



Figure S1: VPC1 Core site, looking South. Summit of Lockie's table in the background.

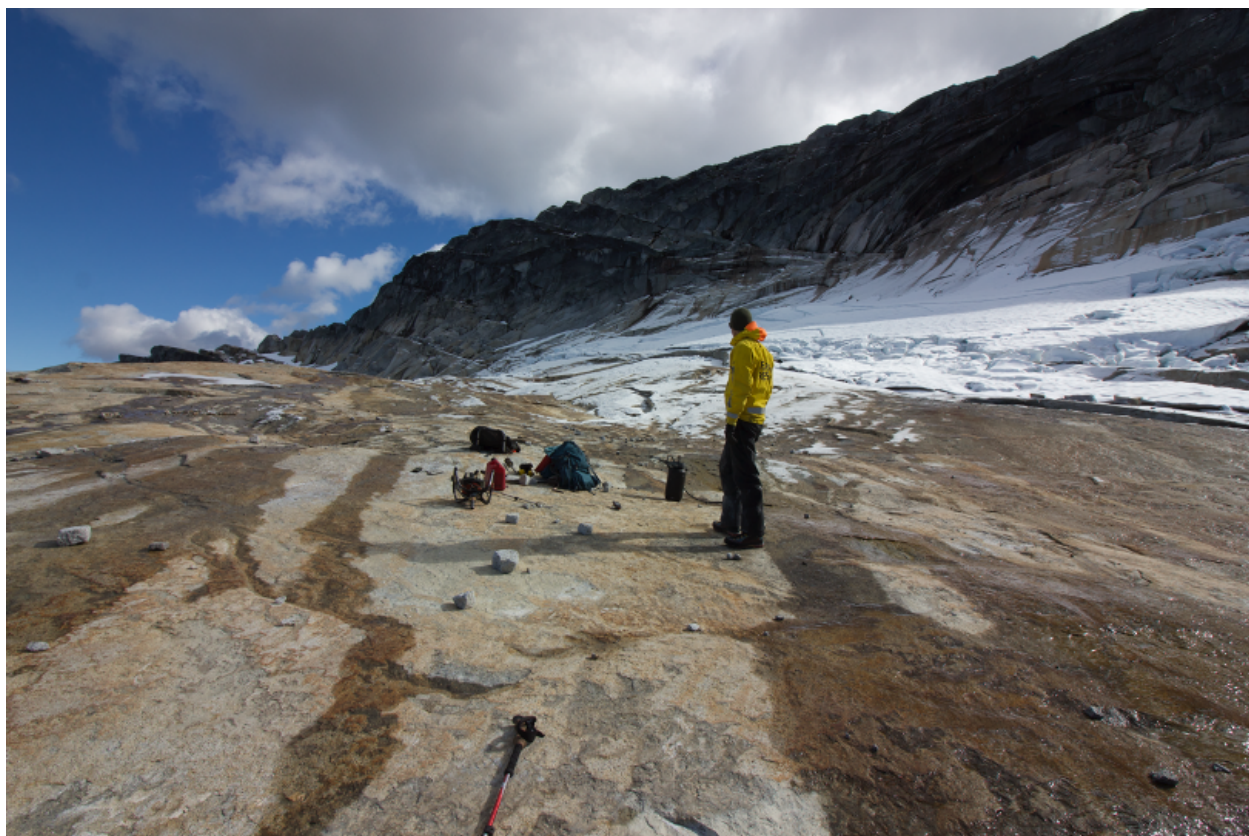


Figure S2: Sampling location at 17-VPC2 with remnant ice of informally named Lockie's Glacier in the background.



Figure S3: VPC3 Core site. Core collected on bedrock surface next to cobble under author's knee in photo, between trekking poles indicating paleoflow direction (right to left in photo) of Lockie's Glacier.



Figure S4: Sampling location of 17-VPC4. Note the cirque headwall of Lockie's Table at the top of the image and a portion of the left lateral moraine in the top right corner of the image.



Figure S5: 17-VP-07 erratic boulder.



Figure S6: Example boulder (17-VP-04) on the late Holocene moraine deposited by Lockie's Glacier. Note the boulder sits atop a blocky, bouldery moraine draped over bedrock.

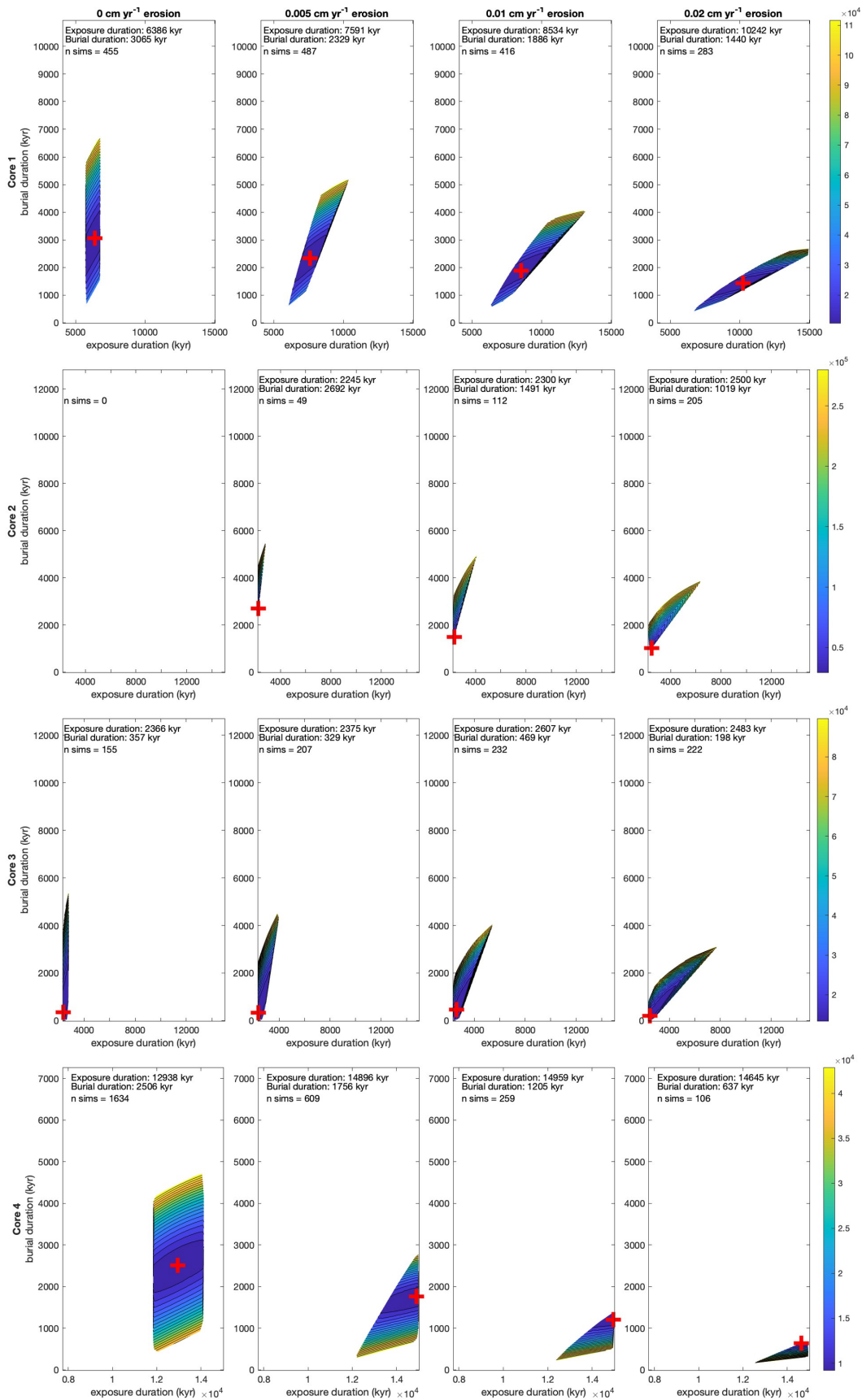


Figure S7: Monte Carlo modelling results assuming 3 kyr of inherited ^{10}Be . See main text for additional modelling details.