

К СРАВНИТЕЛЬНОЙ ПЕТРОЛОГИИ ИНТРУЗИВОВ
**COMPARATIVE PETROLOGY OF INTRUSIONS IN THE NORTHERN AND
SOUTHERN ZONES OF THE KAMCHATKA NICKEL-BEARING PROVINCE**

O.B. Selyangin

*Research Geotechnological Centre, Far Eastern Branch of Russian Academy of Sciences,
Petropavlovsk-Kamchatsky, 683002*

The paper represents the first part of geologic-petrological study of intrusions in the nickel-bearing cortlandite-orthopyroxenite-gabbro-norite formation of the Sredinny-Kamchatsky metamorphic massif. It provides composition, inner structure, and structural position of intrusions composed of layered cumulates of high-Mg boninite-like «wet» magma. Major petrogenic factors are discussed.

Keywords: nickel-bearing magma, intrusions, cumulates, fractionation, metamagmatism.