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**Are there still errors in the interpretation of data
for earth craters?**

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Ordinary chondrites are the most frequent projectiles causing impact craters [1]. In the last 500 My only both the Chicxulub and the Zhamanshin craters can fall from this trend in connection with their carbonaceous chondrite impactors. Such frequency of ordinary chondrites is paradox since this class is not main class in the asteroidal belt [2]. Probably, the reference of craters to astroblems according to the PGE/siderophiles concentrations in their melted rocks, could be unreliable because these elements are present in the earth core/mantle [3]. The best confirmation for this conclusion are the Clearwater East and Clearwater West craters (Quebec, Canada). By consensus, their impacts separated by ~ 180 My in time [4]. However, Clearwater West lacks an impactor signature [5]. Therefore, most likely, their random location side by side is improbable and both craters have the endogenic origin as a result of the explosive elevation of the common shield.

[1] Koeberl, C. (2014) Treatise on geochemistry 2, 73. [2] Meibom, A. & Clark, B. (1999) MPS 34, 7. [3] Tkalcic, H. & Pham, T. (2018) Science 362, 6412. [4] Schmieder, M. et al. (2015) GCA 148, 304. [5] Daly, R. et al. (2018) GCA 235, 262.

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