



«...» ().

40 7% (2) 1 .1), 23 82% [4].
 II-VIII (3), 4% 25% SiO₂ 23% 45%
 SiO₂[3].

(10¹⁹-10²³ .),
 (4,5 1) [5].

[6, 7].

25 6 60%.

240 [5, 8].

(III) ; (II),

4,0-1,9 (),

(IV);

(,),
 1,5-0,6 .

(V);

(VI);

* (VIII IX)

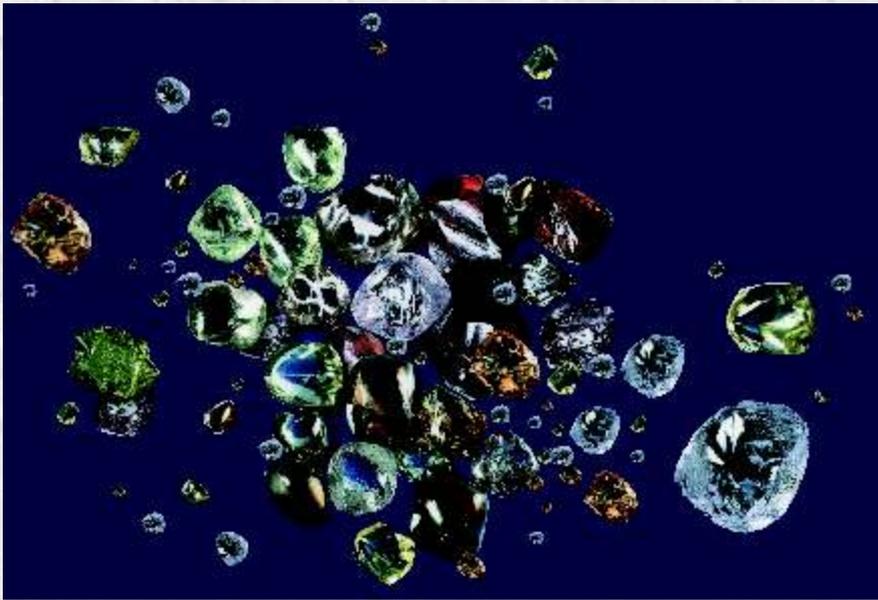
() (.2).
 (1,5 .)

V (VII);

(X) [3].

I.

(2000)



(70%)
 [1].
 (2, 4, 5)
 2)
 III,
 IV-V.

(10-) « »

()
 (. 2).

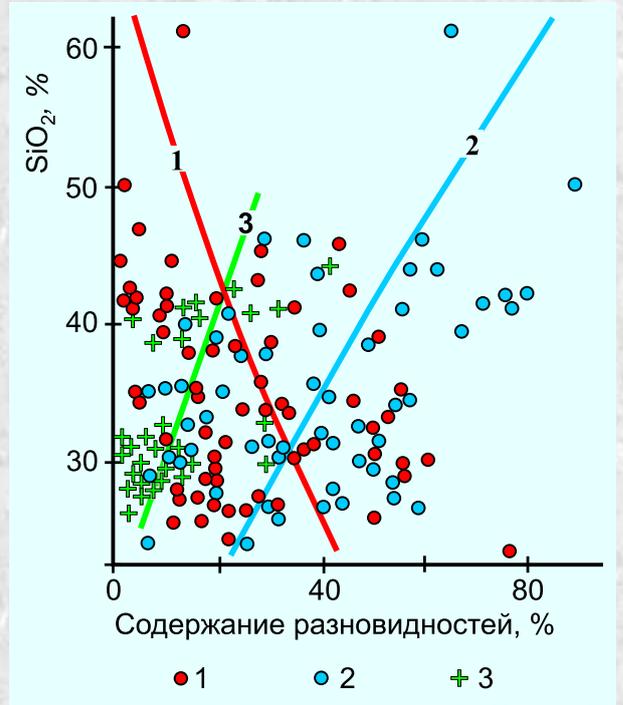
(2) ,

. 2).

(1

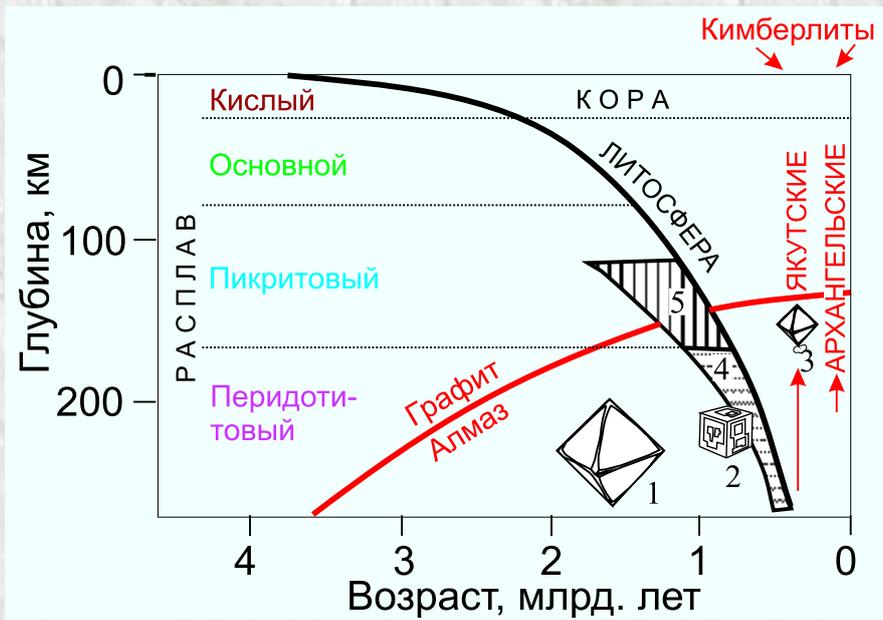
(. 1),

[4].



. 1.

(1),
 II-VIII (3), (2)
 [3].



. 2.

(3); II-VIII (2); (1); (4) (5)

(13
 -4,7‰
 (-5,93‰),
 (-14,7‰
 II)
 (-24,7‰) [10].
 13

VI-X.

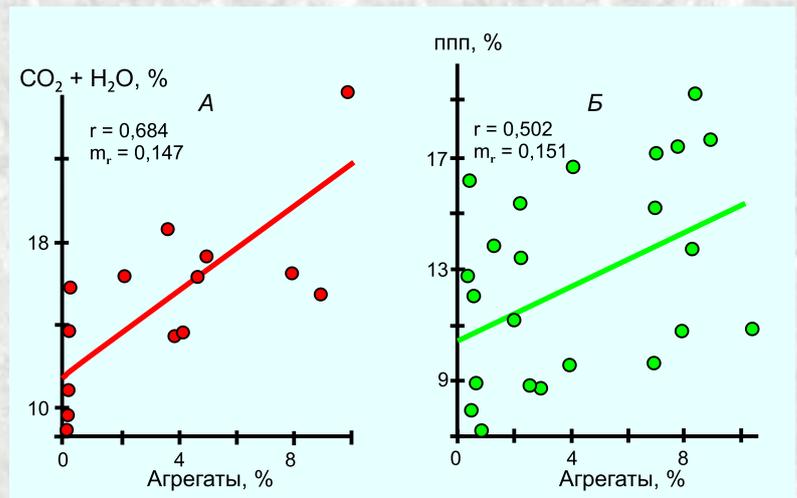
[5, 8].

[9].

[9]

(.3).

()



. 3.

(VI-VIII)

()

. r, m_r -

(, %) ()

(. . . 1),

. 2)

[2].

[5, 8].

[9].

(3

1. Zedgenizov D.A., Kagi H., Shatsky V.S., Sobolev N.V. Carbonatitic melts in cuboid diamonds from Udachnaya kimberlite pipe (Yakutia): evidence from vibrational spectroscopy // *Mineralogical Magazine*. – 2004. – V. 68 (1). – P. 61–73.
2. , 2000. – 264 .
3. , 1963. – 235 .
4. Shkodzinskiy V.S., Zaitsev A.I. Constraints on Diamond Genesis from the Study of Dependence of Diamond Properties on the composition of Kimberlites and Lamproites // *Russian Journal of Pacific Geology*. – 2007. – V. 1, 4. – P. 390–399.
5. , 1995. – 168 .
6. Wood J.A., Diskey J.S., Marnin V.B., Powel B.H. Lunar anorthosits and geophysical model of Moon // *Proc. Appolo XI Lunar Sci. Conf. Houston*. – 1970. – V. 1. – P. 965–989.
7. Hofmeister A.M. Effect of hadean terrestrial magma ocean on crust and mantle evolution // *J. Geophys. Res.* – 1983. – V. B88, 6. – P. 4963–4983.
8. , 2003. – 240 .
9. , 1994. – 88 .
10. , 2003. – 603 .