TABLE II

CANADIAN RADIOACTIVE MINERALS

NAME	COMPOSITION	% U_3O_8	% ThO_2	OCCURRENCE[1]	NUMBER OF PROPERTIES[2]	
						?
Allanite	Silicate of rare earths and thorium		1-3	P	32	5
Autunite	Hydrous phosphate of uranium and calcium	60		S		1
Becquerelite	Hydrous oxide of uranium			S	1	
Carnotite	Hydrous vanadate of uranium and potassium	50-55		S	1	
Cuprosklodowskite	Hydrous silicate of copper and uranium	65		S	1	
Curite	Hydrous oxide of uranium and lead			S	1	
Cyrtolite	Zirconium silicate with uranium	up to 1.5	less than 1	P	10	2
Euxenite-polycrase s.	Titano-tantalo-columbate of rare earths, uranium, etc.	up to 20	0 - 5	P	20	6
Lyndochite[3]	High in calcium and thorium, low in uranium			P	2	
Fergusonite	Columbate of rare earths	up to 8		P	8	1
Gadolinite	Silicate of rare earths, thorium, etc.		up to .9	P	1	
Gummite	Hydrous silico-uranate of lead, calcium, etc.	40-80	0-25	S	27	
Kasolite	Hydrous silicate of lead and uranium	49		S	1	
Liebigite	Hydrous carbonate of calcium and uranium			S		
Monazite	Phosphate of rare earths and thorium		2-15	P	18	3
Pyrochlore-microlite s.	Titano-columbate of calcium, rare earths, uranium, etc.	up to 20	0-5	P	3	
Ellsworthite	High in uranium			P	4	3
Hatchettolite	High in uranium			P	1	1
Samarskite	Tantalo-columbate of uranium, rare earths, etc.	9-18	0-4	P	2	
Calciosamarskite	With calcium			P	2	1
Thorianite	Thorium dioxide		38-93	P		1
Thorite	Hydrous silicate of thorium	0-22	50-90	P	4	
Thucholite	Hydrocarbon with uranium, etc.	2-8	10-12	V & P	8	1
Toddite	Tantalo-columbate of iron uranium, etc.	11	0.47	P		1
Torbernite	Hydrous phosphate of uranium and copper	60		S	1	1
Uraconite	Hydrous sulphate of uranium, copper and calcium			S	1	
Uraniferous opal		variable		V	1	
Uranophane	Silicate of calcium and uranium	67	0 - 3	P		
Uranothorite	Silicate of thorium and uranium	up to 20	40-60	P	9	7
Uranothorianite	Thorium oxide, with some uranium	variable		P		1
Uraninite	Uranium oxide	65-85	2-14	P	40	15
Pitchblende	Uranium oxide	50-80	less than 1	V	67	34
Zeunerite	Hydrous arsenate of copper and uranium	56		S	1	
Zippeite	Hydrous uranium sulphate	up to 68		S	2	

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[1]Refers to the type of deposit in which the mineral is found. P = pegmatitic type; S = secondary type; V = vein type

[2]The number of properties from which a particular mineral has been reported is listed here. Many properties contain several occurrences, but only one is counted for each property. The first column lists definite identifications, and the column headed by "?" lists doubtful identifications.

[3]Names indented are those of varieties of the preceding species.

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