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Studies on natural radioactivity in shore sediments of Swakopmund beach, Erongo region, Namibia

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Abstract
The study deals with investigation of natural radioactivity in shore sediments of Swakopmund beach. The measurements were done using a high purity germanium detector (HPGe). The results obtained were compared with those of similar studies. The absorbed dose rate, annual effective dose rate, radiological hazard radium-equivalent activity, external and internal indices and excess life time cancer risk were evaluated and compared with internationally recommended values.
Keyword: HPGe detector, radioactivity, shore sediment, Swakopmund

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