Sample	GPS Coordinates	Type	Direction (°) / depth (m)	Method	Plateau/ mini-plateau* age (Ma, ±2s)	Total ^{39}Ar released (%)	Isochron age (Ma, ±2s)	Steps (°c)/ steps n°	^{40}Ar/^{36}Ar intercept (±1s)	MSWD	Integrated age (Ma, ±2s)
	ODS										
Bo19	21° 16' 674S 27° 30' 318E	Dyke	?	Furnace	**180.5 ± 1.0***	60.0	*180.6 ± 1.7*	850-1200	*294.6±18.9*	*0.9*	*202.2 ± 0.8*
Bot0019	22°07'661S 28°08'583E	Dyke	?	Furnace	**179.8 ± 0.7***	37.5	*179.4 ± 1.0*	800-990; 1100	*305.0±6.4*	*1.0*	*185.8 ± 0.4*
Z1	22°04'290S 29°39'305E	Dyke	N110	Laser (I)	**180.0 ± 1.0**	92.9	*179.7 ± 2.8*	3-12	*320.9±60.7*	*0.8*	*180.8 ± 1.1*
Bo52	20°30'900S 22°47'985E	Dyke?	N90-140?	Furnace	**180.0 ± 1.7****	54.5	*158.4 ± 72.7*	1000-1200	*925.7±317.03*	*580.9*	*220.1 ± 1.5*
	SLDS										
Bo48	22°06'766S 28°24'704E	Dyke	N70	Furnace	**180.4 ± 0.7**	97.1	*180.2 ± 1.1*	750-1550	*313.5±25.0*	*1.7*	*180.5 ± 0.4*
	Northern Botswana										
Bo16	18°30'643S 24°07'945E	Flow?	?	Furnace	**178.3 ± 0.9**	98.4	*177.4 ± 1.4*	750-1550	*332.9±28.1*	*0.4*	*177.1 ± 1.5*
Bo6	18°36'356S 25°37'947E	Dyke	?	Furnace	**180.6 ± 0.7**	96.3	*180.7 ± 0.8*	800-1400	*273.6±17*	*3.4*	*180.8 ± 0.4*
Bo5	18°37'169S 25°37'939E	Dyke	?	Furnace	**180.0 ± 0.7**	89.4	*175.5 ± 3.4*	800-1400	*1051.1±581.3*	*2.0*	*180.3 ± 0.3*
	Tuli basin										
Bot0016	21°51'326S 28°49'283E	Flow	-	Laser	177.4 ± 4.2	92.7	*178.3 ± 8.6*	1-7	*282.2±125.2*	*0.8*	*178.5 ± 4.2*
Bot0013	21°51'514E 28°36'163S	Flow	-	Laser	**175.6 ± 2.0**	100.0	*175.0 ± 5.3*	2-7	*310.88±26.1*	*1.6*	*175.9 ± 2.0*
Bot0012	21°54'614S 28°27'986E	Flow	-	Laser	**179.6 ± 1.0**	98.5	*179.2 ± 4.1*	2-5	*366.7±255.3*	*1.5*	*180.1 ± 1.1*
Bo30	21°49'755S 28°42'190E	Flow	-	Laser (I)	**181.4 ± 1.4**	96.1	*180.0 ± 1.5*	3-10	*372.6±34.4*	*0.1*	*182.6 ± 1.5*
Bo26-1	21°59'864S 28°25'730E	Flow	-	Furnace	**177.1 ± 0.9***	61.1	*170.5 ± 7.7*	1200-1500	*490.6±128.5*	*2.2*	*179.4 ± 0.7*
Bo26-2		Flow	-	Laser (I)	**178.7 ± 1.2**	87.1	*177.5 ± 4.7*	6-12	*327.3±76.7*	*1.3*	*179.5 ± 1.2*
Bo38	22°09'824S 28°39'433E	Flow	-	Laser (I)	**178.5 ± 1.4**	82.0	*180.6 1.4*	3-5	*151.0±15.2*	*0.1*	*177.1 1.3*
	Serowe										
Bo 2	22°15'266S 26°46'750E	Flow	-	Laser	185.8 ± 3.5	100.0	*186.9 ± 8.0*	1-6	*293.6±12.6*	*3.0*	*185.9 ± 3.5*
Bo4	22°24'013S 26°45'031E	Dyke	?	Furnace	**180.7 ± 0.7***	32.6	*182.7 ± 1.0*	800-950	*213.5±9.8*	*0.7*	*177.3 ± 0.4*
Bo32	22°25'368S 26°47'920E	Plug	-	Furnace	**179.9 ± 1.0**	93.3	*180.6 ± 1.4*	850-1500	*268.3±22.6*	*0.5*	*179.8 ± 1.2*
	Boreholes										
P11-19	22°6.000'S 25°48.000'E	Flow	-489m	Laser	179.8 ± 3.6	70.6	*181.6 ± 12.0*	5-7	*258.9±124.7*	*1.5*	*175.2 ± 4.2*
P11-2		Flow	-141m	Furnace	**181.2 ± 0.7***	64.9	*181.1 ± 1.5*	800-1100	*306.1±55.6*	*2.0*	*190.6 ± 0.5*
CKp11-11	18°36.000'S 25°54.000'E	Flow	-112m	Furnace	178.7 ± 3.3	78.4	*178.0 ± 1.4*	850-1150	*307.5±9.6*	*0.1*	*179.6 ± 3.5*
C7-2	21°0.000'S 24°12.000'E	Flow	-154m	Furnace	**180.5 ± 2.2**	80.4	*178.7 ± 3.0*	900-1500	*298.7±1.2*	*1.8*	*186.3 ± 4.6*
CKP8C1-2	24°12.000'S 21°54.000'E	Sill	-379m	Furnace	**181.8 ± 1.6**	97.7	*182.1 ± 4.9*	800-1450	*292.5±17.1*	*1.5*	*182.0 ± 1.7*
P8-9	19°42.000'S 26°0.000'E	Flow	-465m	Laser	**179.2 ± 1.8**	95.7	*171.5 ± 16.4*	2-5	*483.5±248.6*	*1.0*	*179.0 ± 2.1*
P8-1		Flow	-178m	Furnace	**181.1 ± 0.7**	97.6	*181.8 ± 1.7*	850-1600	*275.2±78.9*	*5.5*	*182.0 ± 0.3*
CKP6-2	22°6.000'S 23°12.000'E	Flow	-109m	Furnace	**181.3 ± 0.9**	96.6	*181.3 ± 0.6*	800-1550	*269.1±12.1*	*0.9*	*180.4 ± 20.6*
Maun-5	20°0.000'S 23°0.000'E	Flow	-764m	Furnace	**182.1 ± 0.7**	97.3	*181.4 ± 0.8*	800-1400	*334.5±13.6*	*0.5*	*182.4 ± 0.4*
CkP8A1	25°12.000'S 21°57.000'E	Sill	-355m	Furnace	**181.0 ± 0.7**	72.3	*181.3 ± 1.4*	800-1000; 1400-1450	*271.7±17.4*	*1.1*	*180.4 ± 20.5*
	Shadi-Shadi										
S58	23°41'970S 25°33'030E	Flow	-58m	Furnace	**178.5 ± 1.0**	98.2	*178.4 ± 1.1*	800-1550	*366.0±34.5*	1.0	*178.4 ± 1.1*
S66		Flow	-66m	Furnace	**178.9 ± 1.0**	95.1	*179.1 ± 1.1*	800-1550	*386.7±58.6*	0.9	*179.1 ± 1.1*
S99		Flow	-99m	Furnace	**179.7 ± 1.9**	96.7	*178.9 ± 2.0*	800-1550	*286.0±41.7*	1.2	*178.9 ± 2.0*
S152		Flow	-152m	Furnace	**178.3 ± 1.1**	96.1	*177.8 ± 1.2*	800-1550	*300.2±18.1*	0.5	*177.8 ± 1.2*
S385		Flow	-385m	Furnace	**178.0 ± 1.6**	98.5	*177.0 ± 1.7*	750-1550	*301.6±16.6*	0.3	*177.0 ± 1.7*
S719		Flow	-719m	Laser	**178.6 ± 1.9**	92.0	*177.8 ± 2.1*	4-9	*279.9±13.6*	1.8	*177.8 ± 2.1*
S801 (1)		Flow	-801m	Laser (I)	**180.7 ± 1.9**	75.0	*181.5 ± 2.4*	3-9	*257.3±39.2*	0.4	*181.5 ± 2.4*
S801 (2)		Flow	-801m	Laser	**182.8 ± 3.5**	99.5	*183.0 ± 3.7*	3-13	*228.6±53.4*	0.8	*183.0 ± 3.7*
	Lebombo										
SA22	24°03'533S 31°40'737S	Dyke	N20	Laser (I)	184.5 ± 1.2 **182.3 ± 1.7***	95.2 41.7	*172.8 ± 17.1*	3-10	*577.3±575.3*	*3.5*	*186.4 ± 1.2*
SA36	22°29'902S 31°12'162E	Dyke	N160	Furnace	**181.4 ± 0.7**	79.0	*181.1 ± 0.8*	1000-1500	*296.2±0.7*	*2.9*	*181.3 ± 0.6*

	Temperature (°C)/ step n°	Atmospheric contamination (%)	^{39}Ar (%)	$^{37}Ar_{Ca}/^{39}Ar_{K}$	$^{40}Ar^{*}/^{39}Ar$	Age (Ma)		
Bo19	550	38.6	0.0	-	-	-	±	-
	650	84.4	0.2	8.1	8.8	238.5	±	27.5
	700	49.9	0.5	11.6	8.9	242.0	±	11.1
	750	37.0	0.9	19.5	7.1	196.3	±	6.9
	800	24.1	1.8	25.9	6.4	177.7	±	4.1
	850	9.9	4.3	28.6	6.6	181.3	±	1.4
	900	6.2	6.3	29.1	6.5	179.1	±	1.2
	950	3.2	12.0	29.0	6.6	181.5	±	1.2
	1000	3.1	9.8	29.0	6.5	179.8	±	1.2
	1050	3.4	8.6	28.9	6.5	179.4	±	1.4
	1100	4.5	10.7	27.2	6.6	181.5	±	1.0
	1200	6.3	6.6	26.3	6.5	180.8	±	1.3
	1250	7.4	3.6	26.5	6.7	185.7	±	1.9
	1350	6.7	4.1	26.6	7.5	206.9	±	2.0
	1400	3.9	11.7	27.6	8.6	233.1	±	1.0
	1450	2.7	9.0	28.1	8.2	223.4	±	1.3
	1550	2.2	10.0	28.6	10.2	274.8	±	1.3
	1600	0.0	0.0	29.2	46.4	1007.3	±	620.2
					I.A.=	*202.2*	±	*0.8*
Bot0019	550	96.7	0.0	5.9	7.7	198.4	±	54.8
	650	79.0	0.3	6.2	9.7	245.5	±	8.8
	700	51.9	0.7	8.6	7.8	200.6	±	3.3
	750	33.8	2.3	12.9	7.3	187.0	±	1.2
	800	18.7	5.2	16.5	7.0	180.7	±	0.8
	870	9.1	8.1	16.9	7.0	179.4	±	0.6
	935	5.0	8.1	16.8	7.0	180.0	±	0.5
	960	3.2	5.8	16.8	7.0	179.4	±	0.6
	960	3.2	4.2	16.4	7.0	180.1	±	0.5
	990	5.0	2.4	15.7	6.9	178.2	±	1.0
	1030	7.8	1.7	15.4	6.8	175.3	±	1.5
	1100	11.9	3.7	14.4	7.0	180.6	±	0.7
	1150	11.6	3.1	14.8	7.1	183.5	±	0.7
	1200	11.7	4.1	16.0	7.3	187.5	±	0.7
	1250	10.9	3.4	16.6	7.3	188.4	±	0.8
	1300	10.3	3.2	16.6	7.4	188.8	±	0.9
	1350	10.3	3.7	16.7	7.4	189.0	±	0.9
	1400	7.7	17.4	16.8	7.4	189.5	±	0.5
	1450	10.3	22.2	16.8	7.4	191.0	±	0.6
	1600	24.6	0.4	17.1	6.9	176.9	±	5.6
					I.A.=	*185.8*	±	*0.4*
Bo16	550	97.4	0.1	4.2	12.4	356.2	±	233.5
	650	91.3	0.4	10.6	3.5	107.4	±	24.2
	700	37.6	1.1	17.2	5.6	169.1	±	7.2
	750	13.0	2.7	22.1	6.0	180.4	±	3.6
	800	4.6	8.6	26.0	6.0	179.9	±	1.5
	850	3.9	13.8	25.5	5.9	177.4	±	1.1
	900	3.6	16.0	25.5	5.9	177.5	±	1.1
	950	2.8	14.7	25.9	5.9	178.3	±	1.1
	1000	2.4	8.3	24.5	5.9	178.6	±	1.3
	1050	2.7	6.4	21.3	5.9	178.2	±	1.3
	1100	2.3	6.7	20.0	5.9	179.1	±	1.3
	1200	3.0	10.6	35.7	5.9	177.8	±	1.5
	1350	5.6	4.1	31.7	5.9	178.5	±	2.4
	1450	4.4	4.7	27.1	5.9	179.0	±	2.3
	1550	7.9	1.7	39.3	5.9	177.9	±	5.6
	1600	165.7	0.0	32.9	-	-	±	-
					I.A.=	*177.1*	±	*1.5*
Bo6	550	92.2	0.0	0.0	236.8	2749.5	±	1488.4
	650	93.8	0.1	10.2	14.3	353.8	±	47.2
	700	36.3	0.2	9.0	9.4	240.2	±	8.9
	750	10.1	0.9	8.5	7.4	192.4	±	1.9
	800	3.1	5.0	8.9	7.0	181.3	±	0.5
	850	2.0	9.7	9.0	6.9	180.6	±	0.5
	900	1.1	9.6	9.0	7.0	180.9	±	0.4
	935	0.8	9.4	9.0	7.0	181.2	±	0.4
	960	0.9	7.8	9.0	7.0	181.0	±	0.4
	990	0.7	5.5	9.0	7.0	181.0	±	0.6
	1030	0.6	4.6	9.0	7.0	181.1	±	0.5
	1100	1.3	5.4	9.0	6.9	179.5	±	0.6
	1150	1.2	4.4	9.1	6.9	179.6	±	0.5
	1200	1.2	4.5	9.1	6.9	179.6	±	0.6
	1250	1.3	5.0	9.1	6.9	179.4	±	0.5
	1300	1.3	4.8	9.0	6.9	179.8	±	0.5
	1350	1.3	6.7	8.9	6.9	180.2	±	0.5
	1400	1.6	14.0	8.9	7.0	181.4	±	0.4
	1450	16.5	2.1	9.0	6.8	176.7	±	1.2
	1600	56.0	0.4	9.4	5.3	140.5	±	26.5
					I.A.=	*180.8*	±	*0.4*

	Temperature (°C)/ step n°	Atmospheric contamination (%)	^{39}Ar (%)	$^{37}Ar_{Ca}/^{39}Ar_{K}$	$^{40}Ar^{*}/^{39}Ar$	Age (Ma)		
Bo5	550	103.0	0.0	11.8	-	-	±	-
	650	83.7	0.1	7.8	10.5	265.3	±	21.9
	700	27.0	0.3	7.3	8.2	210.1	±	6.6
	750	3.6	1.2	7.5	7.3	188.3	±	2.4
	800	1.4	3.5	8.4	7.0	180.9	±	0.7
	870	1.2	8.0	8.5	7.0	179.8	±	0.5
	900	0.8	11.3	8.5	7.0	180.6	±	0.5
	935	0.4	5.6	8.7	7.0	180.0	±	0.5
	960	0.9	5.5	8.6	7.0	179.3	±	0.6
	990	1.1	5.1	8.7	7.0	179.4	±	0.5
	1030	1.1	4.9	8.7	7.0	179.3	±	0.6
	1100	0.7	5.4	8.8	7.0	179.8	±	0.5
	1150	1.2	6.7	8.9	6.9	179.2	±	0.6
	1200	1.1	4.0	9.0	6.9	179.2	±	0.6
	1250	1.5	4.3	8.9	6.9	178.9	±	0.6
	1300	1.6	4.4	8.8	6.9	179.1	±	0.6
	1350	1.0	5.9	8.8	7.0	180.0	±	0.7
	1400	0.8	14.9	8.9	7.0	181.1	±	0.5
	1450	1.2	8.9	8.9	7.0	181.7	±	0.6
	1600	50.9	0.2	9.0	5.8	151.4	±	11.5
					I.A.=	*180.3*	±	*0.3*
Bot0016	1	16.6	7.3	52.2	7.3	193.1	±	9.5
	2	10.0	18.6	61.5	6.7	177.1	±	3.6
	3	5.2	26.5	64.3	6.8	178.7	±	3.1
	4	5.1	15.8	63.5	6.8	178.4	±	5.5
	5	5.5	11.5	62.9	6.8	178.5	±	6.4
	6	13.9	7.5	63.8	6.1	162.4	±	9.6
	7	4.7	12.8	63.7	6.9	181.3	±	7.5
					I.A.=	*178.5*	±	*4.2*
Bot0013	1	36.6	6.2	17.3	6.9	180.4	±	5.5
	2	13.9	13.5	18.8	6.6	173.4	±	2.9
	3	9.8	15.5	19.0	6.6	173.0	±	2.8
	4	9.8	32.0	16.2	6.8	177.8	±	1.5
	5	15.3	15.4	18.7	6.9	179.6	±	2.2
	6	14.9	7.0	22.8	6.5	171.1	±	4.5
	7	19.6	10.6	28.9	6.6	172.6	±	3.1
					I.A.=	*175.9*	±	*2.0*
Bot0012	1	17.9	1.5	7.7	8.0	208.3	±	14.4
	2	3.6	14.4	8.9	6.8	179.8	±	1.7
	3	1.5	29.2	9.1	6.8	179.8	±	0.9
	4	2.2	22.7	8.9	6.7	178.0	±	1.2
	5	1.3	32.2	8.9	6.8	180.5	±	0.7
					I.A.=	*180.1*	±	*1.1*
Bo30	1	51.5	0.9	9.1	8.7	237.4	±	27.5
	2	5.6	3.0	10.4	7.4	203.5	±	6.6
	3	5.2	8.4	11.2	6.6	182.3	±	2.6
	4	3.0	13.3	11.7	6.6	181.9	±	1.3
	5	2.9	14.7	11.4	6.6	181.0	±	1.8
	6	2.9	12.2	11.9	6.6	181.1	±	1.9
	7	2.6	12.9	12.5	6.6	181.5	±	2.5
	8	3.1	13.4	13.1	6.6	181.0	±	1.8
	9	1.9	7.1	12.6	6.6	181.2	±	3.2
	10	3.6	14.1	12.8	6.6	181.7	±	1.5
					I.A.=	*182.6*	±	*1.5*
Bo26-1	550	82.6	0.0	1.8	5.5	153.8	±	2587.4
	650	69.8	0.9	2.9	5.7	160.3	±	6.1
	700	34.6	2.0	6.6	6.7	184.8	±	2.4
	750	31.7	1.5	18.8	5.9	164.8	±	3.9
	800	21.3	2.7	30.6	6.4	177.3	±	2.1
	850	12.1	5.0	37.1	6.8	189.1	±	1.8
	900	7.0	5.7	38.2	6.8	188.6	±	1.6
	950	5.4	9.1	36.2	6.7	185.3	±	1.1
	1000	4.8	6.6	32.5	6.5	181.0	±	1.4
	1050	4.6	5.5	28.8	6.5	181.5	±	1.6
	1100	6.3	7.6	23.7	6.5	179.9	±	1.3
	1200	4.6	22.2	22.9	6.3	175.5	±	0.7
	1300	6.5	12.0	26.1	6.4	177.4	±	0.9
	1350	7.9	2.7	28.2	6.3	174.4	±	2.4
	1400	7.5	5.6	28.9	6.4	177.9	±	1.1
	1450	6.5	5.1	28.7	6.5	179.3	±	1.9
	1500	8.4	6.0	38.0	6.4	177.4	±	1.6
	1600	29.5	0.0	41.0	7.3	201.4	±	402.6
					I.A.=	*179.4*	±	*0.7*

	Temperature (°C)/ step n°	Atmospheric contamination (%)	^{39}Ar (%)	$^{37}Ar_{Ca}/^{39}Ar_{K}$	$^{40}Ar^{*}/^{39}Ar$	Age (Ma)		
Bo26-2	1	62.3	1.4	9.2	7.6	210.3	±	17.8
	2	30.6	1.0	18.9	6.7	185.0	±	12.7
	3	18.3	2.2	24.6	6.7	184.4	±	5.6
	4	12.9	3.6	28.2	6.5	181.5	±	2.1
	5	9.3	4.7	27.9	6.5	180.3	±	2.9
	6	6.9	6.9	26.6	6.5	179.1	±	2.9
	7	5.3	12.3	24.8	6.4	178.8	±	1.3
	8	5.2	15.0	22.5	6.4	176.7	±	1.1
	9	3.4	14.1	22.2	6.5	180.5	±	1.1
	10	5.1	12.3	23.4	6.5	179.2	±	1.4
	11	6.6	8.7	21.7	6.4	177.6	±	1.4
	12	5.7	17.8	24.8	6.4	178.7	±	1.9
					I.A.=	*179.5*	±	*1.2*
Bo2	1	63.8	12.4	36.9	6.9	181.5	±	6.7
	2	37.3	12.3	46.0	7.1	186.5	±	6.0
	3	27.4	15.7	45.6	7.4	191.8	±	3.4
	4	18.7	23.1	44.0	6.8	177.6	±	3.4
	5	15.2	15.6	36.7	7.4	191.9	±	4.1
	6	13.0	21.0	47.5	7.2	188.3	±	3.6
					I.A.=	*185.9*	±	*3.5*
Bo4	550	99.4	0.0	1.7	2.0	53.2	±	178.7
	650	68.5	2.0	1.4	7.4	190.0	±	2.7
	700	27.2	2.7	3.5	7.1	183.2	±	1.2
	750	11.1	3.8	8.9	6.8	176.9	±	0.7
	800	4.5	9.5	14.2	7.0	180.5	±	0.6
	850	3.3	7.2	16.2	7.0	181.5	±	0.6
	900	3.9	7.1	17.8	7.0	180.5	±	0.6
	950	4.5	8.8	18.5	7.0	180.2	±	0.7
	1000	7.0	5.5	17.4	6.9	178.4	±	0.6
	1050	9.5	4.8	14.4	6.8	176.7	±	0.7
	1100	7.1	12.0	9.8	6.7	173.2	±	0.5
	1200	5.6	14.5	11.3	6.7	173.3	±	0.4
	1250	7.6	4.5	13.4	6.7	173.4	±	0.8
	1300	7.6	4.1	14.3	6.7	173.9	±	0.8
	1350	6.3	2.3	14.9	6.8	175.0	±	1.1
	1400	5.9	5.2	16.6	6.8	175.6	±	0.8
	1500	5.8	5.7	18.8	6.8	177.0	±	0.9
	1600	4.7	0.4	20.7	7.1	183.7	±	6.5
					I.A.=	*177.3*	±	*0.4*
Bo32	550	83.6	0.0	0.0	25.7	625.1	±	7607.2
	650	80.2	0.2	11.9	8.4	228.0	±	37.6
	700	50.0	0.7	19.2	6.1	170.0	±	18.0
	750	24.3	1.6	24.9	6.3	174.5	±	7.8
	800	11.3	4.3	28.3	6.4	177.8	±	3.3
	850	5.5	6.0	29.5	6.5	180.4	±	1.9
	900	4.6	12.5	29.5	6.5	179.9	±	1.2
	950	2.3	18.1	29.4	6.6	181.3	±	1.2
	1000	2.3	12.6	29.3	6.5	179.8	±	1.4
	1050	3.1	10.5	29.1	6.5	178.4	±	1.5
	1100	2.9	10.3	28.5	6.6	180.9	±	1.6
	1200	5.0	7.0	27.9	6.5	180.0	±	2.2
	1300	7.5	3.4	27.3	6.6	181.1	±	3.8
	1400	8.4	5.7	28.0	6.5	179.0	±	2.6
	1450	8.5	5.0	28.0	6.4	176.5	±	3.2
	1500	9.3	2.2	28.7	6.4	177.6	±	3.5
	1600	32.7	0.0	37.9	205.3	2632.0	±	2476.2
					I.A.=	*179.8*	±	*1.2*
P11-19	550	150.7	0.0	-	1005.6	-	±	-
	650	97.0	0.4	49.4	2.5	72.5	±	102.0
	750	43.6	3.8	79.2	5.8	162.3	±	8.6
	800	20.4	9.2	99.8	5.9	163.4	±	4.8
	900	10.0	27.7	104.7	6.5	180.0	±	2.8
	1000	4.8	29.9	103.3	6.6	181.6	±	2.9
	1100	10.0	13.0	97.5	6.3	175.4	±	4.1
	1200	37.5	3.0	93.0	5.5	154.2	±	11.5
	1300	15.0	4.7	94.1	6.9	189.5	±	6.7
	1400	20.2	3.1	95.1	6.0	166.0	±	11.3
	1500	23.6	5.3	98.8	6.1	169.9	±	7.7
	1600	128.6	0.0	49.7	-	-	±	-
					I.A.=	*175.2*	±	*4.2*
P11-2	550	73.8	0.0	5.9	110.4	1844.5	±	1517.1
	650	46.1	0.1	7.6	24.3	596.2	±	34.1
	750	9.1	2.0	9.3	9.2	249.7	±	2.4
	800	5.0	4.7	10.0	6.6	182.3	±	1.0
	850	3.0	7.9	10.1	6.5	179.8	±	0.7
	900	1.2	10.3	10.1	6.5	180.7	±	0.8
	950	0.6	15.5	10.1	6.6	181.6	±	0.5
	1000	1.5	10.3	10.1	6.6	181.4	±	0.6
	1050	1.0	6.3	10.1	6.6	182.0	±	1.0
	1100	1.2	9.8	9.9	6.6	181.1	±	0.6
	1200	1.5	8.4	10.1	6.7	183.8	±	0.8
	1300	1.6	4.7	10.2	7.4	202.5	±	1.3
	1400	1.0	14.7	9.9	7.5	205.1	±	0.6
	1450	1.6	5.2	10.3	8.5	230.6	±	1.1
	1500	23.7	0.0	7.6	18.8	477.8	±	395.8
	1600	138.0	0.0	10.3	-	-	±	-
					I.A.=	*190.6*	±	*0.5*

	Temperature (°C)/ step n°	Atmospheric contamination (%)	^{39}Ar (%)	$^{37}Ar_{Ca}/^{39}Ar_{K}$	$^{40}Ar^{*}/^{39}Ar$	Age (Ma)		
CKP11-11	550	103.6	0.0	-1370.9	79.2	1485.8	±	10359.2
	650	95.4	0.3	32.5	5.2	145.2	±	151.6
	750	37.7	4.0	46.1	7.0	193.0	±	13.6
	850	9.9	21.8	54.9	6.5	179.3	±	3.3
	1000	5.5	41.2	54.5	6.4	178.3	±	2.3
	1150	16.1	15.4	47.7	6.5	179.1	±	3.6
	1300	28.1	6.2	49.6	6.1	168.1	±	8.5
	1450	12.2	8.9	55.2	7.0	192.7	±	5.7
	1600	34.4	2.3	65.0	6.2	172.5	±	23.7
					I.A.=	*179.6*	±	*3.5*
C7-2	550	14.3	0.0	-	-	-	±	-
	650	92.8	0.2	25.8	6.4	178.8	±	115.7
	750	94.5	1.9	36.3	6.2	172.5	±	24.4
	800	94.7	6.3	46.3	9.0	244.9	±	25.9
	850	88.8	11.3	47.9	7.1	195.1	±	9.9
	900	78.5	12.0	49.2	6.7	185.0	±	4.3
	950	45.9	20.4	49.1	6.6	184.1	±	2.3
	1000	8.4	10.9	46.3	6.4	177.3	±	2.2
	1100	10.9	15.5	43.3	6.4	178.2	±	2.0
	1250	5.2	9.4	55.0	6.6	183.3	±	2.7
	1400	12.2	5.8	50.4	6.3	174.2	±	2.9
	1500	15.9	6.4	59.4	6.2	173.6	±	4.1
	1600	98.8	0.0	28.4	1.9	53.3	±	1537.2
					I.A.=	*186.3*	±	*4.6*
CKP8C1-2	550	107.3	0.0	48.3	-	-	±	-
	650	98.0	0.2	33.7	6.3	175.3	±	95.1
	700	76.1	0.6	46.6	8.5	231.2	±	20.0
	750	54.1	1.5	60.4	6.8	188.2	±	7.2
	800	30.8	6.2	70.8	6.5	181.3	±	3.4
	850	19.9	14.1	68.5	6.7	184.4	±	2.4
	900	17.9	15.7	65.3	6.7	184.4	±	2.1
	950	12.3	16.7	56.6	6.6	182.1	±	1.8
	1030	10.3	8.8	52.0	6.5	180.8	±	2.2
	1100	16.9	9.7	54.7	6.5	179.4	±	2.3
	1170	25.6	4.4	56.5	6.2	173.2	±	4.6
	1250	27.4	4.5	60.9	6.5	180.8	±	4.0
	1350	28.9	4.0	58.5	6.3	175.0	±	3.7
	1450	21.9	13.6	57.2	6.6	183.1	±	2.1
	1600	262.9	0.0	39.3	-	-	±	-
					I.A.=	*182.0*	±	*1.7*
P8-9	1	24.6	4.3	3.1	6.3	173.1	±	13.3
	2	7.8	17.5	8.2	6.6	182.8	±	2.3
	3	5.9	45.4	8.1	6.5	179.0	±	1.2
	4	8.8	14.4	15.4	6.4	176.3	±	2.7
	5	6.5	18.4	19.7	6.5	178.6	±	2.3
					I.A.=	*179.0*	±	*2.1*
P8-1	550	239.2	0.0	6.4	-	-	±	-
	650	90.8	0.0	8.4	5.6	155.1	±	44.7
	700	58.5	0.1	8.6	7.3	200.9	±	11.9
	750	27.5	0.5	8.6	6.8	189.2	±	3.4
	800	9.4	1.7	8.6	6.7	184.2	±	1.2
	850	3.7	3.8	8.7	6.5	181.1	±	0.7
	900	1.9	5.9	8.7	6.5	180.5	±	0.5
	950	1.4	10.0	8.7	6.6	182.2	±	0.4
	1000	0.8	7.4	8.7	6.6	181.7	±	0.5
	1050	1.4	5.6	8.6	6.5	181.2	±	0.6
	1100	2.3	4.7	8.6	6.5	181.4	±	0.5
	1150	1.8	6.9	8.7	6.5	180.1	±	0.5
	1250	2.1	5.8	8.7	6.5	181.2	±	0.6
	1350	2.3	8.8	8.7	6.5	181.0	±	0.4
	1450	1.1	35.6	8.5	6.6	183.1	±	0.4
	1600	2.4	3.1	8.7	6.5	181.0	±	0.9
					I.A.=	*182.0*	±	*0.3*
CKP6-2	550	99.4	0.0	5.6	1.0	29.4	±	1791.5
	650	91.7	0.4	10.3	6.3	174.4	±	23.1
	700	80.3	0.6	18.8	5.7	158.3	±	11.8
	750	25.7	2.4	26.7	6.5	179.1	±	2.9
	800	9.0	5.2	32.6	6.5	179.6	±	1.5
	850	6.0	10.3	32.8	6.6	182.0	±	1.4
	900	2.8	14.3	33.0	6.6	181.9	±	1.3
	950	1.7	18.6	32.7	6.6	182.3	±	0.9
	1000	1.7	8.7	29.7	6.6	181.9	±	1.4
	1050	2.8	4.5	26.0	6.5	180.5	±	2.2
	1100	4.3	6.3	23.2	6.4	178.4	±	1.4
	1200	4.2	7.7	33.3	6.5	179.9	±	1.4
	1300	5.1	6.9	33.6	6.5	181.2	±	1.8
	1350	0.0	2.0	34.6	6.4	177.8	±	4.0
	1400	4.3	5.1	33.8	6.6	182.3	±	1.7
	1450	3.0	3.7	38.9	6.5	180.9	±	2.5
	1550	3.5	3.4	47.5	6.6	182.6	±	2.9
	1600	131.0	0.0	61.3	-	-	±	-
					I.A.=	*180.4*	±	*20.6*

	Temperature (°C)/ step n°	Atmospheric contamination (%)	^{39}Ar (%)	$^{37}Ar_{Ca}/^{39}Ar_{K}$	$^{40}Ar^{*}/^{39}Ar$	Age (Ma)		
Maun-5	550	89.2	0.0	3.9	14.9	389.6	±	646.4
	650	60.4	0.2	3.1	9.2	250.1	±	14.2
	700	22.2	0.8	4.7	7.5	205.7	±	4.3
	750	12.5	1.4	7.0	6.4	178.2	±	2.1
	800	5.9	3.2	8.5	6.6	181.9	±	1.0
	850	2.4	5.0	9.1	6.6	182.2	±	0.8
	900	1.5	7.1	9.2	6.6	182.1	±	0.6
	950	1.6	16.2	9.1	6.6	181.8	±	0.4
	1000	1.2	11.2	9.2	6.5	181.0	±	0.6
	1050	1.7	11.3	9.1	6.6	181.8	±	0.4
	1100	3.0	11.0	8.9	6.6	182.6	±	0.5
	1200	4.2	10.9	8.9	6.6	182.7	±	0.6
	1300	5.1	9.2	8.9	6.6	182.6	±	0.6
	1360	5.3	5.2	8.9	6.6	182.0	±	0.8
	1400	2.3	5.7	9.0	6.6	182.6	±	0.7
	1450	1.1	1.3	8.9	6.7	184.4	±	2.6
	1500	7.1	0.3	8.9	6.6	181.7	±	9.5
	1600	175.6	0.0	14.6	-	-	±	-
					I.A.=	*182.4*	±	*0.4*
CKP8A1	550	96.4	0.0	20.3	119.3	1935.5	±	28991.5
	650	78.8	0.3	7.3	7.4	204.3	±	26.4
	700	49.8	0.6	10.5	6.5	179.0	±	12.3
	750	23.6	1.7	15.0	6.5	179.4	±	5.4
	800	7.0	5.1	17.6	6.6	181.3	±	1.5
	850	3.0	9.8	17.8	6.5	180.9	±	1.0
	900	2.5	12.2	17.4	6.6	181.3	±	0.8
	950	3.1	19.0	16.8	6.5	180.8	±	0.7
	1000	2.9	10.4	16.4	6.5	180.5	±	1.0
	1050	4.9	7.4	15.7	6.5	179.4	±	1.4
	1100	9.1	5.1	15.7	6.5	178.7	±	1.5
	1200	11.3	5.6	15.9	6.4	177.3	±	1.4
	1300	12.9	6.2	15.3	6.5	178.9	±	1.3
	1400	7.8	11.8	16.0	6.5	180.9	±	0.8
	1450	7.9	4.1	19.0	6.6	182.4	±	1.8
	1500	11.7	1.0	21.8	6.5	179.5	±	7.0
	1600	78.3	0.0	-	-	-	±	-
					I.A.=	*180.4*	±	*20.5*
Bo38	1	46.1	1.8	1.9	4.4	124.6	±	11.5
	2	6.0	16.3	4.6	6.3	175.7	±	1.7
	3	2.7	29.1	5.6	6.4	178.8	±	1.0
	4	2.4	26.9	5.8	6.4	178.7	±	1.3
	5	3.4	25.9	5.8	6.4	177.9	±	1.3
					I.A.=	*186.4*	±	*1.2*
SA22	1	58.6	2.1	9.5	7.5	208.6	±	14.2
	2	7.4	2.7	11.0	8.6	235.3	±	4.2
	3	7.6	4.4	11.6	6.7	185.4	±	4.2
	4	6.1	6.2	11.8	6.6	182.9	±	2.6
	5	7.4	9.5	11.8	6.5	180.8	±	1.8
	6	5.9	10.4	11.7	6.6	183.1	±	1.3
	7	7.8	11.1	11.8	6.5	181.3	±	1.0
	8	6.0	13.3	11.9	6.7	187.4	±	1.2
	9	6.0	4.9	11.8	6.6	183.5	±	2.0
	10	4.7	35.4	12.0	6.7	186.1	±	1.2
					I.A.=	*186.4*	±	*1.2*
Bo48	550	39.7	-	-	-	-	±	-
	650	93.0	0.1	15.1	6.3	175.5	±	22.9
	700	56.6	0.2	14.3	7.4	204.9	±	10.4
	750	27.0	0.7	13.4	6.6	184.0	±	2.3
	800	9.2	1.7	13.5	6.5	181.2	±	1.0
	850	4.4	6.4	13.8	6.4	179.3	±	0.7
	930	2.1	17.9	13.6	6.4	180.4	±	0.5
	980	1.7	10.2	13.6	6.4	180.4	±	0.5
	1025	3.0	2.6	13.5	6.5	181.5	±	0.9
	1080	4.0	2.9	13.6	6.5	181.2	±	0.9
	1200	1.5	29.4	13.5	6.4	179.8	±	0.4
	1320	2.4	3.7	13.6	6.4	179.9	±	0.8
	1400	1.4	17.2	13.2	6.5	181.4	±	0.5
	1500	2.6	6.8	13.5	6.5	181.0	±	0.6
	1600	45.5	0.1	13.9	8.0	220.9	±	25.8
					I.A.=	*180.5*	±	*0.4*
Sa36	550	39.7	-	-	-	-	±	-
	650	93.0	0.1	15.1	6.3	175.5	±	22.9
	700	56.6	0.2	14.3	7.4	204.9	±	10.4
	750	27.0	0.7	13.4	6.6	184.0	±	2.3
	800	9.2	1.7	13.5	6.5	181.2	±	1.0
	850	4.4	6.4	13.8	6.4	179.3	±	0.7
	930	2.1	17.9	13.6	6.4	180.4	±	0.5
	980	1.7	10.2	13.6	6.4	180.4	±	0.5
	1025	3.0	2.6	13.5	6.5	181.5	±	0.9
	1080	4.0	2.9	13.6	6.5	181.2	±	0.9
	1200	1.5	29.4	13.5	6.4	179.8	±	0.4
	1320	2.4	3.7	13.6	6.4	179.9	±	0.8
	1400	1.4	17.2	13.2	6.5	181.4	±	0.5
	1500	2.6	6.8	13.5	6.5	181.0	±	0.6
	1600	45.5	0.1	13.9	8.0	220.9	±	25.8
					I.A.=	*181.3*	±	*0.6*

	Temperature (°C)/ step n°	Atmospheric contamination (%)	^{39}Ar (%)	$^{37}Ar_{Ca}/^{39}Ar_{K}$	$^{40}Ar^{*}/^{39}Ar$	Age (Ma)		
Z1	590	51.7	1.1	13.3	8.4	230.7	±	23.1
	700	20.3	2.3	15.3	6.7	186.4	±	6.6
	800	10.4	3.7	16.1	6.5	180.4	±	3.3
	900	6.1	7.6	16.2	6.4	179.0	±	1.9
	1000	4.3	8.3	16.3	6.4	178.6	±	1.9
	1100	4.0	10.6	16.1	6.4	178.0	±	1.6
	1200	2.7	12.2	15.9	6.5	180.4	±	1.0
	1300	2.9	14.7	15.7	6.5	180.8	±	0.8
	1400	3.7	11.8	15.2	6.5	181.2	±	1.1
	1500	4.1	8.9	15.1	6.4	179.9	±	2.1
	1750	4.7	4.7	15.3	6.4	179.1	±	2.1
	2500	5.9	14.3	15.0	6.5	181.1	±	1.3
					I.A.=	*180.8*	±	*1.1*
Bo52	550	97.6	-	-	-	-	±	-
	650	90.1	1.7	2.7	3.5	100.4	±	11.4
	700	73.3	2.4	4.9	2.2	62.5	±	5.5
	750	54.9	2.3	9.2	2.4	68.3	±	7.4
	800	52.4	0.9	15.7	2.7	78.3	±	14.7
	850	11.8	8.8	32.4	6.8	190.3	±	2.3
	1000	4.2	32.3	37.9	6.4	179.8	±	1.2
	1200	4.9	31.2	38.7	6.4	180.2	±	1.2
	1400	11.6	9.4	37.1	9.5	260.8	±	1.7
	1600	18.5	11.0	38.5	19.9	506.9	±	2.2
					I.A.=	*220.1*	±	*1.5*
S58	550	-	-	31.5	-	-		-
	650	82.8	0.7	9.3	6.7	200.3	±	13.4
	700	36.0	1.0	19.5	5.1	153.0	±	11.1
	800	5.8	7.6	37.5	5.9	178.4	±	2.0
	850	3.8	13.2	41.1	6.0	178.9	±	1.4
	900	3.1	17.4	43.1	5.9	178.4	±	1.2
	950	2.4	13.0	41.6	6.0	178.8	±	1.4
	1000	3.8	9.9	40.4	5.9	176.6	±	1.4
	1050	2.5	8.4	40.0	5.9	178.5	±	1.4
	1100	3.8	8.1	39.1	5.9	176.9	±	1.7
	1150	6.6	3.3	36.7	5.8	174.1	±	2.2
	1200	9.7	1.5	43.8	5.7	172.7	±	5.9
	1250	9.0	1.6	51.1	5.8	175.6	±	6.2
	1350	10.1	1.9	38.6	5.9	177.9	±	4.3
	1450	5.3	6.2	34.3	6.1	182.5	±	2.0
	1550	14.0	6.2	48.6	6.1	183.5	±	2.4
	1600	78.3	0.1	50.8	6.6	196.8	±	128.8
					I.A.=	*178.4*	±	*1.1*
S66	550	-	-	24.0	-	-		-
	650	72.9	0.5	6.4	10.7	309.6	±	19.7
	700	64.9	0.4	21.6	3.9	119.2	±	25.4
	750	33.1	0.9	29.5	5.3	158.8	±	8.8
	800	13.1	2.9	35.8	5.9	175.6	±	3.3
	850	4.7	7.0	37.5	6.0	180.1	±	1.9
	900	4.6	11.7	38.6	5.9	177.3	±	1.4
	950	3.2	15.1	39.2	6.0	178.3	±	1.5
	1000	3.7	10.8	36.6	5.9	176.7	±	1.5
	1050	1.8	10.6	35.1	6.0	180.0	±	1.4
	1100	2.4	16.6	32.3	6.0	179.3	±	1.2
	1200	4.9	5.2	30.6	5.9	178.0	±	2.1
	1350	4.1	4.8	31.2	6.1	181.7	±	1.8
	1450	4.2	7.8	31.7	6.0	180.5	±	1.7
	1550	8.5	5.6	47.1	6.1	181.6	±	1.9
	1600	37.7	0.3	36.1	6.5	193.9	±	29.1
					I.A.=	*179.1*	±	*1.1*
S99	550	-	-	-	-	-		-
	650	95.5	0.4	18.5	4.9	148.0	±	47.0
	700	59.8	0.6	36.3	4.8	145.0	±	17.9
	750	26.9	2.2	56.3	5.6	167.5	±	4.3
	800	7.2	8.5	69.1	6.0	180.3	±	3.0
	850	7.3	11.6	75.9	5.9	177.5	±	3.0
	900	5.1	12.3	79.3	6.0	179.5	±	2.7
	950	3.5	14.9	82.3	6.0	180.4	±	2.7
	1000	1.1	10.2	83.6	6.1	183.0	±	2.8
	1050	6.4	7.8	83.5	6.1	183.6	±	3.2
	1100	10.0	6.5	83.0	6.1	183.7	±	3.5
	1200	8.6	9.7	87.6	5.9	175.8	±	2.9
	1350	11.2	5.3	84.8	5.8	174.1	±	3.7
	1450	11.2	5.3	82.1	6.0	180.8	±	3.6
	1550	16.6	4.7	85.6	5.9	176.3	±	4.6
	1600	107.6	0.0	77.6	-	-		-
					I.A.=	*178.9*	±	*2.0*

	Temperature (°C)/ step n°	Atmospheric contamination (%)	^{39}Ar (%)	$^{37}Ar_{Ca}/^{39}Ar_{K}$	$^{40}Ar^{*}/^{39}Ar$	Age (Ma)		
S152	550	99.6	-	0.5	1.6	50.7	±	742.3
	650	86.8	0.4	7.4	4.4	132.6	±	26.8
	700	72.3	0.2	22.2	3.5	106.1	±	43.5
	750	30.4	0.7	31.6	5.8	172.6	±	14.0
	800	13.2	2.6	37.7	5.9	176.9	±	4.0
	850	7.0	6.0	41.0	5.9	176.5	±	1.7
	900	4.4	8.5	42.4	6.0	178.6	±	1.8
	950	4.8	12.7	42.9	5.9	177.5	±	1.6
	1000	3.8	9.7	42.6	5.9	178.0	±	2.0
	1050	3.2	10.6	41.8	6.0	178.5	±	1.6
	1100	4.0	11.9	41.1	5.9	177.8	±	1.8
	1200	3.3	8.5	40.6	6.0	179.6	±	1.9
	1350	7.8	8.5	41.1	5.9	177.8	±	1.8
	1450	12.8	7.1	39.5	5.9	177.6	±	1.9
	1550	9.2	12.6	41.4	6.0	180.3	±	1.7
	1600	144.1	-	37.6	-	-		-
					I.A.=	*177.8*	±	*1.2*
S385	550	-	-	24.4	-	-		-
	650	92.2	0.8	11.8	2.6	81.1	±	22.9
	700	33.8	0.6	31.6	6.1	182.0	±	19.9
	750	15.2	3.7	46.4	5.9	177.0	±	4.3
	800	5.5	8.0	54.9	6.0	179.6	±	2.3
	850	4.8	14.5	56.6	5.9	177.8	±	1.9
	900	3.7	13.4	58.9	6.0	178.2	±	2.2
	950	3.7	16.1	61.3	5.9	177.9	±	2.0
	1000	2.9	10.8	62.0	6.0	179.1	±	2.2
	1050	4.6	7.2	61.7	5.9	176.2	±	3.5
	1100	4.6	6.8	59.2	5.9	176.4	±	2.5
	1200	10.2	2.8	58.1	5.9	177.3	±	4.0
	1350	11.0	2.0	58.3	6.1	183.0	±	5.4
	1450	15.8	2.9	54.9	5.8	173.8	±	5.5
	1550	15.4	10.4	61.2	6.0	179.0	±	3.2
	1600	99.9	0.1	61.1	0.0	0.0	±	0.0
					I.A.=	*177.0*	±	*1.7*
S719	1	67.2	0.1	3.3	11.1	320.6	±	352.7
	2	-	-	-	-	-		-
	3	43.5	7.9	11.4	5.6	170.0	±	4.2
	4	8.6	8.9	16.9	6.0	181.9	±	2.4
	5	17.6	11.5	19.1	6.1	183.5	±	2.9
	6	6.3	13.4	20.2	5.9	179.1	±	2.4
	7	8.2	24.1	15.9	5.8	176.5	±	1.7
	8	20.3	24.7	23.8	5.9	177.2	±	1.8
	Fuse	9.6	9.5	29.3	5.9	177.8	±	3.5
					I.A.=	*177.8*	±	*2.1*
S801-1 (I)	1	40.1	3.6	12.9	7.2	198.8	±	8.3
	2	8.4	6.3	15.2	6.9	190.7	±	7.9
	3	9.3	6.1	17.1	6.6	181.6	±	3.3
	4	5.7	16.2	17.8	6.5	180.2	±	2.0
	5	3.2	12.3	18.6	6.6	181.6	±	1.8
	6	5.9	13.5	18.8	6.6	181.5	±	2.8
	7	5.6	12.3	18.5	6.6	182.0	±	2.5
	8	8.6	8.4	18.4	6.4	178.2	±	2.7
	9	8.7	6.2	18.9	6.4	178.1	±	3.5
	Fuse	11.8	15.1	22.0	6.4	177.7	±	5.1
					I.A.=	*181.5*	±	*2.4*
S801-2	1	92.3	0.1	5.2	4.6	139.8	±	391.5
	2	81.9	0.4	7.0	8.9	263.0	±	97.8
	3	11.4	6.1	12.4	6.0	180.9	±	9.5
	4	5.7	8.6	13.8	6.1	185.0	±	7.1
	5	0.0	13.7	14.3	6.2	185.8	±	2.9
	6	0.8	9.6	15.2	6.0	182.2	±	3.5
	7	0.0	8.3	16.0	6.4	192.3	±	8.0
	8	0.5	12.7	16.2	6.1	183.1	±	4.5
	9	0.0	9.8	15.7	6.2	186.0	±	7.4
	10	5.3	9.8	16.4	5.8	176.9	±	5.0
	11	11.5	6.4	18.0	5.7	173.5	±	7.1
	12	5.9	5.9	19.3	6.1	185.5	±	8.0
	Fuse	7.7	8.8	22.1	5.8	176.0	±	4.5
					I.A.=	*183.0*	±	*3.7*