

















-uranium concentrations were higher than expected from test results of selected samples \rightarrow generally two TEVA® separations are needed for reducing uranium concentration to acceptable level

 \rightarrow these factors together with 235Np-tracer decay while solving the problems caused loss of many samples

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Activity concentration of ²³⁷Np and fraction of Chemobylderived ²³⁷Np (%) of total ²³⁷Np in peat samples in Finland.

Peat bog	Location	A Np (mBq/kg)	Np/total Np (%)	activity ratio
21 Löyniönsuo, Hankasalmi	62.2 °N, 26.3 °E	0.73±0.02	0.5	0,00255±0,00011
11 Viherperä, Kankaanpää	61.7 °N, 22.8 °E	0.48±0.01	13.3	0,00145±0,00009
95 Korpisalonneva, Vimpeli	63.1 °N, 24 °E	1.97±0.04	0.6	0,00286±0,00010
144 Kulvesuo, Rautavaara	63.5 °N, 27.6 °E	3.37±0.08	5.4	0,00211±0,00040
148 Kumpusensuo, Pielavesi	63 °N, 26.8 °E	3.84±0.08	2.3	0,00263±0,00012
99 Korvaneva, Jalasjärvi	62.3 °N, 22.9 °E	1.81±0.04	4.6	0,00226±0,00010





