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Ice Complex formation on Bol'shoy Lyakhovsky Island (New Siberian Archipelago, East Siberian Arctic) since about 200 ka

Supplementary Table 2 Specific activities of radioisotopes (dpm g^{-1}, decay per minute per gram) and activity ratios in samples L14-10 (10 subsamples) and L14-11 (12 subsamples) of the Yukagir IC peat prepared by L/L and TSD techniques. The eight best-fit sub-samples from each technique used in the age determination are highlighted in bold.

Lab №	Ash [%]	^{238}U [dpm g^{-1}]	^{234}U [dpm g^{-1}]	^{230}Th [dpm g^{-1}]	^{232}Th [dpm g^{-1}]	$\frac{^{230}Th}{^{234}U}$	$\frac{^{234}U}{^{238}U}$	$\frac{^{230}Th}{^{232}Th}$	$\frac{^{234}U}{^{232}Th}$
L14-10 (L/L-technique)									
1149	**70**	**0.6184 ±0.0184**	**0.7660 ±0.0211**	**0.7104 ±0.0242**	**0.6467 ±0.0228**	**0.9274 ±0.0406**	**1.2387 ±0.0434**	**1.0985 ±0.0440**	**1.1845 ±0.0529**
1150	**60.3**	**0.6900 ±0.0200**	**0.8629 ±0.0232**	**0.7439 ±0.0267**	**0.5283 ±0.0210**	**0.8622 ±0.0387**	**1.2505 ±0.0401**	**1.4083 ±0.0579**	**1.6334 ±0.0784**
1151	**64.1**	**0.6839 ±0.0185**	**0.8526 ±0.0215**	**0.7885 ±0.0262**	**0.5800 ±0.0207**	**0.9247 ±0.0386**	**1.2467 ±0.0374**	**1.3595 ±0.0458**	**1.4702 ±0.0643**
1152	**56.9**	**0.7708 ±0.0265**	**0.9194 ±0.0297**	**0.8503 ±0.0273**	**0.5265± ±0.0195**	**0.9249 ±0.0422**	**1.1927 ±0.0480**	**1.6150 ±0.0611**	**1.7461 ±0.0858**
1153	62.4	0.5936 ±0.0195	0.6976 ±0.0217	0.7252 ±0.0303	0.5753± ±0.0252	1.0397 ±0.0542	1.1751 ±0.0449	1.2605 ±0.0483	1.2124 ±0.0651
L14-10 (TSD-technique)									
1149t	**70**	**1.3329 ±0.0440**	**1.4802 ±0.0474**	**1.4376 ±0.0515**	**1.6784 ±0.0579**	**0.9712 ±0.0467**	**1.1105 ±0.0410**	**0.8566 ±0.0299**	**0.8819 ±0.0415**
1150t	**60.3**	**1.2995 ±0.0413**	**1.3911 ±0.0432**	**1.3388 ±0.0419**	**1.2972 ±0.0409**	**0.9624 ±0.0424**	**1.0705 ±0.0375**	**1.0321 ±0.0321**	**1.0724 ±0.0475**
1151t	**64.1**	**1.4817 ±0.0489**	**1.5590 ±0.0506**	**1.5006 ±0.0493**	**1.6088 ±0.0519**	**0.9625 ±0.0445**	**1.0522 ±0.0386**	**0.9327 ±0.0297**	**0.9691 ±0.0444**
1152t	**56.9**	**1.3103 ±0.0400**	**1.5363 ±0.0447**	**1.4095 ±0.0446**	**1.2503 ±0.0407**	**0.9175 ±0.0394**	**1.1724 ±0.0381**	**1.1274 ±0.0354**	**1.2287 ±0.0537**
1153t	62.4	1.3893 ±0.0409	1.4727 ±0.0426	1.3216 ±0.0508	1.4130 ±0.0534	0.8974 ±0.0432	1.0600 ±0.0344	0.9353 ±0.0363	1.0423 ±0.0496
L14-11 (L/L-technique)									
1134	**55.3**	**0.6607 ±0.0236**	**0.7976 ±0.0267**	**0.6794 ±0.0261**	**0.4748 ±0.0204**	**0.8518 ±0.0434**	**1.2071 ±0.0503**	**1.4310 ±0.0658**	**1.6800 ±0.0915**
1135	59.5	0.6850 ±0.0234	0.8794 ±0.0276	0.7298 ±0.0257	0.5235 ±0.0201	0.8299 ±0.0392	1.2837 ±0.0495	1.3940 ±0.0527	1.6798 ±0.0834
1136	73.3	0.6248 ±0.0221	0.7992 ±0.0257	0.7154 ±0.0278	0.6700 ±0.0266	0.8951 ±0.0452	1.2793 ±0.0534	1.0678 ±0.0467	1.1929 ±0.0609
1138	**63.3**	**0.6140 ±0.0208**	**0.7587 ±0.0238**	**0.7039 ±0.0262**	**0.5406 ±0.0216**	**0.9278 ±0.0451**	**1.2356 ±0.0480**	**1.3020 ±0.0513**	**1.4033 ±0.0712**
1184	**60.0**	**0.5714 ±0.0205**	**0.6623 ±0.0227**	**0.6230 ±0.0288**	**0.5981 ±0.0278**	**0.9406 ±0.0541**	**1.1591 ±0.0473**	**1.0415 ±0.0423**	**1.1074 ±0.0639**
1185	**56.1**	**0.9583 ±0.0252**	**1.1779 ±0.0294**	**1.0525 ±0.0430**	**0.5392 ±0.0242**	**0.8935 ±0.0428**	**1.2292 ±0.0315**	**1.9521 ±0.0640**	**2.1847 ±0.1123**
L14-11 (TSD-technique)									
1134t	**55.3**	**1.2683 ±0.0379**	**1.4043 ±0.0408**	**1.2759 ±0.0543**	**1.1844 ±0.0513**	**0.9085 ±0.0468**	**1.1072 ±0.0359**	**1.0773 ±0.0471**	**1.1857 ±0.0618**
1135t	59.5	1.4498 ±0.0476	1.5651 ±0.0502	1.3720 ±0.0467	1.4664 ±0.0491	0.8766 ±0.0410	1.0795 ±0.0388	0.9356 ±0.0311	1.0674 ±0.0495
1136t	73.3	1.5535 ±0.0458	1.6338 ±0.0474	1.4055 ±0.0469	1.5621 ±0.0507	0.8603 ±0.0380	1.0516 ±0.0342	0.8998 ±0.0300	1.0459 ±0.0455
1138t	**63.3**	**1.4594 ±0.0446**	**1.5606 ±0.0467**	**1.4724 ±0.0506**	**1.5417 ±0.0524**	**0.9435 ±0.0430**	**1.0693 ±0.0360**	**0.9551 ±0.0323**	**1.0123 ±0.0458**
1184t	**60.0**	**1.2190 ±0.0435**	**1.2963 ±0.0455**	**1.2304 ±0.0520**	**1.2979 ±0.0542**	**0.9492 ±0.0521**	**1.0634 ±0.0404**	**0.9480 ±0.0356**	**0.9987 ±0.0545**
1185t	**56.1**	**1.5649 ±0.0465**	**1.6865 ±0.0493**	**1.6157 ±0.0518**	**1.2581 ±0.0421**	**0.9580 ±0.0415**	**1.0777 ±0.0311**	**1.2842 ±0.0349**	**1.3405 ±0.0595**