

Table 17.- Fraction of activity assumed to be removed from solution by adsorption on land-surface materials, Project Chariot

Basin or area		Ogotoruk Creek	Nuscaruk Creek	Minor basins, Ogotoruk Creek to Cape Seppings	Kukpuk River above Ipewik River	Minor basins, Cape Seppings to Kivalina River	Ipewik River	Kivalina River	Pitmegea River	Wulik River	Kukpowruk River	Noatak River ^{1/}	Minor basins, Pitmegea River to Kukpowruk River	Outlying areas ^{1/}
Number on Plate 1		0	1	2	3	4	5	6	7	8	9	10	11	...
Nuclide	M_1 / M_s ratio													
Sr ⁹⁰	1	0.9765	0.9703	0.9790	0.9844	0.9882	0.9858	0.9872	0.9881	0.9825	0.9810	.9858	0.9905	0.9858
	100	.8183	.7769	.8351	.8722	.8987	.8820	.8921	.8974	.8593	.8487	.8823	.9144	.8823
	1,000	.0628	.0500	.0708	.0861	.0971	.0897	.0955	.0957	.0793	.0751	.0898	.1033	.0898
I ¹³¹	1	.6887	.5575	.7308	.8332	.9057	.8618	.8829	.9056	.8032	.7733	.8628	.9502	.8628
	100	.4418	.2968	.4894	.6041	.6854	.6360	.6604	.6849	.5698	.5365	.6367	.7351	.6367
	1,000	.0167	.0108	.0188	.0236	.0271	.0249	.0261	.0270	.0221	.0207	.0249	.0292	.0249
Cs ¹³⁷	1	.9877	.9828	.9885	.9912	.9931	.9921	.9921	.9933	.9909	.9900	.9921	.9943	.9921
	100	.8972	.8576	.9024	.9230	.9374	.9300	.9292	.9399	.9214	.9148	.9304	.9471	.9304
	1,000	.3327	.1777	.2876	.2792	.2701	.2925	.2271	.3029	.3381	.3328	.2950	.2768	.2950
Other	1	.9913	.9884	.9921	.9942	.9957	.9948	.9952	.9958	.9936	.9930	.9948	.9966	.9948
	100	.9222	.8978	.9293	.9473	.9600	.9524	.9557	.9603	.9424	.9371	.9526	.9679	.9526
	1,000	.1753	.1289	.1850	.2140	.2345	.2230	.2255	.2362	.2086	.1997	.2235	.2477	.2235

^{1/} Interpolated mean values, basin-wide.