				Sample	Fraction		Time		143Nd/				Water		
Label	Region	Sub-region	Location	type	measured	Grain-size	interval	[Nd] ppm	144Nd	<b>eNd(0)</b>	Longitude	Latitude	depth	Reference	Source
				soil										Abouchami	Literature
Bod 43.5	Africa	Chad	PSA5	sediment	bulk	NA	P	51.91	0.512	-13.1	18.55	16.1	NA	et al. (2013)	search
Bod															
43.5_duplic				soil										Abouchami	Literature
ate	Africa	Chad	PSA5	sediment	bulk	NA	P	NA	0.512	-12.7	18.55	16.1	NA	et al. (2013)	search
				soil										Abouchami	Literature
Bod 44	Africa	Chad	PSA5	sediment	bulk	NA	P	43.55	0.5121	-10.2	18.84	16.17	NA	et al. (2013)	search
				soil										Abouchami	Literature
Bod 44B	Africa	Chad	PSA5	sediment	bulk	NA	P	36.73	0.5121	-10.1	18.84	16.17	NA	et al. (2013)	search
				soil										Abouchami	Literature
Bod 44C	Africa	Chad	PSA5	sediment	bulk	NA	P	59.34	0.512	-13	18.71	16.29	NA	et al. (2013)	search
Bod															
44D_duplic				soil										Abouchami	Literature
ate	Africa	Chad	PSA5	sediment	bulk	NA	P	NA	0.512	-12.9	18.71	16.29	NA	et al. (2013)	search
				soil										Abouchami	Literature
Bod 51	Africa	Chad	PSA5	sediment	bulk	NA	P	46.65	0.512	-12.2	19.07	17.43	NA	et al. (2013)	search
Bod															
51_duplicat				soil										Abouchami	Literature
e	Africa	Chad	PSA5	sediment	bulk	NA	P	NA	0.512	-12	19.07	17.43	NA	et al. (2013)	search
				soil										Abouchami	Literature
Bod 54A	Africa	Chad	PSA5	sediment	bulk	NA	P	61.42	0.512	-13.1	18.61	16.2	NA	et al. (2013)	search
Bod															
54A_duplic				soil										Abouchami	Literature
ate	Africa	Chad	PSA5	sediment	bulk	NA	P	NA	0.512	-12.7	18.61	16.2	NA	et al. (2013)	search
		·		soil			_				10.41			Abouchami	Literature
Bod 54B	Africa	Chad	PSA5	sediment	bulk	NA	P	35.84	0.512	-12.8	18.61	16.2	NA	et al. (2013)	search
Bod				.,											
54B_duplic	4.6.	CI I	DC 4. 7	soil	1 11	27.4	ъ.	27.4	0.510	12.0	10.61	16.0	27.4	Abouchami	Literature
ate	Africa	Chad	PSA5	sediment	bulk	NA	P	NA	0.512	-12.9	18.61	16.2	NA	et al. (2013)	search
Vizcaino														Aguillon-	
peninsula,			NT A		1 11	NYA	D	1.5	NTA	7.6	112.6	27	NTA	Robles et al.	T 11
mex	America	Mexico	NA	rocks	bulk	NA	P	15	NA	7.6	-113.6	27	NA	(2001)	Jeandel
			D:											Ait-Hammou	
			Djebel											et al. (2000),	<b>Y</b> ***
TO00 11	۸.	A.1-	Taharaq	1	1 11	NT A	D	NY A	0.5100	2.24	6.07	24.24	NT A	Keppie et al.	
TQ89-11a	Africa	Algeria	(Anahef)	rocks	bulk	NA	P	NA	0.5128	3.24	6.97	24.24	NA	(2011)	search
			<b></b>											Ait-Hammou	
			Djebel											et al. (2000),	
TO 00 10	4.6.		Taharaq	,	1 11	27.4	ъ.	27.4	0.5160	2.65	6.07	24.24	27.4	Keppie et al.	
TQ89-19a	Africa	Algeria	(Anahef)	rocks	bulk	NA	P	NA	0.5128	3.65	6.97	24.24	NA	(2011)	search

TQ90-18a	Africa	Algeria	Djebel Taharaq (Anahef)	rocks	bulk	NA	P	NA	0.5128	2.11	6.97	24.24	NA	Ait-Hammou et al. (2000), Keppie et al. (2011)	Literature search
														Ait-Hammou	
			Djebel											et al. (2000),	
			Taharaq											Keppie et al.	Literature
TQ90-28a	Africa	Algeria	(Anahef)	rocks	bulk	NA	P	NA	0.5128	3.75	6.97	24.24	NA	(2011)	search
														Ait-Hammou	
			Djebel											et al. (2000),	
			Taharaq											Keppie et al.	Literature
TQ90-8a	Africa	Algeria	(Anahef)	rocks	bulk	NA	P	NA	0.5127	0.76	6.97	24.24	NA	(2011)	search
														Ait-Hammou	
			Djebel											et al. (2000),	
			Taharaq											Keppie et al.	Literature
TQ90-9a	Africa	Algeria	(Anahef)	rocks	bulk	NA	P	NA	0.5126	-0.21	6.97	24.24	NA	(2011)	search
Middle															
Andaman	Indian													Ali et al.	Literature
Island	Ocean	N Indian	NA	rocks	bulk	NA	P	NA	NA	-5.1	92.92	12.91	NA	(2015)	search
Middle															
Andaman	Indian													Ali et al.	Literature
Island	Ocean	N Indian	NA	rocks	bulk	NA	P	NA	NA	-5.2	92.92	12.91	NA	(2015)	search
	Indian													Ali et al.	Literature
Neil Island	Ocean	N Indian	NA	rocks	bulk	NA	P	NA	NA	-7.6	93.03	11.84	NA	(2015)	search
														Allegre et al.	Literature
Anahef 112	Africa	Algeria	Ahaggar	rocks	bulk	NA	P	NA	0.5129	4.53	6.99	24.18	NA	(1981)	search
														Allegre et al.	Literature
Anahef 126	Africa	Algeria	Ahaggar	rocks	bulk	NA	P	NA	0.513	6.87	6.99	24.18	NA	(1981)	search
														Allegre et al.	Literature
Atakor 89	Africa	Algeria	Ahaggar	rocks	bulk	NA	P	NA	0.5129	4.72	5.72	23.31	NA	(1981)	search
														Allegre et al.	
Tahalra 23	Africa	Algeria	Ahaggar	rocks	bulk	NA	P	NA	0.513	6.28	4.9	22.66	NA	(1981)	search
														Allegre et al.	Literature
Tahalra 74	Africa	Algeria	Ahaggar	rocks	bulk	NA	P	NA	0.5129	4.6	4.9	22.66	NA	(1981)	search
		Republic of	Congo River	river										Allegre et al.	Literature
Alima	Africa	Congo	Basin	sediment	bulk	NA	P	NA	0.5119	-14.57	-1.55	16.44	NA	(1996)	search
		Republic of	Congo River	river						_				Allegre et al.	Literature
Congo 42	Africa	Congo	Basin	sediment	bulk	NA	P	NA	0.5118	-16.68	-0.84	17.44	NA	(1996)	search
			Congo River	river										Allegre et al.	Literature
Congo 64	Africa	Congo	Basin	sediment	bulk	NA	P	NA	0.5118	-15.35	-4.49	15.09	NA	(1996)	search
		Republic of	Congo River	river										Allegre et al.	Literature
Kasai	Africa	Congo	Basin	sediment	bulk	NA	P	NA	0.5118	-15.92	-3.06	16.49	NA	(1996)	search

		Republic of	Congo River	river										Allegre et al.	Literature
Likouala	Africa	Congo	Basin	sediment	bulk	NA	P	NA	0.5117	-18.22	-1.1	16.78	NA	(1996)	search
		Republic of	Congo River	river										Allegre et al.	Literature
Lobaye	Africa	Congo	Basin	sediment	bulk	NA	P	NA	0.512	-12.91	3.89	18.58	NA	(1996)	search
		Republic of	Congo River	river										Allegre et al.	Literature
Oubangui 1	Africa	Congo	Basin	sediment	bulk	NA	P	NA	0.5118	-16.09	4.72	19	NA	(1996)	search
Oubangui		Republic of	Congo River	river										Allegre et al.	Literature
34	Africa	Congo	Basin	sediment	bulk	NA	P	NA	0.5117	-17.71	0.18	17.96	NA	(1996)	search
		Republic of	Congo River	river										Allegre et al.	Literature
Sangha	Africa	Congo	Basin	sediment	bulk	NA	P	NA	0.5119	-14.73	-0.94	17.07	NA	(1996)	search
		Republic of	Congo River	river										Allegre et al.	Literature
Zaire	Africa	Congo	Basin	sediment	bulk	NA	P	NA	0.5117	-17.19	-0.26	18.01	NA	(1996)	search
Eastern															
Indo														Allen et al.	
Burman														(2008); Ali et	Literature
Ranges	Asia	India	NA	rocks	bulk	NA	P	NA	NA	-4	94.21	19.33	NA	al. (2015)	search
Carribean	Atlantic													Arndt &	
Plateau	Ocean	W Atlantic	Carribean	rocks	bulk	NA	P	10	NA	4.1	-80	13	NA	Weis (2002)	Jeandel
Ontong															
Java	Pacific		Solomon											Arndt &	
Plateau	Ocean	SW Pacific	Islands	rocks	bulk	NA	P	10	NA	1.8	160	-10	NA	Weis (2002)	Jeandel
														Baker et al.	
W Yemen	Africa	Arabia	Yemen	rocks	bulk	NA	P	37	NA	4.1	43	15	NA	(1996)	Jeandel
			Wau-an			paleogene								Bardintzeff	Literature
W2	Africa	Libya	Namus	rocks	bulk	basalts	P	58.66	0.5129	5.6	17.75	24.93	NA	et al. (2012)	search
			Wau-an			paleogene								Bardintzeff	Literature
W3	Africa	Libya	Namus	rocks	bulk	basalts	P	36.83	0.5129	5.54	17.5	25.1	NA	et al. (2012)	search
						paleogene								Bardintzeff	Literature
W5	Africa	Libya	Al Haruj	rocks	bulk	basalts	P	19.75	0.5129	5.09	17.24	25.22	NA	et al. (2012)	search
	Atlantic			marine	detrital									Bayon et al.	Literature
KZAI-01	Ocean	SE Atlantic	Congo Fan	sediment	residue	NA	H	32.6	0.5118	-16.07	11	-5.5	914	(2009)	search
	Atlantic			marine	detrital									Bayon et al.	Literature
KZAI-01	Ocean	SE Atlantic	Congo Fan	sediment	residue	NA	H	41.6	0.5118	-16.05	11	-5.5	914	(2009)	search
	Atlantic			marine	detrital									Bayon et al.	Literature
KZAI-01	Ocean	SE Atlantic	Congo Fan	sediment	residue	NA	Н	40	0.5118	-16.33	11	-5.5	914	(2009)	search
	Atlantic			marine	detrital									Bayon et al.	Literature
KZAI-01	Ocean	SE Atlantic	Congo Fan	sediment	residue	NA	H	34.5	0.5118	-16.31	11	-5.5	914	(2009)	search
	Atlantic			marine	detrital									Bayon et al.	Literature
KZAI-01	Ocean	SE Atlantic	Congo Fan	sediment	residue	NA	LGM	28.4	0.5118	-16.13	11	-5.5	914	(2009)	search
	Atlantic			marine	detrital									Bayon et al.	Literature
KZAI-01	Ocean	SE Atlantic	Congo Fan	sediment	residue	NA	LGM	25	0.5118	-15.66	11	-5.5	914	(2009)	search

	Atlantic				HH on decarb.									Bayon et al.	Literature
KZAI-01	Ocean	SE Atlantic	Congo Fan	leachates	sediment	NA	Н	NA	0.5118	-16.05	11	-5.5	914	(2009)	search
					HH on										
KZAI-01	Atlantic	CE A4141-	C F	1	decarb.	NA	Н	NA	0.5118	15.25	11	<i>5 5</i>	014	Bayon et al.	Literature
KZAI-UI	Ocean	SE Auanuc	Congo Fan	leachates	sediment HH on	INA	п	NA	0.3118	-13.33	11	-5.5	914	(2009)	search
	Atlantic				decarb.									Bayon et al.	Literature
KZAI-01	Ocean	SE Atlantic	Congo Fan	leachates	sediment	NA	Н	NA	0.5118	-16.09	11	-5.5	914	(2009)	search
	Atlantic		Gulf of	marine	detrital									Bayon et al.	Literature
N1-KSF-01	Ocean	E Atlantic	Guinea	sediment	residue	NA	P	NA	NA	-11.79	6.85	2.93	NA	(2011)	search
	Atlantic		Gulf of	marine	detrital									Bayon et al.	Literature
N1-KSF-42	Ocean	E Atlantic	Guinea	sediment	residue	NA	P	NA	NA	-11.7	6.85	2.93	NA	(2011)	search
		Equatorial	Ogooue	river										Bayon et al.	Literature
Ogooue	Africa	Guinea	River	sediment	bulk	NA	P	NA	NA	-24	8.93	-0.99	NA	(2011)	search
A 1	Г	Г	NIA	river	1 11	2.62	D	NT A	0.510	11.6	1 47	42.40	NT A	Bayon et al.	Literature
Adour	Europe	France	NA	sediment	bulk	2-63 μm	P	NA	0.512	-11.6	-1.47	43.49	NA	(2015)	search
Adour	Europe	France	NA	river sediment	bulk	< 2 \mu m	P	NA	0.5121	-11	-1.47	43.49	NA	Bayon et al. (2015)	Literature search
Adoui	Europe	Trance	IVA	river	Duik	< 2 μ ιιι	1	IVA	0.5121	-11	-1.47	43.49	IVA	Bayon et al.	Literature
Adour	Europe	France	NA	sediment	NA	$< 2 \mu \mathrm{m}$	P	NA	NA	-11	-1.47	43.49		(2015)	search
114041	Larepe	1141100	- 1111	river	- 1111	1 = p: 111		- 1111	- 1111			101.15		Bayon et al.	Literature
Amu Darya	Asia	Uzbekistan	NA	sediment	bulk	$2-63  \mu  \text{m}$	P	NA	0.5122	-9	60.12	42.22	NA	(2015)	search
-				river										Bayon et al.	Literature
Amu Darya	Asia	Uzbekistan	NA	sediment	bulk	$< 2 \mu\mathrm{m}$	P	NA	0.5122	-8.8	60.12	42.22	NA	(2015)	search
				river										Bayon et al.	Literature
Blackwater	Europe	Ireland	NA	sediment	bulk	$2$ -63 $\mu$ m	P	NA	0.512	-12.6	-6.58	54.51	NA	(2015)	search
				river										Bayon et al.	Literature
Blackwater	Europe	Ireland	NA	sediment	bulk	< 2 μ m	P	NA	0.512	-11.6	-6.58	54.51	NA	(2015)	search
Chao				marine	detrital		_							Bayon et al.	Literature
Phraya	Asia	Thailand	NA	sediment	residue	2-63 μm	Р	NA	0.5121	-9.8	100.58	13.57	NA	(2015)	search
Chao		TP1 '1 1	NIA	marine	detrital		D	NT A	0.5122	0.4	100.50	12.57	NT A	Bayon et al.	Literature
Phraya	Asia	Thailand	NA	sediment	residue	< 2 μ m	P	NA	0.5122	-8.4	100.58	13.57	NA	(2015)	search
Chubut	America	Argentina	NA	river sediment	bulk	2-63 μm	P	NA	0.5126	-1.6	-65.2	-43.25	NA	Bayon et al. (2015)	Literature search
Chabat	America	Argenuna	INA	river	Dulk	2-03 µ III	1	11/7	0.3120	-1.0	-03.2	-43.43	IVA	Bayon et al.	Literature
Chubut	America	Argentina	NA	sediment	bulk	$< 2 \mu \mathrm{m}$	P	NA	0.5126	-0.4	-65.2	-43.25	NA	(2015)	search
			- 12.2	marine	detrital	- J	-	- 11.2			-2.2	.5.25	- 11. 2	Bayon et al.	Literature
Congo	Africa	DRC	NA	sediment	residue	2-63 μm	P	NA	0.5118	-15.8	11.23	-5.7	NA	(2015)	search
				marine	detrital	,								Bayon et al.	Literature
Congo	Africa	DRC	NA	sediment	residue	$< 2 \mu \mathrm{m}$	P	NA	0.5118	-15.5	11.23	-5.7	NA	(2015)	search

Denuka	E	D	NI A	marine	detrital	2.62	D	NIA	0.5122	0.5	20.62	45.06	NT A	Bayon et al.	
Danube	Europe	Romania	NA	sediment	residue	2-63 μm	P	NA	0.5122	-8.5	29.62	45.06	NA	(2015)	search
Don	Asia	Russia	NA	river sediment	bulk	2-63 μm	P	NA	0.5121	-11	39.1	47.29	NA	Bayon et al. (2015)	Literature search
	risia	Kussia	11/1	river	Oulk	2-03 μ m	1	11/1	0.5121	-11	37.1	77.27	1471	Bayon et al.	Literature
Don	Asia	Russia	NA	sediment	bulk	$< 2 \mu \mathrm{m}$	P	NA	0.5122	-9.3	39.1	47.29	NA	(2015)	search
				river		. – /								Bayon et al.	Literature
Elorn	Europe	France	NA	sediment	bulk	$2-63 \mu  \text{m}$	P	NA	0.5121	-11.2	-4.38	48.4	NA	(2015)	search
				river										Bayon et al.	Literature
Elorn	Europe	France	NA	sediment	bulk	$< 2 \mu \mathrm{m}$	P	NA	0.5121	-10.9	-4.38	48.4	NA	(2015)	search
-				marine	detrital									Bayon et al.	Literature
Fly	Australia	PNG	NA	sediment	residue	$2-63 \mu \mathrm{m}$	P	NA	0.5124	-4.9	144	-8.67	NA	(2015)	search
				marine	detrital									Bayon et al.	Literature
Fly	Australia	PNG	NA	sediment	residue	$< 2 \mu \mathrm{m}$	P	NA	0.5124	-3.8	144	-8.67	NA	(2015)	search
				river										Bayon et al.	Literature
Foyle	Europe	Ireland	NA	sediment	bulk	$2-63  \mu  \text{m}$	P	NA	0.5118	-16	-7.45	54.76	NA	(2015)	search
				river										Bayon et al.	Literature
Foyle	Europe	Ireland	NA	sediment	bulk	< 2 μ m	P	NA	0.5119	-15.2	-7.45	54.76	NA	(2015)	search
-		<i>a</i> .		marine	detrital	2.60		***	0.5100	0.5	100.05	10.16		Bayon et al.	Literature
Fraser	America	Canada	NA	sediment	residue	2-63 μm	P	NA	0.5122	-8.5	-123.37	49.16	NA	(2015)	search
F	A	C1-	NT A	marine	detrital	. 2	D	NT A	0.5124	4.2	122.27	40.16	NT A	Bayon et al.	Literature
Fraser	America	Canada	NA	sediment	residue	< 2 \mu m	P	NA	0.5124	-4.2	-123.37	49.16	NA	(2015)	search
Glenariff	Europe	Ireland	NA	river sediment	bulk	2-63 μm	P	NA	0.5128	3.7	-6.11	55.02	NA	Bayon et al. (2015)	Literature search
Gichariff	Europe	ITCIanu	INA	river	ouik	2-03 μ III	1	INA	0.5126	3.1	-0.11	33.02	INA	Bayon et al.	Literature
Glenariff	Europe	Ireland	NA	sediment	bulk	< 2 \mu m	P	NA	0.5128	3.7	-6.11	55.02	NA	(2015)	search
Gienariii	Burope	Tremma	1171	river	ounc	ν 2 μ π	-	1171	0.5120	5.7	0.11	33.02	1111	Bayon et al.	Literature
Guadiana	Europe	Portugal	NA	sediment	bulk	$< 2 \mu \mathrm{m}$	P	NA	0.5121	-9.5	-7.42	37.21	NA	(2015)	search
	1			river		,		· · · · · · · · · · · · · · · · · · ·						Bayon et al.	Literature
Kamchatka	Asia	Russia	NA	sediment	bulk	$< 2 \mu \mathrm{m}$	P	NA	0.513	7.2	162.5	56.2	NA	(2015)	search
				river		,								Bayon et al.	Literature
Kiiminkijoki	Europe	Finland	NA	sediment	bulk	$2-63 \mu \mathrm{m}$	P	NA	0.5115	-23.1	25.73	65.13	NA	(2015)	search
				river										Bayon et al.	Literature
Kiiminkijoki	Europe	Finland	NA	sediment	bulk	$< 2 \mu\mathrm{m}$	P	NA	0.5115	-22.9	25.73	65.13	NA	(2015)	search
				river										Bayon et al.	Literature
Kymijoki	Europe	Finland	NA	sediment	bulk	$2$ -63 $\mu$ m	P	NA	0.5117	-19.2	26.91	60.46	NA	(2015)	search
				river										Bayon et al.	Literature
Kymijoki	Europe	Finland	NA	sediment	bulk	$< 2 \mu \mathrm{m}$	P	NA	0.5116	-19.8	26.91	60.46	NA	(2015)	search
				river										Bayon et al.	Literature
Loire	Europe	France	NA	sediment	NA	2-63 μm	P	NA	NA	-8.3	-1.9	47.28		(2015)	search
	-			river		•	-	***	37.4	<b>=</b> 0	1.0	47.00		Bayon et al.	Literature
Loire	Europe	France	NA	sediment	NA	$< 2 \mu \mathrm{m}$	P	NA	NA	-7.9	-1.9	47.28		(2015)	search

Lower	-			river		2.62			0.5100	0.0	C 10	5106	***	Bayon et al.	Literature
Bann	Europe	Ireland	NA	sediment	bulk	2-63 μm	P	NA	0.5122	-8.9	-6.48	54.86	NA	(2015)	search
Lower	Г	7 1 1	NTA	river	1 11		D	NTA	0.5122	0.0	6.40	54.06	NTA	Bayon et al.	Literature
Bann	Europe	Ireland	NA	sediment	bulk	< 2 μ m	P	NA	0.5122	-8.9	-6.48	54.86	NA	(2015)	search
T 1	Г	N	NTA	river	1 11	2.62	D	NTA	0.5117	10	21.02	(5.60	NTA	Bayon et al.	Literature
Lule	Europe	Norway	NA	sediment	bulk	2-63 μm	P	NA	0.5117	-18	21.82	65.68	NA	(2015)	search
Y 1		N	27.4	river		2	D	27.4	0.5116	20.4	21.02	65.60	27.4	Bayon et al.	Literature
Lule	Europe	Norway	NA	sediment	bulk	< 2 μ m	P	NA	0.5116	-20.4	21.82	65.68	NA	(2015)	search
M 17 :		C 1	NTA	marine	NTA	2.62	D	NTA	NTA	10	127.00	(0.26		Bayon et al.	Literature
MacKenzie	America	Canada	NA	sediment	NA	2-63 μm	P	NA	NA	-13	-137.29	69.26		(2015)	search
M 17 :		G 1	27.4	marine	27.4	2	D	27.4	27.4	10.0	127.20	(0.2(		Bayon et al.	Literature
MacKenzie	America	Canada	NA	sediment	NA	< 2 μ m	P	NA	NA	-12.2	-137.29	69.26		(2015)	search
				river		2.60		***	0.5110	440	00.05	10.10		Bayon et al.	Literature
Mae Klong	Asia	Thailand	NA	sediment	bulk	2-63 μm	P	NA	0.5119	-14.3	99.95	13.43	NA	(2015)	search
				river		_	_							Bayon et al.	Literature
Mae Klong	Asia	Thailand	NA	sediment	bulk	< 2 μ m	P	NA	0.5119	-13.7	99.95	13.43	NA	(2015)	search
				river										Bayon et al.	Literature
Maine	Europe	Ireland	NA	sediment	NA	$2-63  \mu  \text{m}$	P	NA	NA	0.1	-6.32	54.75		(2015)	search
				river										Bayon et al.	Literature
Maine	Europe	Ireland	NA	sediment	NA	< 2 μ m	P	NA	NA	0.6	-6.32	54.75		(2015)	search
				river										Bayon et al.	Literature
Mayenne	Europe	France	NA	sediment	bulk	$2-63  \mu  \text{m}$	P	NA	0.5121	-9.6	-0.55	47.5	NA	(2015)	search
				river										Bayon et al.	Literature
Mayenne	Europe	France	NA	sediment	bulk	$< 2 \mu \mathrm{m}$	P	NA	0.5121	-9.5	-0.55	47.5	NA	(2015)	search
				marine	detrital									Bayon et al.	Literature
Mekong	Asia	Cambodia	NA	sediment	residue	$2-63 \mu \mathrm{m}$	P	NA	0.5121	-10.5	105.06	10.96	NA	(2015)	search
				marine	detrital									Bayon et al.	Literature
Mekong	Asia	Cambodia	NA	sediment	residue	$< 2 \mu \mathrm{m}$	P	NA	0.5122	-8.6	105.06	10.96	NA	(2015)	search
				marine										Bayon et al.	Literature
Mississippi	America	USA	NA	sediment	NA	$2-63 \mu \mathrm{m}$	P	NA	NA	-12.3	-89.49	28.93		(2015)	search
				marine										Bayon et al.	Literature
Mississippi	America	USA	NA	sediment	NA	$< 2 \mu \mathrm{m}$	P	NA	NA	-10.8	-89.49	28.93		(2015)	search
				river										Bayon et al.	Literature
Moyola	Europe	Ireland	NA	sediment	bulk	$2-63 \mu \mathrm{m}$	P	NA	0.5118	-16.2	-6.52	54.75	NA	(2015)	search
				river										Bayon et al.	Literature
Moyola	Europe	Ireland	NA	sediment	bulk	$< 2 \mu \mathrm{m}$	P	NA	0.5118	-16.1	-6.52	54.75	NA	(2015)	search
				river										Bayon et al.	Literature
Murray	Australia	Australia	NA	sediment	bulk	$2-63  \mu  \text{m}$	P	NA	0.5123	-6.9	139.23	-35.41	NA	(2015)	search
				river										Bayon et al.	Literature
Murray	Australia	Australia	NA	sediment	bulk	$< 2 \mu \mathrm{m}$	P	NA	0.5123	-5.9	139.23	-35.41	NA	(2015)	search
				marine	detrital	<u> </u>								Bayon et al.	Literature
Niger	Africa	Nigeria	NA	sediment	residue	$2-63 \mu  \text{m}$	P	NA	0.512	-11.9	6.68	3.2	NA	(2015)	search
						•									

-				marine	detrital									Bayon et al.	Literature
Nile	Africa	Egypt	NA	sediment	residue	$2$ -63 $\mu$ m	P	NA	0.5121	-9.6	30.38	32.51	NA	(2015)	search
				marine	detrital									Bayon et al.	Literature
Nile	Africa	Egypt	NA	sediment	residue	$< 2 \mu \mathrm{m}$	P	NA	0.5123	-7.1	30.38	32.51	NA	(2015)	search
Northern				river										Bayon et al.	Literature
Dvina	Asia	Russia	NA	sediment	bulk	$2-63  \mu  \text{m}$	P	NA	0.5118	-17.1	39	65.09	NA	(2015)	search
Northern				river										Bayon et al.	Literature
Dvina	Asia	Russia	NA	sediment	bulk	< 2 μ m	P	NA	0.5117	-17.7	39	65.09	NA	(2015)	search
				river										Bayon et al.	Literature
Orinoco	America	Venezuela	NA	sediment	bulk	$2$ -63 $\mu$ m	P	NA	0.512	-13.2	-66.18	7.65	NA	(2015)	search
				river										Bayon et al.	Literature
Orinoco	America	Venezuela	NA	sediment	bulk	< 2 μ m	P	NA	0.5119	-13.8	-66.18	7.65	NA	(2015)	search
				marine	detrital									Bayon et al.	Literature
Red River	Asia	Vietnam	NA	sediment	residue	2-63 μm	P	NA	0.512	-12.8	106.52	20.26	NA	(2015)	search
				marine	detrital									Bayon et al.	Literature
Red River	Asia	Vietnam	NA	sediment	residue	< 2 μ m	P	NA	0.512	-12.2	106.52	20.26	NA	(2015)	search
				river										Bayon et al.	Literature
Rhine	Europe	Netherlands	NA	sediment	bulk	2-63 μm	P	NA	0.5122	-9.1	4.48	51.91	NA	(2015)	search
				river										Bayon et al.	Literature
Rhine	Europe	Netherlands	NA	sediment	bulk	< 2 μ m	P	NA	0.5122	-9.3	4.48	51.91	NA	(2015)	search
				river										Bayon et al.	Literature
Rio Aro	America	Venezuela	NA	sediment	bulk	2-63 μm	P	NA	0.5112	-28.5	-64.01	7.39	NA	(2015)	search
				river										Bayon et al.	Literature
Rio Aro	America	Venezuela	NA	sediment	bulk	$< 2 \mu \mathrm{m}$	P	NA	0.5113	-25.2	-64.01	7.39	NA	(2015)	search
				river										Bayon et al.	Literature
Rio Caroni	America	Venezuela	NA	sediment	bulk	2-63 μm	P	NA	0.5116	-21.1	-62.71	8.33	NA	(2015)	search
				river		_								Bayon et al.	Literature
Rio Caroni	America	Venezuela	NA	sediment	bulk	< 2 μ m	P	NA	0.5116	-20.9	-62.71	8.33	NA	(2015)	search
				river										Bayon et al.	Literature
Rio Caura	America	Venezuela	NA	sediment	bulk	2-63 μm	P	NA	0.5116	-21	-64.94	7.58	NA	(2015)	search
				river		_								Bayon et al.	Literature
Rio Caura	America	Venezuela	NA	sediment	bulk	< 2 μ m	P	NA	0.5116	-21.1	-64.94	7.58	NA	(2015)	search
~ .	_	_		river			_							Bayon et al.	Literature
Seine	Europe	France	NA	sediment	bulk	2-63 μm	P	NA	0.512	-11.5	0.42	49.47	NA	(2015)	search
	_	_		river		_								Bayon et al.	Literature
Seine	Europe	France	NA	sediment	bulk	< 2 μ m	P	NA	0.5121	-11.3	0.42	49.47	NA	(2015)	search
~	_			river			_							Bayon et al.	Literature
Shannon	Europe	Eire	NA	sediment	bulk	2-63 μm	P	NA	0.512	-11.5	-8.91	52.69	NA	(2015)	search
	_			river		_								Bayon et al.	Literature
Shannon	Europe	Eire	NA	sediment	bulk	< 2 μ m	P	NA	0.5121	-11.2	-8.91	52.69	NA	(2015)	search
a	_			river			_				- ، د			Bayon et al.	Literature
Six Mile	Europe	Ireland	NA	sediment	bulk	2-63 μm	P	NA	0.5125	-2.8	-6.15	54.7	NA	(2015)	search

Six Mile	Europe	Ireland	NA	river sediment	bulk	< 2 µ m	P	NA	0.5125	-3.2	-6.15	54.7	NA	Bayon et al. (2015)	Literature search
Swilly	Europe	Ireland	NA	river sediment	bulk	2-63 μm	P	NA	0.512	-13.3	-7.81	54.93	NA	Bayon et al. (2015)	Literature search
Swilly	Europe	Ireland	NA	river sediment	bulk	< 2 μ m	P	NA	0.5119	-13.9	-7.81	54.93	NA	Bayon et al. (2015)	Literature search
Tana	-		NA	river sediment		,		NA	NA	-21.7	28.19	70.2		Bayon et al. (2015)	Literature
Tana	Europe	Norway	NA	river	NA	2-63 μm	P		INA					Bayon et al.	search Literature
Tana	Europe	Norway	NA	river	NA	< 2 μ m	P	NA	NA	-23	28.19	70.2		(2015) Bayon et al.	search Literature
Ume	Europe	Sweden	NA	sediment	bulk	2-63 μm	P	NA	0.5117	-17.6	20.27	63.72	NA	(2015)	search
Ume	Europe	Sweden	NA	river sediment	bulk	< 2 µ m	P	NA	0.5117	-18.7	20.27	63.72	NA	Bayon et al. (2015)	Literature search
Var	Europe	France	NA	river sediment	bulk	2-63 μm	P	NA	0.5121	-10.4	7.2	43.67	NA	Bayon et al. (2015)	Literature search
Var	Europe	France	NA	river sediment	bulk	< 2 \mu m	P	NA	0.5121	-10.7	7.2	43.67	NA	Bayon et al. (2015)	Literature search
Vistula	Europe	Poland	NA	marine sediment	detrital residue	2-63 μm	P	NA	0.5119	-14.5	19.28	54.65	NA	Bayon et al. (2015)	Literature search
Vistula	Europe	Poland	NA	marine sediment	detrita1 residue	< 2 μ m	P	NA	0.5119	-14.5	19.28	54.65	NA	Bayon et al. (2015)	Literature
				river		,								Bayon et al.	Literature
Volga	Asia	Russia	NA	sediment river	bulk	2-63 μm	P	NA	0.512	-11.8	47.92	45.71	NA	(2015) Bayon et al.	search Literature
Volga	Asia	Russia New	NA	sediment river	bulk	< 2 µ m	P	NA	0.5122	-9.5	47.92	45.71	NA	(2015) Bayon et al.	search Literature
Waikato	Australia	Zealand	NA	sediment	bulk	2-63 $\mu$ m	P	NA	0.5127	0.5	176.29	-38.49	NA	(2015)	search
Waikato	Australia	New Zealand	NA	river sediment	bulk	$< 2 \mu \mathrm{m}$	P	NA	0.5127	0.4	176.29	-38.49	NA	Bayon et al. (2015)	Literature search
Yangtze	Asia	China	NA	river sediment	bulk	2-63 μm	P	NA	0.5121	-11.4	121.01	31.62	NA	Bayon et al. (2015)	Literature search
Yangtze	Asia	China	NA	river sediment	bulk	< 2 μ m	P	NA	0.5121	-10.5	121.01	31.62	NA	Bayon et al. (2015)	Literature search
Yellow River		China	NA	marine	detrital residue	2-63 µm	P	NA	0.5121	-10.9	118.91	37.8	NA	Bayon et al. (2015)	Literature
Yellow	Asia			sediment	detrital	,								Bayon et al.	Literature
River	Asia	China	NA	sediment	residue	< 2 µ m paleogene	P	NA	0.512	-11.9	118.91	37.8	NA	(2015)	search
A2	Africa	Libya	Gharyan	rocks	bulk	(alkaline) basalts	P	NA	0.513	6.87	13.42	32	NA	Beccaluva et al. (2008)	Literature search

E1	Africa	Libya	Gharyan	rocks	bulk	paleogene basalts (hawaaite)	P	NA	0.513	6.09	13.42	32	NA	Beccaluva et al. (2008)	Literature search
E1	Anica	Libya	Gharyan	TOCKS	DUIK	(nawaane)	Г	INA	0.515	0.09	13.42	32	NA .	Bernstein et al. (1998);	scarcii
														Hansen and	
East	Atlantic						_	- 0			• •			Nielsen	
Greenland	Ocean	N Atlantic	Greenland	rocks	NA	NA	P	7.8	NA	4	-28	70.5	NA	(1999)	Jeandel
Eastern	A C	A1.:-	D- 1 C		111-	NT A	D	21.52	NT A	4.2	41	17.5	NT A	Beyth et al.	T1-1
Eritrea	Africa	Arabia	Red Sea	rocks	bulk	NA	P	21.53	NA	-4.2	41	17.5	NA	(1997)	Jeandel
Coyote		A1 1	F:1 1	soil	1 11	NT A	D	NT A	0.5117	10.7	1.47.02	(4.02	NTA	Biscaye et al.	External
Trail 1	America	Alaska	Fairbanks	sediment	bulk	NA	P	NA	0.5117	-18.7	-147.83	64.83	NA	(1997)	contribution
Coyote	A	A 11	Estable also	soil	111-	NT A	D	NT A	0.5110	17.2	1 47 92	64.92	NT A	Biscaye et al.	External
Trail 2	America	Alaska	Fairbanks	sediment	bulk	NA	P	NA	0.5118	-17.3	-147.83	64.83	NA	(1997)	contribution
Illinois				"1										D: 1	F . 1
Pankake		T111' '	NIA	soil	1 11	NY A	D	NT A	0.5110	140	00	40	NTA	Biscaye et al.	External
Hollow	America	Illinois	NA	sediment	bulk	NA	P	NA	0.5119	-14.9	-90	40	NA	(1997)	contribution
T4!	A =:=	CI.:	NI A	soil	111-	NT A	P	NT A	0.5122	0.2	100.22	24.1	NT A	Biscaye et al.	External
Lantian	Asia	China	NA	sediment	bulk	NA	Р	NA	0.5122	-9.3	109.32	34.1	NA	(1997)	contribution
T 1		C1 ·	NIA	soil	1 11	NT A	D	NT A	0.5101	10.2	100.47	25.02	NTA	Biscaye et al.	External
Luochan	Asia	China	NA	sediment	bulk	NA	P	NA	0.5121	-10.3	109.47	35.92	NA	(1997)	contribution
Minkhen		CII.	C 11 D	soil	1 11	37.4	ъ	27.4	0.5100	0.7	111.00	44.5	27.4	Biscaye et al.	External
Teg	Asia	China	Gobi Desert		bulk	NA	P	NA	0.5122	-8.7	114.32	44.5	NA	(1997)	contribution
36.1			F:1 1	soil	1 11	37.4	ъ	27.4	0.5110	17.0	1.47.00	64.00	27.4	Biscaye et al.	External
Moose Mt 1	America	Alaska	Fairbanks	sediment	bulk	NA	P	NA	0.5118	-17.2	-147.83	64.83	NA	(1997)	contribution
				soil		***	-	37.1	0.5116	21.2	1.47.00	64.00		Biscaye et al.	External
Moose Mt 2	America	Alaska	Fairbanks	sediment	bulk	NA	P	NA	0.5116	-21.2	-147.83	64.83	NA	(1997)	contribution
Naran		CII.	C 11 D	soil	1 11	37.4	ъ	27.4	0.5100	5.0	111.00	44.5	27.4	Biscaye et al.	
Bulak	Asia	China	Gobi Desert		bulk	NA	P	NA	0.5123	-5.8	114.32	44.5	NA	(1997)	contribution
D 11		XX7 1	27.4	soil	1 11	37.4	ъ	27.4	0.5110	15.7	117.15	46.77	27.4	Biscaye et al.	External
Pullman	America	Washington	NA	sediment	bulk	NA	P	NA	0.5118	-15.7	-117.15	46.77	NA	(1997)	contribution
Scarboroug				soil		***	-	37.1	0.510	12.2	<b>50.42</b>	40.5		Biscaye et al.	
h Bluff	America	Canada	Toronto	sediment	bulk	NA	P	NA	0.512	-13.3	-79.42	43.7	NA	(1997)	contribution
Ukhaa		CT :	a	soil		***	-	37.1	0.5100	<b>.</b> 0	11100			Biscaye et al.	External
Tolgod	Asia	China	Gobi Desert		bulk	NA	P	NA	0.5123	-5.9	114.32	44.5	NA	(1997)	contribution
** ** ** *		CT :	27.1	soil				37.1	0.510:	44.0	100.10	20.25		Biscaye et al.	External
Yulin Hotel	Asia	China	NA	sediment	bulk	NA	P	NA	0.5121	-11.3	109.48	38.27	NA	(1997)	contribution
			Vestfold												
			Hills, Prydz												
		_	Bay												~ .
*****		Ε	(general avg				_							Black et al.	Cook-
VH19	Antarctica	Antarctica	values)	rocks	NA	NA	P	NA	0.5107	-38.68	78.25	-68.55	NA	(1991)	Williams

			Vestfold												
			Hills, Prydz												
		Г	Bay											D1 1 4 1	0.1
VIIIO	A	Ε	(general avg		NT A	NT A	D	NT A	0.5111	20.05	70.05	(0.55	NTA	Black et al.	Cook-
VH26	Antarctica	Antarctica	values)	rocks	NA	NA	P	NA	0.5111	-29.85	78.25	-68.55	NA	(1991)	Williams
			Vestfold												
			Hills, Prydz												
			Bay											DI 1 . 1	G 1
VIII	A44:	E	(general avg		NIA	NI A	P	NT A	0.5112	27.20	70.05	60.55	NIA	Black et al.	Cook-
VH27		Antarctica	values)	rocks	NA	NA	Р	NA	0.5112	-21.39	78.25	-68.55	NA	(1991)	Williams
D262 2/22	Mediterran ean Sea		Nile Delta	marine	detrital	NI A	P	NT A	0.5124	5.60	29.75	31.68	NIA	Blanchet et	D1 b 4
P362-2/33	ean Sea	Basin	Mile Della	sediment	residue	NA	Р	NA	0.5124	-5.69	29.13	31.08	NA	al. (2014)	Blanchet
														Borg and	Cook-
		Miller	Krieling											dePaolo	Williams/Lite
85 DCT M2	Antarctica	Range	Mesa	rocks	bulk	NA	P	45.99	0.511	-15.81	158.08583	-83.18556	NA	(1994)	rature search
33 B C 1 1112	Timaretica	runge	West	TOURS	bun	1171	-	15.55	0.511	15.01	130.00303	05.10550	1121	(1331)	Tutare search
														Borg and	Cook-
86 BMR		Miller	Aurora											dePaolo	Williams/Lite
M24	Antarctica	Range	Heights	rocks	bulk	NA	P	31.74	0.5104	-28.15	157.13556	-83.12556	NA	(1994)	rature search
														(222.1)	
														Borg and	Cook-
86 BMR		Miller												dePaolo	Williams/Lite
M28	Antarctica	Range	Camp Ridge	rocks	bulk	NA	P	38.72	0.5105	-26.03	156.01139	-83.14944	NA	(1994)	rature search
														Borg and	Cook-
86 BMR		Miller	Gerard											dePaolo	Williams/Lite
M36A	Antarctica	Range	Bluffs	rocks	bulk	NA	P	13.37	0.5113	-10.55	157.2775	-83.61028	NA	(1994)	rature search
														Borg and	Cook-
86 BMR		Miller												dePaolo	Williams/Lite
M37	Antarctica	Range	Orr Peak	rocks	bulk	NA	P	70.16	0.5103	-30.81	157.80806	-83.49139	NA	(1994)	rature search
														_	
														Borg and	Cook-
86 BMR		Miller	G 511					25.51	0.546	22.22	45600000	00.44505		dePaolo	Williams/Lite
M39	Antarctica	Range	Camp Ridge	rocks	bulk	NA	P	25.74	0.5101	-33.33	156.03361	-83.14722	NA	(1994)	rature search
														Doro and	Cook-
89 BBG		Ryrd	Darnell											Borg and dePaolo	Williams/Lite
101A	Antorotics	Byrd Glacier		roolse	bull.	NA	P	47.27	0.511	15 42	155.90917	80 45280	NA	(1994)	
101A	Antarctica	Giacier	Nunatak	rocks	bulk	INA	P	41.21	0.311	-13.43	133.9091/	-00.43389	INA	(1994)	rature search

89 BBG 101B	Antarctica	Byrd Glacier	Darnell Nunatak	rocks	bulk	NA	P	44.43	0.5111	-14.11	155.90917	-80.45389	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
89 BBG 113	Antarctica	Byrd Glacier	Brown Hills	rocks	bulk	NA	P	47.47	0.5112	-12.78	159.72222	-79.78056	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
89 DBG 4	Antarctica	Byrd Glacier	Bastion Hill	rocks	bulk	NA	P	27.16	0.5112	-11.8	158.27194	-79.84444	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
89 DDU 4	Antarctica	Adelie Coast	Dumont D'Urville	rocks	bulk	NA	P	41.76	0.5106	-23.23	139.76667	-66.7	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
A82-182	Antarctica	Dry Valleys	Dry Valleys area	rocks	bulk	NA	P	23.56	0.5115	-6.55	162	-77.5	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
A83-82	Antarctica	Dry Valleys	Dry Valleys area	rocks	bulk	NA	P	17	0.5115	-7.09	162	-77.5	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
A84-239	Antarctica	Dry Valleys	Dry Valleys area	rocks	bulk	NA	P	34.1	0.5113	-10.82	162	-77.5	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
A84-256	Antarctica	Dry Valleys	Dry Valleys area	rocks	bulk	NA	P	18.67	0.5113	-9.96	162	-77.5	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
AL 1965	Antarctica	Surgeon Island	NA	rocks	bulk	NA	P	NA	0.511	-15.61	166.983	-70.667	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
AL 1968	Antarctica	Surgeon Island	NA	rocks	bulk	NA	P	NA	0.511	-16.61	166.983	-70.667	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search

AL 1975	Antarctica	Cooper Spur	NA	rocks	bulk	NA	P	NA	0.5112	-11.55	165.05	-70.633	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
HM 1	Antarctica	Horlick Mts.	NW Ford Nun.	rocks	bulk	NA	P	50.44	0.5116	-4.83	-131.73333	-85.54167	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
HM 14A	Antarctica	Horlick Mts.	Spear Nunatak	rocks	bulk	NA	P	10.81	0.5123	9.53	-124.09333	-86.53333	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
HM 16	Antarctica	Horlick Mts.	Savage Nunatak	rocks	bulk	NA	P	6.61	0.5117	-3.28	-124.89667	-86.45333	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
HM 3	Antarctica	Horlick Mts.	Feeley Peak	rocks	bulk	NA	P	30.67	0.5114	-7.8	-126.6	-85.45	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
HM 33	Antarctica	Horlick Mts.	S of Gratton Nun.	rocks	bulk	NA	P	28.54	0.5115	-5.69	-127.41833	-86.17167	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
HM 4B	Antarctica	Horlick Mts.	Treves Butte	rocks	bulk	NA	P	39.1	0.5114	-8.77	-114.36667	-84.7	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
HM 5	Antarctica	Horlick Mts.	Darling Ridge	rocks	bulk	NA	P	17.25	0.5115	-6.55	-115.93333	-84.75	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
HM 9A	Antarctica	Horlick Mts.	McCrilliss Nunatak	rocks	bulk	NA	P	34.17	0.5114	-8.64	-128.93333	-85.44167	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
HM 9B	Antarctica	Horlick Mts.	McCrilliss Nunatak	rocks	bulk	NA	P	47.67	0.5114	-8.71	-128.93333	-85.44167	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search

NP 86-005	Antarctica	Shackleton Coast	nr Mt. Dick	rocks	bulk	NA	P	NA	0.5118	0.21	158.66667	-80.83333	NA	Borg and dePaolo (1994)	Cook- Williams/Lite rature search
														Borg and	Cook-
		Whitemore												dePaolo	Williams/Lite
WM1	Antarctica	Mountains	NA	rocks	bulk	NA	P	34.38	0.5116	-4.12	103.86	-82.43	NA	(1994)	rature search
		Е												Borg et al.	Cook-
ANG10	Antarctica	Antarctica	Yule Bay	rocks	bulk	NA	P	NA	0.5114	-7.89	166.66666	-70.7333	NA	(1987)	Williams
		Е	Daniels											Borg et al.	Cook-
ANG25	Antarctica	Antarctica	range	rocks	bulk	NA	P	NA	0.5112	-13.36	160	-71.5	NA	(1987)	Williams
														Boundy et al.	
W Norway	Europe	Norway	NA	rocks	NA	NA	P	16.75	NA	-14	5.25	60.5		(1997)	Jeandel
N-E	Atlantic						_							Bruekner et	
Greenland	Ocean	N Atlantic	Greenland	rocks	bulk	$<63 \mu \mathrm{m}$	P	7.06	NA	-13	-28	78	NA	al. (1998)	Jeandel
N-E	Atlantic									_				Bruekner et	
Greenland	Ocean	N Atlantic	Greenland	rocks	bulk	$< 2 \mu \mathrm{m}$	P	7.06	NA	-13	-28	78	NA	al. (1998)	Jeandel
			Taklimakan	soil		Sand (<75								Chen et al.	External
AKS-03_1	Asia	China	Desert (B)	sediment	bulk	$\mu$ m)	P	NA	0.512	-11.7	94.35	39.69	NA	(2007)	contribution
			Taklimakan	soil		Sand (<5								Chen et al.	External
$AKS\text{-}03\_2$	Asia	China	Desert (B)	sediment	bulk	$\mu$ m)	P	NA	0.5121	-10.7	94.35	39.69	NA	(2007)	contribution
			Badain												
			Jaran Desert	soil		Sand (<75								Chen et al.	External
BDJL-01_1	Asia	China	(B)	sediment	bulk	$\mu$ m)	P	NA	0.5121	-10.9	100.74	39.6	NA	(2007)	contribution
			Badain												
			Jaran Desert	soil		Sand (<5								Chen et al.	External
BDJL-01_2	Asia	China	(B)	sediment	bulk	$\mu$ m)	P	NA	0.5122	-8.3	100.74	39.6	NA	(2007)	contribution
			Badain							_					
			Jaran Desert	soil		Sand (<75								Chen et al.	External
BJ-04	Asia	China	(B)	sediment	bulk	$\mu$ m)	P	NA	0.5121	-9.8	102.47	39.77	NA	(2007)	contribution
			Badain							_					
			Jaran Desert	soil		Sand (<75								Chen et al.	External
BJ-05	Asia	China	(B)	sediment	bulk	$\mu$ m)	P	NA	0.5123	-7.4	102.25	41.95	NA	(2007)	contribution
			Badain				_								
			Jaran Desert	soil		Sand (<75								Chen et al.	External
BJ-06	Asia	China	(B)	sediment	bulk	$\mu$ m)	P	NA	0.5121	-10.2	101.58	42.02	NA	(2007)	contribution
			Badain				·								
			Jaran Desert			Sand (<75								Chen et al.	External
BJ-07	Asia	China	(B)	sediment	bulk	$\mu$ m)	P	NA	0.5122	-8.3	100.97	41.23	NA	(2007)	contribution

			Badain												
			Jaran Desert	soil		Sand (<75								Chen et al.	External
BJ-08	Asia	China	(B)	sediment	bulk	$\mu$ m)	P	NA	0.5121	-9.9	101.5	41.08	NA	(2007)	contribution
			Badain												
			Jaran Desert	soil		Sand (<75								Chen et al.	External
BJ-09	Asia	China	(B)	sediment	bulk	μm)	P	NA	0.5122	-8.4	100.63	40.93	NA	(2007)	contribution
			Onqin Daga												_
			Sandy Land	soil		Sand (<75								Chen et al.	External
BT-15	Asia	China	(A)	sediment	bulk	μm)	P	NA	0.5123	-6.3	111.95	43.69	NA	(2007)	contribution
			Onqin Daga												
DE 20 1		CT :	Sandy Land	soil		0 1 ( 75)	-	***	0.5100	<b>.</b> 0	1170	10.55		Chen et al.	External
BT-28_1	Asia	China	(A)	sediment	bulk	Sand (<75)	P	NA	0.5123	-5.9	115.9	42.75	NA	(2007)	contribution
			Onqin Daga	.,		0 1/5									T
BT-28_2	A aio	China	Sandy Land (A)	soil sediment	bulk	Sand (<5	P	NA	0.5123	-6.7	115.9	42.75	NA	Chen et al. (2007)	External contribution
B1-28_2	Asia	Cnina	Onqin Daga	sealment	DUIK	μm)	Р	NA	0.3123	-0./	113.9	42.73	NA	(2007)	contribution
			Sandy Land	soil										Chen et al.	External
BT-31	Asia	China	(A)	sediment	bulk	Sand (<75)	P	NA	0.5124	-4.4	116.1	43.42	NA	(2007)	contribution
<b>B1</b> 31	71310	Cilila	Horqin	sediment	oun	Sana (173)	-	1171	0.5124	7.7	110.1	73.72	1171	(2007)	contribution
			Sandy Land	soil										Chen et al.	External
BT-46	Asia	China	(A)	sediment	bulk	Sand (<75)	P	NA	0.5124	-5.6	121.45	43.3	NA	(2007)	contribution
			Horqin												
			Sandy Land	soil										Chen et al.	External
BT-48_1	Asia	China	(A)	sediment	bulk	Sand (<75)	P	NA	0.5123	-6.8	121.18	43.27	NA	(2007)	contribution
			Horqin												
			Sandy Land	soil		Sand (<5								Chen et al.	External
BT-48_2	Asia	China	(A)	sediment	bulk	$\mu$ m)	P	NA	0.5123	-6.7	121.18	43.27	NA	(2007)	contribution
			Horqin												_
			Sandy Land	soil										Chen et al.	External
BT-50	Asia	China	(A)	sediment	bulk	Sand (<75)	P	NA	0.5124	-5.3	120.81	43.05	NA	(2007)	contribution
			Onqin Daga												
DT 56		CIL:	Sandy Land	soil	1 11	0 1 ( 75)	ъ	27.4	0.5122	-	116.02	10.15	27.4	Chen et al.	External
BT-56	Asia	China	(A)	sediment	bulk	Sand (<75)	P	NA	0.5123	-7	116.83	42.15	NA	(2007)	contribution
			Hunlun Buir	:1										Cl 4 . 1	E4 1
BT-74	Asia	China	Sandy Land (A)	soil sediment	bulk	Sand (<75)	P	NA	0.5126	-0.8	119.27	49.27	NA	Chen et al. (2007)	External contribution
B1-/4	Asia	Cnina	Hunlun Buir	sealment	DUIK	Sand ( 3)</td <td>Р</td> <td>NA</td> <td>0.3120</td> <td>-0.8</td> <td>119.27</td> <td>49.27</td> <td>NA</td> <td>(2007)</td> <td>contribution</td>	Р	NA	0.3120	-0.8	119.27	49.27	NA	(2007)	contribution
			Sandy Land	soil										Chen et al.	External
BT-77_1	Asia	China	(A)	sediment	bulk	Sand (<75)	P	NA	0.5124	-4	119.73	49.27	NA	(2007)	contribution
D1 //_1	1 131u	- Cillia	Hunlun Buir	Scamon	Juik	Julia ( 3)</td <td></td> <td>11/1</td> <td>U.J12-T</td> <td>т .</td> <td>117.13</td> <td>12.41</td> <td>11/1</td> <td>(2007)</td> <td>2011a loudon</td>		11/1	U.J12-T	т .	117.13	12.41	11/1	(2007)	2011a loudon
			Sandy Land	soil		Sand (<5								Chen et al.	External
BT-77_2	Asia	China	(A)	sediment	bulk	μm)	P	NA	0.5124	-4.6	119.73	49.27	NA	(2007)	contribution
			` '	•		1 /							•	` '	

			Qaidam	soil										Chen et al.	External
CD-1	Asia	China	Desert (B)	sediment	bulk	Sand (<75)	P	NA	0.5121	-10.5	95.34	36.98	NA	(2007)	contribution
<u>CD 1</u>	7 1510	Cimia	Qaidam	soil	buik	Sana (175)		1171	0.5121	10.5	75.54	30.50	1171	Chen et al.	External
CD-2	Asia	China	Desert (B)	sediment	bulk	Sand (<75)	P	NA	0.5121	-10	94.45	37.12	NA	(2007)	contribution
	11010	Cimia	Qaidam	soil	ount	bana (175)	-		0.0121		75	07.112	-11.	Chen et al.	External
CD-4	Asia	China	Desert (B)	sediment	bulk	Sand (<75)	P	NA	0.5121	-10	94.03	37.48	NA	(2007)	contribution
			Qaidam	soil		()								Chen et al.	External
CD-5	Asia	China	Desert (B)	sediment	bulk	Sand (<75)	P	NA	0.5121	-10.2	93.75	37.99	NA	(2007)	contribution
			Qaidam	soil		Sand (<5								Chen et al.	External
DLHD-03	Asia	China	Desert (B)	sediment	bulk	μm)	P	NA	0.5121	-10.2	97.69	36.8	NA	(2007)	contribution
-			Gurbantung			<i>I</i> ,								. ,	
			gut Desert	soil										Chen et al.	External
G-10	Asia	China	(A)	sediment	bulk	Sand (<75)	P	NA	0.5126	-1.2	87.46	45.06	NA	(2007)	contribution
			Gurbantung												
			gut Desert	soil										Chen et al.	External
G-13_1	Asia	China	(A)	sediment	bulk	Sand (<75)	P	NA	0.5126	-1.6	88.28	45.51	NA	(2007)	contribution
			Gurbantung												
			gut Desert	soil		Sand (<5								Chen et al.	External
G-13_2	Asia	China	(A)	sediment	bulk	$\mu$ m)	P	NA	0.5124	-4	88.28	45.51	NA	(2007)	contribution
			Gurbantung												
			gut Desert	soil										Chen et al.	External
G-16	Asia	China	(A)	sediment	bulk	Sand (<75)	P	NA	0.5125	-3.3	89.11	45.6	NA	(2007)	contribution
			Loess, Loess	soil										Chen et al.	External
HX (1.5 m)	Asia	China	Plateau	sediment	bulk	NA	P	NA	0.5121	-9.7	107.32	36.62	NA	(2007)	contribution
			Loess, Loess											Chen et al.	External
LC (1.0 m)	Asia	China	Plateau	sediment	bulk	L1LL1 loess	P	NA	0.5121	-10	109.6	35.85	NA	(2007)	contribution
			Tengger	soil										Chen et al.	External
MQ-01	Asia	China	Desert (B)	sediment	bulk	Sand (<75)	P	NA	0.512	-11.7	103.11	38.64	NA	(2007)	contribution
		~ .	Qaidam	soil		Sand (<5	-							Chen et al.	External
NMH-02	Asia	China	Desert (B)	sediment	bulk	μm)	P	NA	0.5122	-9.1	96.42	36.38	NA	(2007)	contribution
		~ .	Mu Us	soil			-							Chen et al.	External
Surf-06	Asia	China	Desert (C)	sediment	bulk	Sand (<75)	P	NA	0.5119	-14	109.53	38.22	NA	(2007)	contribution
G 60 <del>5</del>		<i>α</i>	Mu Us	soil		G 1/ 55		37.4	0.5110	16.1	100.60	20.52		Chen et al.	External
Surf-07	Asia	China	Desert (C)	sediment	bulk	Sand (<75)	P	NA	0.5118	-16.4	109.68	38.72	NA	(2007)	contribution
g (00		Ci.	Mu Us	soil	1 "	0 1 ( 75)	D	37.4	0.5110	17.0	100.70	20.12	NY A	Chen et al.	External
Surf-08	Asia	China	Desert (C)	sediment	bulk	Sand (<75)	P	NA	0.5118	-17.2	109.78	39.13	NA	(2007)	contribution
0 (11		Ci.	Mu Us	soil	1 "	0 1 ( 75)	D	37.4	0.5110	10.4	100.55	20.77	NY A	Chen et al.	External
Surf-11	Asia	China	Desert (C)	sediment	bulk	Sand (<75)	P	NA	0.5119	-13.4	108.55	38.77	NA	(2007)	contribution
0.642		<i>c</i>	Mu Us	soil	,	0 1 ( 55)	В	***	0.5110	1.5	100.00	20.05	***	Chen et al.	External
Surf-12	Asia	China	Desert (C)	sediment	bulk	Sand (<75)	P	NA	0.5119	-15	108.08	39.05	NA	(2007)	contribution

			Mu Us	soil										Chen et al.	External
Surf-14	Asia	China	Desert (C)	sediment	bulk	Sand (<75)	P	NA	0.512	-12.1	108.58	39.65	NA	(2007)	contribution
5411 11	7 1510	Cillia	Mu Us	soil	oun	Suna (173)	-	1171	0.512	12.1	100.50	37.03	1171	Chen et al.	External
Surf-15	Asia	China	Desert (C)	sediment	bulk	Sand (<75)	P	NA	0.5118	-16.3	109.05	39.92	NA	(2007)	contribution
			Mu Us	soil		()								Chen et al.	External
Surf-21	Asia	China	Desert (C)	sediment	bulk	Sand (<75)	P	NA	0.512	-12.1	111.35	40.18	NA	(2007)	contribution
			Mu Us	soil		` ` `								Chen et al.	External
Surf-24_1	Asia	China	Desert (C)	sediment	bulk	Sand (<75)	P	NA	0.5118	-15.5	110.35	40.33	NA	(2007)	contribution
			Mu Us	soil		Sand (<5								Chen et al.	External
Surf-24_2	Asia	China	Desert (C)	sediment	bulk	μm)	P	NA	0.5117	-17.7	110.35	40.33	NA	(2007)	contribution
			Hobq Desert	soil										Chen et al.	External
Surf-26	Asia	China	(C)	sediment	bulk	Sand (<75)	P	NA	0.5119	-14.3	109.7	40.47	NA	(2007)	contribution
			Hobq Desert	soil										Chen et al.	External
Surf-29_1	Asia	China	(C)	sediment	bulk	Sand (<75)	P	NA	0.512	-13.4	109.35	40.08	NA	(2007)	contribution
			Hobq Desert	soil		Sand (<5								Chen et al.	External
Surf-29_2	Asia	China	(C)	sediment	bulk	$\mu$ m)	P	NA	0.512	-12	109.35	40.08	NA	(2007)	contribution
			Hobq Desert	soil										Chen et al.	External
Surf-33	Asia	China	(C)	sediment	bulk	Sand (<75)	P	NA	0.512	-11.8	108.62	40.42	NA	(2007)	contribution
			Hobq Desert	soil										Chen et al.	External
Surf-34_1	Asia	China	(C)	sediment	bulk	Sand (<75)	P	NA	0.512	-13.1	108.65	41.45	NA	(2007)	contribution
			Hobq Desert	soil		Sand (<5								Chen et al.	External
Surf-34_2	Asia	China	(C)	sediment	bulk	μm)	P	NA	0.512	-11.5	108.65	41.45	NA	(2007)	contribution
			Hobq Desert	soil										Chen et al.	External
Surf-39	Asia	China	(C)	sediment	bulk	Sand (<75)	P	NA	0.512	-12	107.02	40.24	NA	(2007)	contribution
			Hobq Desert											Chen et al.	External
Surf-40_1	Asia	China	(C)	sediment	bulk	Sand (<75)	P	NA	0.5119	-14.2	106.77	40.05	NA	(2007)	contribution
			Hobq Desert			Sand (<5	_							Chen et al.	External
Surf-40_2	Asia	China	(C)	sediment	bulk	μm)	P	NA	0.5119	-14.9	106.77	40.05	NA	(2007)	contribution
			Badain												_
G 6 42		<i>~</i> .	Jaran Desert			G 1 ( 75)		***	0.5100	0.4	105.5	20.52	***	Chen et al.	External
Surf-43	Asia	China	(B)	sediment	bulk	Sand (<75)	P	NA	0.5122	-9.4	105.5	39.53	NA	(2007)	contribution
			Badain											Cl 1	E
Surf-49	A aia	China	Jaran Desert (B)		bulk	Sand ( 475)	P	NA	0.5122	-9.2	103.23	39.73	NA	Chen et al. (2007)	External
Sur1-49	Asia	China	Badain	sediment	Duik	Sand (<75)	r	NA	0.3122	-9.2	105.25	39.73	NA	(2007)	contribution
			Jaran Desert	soil										Chen et al.	External
Surf-51	Asia	China	(B)	sediment	bulk	Sand (<75)	P	NA	0.5121	-9.6	102.55	39.4	NA	(2007)	contribution
5011 51	1 13IU	Cima	Tengger	soil	Juik	Sulla ( 3)</td <td>•</td> <td>1111</td> <td>0.5121</td> <td>7.0</td> <td>102.55</td> <td>57.7</td> <td>11/1</td> <td>Chen et al.</td> <td>External</td>	•	1111	0.5121	7.0	102.55	57.7	11/1	Chen et al.	External
TGL-10N	Asia	China	Desert (B)	sediment	bulk	Sand (<75)	P	NA	0.5121	-10.6	105.5	37.45	NA	(2007)	contribution
102 1011		Сппи	Tengger	soil	COIN	Same (375)	-	2111	5.5121	10.0	100.0	25	. 17.1	Chen et al.	External
TGL-13N	Asia	China	Desert (B)	sediment	bulk	Sand (<75)	P	NA	0.512	-11.7	104.97	37.68	NA	(2007)	contribution
102 1011		Jiiiid	2 0 0 0 1 t (D)	Je dillolle	Cum	Sum ( 175)	-	2 12 1	5.512		101.27	27.00	. 12 1	(=007)	Jona Tourion

TGL-			Tengger	soil										Chen et al.	External
16N_1	Asia	China	Desert (B)	sediment	bulk	Sand (<75)	P	NA	0.5121	-10.4	104.35	37.93	NA	(2007)	contribution
1011_1	7 15IG	Cillia	Taklimakan	soil	oun	Salia (<13)	1	1111	0.5121	10.7	104.55	31.23	11/1	Chen et al.	External
TK-02_1	Asia	China	Desert (B)	sediment	bulk	Sand (<75)	P	NA	0.5121	-10.9	84.25	40.43	NA	(2007)	contribution
			Taklimakan	soil		Sand (<5								Chen et al.	External
TK-02_2	Asia	China	Desert (B)	sediment	bulk	μm)	P	NA	0.5121	-10.3	84.25	40.43	NA	(2007)	contribution
			Taklimakan	soil		• •								Chen et al.	External
TK-03	Asia	China	Desert (B)	sediment	bulk	Sand (<75)	P	NA	0.5121	-10.9	84.29	40.02	NA	(2007)	contribution
			Taklimakan	soil										Chen et al.	External
TK-06	Asia	China	Desert (B)	sediment	bulk	Sand (<75)	P	NA	0.5122	-9.5	83.5	38.85	NA	(2007)	contribution
			Taklimakan	soil										Chen et al.	External
TK-08	Asia	China	Desert (B)	sediment	bulk	Sand (<75)	P	NA	0.5121	-10.4	83.06	38.04	NA	(2007)	contribution
			Taklimakan	soil										Chen et al.	External
TK-11	Asia	China	Desert (B)	sediment	bulk	Sand (<75)	P	NA	0.5121	-9.9	81.84	36.41	NA	(2007)	contribution
			Taklimakan	soil								_		Chen et al.	External
TK-12	Asia	China	Desert (B)	sediment	bulk	Sand (<75)	P	NA	0.5121	-10.8	81.96	36.42	NA	(2007)	contribution
			Loess, Loess	soil										Chen et al.	External
XF (2.5 m)	Asia	China	Plateau	sediment	bulk	L1LL1 loess	P	NA	0.5122	-9.2	107.6	35.78	NA	(2007)	contribution
		~	Qaidam	soil		Sand (<5	_							Chen et al.	External
ZZH-02	Asia	China	Desert (B)	sediment	bulk	μm)	P	NA	0.5122	-9.4	93.79	36.68	NA	(2007)	contribution
YD 10045	Indian	*** **		marine		***			***		25	2.5		Clift et al.	
ID-18247	Ocean	N Indian	Indus shelf	sediment	bulk	NA	P	0	NA	-11.2	37	25	NA	(2002)	Jeandel
MD77 160	Indian	NIC I I	Andaman	marine	decarb.	NIA	D	24	0.5101	10	05.05	10.2	NT A	Colin et al.	T 11
MD77-169	Ocean	NE Indian		sediment .	sediment	NA	P	24	0.5121	-10	95.05	10.2	NA	(1999)	Jeandel
MD77-171	Indian	NE Indian	Andaman Sea	marine	decarb.	NA	P	21.5	0.5122	-9.2	94.15	11.75	NA	Colin et al. (1999)	Jeandel
MD//-1/1	Ocean	NE Ilidiali		sediment		NA	Р	21.3	0.3122	-9.2	94.13	11.73	INA	Colin et al.	Jeander
MD77-176	Ocean	NE Indian	Bay of Bengual	marine sediment	decarb.	NA	P	24.2	0.5122	-9.3	93.12	14.5	NA	(1999)	Jeandel
MID / /-1/0	Indian	INE HIGHAII	Bay of	marine	decarb.	INA	г	24.2	0.3144	-9.3	93.14	14.3	IVA	Colin et al.	Jeanuei
MD77-186	Ocean	NE Indian	Bengual	sediment	sediment	NA	P	23.6	0.5121	-10.9	92	11.45	NA	(1999)	Jeandel
1111// 100	Indian	. TI IIIGIAII	Bay of	marine	decarb.	11/1	1	23.0	0.5121	10.7		11.75	11/1	Colin et al.	Jeandel
RC12-339	Ocean	NE Indian	Bengual	sediment	sediment	NA	P	23.6	0.5121	-11.5	90.03	9.13	NA	(1999)	Jeandel
-1012 557	Indian	1,2 moduli	Bay of	marine	decarb.	2121	•	20.0	0.0121	11.0	, 0.05		.11.1	Colin et al.	, canaer
RC12-344	Ocean	NE Indian	Bengual	sediment	sediment	NA	P	29.1	0.5121	-11.3	96.07	12.77	NA	(1999)	Jeandel
	Indian		Bay of	marine	decarb.		-	22.11					- 11. 2	Colin et al.	
VM29-18	Ocean	N Indian	Bengual	sediment	sediment	NA	P	27.5	0.5119	-15.1	85.4	16.63	NA	(1999)	Jeandel
	Indian		Bay of	marine	decarb.									Colin et al.	
VM29-19	Ocean	N Indian	Bengual	sediment	sediment	NA	P	21	0.5119	-13.9	82.58	14.7	NA	(1999)	Jeandel
	Indian		Bay of	marine	decarb.									Colin et al.	
VM29-20	Ocean	N Indian	Bengual	sediment	sediment	NA	P	25.6	0.5118	-16.1	81.7	11.53	NA	(1999)	Jeandel

	Indian		Bay of	marine	decarb.									Colin et al.	
VM29-21	Ocean	N Indian	Bengual	sediment	sediment	NA	P	25.1	0.5118	-16.2	81.75	9.65	NA	(1999)	Jeandel
														Colin et al.	
			Irrawaddy											(1999); Ali et	Literature
NA	Asia	India	river	rocks	bulk	NA	P	NA	NA	-10.7	95.47	17.89	NA	al. (2015)	search
	Southern	Е	Adelaide	marine	detrital									Cook et al.	Cook-
U1358	Ocean	Antarctica	Land	sediment	residue	$< 63 \mu\mathrm{m}$	Н	NA	0.5116	-19.6	143.32	-66.11	NA	(2013)	Williams
	Southern	Е	Adelaide	marine	detrital									Cook et al.	Cook-
U1359	Ocean	Antarctica	Land	sediment	residue	$< 63 \mu\mathrm{m}$	Н	NA	0.5121	-11.2	143.93	-64.79	NA	(2013)	Williams
	Southern	Е	Adelaide	marine	detrital									Cook et al.	Cook-
U1360	Ocean	Antarctica	Land	sediment	residue	$< 63 \mu\mathrm{m}$	Н	NA	0.5118	-16.2	142.77	-66.34	NA	(2013)	Williams
	Southern	Е	Adelaide	marine	detrital									Cook et al.	Cook-
U1361	Ocean	Antarctica	Land	sediment	residue	$< 63 \mu\mathrm{m}$	Н	NA	0.512	-11.5	143.89	-64.41	NA	(2013)	Williams
ELT47 10		Е		marine	detrital									Cook, Martin	Author
PC 13-15	Antarctica	Antarctica	Prydz Bay	sediment	residue	$< 63 \mu\mathrm{m}$	Н	NA	0.5115	-21.7	83.99	-63.95	3636	et al. unpub.	contribution
ELT47 5 PC	7	Е		marine	detrital									Cook, Martin	Author
13-15	Antarctica	Antarctica	Prydz Bay	sediment	residue	$< 63 \mu\mathrm{m}$	Н	NA	0.5114	-23.5	80.42	-65.54	2948	et al. unpub.	contribution
ELT50 17		Е		marine	detrital									Cook, Martin	Author
PC 17-19	Antarctica	Antarctica	Wilkes Land	sediment	residue	$< 63 \mu\mathrm{m}$	Н	NA	0.512	-13.1	120.05	-63	4138	et al. unpub.	contribution
ELT50 17															
PC 17-19		E		marine	detrital									Cook, Martin	Author
REP	Antarctica	Antarctica	Wilkes Land	sediment	residue	$< 63 \mu\mathrm{m}$	Н	NA	0.5119	-13.5	120.05	-63	4138	et al. unpub.	contribution
ELT50 18		Е		marine	detrital									Cook, Martin	Author
PC 15-17	Antarctica	Antarctica	Wilkes Land	sediment	residue	$< 63 \mu\mathrm{m}$	Н	NA	0.512	-12.6	119.97	-64.43	3146	et al. unpub.	contribution
ELT50 18															
PC 15-17		E		marine	detrital									Cook, Martin	Author
REP	Antarctica	Antarctica	Wilkes Land	sediment	residue	$< 63 \mu\mathrm{m}$	Н	NA	0.512	-12.7	119.97	-64.43	3146	et al. unpub.	contribution
IO1277 25		Е	Drowning	marine	detrital									Cook, Martin	Author
PC 10-12	Antarctica	Antarctica	Maud Land	sediment	residue	$< 63 \mu\mathrm{m}$	H	NA	0.512	-11.6	10.96	-68.08	2015	et al. unpub.	contribution
IODP															
U1358 1R		E		marine	detrital									Cook, Martin	Author
1W 18-22	Antarctica	Antarctica	Adelie Land	sediment	residue	$< 63 \mu\mathrm{m}$	Н	NA	0.5117	-19.2	143.31	-66.09	499	et al. unpub.	contribution
IODP															
U1360 1R		E		marine	detrital									Cook, Martin	Author
1W 0-8	Antarctica	Antarctica	Adelie Land	sediment	residue	$< 63 \mu\mathrm{m}$	Н	NA	0.5118	-16.8	142.75	-66.3	525	et al. unpub.	contribution
ODP 1167															
1H 1W 21-		E		marine	detrital									Cook, Martin	Author
23	Antarctica	Antarctica	Prydz Bay	sediment	residue	$< 63 \mu\mathrm{m}$	Н	NA	0.5115	-22.3	72.25	-66.4	1640	et al. unpub.	contribution
ODP 743															
1H 1W 20-		E		marine	detrital									Cook, Martin	Author
22	Antarctica	Antarctica	Prydz Bay	sediment	residue	$< 63 \mu\mathrm{m}$	Н	NA	0.5117	-17.8	74.69	-66.92	999	et al. unpub.	contribution

NE Pacific	Pacific													Cousens et al.	
Ocean	Ocean	NE Pacific	NA	rocks	bulk	NA	P	12.8	NA	9.6	-134	53	NA	(1999)	Jeandel
	Indian		Gulf of	marine	detrital									Cullen et al.	External
M5-422	Ocean	N Indian	Oman	sediment	residue	NA	P	NA	NA	-6.4	59.05	24.39	NA	(2012)	contribution
NY -1														Davies et al.	<b>T</b>
North	Г	Г 1 1	D 22 1 I 1		NT A	NYA	D	40	NTA	10.6	2.05	(0.22		(1985); Revel	
British Isles	Europe	England	British Isles	rocks	NA	NA	P	40	NA	-10.6	-2.05	60.33		et al. (1996)	search
														Davies et al.	
South														(1985); Revel	Literature
British Isles	Europe	England	British Isles	rocks	NA	NA	P	37	NA	-13.5	-3.72	58.97		et al. (1996)	search
		E	EPICA-											Delmonte et	Cook-
3551	Antarctica	Antarctica	Dome C	rocks	bulk	NA	P	NA	0.5118	-16	106	-78	NA	al. (2004)	Williams
		Е	EPICA-											Delmonte et	Cook-
3607	Antarctica	Antarctica	Dome C	rocks	bulk	NA	P	NA	0.5119	-15	106	-78	NA	al. (2004)	Williams
1			Ganges-											Dia et al.	
			Brahamaput											(1992); Ali et	Literature
NA	Asia	India	ra	rocks	bulk	NA	P	NA	NA	-15	88.87	24.98	NA	al. (2015)	search
														Ehrenberg et	
Norway	Europe	Norway	NA	rocks	bulk	NA	P	10	NA	-14	6.8	65	NA	al. (1998)	Jeandel
	Indian	E Indian		soil										Elburg et al.	
NA	Ocean	Ocean	Indonesia	sediment	bulk	NA	P	20	NA	-12.4	127	-8	NA	(2002)	Jeandel
														Elburg et al.	
Indonesia	Asia	Indonesia	NA	rocks	bulk	NA	P	30.8	NA	-1.9	124.2	-8.3	NA	(2002)	Jeandel
				river										Elburg et al.	
	Australia	W Australia	NA	sediment	bulk	NA	P	19.67	NA	-15.1	119	-20	NA	(2002)	Jeandel
HU74026-	Southern	W		marine										Farmer et al.	
557PC	Ocean	Antarctica	Baffin Bay	sediment	NA	NA	P	10.7	NA	-25.8	-60	66.5		(2003)	Jeandel
HU77027-	Atlantic		Northern	marine	decarb.									Farmer et al.	
002PC	Ocean	N Atlantic	Baffin Bay	sediment	sediment	$< 63 \mu\mathrm{m}$	H	15.8	0.5115	-21.7	-69.76	74.51	1646	(2003)	Hemming
HU77027-	Atlantic		Northern	marine	decarb.									Farmer et al.	
002TWC	Ocean	N Atlantic	Baffin Bay	sediment	sediment	< 63 µ m	Н	10.7	0.5115	-23.1	-72.12	69	1646	(2003)	Jeandel
			West Basin,												
HU90023-	Atlantic		Hudson	marine	decarb.									Farmer et al.	
101	Ocean	N Atlantic	Strait	sediment	sediment	< 63 µ m	Н	16.9	0.5112	-28.9	-74.3	63.05	389	(2003)	Hemming
*****			West Basin,												
HU90023-	Atlantic	**	Hudson	marine	decarb.	60	·-	40.0	0.5115	20.1	<b></b>	60 0 <del>-</del>		Farmer et al.	** .
101	Ocean	N Atlantic	Strait	sediment	sediment	< 63 µ m	Н	13.2	0.5112	-28.1	-74.3	63.05	389	(2003)	Hemming
111100022	A .1		West Basin,		1 1									ъ.	
HU90023-	Atlantic	NI Ad	Hudson	marine	decarb.	. 62	**	0	0.5112	20.2	74.2	62.05	200	Farmer et al.	TT
101	Ocean	N Atlantic	Strait	sediment	sediment	< 63 μm	Н	0	0.5112	-28.2	-74.3	63.05	389	(2003)	Hemming

			East												
JM 96-1207	Atlantic Ocean	N Atlantic	Greenland shelf	marine sediment	decarb.	NA	Н	NA	0.5124	-3.8	-29.35	68.1	404	Farmer et al. (2003)	Hemming
JM 90-1207		N Auanuc	Norwegian		decarb.	NA	п	NA	0.3124	-3.6	-29.55	06.1	404	Farmer et al.	
JM 98 624	Atlantic Ocean	N Atlantic	Sea	marine sediment	sediment	< 63 µ m	LGM	40	0.5119	-15.1	7.7	66.72	487	(2003)	Jeandel
3111 70 024	Atlantic	1 7 Tuanue	Norwegian	marine	decarb.	< 0.5 µ III	LOM	40	0.5117	13.1	7.7	00.72	407	Farmer et al.	
JM 98 625	Ocean	N Atlantic	Sea	sediment	sediment	< 63 µ m	LGM	39	0.5119	-14.8	7.7	66.72	487	(2003)	Hemming
3111 70 023	Occan	1 7 Tuanue	Sea	sediment	seament	< 0.5 µ III	LOM	37	0.5117	14.0	7.7	00.72	407	(2003)	Tremming
															Cook-
		W		marine	decarb.									Farmer et al.	Williams/Lite
GRL-10593	Antarctica	Antarctica	Ross Sea	sediment	sediment	< 63 µ m	LGM	20.9	0.5121	-11.3	179.05	-77.45	732	(2006)	rature search
						-									
															Cook-
		W		marine	decarb.									Farmer et al.	Williams/Lite
GRL-10595	Antarctica	Antarctica	Ross Sea	sediment	sediment	$< 63 \mu\mathrm{m}$	LGM	21.4	0.512	-12.5	179.05	-77.45	732	(2006)	rature search
															Cook-
		W		marine	decarb.										Williams/Lite
GRL-10661	Antarctica	Antarctica	Ross Sea	sediment	sediment	< 63 μm	LGM	33.7	0.5122	-8.02	-175.42	-76.61	585	(2006)	rature search
															Cook-
		W		marine	decarb.									Farmer et al	Williams/Lite
GRL-10666	Antarctica		Ross Sea	sediment	sediment	< 63 µ m	LGM	33.8	0.5122	-8.08	-175.42	-76.61	585	(2006)	rature search
														(====)	
															Cook-
		W		marine	decarb.									Farmer et al.	Williams/Lite
GRL-10897	Antarctica	Antarctica	Ross Sea	sediment	sediment	$< 63 \mu\mathrm{m}$	LGM	21	0.5121	-10.1	-179.09	-76.45	568	(2006)	rature search
															Cook-
		W		marine	decarb.										Williams/Lite
GRL-10900	Antarctica	Antarctica	Ross Sea	sediment	sediment	< 63 µ m	LGM	18.4	0.5121	-9.54	-179.09	-76.45	659	(2006)	rature search
		***			1 1									г . 1	Cook-
CDI 10067	A 4	W	D C	marine	decarb.	. 62	LCM	25.0	0.5100	7.70	170 50	75.60	440		Williams/Lite
GRL-10967	Antarctica	Antarctica	Ross Sea	sediment	sediment	< 63 μm	LGM	25.8	0.5122	-1.12	-178.59	-75.63	449	(2006)	rature search
															Cook-
		W		marine	decarb.									Farmer et al	Williams/Lite
GRL-10972	Antarctica		Ross Sea	sediment	sediment	< 63 µ m	LGM	24.9	0.5123	-7.12	-178.59	-75.63	449	(2006)	rature search
JIL 10772	. marcuca	. marcuca	11000 000	Seament	50 GIIIICIII	- 05 μ m	LOM	27.7	0.0120	,.12	1,0.57	, 5.05	(7)	(2000)	. attai C Bearell

GRL-13124	Antarctica	W Antarctica	Ross Sea	marine sediment	decarb.	< 63 μm	LGM	22.4	0.5122	-9.36	-177.88	-76.79	568	Farmer et al. (2006)	Cook- Williams/Lite rature search
GRL-13129	Antarctica	W Antarctica	Ross Sea	marine sediment	decarb.	< 63 µ m	LGM	23.6	0.5121	-9.62	-177.88	-76.79	568	Farmer et al. (2006)	Cook- Williams/Lite rature search
GRL-13531	Antarctica	W Antarctica	Eastern Ross Sea	marine sediment	decarb.	< 63 µm	LGM	36.2	0.5123	-7.53	-178	-77.92	694	Farmer et al. (2006)	Cook- Williams/Lite rature search
GRL-13537	Antarctica	W Antarctica	Eastern Ross Sea	marine sediment	decarb.	< 63 μm	LGM	36.7	0.5123	-7.45	-178	-77.92	694	Farmer et al. (2006)	Cook- Williams/Lite rature search
GRL-13545	Antarctica	W Antarctica	Eastern Ross Sea	marine sediment	decarb.	< 63 μm	LGM	36.4	0.5123	-7.2	-178	-77.92	694	Farmer et al. (2006)	Cook- Williams/Lite rature search
GRL-19248	Antarctica	W Antarctica	Whillans Ice Stream (B)	rocks	bulk	< 63 µm	P	29.2	0.5122	-8.04	-138.12	-83.29	NA	Farmer et al. (2006)	Cook- Williams/Lite rature search
GRL-19252	Antarctica	W Antarctica	Whillans Ice Stream (B)	rocks	bulk	< 63 µm	P	30.9	0.5122	-8.82	-138.12	-83.29	NA	Farmer et al. (2006)	Cook- Williams/Lite rature search
GRL-19258	Antarctica	E Antarctica	Ross Ice Shelf	marine sediment	decarb.	< 63 µm	LGM	18	0.5122	-8.23	-168.38	-82.22	587	Farmer et al. (2006)	Cook- Williams/Lite rature search
GRL-19258	Antarctica	E Antarctica	Ross Ice Shelf	marine sediment	decarb.	< 63 μm	LGM	18	0.5122	-8.23	-168.38	-82.22	587	Farmer et al. (2006)	Cook- Williams/Lite rature search
GRL-19264	Antarctica	E Antarctica	Ross Ice Shelf	marine sediment	decarb.	< 63 µm	LGM	19.2	0.5122	-8.25	-168.39	-82.22	587	Farmer et al. (2006)	Cook- Williams/Lite rature search

GRL-19273	Antarctica	E Antarctica	Achernar	rocks	bulk	< 63 μm	P	33	0.5119	-14.3	160.9	-84.2	NA	Farmer et al. (2006)	Cook- Williams/Lite rature search
GRL-19274	Antarctica	E Antarctica	Allan Hills	rocks	bulk	< 63 µm	P	33.2	0.512	-11.9	159.5	-76.7	NA	Farmer et al. (2006)	Cook- Williams/Lite rature search
GRL-7322	Antarctica	E Antarctica	Western Ross Sea	marine sediment	decarb.	< 63 µm	LGM	31.5	0.5124	-3.76	165.02	-76.55	732	Farmer et al. (2006)	Cook- Williams/Lite rature search
GRL-7323	Antarctica	E Antarctica	Western Ross Sea	marine sediment	decarb.	< 63 µm	LGM	25	0.5123	-6.94	165.02	-76.55	732	Farmer et al. (2006)	Cook- Williams/Lite rature search
SAL-117	Antarctica	E Antarctica	Beardmore Glacier,Äö√ Ñ√Æmouth	rocks	bulk	< 63 µm	P	58.7	0.5121	-9.6	158.1	-85.8	NA	Farmer et al. (2006)	Cook- Williams/Lite rature search
SAL-118	Antarctica	E Antarctica	Beardmore Glacier,Äö√ Ñ√Æupper	rocks	bulk	< 63 μm	P	34.9	0.5123	-6.38	163.1	-85.1	NA	Farmer et al. (2006)	Cook- Williams/Lite rature search
SAL-121	Antarctica	E Antarctica	Beardmore Glacier,Äö√ Ñ√Æmiddle	rocks	bulk	< 63 μm	P	30.1	0.5123	-5.64	169.7	-84.3	NA	Farmer et al. (2006)	Cook- Williams/Lite rature search
SAL-122	Antarctica	W Antarctica	Kamb Ice Stream (C)	rocks	bulk	< 63 µm	P	46.6	0.5122	-7.63	-136.24	-82.26	NA	Farmer et al. (2006)	Cook- Williams/Lite rature search
SAL-123	Antarctica	W Antarctica	Kamb Ice Stream (C)	rocks	bulk	< 63 µm	P	41.8	0.5123	-6.98	-136.24	-82.26	NA	Farmer et al. (2006)	Cook- Williams/Lite rature search
SAL-124	Antarctica	W Antarctica	Bindschadle r Ice Stream (D)	rocks	bulk	< 63 μm	P	38.7	0.5121	-9.93	-140.03	-81.44	NA	Farmer et al. (2006)	Cook- Williams/Lite rature search

SAL-142	Antarctica	W Antarctica	Eastern Ross Sea	marine sediment	decarb.	< 63 μm	LGM	33.9	0.5123	-6.59	-169.18	-77.33	582	Farmer et al. (2006)	Cook- Williams/Lite rature search
SAL-177	Antarctica	W Antarctica	Eastern Ross Sea	marine sediment	decarb.	< 63 µ m	LGM	32.4	0.5123	-5.77	-169.39	-77.25	603	Farmer et al. (2006)	Cook- Williams/Lite rature search
SAL-187	Antarctica	E Antarctica	Darwin Glacier Area	rocks	bulk	< 63 µm	P	25.8	0.512	-13.4	160	-84.8	NA	Farmer et al. (2006)	Cook- Williams/Lite rature search
SAL-189	Antarctica	E Antarctica	Darwin Glacier Area	rocks	bulk	< 63 μm	P	28.8	0.5119	-14.9	160	-80	NA	Farmer et al. (2006)	Cook- Williams/Lite rature search
SAL-190	Antarctica	E Antarctica	Darwin Glacier Area	rocks	bulk	< 63 µ m	P	23.1	0.512	-12.6	158.5	-79.8	NA	Farmer et al. (2006)	Cook- Williams/Lite rature search
SAL-371	Antarctica	E Antarctica	Western Ross Sea	marine sediment	decarb.	< 63 μm	LGM	26	0.5124	-4.64	167.89	-77.19	939	Farmer et al. (2006)	Cook- Williams/Lite rature search
SAL-995	Antarctica	E Antarctica	Pyramid Fuel Cache	rocks	bulk	< 63 µ m	P	39.1	0.5127	1.54	160	-80.5	NA	(2006)	Cook- Williams/Lite rature search
La Reunion	Indian Ocean	W Indian Ocean	La Reunion	rocks	bulk	< 63 µ m	P	24.4	NA	4	55.5	-21	NA	Fisk et al. (1988)	Jeandel
Orange River Mud	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	< 63 μm	P	29.5	0.5121	-11.2	16.46	-28.62	NA	Franzese et al. (2006)	Literature search
RC11-86	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	< 63 µ m	P	21.9	0.5121	-11.19	18.45	-35.78	2829	Franzese et al. (2006)	Literature search
RC13-227	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	< 63 µ m	P	19.1	0.512	-13.04	8.87	-21.88	4301	Franzese et al. (2006)	Literature search
RC13-229	Atlantic Ocean	SE Atlantic	NA	marine sediment	detrital residue	< 63 µ m	P	16.2	0.5121	-11.55	11.3	-25.5	4191	Franzese et al. (2006)	Literature search
VM14-77	Indian Ocean	SW Indian	NA	marine sediment	detrital residue	< 63 µ m	P	21.6	0.5119	-15.25	32.87	-29.63	NA	Franzese et al. (2006)	Literature search
VM19-214	Indian Ocean	SW Indian	NA	marine sediment	detrital residue	< 63 µ m	P	33.3	0.5118	-15.52	38.85	-23.37	NA	Franzese et al. (2006)	Literature search

SW														Frey et al.	
Australia	Australia	NA	NA	rocks	bulk	NA	P	14.4	NA	1.7	115.63	-33.32	NA	(1996)	Jeandel
SW															
Australia														Frey et al.	
(id)	Australia	NA	NA	rocks	bulk	NA	P	10.8	NA	-4.6	115.4	-34.42	NA	(1996)	Jeandel
															Literature
	Mediterran			marine	decarb.									Freydier et	search/Tachi
BC07	ean Sea	Basin	NA	sediment	sediment	NA	P	14.7	NA	-9.2	32.67	33.67	893	al. (2001)	kawa
	_			river										Frost et al.	
Ро	Europe	Italy	Po River	sediment	bulk	NA	P	26.85	0.5121	-10.8	12	45	NA	(1986)	Jeandel
	Mediterran			marine	decarb.									Frost et al.	
RC9-179	ean Sea	Basin	SE of Crete	sediment	sediment	bulk	P	27.56	0.5122	-8.4	26.13	34.81	NA	(1986)	Scheuvens
		Thyrrenian		marine	decarb.									Frost et al.	
RC9-194	ean Sea	Basin	NA	sediment	sediment	bulk	P	32.44	0.5122	-7.6	11.32	40.68	NA	(1986)	Scheuvens
		Liguro-													
	Mediterran	Balearic	Gulf of	marine	decarb.									Frost et al.	
RC9-197	ean Sea	Basin	Lyons	sediment	sediment	bulk	P	26.91	0.5121	-10.1	5.95	42.03	NA	(1986)	Scheuvens
				river										Frost et al.	
Rhone	Europe	France	Rhone River	sediment	bulk	NA	P	25.77	0.5121	-9.7	5	43	NA	(1986)	Jeandel
				river										Frost et al.	
Seyhan	Africa	Syria	NA	sediment	bulk	NA	P	10.01	0.5123	-6.2	36	37	NA	(1986)	Jeandel
	Mediterran	Levantine		marine	decarb.									Frost et al.	
SH74/1060	ean Sea	Basin	NA	sediment	sediment	bulk	P	21.29	0.5125	-2	34.56	36.56	NA	(1986)	Scheuvens
	Mediterran	Levantine		marine	decarb.									Frost et al.	
SH74/1088	ean Sea	Basin	NA	sediment	sediment	bulk	P	17.77	0.5124	-5.8	34.56	36.56	NA	(1986)	Scheuvens
				river										Frost et al.	
Tarsus	Africa	Syria	NA	sediment	bulk	NA	P	10.81	0.5123	-6.3	36.2	37	NA	(1986)	Jeandel
				soil										Gaiero	Literature
Almafuerte	America	Argentina	Patagonia	sediment	bulk	NA	P	NA	0.5124	-5.29	-64.17	-32.08	NA	(2007)	search
Falda del				soil										Gaiero	Literature
Carmen	America	Argentina	Patagonia	sediment	bulk	NA	P	NA	0.5123	-5.81	-64.37	-31.57	NA	(2007)	search
				soil										Gaiero	Literature
NA	America	Argentina	Patagonia	sediment	bulk	NA	P	NA	0.5127	0.27	-64.07	-38.98	NA	(2007)	search
				soil										Gaiero	Literature
Santa Rosa	America	Argentina	Patagonia	sediment	bulk	NA	P	NA	0.5126	-1.54	-64.28	-36.62	NA	(2007)	search
Sourroundin															
g															
c,àö,â•rdo				soil										Gaiero	Literature
ba City	America	Argentina	Patagonia	sediment	bulk	NA	P	NA	0.5123	-5.95	-64.27	-31.47	NA	(2007)	search
Vic.		- 8	8	soil										Gaiero	Literature
Mackena	America	Argentina	Patagonia	sediment	bulk	NA	P	NA	0.5124	-4.41	-64.38	-33.92	NA	(2007)	search
- ITHERCHA	1 IIIIOI ICU	. 11 go mina	1 amgoind	Scamient	Ouik	11/1		11/1	0.5124	1.71	07.50	55.72	1 1/1	(2007)	bearen

Bosque Petrificado						Volcanic								Gaiero et al.	Literature
Ignimbrite	America	Chile	Patagonia	rocks	bulk	materials	P	NA	0.5124	-4.2	-67.84	-47.27	NA	(2007)	search
Colorado R. (Rio Colorado)	America	Argentina	Patagonia	soil sediment	bulk	Bed sediment < 63 $\mu$ m size fraction	P	NA	0.5125	-2.3	-64.07	-38.98	NA	Gaiero et al. (2007)	Literature search
Colorado)	America	Argentina	Tatagonia	scument	Duik	maction	1	IVA	0.5125	-2.3	-04.07	-30.90	INA	(2007)	scarcii
El Calafate	America	Argentina	Patagonia	soil sediment	bulk	Top soils $<$ 63 $\mu$ m size fraction (TS)	P	NA	0.5126	-0.5	-71.18	-50.33	NA	Gaiero et al. (2007)	Literature search
Fitz Roy (RN 3)	America	Argentina	Patagonia	soil sediment	bulk	Top soils < 63 $\mu$ m size fraction (TS)	P	NA	0.5126	-0.3	-67.25	-47	NA	Gaiero et al. (2007)	Literature search
NA	America	Argentina	Patagonia	soil sediment	bulk	Top soils < 63 $\mu$ msize fraction (TS)	P	NA	0.5126	-0.3	-71.18	-50.33	NA	Gaiero et al. (2007)	Literature search
Garrayalde (RN 3)	America	Argentina	Patagonia	soil sediment	bulk	Top soils < 63 μ msize fraction (TS)	P	NA	0.5127	0.6	-66.67	-44.07	NA	Gaiero et al. (2007)	Literature search
Hudson volcanic tephra	America	Chile	Patagonia	rocks	bulk	Volcanic materials	P	NA	0.5128	2.8	-67.91	-49.41	NA	Gaiero et al. (2007)	Literature search
Negro R. (Gral. Conesa)	America	Argentina	Patagonia	soil sediment	bulk	Bed sediment < 63 $\mu$ m size fraction	P	NA	0.5126	-1.2	-63.78	-40.45	NA	Gaiero et al. (2007)	Literature search
NA	America	Argentina	Patagonia	soil sediment	bulk	Top soils < 63 $\mu$ m size fraction (TS)	P	NA	0.5127	0.2	-64.03	-42.5	NA	Gaiero et al. (2007)	Literature search
Rio Colorado	America	Argentina	Patagonia	soil sediment	bulk	Top soils < 63 $\mu$ m size fraction (TS)	P	NA	0.5126	-0.8	-62.53	-39.58	NA	Gaiero et al. (2007)	Literature search
San Antonio Oeste	America	Argentina	Patagonia	soil sediment	bulk	Top soils < 63 $\mu$ m size fraction (TS)	P	NA	0.5127	0.3	-64.93	-40.73	NA	Gaiero et al. (2007)	Literature search

				soil		Top soils $<$ 63 $\mu$ m size								Gaiero et al.	Literature
NA	America	Argentina	Patagonia	sediment	bulk	fraction (TS)	P	NA	0.5127	0.5	-67.75	-49.33	NA	(2007)	search
Santa Cruz						Bed									
R. (Cte.						sediment<									
Piedrabuen				soil		$63 \mu \text{ m size}$								Gaiero et al.	Literature
a)	America	Argentina	Patagonia	sediment	bulk	fraction	P	NA	0.5125	-2.6	-69.02	-50.05	NA	(2007)	search
Manam		Papua New												Gill et al.	
volcano	Australia	Guinea	NA	rocks	bulk	NA	P	18.03	NA	7.1	145.05	-4.08	NA	(1993)	Jeandel
Amazon				river										Goldstein et	
(Brazil)	America	Brazil	NA	sediment	bulk	NA	P	35.3	0.5122	-9.2	-50	0	NA	al. (1984)	Jeandel
Colombia				river										Goldstein et	
(U.S.A)	America	USA	NA	sediment	bulk	NA	P	30.26	0.5123	-6.6	-124	46.3	NA	al. (1984)	Jeandel
Congo				river										Goldstein et	
(Congo)	Africa	Congo	NA	sediment	bulk	NA	P	34.65	0.5118	-16.1	12	-6	NA	al. (1984)	Jeandel
Ganges			Ganges	river										Goldstein et	
(India)	Asia	India	River	sediment	bulk	NA	P	35.83	0.5118	-15.7	90	21	NA	al. (1984)	Jeandel
Hudson				river										Goldstein et	
(U.S.A)	America	USA	NA	sediment	bulk	NA	P	45.57	0.5121	-11.3	-76	40.3	NA	al. (1984)	Jeandel
Indus				river										Goldstein et	
(Pakistan)	Asia	Pakistan	NA	sediment	bulk	NA	P	33.75	0.512	-12.2	67	24	NA	al. (1984)	Jeandel
Mackenzie				river										Goldstein et	
(Canada)	America	Canada	NA	sediment	bulk	NA	P	16.09	0.5119	-14.3	-135	70	NA	al. (1984)	Jeandel
Magdalena				river										Goldstein et	
(Colombia)	America	USA	NA	sediment	bulk	NA	P	27.49	0.5122	-8.3	-75	11.2	NA	al. (1984)	Jeandel
Mekong															
(Cambodgia				river										Goldstein et	
)	Asia	Cambodia	NA	sediment	bulk	NA	P	40.62	0.5122	-9.5	107	9	NA	al. (1984)	Jeandel
Mississippi				river										Goldstein et	
(U.S.A)	America	USA	NA	sediment	bulk	NA	P	32.62	0.5121	-10.9	-89	30	NA	al. (1984)	Jeandel
Niger				river										Goldstein et	
(Nigeria)	Africa	Nigeria	Niger River	sediment	bulk	$< 60 \mu\mathrm{m}$	P	NA	0.5121	-10.5	5.78	4.65	NA	al. (1984)	Scheuvens
Nile				river										Goldstein et	
(Egypt)	Africa	Egypt	Nile River	sediment	bulk	$< 60  \mu\mathrm{m}$	P	34.49	0.5125	-3.3	31.79	31.35	NA	al. (1984)	Scheuvens
Parana				river										Goldstein et	
(Argentina)	America	Argentina	NA	sediment	bulk	NA	P	37.1	0.5121	-10.3	-59	-34.5	NA	al. (1984)	Jeandel
San															
Francisco															
Bay				river										Goldstein et	
(U.S.A)	America	USA	NA	sediment	bulk	NA	P	21.3	0.5125	-3.6	-123	37.5	NA	al. (1984)	Jeandel

Sao Francisco				river										Goldstein et	
(Brazil)	America	Brazil	NA	sediment	bulk	NA	P	30.95	0.512	-12.9	-36	-11	NA	al. (1984)	Jeandel
St														<u> </u>	
Lawrence				river										Goldstein et	
(Canada)	America	Canada	NA	sediment	bulk	NA	P	52.45	0.5124	-5.3	-68	49	NA	al. (1984)	Jeandel
Yangtze				river										Goldstein et	
(China)	Asia	China	NA	sediment	bulk	NA	P	31.7	0.5121	-10.7	123	31	NA	al. (1984)	Jeandel
			Murray	river										Goldstein et	
Murray	Australia	NA	River	sediment	bulk	NA	P	15.2	NA	-6	139.17	-35.1	NA	al. (1987)	Jeandel
			Whingham	river										Goldstein et	
Wingham	Australia	NA	River	sediment	bulk	NA	P	16	NA	-1.3	152.2	-31.5	NA	al. (1987)	Jeandel
				soil			_							Gross et al.	Literature
AGF	Africa	Mali	NA	sediment	bulk	bulk + PM20	P	46.6	0.5118	-17.2	0.63	15.17	NA	(2016)	search
DODY		CI I	DQ 1 #	soil		D) 120	-	22.7	0.510	44.0	15.50	16.60		Gross et al.	Literature
BODI	Africa	Chad	PSA5	sediment	bulk	PM20	P	32.7	0.512	-11.9	17.78	16.68	NA	(2016)	search
BODU	Africa	Ch 1	PSA5	soil	111-	111-	P	25.9	0.512	12.6	18.87	16.87	NT A	Gross et al. (2016)	Literature
воро	Airica	Chad	PSAS	sediment soil	bulk	bulk	Р	23.9	0.512	-12.6	18.87	10.87	NA		search
EM	Africa	Morocco	PSA2	son sediment	bulk	bulk + PM10	P	16.9	0.512	-13	-5.62	30.35	NA	Gross et al. (2016)	Literature search
EWI	Allica	WIOTOCCO	13/12	soil	Ouik	Duik + Tivi10	1	10.9	0.512	-13	-5.02	30.33	IVA	Gross et al.	Literature
IR	Africa	Morocco	PSA2	sediment	bulk	bulk	P	34.4	0.5119	-13.8	-6.58	29.98	NA	(2016)	search
	Tillea	Morocco	10/12	soil	Ourk	ounc	1	54.4	0.5117	15.0	0.50	27.70	1171	Gross et al.	Literature
JB	Africa	Moroco	PSA2	sediment	bulk	bulk + PM11	P	14.4	0.5119	-14	-5.62	29.93	NA	(2016)	search
				soil										Gross et al.	Literature
LIB-1	Africa	Libya	NA	sediment	bulk	bulk	P	33.2	0.512	-13.4	22.35	32.83	NA	(2016)	search
				soil										Gross et al.	Literature
TL	Africa	Morocco	NA	sediment	bulk	bulk	P	26.5	0.512	-12.7	-6.95	31.28	NA	(2016)	search
														Grousset &	
				soil										Biscaye	
Algeria	Africa	Algeria	PSA1	sediment	bulk	Bulk	P	NA	NA	-13.5	3.14	35.57	NA	(2005)	Scheuvens
														Grousset &	
				soil										Biscaye	
Chad	Africa	Chad	PSA5	sediment	bulk	Bulk	P	NA	NA	-12.7	13.95	14.35	NA	(2005)	Scheuvens
														Grousset &	
				soil		20		***	37.4	10.5	20.06	25.0		Biscaye	a 1
Egypt#1	Africa	Egypt	NA	sediment	bulk	< 30 μ m	P	NA	NA	-10.5	29.86	25.8	NA	(2005)	Scheuvens
				"1										Grousset &	
Egypt#2	Africa	Egypt	NA	soil sediment	bulk	< 30 µ m	P	NA	NA	-11	29.86	25.8	NA	Biscaye (2005)	Scheuvens
Egypt#2	Africa	Egypt	INA	seament	Duik	< 50 µ III	r	INA	INA	-11	29.00	23.0	NA	(2003)	scheuvens

Egypt1	Africa	Egypt	PSA6	soil sediment	bulk	Bulk	P	NA	NA	-9.2	30.52	22.67	NA	Grousset & Biscaye (2005)	Scheuvens
Egypt2	Africa	Egypt	NA	soil sediment	bulk	Bulk	P	NA	NA	-3.9	30.96	29.07	NA	Grousset & Biscaye (2005)	Scheuvens
Egyptz	Anca	Едурі	IVA	sedifficit	buik	Duik	1	IVA	INA	-3.9	30.90	29.07	IVA	Grousset &	Scheuvens
Libya1	Africa	Libya	NA	soil sediment	bulk	Bulk	P	NA	NA	-15.4	10.52	26.98	NA	Biscaye (2005)	Scheuvens
Libya2	Africa	Libya	PSA4	soil sediment	bulk	Bulk	P	NA	NA	-13.8	16.98	28.03	NA	Grousset & Biscaye (2005)	Scheuvens
	A 5-1	Libere	NI A	soil	111-	D11-	D	NIA	NIA	15.2	14.06	20.02	NI A	Grousset & Biscaye	Calarra
Libya3	Africa	Libya	NA	sediment	bulk	Bulk	P	NA	NA	-15.3	14.96	30.82	NA	(2005) Grousset & Biscaye	Scheuvens
Libya4	Africa	Libya	PSA4	sediment	bulk	$< 30 \mu\mathrm{m}$	P	NA	NA	-10.7	18.26	26.59	NA	(2005)	Scheuvens
Inter-B1	Atlantic Ocean	NE Atlantic	NA	marine sediment	NA	bulk	P	25.7	NA	-11.6	-10.6	45.35		Grousset et al. (1988)	Literature search
Inter-B2	Atlantic Ocean	NE Atlantic	NA	marine sediment	NA	bulk	P	27.1	NA	-12.3	-11.83	43.75		Grousset et al. (1988)	Literature search
KC 8221	Atlantic Ocean	NE Atlantic	W of Street of Gibraltar	marine sediment	NA	bulk	P	30.2	NA	-8.4	-7.65	36.88		Grousset et al. (1988)	Scheuvens
KS 8228	Atlantic Ocean		W of Street of Gibraltar	marine sediment	NA	bulk	P	22.1	NA	-11.8	-8.72	35.83		Grousset et al. (1988)	Scheuvens
KS 8231	Mediterran ean Sea	Alboran Basin	Alboran Sea		NA	bulk	P	30.3	NA	-10.1	-3.22	36.15		Grousset et al. (1988)	Scheuvens
Senegal	Africa	Senegal	Senegal River mouth	river sediment	NA	bulk	P	19.2	NA	-13.47	-16.56	14.26		Grousset et al. (1988)	Scheuvens
M1 5 m	Mediterran ean Sea	Liguro- Balearic Basin	Gulf of Lyons	trap sample	NA	bulk	P	19.4	NA	-12.1	3.47	42.47		Grousset et al. (1990)	Scheuvens
M2 100 m	Mediterran ean Sea	Liguro- Balearic Basin	Gulf of Lyons	trap sample	NA	bulk	P	25.2	NA	-11.4	3.47	42.47		Grousset et al. (1990)	Scheuvens
M3 300 m	Mediterran ean Sea	Liguro- Balearic Basin	Gulf of Lyons	trap sample	NA	bulk	P	17.2	NA	-12	3.47	42.47		Grousset et al. (1990)	Scheuvens
M4 600 m	Mediterran ean Sea	Liguro- Balearic Basin	Gulf of Lyons	trap sample	NA	bulk	P	29.2	NA	-11.6	3.47	42.47		Grousset et al. (1990)	Scheuvens

		Liguro-													
	Mediterran	Balearic	Gulf of	trap										Grousset et	
O1 50 m	ean Sea	Basin	Lyons	sample	NA	bulk	P	34.6	NA	-12.4	3.47	42.47		al. (1990)	Scheuvens
0150111		Liguro-	250110	sampre		ount	-	20	- 1112	12	21.17			un (1330)	Delica (elis
	Mediterran	Balearic	Gulf of	trap										Grousset et	
O2 100 m		Basin	Lyons	sample	NA	bulk	P	31.8	NA	-11.8	3.47	42.47		al. (1990)	Scheuvens
		Liguro-	,	1											
	Mediterran	Balearic	Gulf of	trap										Grousset et	
O3 300 m	ean Sea	Basin	Lyons	sample	NA	bulk	P	33.6	NA	-11.5	3.47	42.47		al. (1990)	Scheuvens
		Liguro-													
	Mediterran	Balearic	Gulf of	trap										Grousset et	
O4 600 m	ean Sea	Basin	Lyons	sample	NA	bulk	P	31.6	NA	-11.6	3.47	42.47		al. (1990)	Scheuvens
				river										Grousset et	Literature
R2	Europe	France	Rhone river	sediment	NA	bulk	P	21.4	NA	-12.1	3.03	42.71		al. (1990)	search
		Liguro-													
	Mediterran	Balearic	Gulf of	marine										Grousset et	
R2P 645 m	ean Sea	Basin	Lyons	sediment	NA	bulk	P	29.2	NA	-11.5	3.47	42.47		al. (1990)	Scheuvens
				river										Grousset et	Literature
T2	Europe	France	Tet River	sediment	NA	bulk	P	30.2	NA	-11.7	4.76	43.42		al. (1990)	search
				soil										Grousset et	
IF48	Africa	Morocco	NA	sediment	bulk	bulk	P	NA	0.5122	-8.3	-9.25	30.37	NA	al. (1992)	Scheuvens
				soil										Grousset et	
TUI78	Africa	Tunisia	PSA1	sediment	bulk	bulk	P	NA	0.5122	-9.5	9.78	34.2	NA	al. (1992)	Scheuvens
														Grousset et	
														al. (1992);	
		Great												Revel-	
		Sandy	***	soil		P 11		22	0.5105	2.5	101	10		Rolland et al.	
AUE6-L	Australia	Desert	NA	sediment	bulk	Bulk	P	33	0.5125	-3.7	124	-18	NA	(2006)	search
			70.1.0	soil		20		2.5	0.5115	45.0	44.0	21.0		Grousset et	
Atar	Africa	Mauritania	PSA2	sediment	bulk	< 30 µ m	P	3.5	0.5117	-17.9	-11.8	21.9	NA	al. (1998)	Scheuvens
ATK-35	A.C.:		DC 4.2	soil	1 11	20	D	20.7	0.712	10.1	1.01	20.10	27.4	Grousset et	0.1
(Atakor)	Africa	Algeria	PSA3	sediment	bulk	< 30 μm	P	39.7	0.512	-12.1	1.21	28.19	NA	al. (1998)	Scheuvens
ELM W	A.C.:	M ' '	NT A	soil	1 11	20	D	25.5	0.5110	16.6	0.5	22.21	NTA	Grousset et	0.1
El Mroiti	Africa	Mauritania	NA	sediment	bulk	< 30 μ m	P	35.5	0.5118	-16.6	-8.5	22.31	NA	al. (1998)	Scheuvens
E1D 111	A.C.:	M	NT A	soil	1 11	20	D	22.7	0.5110	12.6	4.00	22.26	NTA	Grousset et	0.1
El Rachidia	Africa	Morocco	NA	sediment	bulk	< 30 μm	P	32.7	0.5119	-13.6	-4.99	32.36	NA	al. (1998)	Scheuvens
Erg Sud	A frica	Mouritoni-	PSA2	soil	bulk	20	P	3.2	0.5119	-13.5	-12.7	21.3	NA	Grousset et	Caharran-
Atar	Africa	Mauritania	rsA2	sediment	DUIK	< 30 μm	r	3.2	0.3119	-13.3	-12./	21.3	INA	al. (1998)	Scheuvens
Ecomoreo	Africa	Morocco	PSA2	soil sediment	bulk	~ 30 um	P	40.2	0.5118	-16.3	-10.36	27.78	NA	Grousset et al. (1998)	Scheuvens
Essmarra	AITICA	MOTOCCO	rsA2		DUIK	< 30 μ m	Г	40.2	0.3116	-10.5	-10.30	21.10	INA		Scheuvens
Eat Dalra :	A frica	Canacal	NT A	soil	bull.	20	p	2.2	0.5110	16.2	17 4	147	NT A	Grousset et	Caharran-
Est Dakar	Africa	Senegal	NA	sediment	bulk	$< 30 \mu\mathrm{m}$	P	3.2	0.5118	-10.2	-17.4	14.7	NA	al. (1998)	Scheuvens

Foum El				soil										Grousset et	
Hassan	Africa	Morocco	NA	sediment	bulk	$< 30 \mu\mathrm{m}$	P	38.7	0.5118	-17.1	-9.03	29.72	NA	al. (1998)	Scheuvens
Foundiougn				soil		,								Grousset et	
e	Africa	Senegal	NA	sediment	bulk	< 30 µ m	P	28.4	0.5119	-14.3	-16.4	13.8	NA	al. (1998)	Scheuvens
	Atlantic			marine	decarb.									Grousset et	
K02	Ocean	E Atlantic	NA	sediment	sediment	$< 30 \mu\mathrm{m}$	P	21.9	0.5119	-14.3	-17.28	19.48	NA	al. (1998)	Scheuvens
	Atlantic			marine	decarb.									Grousset et	Literature
K02	Ocean	E Atlantic	NA	sediment	sediment	$< 30  \mu  \mathrm{m}$	LGM	32.1	0.5117	-17.8	-17.28	19.48	NA	al. (1998)	search
	Atlantic			marine	decarb.									Grousset et	
K09	Ocean	E Atlantic	NA	sediment	sediment	$< 30 \mu\mathrm{m}$	P	24.5	0.5119	-14.8	-18.25	21.33	NA	al. (1998)	Scheuvens
	Atlantic			marine	decarb.									Grousset et	Literature
K11	Ocean	E Atlantic	NA	sediment	sediment	< 30 µ m	LGM	30.7	0.5117	-17.9	-17.95	21.48	NA	al. (1998)	search
	Atlantic			marine	decarb.									Grousset et	Literature
K15	Ocean	E Atlantic	NA	sediment	sediment	< 30 μm	LGM	36.9	0.5116	-19.5	-17.27	23.73	NA	al. (1998)	search
	Atlantic			marine	decarb.									Grousset et	
K15	Ocean	E Atlantic	NA	sediment	sediment	< 30 μm	P	27.4	0.5119	-14.4	-17.27	23.73	NA	al. (1998)	Scheuvens
	Atlantic			marine	decarb.									Grousset et	Literature
K20b	Ocean	E Atlantic	NA	sediment	sediment	< 30 μm	LGM	24.8	0.5119	-14.1	-16.65	25.03	NA	al. (1998)	search
	Atlantic			marine	decarb.									Grousset et	
K20b	Ocean	E Atlantic	NA	sediment	sediment	< 30 μm	P	32.2	0.5119	-15.3	-16.65	25.03	NA	al. (1998)	Scheuvens
	Atlantic			marine	decarb.									Grousset et	
K23	Ocean	E Atlantic	NA	sediment	sediment	< 30 μ m	P	35.3	0.512	-11.7	-7.02	34.33	NA	al. (1998)	Scheuvens
	Atlantic			marine	decarb.									Grousset et	
K25	Ocean	E Atlantic	NA	sediment	sediment	< 30 μ m	P	33	0.512	-13	-10.42	32.4	NA	al. (1998)	Scheuvens
				soil		••	_							Grousset et	
Kayes	Africa	Mali	NA	sediment	bulk	< 30 µ m	P	30.9	NA	-15.2	-11.4	14.6	NA	al. (1998)	Scheuvens
****				soil		••	_							Grousset et	
Kiffa	Africa	Mauritania	PSA2	sediment	bulk	< 30 μ m	P	31.5	0.5119	-13.9	-11.4	16.6	NA	al. (1998)	Scheuvens
				soil										Grousset et	
Labbe	Africa	Guinea	NA	sediment	bulk	< 30 μm	P	22	0.512	-12.1	-12.3	11.3	NA	al. (1998)	Scheuvens
				soil										Grousset et	
Nouakchott	Africa	Mauritania	PSA2	sediment	bulk	< 30 µ m	P	55.9	0.5118	-15.9	-15.95	18.07	NA	al. (1998)	Scheuvens
				soil		••	_	•••			_			Grousset et	
Oujda	Africa	Morocco	NA	sediment	bulk	< 30 µ m	P	29.9	0.512	-11.8	-2	34.34	NA	al. (1998)	Scheuvens
	Atlantic			marine	decarb.									Grousset et	
Ro	Ocean	E Atlantic	off Senegal	sediment	sediment	< 30 μm	P	41.9	0.5119	-14.5	-17.35	14.33	NA	al. (1998)	Scheuvens
Senegal			<b>70.1</b> -	soil		20	-	40.5	0.5115	40.1		4.5.5		Grousset et	a 1
River	Africa	Senegal	PSA2	sediment	bulk	< 30 μm	P	19.2	0.5118	-13.1	-15	16.6	NA	al. (1998)	Scheuvens
Tambacoun			***	soil			-					4.5		Grousset et	~ .
da	Africa	Senegal	NA	sediment	bulk	< 30 µ m	P	31.4	0.5119	-14.5	-13.7	13.8	NA	al. (1998)	Scheuvens
				soil		••	_							Grousset et	~ .
Tichit	Africa	Mauritania	NA	sediment	bulk	$< 30 \mu\mathrm{m}$	P	31.4	0.5119	-15.2	-8	17.4	NA	al. (1998)	Scheuvens

TP:11 1 '	A.C.:	NT:	NIA	soil	1 11	20	D	20	0.512	12.4	0.46	14.01	NT A	Grousset et	0.1
Tillaberi	Africa	Niger	NA	sediment	bulk	< 30 μm	P	29	0.512	-12.4	0.46	14.81	NA	al. (1998)	Scheuvens
Zanamat	A fuice	Manuitania	DCA 2	soil	h.,11r	. 20	D	20	0.5117	170	-10.9	22.0	NI A	Grousset et	Cahaurana
Zouerat	Africa	Mauritania	PSA2	sediment	bulk	< 30 µ m	P	38	0.5117	-17.8	-10.9	23.8	NA	al. (1998)	Scheuvens
S Chile	America	Chile	NA	rocks	bulk	NA	P	21	NA	5.6	-76	-46.2	NA	Guivel et al. (1999)	Jeandel
3 Cilie	America	Cilie	NA	TOCKS	Duik	IVA	Г	21	NA	3.0	-70	-40.2	NA	Harmer et al.	Jeanuei
Zimbabwe	Africa	Zimbabwe	NA	rocks	bulk	NA	P	14.82	NA	-14.5	34.5	-20	NA	(1998)	Jeandel
Costa Rica	Titiou	Zimouowe	1171	TOURS	ounc	1171	-	11.02	1171	11.5	31.5		1171	Hauff et al.	Jeanaer
Coast	America	Costa Rica	NA	rocks	bulk	NA	P	9.3	NA	7.3	-85	10	NA	(2000)	Jeandel
														Hegner and	********
Arabi			Saoudi											Pallister	
Seoudite	Africa	Arabia	Arabia	rocks	bulk	NA	P	30	NA	5	40	20	NA	(1989)	Jeandel
														Hemming et	
														al. (2007),	
	Southern		Antarctic	marine	detrital									Roy et al.	
ELT05-20	Ocean	Antartica	Peninsula	sediment	residue	$<63 \mu\mathrm{m}$	P	38.1	0.5125	-3.3	-74.78	-67.18	NA	(2007)	SedDB
														Hemming et	
														al. (2007),	
	Southern		Antarctic	marine	detrital									Roy et al.	
ELT05-22	Ocean	Antartica	Peninsula	sediment	residue	<63 μ m	P	40.7	0.5127	0.9	-70.25	-65.95	NA	(2007)	SedDB
														Hemming et	
														al. (2007),	
	Southern		W	marine	detrital		_					-0.4.		Roy et al.	
ELT11-18	Ocean	Antartica	Antarctica	sediment	residue	<63 μm	P	47.1	0.5124	-4.7	-102.82	-70.14	NA	(2007)	SedDB
														Hemming et	
	C d		***		1 4 2 1									al. (2007),	
ELT11-19	Southern	Amtoution	W Antonotico	marine	detrital	.62	P	55 1	0.5125	2.2	-99.26	-70.42	NI A	Roy et al. (2007)	Co dDD
EL111-19	Ocean	Antartica	Antarctica	sediment	residue	<63 μ m	Р	55.1	0.5125	-3.3	-99.20	-70.42	NA		SedDB
														Hemming et	
	Southern		W	marine	detrital									al. (2007), Roy et al.	
ELT33-11	Ocean	Antartica	Antarctica	sediment	residue	<63 µ m	P	58.1	0.5125	-2.7	-122.26	-70.1	NA	(2007)	SedDB
EE133 II	Occui	Tintartica	Tinarenea	seament	residue	(03 ji III		50.1	0.5125	2.7	122.20	70.1	1171	Hemming et	Беаръ
														al. (2007),	
	Southern		W	marine	detrital									Roy et al.	
ELT33-12	Ocean	Antartica	Antarctica	sediment	residue	<63 µ m	P	66.1	0.5124	-5.5	-120.17	-70	NA	(2007)	SedDB
						,							-	Hemming et	
														al. (2007),	
	Southern			marine	detrital									Roy et al.	
ELT37-06	Ocean	Antartica	Wilkes Land	sediment	residue	$<63 \mu \mathrm{m}$	P	34.1	0.5118	-17	145.02	-66.08	NA	(2007)	SedDB

ELT37-09	Southern Ocean	Antartica	Wilkes Land	marine sediment	detrital residue	<63 μm	P	37.7	0.5118	-20.4	141.1	-65.55	NA	Hemming et al. (2007), Roy et al. (2007)	SedDB
														Hemming et	
														al. (2007),	
EX 222 40	Southern		******	marine	detrital			42.0	0.5110	161	125.00	67.00	***	Roy et al.	a inn
ELT37-10	Ocean	Antartica	Wilkes Land	sediment	residue	<63 μ m	P	42.8	0.5118	-16.1	137.88	-65.22	NA	(2007)	SedDB
														Hemming et	
	Southern			marine	detrital									al. (2007), Roy et al.	
ELT37-13	Ocean	Antartica	Wilkes Land		residue	<63 μm	P	74.6	0.5119	-14.9	132.98	-64.67	NA	(2007)	SedDB
	000	1111111111111	,, mes Bane	or difficult	Testade	100 /111		,	0.0113	1.1.5	10200	0 1107	- 1111	Hemming et	ST GE E
														al. (2007),	
	Southern			marine	detrital									Roy et al.	
ELT47-07	Ocean	Antartica	Pryzd Bay	sediment	residue	$<63 \mu\mathrm{m}$	P	47.3	0.5115	-21.3	77.9	-66.66	NA	(2007)	SedDB
														Hemming et	
														al. (2007),	
	Southern			marine	detrital		_							Roy et al.	~
ELT50-16	Ocean	Antartica	Wilkes Land	sediment	residue	<63 μ m	P	48.3	0.5119	-13.9	-106.64	-70.17	NA	(2007)	SedDB
														Hemming et	
	Southern			marine	detrital									al. (2007), Roy et al.	
ELT50-18	Ocean	Antartica	Wilkes Land		residue	<63 µ m	P	47.8	0.512	-12.3	119.98	-64.43	NA	(2007)	SedDB
EE130 10	Occan	Tinaruca	W IIKC3 Dalid	sediffent	residue	νου μ πι	-	47.0	0.512	12.5	117.70	04.43	1171	Hemming et	беабъ
														al. (2007),	
	Southern		Dronning	marine	detrital									Roy et al.	
IO1277-25	Ocean	Antartica	Maud Land	sediment	residue	$<63 \mu\mathrm{m}$	P	65.4	0.5121	-11	10.97	-68.61	NA	(2007)	SedDB
														Hemming et	
														al. (2007),	
IO1277-	Southern		Dronning	marine	detrital		_	a						Roy et al.	~
E41	Ocean	Antartica	Maud Land	sediment	residue	<63 μm	P	94.7	0.5119	-15	-5.08	-70	NA	(2007)	SedDB
														Hemming et	
IO1578-	Southern			marine	detrital									al. (2007), Roy et al.	
E48	Ocean	Antartica	Weddel Sea		residue	<63 µ m	P	65.1	0.5122	-8.5	-20.01	-62	NA	(2007)	SedDB
	Occum	. man aca	Nothern	Somment	7001000	100 pi 111	•	05.1	0.5122	0.5	20.01		1121	(2007)	Seabb
			Victoria												
			Land,											Henjes-Kunst	
		E	Southern											and Schussler	Cook-
Berg group	Antarctica	Antarctica	Ocean side	rocks	bulk	NA	P	NA	NA	-14.8	156	-69.5	NA	(2003)	Williams

Bowers Terrane	Antarctica	E Antarctica	Nothern Victoria Land, Southern Ocean side	rocks	bulk	NA	P	NA	NA	-15.9	162.5	-71	NA	Henjes-Kunst and Schussler (2003)	Cook- Williams
			Nothern												
			Victoria Land ,											Henjes-Kunst	
		Е	Southern											and Schussler	Cook-
Lantermann	Antarctica		Ocean side	rocks	bulk	NA	P	NA	NA	-12.7	163.5	-71.8	NA	(2003)	Williams
			Nothern												
			Victoria												
			Land,											Henjes-Kunst	
Rennkick		E	Southern											and Schussler	Cook-
Schists	Antarctica	Antarctica	Ocean side	rocks	bulk	NA	P	NA	NA	-16	160.8	-71.8	NA	(2003)	Williams
			Nothern												
			Victoria											и : и	
D - b D		Б	Land,											Henjes-Kunst	C1-
RobertsonB	Antonotico	E	Southern	#0.01r0	bulk	NA	P	NA	NI A	-14.1	164.2	-71.3	NI A	and Schussler	Cook- Williams
ay Group	Antarctica	Alliarcuca	Ocean side	rocks	DUIK	NA	r	NA	NA	-14.1	104.2	-/1.5	NA	(2003)	williams
			Nothern												
Wilson			Victoria Land ,											Henjes-Kunst	
Gneisses,		Е	Southern											and Schussler	Cook-
	Antarctica		Ocean side	rocks	bulk	NA	P	NA	NA	-12.7	161.1	-70.4	NA	(2003)	Williams
			Nothern					· · · · · · · · · · · · · · · · · · ·							
			Victoria												
Wilson			Land,											Henjes-Kunst	
Gneisses,		E	Southern											and Schussler	Cook-
Wilson Hills	Antarctica	Antarctica	Ocean side	rocks	bulk	NA	P	NA	NA	-13.9	158.5	-69.8	NA	(2003)	Williams
			Nothern												
			Victoria												
			Land,											Henjes-Kunst	
Wilson		E	Southern											and Schussler	Cook-
Terrane	Antarctica	Antarctica	Ocean side	rocks	bulk	NA	P	NA	NA	-14	161.8	-71.7	NA	(2003)	Williams
		Liguro-													
1 A DOD #	Mediterran	Balearic	Gulf of	trap	1 11	1 11	ъ.	37.4	27.4	10.2	5.05	42.00	27.4	Henry et al.	Literature
1ABCD5	ean Sea	Basin	Lyons	sample	bulk	bulk	P	NA	NA	-10.3	5.05	42.98	NA	(1994)	search
	M- 44	Liguro-	C1f - f	4										II	T :4 4
1ABD3	Mediterran ean Sea	Balearic	Gulf of	trap sample	bulk	bulk	P	NA	NA	-9.83	5.05	42.98	NA	Henry et al. (1994)	Literature
IABD3	ean sea	Basin	Lyons	sample	DUIK	DUIK	r	INA	INA	-9.83	5.05	42.98	INA	(1994)	search

		Liguro-													
	Mediterran	Balearic	Gulf of	trap										Henry et al.	Literature
1ABD4	ean Sea	Basin	Lyons	sample	bulk	bulk	P	NA	NA	-10.2	5.05	42.98	NA	(1994)	search
		Liguro-													
DYF FRII-	Mediterran	Balearic	Gulf of	trap										Henry et al.	Literature
A	ean Sea	Basin	Lyons	sample	bulk	bulk	P	NA	NA	-12	7.87	43.4	NA	(1994)	search
		Liguro-													
DYF FRII-	Mediterran	Balearic	Gulf of	trap										Henry et al.	Literature
В	ean Sea	Basin	Lyons	sample	bulk	bulk	P	NA	NA	-11.25	7.87	43.4	NA	(1994)	search
		Liguro-													
DYF FRII-	Mediterran	Balearic	Gulf of	trap										Henry et al.	Literature
C	ean Sea	Basin	Lyons	sample	bulk	bulk	P	NA	NA	-11.14	7.87	43.4	NA	(1994)	search
		Liguro-													
	Mediterran	Balearic	Gulf of	trap										Henry et al.	Literature
DYF IV-A	ean Sea	Basin	Lyons	sample	bulk	bulk	P	NA	NA	-10.75	8.52	42.73	NA	(1994)	search
		Liguro-													
	Mediterran	Balearic	Gulf of	trap										Henry et al.	Literature
DYF IV-B	ean Sea	Basin	Lyons	sample	bulk	bulk	P	NA	NA	-10.73	8.52	42.73	NA	(1994)	search
		Liguro-													
	Mediterran	Balearic	Gulf of	trap										Henry et al.	Literature
ECO II	ean Sea	Basin	Lyons	sample	bulk	bulk	P	NA	NA	-10.63	3.47	42.47	NA	(1994)	search
		Liguro-													
	Mediterran	Balearic	Gulf of	trap										Henry et al.	Literature
ECO III	ean Sea	Basin	Lyons	sample	bulk	bulk	P	NA	NA	-10.23	3.47	42.47	NA	(1994)	search
				river										Henry et al.	Literature
R10	Europe	France	Rhone river	sediment	bulk	bulk	P	19.2	0.5121	-10.5	4.75	43.3	NA	(1994)	search
				river										Henry et al.	Literature
R25	Europe	France	Rhone river	sediment	bulk	bulk	P	17.7	0.5121	-10.4	4.75	43.3	NA	(1994)	search
		Liguro-													
	Mediterran	Balearic	Gulf of	marine										Henry et al.	Literature
R2P 645 m	ean Sea	Basin	Lyons	sediment	bulk	bulk	P	21.4	0.5121	-10.2	3.47	42.47	NA	(1994)	search
				river										Henry et al.	Literature
Rint	Europe	France	Rhone river	sediment	bulk	bulk	P	21.3	0.5121	-9.6	4.75	43.3	NA	(1994)	search
			T,àö,Ñ¢t	river										Henry et al.	Literature
T10	Europe	France	river	sediment	bulk	bulk	P	26.9	0.5121	-10.4	3.05	42.7	NA	(1994)	search
	1		T,àö,Ñ¢t	river										Henry et al.	Literature
T25	Europe	France	river	sediment	bulk	bulk	P	28.1	0.5121	-10.5	3.05	42.7	NA	(1994)	search
	1		T,àö,Ñ¢t	river										Henry et al.	Literature
Tint	Europe	France	river	sediment	bulk	bulk	P	44.6	0.5121	-10.9	3.05	42.7	NA	(1994)	search
Rio de la	20.070		11.01	river	Cum		-		0.0121	10.5			1,11	Henry et al.	5541511
plata	America	Argentina	NA	sediment	bulk	NA	P	40	NA	-9	-58	-35	NA	(1996)	Jeandel
Pium	, interied	, ii geniila	11/1	Scament	Duik	11/1		70	1 1/1	,	50	33	1 1/1	(1770)	Jeander

Nakdongan															
g (South-		W												Hergt et al.	
Korea)	Antarctica	Antarctica	Ross Sea	rocks	bulk	NA	P	12	NA	-20.8	180	-80	NA	(1989a)	Jeandel
														Hergt et al.	
Tasmania	Australia	Tasmania	NA	rocks	bulk	NA	P	12.5	NA	-5.2	147	-43	NA	(1989b)	Jeandel
South														Hergt et al.	
australia	Australia	NA	NA	rocks	bulk	NA	P	22.19	NA	-21.1	136	-36	NA	(1991)	Jeandel
135-834B-															
33R-1	Pacific			marine	decarb.									Hergt et al.	
(2690m)	Ocean	S Pacific	Lau basin	sediment	sediment	NA	P	10.33	NA	9.2	-177.87	-18.57	NA	(1994)	Jeandel
135-835B-															
3R2	Pacific			marine	decarb.									Hergt et al.	
(2905m)	Ocean	S Pacific	Lau basin	sediment	sediment	NA	P	5.44	NA	8.8	-177.3	-18.5	NA	(1994)	Jeandel
135-836A-															
3HCC	Pacific			marine	decarb.									Hergt et al.	
(2466m)	Ocean	S Pacific	Lau basin	sediment	sediment	NA	P	5.1	NA	7.5	-176.82	-20.13	NA	(1994)	Jeandel
Bonin	Pacific													Hickey &	
islands	Ocean	W Pacific	Indonesia	rocks	bulk	NA	P	1.5	NA	2.3	140	27	NA	Frey (1982)	Jeandel
	Pacific		Mariana											Hickey &	
Mariana	Ocean	W Pacific	Islands	rocks	bulk	NA	P	1.8	NA	6.7	145	15	NA	Frey (1982)	Jeandel
Papua New		Papua New												Hickey &	
Guinea	Australia	Guinea	NA	rocks	bulk	NA	P	3.55	NA	4.1	132.65	-1.2	NA	Frey (1982)	Jeandel
														Hickey et al.	
Chile	America	Chile	NA	rocks	bulk	NA	P	18.6	NA	2.1	-72	-42	NA	(1986)	Jeandel
														Hickey et al.	
Chile	America	Chile	NA	rocks	bulk	NA	P	18.6	NA	2.5	-72	-38	NA	(1986)	Jeandel
	Atlantic		Faroes											Holm et al.	
Iles Faroes	Ocean	N Atlantic	Islands	rocks	NA	NA	P	34	NA	7	-7	62		(2001)	Jeandel
HU87-033-	Atlantic	NW		marine	decarb.									Innocent et	
007	Ocean	Atlantic	Davis Strait	sediment	sediment	$<2 \mu \mathrm{m}$	P	26.99	0.5112	-27.5	-57	64	823	al. (1997)	Jeandel
HU87-033-	Atlantic	NW		marine	decarb.									Innocent et	
008	Ocean	Atlantic	Davis Strait	sediment	sediment	$<2 \mu \mathrm{m}$	P	30.91	0.5114	-24.1	-53	62	2424	al. (1997)	Jeandel
HU90-013-	Atlantic	NW	Labrador	marine	decarb.									Innocent et	
006	Ocean	Atlantic	Sea	sediment	sediment	$<2 \mu m$	P	32.35	0.5118	-16.5	-46	60	1105	al. (1997)	Jeandel
HU90-013-	Atlantic	NW	Labrador	marine	decarb.	•								Innocent et	
011		Atlantic	Sea	sediment	sediment	$<2 \mu \mathrm{m}$	P	36.27	0.5122	-8.8	-48	59.5	2805	al. (1997)	Jeandel
	Ocean	1 Itianicio	50 a	De Gillie III											
HU90-013-	Atlantic	NW	Labrador	marine	decarb.									Innocent et	
HU90-013- 020						<2 μm	P	22.33	0.5118	-17	-59	59	2865	Innocent et al. (1997)	Jeandel
	Atlantic	NW	Labrador	marine	decarb.	<2 μ m	P	22.33	0.5118	-17	-59	59	2865		Jeandel

MD00															
MD99- 2308Hy	Atlantic			marine										Jeandel et al.	
(2520m)	Ocean	N Atlantic	Greenland	sediment	NA	NA	P	26.99	NA	-13.7	-13.99	72.9		(2007)	Jeandel
Core NIOP	Indian			marine										Jung et al.	Literature
905 P	Ocean	Somalia	NA	sediment	NA	$< 2 \mu \mathrm{m}$	P	NA	NA	-6.59	51.63	10.26		(2004)	search
Greenland	Atlantic													Kalsbeek et	
SE	Ocean	N Atlantic	Greenland	rocks	NA	NA	P	45	NA	-26	-37	66		al. (1993)	Jeandel
														Keppie et al.	Literature
2386	Africa	Algeria	Atakor	rocks	bulk	NA	P	NA	0.513	6.11	5.73	23.3	NA	(2011)	search
														Keppie et al.	Literature
2481	Africa	Algeria	Atakor	rocks	bulk	NA	P	NA	0.5129	4.37	5.73	23.3	NA	(2011)	search
														Keppie et al.	Literature
2486	Africa	Algeria	Atakor	rocks	bulk	NA	P	NA	0.5129	5.85	5.73	23.3	NA	(2011)	search
2510	4.6.		4.1	•	1 11	27.4	D	27.4	0.5120	4.55	5.50	22.2	27.4	Keppie et al.	Literature
2510	Africa	Algeria	Atakor	rocks	bulk	NA	P	NA	0.5129	4.55	5.73	23.3	NA	(2011)	search
22011	A C:	A 1:	A 4 - 1 · ·	1	111.	NI A	D	NT A	0.5130	2.06	5 72	22.2	NIA	Keppie et al.	Literature
2381b	Africa	Algeria	Atakor	rocks	bulk	NA	P	NA	0.5128	3.96	5.73	23.3	NA	(2011)	search
2470b	Africa	Algeria	Atakor	rocks	bulk	NA	P	NA	0.5129	4.97	5.73	23.3	NA	Keppie et al. (2011)	Literature search
24700	Annea	Augeria	Makoi	TOCKS	Ouik	11/1		11/1	0.5127	7.51	5.15	23.3	11/1	Keppie et al.	Literature
2474b	Africa	Algeria	Atakor	rocks	bulk	NA	P	NA	0.5129	5.83	5.73	23.3	NA	(2011)	search
		8												Keppie et al.	Literature
2475b	Africa	Algeria	Atakor	rocks	bulk	NA	P	NA	0.5129	5.17	5.73	23.3	NA	(2011)	search
														Keppie et al.	Literature
2480b	Africa	Algeria	Atakor	rocks	bulk	NA	P	NA	0.5129	4.43	5.73	23.3	NA	(2011)	search
														Keppie et al.	Literature
2501b	Africa	Algeria	Atakor	rocks	bulk	NA	P	NA	0.5129	4.68	5.73	23.3	NA	(2011)	search
			Djebel												
			Taharaq											Keppie et al.	Literature
TQ89-2	Africa	Algeria	(Anahef)	rocks	bulk	NA	P	NA	0.5127	1.58	6.97	24.24	NA	(2011)	search
			Djebel												
TO 00 24	4.6.		Taharaq	•	1 11	27.4	D	27.4	0.5120	2.46	6.07	24.24	27.4	Keppie et al.	
TQ89-24	Africa	Algeria	(Anahef)	rocks	bulk	NA	P	NA	0.5128	2.46	6.97	24.24	NA	(2011)	search
			Djebel											Vannia at al	Litamatuma
TQ90-12	Africa	Algeria	Taharaq (Anahef)	rocks	bulk	NA	P	NA	0.5127	1.05	6.97	24.24	NA	Keppie et al. (2011)	Literature search
GeoB4901-	Atlantic	1 11gC11a	(maner)	marine	detrital	11/1		11/1	0.5127	1.05	0.71	∠¬.∠¬	11/1	Kraft et al.	Author
5	Ocean	E Atlantic	NA	sediment	residue	NA	P	NA	NA	-11.8	6.72	2.68	2177	(2013)	contribution
GeoB4902-	Atlantic		- 12.2	marine	detrital		-	- 12.2	- 11.2	-1.0	- * · <b>-</b>	_,,,,	=+	Kraft et al.	Author
4	Ocean	E Atlantic	NA	sediment	residue	NA	P	NA	NA	-11	6.03	2.35	3221	(2013)	contribution
GeoB4905-	Atlantic			marine	detrital									Kraft et al.	Author
2	Ocean	E Atlantic	NA	sediment	residue	NA	P	NA	NA	-15.8	9.39	2.5	1329	(2013)	contribution

East South-		South												Lan et al.	
Korea	Asia	Korea	East	rocks	bulk	NA	P	39.42	NA	-23.9	129	37	NA	(1995)	Jeandel
Hangang															
(South-		South		river										Lan et al.	
Korea)	Asia	Korea	Hangang	sediment	bulk	NA	P	39.02	NA	-16.9	126	37	NA	(1995)	Jeandel
Nakdongan															
g (South-		South		river										Lan et al.	
Korea)	Asia	Korea	Nakdongang		bulk	NA	P	31.2	NA	-13.4	129	35	NA	(1995)	Jeandel
Sumjingang															
(South-		South		river										Lan et al.	
Korea)	Asia	Korea	Sumjingang		bulk	NA	P	37.92	NA	-18.4	127.5	34.5	NA	(1995)	Jeandel
Youngsang		Horeu	Samjingang	Scannent	oun	1171	-	37.52	1171	10.1	127.5	51.5	1171	(1333)	Jeunder
ang (South-		South	Youngsanga	river										Lan et al.	
Korea)	Asia	Korea	ng	sediment	bulk	NA	P	35.69	NA	-13.2	126	35	NA	(1995)	Jeandel
- Korca)	Itsia	Roica	Central	scument	buik	1471	1	33.07	1171	-13.2	120	33	11/1	Licht et al.	Jeander
Pondaung														(2013); Ali et	Literature
formation	Asia	India	Myanmar basin	rocks	bulk	NA	P	NA	NA	-2.51	94.83	21.75	NA	al. (2015)	
Tormation	Asia	Hiula	Dasiii	TOCKS	buik	NA	Г	NA	IVA	-2.31	94.03	21.73	INA	. ,	search
***														Licht et al.	<b>T</b>
Yaw		*	***					***	***		0.4.60	21.5	37.1	(2013); Ali et	
formation	Asia	India	NA	rocks	bulk	NA	P	NA	NA	-6.16	94.68	21.7	NA	al. (2015)	search
														Lucassen &	
Central														Thirwall	
Chile	America	Chile	NA	rocks	bulk	NA	P	8.5	NA	5.5	-70.3	-23.85	NA	(1998)	Jeandel
														Luhr and	
														Haldar	
Barren	Indian													(2006); Ali et	Literature
island	Ocean	N Indian	NA	rocks	bulk	NA	P	NA	NA	5.2	94.27	13.45	NA	al. (2015)	search
														M,Äö√†√∂¬¨	
New	Pacific		New											,à'nker	
Zealand	Ocean	SW Pacific	Zealand	rocks	NA	NA	P	5	NA	1.2	172.4	-41		(2000)	Jeandel
		Е												M,àö,àÇller	Cook-
171293	Antarctica	Antarctica	WR	rocks	bulk	NA	P	6.01	0.5119	-13.6	110.42	-66.35	NA	et al. (2016)	Williams
		Е												M,àö,àÇller	Cook-
612294	Antarctica	Antarctica	WR	rocks	bulk	NA	P	2.76	0.5121	-11.3	110.42	-66.35	NA	et al. (2016)	Williams
		E												M,àö,àÇller	Cook-
1011194	Antarctica	Antarctica	WR	rocks	bulk	NA	P	16.57	0.512	-13.1	110.42	-66.35	NA	et al. (2016)	Williams
1011174	, marcuca	E	*****	TOCKS	Ouik	11/1	1	10.57	0.512	15.1	110.72	00.55	1471	M,àö,àÇller	Cook-
2631293	Antaration	Antarctica	WR	rocks	bulk	NA	P	10.7	0.5116	-19.3	110.42	-66.35	NA	et al. (2016)	Williams
2031293	Amarcuca		VV IX	TOCKS	Dulk	INA	r	10./	0.3110	-17.3	110.42	-00.33	INA	, ,	
7071100	A 4	E	WD	1	111	N/ A	D	0.4	0.5115	22	110.42	66.25	NT A	M,àö,àÇller	Cook-
7271193	Antarctica	Antarctica	WR	rocks	bulk	NA	P	8.4	0.5115	-22	110.42	-66.35	NA	et al. (2016)	Williams
0.50204 :		Е	W.D.					0.0	0.510		110.12	66.05	***	M,àö,àÇller	Cook-
9503014	Antarctica	Antarctica	WR	rocks	bulk	NA	P	0.9	0.5126	-1.6	110.42	-66.35	NA	et al. (2016)	Williams

		Е												M,àö,àÇller	Cook-
10231293	Antarctica		WR	rocks	bulk	NA	P	13.82	0.5116	-19.5	110.42	-66.35	NA	et al. (2016)	Williams
		Е												M,àö,àÇller	Cook-
20311293	Antarctica	Antarctica	WR	rocks	bulk	NA	P	11.54	0.5118	-16.6	110.42	-66.35	NA	et al. (2016)	Williams
		Е												M,àö,àÇller	Cook-
16294b	Antarctica	Antarctica	WR	rocks	bulk	NA	P	10.69	0.5121	-11.4	110.42	-66.35	NA	et al. (2016)	Williams
-		Е												M,àö,àÇller	Cook-
54294b	Antarctica	Antarctica	WR	rocks	bulk	NA	P	4.13	0.5116	-19.8	110.42	-66.35	NA	et al. (2016)	Williams
		Е												M,àö,àÇller	Cook-
64294m	Antarctica	Antarctica	WR	rocks	bulk	NA	P	7.83	0.5113	-26.1	110.42	-66.35	NA	et al. (2016)	Williams
		Е												M,àö,àÇller	Cook-
dc 145	Antarctica	Antarctica	WR	rocks	bulk	NA	P	7.38	0.512	-12.6	110.42	-66.35	NA	et al. (2016)	Williams
		Mackenzie-													
	Arctic	Canadian		marine	detrital									Maccali et al.	Literature
A10	Ocean	Arctic	NA	sediment	residue	63-100 μm	P	NA	0.512	-13.3	-107.26	79.43	NA	(2018)	search
		Mackenzie-													
	Arctic	Canadian		marine	detrital									Maccali et al.	Literature
A11	Ocean	Arctic	NA	sediment	residue	63-100 μm	P	NA	0.5119	-14	-102.2	79.26	NA	(2018)	search
		Mackenzie-													
	Arctic	Canadian		marine	detrital		_							Maccali et al.	
A12	Ocean	Arctic	NA	sediment	residue	63-100 μm	P	NA	0.5119	-15.2	-106.41	74.88	NA	(2018)	search
	Arctic	*		marine	detrital	(2.100		***	0.510	10.6	120.02	<b>5.1.5</b>	***	Maccali et al.	
A13	Ocean	Laptev Sea	NA	sediment	residue	63-100 μm	P	NA	0.512	-12.6	130.92	71.5	NA	(2018)	search
. 1.4	Arctic	E Siberian	27.4	marine	detrital	62 100	ъ	27.4	0.5122	7.0	160.00	71.02	27.4	Maccali et al.	
A14	Ocean	Sea	NA	sediment	residue	63-100 μm	P	NA	0.5122	-7.8	160.03	71.92	NA	(2018)	search
. 1.7	Arctic	T . G	27.4	marine	detrital	62 100	ъ	27.4	0.510	11.0	125.02	74.50	27.4	Maccali et al.	Literature
A15	Ocean	Laptev Sea	NA	sediment	residue	63-100 μm	P	NA	0.512	-11.8	125.93	74.53	NA	(2018)	search
A 16	Arctic	I C	NI A	marine	detrital	62 100	D	NT A	0.5121	11.2	125.02	74.52	NT A	Maccali et al.	
A16	Ocean	Laptev Sea	NA	sediment	residue	63-100 μm	P	NA	0.5121	-11.2	125.93	74.53	NA	(2018)	search
A17	Arctic Ocean	E Siberian Sea	NA	marine sediment	detrital residue	63-100 µ m	P	NA	0.5122	-8.9	165	70.09	NA	Maccali et al. (2018)	Literature search
A17	Arctic	Sea	NA	marine	detrital	03-100 μ 111	Г	INA	0.3122	-0.9	103	70.09	INA	Maccali et al.	
A18	Ocean	Laptev Sea	NA	sediment	residue	63-100 μm	P	NA	0.512	-12.6	138.97	74.32	NA	(2018)	search
A10	Arctic	Lapic v Sca	IIA	marine	detrital	03-100 μ III	1	INA	0.512	-12.0	130.97	74.32	INA	Maccali et al.	
A19	Ocean	Chuksi Sea	NA	sediment	residue	63-100 µ m	P	NA	0.5123	-7	-170.37	67.47	NA	(2018)	search
1117	Occan	Mackenzie-	11/1	scuillellt	residue	05-100 μ III	1	INA	0.3143	- /	-1/0.0/	07.47	INA	(2010)	scarcii
	Arctic	Canadian		marine	detrital									Maccali et al.	Literature
A2	Ocean	Arctic	NA	sediment	residue	63-100 μm	P	NA	0.5119	-14.8	-137.99	69.35	NA	(2018)	search
112	Occum	Mackenzie-	1171	Scament	7051000	55 100 ji iii	•	1111	0.5117	11.0	157.57	07.00	1111	(2010)	Scaren
	Arctic	Canadian		marine	detrital									Maccali et al.	Literature
A20	Ocean	Arctic	NA	sediment	residue	63-100 μm	P	NA	0.5119	-14.5	-133.97	69.87	NA	(2018)	search
.120	Coun		. 12 %	Se difficilit	1001000	55 150 pm	•	. 11. 1	0.0117	. 110	100.71	52.07	. 1/ 1	(=310)	504.011

		Mackenzie-													
	Arctic	Canadian		marine	detrital									Maccali et al.	Literature
A21	Ocean	Arctic	NA	sediment	residue	$63-100  \mu  \mathrm{m}$	P	NA	0.512	-12.5	-96.09	81.17	NA	(2018)	search
	Arctic	E Siberian		marine	detrital									Maccali et al.	Literature
A22	Ocean	Sea	NA	sediment	residue	63-100 $\mu$ m	P	NA	0.5122	-8.6	179.89	69.98	NA	(2018)	search
	Arctic			marine	detrital									Maccali et al.	Literature
A23	Ocean	Laptev Sea	NA	sediment	residue	$63-100  \mu  \mathrm{m}$	P	NA	0.5119	-15.2	133.88	73.75	NA	(2018)	search
	Arctic			marine	detrital									Maccali et al.	Literature
A24	Ocean	Chuksi Sea	NA	sediment	residue	$63-100  \mu  \mathrm{m}$	P	NA	0.5122	-9.5	-156.5	71.75	NA	(2018)	search
	Arctic			marine	detrital									Maccali et al.	Literature
A25	Ocean	Chuksi Sea	NA	sediment	residue	$63-100  \mu  \mathrm{m}$	P	NA	0.5122	-8.8	-165.5	69.8	NA	(2018)	search
	Arctic	E Siberian		marine	detrital									Maccali et al.	Literature
A29	Ocean	Sea	NA	sediment	residue	63-100 $\mu$ m	P	NA	0.5121	-10.7	155.4	73.97	NA	(2018)	search
	Arctic			marine	detrital									Maccali et al.	Literature
A3	Ocean	Barents Sea	NA	sediment	residue	63-100 $\mu$ m	P	NA	0.5119	-14.7	42.61	71.74	NA	(2018)	search
	Arctic	E Siberian		marine	detrital									Maccali et al.	Literature
A30	Ocean	Sea	NA	sediment	residue	63-100 $\mu$ m	P	NA	0.5119	-15.2	149.5	72.58	NA	(2018)	search
	Arctic			marine	detrital									Maccali et al.	Literature
A31	Ocean	Laptev Sea	NA	sediment	residue	63-100 $\mu$ m	P	NA	0.512	-12.2	122	74.33	NA	(2018)	search
	Arctic	E Siberian		marine	detrital									Maccali et al.	Literature
A32	Ocean	Sea	NA	sediment	residue	63-100 $\mu$ m	P	NA	0.5122	-8.2	175	70.45	NA	(2018)	search
	Arctic	E Siberian		marine	detrital									Maccali et al.	Literature
A33	Ocean	Sea	NA	sediment	residue	63-100 $\mu$ m	P	NA	0.5123	-7.4	170	70.72	NA	(2018)	search
	Arctic			marine	detrital									Maccali et al.	Literature
A34	Ocean	Laptev Sea	NA	sediment	residue	63-100 $\mu$ m	P	NA	0.512	-13	120	75.5	NA	(2018)	search
	Arctic			marine	detrital									Maccali et al.	Literature
A35	Ocean	Chuksi Sea	NA	sediment	residue	$63-100  \mu  \text{m}$	P	NA	0.5123	-7.1	-173.41	67.58	NA	(2018)	search
	Arctic			marine	detrital									Maccali et al.	Literature
A36	Ocean	Laptev Sea	NA	sediment	residue	63-100 μm	P	NA	0.512	-12.2	143.73	74.33	NA	(2018)	search
	Arctic			marine	detrital									Maccali et al.	Literature
A4	Ocean	Kara Sea	NA	sediment	residue	63-100 μm	P	NA	0.512	-12.5	58.95	73.05	NA	(2018)	search
	Arctic			marine	detrital									Maccali et al.	Literature
A49	Ocean	Barents Sea	NA	sediment	residue	63-100 μm	P	NA	0.5122	-9	25.84	79.57	NA	(2018)	search
		Mackenzie-													
	Arctic	Canadian		marine	detrital									Maccali et al.	Literature
A5	Ocean	Arctic	NA	sediment	residue	63-100 μm	P	NA	0.512	-13.3	-102.61	80.48	NA	(2018)	search
		Mackenzie-											·		
	Arctic	Canadian		marine	detrital									Maccali et al.	Literature
A51	Ocean	Arctic	NA	sediment	residue	63-100 μm	P	NA	0.5116	-19.5	-63.26	81.62	NA	(2018)	search
		Mackenzie-													
	Arctic	Canadian		marine	detrital									Maccali et al.	
A6	Ocean	Arctic	NA	sediment	residue	63-100 μm	P	NA	0.512	-13.3	-102.61	80.48	NA	(2018)	search

A7	Arctic Ocean	Kara Sea	NA	marine sediment	detrital residue	63-100 μm	P	NA	0.5122	-9.6	66.92	78.48	NA	Maccali et al. (2018)	Literature search
117	Occan	Mackenzie-		seament	residue	05 100 µ III	•	1171	0.5122	7.0	00.72	70.40	1171	(2010)	scaren
	Arctic	Canadian		marine	detrital									Maccali et al.	Literature
A9	Ocean	Arctic	NA	sediment	residue	63-100 μm	P	NA	0.512	-13.3	-107.26	79.43	NA	(2018)	search
	Southern			soil		,								Mahoney et	
kerguelen	Ocean	Kerguelen	NA	sediment	bulk	NA	P	21	NA	-8	83	-65	NA	al. (1995)	Jeandel
Akutan															
Island															
(Aleutian														McCulloch &	
Is)	America	Aleutian	NA	rocks	bulk	NA	P	20.03	NA	7.4	-166	54	NA	Perfit (1981)	Jeandel
Bogoslov															
Island (Al														McCulloch &	
Is)	America	Aleutian	NA	rocks	bulk	NA	P	26.3	NA	7.2	-169	54	NA	Perfit (1981)	Jeandel
Kiska									,						
Island (Al														McCulloch &	
Is)	America	Aleutian	NA	rocks	bulk	NA	P	11.5	NA	8.5	177	53	NA	Perfit (1981)	Jeandel
Unalaska															
Island (Al														McCulloch &	
Is)	America	Aleutian	NA	rocks	bulk	NA	P	13.15	NA	7.6	-168	54	NA	Perfit (1981)	Jeandel
	Pacific			marine	decarb.									McCulloch et	
BB 9979 W	Ocean	W Pacific	Australia	sediment	sediment	NA	P	32	NA	-6.3	146.15	-17.3	NA	al. (2003)	Jeandel
Amazon			Amazon	river										McDaniel et	
Fan	America	Brazil	river	sediment	bulk	NA	P	42	NA	-10.2	-48	7.5	NA	al. (1997)	Jeandel
	Pacific		Celebes	marine	decarb.									McLennan et	Jeandel/Hem
BA16-M	Ocean	W Pacific	Basin	sediment	sediment	NA	P	19.2	0.5121	4.2	121.32	2.42	5336	al. (1990)	ming
1	Pacific			marine	decarb.									McLennan et	Jeandel/Hem
BA23-M	Ocean	NW Pacific	Japan Basin	sediment	sediment	NA	P	32.7	0.5114	-9.3	130.58	36.39	2111	al. (1990)	ming
			West												
	Pacific		Mexico	marine	decarb.									McLennan et	Jeandel/Hem
CA24-S	Ocean	E Pacific	Basin	sediment	sediment	NA	P	14.5	0.5121	4.2	-104.36	18.13	680	al. (1990)	ming
			Middle												
	Pacific		America	marine	decarb.									McLennan et	Jeandel/Hem
CA25-M	Ocean	E Pacific	trench	sediment	sediment	NA	P	26	0.5119	1.3	-105.3	19.06	4912	al. (1990)	ming
	Pacific		Peru Chile	marine	decarb.									McLennan et	Jeandel/Hem
CA27-S	Ocean	SE Pacific	slope	sediment	sediment	NA	P	19.7	0.5117	-3.2	-73.73	-16.92	3603	al. (1990)	ming
	Pacific		Peru Chile	marine	decarb.									McLennan et	
CA29-M	Ocean	SE Pacific	trench	sediment	sediment	NA	P	23.7	0.5116	-5	-81.24	-7.35	5856	al. (1990)	ming
	Indian	E Indian		marine	decarb.									McLennan et	_
CA30-M	Ocean	Ocean	Java trench	sediment	sediment	NA	P	35	0.5111	-13.8	103.07	-7.21	6454	al. (1990)	ming
	Pacific		Alaska	marine	decarb.									McLennan et	
SS13-S	Ocean	NE Pacific	Basin	sediment	sediment	NA	P	17.3	0.5119	1.6	-145.59	54.37	4111	al. (1990)	ming
5510 5	o o o o a a a	- 12 Tuemie	20011	_ 2 G11110 110	_ cannont			1	0.0117	1.0	1.0.07	5	1	(1>>5)	5

RC15-79	n et Jeandel/Her  ) ming n et Jeandel/Her  ) ming ch  rig n al. Literature search al. Literature
Falk	ming ming ming ming ming ming ming ming
RC15-79   Ocean   SW Atlantic   Basin   sediment   sediment   NA   P   13.7   0.5116   -4.4   -60.28   -52.55   472   al. (15	ming ming ming ming ming ming ming ming
MeLen	n et Jeandel/Hei  )) ming  ch  irg  n  Al. Literature  search  al. Literature
RC13-220   Ocean   E Atlantic   Basin   sediment   sediment   NA   P   9.1   0.5106   -24.9   12.36   -12.12   1760   al. (15.25   1.45   1.	ming ch arg n al. Literature search al. Literature
McMu and Narscita   Southern   river   Southern   river   Park   Southern   Revel   Canada   America   Canada   Canada   sediment   bulk   NA   P   NA   0.5114   -25   -54.95   48.69   NA   (1918)   Revel   Miller   Maller   M	och  arg n al. Literature search al. Literature
Souther	n Literature search
Southern   Canada	al. Literature search al. Literature
Southern   Canada	al. Literature search al. Literature
Southern   Canada	al. Literature search
Canada   America   Canada   Canada   Sediment   bulk   NA   P   NA   0.5114   -25   -54.95   48.69   NA   (1990	search al. Literature
WAU1	al. Literature
WAU1         Africa         Libya         Namus         rocks         bulk         basalts         P         57.9         0.5129         5.68         17.75         24.93         NA         (201           SO213,-84,- Pacific         marine         detrital	
Moling   SO213,-84,-   Pacific   Marine   detrital   Moling   SO213,-84,-   Pacific   NA   sediment   residue   NA   H   NA   NA   -3.5   -174.58   -45.12   992   al. (20	
SO213,-84,- Pacific	search
2   Ocean   S Pacific   NA   sediment   residue   NA   H   NA   NA   -3.5   -174.58   -45.12   992   al. (20   No   No   No   No   No   No   No   N	
SO213,-85,-   Pacific	
SO213,-85,-   Pacific   MA   sediment   residue   NA   P   NA   NA   -3.5   -174.53   -44.77   NA   al. (20   Molin   SO213,-87,-   Pacific   MA   sediment   residue   NA   P   NA   NA   -3.7   -174.1   -44.08   NA   al. (20   Molin   SO213,-87,-   Pacific   MA   sediment   residue   NA   P   NA   NA   -3.7   -174.1   -44.08   NA   al. (20   Molin   Moli	) contribution
E1         Ocean         S Pacific         NA         sediment         residue         NA         P         NA         NA         -3.5         -174.53         -44.77         NA         al. (20 Molin	
Moling   SO213,-87,- Pacific   marine   detrital   Kesch	et External
SO213,-87,- Pacific marine detrital Kesch E1 Ocean S Pacific NA sediment residue NA P NA NA -3.7 -174.1 -44.08 NA al. (20)  East marine NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -12.9 75 -73 N/A  East marine NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -2.7 69 -71 N/A  NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -2.7 68 -71 N/A  East marine NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -25 68 -71 N/A  East marine NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -27.1 68 -73 N/A  East marine NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -27.1 68 -73 N/A  East marine	contribution
E1 Ocean S Pacific NA sediment residue NA P NA NA -3.7 -174.1 -44.08 NA al. (20 NA Antarctica Prydz Bay sediment NA NA P NA NA -12.9 75 -73 N/A  NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -2.7 69 -71 N/A  NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -2.7 69 -71 N/A  NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -2.5 68 -71 N/A  NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -25 68 -71 N/A  East marine  NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -27.1 68 -73 N/A  East marine  NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -27.1 68 -73 N/A  East marine	
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NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -25 68 -71 N/A  East marine  NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -27.1 68 -73 N/A  East marine	Williams
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East marine	
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NA A CONTRACTOR NA	
NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -27.2 68 -73 N/A	
East marine	Williams
NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -10.3 68 -71 N/A	Williams
East marine	··
NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -12.9 67 -72 N/A	Williams
East marine	Williams
NA Antarctica Antarctica Prydz Bay sediment NA NA P NA NA -12.8 65 -70 N/A	··

NA   Antarctica   Antarctica   Pacific   Pacific   Pacific   NA   Sediment   Pacific   NA   Sediment   residue   NA   Pacific   NA   Sediment   P			East		marine											
Triffs-83   Ocas   Ne Pacific   NA   Sediment   residue   NA   P   18.5   NA   -6.1   -13.17   46.3   NA   (1993)   Jeandel	NA	Antarctica		Prydz Bay		NA	NA	P	NA	NA	-30.4	65	-74		N/A	Williams
Note		Pacific			marine	detrital									Nakai et al.	
Main	TT175-83P	Ocean	NE Pacific	NA	sediment	residue	NA	P	18.5	NA	-6.1	-131.7	46.3	NA	(1993)	Jeandel
Name		Pacific			marine	detrital									Nakai et al.	
PS2819-1   Ocean   S Atlantic   NA   sediment   residue   NA   P   NA   0.5125   -2.3   -17.85   -72.39   1432   (2012)   Sed DB   NA   NA   NA   NA   NA   NA   NA   N	V19-29	Ocean	SE Pacific	NA	sediment	residue	NA	LGM	9.12	NA	-4.3	-83.9	-3.6	NA	(1993)	Jeandel
Maintage   Maintage		Atlantic			marine	detrital									Noble et al.	
PS2819-1   Ocean   S Atlantic   NA   Sediment   residue   NA   LGM   NA   0.5121   -0.9   -17.85   -72.39   1432   (2012)   SedDB   SedDB   SedDE	PS2819-1	Ocean	S Atlantic	NA	sediment	residue	NA	P	NA	0.5125	-2.3	-17.85	-72.39	1432	(2012)	SedDB
Souther   Sou		Atlantic			marine	detrital									Noble et al.	
PS282-1   Ocean	PS2819-1	Ocean	S Atlantic	NA	sediment	residue	NA	LGM	NA	0.5121	-9.9	-17.85	-72.39	1432	(2012)	SedDB
PS28201   Ocean   Antartica   NA   Sediment   residue   NA   P   NA   0.5125   -2.6   -15.78   -71.67   1341   (2012)   SedDB		Southern			marine	detrital									Noble et al.	
PS2820-1   Ocean   Antartica   Na   sediment   residue   Na   P   Na   0.5125   2.6   -15.78   -71.67   134   (2012)   SedDB   Atlantic   Na   Sediment   residue   Na   LGM   Na   0.5125   3.5   4.501   5.555   3826   (2012)   SedDB   Na   Na   Na   Na   Na   Na   Na   N	PS2820-1	Ocean	Antartica	NA	sediment	residue	NA	LGM	NA	0.5121	-10	-15.78	-71.67	1341	(2012)	SedDB
Atlantic   NA   Sediment   Procession   Salantic   NA   Sediment   Procession   Procession   NA   LGM   NA   0.5125   -3.5   -45.01   -55.55   3826   (2012)   SedDB		Southern			marine	detrital									Noble et al.	
TPC290   Ocean   S Atlantic   NA   sediment   residue   NA   LGM   NA   0.5125   3.5   45.01   0.55.55   3826   (2012)   SedDB   Atlantic   TPC290   Ocean   S Atlantic   NA   sediment   residue   NA   P   NA   0.5124   5.1   45.01   5.5.55   3826   (2012)   SedDB   CPC290   CPC2	PS2820-1	Ocean	Antartica	NA	sediment	residue	NA	P	NA	0.5125	-2.6	-15.78	-71.67	1341	(2012)	SedDB
Atlantic   Name   Mathematic   Name   Mathematic   Name   Mathematic   Name		Atlantic			marine	detrital									Noble et al.	
TPC290         Ocan         S Atlantic         NA         sediment         residue         NA         P         NA         0.5124         -5.1         -45.01         -55.55         3826         (2012)         SedDB           Revel cl.         Sediment         residue         Sediment         Final and sediment         NA         P         NA         0.5124         -5.1         -45.01         -55.55         3826         (2012)         SedDB           Revel cl.         Sediment         Sedim	TPC290	Ocean	S Atlantic	NA	sediment	residue	NA	LGM	NA	0.5125	-3.5	-45.01	-55.55	3826	(2012)	SedDB
ONions and Gr, Aoh*v    ONIo		Atlantic			marine	detrital									Noble et al.	
Celandic   Atlantic   Section   S	TPC290	Ocean	S Atlantic	NA	sediment	residue	NA	P	NA	0.5124	-5.1	-45.01	-55.55	3826	(2012)	SedDB
Celandic   Atlantic   Celand   Tocks   NA   NA   P   NA   NA   P   NA   P   NA   P   P   P   P   P   P   P   P   P															O'Nions and	
Celandic   Atlantic   Decan   N Atlantic   Celand   rocks   NA   NA   NA   P   NA   NA   7.98   -19.06   63.65   63.65   64.096   search   Revel et al.   Literature   Liter																
Revel et al.   Literature   L															Äö√†√ánvold	
Desalts   Ocean   NAtlantic   Iceland   rocks   NA   NA   P   NA   NA   7.98   -19.06   63.65   (1996)   search															(1973) in	
Celandic   Atlantic   Section   Atlantic   Celand   Tocks   bulk   NA   P   NA   0.5131   7.98   -19.06   63.65   NA   (1996)   search	Icelandic	Atlantic													Revel et al.	Literature
Celandic   Atlantic   Dean   N Atlantic   Celand   Tocks   Dulk   NA   P   NA   O.513   7.98   -19.06   63.65   NA   (1996)   Search   Na   Na   Na   Na   Na   Na   Na   N	basalts	Ocean	N Atlantic	Iceland	rocks	NA	NA	P	NA	NA	7.98	-19.06	63.65		(1996)	search
Celandic   Atlantic   Decample   Section   Celand   Tocks   Dulk   NA   P   NA   O.5131   7.98   -19.06   63.65   NA   O.5131   NA   O.5131   O.513   O.513															O'Nions and	
Revel et al.   Literature   L															Gr,àö,àÇnvo	
basalts         Ocean         N Atlantic         Iceland         rocks         bulk         NA         P         NA         0.5131         7.98         -19.06         63.65         NA         (1996)         search           Baltic Sea         Europe         Finland         Baltic Sea         sediment         bulk         NA         P         13         NA         -19.4         25         67         NA         al. (2000)         Jeandel           V28-341         Indian         E Indian         marine         Ocean         Ocean         Timor         sediment         bulk         NA         P         17.33         NA         -9.3         130.13         -9.06         NA         (1989)         Jeandel           V33-75         Indian         E Indian         marine         Ocean         Sunda         sediment         bulk         NA         P         16.98         NA         -3.1         107.11         -8.25         NA         (1989)         Jeandel           V33-77         Indian         E Indian         marine         Ocean         Sunda         sediment         bulk         NA         P         13.75         NA         -2.8         106.43         -8.7         NA         (19															ld (1973) in	
Baltic Sea   Europe   Finland   Baltic Sea   sediment   bulk   NA   P   13   NA   -19.4   25   67   NA   al. (2000)   Jeandel	Icelandic	Atlantic														Literature
Baltic Sea   Europe   Finland   Baltic Sea   sediment   bulk   NA   P   13   NA   -19.4   25   67   NA   al. (2000)   Jeandel	basalts	Ocean	N Atlantic	Iceland	rocks	bulk	NA	P	NA	0.5131	7.98	-19.06	63.65	NA	(1996)	search
V28-341					soil										Ohlander et	
(750m)         Ocean         Ocean         Timor         sediment         bulk         NA         P         17.33         NA         -9.3         130.13         -9.06         NA         (1989)         Jeandel           V33-75         Indian         E Indian         marine         Sunda         sediment         bulk         NA         P         16.98         NA         -3.1         107.11         -8.25         NA         (1989)         Jeandel           V33-77         Indian         E Indian         marine         Othman et al.		Europe	Finland	Baltic Sea	sediment	bulk	NA	P	13	NA	-19.4	25	67	NA	al. (2000)	Jeandel
V33-75         Indian         E Indian         marine         Othman et al.           (3396m)         Ocean         Ocean         Sunda         sediment         bulk         NA         P         16.98         NA         -3.1         107.11         -8.25         NA         (1989)         Jeandel           V33-77         Indian         E Indian         marine         Time of the control of the cont		Indian	E Indian		marine											
Company   Comp	(750m)	Ocean	Ocean	Timor	sediment	bulk	NA	P	17.33	NA	-9.3	130.13	-9.06	NA	(1989)	Jeandel
V33-77		Indian	E Indian		marine											
Company   Comp		Ocean	Ocean	Sunda	sediment	bulk	NA	P	16.98	NA	-3.1	107.11	-8.25	NA	(1989)	Jeandel
V33-79         Indian         E Indian         marine         Othman et al.           (3000m)         Ocean         Ocean         Sunda         sediment         bulk         NA         P         13.38         NA         -2.6         106.4         -7.9         NA         (1989)         Jeandel           Abay,         river         Padoan et al.	V33-77	Indian	E Indian		marine						_					
(3000m)         Ocean         Ocean         Sunda         sediment         bulk         NA         P         13.38         NA         -2.6         106.4         -7.9         NA         (1989)         Jeandel           Abay,         river         Padoan et al.	, ,	Ocean	Ocean	Sunda	sediment	bulk	NA	P	13.75	NA	-2.8	106.43	-8.7	NA	(1989)	Jeandel
Abay, river Padoan et al.	V33-79	Indian	E Indian		marine										Othman et al.	
	(3000m)	Ocean	Ocean	Sunda	sediment	bulk	NA	P	13.38	NA	-2.6	106.4	-7.9	NA	(1989)	Jeandel
Amhara Africa Ethiopia Nile River sediment bulk NA P 32 0.5127 0.7 36.82 10.35 NA (2010) Padoan	Abay,				river										Padoan et al.	
	Amhara	Africa	Ethiopia	Nile River	sediment	bulk	NA	P	32	0.5127	0.7	36.82	10.35	NA	(2010)	Padoan

Abay, Goha				river										Padoan et al.	
Tsiyon	Africa	Ethiopia	Nile River	sediment	bulk	<40 μ m	P	26	0.5131	8.2	38.24	10.01	NA	(2010)	Padoan
Albert Nile,				river										Padoan et al.	
	A C:	II	Nil- Di		111.	NIA	D	20	0.5100	22.5	21.44	2.72	NIA		D- 4
Wadelai	Africa	Uganda	Nile River	sediment	bulk	NA	P	20	0.5109	-33.5	31.44	2.72	NA	(2010)	Padoan
Anger,														D.1 1	
Tsyge				river		27.1		2.4	0.5105	2.2	26.15	0.50	***	Padoan et al.	D 1
Mariam	Africa	Ethiopia	Nile River	sediment	bulk	NA	P	24	0.5125	-3.2	36.15	9.52	NA	(2010)	Padoan
Anger,															
Tsyge				river										Padoan et al.	
Mariam	Africa	Ethiopia	Nile River	sediment	bulk	<63 µ m	P	32	0.5128	2.4	36.15	9.52	NA	(2010)	Padoan
Atbara,															
Abu			Nile River /	river										Padoan et al.	
Ammar	Africa	Sudan	PSA6	sediment	bulk	$<$ 40 $\mu$ m	P	33	0.5128	2.3	34.21	17.53	NA	(2010)	Padoan
Atbara,				river										Padoan et al.	
Showak	Africa	Ethiopia	Nile River	sediment	bulk	NA	P	22	0.5128	2.7	35.85	14.35	NA	(2010)	Padoan
Atbara,				river										Padoan et al.	
Showak	Africa	Ethiopia	Nile River	sediment	bulk	$<40 \mu\mathrm{m}$	P	29	0.5128	3.2	35.85	14.35	NA	(2010)	Padoan
B. el Jebel,				river										Padoan et al.	
Juba	Africa	Sudan	Nile River	sediment	bulk	<63 μm	P	30	0.5114	-25.2	31.63	4.85	NA	(2010)	Padoan
D 7 6															
B. ez Zeraf,														D.1 1	
Fangak(12k		a .		river				22	0.5115	40.0	20.02	0.26	***	Padoan et al.	D 1
m)	Africa	Sudan	Nile River	sediment	bulk	Bulk mud	P	22	0.5117	-19.2	30.83	9.26	NA	(2010)	Padoan
B. ez Zeraf,															
Fangak(62k				river										Padoan et al.	
m)	Africa	Sudan	Nile River	sediment	bulk	$<$ 40 $\mu$ m	P	24	0.5116	-19.4	30.66	8.54	NA	(2010)	Padoan
Beles, Enat		~		river										Padoan et al.	
Beles	Africa	Sudan	Nile River	sediment	bulk	<40 μm	P	15	0.5128	2.3	35.47	11.13	NA	(2010)	Padoan
Beles, Enat	Tirica	Sudan	Tylic Tavel	river	ouik	ν το μ π		15	0.5120	2.5	33.47	11.13	1171	Padoan et al.	Tadoan
Beles	Africa	Sudan	Nile River	sediment	bulk	NA	P	24	0.5127	1.2	35.47	11.13	NA	(2010)	Padoan
	Anca	Sudan	Nile River		Duik	NA	Г	24	0.3127	1.2	33.41	11.13	INA		radoan
Blue Nile,	A.C.:	0.1	Mil Di	river	1 11	40	D	26	0.5127	1	24.00	11.04	NTA	Padoan et al.	D 1
Bambudi	Africa	Sudan	Nile River	sediment	bulk	<40 μ m	P	36	0.5127	1	34.98	11.24	NA	(2010)	Padoan
Blue Nile,		_		river			_						_	Padoan et al.	
Bambudi	Africa	Sudan	Nile River	sediment	bulk	NA	P	23	0.5126	-1	35.13	11.19	NA	(2010)	Padoan
Blue Nile,				river										Padoan et al.	
Bambudi	Africa	Sudan	Nile River	sediment	bulk	NA	P	24	0.5127	0.7	35.13	11.19	NA	(2010)	Padoan
Blue Nile,															
Hag				river										Padoan et al.	
Habdullah	Africa	Sudan	Nile River	sediment	bulk	bulk	P	29	0.513	6.2	33.59	13.96	NA	(2010)	Padoan

Blue Nile,			Nile River /	river										Padoan et al.	
Khartoum	Africa	Sudan	PSA6	sediment	bulk	NA	P	33	0.5127	0.7	32.7	15.47	NA	(2010)	Padoan
Blue Nile,			Nile River /	river										Padoan et al.	
Khartoum	Africa	Sudan	PSA6	sediment	bulk	$<$ 40 $\mu$ m	P	35	0.5127	0.7	32.7	15.47	NA	(2010)	Padoan
Blue Nile,															-
Wad			Nile River /	river										Padoan et al.	
Madani	Africa	Sudan	PSA6	sediment	bulk	$<$ 40 $\mu$ m	P	NA	0.5126	-0.3	33.5	14.44	NA	(2010)	Padoan
Dabus,				river										Padoan et al.	
Bambesi	Africa	Sudan	Nile River	sediment	bulk	<63 μ m	P	21	0.5129	4.3	35.05	10.35	NA	(2010)	Padoan
Dabus,				river										Padoan et al.	
Bambesi	Africa	Sudan	Nile River	sediment	bulk	NA	P	27	0.5125	-3.6	35.05	10.35	NA	(2010)	Padoan
Dabus,				river										Padoan et al.	
Bambesi	Africa	Sudan	Nile River	sediment	bulk	<40 μ m	P	34	0.5124	-5.1	35.05	10.35	NA	(2010)	Padoan
Didesa,				river										Padoan et al.	
Ephrem	Africa	Ethiopia	Nile River	sediment	bulk	NA	P	14	0.5125	-2.2	36.07	9.32	NA	(2010)	Padoan
Didesa,				river										Padoan et al.	
Ephrem	Africa	Ethiopia	Nile River	sediment	bulk	<63 μ m	P	29	0.5129	4.3	36.07	9.32	NA	(2010)	Padoan
				river										Padoan et al.	
NA	Africa	Ethiopia	Nile River	sediment	bulk	<63 μ m	P	48	0.5129	6	36.44	8.05	NA	(2010)	Padoan
Gash,			Nile River /	river										Padoan et al.	
Kassala	Africa	Sudan	PSA6	sediment	bulk	NA	P	16	0.5125	-2.4	36.36	15.5	NA	(2010)	Padoan
Gash,			Nile River /	river										Padoan et al.	
Kassala	Africa	Sudan	PSA6	sediment	bulk	$<$ 40 $\mu$ m	P	25	0.5124	-4.2	36.36	15.5	NA	(2010)	Padoan
Gilgel															
Abay,				river				2.5	0.5120		26.04	44.05	***	Padoan et al.	ъ.
Dangla	Africa	Ethiopia	Nile River	sediment	bulk	<63 μm	P	25	0.5129	5.6	36.81	11.27	NA	(2010)	Padoan
Guder,				river				4.6	0.510		25.5	0.46	***	Padoan et al.	ъ.
Guder	Africa	Ethiopia	Nile River	sediment	bulk	<63 μm	P	46	0.513	6.6	37.7	9.16	NA	(2010)	Padoan
Main Nile,			NII Di											D.1 1	
3rd	A C	C 1	Nile River /	river	111.	NIA	D	25	0.5126	0.0	20.41	10.04	NT A	Padoan et al.	D. 4
Cataract	Africa	Sudan	PSA6	sediment	bulk	NA	P	25	0.5126	-0.8	30.41	19.94	NA	(2010)	Padoan
Main Nile,			Niila Diana /											D- d 4 - 1	
3rd Cataract	Africa	Sudan	Nile River / PSA6	river sediment	bulk	<40 μ m	P	30	0.5127	1.7	30.41	19.94	NA	Padoan et al. (2010)	Padoan
Main Nile,	Anca	Sudan	Nile River /		UUIK	<40 μ III	Г	30	0.3127	1.7	30.41	19.94	NA	Padoan et al.	radoan
Gureir	Africa	Sudan	PSA6	river sediment	bulk	<40 μ m	P	31	0.5125	-2.9	31.69	18.31	NA	(2010)	Padoan
Main Nile,	AIIICa	Suuan	Nile River /	river	OUIK	<b>~+</b> 0 μ III	I.	31	0.3123	-4.7	31.07	10.01	INA	Padoan et al.	1 au0ali
Main Nile, Karima	Africa	Sudan	PSA6	sediment	bulk	<40 μ m	P	34	0.5127	1.2	31.85	18.53	NA	(2010)	Padoan
	Affica	Sudan			ouik	<40 μ III	ľ	34	0.3127	1.4	31.63	10.33	INA		rauvali
Nile, Cataract	Africa	Sudan	Nile River / PSA6	river sediment	bulk	$<$ 40 $\mu$ m	P	34	0.5127	1.2	32.69	16.33	NA	Padoan et al. (2010)	Padoan
	AIIICa	Suuan	IJAU		OUIK	<b>~+</b> 0 μ III	I.	34	0.3147	1.4	34.09	10.33	INA	Padoan et al.	1 au0ali
Ora, Wadelai	Africa	Hands	Nilo Divor	river	bulls	-62 um	D	26	0.511	22.2	21.45	2.60	NI A	(2010)	Dadoon
w adeiai	Africa	Uganda	Nile River	sediment	bulk	<63 μ m	P	26	0.511	-32.3	31.45	2.69	NA	(2010)	Padoan

Rahad,				river										Padoan et al.	
Hufeira	Africa	Sudan	Nile River	sediment	bulk	NA	P	9	0.5125	-3.3	33.91	14.12	NA	(2010)	Padoan
Sobat, Old				river										Padoan et al.	
Nasser	Africa	Sudan	Nile River	sediment	bulk	$<63 \mu\mathrm{m}$	P	6	0.5126	-1.6	33.07	8.61	NA	(2010)	Padoan
Sobat,				river										Padoan et al.	
Abwong	Africa	Sudan	Nile River	sediment	bulk	$<63 \mu\mathrm{m}$	P	21	0.5122	-9.6	32.1	9.25	NA	(2010)	Padoan
Sobat, Hillet				river										Padoan et al.	
doleib	Africa	Sudan	Nile River	sediment	bulk	<63 μ m	P	28	0.5122	-9.1	31.65	9.32	NA	(2010)	Padoan
Tekeze,				river										Padoan et al.	_
Togo Ber	Africa	Ethiopia	Nile River	sediment	bulk	$<$ 40 $\mu$ m	P	32	0.5127	0.7	38.19	13.74	NA	(2010)	Padoan
Victoria															
Nile, Itanda				river										Padoan et al.	
Falls	Africa	Uganda	Nile River	sediment	bulk	$<$ 63 $\mu$ m	P	139	0.5108	-36.2	33.06	0.6	NA	(2010)	Padoan
Victoria															
Nile,															
Murchison				river										Padoan et al.	
Falls	Africa	Uganda	Nile River	sediment	bulk	$<63 \mu \mathrm{m}$	P	41	0.5111	-29.6	31.69	2.28	NA	(2010)	Padoan
W. Guba,				river										Padoan et al.	
Creek IV	Africa	Sudan	Nile River	sediment	bulk	NA	P	10	0.5124	-4.6	35.28	11.27	NA	(2010)	Padoan
W. Guba,				river										Padoan et al.	
Creek IV	Africa	Sudan	Nile River	sediment	bulk	$<$ 40 $\mu$ m	P	19	0.5127	1.1	35.28	11.27	NA	(2010)	Padoan
W. Milk, Ed			Nile River /	river										Padoan et al.	
Debba	Africa	Sudan	PSA6	sediment	bulk	NA	P	4	0.5123	-7.3	30.89	17.91	NA	(2010)	Padoan
W. Milk, Ed			Nile River /	river										Padoan et al.	
Debba	Africa	Sudan	PSA6	sediment	bulk	$<$ 40 $\mu$ m	P	30	0.5123	-7.5	30.89	17.91	NA	(2010)	Padoan
White Nile,				river										Padoan et al.	
Kosti	Africa	Sudan	Nile River	sediment	bulk	<63 $\mu$ m	P	20	0.5121	-10.4	32.73	11.93	NA	(2010)	Padoan
White Nile,				river										Padoan et al.	
Rabak	Africa	Sudan	Nile River	sediment	bulk	NA	P	6	0.5122	-8.8	32.72	13.17	NA	(2010)	Padoan
White Nile,				river										Padoan et al.	
Rabak	Africa	Sudan	Nile River	sediment	bulk	$<$ 40 $\mu$ m	P	19	0.5122	-8.6	32.72	13.17	NA	(2010)	Padoan
-				marine	decarb.									Palchan et al.	
KL23	Africa	Red Sea	NA	sediment	sediment	$< 63  \mu  {\rm m}$	LGM	23.25	0.5124	-5.68	35.05	24.75	NA	(2013)	SedDB
				soil										Palchan et al.	Literature
B.S 2	Africa	Israel	NA	sediment	bulk	NA	P	23.55	0.5125	-2.9	35.39	32.69	NA	(2018)	search
				soil										Palchan et al.	Literature
B.S 3	Africa	Israel	NA	sediment	bulk	NA	P	36.66	0.5123	-6.11	35.5	32.87	NA	(2018)	search
-				soil										Palchan et al.	Literature
B.S 4	Africa	Israel	NA	sediment	bulk	NA	P	30.23	0.5128	2.73	35.49	32.88	NA	(2018)	search
-			•	soil		•								Palchan et al.	Literature
B.S 5	Africa	Israel	NA	sediment	bulk	NA	P	35.77	0.5124	-4.89	35.5	32.87	NA	(2018)	search
2.55		101441	* 1. *	_ D GIIII III	Com	- 11 -	-	007	0.0121	,		02.07		(2010)	5041011

Name					soil										Palchan et al.	Literature
TR	NΙΛ	Africa	Icroal	NΑ		bulk	NΑ	D	NΑ	0.5123	7 12	34.4	30.03	NΙΛ		
The column   The	1171	Milica	Israei	11/1		ouik	1471	1	11/1	0.5125	-7.12	57.7	30.73	11/1	` '	
Second Part	TR 1	Africa	Israel	NA		bulk	NA	р	18 43	0.5123	-6	35 21	31.78	NA		
Marcia   Marica   M		7 Hirieu	Israei	1171		Ounc	1171	-	10.15	0.5125	-	33.21	31.70	1111		
Solition	TR 3	Africa	Israel	NA		bulk	NA	P	42.82	0.5124	-5.42	35.4	32.9	NA		
Marcia   M															, ,	
Solitaria   Saral   Na   Sediment   bulk   Na   P   47.07   0.5123   7.59   35.51   32.89   Na   (2018)   Search	TR 4	Africa	Israel	NA		bulk	NA	P	35.14	0.5124	-5.5	35.45	32.85	NA		
TR5																
Marcia   M	TR 5	Africa	Israel	NA	sediment	bulk	NA	P	47.07	0.5123	-7.59	35.51	32.89	NA	(2018)	
TR 7					soil										Palchan et al.	Literature
Marica   Marica   Marica   Marica   Marica   Marica   Marica   Socialidado   Marica   Maric	TR 6	Africa	Israel	NA	sediment	bulk	NA	P	48.22	0.5124	-5.07	35.46	32.85	NA	(2018)	search
TR 8					soil										Palchan et al.	Literature
TR8	TR 7	Africa	Israel	NA	sediment	bulk	NA	P	46.56	0.5124	-5.58	35.46	32.85	NA	(2018)	search
TR 9					soil										Palchan et al.	Literature
Nation   N	TR 8	Africa	Israel	NA	sediment	bulk	NA	P	41.47	0.5123	-6.14	35.45	32.85	NA	(2018)	search
VL 1					soil										Palchan et al.	Literature
V.L 1	TR 9	Africa	Israel	NA	sediment	bulk	NA	P	36.52	0.5123	-5.98	35.49	32.88	NA	(2018)	search
V.L. 2					soil											Literature
VL 2	V.L 1	Africa	Israel	NA	sediment	bulk	NA	P	21.33	0.5122	-7.92	35.37	31.71	NA		search
VL 3																
V.L.3	V.L 2	Africa	Israel	NA	sediment	bulk	NA	P	9.43	0.5122	-9.14	35.37	31.71	NA		search
V.L.4 Africa Israel NA sediment bulk NA P 5.47 0.5122 -7.78 35.37 31.71 NA (2018) search  V.L.5 Africa Israel NA sediment bulk NA P 9.26 0.5123 -6.44 35.37 31.71 NA (2018) search  V.L.5 Africa Israel NA sediment bulk NA P 9.26 0.5123 -6.44 35.37 31.71 NA (2018) search  V.L.6 Africa Israel NA sediment bulk NA P 36.75 0.5123 -6.15 35.37 31.71 NA (2018) search  V.L.6 Africa Israel NA sediment bulk NA P 36.75 0.5123 -6.15 35.37 31.71 NA (2018) search  V.L.6 Africa Israel NA rocks bulk NA P 13 NA 5.9 -95 13 NA (2002) Jeandel  V.L.6 Africa Israel NA rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  V.L.6 Africa Israel NA rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  V.L.6 Africa Israel NA rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  V.L.6 Africa Israel NA rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel																Literature
V.L.4	V.L 3	Africa	Israel	NA		bulk	NA	P	2.73	0.5124	-5.25	35.37	31.71	NA	` '	
V.L.5 Africa Israel NA sediment bulk NA P 9.26 0.5123 -6.44 35.37 31.71 NA (2018) search  V.L.6 Africa Israel NA sediment bulk NA P 36.75 0.5123 -6.15 35.37 31.71 NA (2018) search  V.L.6 Africa Israel NA sediment bulk NA P 36.75 0.5123 -6.15 35.37 31.71 NA (2018) search  V.L.6 Africa Israel NA rocks bulk NA P 36.75 0.5123 -6.15 35.37 31.71 NA (2018) search  V.L.6 Africa Israel NA rocks bulk NA P 13 NA 5.9 -95 13 NA (2002) Jeandel  New Hebrides Pacific Arc Ocean SW Pacific Australia rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  New Hebrides Pacific Australia rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  New Hebrides Pacific Australia rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  New Hebrides Pacific Australia rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  New Hebrides Pacific Australia rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel								_								
V.L 5 Africa Israel NA sediment bulk NA P 9.26 0.5123 -6.44 35.37 31.71 NA (2018) search  V.L 6 Africa Israel NA sediment bulk NA P 36.75 0.5123 -6.15 35.37 31.71 NA (2018) search  V.L 6 Africa Israel NA sediment bulk NA P 36.75 0.5123 -6.15 35.37 31.71 NA (2018) search  C.American Pacific arc Ocean E Pacific NA rocks bulk NA P 13 NA 5.9 -95 13 NA (2002) Jeandel  New Hebrides Pacific Australia rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  Arc Ocean SW Pacific Australia rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  Southern E Subglacial marine	V.L 4	Africa	Israel	NA		bulk	NA	Р	5.47	0.5122	-7.78	35.37	31.71	NA	` ,	
V.L 6 Africa Israel NA sediment bulk NA P 36.75 0.5123 -6.15 35.37 31.71 NA (2018) search  C.American Pacific	VI 5	A.C.:	T 1	NTA		1 11	NT A	D	0.26	0.5100	6.44	25.27	21.71	NT A		
V.L 6 Africa Israel NA sediment bulk NA P 36.75 0.5123 -6.15 35.37 31.71 NA (2018) search  CAmerican Pacific	V.L 3	Africa	Israei	NA		buik	NA	Р	9.26	0.5123	-6.44	33.37	31./1	NA		
American Pacific arc Ocean E Pacific NA rocks bulk NA P 13 NA 5.9 -95 13 NA (2002) Jeandel New Hebrides Pacific Arc Ocean SW Pacific Australia rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  Aurora and Wilkes Southern E Subglacial marine	WI 6	A fuis a	Iono ol	NT A		bulls	NI A	D	26.75	0.5122	6 15	25 27	21.71	NI A		
arc Ocean E Pacific NA rocks bulk NA P 13 NA 5.9 -95 13 NA (2002) Jeandel New Hebrides Pacific Arc Ocean SW Pacific Australia rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  Aurora and Wilkes Southern E Subglacial marine	V.L.0	Africa	Israei	NA	sediment	Duik	INA	r	30.73	0.3123	-0.13	33.37	31./1	NA	(2016)	search
arc Ocean E Pacific NA rocks bulk NA P 13 NA 5.9 -95 13 NA (2002) Jeandel New Hebrides Pacific Arc Ocean SW Pacific Australia rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  Aurora and Wilkes Southern E Subglacial marine	C American	Pacific													Patino et al	
New Hebrides Pacific Arc Ocean SW Pacific Australia rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  Hebrides Pacific Feate et al.  Arc Ocean SW Pacific Australia rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  Wilkes  Southern E Subglacial marine			E Pacific	NA	rocks	bulk	NA	P	13	NA	5.9	-95	13	NA		Jeandel
Hebrides Pacific Arc Ocean SW Pacific Australia rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  Refrides Pacific Australia rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  Wilkes  Southern E Subglacial marine  Pierce et al. Cook-			2140110		100110			-		- 11.					(2002)	
Arc Ocean SW Pacific Australia rocks bulk NA P 14.4 NA 7.4 168 -15 NA (1997) Jeandel  Hard Aurora and Wilkes  Southern E Subglacial marine  Fierce et al. Cook-		Pacific													Peate et al.	
Aurora and Wilkes Southern E Subglacial marine Pierce et al. Cook-			SW Pacific	Australia	rocks	bulk	NA	P	14.4	NA	7.4	168	-15	NA		Jeandel
Wilkes Southern E Subglacial marine Pierce et al. Cook-	-														. ,	
Southern E Subglacial marine Pierce et al. Cook-																
DF79-47 Ocean Antarctica Basin sediment bulk $<63\mu\mathrm{m}$ H NA NA -12 148.73 -66.67 NA (2011) Williams		Southern	E	Subglacial	marine										Pierce et al.	Cook-
	DF79-47	Ocean	Antarctica	Basin	sediment	bulk	$<63 \mu\mathrm{m}$	Н	NA	NA	-12	148.73	-66.67	NA	(2011)	Williams

	Southern	E	Aurora and Wilkes Subglacial	marine										Pierce et al.	Cook-
DF80-20	Ocean	Antarctica	Basin	sediment	bulk	<63 μm	Н	NA	NA	-10.1	163.68	-69.78	NA	(2011)	Williams
			Aurora and Wilkes												
	Southern	Е	Subglacial	marine										Pierce et al.	Cook-
DF80-34	Ocean	Antarctica	Basin	sediment	bulk	<63 µ m	Н	NA	NA	-3.5	162.83	-69.92	NA	(2011)	Williams
			Aurora and												
			Wilkes												
	Southern	Ε .	Subglacial	marine										Pierce et al.	Cook-
ELT37-09	Ocean	Antarctica	Basin	sediment	bulk	<63 μm	Н	NA	NA	-21.2	141.1	-65.55	NA	(2011)	Williams
			Aurora and Wilkes												
	Southern	Е	Subglacial	marine										Pierce et al.	Cook-
ELT37-13	Ocean	Antarctica	Basin	sediment	bulk	<63 μm	Н	NA	NA	-14.7	132.98	-64.67	NA	(2011)	Williams
			Aurora and			,									
			Wilkes												
	Southern	E	Subglacial	marine										Pierce et al.	Cook-
ELT49-30	Ocean	Antarctica	Basin	sediment	bulk	<63 μ m	Н	NA	NA	-13.8	127.45	-63.97	NA	(2011)	Williams
NBP0101 JPC11		E												Di	C1-
	Antarctica		Adelie Land	marine sediment	bulk	<63 μm	Н	NA	NA	-23.6	143.05	-66.56	NA	Pierce et al. (2011)	Cook- Williams
2303,-2310	Milarettea	Amarcuca	Adelic Land	sediffent	Duik	<03 μ m		11/1	1171	-23.0	143.03	-00.50	1471	Plank &	w mams
	Atlantic			marine										Langmuir	
495	Ocean	W Atlantic	Guatemala	sediment	bulk	NA	P	19	NA	2	-91	13	NA	(1998)	Jeandel
														Reid et al.	
NW USA	America	California	NA	rocks	bulk	NA	P	21.95	NA	-0.5	-119	37.62	NA	(1996)	Jeandel
East		Е	East				_							Revel et al.	Literature
Greenland	Greenland	Greenland	Greenland	rocks	bulk	NA	P	NA	0.5106	-40	-35.81	66.72	NA	(1996)	search
Iceland river	Atlantic Ocean	N Atlantic	Iceland	river sediment	bulk	NA	P	54	NA	7.6	-18.5	63.4	NA	Revel et al. (1996)	Jeandel
Myrdalssan	Atlantic	1 / Muanuc	Iceland	marine	Ouik	11/1	1	J-T	1171	7.0	-10.5	03.4	11/1	Revel et al.	Literature
dur	Ocean	N Atlantic	(South)	sediment	NA	NA	P	54	NA	7.6	-21.2	63.5		(1996)	search
N British	Atlantic		( /						· · · · · · · · · · · · · · · · · · ·					Revel et al.	
Isles	Ocean	NE Atlantic	British Isles	rocks	bulk	NA	P	40	NA	-10.6	-2	58	NA	(1996)	Jeandel
	Atlantic	NW		marine	decarb.									Revel et al.	Literature
ODP 645	Ocean	Atlantic	Baffin Bay	sediment	sediment	NA	LGM	21	0.5113	-27	-64.65	70.46	NA	(1996)	search
	Atlantic	NW		marine	decarb.									Revel et al.	Literature
ODP 645	Ocean	Atlantic	Baffin Bay	sediment	sediment	NA	P	21	0.511	-32	-64.65	70.46	NA	(1996)	search
			-											ъ .	¥ •
Rom1	Atlantic Ocean	N Atlantic	Faeroe Islands	marine sediment	NA	NA	P	7	NA	-6.5	-7.5	62		Revel et al. (1996)	Literature search

Ta alam d	Atlantic	N Atlantic	Toolson d		bulk	NA	P	17	NA	8	-22	65	NA	Revel et al. (1996); Hemond et al. (1993)	I del
Iceland	Ocean	N Auanuc	Iceland	rocks	DUIK	NA	r	17	NA	0	-22	65	NA	Revel et al.	Jeandel
	Mediterran	Levantine		marine	decarb.									(2010, 2014,	Literature
MS27PT	ean Sea	Basin	Nile delta	sediment	sediment	NA	P	NA	0.5121	-9.7	29.47	31.81	NA	2015)	search
Assouan_isl		Dasin	Nile River /	river	scument	1471	1	11/1	0.5121	-7.1	27.71	31.01	1171	Revel et al.	Literature
and	Africa	Egypt	PSA6	sediment	bulk	NA	P	36.5	0.5128	3.4	32.88	24.2	NA	(2010)	search
and	Timea	Едурі	10/10	soil	ouik	1171	•	30.5	0.5120	5.4	32.00	27.2	1171	Revel et al.	Literature
N05	Africa	Libya	NA	sediment	bulk	<30 µ m	P	35.5	0.5119	-15.4	10.1	26.33	NA	(2010)	search
1103	7 Hille a	Lioya	11/1	soil	Ouik	×30 μ III		33.3	0.5117	13.4	10.1	20.55	1171	Revel et al.	Literature
N19	Africa	Libya	NA	sediment	bulk	<30 μm	P	35.1	0.512	-12.6	11.72	24.97	NA	(2010)	search
1112		210,14		soil	Cum	100 /1111	•	22.1	0.012	12.0		2	- 1111	Revel et al.	Literature
N26	Africa	Libya	PSA4	sediment	bulk	<30 μm	P	50.3	0.5125	-3.8	16.57	25.58	NA	(2010)	search
				soil		F								Revel et al.	Literature
N35	Africa	Libya	NA	sediment	bulk	<30 μm	P	56.5	0.512	-13	13.4	28.5	NA	(2010)	search
				soil		F								Revel et al.	Literature
N36	Africa	Libya	NA	sediment	bulk	<30 µ m	P	49.2	0.5119	-15.3	14.55	30.93	NA	(2010)	search
Brown's		New South				,								Revel-	_
Creek (BC-		Wales and		soil										Rolland et al.	Literature
2 0.70 cm)	Australia	ACT	NA	sediment	bulk	NA	LGM	8	0.5122	-8	149	-32	NA	(2006)	search
														Revel-	
Coober				soil										Rolland et al.	Literature
Pedy	Australia	S Australia	NA	sediment	bulk	NA	P	9	0.5122	-8	134	-29	NA	(2006)	search
														Revel-	
Core E26.1		E Tasman		marine	decarb.									Rolland et al.	Literature
(E8-35 cm)	Australia	Sea	NA	sediment	sediment	NA	LGM	42	0.5124	-4.6	168.33	-40.28	NA	(2006)	search
														Revel-	
Lake Eye				soil										Rolland et al.	Literature
Basin	Australia	S Australia	NA	sediment	bulk	NA	P	5	0.5125	-2.9	137.5	-28	NA	(2006)	search
Lake Eyre											,			Revel-	
(Shelly				soil										Rolland et al.	Literature
Island unit)	Australia	S Australia	NA	sediment	bulk	NA	LGM	64	0.5125	-3	137	-29	NA	(2006)	search
										·				Revel-	
Lake Eyre				soil										Rolland et al.	
Basin	Australia	S Australia	NA	sediment	bulk	NA	P	7	0.5125	-3.3	137.5	-27	NA	(2006)	search
														Revel-	_
		Northern		soil			_							Rolland et al.	Literature
Marryat	Australia	Territory	NA	sediment	bulk	NA	P	9	0.5121	-11.5	131	-26	NA	(2006)	search

Simpson Desert (R7)	Australia	Northern Territory	NA	soil sediment	bulk	NA	P	6	0.5119	-15.4	134	-24	NA	Revel- Rolland et al. (2006)	Literature search
Simpson Desert (R8)	Australia	Northern Territory	NA	soil sediment	bulk	NA	P	10	0.5121	-10.8	133	-25	NA	Revel- Rolland et al. (2006)	Literature search
Uluru (Ayers		Northern		soil										Revel- Rolland et al.	Litarotura
Rocks)	Australia	Territory	NA	sediment	bulk	NA	P	11	0.5121	-11	131	-25	NA	(2006)	search
		New South												Revel-	
Wagga Wagga (1)	Australia	Wales and ACT	NA	soil sediment	bulk	NA	P	8	0.5122	-9.4	147	-35	NA	Rolland et al. (2006)	Literature search
		New South												Revel-	
Wagga Wagga (2)	Australia	Wales and ACT	NA	soil sediment	bulk	NA	P	12	0.5122	-9	148	-34	NA	Rolland et al. (2006)	Literature search
11 agga (2)	7 tusu ana	New South	1471	seament	ounc	1471	•	1,2	0.5122		140	34	1421	Revel-	scaren
Wagga		Wales and		soil										Rolland et al.	Literature
Wagga (3)	Australia	ACT	NA	sediment	bulk	NA	P	8	0.5122	-8.8	149	-33	NA	(2006)	search
		New South												Revel-	
Wagga		Wales and		soil										Rolland et al.	Literature
Wagga (4)	Australia	ACT	NA	sediment	bulk	NA	P	7	0.5122	-8.7	150	-32	NA	(2006)	search
														Revel-	
				soil										Rolland et al.	
Woomera	Australia	S Australia	NA	sediment	bulk	NA	P	12	0.5123	-6.6	136	-31	NA	(2006)	search
	_	_	Durance	river			_							Revillon et al.	
Durance 1	Europe	France	river	sediment	bulk	NA	P	30.7	0.512	-12.6	6.07	44.47	NA	(2011)	search
	_	_	Durance	river			_							Revillon et al.	
Durance 2	Europe	France	river	sediment	bulk	NA	P	25	0.5121	-11.5	5.91	44.34	NA	(2011)	search
	3.6 12.	Liguro-	C 16 6		1 1									D 31 . 1	<b>T</b>
KSGC31-90	Mediterran	Balearic	Gulf of	marine sediment	detrital residue	NA	P	NA	NA	-11.07	3.3	43.01	NA	Revillon et al. (2011)	
KSGC31-90	ean sea	Basin Liguro-	Lyons	sediment	residue	NA	r	NA	NA	-11.07	3.3	45.01	INA	(2011)	search
	Mediterran	Balearic	Gulf of	marine	detrital									Revillon et al.	Litarotura
KSGC32-20		Basin	Lyons	sediment	residue	NA	P	NA	NA	-11.78	3.1	42.96	NA	(2011)	search
Rodesz zo	- Can Sca	Dasin	Lyons	river	Tesidde	1171	•	1171	1171	11.70	3.1	72.70	1471	Revillon et al.	
NA	Europe	France	Tet river	sediment	bulk	NA	P	36.9	0.5121	-10.6	3.03	42.77	NA	(2011)	search
			Deep												
		E	Freeze										31-1-88	Rocchi et al.,	Cook-
AB5	Antarctica		Range	rocks	bulk	NA	P	NA	0.512	-13.42	161.69333	-73.77028	C3	1998	Williams
		Е .	Prince						: -				13-2-86	Rocchi et al.,	Cook-
LZ27	Antarctica	Antarctica	Albert Mts	rocks	bulk	NA	P	NA	0.512	-12.45	162.58333	-74.83333	B29	1998	Williams

		Е	Prince										13-2-86	Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Albert Mts	rocks	bulk	NA	P	NA	0.512	-13.23	162.58333	-74.83333	B29	1998	Williams
		Е	Prince										13-2-86	Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Albert Mts	rocks	bulk	NA	P	NA	0.512	-12.84	162.61722	-75.0225	B29	1998	Williams
			Northern										Peralumin		
			Victoria										ous		
		E	Land, Ross											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Sea side	rocks	bulk	NA	P	NA	0.5119	-14.01	162.66111	-73.72222	ites	1998	Williams
		Е	Prince										13-2-86	Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Albert Mts	rocks	bulk	NA	P	NA	0.512	-12.25	162.72139	-74.18028	B29	1998	Williams
			Deep												
		E	Freeze										31-1-88	Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Range	rocks	bulk	NA	P	NA	0.512	-12.84	163.00056	-73.71444	C3	1998	Williams
• •			Deep												
		Е	Freeze										31-1-88	Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Range	rocks	bulk	NA	P	NA	0.5119	-14.01	163.18278	-73.86361	C3	1998	Williams
			Deep												.,
		E	Freeze										31-1-88	Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Range	rocks	bulk	NA	P	NA	0.512	-11.86	163.42139	-74.26361	C3	1998	Williams
			Deep												
		Е	Freeze										31-1-88	Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Range	rocks	bulk	NA	P	NA	0.5121	-10.88	163.50833	-74.47306	C3	1998	Williams
			Deep												
		Е	Freeze										31-1-88	Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Range	rocks	bulk	NA	P	NA	0.5123	-6.59	163.79167	-74.52861	C3	1998	Williams
	7 1111111 7 110 11	111111111111111111111111111111111111111	Southern	100115	Ount				0.0120	0.03	100,1710,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1330	** 111141115
		Е	Cross											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Mountains	rocks	bulk	NA	P	NA	0.512	-13.42	163.79944	-73.72972	NA	1998	Williams
			Northern	100115	ount	- 1,1.1	•	1,1.1	0.012	101.2	100,777.		Peralumin		***************************************
			Victoria										ous		
		Е	Land, Ross											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Sea side	rocks	bulk	NA	P	NA	0.5121	-10.3	163.82861	-73 59778	ites	1998	Williams
LZJO	7 maretica	Timarenea	Southern	TOCKS	ouik	1171	1	1171	0.5121	10.5	103.02001	13.37110	ites	1770	** IIIaiis
		Е	Cross											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Mountains	rocks	bulk	NA	P	NA	0.512	-13.42	163.92028	-73 76111	NA	1998	Williams
LLJU	marcuca	1 mai cuca	Southern	TOCKS	Ouix	14/1	1	11/1	0.512	13.72	103.72020	13.10111	11/1	1770	** IIIIaIIIS
		Е	Cross											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Mountains	rocks	bulk	NA	P	NA	0.5121	-10.49	163.92028	-73 76111	NA	1998	Williams
LLJU	1 maicued	, marcuca	Southern	10000	ouix	11/1	1	11/1	0.2121	10.77	103.72020	75.70111	14/1	1,,,0	** manis
		Е	Cross											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica		rocks	bulk	NA	P	NA	0.5118	-15 76	163.9525	-73 50056	NA	1998	Williams
LLJO	Amarcuca	Amarcuca	iviountailis	TOURS	Duik	INA	Г	INA	0.5116	-13.70	103.3323	- 73.30030	INA	1770	vv imains

		Е	Terra Nove										1-2-89	Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Intrusives	rocks	bulk	NA	P	NA	0.512	-11.86	164.05556	-74 67722	CO19	1998	Williams
	7 intaretiea	E	Terra Nove	TOCKS	Ouik	1171		1171	0.512	11.00	104.03330	74.07722	1-2-89	Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Intrusives	rocks	bulk	NA	P	NA	0.5121	-10.3	164.11028	-74.74556	CO19	1998	Williams
			Southern	100110		- 1112	•	1,11	0,0121	1010	101111020	7 117 1220		1330	***************************************
		Е	Cross											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Mountains	rocks	bulk	NA	P	NA	0.5118	-16.35	164.2	-73.44944	NA	1998	Williams
			Southern												
		E	Cross											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Mountains	rocks	bulk	NA	P	NA	0.5121	-10.88	164.34917	-73.4875	NA	1998	Williams
			Southern												
		E	Cross											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Mountains	rocks	bulk	NA	P	NA	0.5125	-3.28	164.38889	-73.20722	NA	1998	Williams
			Deep												
		E	Freeze										31-1-88	Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Range	rocks	bulk	NA	P	NA	0.5123	-6.98	164.51889	-74.02778	C3	1998	Williams
			Northern										Peralumin		
			Victoria										ous		
		E	Land, Ross											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Sea side	rocks	bulk	NA	P	NA	0.512	-13.23	164.5375	-73.94167	ites	1998	Williams
		-	Southern												a 1
LZ58	A	E	Cross		1 11	NIA	P	NT A	0.510	12.06	164.89694	72.50261	NT A	Rocchi et al., 1998	Cook-
LZ38	Antarctica	Antarctica	Mountains	rocks	bulk	NA	Р	NA	0.512	-12.06	104.89094	-/3.39301	NA		Williams
			Northern										Peralumin		
		Е	Victoria										ous	Danahi at al	Cools
LZ58	Antarctica	Antarctica	Land, Ross Sea side	rocks	bulk	NA	P	NA	0.5119	-14.98	164.9125	73 85278	ites	Rocchi et al., 1998	Cook- Williams
LZ30	Amarcuca	Timarcuca		TOCKS	buik	11/1	1	11/1	0.5117	-14.70	104.7123	-73.03270			vv illianis
			Northern Victoria										Peralumin ous		
		Е	Land, Ross											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Sea side	rocks	bulk	NA	P	NA	0.5119	-14.59	165.06694	-74.04389	ites	1998	Williams
		Е	Mountaineer			•								Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	range	rocks	bulk	NA	P	NA	0.5119	-14.79	165.35889	-73.89194	NA	1998	Williams
		Е	Mountaineer											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	range	rocks	bulk	NA	P	NA	0.512	-13.42	165.37528	-73.57972	NA	1998	Williams
		Е	Mountaineer											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	range	rocks	bulk	NA	P	NA	0.5121	-11.08	165.41917	-73.68917	NA	1998	Williams
		Е	Mountaineer											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	range	rocks	bulk	NA	P	NA	0.5119	-14.59	165.53361	-73.71083	NA	1998	Williams
		Е	Mountaineer											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	range	rocks	bulk	NA	P	NA	0.5119	-13.62	165.76333	-73.8775	NA	1998	Williams

			Northern										Peralumin		
			Victoria										ous		
		E	Land, Ross										_	Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Sea side	rocks	bulk	NA	P	NA	0.512	-11.67	165.77222	-74.4125	ites	1998	Williams
		E	Mountaineer											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	range	rocks	bulk	NA	P	NA	0.5121	-11.47	165.78639	-73.70778	NA	1998	Williams
			Northern										Peralumin		
			Victoria										ous		
		E	Land, Ross										leucogran	Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	Sea side	rocks	bulk	NA	P	NA	0.512	-12.64	165.7875	-74.39722	ites	1998	Williams
		Е	Mountaineer											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	range	rocks	bulk	NA	P	NA	0.512	-13.42	165.97667	-73.28028	NA	1998	Williams
		Е	Mountaineer											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	range	rocks	bulk	NA	P	NA	0.5121	-11.28	165.99194	-73.45444	NA	1998	Williams
		Е	Mountaineer											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	range	rocks	bulk	NA	P	NA	0.5119	-13.62	166.16417	-73.41	NA	1998	Williams
		Е	Mountaineer											Rocchi et al.,	Cook-
LZ58	Antarctica	Antarctica	range	rocks	bulk	NA	P	NA	0.5122	-8.15	166.46028	-73.40528	NA	1998	Williams
Antarctic															
(Dronning	Southern	E	Dronning	marine	detrital									Roy et al.	
Maud)	Ocean	Antarctica	Maud	sediment	residue	NA	P	59.93	NA	-14	20	-70	NA	(2007)	Jeandel
Antarctic	Southern	E		marine	detrital									Roy et al.	
(Pryzd Bay)	Ocean	Antarctica	Pryzd Bay	sediment	residue	NA	P	39.43	NA	-18.8	60	-65	NA	(2007)	Jeandel
Antarctic	Southern	W		marine	detrital									Roy et al.	
(Ross Sea)	Ocean	Antarctica	Ross Sea	sediment	residue	NA	P	46.1	NA	-6.8	170	-70	NA	(2007)	Jeandel
Antarctic															
(Weddell	Southern	E		marine	detrital									Roy et al.	
Sea)	Ocean	Antarctica	Weddell Sea	sediment	residue	NA	P	69.9	NA	-8	-40	-75	NA	(2007)	Jeandel
Antarctic															
(West	Southern	W		marine	detrital									Roy et al.	
Antarctic)	Ocean	Antarctica	NA	sediment	residue	NA	P	52.9	NA	-3.7	-120	-70	NA	(2007)	Jeandel
Antarctic															
(Wilkes	Southern	E		marine	detrital									Roy et al.	
Land)	Ocean	Antarctica	Wilkes Land	sediment	residue	NA	P	47.43	NA	-14.3	120	-65	NA	(2007)	Jeandel
	Southern	W	Antarctic	marine	detrital									Roy et al.	Literature
ELT05-20	Ocean	Antarctica	Peninsula	sediment	residue	<63 μm	P	38.1	0.5125	-3.3	-74.78	-67.18	2926	(2007)	search
	Southern	W	Antarctic	marine	detrital	•								Roy et al.	Literature
ELT05-22	Ocean	Antarctica	Peninsula	sediment	residue	<63 μm	P	40.7	0.5127	0.92	-70.25	-65.95	373	(2007)	search
	Southern	W		marine	detrital	,								Roy et al.	Literature
ELT11-17	Ocean	Antarctica	NA	sediment	residue	<63 µ m	P	38.1	0.5124	-4.64	-106.64	-70.17	3456	(2007)	search

	Southern	W		marine	detrital									Roy et al.	Literature
ELT11-18e	Ocean	Antarctica	NA	sediment	residue	<63 μm	P	47.1	0.5124	-4.66	-102.82	-70.14	3786	(2007)	search
	Southern	W	11/1	marine	detrital	νου μ ιιι	1	7/.1	0.5124	7.00	102.02	70.17	3700	Roy et al.	Literature
ELT11-19	Ocean	Antarctica	NA	sediment	residue	<63 µ m	P	55.1	0.5125	-3.28	-99.25	-70.42	3808	(2007)	search
	Southern	W	- 11.1	marine	detrital	100 μ	-	5511	0.0120		,,, <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	701.2		Roy et al.	Literature
ELT33-11	Ocean	Antarctica	NA	sediment	residue	<63 µ m	P	58.1	0.5125	-2.65	-122.26	-70.1	3639	(2007)	search
	Southern	W		marine	detrital	,								Roy et al.	Literature
ELT33-12	Ocean	Antarctica	NA	sediment	residue	$<63 \mu \mathrm{m}$	P	66.1	0.5124	-5.46	-120.17	-70	2615	(2007)	search
	Southern	Е		marine	detrital									Roy et al.	Literature
ELT37-06	Ocean	Antarctica	Wilkes Land	sediment	residue	$<63 \mu \mathrm{m}$	P	34.1	0.5118	-17	145.02	-66.08	201	(2007)	search
	Southern	Е		marine	detrital									Roy et al.	Literature
ELT37-09e	Ocean	Antarctica	Wilkes Land	sediment	residue	$<$ 63 $\mu$ m	P	37.7	0.5118	-20.4	141.1	-65.55	1308	(2007)	search
	Southern	Е		marine	detrital									Roy et al.	Literature
ELT37-10	Ocean	Antarctica	Wilkes Land	sediment	residue	<63 μm	P	42.8	0.5118	-16.1	137.88	-65.22	2249	(2007)	search
	Southern	Е		marine	detrital									Roy et al.	Literature
ELT37-13	Ocean		Wilkes Land	sediment	residue	<63 µ m	P	74.6	0.5119	-14.9	132.98	-64.67	1333	(2007)	search
	Southern	W	Antarctic	marine	detrital									Roy et al.	Literature
ELT42-09	Ocean	Antarctica	Peninsula	sediment	residue	<63 μ m	P	55.1	0.5124	-4.3	-80.4	-69.99	567	(2007)	search
	Southern	E		marine	detrital									Roy et al.	Literature
ELT47-07e	Ocean	Antarctica	Pryzd Bay	sediment	residue	<63 μ m	P	47.3	0.5115	-21.3	77.9	-66.66	1425	(2007)	search
	Southern	E		marine	detrital									Roy et al.	Literature
ELT50-18	Ocean	Antarctica	Wilkes Land	sediment	residue	<63 μ m	P	47.8	0.512	-12.3	119.98	-64.43	3120	(2007)	search
	a .		ъ.												** : /6
101277 25	Southern	E	Dronning	marine	detrital	.62	D	65.4	0.5121	11	10.07	60.61	2015	Roy et al.	Hemming/Co
IO1277-25	Ocean	Antarctica	Maud	sediment	residue	<63 μ m	P	65.4	0.5121	-11	10.97	-68.61	2015	(2007)	ok-Williams
	Southern	Е	Dronning	marine	detrital									Roy et al.	Hemming/Co
IO1277-25	Ocean	Antarctica	Maud	sediment	residue	<63 µ m	P	65.4	0.5121	-11	10.97	-68.61	2015	(2007)	ok-Williams
101277 23	Occum	7 Intarettea	Madd	seament	residue	νου μ ιιι	1	05.4	0.5121	11	10.57	00.01	2013	(2007)	OK WINIAMS
	Southern	Е	Dronning	marine	detrital									Roy et al.	Hemming/Co
IO1277-41e		Antarctica	Maud	sediment	residue	<63 µ m	P	94.7	0.5119	-15	-5.08	-70	1873	(2007)	ok-Williams
						,									
	Southern	E	Dronning	marine	detrital									Roy et al.	Hemming/Co
IO1277-41e	Ocean	Antarctica	Maud	sediment	residue	$<63 \mu \mathrm{m}$	P	94.7	0.5119	-15	-5.08	-70	1873	(2007)	ok-Williams
-															
	Southern	E		marine	detrital									Roy et al.	Hemming/Co
IO1578-48e	Ocean	Antarctica	Weddell Sea	sediment	residue	$<63 \mu\mathrm{m}$	P	65.1	0.5122	-8.5	-20.01	-62	4890	(2007)	ok-Williams
	Southern	E		marine	detrital									Roy et al.	Hemming/Co
IO1578-48e	Ocean		Weddell Sea	sediment	residue	<63 μ m	P	65.1	0.5122	-8.5	-20.01	-62	4890	(2007)	ok-Williams
ODP188-	Southern	Е		marine	detrital									Roy et al.	Literature
1166e	Ocean	Antarctica	Pryzd Bay	sediment	residue	$<63 \mu \mathrm{m}$	P	NA	0.5117	-17.7	74.47	-67.41	480	(2007)	search

	Southern	Е		marine	detrital									Roy et al.	Literature
RC17-51	Ocean	Antarctica	Pryzd Bay	sediment	residue	$<63 \mu \mathrm{m}$	P	30.9	0.5117	-19.2	60.68	-65.65	3676	(2007)	search
Gulf of			Gulf of											Schilling et	
Aden	Africa	Djibouti	Aden	rocks	bulk	NA	P	24.5	NA	6.2	42.5	11.6	NA	al. (1992)	Jeandel
Gulf of			Gulf of											Schilling et	
Aden	Africa	Arabia	Aden	rocks	bulk	NA	P	10	NA	10	48	12	NA	al. (1992)	Jeandel
V-55	Indian	NW Indian	Gulf of	marine										Schilling et	
(900m)	Ocean	Ocean	Aden	sediment	bulk	NA	P	29.6	NA	6.3	43.15	11.6	NA	al. (1992)	Jeandel
	Atlantic		Jan-Mayen											Schilling et	
Jan-Mayen	Ocean	N Atlantic	Islands	rocks	bulk	NA	P	41	NA	5	-8	71	NA	al. (1999)	Jeandel
		Е												Sheraton et	Cook-
NA	Antarctica	Antarctica	Bunger Hills	rocks	bulk	NA	P	NA	0.5115	-22.16	100.88	-66.17	NA	al. (1990)	Williams
		Е												Sheraton et	Cook-
NA	Antarctica	Antarctica	Bunger Hills	rocks	bulk	NA	P	NA	0.5104	-43.58	100.88	-66.17	NA	al. (1990)	Williams
		Е												Sheraton et	Cook-
NA	Antarctica	Antarctica	Bunger Hills	rocks	bulk	NA	P	NA	0.5119	-14.81	100.88	-66.17	NA	al. (1990)	Williams
		Е												Sheraton et	Cook-
NA	Antarctica	Antarctica	Bunger Hills	rocks	bulk	NA	P	NA	0.5114	-23.45	100.88	-66.17	NA	al. (1990)	Williams
		Е												Sheraton et	Cook-
NA	Antarctica	Antarctica	Bunger Hills	rocks	bulk	NA	P	NA	0.5116	-20.48	100.88	-66.17	NA	al. (1990)	Williams
143R-1	Pacific		Costa Rica	marine										Shimizu et al.	
(3640m)	Ocean	E Pacific	rift	sediment	bulk	NA	P	5.44	NA	9.8	-83	3	NA	(1989)	Jeandel
		East	Dronning	marine										Shiraishi et	
NA	Antarctica	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-7.2	23	-72		al., 2008	Williams
		East	Dronning	marine										Shiraishi et	
NA	Antarctica	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-2.3	25	-72		al., 2008	Williams
		East	Dronning	marine										Shiraishi et	
NA	Antarctica	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-9.7	27	-72		al., 2008	Williams
		East	Dronning	marine										Shiraishi et	
NA	Antarctica	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-8.3	31	-73		al., 2008	Williams
		East	Dronning	marine										Shiraishi et	
NA	Antarctica	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-10.5	36	-72		al., 2008	Williams
		East	Dronning	marine										Shiraishi et	
NA	Antarctica	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-8.1	37	-70		al., 2008	Williams
		East	Dronning	marine										Shiraishi et	
NA	Antarctica	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-29.6	39	-70		al., 2008	Williams
		East	Dronning	marine									·	Shiraishi et	
NA	Antarctica	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-22	39	-70		al., 2008	Williams
		East	Dronning	marine			_			_				Shiraishi et	
NA	Antarctica	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-4.9	40	-69		al., 2008	Williams
		East	Dronning	marine			_		_	_				Shiraishi et	
NA	Antarctica	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-5.2	40	-69		al., 2008	Williams

		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-5.7	40	-69	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-4.1	40	-69	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-20.2	40	-70	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-3.3	41	-69	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-6.8	42	-68	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-7.6	43	-68	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-7	45	-68	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-37.6	46	-68	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-12.5	46	-68	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-42.4	49	-68	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-37.7	49	-68	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-38.2	49	-69	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-55	49	-67	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-30.1	49	-68	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-25.9	50	-68	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-32.3	50	-67	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-37.7	51	-67	al., 2008	Williams
-		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-59.6	52	-67	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A		Maud Land	sediment	NA	NA	P	NA	NA	-57.7	52	-67	al., 2008	Williams
		East	Dronning	marine									Shiraishi et	
NA	Antarctica A	Antarctica	Maud Land	sediment	NA	NA	P	NA	NA	-12.6	52	-69	al., 2008	Williams
													•	

	Southern	W	Bellingshaus	marine	detrital									Simoes- Perreira et al.	Cook-
BC361	Ocean	Antarctica	en	sediment	residue	$>$ 150 $\mu$ m	P	NA	0.5124	-4.8	-76.55	-71.99	633	(2018)	Williams
														Simoes-	
	Southern	W	Bellingshaus	marine	detrital									Perreira et al.	Cook-
BC364	Ocean	Antarctica	en	sediment	residue	63 μm-2mm	P	NA	0.5123	-7.24	-83.44	-72.98	1010	(2018)	Williams
														Simoes-	
	Southern	W	Bellingshaus	marine	detrital	150 μ m-								Perreira et al.	Cook-
BC369	Ocean	Antarctica	en	sediment	residue	2mm	P	NA	0.5124	-5.44	-82.86	-71.58	587	(2018)	Williams
	a .	***	western											Simoes-	<i>a</i> .
DC407	Southern	W	Admunsen	marine	detrital	150	ъ	27.4	0.5105	2.52	115.04	72.21	015	Perreira et al.	Cook-
BC407	Ocean	Antarctica	Sea	sediment	residue	$>150 \mu\mathrm{m}$	P	NA	0.5125	-2.52	-115.24	-73.21	815	(2018)	Williams
	Courthous	W	western		dotuito 1									Simoes-	Cook-
BC407	Southern Ocean	W Antarctica	Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5125	-2.62	-115.24	-73.21	815	Perreira et al. (2018)	Williams
DC407	Occan	Amarcuca	western	scument	Testate	IVA	1	INA	0.3123	-2.02	-113.24	-73.21	613	Simoes-	w mams
	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
BC412	Ocean	Antarctica	Sea	sediment	residue	63 µ m-2mm	P	NA	0.5125	-2.76	-115.86	-73.92	1128	(2018)	Williams
	Occum	7 Hitaretteu	western	seament	Testace	03 ji iii 2iiiii	-	1111	0.5125	2.70	113.00	73.52	1120	Simoes-	** illianis
	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
BC420	Ocean	Antarctica	Sea	sediment	residue	$>150  \mu  \text{m}$	P	NA	0.5125	-2.32	-112.86	-74.14	806	(2018)	Williams
			western			•								Simoes-	
	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
BC421	Ocean	Antarctica	Sea	sediment	residue	$>$ 150 $\mu$ m	P	NA	0.5125	-2.71	-113.71	-73.62	833	(2018)	Williams
			western											Simoes-	
	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
BC431	Ocean	Antarctica	Sea	sediment	residue	$>$ 150 $\mu$ m	P	NA	0.5125	-2.92	-118.16	-72.3	512	(2018)	Williams
			western											Simoes-	
	Southern	W	Admunsen	marine	detrital	150 μm-								Perreira et al.	Cook-
BC433	Ocean	Antarctica	Sea	sediment	residue	2mm	P	NA	0.5125	-2.59	-118.31	-71.56	1722	(2018)	Williams
	~ .		eastern											Simoes-	~ .
DC142	Southern	W	Admunsen	marine	detrital	151 μm-	D	27.4	0.5105	2.27	112.01	71.60	600	Perreira et al.	Cook-
BC442	Ocean	Antarctica	Sea	sediment	residue	2mm	P	NA	0.5125	-3.37	-113.01	-71.68	608	(2018)	Williams
	C4	W	eastern		1-4-4-1	152								Simoes-	C1-
BC451	Southern		Admunsen	marine	detrital	152 μ m-	P	NA	0.5124	-4.07	-106.04	-71.87	568	Perreira et al. (2018)	Cook- Williams
DC431	Ocean	Antarctica	Sea eastern	sediment	residue	2mm	r	INA	0.3124	-4.07	-100.04	-/1.0/	306	Simoes-	vv iiiiaiiis
	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
BC455	Ocean	Antarctica	Sea	sediment	residue	NA	P	NA	0.5124	-4.35	-105.08	-71.07	807	(2018)	Williams
20100			eastern	30 danient	Tollado	1,111	-	1111	0.0127		100.00	, 1.0 /	507	Simoes-	
	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
BC455	Ocean	Antarctica	Sea	sediment	residue	$>150  \mu  \text{m}$	P	NA	0.5124	-4.34	-105.08	-71.07	807	(2018)	Williams
						, -			-					` /	

-														Simoes-	
	Southern	W	Bellingshaus	marine	detrital									Perreira et al.	Cook-
BC459	Ocean	Antarctica	en	sediment	residue	$>$ 150 $\mu$ m	P	NA	0.5123	-6.18	-86.25	-70.61	676	(2018)	Williams
														Simoes-	
	Southern	W	Bellingshaus	marine	detrital									Perreira et al.	Cook-
BC470	Ocean	Antarctica	en	sediment	residue	NA	P	NA	0.5124	-4.55	-76.39	-69.09	670	(2018)	Williams
			eastern											Simoes-	
	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
BC476	Ocean	Antarctica	Sea	sediment	residue	NA	P	NA	0.5123	-6.03	-104.42	-74.48	1120	(2018)	Williams
			eastern											Simoes-	
	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
BC482	Ocean	Antarctica	Sea	sediment	residue	NA	P	NA	0.5124	-4.67	-106.27	-73.89	1113	(2018)	Williams
			eastern											Simoes-	
	Southern	W	Admunsen	marine	detrital	$150~\mu\mathrm{m}$ -								Perreira et al.	Cook-
BC485	Ocean	Antarctica	Sea	sediment	residue	2mm	P	NA	0.5124	-4.16	-107.29	-72.73	692	(2018)	Williams
			western											Simoes-	
	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
BC492	Ocean	Antarctica	Sea	sediment	residue	$>150 \mu \mathrm{m}$	P	NA	0.5125	-2.18	-119.96	-71.15	2073	(2018)	Williams
														Simoes-	
	Southern	W	Sulzberger	marine	detrital									Perreira et al.	Cook-
DF83 PC31	Ocean	Antarctica	Bay	sediment	residue	>63 µ m	P	NA	0.512	-11.86	-154.1	-76.6	713	(2018)	Williams
														Simoes-	
DF83-III	Southern	W	Sulzberger	marine	detrital									Perreira et al.	Cook-
BC26A	Ocean	Antarctica	Bay	sediment	residue	>63 µ m	P	NA	0.5121	-10.58	-155.62	-76.95	1353	(2018)	Williams
														Simoes-	
DF83-III	Southern	W	Sulzberger	marine	detrital									Perreira et al.	Cook-
BC28	Ocean	Antarctica	Bay	sediment	residue	>63 µ m	P	NA	0.5121	-10.79	-152.48	-76.83	1024	(2018)	Williams
														Simoes-	
DF83-III	Southern	W	Sulzberger	marine	detrital									Perreira et al.	Cook-
BC33	Ocean	Antarctica	Bay	sediment	residue	NA	P	NA	0.5121	-10.89	-156.4	-76.63	770	(2018)	Williams
			eastern											Simoes-	
	Southern	W	Amundsen	marine	detrital									Perreira et al.	Cook-
DF85 96-1	Ocean	Antarctica	Sea	sediment	residue	NA	Н	NA	NA	-3.28	-103.65	-73.44	NA	(2018)	Williams
	_													Simoes-	_
	Southern	W	Antartic	marine	detrital									Perreira et al.	Cook-
DF8648	Ocean	Antarctica	Peninsula	sediment	residue	NA	P	NA	0.5128	2.2	-59.74	-62.68	1234	(2018)	Williams
	_													Simoes-	_
	Southern	W	Antarctic	marine	detrital									Perreira et al.	Cook-
ELT05-20	Ocean	Antarctica	Peninsula	sediment	residue	NA	Н	NA	NA	-3.61	-74.78	-67.18	NA	(2018)	Williams
														Simoes-	
	Southern	W	Antarctic	marine	detrital									Perreira et al.	Cook-
ELT05-22	Ocean	Antarctica	Peninsula	sediment	residue	NA	H	NA	NA	0.92	-70.25	-65.95	NA	(2018)	Williams

			eastern											Simoes-	
	Southern	W	Amundsen	marine	detrital									Perreira et al.	Cook-
ELT11-18	Ocean	Antarctica	Sea	sediment	residue	NA	Н	NA	NA	-4.66	-102.82	-70.14	NA	(2018)	Williams
LL111-10	Occan	Timarcuca	eastern	scument	residue	1171	11	11/1	1471	-4.00	-102.02	-70.14	1471	Simoes-	W IIIIaiiis
	Southern	W	Amundsen	morino	detrital									Perreira et al.	Cook-
FI T11 10				marine		NIA	**	NTA	NTA	2.20	00.25	70.42	NT A		
ELT11-19	Ocean	Antarctica	Sea	sediment	residue	NA	Н	NA	NA	-3.28	-99.25	-70.42	NA	(2018)	Williams
	~ .		western											Simoes-	~ .
	Southern	W	Amundsen	marine	detrital									Perreira et al.	Cook-
ELT33-12	Ocean	Antarctica	Sea	sediment	residue	NA	Н	NA	NA	-5.46	-120.17	-70	NA	(2018)	Williams
														Simoes-	
	Southern	W	Bellingshaus	marine	detrital									Perreira et al.	Cook-
ELT42-09	Ocean	Antarctica	en Sea	sediment	residue	NA	Н	NA	NA	-4.25	-80.39	-69.99	NA	(2018)	Williams
														Simoes-	
	Southern	W	Bellingshaus	marine	detrital									Perreira et al.	Cook-
GC362	Ocean	Antarctica	en	sediment	residue	NA	P	NA	0.5123	-5.64	-80.83	-72.6	846	(2018)	Williams
			Wrigley											Simoes-	
NBP0001	Southern	W	Gulf-Hobbs	marine	detrital									Perreira et al.	Cook-
KC17	Ocean	Antarctica	Coast	sediment	residue	NA	P	NA	0.5127	0.29	-123.53	-73.79	891	(2018)	Williams
			western											Simoes-	
NBP0001	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
KC21	Ocean	Antarctica	Sea	sediment	residue	$>150  \mu  \text{m}$	P	NA	0.5125	-2.79	-115.84	-74.03	1049	(2018)	Williams
11021	occun	7 Intaretica	western	seament	Testade	> 150 µ III	-	1171	0.5125	2.79	113.01	7 1.05	1015	Simoes-	** IIIaiis
NBP0001	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
KC24	Ocean	Antarctica	Sea	sediment	residue	NA	P	NA	0.5127	0.43	-113.18	-74.17	301	(2018)	Williams
KC24	Ocean	Amarcuca		seument	residue	NA	Г	NA	0.3127	0.43	-113.10	-/4.1/	301	` ′	w illianis
NIDDOOO1	0 4	***	Wrigley		1									Simoes-	G 1
NBP0001	Southern	W	Gulf-Hobbs	marine	detrital	1.50		***	0.5105	0.22	120.22	<b>5</b> 2.44	504	Perreira et al.	Cook-
PC14	Ocean	Antarctica	Coast	sediment	residue	>150 µ m	P	NA	0.5127	0.32	-128.32	-73.11	591	(2018)	Williams
		·	western											Simoes-	~ .
NBP0001	Southern	W	Admunsen	marine	detrital		_		0 = 4 = -					Perreira et al.	Cook-
PC22	Ocean	Antarctica	Sea	sediment	residue	NA	P	NA	0.5125	-2.35	-115.46	-74.06	1171	(2018)	Williams
			western											Simoes-	
	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
NBP0702	Ocean	Antarctica	Sea	sediment	residue	NA	P	NA	0.5125	-2.97	-117.3	-74.02	350	(2018)	Williams
			western											Simoes-	
	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
NBP0702	Ocean	Antarctica	Sea	sediment	residue	NA	P	NA	0.5125	-2.46	-111.9	-74.21	343	(2018)	Williams
														Simoes-	
NBP9601	Southern	W	Sulzberger	marine	detrital									Perreira et al.	Cook-
JTC11	Ocean	Antarctica	Bay	sediment	residue	NA	P	NA	0.5121	-11.47	-155.44	-76.78	392	(2018)	Williams
			•											Simoes-	
NBP9601	Southern	W	Sulzberger	marine	detrital									Perreira et al.	Cook-
PC12	Ocean	Antarctica	Bay	sediment	residue	NA	P	NA	0.5121	-10.95	-152.85	-76.74	881	(2018)	Williams
1012	Occan	, marcuca	Day	Sediment	residue	1 1/1 1	1	1 1/1 1	0.5121	10.55	152.05	10.17	001	(2010)	11 111101113

NBP9601 TC13	Southern Ocean	W Antarctica	Sulzberger Bay	marine sediment	detrital residue	NA	P	NA	0.5121	-11.22	-153.36	-76.65	739	Simoes- Perreira et al. (2018)	Cook- Williams
NBP9902 Grab20	Southern Ocean	W Antarctica	Sulzberger Bay	marine sediment	detrita1 residue	NA	P	NA	0.5121	-11.31	-154.82	-76.41	458	Simoes- Perreira et al. (2018)	Cook- Williams
NBP9902 PC21	Southern Ocean	W Antarctica	Wrigley Gulf-Hobbs Coast	marine sediment	detrital residue	>150 µm	P	NA	0.5126	-0.54	-127.79	-74.08	702	Simoes- Perreira et al. (2018)	Cook- Williams
NBP9902 TC23	Southern Ocean	W Antarctica	Wrigley Gulf-Hobbs Coast	marine sediment	detrital residue	NA	P	NA	0.5127	0.57	-127.86	-73.78	726	Simoes- Perreira et al. (2018)	Cook- Williams
PS25241	Southern Ocean	W Antarctica	Antartic Peninsula	marine sediment	detrital residue	>150 µm	P	NA	0.5125	-3.61	-74.78	-67.18	2926	Simoes- Perreira et al. (2018)	Cook- Williams
PS25433	Southern Ocean	W Antarctica	Bellingshaus en	marine sediment	detrital residue	NA	P	NA	0.5123	-6.89	-89.36	-70.95	537	Simoes- Perreira et al. (2018)	Cook- Williams
PS25451	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5126	-1.66	-121.95	-73.16	636	Simoes- Perreira et al. (2018)	Cook- Williams
PS69/2511	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5124	-4.71	-104.81	-72.11	573	Simoes- Perreira et al. (2018)	Cook- Williams
PS69/2553	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	150 μ m- 2mm	P	NA	0.5124	-4.61	-104.36	-71.8	654	Simoes- Perreira et al. (2018)	Cook- Williams
PS69/2752	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	>150 µm	P	NA	0.5125	-2.35	-117.55	-73.89	1517	Simoes- Perreira et al. (2018)	Cook- Williams
PS69/2813	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	NA	P	NA	0.5125	-1.87	-110.21	-74.33	213	Simoes- Perreira et al. (2018)	Cook- Williams
PS69/2835	Southern Ocean	W Antarctica	western Admunsen Sea	marine sediment	detrital residue	150 μ m- 2mm	P	NA	0.5125	-2.86	-115.38	-72.76	612	Simoes- Perreira et al. (2018)	Cook- Williams
PS69/2991	Southern Ocean	W Antarctica	eastern Admunsen Sea	marine sediment	detrital residue	150 μ m- 2mm	P	NA	0.5125	-3.28	-103.65	-73.44	718	Simoes- Perreira et al. (2018)	Cook- Williams
PS75/1302	Southern Ocean	W Antarctica	Wrigley Gulf-Hobbs Coast	marine sediment	detrital residue	>150 µm	P	NA	0.5127	1.14	-134.15	-74.45	793	Simoes- Perreira et al. (2018)	Cook- Williams

			Wrigley											Simoes-	
	Southern	W	Gulf-Hobbs	marine	detrital									Perreira et al.	Cook-
PS75/1331	Ocean	Antarctica	Coast	sediment	residue	$>$ 150 $\mu$ m	P	NA	0.5127	1.26	-133.08	-74.34	474	(2018)	Williams
			eastern											Simoes-	
	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
PS75/1591	Ocean	Antarctica	Sea	sediment	residue	$63 \mu \text{ m-2mm}$	P	NA	0.5123	-7.24	-102.36	-74.8	1046	(2018)	Williams
			eastern											Simoes-	
	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
PS75/1681	Ocean	Antarctica	Sea	sediment	residue	$63 \mu \text{ m-2mm}$	P	NA	0.5124	-4.52	-105.87	-74.61	652	(2018)	Williams
			eastern											Simoes-	
	Southern	W	Admunsen	marine	detrital									Perreira et al.	Cook-
PS75/1922	Ocean	Antarctica	Sea	sediment	residue	NA	P	NA	0.5124	-4.49	-103.33	-71.74	793	(2018)	Williams
	Indian													Spaeth et al.	
Comoros	Ocean	W Indian	Comoros	rocks	bulk	NA	P	41.9	NA	3.4	44	-12	NA	(1996)	Jeandel
NBP01-01															
JPC Sites															
(nb from														Stefanie	
base of				marine										Brachfeld Nd	
cores)	NA	NA	NA	sediment	NA	NA	P	NA	NA	-23.4	143	-67		data	Williams
NBP01-01															
JPC Sites															
(nb from														Stefanie	
base of				marine										Brachfeld Nd	
cores)	NA	NA	NA	sediment	NA	NA	P	NA	NA	-18.4	77	-69		data	Williams
NBP01-01															
JPC Sites															
(nb from														Stefanie	
base of				marine										Brachfeld Nd	
cores)	NA	NA	NA	sediment	NA	NA	P	NA	NA	-16.5	73	-68		data	Williams
NBP01-01															
JPC Sites															
(nb from														Stefanie	
base of				marine										Brachfeld Nd	
cores)	NA	NA	NA	sediment	NA	NA	P	NA	NA	-19	66	-67		data	Williams
Andean	1111	.111	.11.1	30 amilent	-112	1.111	-	1111	. 11. 1					uuu	
Austral														Stern &	
Zone	America	Chile	NA	rocks	bulk	NA	P	18.3	NA	-1.4	-73.55	-49.75	NA	Kilian (1996)	Jeandel
Andean		Cime	-111	100Nb	Conc	1.111	-	10.5	.11.1	2.1		.,,,,	. 17.1	(1770)	J C LINGO
Austral														Stern &	
Zone	America	Chile	NA	rocks	bulk	NA	P	15.7	NA	1.1	-73.4	-52.33	NA	Kilian (1996)	Jeandel
Lone	inclica	Cinc	1411	LOCKS	oun	11/1		13.1	1 47 7	1.1	, J.T	24.33	1 47 1	12man (1770)	Jeanuel

Andean														C4 0	
Austral Zone	America	Chile	NA	rocks	bulk	NA	P	28.1	NA	9.8	-70.24	-54.95	NA	Stern & Kilian (1996)	Jeandel
MET3901-	Atlantic	Cilie	INA	marine	detrital	IVA	Г	20.1	INA	7.0	- 10.24	-34.73	INA	Stumpf et al.	Literature
008/000	Ocean	NE Atlantic	NA	sediment	residue	bulk	P	NA	NA	-10.6	-7.07	36.38	577	(2010)	search
MET3901-	Atlantic	TVL / Yuanuc	11/1	marine	detrital	buik	1	11/1	1171	-10.0	-7.07	30.30	311	Stumpf et al.	Literature
036/000	Ocean	NE Atlantic	NA	sediment	residue	bulk	P	NA	NA	-10.5	-9.68	37.81	1745	(2010)	search
MET3901-	Atlantic	TVL / Yuanuc	11/1	marine	detrital	buik		11/1	1171	-10.5	-7.00	37.01	1743	Stumpf et al.	Literature
058/000	Ocean	NE Atlantic	NA	sediment	residue	bulk	P	NA	NA	-9.7	-10.68	39.04	1974	(2010)	search
050/000	Mediterran		1171	marine	detrital	June	-	1111	1171	· · · ·	10.00	37.01	1771	Tachikawa et	Literature
AP01	ean Sea	Basin	NA	sediment	residue	NA	P	21.5	NA	-11.8	19.12	39.22	NA	al (2004)	search
71101	Mediterran		1171	marine	detrital	1171	•	21.5	1171	11.0	17.12	37.22	1171	Tachikawa et	Literature
MD84,-641		Basin	NA	sediment	residue	NA	P	18.7	NA	-6.1	33.63	33.03	NA	al (2004)	search
	Mediterran			marine	detrital		-	10.,	- 11.1				11.1	Tachikawa et	Literature
MST1	ean Sea	Basin	Aegean Sea		residue	NA	P	18.1	NA	-7.6	25.2	36.17	NA	al (2004)	search
		Liguro-	o 23tt				•							\ <i>y</i>	
	Mediterran			marine	detrital									Tachikawa et	Literature
MT15	ean Sea	Basin	Balearic Sea		residue	NA	P	22.4	NA	-12.5	4.5	38.88	NA	al (2004)	search
	Mediterran	Aegean		marine	detrital									Tachikawa et	Literature
SL73	ean Sea	Basin	Aegean Sea	sediment	residue	NA	P	17	NA	-8.4	24.52	39.67	NA	al (2004)	search
	Mediterran	Levantine		marine	detrital									Tachikawa et	Literature
SL9	ean Sea	Basin	NA	sediment	residue	NA	P	16.2	NA	-10.3	31.67	34.28	NA	al (2004)	search
	Mediterran	Alboran		trap										Tachikawa et	Literature
St-B	ean Sea	Basin	NA	sample	bulk	$>0.63  \mu  \text{m}$	P	NA	NA	-11.4	-4.24	36.21	NA	al (2004)	search
	Mediterran	Alboran		trap										Tachikawa et	Literature
St-C	ean Sea	Basin	NA	sample	bulk	$>0.63  \mu  \text{m}$	P	NA	NA	-11	-4.26	36	NA	al (2004)	search
S-E	Atlantic													Taylor et al.	
Greenland	Ocean	N Atlantic	Greenland	rocks	bulk	NA	P	15	NA	-38	-34	67	NA	(1992)	Jeandel
S-															
E_Greenlan	Atlantic													Taylor et al.	
d	Ocean	N Atlantic	Greenland	rocks	bulk	NA	P	15	NA	-38	-34	65	NA	(1992)	Jeandel
N-E	Atlantic											•		Thrane	·
Greenland	Ocean	N Atlantic	Greenland	rocks	bulk	NA	P	32.02	NA	-29.8	-27	72.3	NA	(2002)	Jeandel
N-E	Atlantic											•		Thrane	
Greenland	Ocean	N Atlantic	Greenland	rocks	NA	NA	P	32.02	NA	-29.8	-27	72.3		(2002)	Jeandel
N-E	Atlantic											•		Thrane	
Greenland	Ocean	N Atlantic	Greenland	rocks	bulk	NA	P	32.02	NA	-29.8	-27	71	NA	(2002)	Jeandel
N-E	Atlantic													Thrane	
Greenland	Ocean	N Atlantic	Greenland	rocks	NA	NA	P	32.02	NA	-29.8	-27	71		(2002)	Jeandel
							·		·					Van der	
	Indian		Mozambiqu	marine	detrital									Lubbe et al.	Literature
64PE304-47	Ocean	SW Indian	e Shelf	sediment	residue	$<2 \mu \mathrm{m}$	P	NA	NA	-11.2	41.33	-14.58	2804	(2015)	search

64PE304-56	Indian Ocean	SW Indian	Mozambiqu e Shelf	marine sediment	detrital residue	<2 μm	P	NA	NA	-14.4	41.32	-16.85	2652	Van der Lubbe et al. (2015)	Literature search
64PE304-66	Indian Ocean	SW Indian	Mozambiqu e Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-15.1	40.05	-16.53	1103	Van der Lubbe et al. (2015)	Literature search
64PE304-68	Indian Ocean	SW Indian	Mozambiqu e Shelf	marine sediment	detrital residue	<2 \mu m	P	NA	NA	-15.2	40.03	-16.5	756	Van der Lubbe et al. (2015)	Literature search
64PE304-82	Indian Ocean	SW Indian	Mozambiqu e Shelf	marine sediment	detrital residue	<2 µ m	P	NA	NA	-15.3	37.4	-18.88	939	Van der Lubbe et al. (2015)	Literature search
64PE304-86	Indian Ocean	SW Indian	Mozambiqu e Shelf	marine sediment	detrital residue	<2 µ m	P	NA	NA	-14.7	36.87	-19.35	197	Van der Lubbe et al. (2015)	Literature search
64PE304-88	Indian Ocean	SW Indian	Mozambiqu e Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-15.7	36.9	-19.37	410	Van der Lubbe et al. (2015)	Literature search
GIK16155-	Indian Ocean	SW Indian	Mozambiqu e Shelf	marine sediment	detrital residue	<2 \mu m	P	NA	NA	-16.1	35.9	-20.87	836	Van der Lubbe et al. (2015)	Literature search
GIK16156-	Indian Ocean	SW Indian	Mozambiqu e Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-16.5	36.41	-18.94	NA	Van der Lubbe et al. (2015)	Literature search
GIK16156- 5	Indian Ocean	SW Indian	Mozambiqu e Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-16.2	36.4	-18.94	24	Van der Lubbe et al. (2015)	Literature search
GIK16157- 4	Indian Ocean	SW Indian	Mozambiqu e Shelf	marine sediment	detrital residue	<2 µ m	P	NA	NA	-17.7	36.54	-18.72	18	Van der Lubbe et al. (2015)	Literature search
GIK16158- 2	Indian Ocean		Mozambiqu e Shelf	marine sediment	detrital residue	<2 \mu m	P	NA	NA	-16.6	37.97	-17.55	25	Van der Lubbe et al. (2015)	Literature search
GIK16159- 1	Indian Ocean	SW Indian	Mozambiqu e Shelf	marine sediment	detrital residue	<2 μm	P	NA	NA	-16.4	37.92	-17.76	55	Van der Lubbe et al. (2015)	Literature search
GIK16160- 1	Indian Ocean	SW Indian	Mozambiqu e Shelf	marine sediment	detrital residue	<2 μ m	P	NA	NA	-15.8	37.87	-18.24	1343	Van der Lubbe et al. (2015)	Literature search
Zambezi sands	Africa	Zambia	Victoria Falls	river sediment	detrital residue	>63 µ m	P	NA	NA	-6	24.29	-17.47	NA	Van der Lubbe et al. (2015)	Literature search

C American	Pacific													Verma	
arc	Ocean	E Pacific	NA	rocks	bulk	NA	P	21	NA	1.5	-97.34	19.83	NA	(2000)	Jeandel
	Pacific													Vidal et al.	
Batan	Ocean	W Pacific	Indonesia	rocks	bulk	NA	P	5.66	NA	-2.8	121.9	20.25	NA	(1989)	Jeandel
														Von	
Greenland														Blanckenbur	
stream	Atlantic			river										g & Nagler	
110526	Ocean	N Atlantic	Greenland	sediment	bulk	NA	P	45.7	NA	-24.2	-49.48	65.1	NA	(2001)	Jeandel
G 1 1														Von	
Greenland	A .1													Blanckenbur	
stream	Atlantic	NI A 414:-	C 1 4	river	111-	NI A	D	54.26	NIA	22	40.56	65.07	NT A	g & Nagler	T1-1
110528	Ocean	N Atlantic	Greenland	sediment	bulk	NA	P	54.26	NA	-33	-49.56	65.07	NA	(2001)	Jeandel
														Von	
Greenland	A .d*													Blanckenbur	
stream	Atlantic	NY A.d:	G 1 1	river	37.4	27.4	ъ	00.7	NYA	242	50.07	65.1		g & Nagler	Y 11
1105862	Ocean	N Atlantic	Greenland	sediment	NA	NA	P	82.7	NA	-34.3	-50.07	65.1		(2001)	Jeandel
0 1 1														Von	
Greenland	A 41 4: -													Blanckenbur	
stream 1105894	Atlantic	N Atlantic	Greenland	river	NA	NA	P	39.9	NA	-26.1	-49.53	65.08		g & Nagler	Icondol
1103894	Ocean	N Attailuc		sediment		NA	r	39.9	NA	-20.1	-49.33	03.08		(2001)	Jeandel
E 4 C	Pacific	W D :C: -	Papua New	marine	decarb.	NI A	D	24	NIA	0.7	122	4	NT A	Vroon et al.	T1-1
East Seram	Ocean	W Pacific	Guinea	sediment .	sediment	NA	P	24	NA	-8.7	132	-4	NA	(1995)	Jeandel
F 46	Indian	E Indian	T 1 .	marine	decarb.	NT A	D	21.5	NIA	0.1	122	7	NT A	Vroon et al.	T 11
East Serua	Ocean	Ocean	Indonesia	sediment	sediment	NA	P	21.5	NA	-8.1	132	-7	NA	(1995)	Jeandel
East Timor	Indian	E Indian	T., d.,	marine	decarb.	NI A	P	20.4	NA	-9.5	120	-9	NT A	Vroon et al.	T1-1
East 1 imor	Ocean	Ocean	Indonesia	sediment	sediment	NA	Р	20.4	NA	-9.3	128	-9	NA	(1995)	Jeandel
															Cook-
	0 4	г.			1 . 2 1									XX 1 1	Williams/Ext
D ODG 15	Southern	E	W/ 11 11 C	marine	detrital	NT A	D	22.00	0.5122	6.0	45.7	(1.50	200	Walter et al.	ernal
D-ORC-15	Ocean	Antarctica	Weddell Sea	seaiment	residue	NA	P	23.98	0.5123	-6.2	-45.7	-61.58	290	(2000)	contribution
															Cook-
	C/1	***			1-4-2-1									W7-14 1	Williams/Ext
DC1016 1	Southern	W	W 11 11 C	marine	detrital	NT A	D	10.56	0.5121	10.4	40.02	77.06	702	Walter et al.	ernal
PS1016-1	Ocean	Antarctica	Weddell Sea	sediment	residue	NA	P	18.56	0.5121	-10.4	-40.83	-77.26	702	(2000)	contribution
															Cook-
	0 4	Г			1 4 2 1									XX 1 1	Williams/Ext
DC1400 2	Southern	E	W- 44-11 C	marine	detrital	NI A	D	10.64	0.5122	7.7	25.00	74.60	407	Walter et al.	ernal
PS1490-2	Ocean	Antarctica	Weddell Sea	seaiment	residue	NA	P	10.64	0.5122	-/./	-35.08	-74.68	497	(2000)	contribution

PS1537-2*	Southern Ocean	W Antarctica	West Antarctic Peninsula	marine sediment	detrital residue	NA	P	11.27	0.5127	1.5	-55.87	-61.98	1812	Walter et al. (2000)	Cook- Williams/Ext ernal contribution
PS1563-1	Southern Ocean	W Antarctica	West Antarctic Peninsula	marine sediment	detrita1 residue	NA	P	14.1	0.5126	-1.1	-68.46	-64.78	2800	Walter et al. (2000)	Cook- Williams/Ext ernal contribution
131303-1	Occan	Amarcuca	Tellilisula	scument	Tesidue	IVA	1	14.1	0.5120	-1.1	-00.40	-04.76	2800	(2000)	Cook-
PS1563-1	Southern Ocean	W Antarctica	West Antarctic Peninsula	marine sediment	detrital residue	NA	Н	16.16	0.5124	-4.4	-45.29	-53.55	3471	Walter et al. (2000)	Williams/Ext ernal contribution
			Weddell Sea/W												Cook- Williams/Ext
PS2805-1*	Southern Ocean	W Antarctica	Antarctica Peninsula	marine sediment	detrital residue	NA	P	21.2	0.5123	-5.7	-56.53	-66.09	466	Walter et al. (2000)	ernal contribution
NA	Southern Ocean	Kerguelen	NA	rocks	bulk	NA	P	25	NA	0	69	-49	NA	Weis et al. (1998); Doucet et al. (2005)	Jeandel
1171	Mediterran		1471	marine	decarb.	1471	1	23	1171	0	07	-47	1471	Weldeab et	Jeander
966A	ean Sea	Basin	NA	sediment	sediment	bulk	P	NA	NA	-6.81	32.7	33.81	NA	al. (2002a)	Scheuvens
968A	Mediterran ean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-6.36	32.75	34.34	NA	Weldeab et al. (2002a)	Scheuvens
969A	Mediterran ean Sea	Levantine Basin	S of Crete	marine sediment	decarb. sediment	bulk	P	NA	NA	-11.24	24.89	33.85	NA	Weldeab et al. (2002a)	Scheuvens
970A	Mediterran ean Sea	Levantine Basin	S of Crete	marine sediment	decarb. sediment	bulk	P	NA	NA	-10.94	24.8	33.74	NA	Weldeab et al. (2002a)	Scheuvens
971A	Mediterran ean Sea	Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-11.08	24.69	33.73	NA	Weldeab et al. (2002a)	Scheuvens
KL49	Mediterran ean Sea	Aegean Basin	Sea of Crete		decarb. sediment	bulk	P	NA	NA	-8.37	25.57	36.15	NA	Weldeab et al. (2002a)	Scheuvens
KL50	Mediterran ean Sea	Aegean Basin	Sea of Crete		decarb.	bulk	P	NA	NA	-5.79	25.91	35.61	NA	Weldeab et al. (2002a)	Scheuvens
KL59	Mediterran ean Sea	Ionian Basin	NA	marine sediment	decarb.	bulk	P	NA	NA	-11	22.67	35.82	NA	Weldeab et al. (2002a)	Scheuvens
KL60	Mediterran ean Sea	Ionian Basin	S. of Sicily	marine sediment	decarb.	bulk	P	NA	NA	-12.11	13.19	37.34	NA	Weldeab et al. (2002a)	Scheuvens
KL82	Mediterran ean Sea	Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-2.79	34.18	32.33	NA	Weldeab et al. (2002a)	Scheuvens
KL83	Mediterran ean Sea	Levantine Basin	NA	marine sediment	decarb. sediment	bulk	P	NA	NA	-3.24	34.16	32.62	NA	Weldeab et al. (2002a)	Scheuvens

-	Mediterran	Levantine		marine	decarb.									Weldeab et	
KL85	ean Sea	Basin	NA	sediment	sediment	bulk	P	NA	NA	-2.98	34.03	32.62	NA	al. (2002a)	Scheuvens
	Mediterran	Ionian	G. of	marine	decarb.									Weldeab et	
MC10	ean Sea	Basin	Taranto	sediment	sediment	bulk	P	NA	NA	-10.01	17.04	40.14	NA	al. (2002a)	Scheuvens
-	Mediterran	Levantine		marine	decarb.									Weldeab et	
MC21	ean Sea	Basin	NA	sediment	sediment	bulk	P	NA	NA	-9.34	28.57	33.61	NA	al. (2002a)	Scheuvens
	Mediterran	Levantine		marine	decarb.									Weldeab et	
MC22	ean Sea	Basin	NA	sediment	sediment	bulk	P	NA	NA	-9.48	29.46	33.25	NA	al. (2002a)	Scheuvens
	Mediterran	Levantine		marine	decarb.									Weldeab et	
MC23	ean Sea	Basin	NA	sediment	sediment	bulk	P	NA	NA	-5.25	30.61	32.69	NA	al. (2002a)	Scheuvens
-	Mediterran	Levantine		marine	decarb.									Weldeab et	
MC24	ean Sea	Basin	NA	sediment	sediment	bulk	P	NA	NA	-3.28	31.18	32.33	NA	al. (2002a)	Scheuvens
	Mediterran	Levantine		marine	decarb.									Weldeab et	
MC25	ean Sea	Basin	NA	sediment	sediment	bulk	P	NA	NA	-3.8	31.89	32.02	NA	al. (2002a)	Scheuvens
	Mediterran	Levantine		marine	decarb.									Weldeab et	_
MC35	ean Sea	Basin	NA	sediment	sediment	bulk	P	NA	NA	-1.03	34.85	33.03	NA	al. (2002a)	Scheuvens
	Mediterran	Levantine		marine	decarb.									Weldeab et	
MC38	ean Sea	Basin	NA	sediment	sediment	bulk	P	NA	NA	-3.82	32.63	34.44	NA	al. (2002a)	Scheuvens
	Mediterran	Aegean		marine	decarb.									Weldeab et	
MC515	ean Sea	Basin	Sporades B.	sediment	sediment	bulk	P	NA	NA	-7.63	23.73	39.28	NA	al. (2002a)	Scheuvens
	Mediterran	Aegean		marine	decarb.									Weldeab et	
MC521	ean Sea	Basin	Sea of Crete	sediment	sediment	bulk	P	NA	NA	-8.21	25.28	35.82	NA	al. (2002a)	Scheuvens
	Mediterran	Aegean		marine	decarb.									Weldeab et	
MC522	ean Sea	Basin	Sea of Crete	sediment	sediment	bulk	P	NA	NA	-8.43	25.44	35.85	NA	al. (2002a)	Scheuvens
	Mediterran	Ionian		marine	decarb.									Weldeab et	
MC531	ean Sea	Basin	S. of Otranto	sediment	sediment	bulk	P	NA	NA	-9.66	18.97	39.54	NA	al. (2002a)	Scheuvens
	Mediterran	Ionian		marine	decarb.									Weldeab et	
MC532	ean Sea	Basin	S. of Otranto	sediment	sediment	bulk	P	NA	NA	-9.62	19.01	39.96	NA	al. (2002a)	Scheuvens
	Mediterran	Ionian	G. of	marine	decarb.									Weldeab et	
MC533	ean Sea	Basin	Messina	sediment	sediment	bulk	P	NA	NA	-11.18	16.16	37.01	NA	al. (2002a)	Scheuvens
	Mediterran	Ionian	G. of	marine	decarb.									Weldeab et	
MC536	ean Sea	Basin	Messina	sediment	sediment	bulk	P	NA	NA	-10.9	16.01	37.4	NA	al. (2002a)	Scheuvens
	Mediterran	Levantine		marine	decarb.									Weldeab et	
SL67	ean Sea	Basin	SE of Crete	sediment	sediment	bulk	P	NA	NA	-9.48	27.3	34.82	NA	al. (2002a)	Scheuvens
'	Mediterran	Ionian		marine	decarb.									Weldeab et	
SL71	ean Sea	Basin	SW of Crete	sediment	sediment	bulk	P	NA	NA	-11.45	23.2	34.82	NA	al. (2002a)	Scheuvens
Gulf of	Atlantic		Gulf of	marine	detrital		·							Weldeab et	Author
Guinea	Ocean	E Atlantic	Guinea	sediment	residue	NA	P	20.73	0.512	-11.8	5.49	3.62	NA	al. (2011)	contribution
	Atlantic		Gulf of	marine	detrital		·							Weldeab et	Author
MD03-2707	Ocean	E Atlantic	Guinea	sediment	residue	NA	P	35.18	0.5118	-17.11	9.39	2.5	NA	al. (2011)	contribution
				river										Weldeab et	Author
Ntem1	Africa	Cameroon	Ntem River	sediment	bulk	NA	P	19	0.5111	-29.99	10.58	2.3	NA	al. (2011)	contribution

				river										Weldeab et	Author
Ntem2	Africa	Cameroon	Ntem River	sediment	bulk	NA	P	20	0.5113	-26.28	10.55	2.33	NA	al. (2011)	contribution
-				river										Weldeab et	Author
Nyong1	Africa	Cameroon	Nyong River	sediment	bulk	NA	P	19	0.512	-12.76	12.23	3.75	NA	al. (2011)	contribution
				river										Weldeab et	Author
Nyong2	Africa	Cameroon	Nyong River	sediment	bulk	NA	P	17	0.512	-11.81	11.88	3.52	NA	al. (2011)	contribution
				river										Weldeab et	Author
Nyong3	Africa	Cameroon	Nyong River	sediment	bulk	NA	P	22	0.512	-13.06	12.23	3.75	NA	al. (2011)	contribution
			Sanaga	river										Weldeab et	Author
Sanaga1	Africa	Cameroon	River	sediment	bulk	NA	P	31	0.512	-12.31	10.03	3.75	NA	al. (2011)	contribution
			Sanaga	river										Weldeab et	Author
Sanaga2	Africa	Cameroon	River	sediment	bulk	NA	P	47	0.512	-12.71	11.18	4.27	NA	al. (2011)	contribution
			Sanaga	river										Weldeab et	Author
Sanaga3	Africa	Cameroon	River	sediment	bulk	NA	P	39	0.512	-12.35	13.05	4.92	NA	al. (2011)	contribution
,			Sanaga	river										Weldeab et	Author
Sanaga4	Africa	Cameroon	River	sediment	bulk	NA	P	30	0.512	-12.03	13.05	4.92	NA	al. (2011)	contribution
			Sanaga	river										Weldeab et	Author
Sanaga5	Africa	Cameroon	River	sediment	bulk	NA	P	35	0.512	-12.28	13.03	5.03	NA	al. (2011)	contribution
		South	Buffels	river										Weldeab et	Author
Buffels1	Africa	Africa	River	sediment	bulk	$<$ 125 $\mu$ m	P	NA	0.5117	-18.2	17.71	-29.7	NA	al. (2013)	contribution
		South	Buffels	river										Weldeab et	Author
Buffels2	Africa	Africa	River	sediment	bulk	$<$ 125 $\mu$ m	P	NA	0.5118	-17.05	17.52	-29.61	NA	al. (2013)	contribution
		South	Orange	river										Weldeab et	Author
Dry	Africa	Africa	River	sediment	bulk	<125 μm	P	NA	0.5117	-18.41	17.65	-28.8	NA	al. (2013)	contribution
GeoB8332-	Atlantic			marine	decarb.									Weldeab et	Author
4	Ocean	SE Atlantic	NA	sediment	sediment	<125 μm	P	NA	0.5121	-11.12	16.66	-29.13	NA	al. (2013)	contribution
		South		river										Weldeab et	Author
Holgat	Africa	Africa	Holgat River	sediment	bulk	<125 μ m	P	NA	0.5119	-13.97	16.77	-28.93	NA	al. (2013)	contribution
		South	Olifants	river										Weldeab et	Author
Olifants	Africa	Africa	River	sediment	bulk	<125 μ m	P	NA	0.5121	-11.12	18.2	-31.68	NA	al. (2013)	contribution
		South	Orange	river										Weldeab et	Author
Orange 1	Africa	Africa	River	sediment	bulk	$>2 \mu \mathrm{m}$	P	NA	0.512	-11.78	16.47	-28.6	NA	al. (2013)	contribution
		South	Orange	river										Weldeab et	Author
Orange2	Africa	Africa	River	sediment	bulk	<20 μ m	P	NA	0.512	-12.11	17.64	-28.77	NA	al. (2013)	contribution
		South	Orange	river										Weldeab et	Author
Orange3	Africa	Africa	River	sediment	bulk	$>2 \mu \mathrm{m}$	P	NA	0.512	-12.58	16.47	-28.6	NA	al. (2013)	contribution
		South	Orange	river			_							Weldeab et	Author
Orange4	Africa	Africa	River	sediment	bulk	<120 μ m	P	NA	0.512	-13.26	17.64	-28.77	NA	al. (2013)	contribution
														White &	
4.1		4.1	37.		,	37.	ъ	4.0	***	<i>a .</i>	150	<i>.</i> .	***	Pachett	
Aleutians	America	Aleutian	NA	rocks	bulk	NA	P	12	NA	7.4	170	54	NA	(1984)	Jeandel

Antilles	Atlantic Ocean	W Atlantic	Carribean	rocks	bulk	NA	P	10	NA	5.5	-62	16	NA	White & Pachett (1984)	Jeandel
banda	Indian Ocean	E Indian Ocean	Indonesia	rocks	bulk	NA	P	11.5	NA	-3.3	122	-10	NA	White & Pachett (1984)	Jeandel
izu chain (japon)	Asia	Japan	NA	rocks	bulk	NA	P	12	NA	7.7	140	35	NA	White & Pachett (1984)	Jeandel
new britain	Pacific Ocean	W Pacific	Micronesia	rocks	bulk	NA	P	18	NA	7.4	150	10	NA	White & Pachett (1984)	Jeandel
Sunda	Asia	Indonesia	Jakarta	rocks	bulk	NA	P	21	NA	0	106	-6	NA	White & Pachett (1984)	Jeandel
GS7605-11 (2625m)	Atlantic Ocean	NW Atlantic	Antilles	marine sediment	bulk	NA	P	21.43	NA	-9.1	-59.64	14.72	NA	White and Dupre (1985)	Jeandel
GS7605-48 (2430m)	Atlantic Ocean	NW Atlantic	Antilles	marine sediment	bulk	NA	P	26.8	NA	-9.6	-60.35	13.03	NA	White and Dupre (1985)	Jeandel
GS7605-53 (1685m)	Atlantic Ocean	NW Atlantic	Antilles	marine sediment	bulk	NA	P	27.57	NA	-11.6	-59.37	12.55	NA	White and Dupre (1985)	Jeandel
RC16-168 (836m)	Atlantic Ocean	NW Atlantic	Antilles	marine sediment	bulk	NA	P	22.6	NA	-10.7	-48.4	3.4	NA	White and Dupre (1985)	Jeandel
RC16-44 (1639m)	Atlantic Ocean	NW Atlantic	Antilles	marine sediment	bulk	NA	P	29.3	NA	-13.3	-59.58	11.03	NA	White and Dupre (1985)	Jeandel
Bismarck New Britain	Pacific Ocean	SW Pacific	NA	rocks	bulk	NA	P	4.1	NA	8.3	150	-5	NA	Woodhead et al. (1998)	Jeandel
Witu Islands	Pacific Ocean	SW Pacific	Witu Islands	rocks	bulk	NA	P	15.67	NA	8.3	149.3	-5	NA	Woodhead et al. (1998)	Jeandel
EZ3	Africa	Algeria	In-Ezzane basalts	rocks	bulk	NA	P	39.43	0.513	7.28	10.83	23.17	NA	Yahiaoui et al. (2014)	Literature search
EZ4	Africa	Algeria	In-Ezzane basalts	rocks	bulk	NA	P	34.19	0.513	6.63	10.86	23.2	NA	Yahiaoui et al. (2014)	Literature search
EZ5-1	Africa	Algeria	In-Ezzane basalts	rocks	bulk	NA	P	39.43	0.513	7.2	10.86	23.09	NA	Yahiaoui et al. (2014)	Literature search

			In-Ezzane											Yahiaoui et	Literature
EZ5-2	Africa	Algeria	basalts	rocks	bulk	NA	P	31.85	0.513	7	10.85	23.09	NA	al. (2014)	search
			C. Kurile											Zhuravlev et	
135-81	Asia	Kamtchatka	(Simushir)	rocks	bulk	NA	P	10.76	NA	10.1	152	47	NA	al. (1987)	Jeandel
			N. Kurile											Zhuravlev et	
B-11-113/2	Asia	Kamtchatka	(Lovushki)	rocks	bulk	NA	P	5.22	NA	9.6	153.45	48.23	NA	al. (1987)	Jeandel
			N. Kurile												
			(Chirinkotan											Zhuravlev et	
B-11-527	Asia	Kamtchatka	)	rocks	bulk	NA	P	20.37	NA	7.3	153.29	48.59	NA	al. (1987)	Jeandel
			N. Kurile												
			(Alaid											Zhuravlev et	
B-11-575	Asia	Kamtchatka	volcano)	rocks	bulk	NA	P	18.18	NA	7.6	155.39	50.51	NA	al. (1987)	Jeandel
•			N. Kurile											Zhuravlev et	
B-11-72/5	Asia	Kamtchatka	(Beliankin)	rocks	bulk	NA	P	17.18	NA	7.7	154.08	49.56	NA	al. (1987)	Jeandel
														Zindler et al.	
														(1979) in	
Reykjanes														Revel et al.	Literature
Peninsula	Europe	Iceland	NA	rocks	bulk	NA	P	8	0.5131	7.9	-22.2	63.94	NA	(1996)	search