BUSTA N. 1

Argomento 1
I principali minerali della crosta terrestre: i feldspati

Argomento 2
Le rocce ultramafiche

Argomento 3
La diffrazione a raggi X da polvere e la spettroscopia microRaman

Testo da leggere e tradurre

Diamonds are the deepest terrestrial materials that reach the Earth's surface after a very long and complex travel through our Planet. In detail, these pure-carbon minerals might be formed at very variable depths in the mantle from about 120–250 km, so-called "lithospheric diamonds" or from about 300–1000 or more km, so-called "super-deep diamonds". Both lithospheric and super-deep diamonds can transport minerals and/or fluid inclusions within them, which are real "fragments of deep Earth" allowing geologists to better understand how the Earth works at those great depths. Although super-deep diamonds only represent about 6% of the global diamond population, such special objects are extremely intriguing as they form at depths potentially even 1000 km in the mantle, opening new scenarios on what we knew about the interior of the Earth.

BUSTA N. 2

Argomento 1
Ambiente di formazione delle eclogiti

Argomento 2
I principali motivi strutturali del Veneto

Argomento 3
Minerali di utilizzo nell'industria. Qualche esempio.

Testo da leggere e tradurre

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