40Ar/39Ar Data Repository for Refinement of the late Pleistocene to Holocene geologic history of Erebus volcano, Antarctica using 40Ar/39Ar and 36Cl age determinations

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Plus research associates, graduate students, and undergraduate assistants.
Table 1. 40Ar/39Ar analytical data.

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<th>ID</th>
<th>Power (Watts)</th>
<th>(40^{Ar}/39^{Ar})</th>
<th>(36^{Ar}/39^{Ar})</th>
<th>(40^{Ar}/38^{Ar})</th>
<th>(40^{Ar}/36^{Ar})</th>
<th>(K/Ar)</th>
<th>CI/(K^{Ar})</th>
<th>(40^{Ar}) ((x-10^3))</th>
<th>(40^{Ar}) ((x-10^3) mol)</th>
<th>Age (Ma)</th>
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Integrated age ± 2s

n=7

88.2 ± 2.4

0.000

0.000

0.000

Plateau 2 ±s

steps B-E

n=4

MSWD=1.70

80.6 ± 2.4 ± 0.2

91.4 ± 0.028 ± 0.007

Isochron 2 ±s

steps B-E

n=4

MSWD=4.03

293.7 ± 20.3

0.030 ± 0.014

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Bomb (Laser), Anorthoclase, J=0.0001183±0.25%, D=1.0055±0.001, NM-1800, Lab#55348-01

Table 1. 40Ar/39Ar analytical data.