

The deposit is located in a brook valley 15 km to the south from the city of Rakhov, Transcarpathian region of Ukraine. The railway station is 5 km nearby.

The series of Jurassic beds plunging at high angles (70—85%) under the hillside is overlain by the Quaternary loam strata 0.4-4.0 m thick.

Commercial mineral, a marmorized limestone, is represented by a) light greyish — green massive, b) slaty banded coarse-tabulated, c) conglomerate-like and brecciated, d) thin-tabulated varieties. The bed thickness varies from 1 to 100 m, at places even more.

The massive, banded conglomerate-like and brecciated limestones fit for producing facing slabs and two kinds of blocks sized 4.5 to 6.0 m<sup>3</sup> and 2.0 to 4.5 m<sup>3</sup>. The output of blocks is variable from 12.7 to 14.3% and from 4.5 to 5.7%, respectively.

The limestone has a high decorative quality, is easy-machining and polishing.

The limestone compression strength ranges between 60.2 and 136.0 MPa, frost resistance equals 50.

The block waste and weathered limestone are useful for producing decorative broken rock and thin-tabulated limestone as a building material.

The estimated reserves are about 4.45 mill, cubic meters of limestone including 3.5 **mill, cubic** meters of block limestone. Geological reserves of weathered limestone are 0.1 **mill, cubic** meters. Inferred reserves of massive limestone are 3.38 **mill, m<sup>3</sup>** including 0.21 mill m<sup>3</sup> of block limestone. Inferred reserves of weathered limestone are 0.12 mill m<sup>3</sup>.

Increase of reserves is quite possible.

Rock quarrying faces no problem. Productive beds contain no water flows.

Exploitation of the deposit will not disturb the ecology of an area.

Natural radioactivity of limestone allows its wide utilization in all types of building.

High quality of the limestone large, reserves, easy rock quarrying, favorable location and market requirements account for the success of joint venture.

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