

**Erratum: Ultimate Metastable Solubility of Boron in Diamond:  
Synthesis of Superhard Diamondlike BC<sub>5</sub>  
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The acknowledgment to L. Dubrovinsky for microprobe analysis was an error. On page 2, the statement that “The 1:5 boron-to-carbon ratio has been additionally confirmed by electron energy loss spectroscopy (GIF2000, Gatan) and by electron microprobe analysis (Cameca SX-50, Camebax)” should read “The 1:5 boron-to-carbon ratio has been additionally confirmed by electron energy loss spectroscopy (GIF2000, Gatan) and by x-ray electron probe microanalysis (S400, Leica/PGT Spirit).”

In the caption of Fig. 1(b), the following remark should be added: “For clarity, the lines of rhenium from a gasket and lines of sodium chloride separating the sample from diamonds have been subtracted from the diffraction patterns.”

We also take an opportunity to add a missing sentence in the paragraph devoted to the electrical properties of *c*-BC<sub>5</sub> on page 4: “Recently, diamondlike BC<sub>5</sub> has been predicted to be metallic and superconducting with a  $T_c$  of 45 K [1].”

None of the results and conclusions in the Letter is affected by this negligence.

[1] M. Calandra and F. Mauri, Phys. Rev. Lett. **101**, 016401 (2008).