

## **The prospects of development of Northeast of Russia colored stones raw base**

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Northeast gem stone province is included the regions of Magadan , Kamchatka and part of Yakutiya. 270 objects of colored stone mineralization have been revealed in this area. More then 50% of them belong to colored stones of silica group, connected with volcanic, volcanogenic sedimentary formations of mezo-cainozoic age and are believed to hydrothermal post volcanic genetic type. The objects have been discovered both in loose and original bedding. The only deposit and a number of perspective agate manifestations in Kamchatka are believed to dinamic class of placer. Cambay stone have been discovered either in contemporary sea beach deposits and alluvial placers or in cavity of liparite spheruloide. There is associated amethyst mineralization in agate and chalcedony manifestation which doesn't have commercial application. The exception of the rule is Kedon deposit with marginal reserves of precious amethyst. Only the objects with demantoid mineralization and the deposits of ornamental jade in ultrabasic formations of Northeast province have industrial value. Discovered in Yakutiya nephrite have been estimated generally as an ornamental stone therefore it is not applied in stone saw industry. Great number of manifestations of the other colored stones have been discovered in the territory of province , but the prospects of application are not clear because of insufficient exploration of the object. The increase of agate, cambay stone, opal and jasper reserves may well be observed in connection with expansive development of rocks of volcanogenic and volcanogenic sedimentary complexes in the territory of Northeast province.