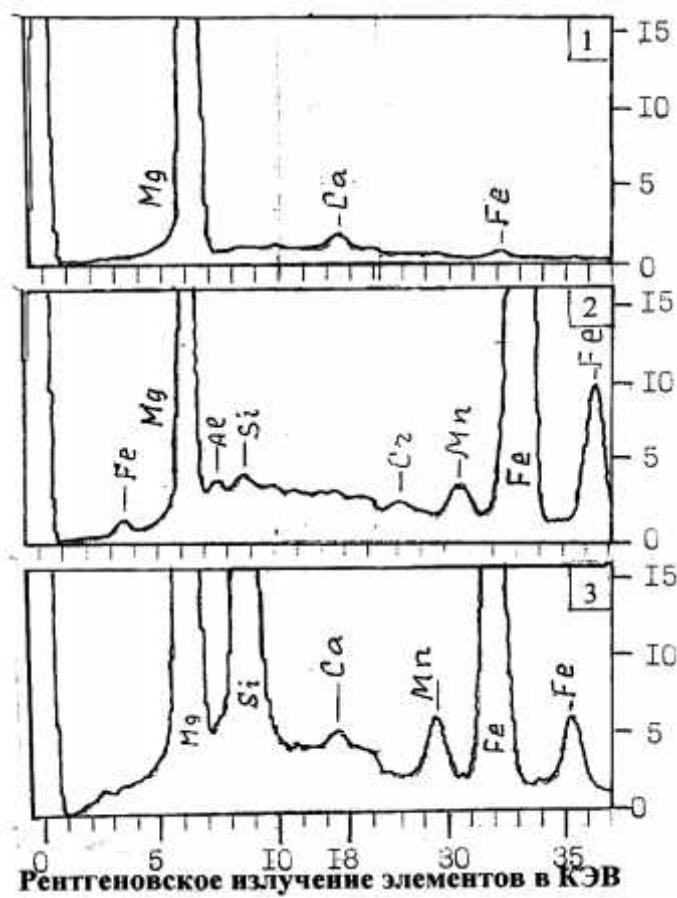
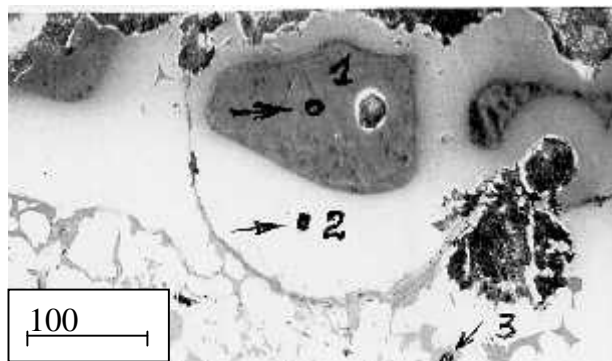
. 2.

1 - , 2 - , 3 - , 4 - , 5 - :

2 - ,

(. 2).

,
 , 7 %,
 [7],
 « »,
 (. 2).
 « »)
 (. 3).
 (1 . 3) ,
 (2 . 3)
 ;
 (3 . 3)
 ;
 , .%: SiO₂ – 41,4 ; MgO – 39,4; FeO – 15,7 ; MnO – 2,1 ; CaO – 1,4,
 – (– 1350 – 1400 °).
 , Mg²⁺
 Fe²⁺ c
 ()
 – SiO₂ 0,5 – 0,8 %.



.3.

1- ; 2- ; 3- .

[10].

1.

;

2.

MgO – FeO ()

– Si₂
(0,5 – 0,8 %).

()

:1.

//

– 2004. – 4.

- . 35 – 36. **2.** // . – 1978. – 2.
 - . 32 – 34. **3.**
 // . – 1981. – 7. – . 44 – 46. **4.**

 // . – 1990. – 10. – . 33 – 37. **5.**
 . – .: , 1991. – 480 . **6.**
 . – .: , 1970. – . 114, 121. **7.**

 // . – 1980. – 7. – . 35 – 40. **8.**
 . – .: , 1962. – . 121. **9.**
 // . – 2006. – 7. – . 79 – 81. **10.**

 // . – 1982. – 1. – . 26 – 29. **11.**
 //
 . – 1979. – 11. – . 24 – 30.

26.10.07

666.762

. , , , ,
 , , , « »

The development of the new and not mastered deposits of clays for use as raw material for different kinds of ceramics, including art ceramics, promotes the saving of scarce and high-quality fireproof clays of Ukraine. The use opportunity of new Oposhnya and Sumy clays for manufacturing of chamotte for ceramic art products of a complex configuration and building ceramics has been shown.