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TITLE: Offshore Aggregates Resources on the Northern Continental Shelf of the East China Sea

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ABSTRACT:

Abstract A large-scale survey for offshore aggregates is carried out on the northern shelf of the East China Sea. Results show that most of them are directly exposed in the Yangtze Shoal and the linear sand ridges system at water depths 25–55 m and 60–120 m, respectively. The components of these deposits belong to fine aggregates in terms of the fineness modulus. The potential resources are as high as  $147.8 \times 10^{12}$  kg for the Yangtze Shoal yet only  $36.68 \times 10^{12}$  kg for the sand ridges area, respectively. A preliminary feasibility analysis suggests that the Yangtze Shoal is suitable for dredging under the present conditions of technology and economy.

SOURCE: Resource geology

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