

THERA 2006
SAMPLE LOG
R/V AEGAE0

Sample Number	Sample type	Date	Time (UTC)	LAT	LON	Depth (m)	Length (cm)	Description
AEG-01-01-BC	Box Core	30-Apr-06	1010 36	21.580	25 33.137	402	51	Brown silty clayey sediment overlying gray well sorted silty tephra with small pumice <1 cm diameter; original thickness of box core = 51 cm, the sediments compressed to ~32 cm when subsamples were taken
AEG-01-01-BCa	core						32	
AEG-01-01-BCb	core						32	
AEG-01-01-BCc	core						32	
AEG-01-01-BC-B	grab							bulk sample of soupy tephra at base
AEG-01-02-BC	Box Core	30-Apr-06	1057 36	23.716	25 38.751	528	20.5	Top brownish coarse, pumice-bearing sediment overlying fine-grained grey silty tephra with well sorted pumic, xtal, lithic sand at base
AEG-01-02-BCa	core							
AEG-01-02-BCb	core							
AEG-01-02-BC-B	grab							bulk sample of silty tephra
AEG-01-03-BC	Box Core	30-Apr-06	1125 36	25.275	25 40.263	548	30	light brown clayey silty sediment with some shell fragments overlying massive gray, well sorted silty tephra
AEG-01-03-BCa	core						23.5	
AEG-01-03-BCb	core						23.5	
AEG-01-03-BC-B	grab							bulk sample of massive silty tephra
AEG-01-04-BC	Box Core	30-Apr-06	1145 36	26.132	25 38.881	510	21	light brown clayey silty sediment, overlying massive, grey, well-sorted silty tephra (<5 cm); very little penetration into the tephra layer
AEG-01-04-BCa	core						14.5	length after compression
AEG-01-04-BCb	core						14.5	length after compression
AEG-01-04-BC-B	grab							bulk sample of tephra at base

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AEG-01-05-BC	Box Core	30-Apr-06	1240 36	24.612	25 33.433	404	21	1) base: 6 cm well sorted lithic-rich sandy ash with pumice up to 2 cm; 2) middle: brown-grey fine grained silt 5.5 cm thick; 3) top: 4.5 cm brown, poorly sorted pumic rich lapilli with silt
AEG-01-05-BCa	core						19	
AEG-01-05-BCb	core						19	
AEG-01-05-BC-B ¹	grab							bulk sample unit 1
AEG-01-05-BC-B ²	grab							bulk sample unit 2
AEG-01-05-BC-B ³	grab							bulk sample unit 3
AEG-01-06-BC	Box Core	30-Apr-06	1310 36	24.819	25 33.160	375	20	1) base: ~2-3cm well sorted pumice and lithic lapilli with rounded pumice up to 2 cm; 2) middle: 12 cm brownish grey, massive well-sorted silty clay; 3) top: ~5 cm massive brownish grey (darker than unit 2), very poorly sorted pumice-rich lapilli; Note: on top of unit 2 is thin light grey to white crust 2-3 mm thick
AEG-01-06-BCa	core						18	
AEG-01-06-BCb	core						18	
AEG-01-06-BC-B ¹	grab							bulk sample of unit 1
AEG-01-06-BC-B ²	grab							bulk sample of unit 2
AEG-01-06-BC-B ³	grab							bulk sample of unit 3
AEG-01-06-BC-B ⁴	grab							bulk sample of crust on top of unit 2
AEG-01-07-BC	Box Core	30-Apr-06	1410 36	27.136	25 30.598	270	47	majority of sample lost when the box was removed-very fluid tephra; surface sediment of brown silty clay overlying very soupy well-sorted silty tephra; some biotite-bearing pumice found in washed sediment- could be from Kolumbo?; redo of box core; Note: could be a good site for gravity core

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AEG-01-07-BCa	core						19	
AEG-01-07-BCb	core						19	
AEG-01-07-BC-B ξ	grab							sample squeezing out from base before the core box was removed
AEG-01-08-BC	Box Core	30-Apr-06	1450	36 27.131	25 30.559	271	47	surface sediment of brown silty clay overlying very soupy well-sorted silty tephra (same as core AEG-01-07-BC)
AEG-01-08-BCa	core						41.5	
AEG-01-08-BCb	core						33	
AEG-01-08-BC-B ξ	grab							base sample of volcanic tephra
AEG-01-08-BC-B ξ	grab							top sample of brown clay
AEG-01-09-BC	Box Core	30-Apr-06	1540	36 29.840	25 34.112	359	22	1) base: 2 cm moderately sorted pumic-rich sandy ash, light grey to medium grey; 2) lower middle: 8 cm grey stratified silty-sandy ash with small white pumices less than 1 mm in diameter; 3) upper middle: 7 cm brown massive silty-clay; 4) top: 1.502 cm of silty-sandy pumice bearing ash; Note: Kolumbo ash fall?
AEG-01-09-BCa	core						22	
AEG-01-09-BCb	core						22	
AEG-01-09-BC-B ξ	grab							bulk sample of unit 4
AEG-01-09-BC-B ξ	grab							bulk sample of unit 1
AEG-01-09-BC-B ξ	grab							bulk sample of unit 2
AEG-01-10-BC	Box Core	30-Apr-06	1615	36 30.287	25 34.677	352	15	1) base: 4 cm grey moderately sorted, silty-sandy ash with pumice up to 0.5 cm in diameter; 2) 1.5 cm rusty red silty sandy ash; 3) 2 cm brown silty clay; 4) 0.5 cm brown silty sandy ash; 5) 4 cm massive brown silty-clay

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AEG-01-10-BCa	core						15	
AEG-01-10-BCb	core						14	
AEG-01-10-BC-B ξ	grab							bulk sample of unit 1
AEG-01-11-BC	Box Core	30-Apr-06	1645 36	30.281	25 34.705	353	24	24 cm of brown silty clay with some rounded pumice up to 2 cm
AEG-01-11-BCa	core						23.5	
AEG-01-11-BCb	core						23.5	
AEG-01-12-BC	Box Core	30-Apr-06	1725 36	34.240	25 36.537	255	10	10 cm brown massive silty-clay with rare white pumice up to ~5 cm in length (possibly from Kolumbo)
AEG-01-12-BCa	core						9	
AEG-01-12-BCb	core						9	
AEG-01-12-BC-B ξ	grab							bulk sample
AEG-01-13-BC	Box Core	1-May-06	545 36	23.600	25 12.980	384	31	1) base: 2cm sandy, med sorted, pumice bearing ash layer, not continuous, thins out (sampled); 2) 7cm brownish grey med sorted clayey silt with pockets of silty sand; 3) 6cm med-poorly sorted brown sandy ash with pumice to 2mm, discontinuous irregular contacts; 4) 3cm med-well sorted, brown clayey silt; top: reworked pumice up to 2cm (lithic 3cm)
AEG-01-13-BCa	core						30	
AEG-01-13-BCb	core						30	
AEG-01-13-BC-B ξ	grab							bulk sample from base layer

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Sample Number	Sample type	Date	Time (UTC)	LAT	LON	Depth (m)	Length (cm)	Description
AEG-01-14-BC	Box Core	1-May-06	635 36	23.502	25 7.667	487	24	1) base: 23cm brown, massive med to poorly sorted silty sand sediment with abundant clay - small patches (2-3cm) of sandy sediment, some carbonate, occasional pumices (0.5cm); surface has small reworked pumices and abundant teropods. No ash layer visible.
AEG-01-14-BCa	core						25	
AEG-01-14-BCb	core						23	
AEG-01-15-BC	Box Core	1-May-06	720 36	23.404	25 5.075	508	28	1) base: 2.5cm grey stratified, sandy ash with small pumice (2mm), discontinuous; 2) 25cm brown, massive, med sorted silty sandy clay with occasional pumice to 1.5cm with reworked pumice on surface. Note: bottom sandy ash is actually approx 2-3cm up from base
AEG-01-15-BCa	core						31	
AEG-01-15-BCb	core						28	
AEG-01-15-BC-B ⁵	grab							bulk sample from base layer
AEG-01-16-BC	Box Core	1-May-06	930 36	32.524	25 17.541	111	19	1) base: 14cm greenish grey, very poorly sorted silty sandy sediment with abundant coral fragments; 2) 2cm surface layer abundant brownish purple coral fragments, many shell fragments and carbonate tubes
AEG-01-16-BCa	core						17.5	
AEG-01-16-BCb	core						17	

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AEG-01-17-BC	Box Core	1-May-06	1100 36	26.686	25 17.725	160	23	1) base: 3cm moderately sorted white pumice lapilli, pumice up to 1.5cm in diameter, slightly rounded, abundant lithics; 2) 4cm grey poorly sorted sandy ash with some silt and clay; 3) 9cm very poorly sorted greenish reddish grey, coarse coral and sand with some pumice, coral pieces up to 2cm diameter; top: abundant coral fragments up to 3cm diameter, some small mollusk shells.
AEG-01-17-BCa	core						23	
AEG-01-17-BCb	core						23	
AEG-01-17-BC-B	grab							bulk sample of pumice layer at base of core
AEG-01-18-BC	Box Core	1-May-06	1220 36	33.022	25 22.556	330	25	1) base: 12cm normally graded, well sorted white pumice lapilli, pumices very angular; 2) 2cm discontinuous grey silty sandy ash; 3) 4.5cm brown poorly sorted sand with pumice; top: numerous small white pumices up to several mm in diameter. Lower unit is primarily fall deposit, either Minoan** or older Kolumbo?
AEG-01-18-BCa	core						20	
AEG-01-18-BCb	core						19	
AEG-01-18-BC-B	grab							bulk sample of pumice lapilli layer
AEG-01-19-BC	Box Core	1-May-06	1250 36	32.233	25 23.524	340	33	1) base: 21cm of normally graded very well sorted white pumice lapilli with angular pumices, probably Minoan fall layer; 2) brown, soupy, poorly sorted, clayey sand and silt with big crab shell fragment; common rey pumices in fall layer
AEG-01-19-BCa	core						28	
AEG-01-19-BCb	core						28	

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AEG-01-19-BC-B^sgrab								bulk sample of lower pumice
AEG-01-20-BC	Box Core	1-May-06	1310	36 32.968	25 25.824	396	42	1) base: 12cm very well-sorted grey uniform silty ash, very soupy; 2) 2-3cm sandy slightly stratified grey ash; 3) 13cm brown medium to well-sorted silty clay
AEG-01-20-BCa	core						35	
AEG-01-20-BCb	core						35	
AEG-01-20-BC-B ^s grab								bulk sample of base laver
AEG-01-20-BC-B^sgrab								bulk sample of mid laver
AEG-01-21-BC	Box Core	1-May-06	1340	36 31.886	25 26.673	333	23	1) 12cm normally graded very well sorted pumice lapilli up to 2cm diameter; 2) 10cm brown very poorly sorted pumice with a clayey silty matrix, common grey pumices present
AEG-01-21-BCa	core						20	
AEG-01-21-BCb	core						21	
AEG-01-21-BC-B ^s grab								bulk sample from base laver
AEG-01-21-BC-B^sgrab								largest pumice from the section
AEG-01-22-BC	Box Core	1-May-06	1500	36 38.032	25 31.877	458	25	1) base: 4cm grey well-sorted sandy ash; 2) 9cm very well sorted dark grey silty ash, bioturbated; 3) 1 cm rusty orange, very well sorted clayey silt; 4) lower 8cm brown massive silty clay with some bioturbation
AEG-01-22-BCa	core						23	
AEG-01-22-BCb	core						23	
AEG-01-22-BC-B ^s grab								bulk sample unit 1
AEG-01-22-BC-B^sgrab								bulk sample unit 2
AEG-01-23-BC	Box Core	1-May-06	1530	36 37.448	25 33.416	465	37	1) base: 27cm dark grey very well sorted silty ash, very soupy; 2) 10cm brown well sorted clayey sediment
AEG-01-23-BCa	core						20	
AEG-01-23-BCb	core						16	
AEG-01-23-BC-B ^s grab								bulk sample of unit 1

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AEG-01-24-BC	Box core	1-May-06	1600 36	31.995	25 31.666	347	42	1) Base: 30cm massive, normally graded, dark grey, sandy silty ash, upper part is soupy, some bioturbation; 2) 8cm brownish, well sorted, silty clay, slightly mottled.
AEG-01-24-BCa	core						37	
AEG-01-24-BCb	core						37	
AEG-01-24-BC-B ₁	grab							bulk sample unit 1, lower portion
AEG-01-24-BC-B ₂	grab							bulk sample unit 1, upper portion
AEG-01-25-BC	Box core	1-May-06	1640 36	30.297	25 30.535	319	19	1) 15cm grey, normally graded, sandy lapilli-bearing ash with pumices up to 1cm; 2) Surface: 2cm brownish, slightly sandy silty clayey (OMG), poorly sorted; large pumices on surface (5cm) which are fairly dense
AEG-01-25-BCa	core						18.5	
AEG-01-25-BCb	core						18.5	
AEG-01-25-BC-B ₁	grab							large pumice from outside of box core
AEG-01-25-BC-B ₂	grab							large pumice from unit 2
AEG-01-25-BC-B ₃	grab							bulk sample of unit 1
AEG-01-25-BC-B ₄	grab							bulk sample of unit 2
AEG-01-26-BC	Box core	3-May-06	1300 36	16.410	25 19.448	548	27	1) 2cm dark grey sandy ash, probably reworked; 2) 6cm brown clayey silt with some reworked ash; 3) 15cm massive brown silty clay
AEG-01-26-BCa	core						25.5	
AEG-01-26-BCb	core						26	
AEG-01-26-BC-B ₁	grab							bulk sample of unit 1

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AEG-01-27-BC	Box core	3-May-06	1430 36	14.497	25 20.541	670	21	1) Base: 2-3cm very well sorted dark grey to black lithic rich coarse sand with some rounded pumices; 2) 19cm massive, mod to well sorted; Top: brown silty clay
AEG-01-27-BCa	core						24	
AEG-01-27-BCb	core						22	
AEG-01-27-BC-B	grab							bulk sample of unit 1
AEG-01-28-BC	Box core	3-May-06	1445 36	19.066	25 25.645	42	14	1) Base: 12cm mod sorted, dark grey to black, coarse sand with small pumice lapilli up to 5mm; 2) ~0.5-1cm of rounded pumice with abundant biogenic fragments, carbonate tubes, shells, seaweed, crabs, sponge with spicules and a partridge in a pear tree
AEG-01-28-BCa	core						16	
AEG-01-28-BCb	core						17.5	
AEG-01-28-BC-B	grab							bulk sample of unit 1
AEG-01-29-BC	Box core	3-May-06	1515 36	17.227	25 28.742	285	23	1) Base: 2cm poorly sorted, coarse sandy ash and pumice; 2) 19cm massive, sandy silty clay, slightly mottled; 3) discontinuous layer of small pumices (0.5cm)
AEG-01-29-BCa	core						25	
AEG-01-29-BCb	core						20	
AEG-01-29-BC-B	grab							bulk sample of unit 1
AEG-01-30-BC	Box core	3-May-06	1545 36	17.911	25 30.387	305	39	1) Base: 2cm fine grained, grey, poorly sorted silty ash; 2) 8cm massive, brown, silty clay with scattered pumices to 0.5cm; 3) 2cm coarse sand and lapilli, discontinuous; 4) 20cm massive, brownish grey, very poorly sorted clayey silt with abundant pumice to 1cm

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AEG-01-30-BCa	core							
AEG-01-30-BCb	core							
AEG-01-31-BC	Box core	4-May-06	0750	36 27.002	25 24.236	312	23	1) base: 4cm brownish red very poorly sorted, coarse sand and lapilli, very rounded, pumices up to 2cm; 2) 13cm dark brown med to poorly sorted clay sandy silt with abundant lithics up to 1cm; 3) top: 1cm scattered rounded pumices (3cm) and fragments of red iron-manganese crust to 3mm thick
AEG-01-31-BCa	core						21	
AEG-01-31-BCb	core						23	
AEG-01-31-BC-B ⁵ grab								Unit 1 (base)
AEG-01-31-BC-B ⁶ grab								Unit 3 (top)
AEG-01-32-BC	Box core	4-May-06	0840	36 26.468	25 22.173	376	37	1) base: 33cm massive, med to well sorted clayey silt with occasional whole pumice (0-25cm); 2) 3-4cm soupy med to well sorted silty clay, brown
AEG-01-32-BCa	core						36	
AEG-01-32-BCb	core						37.5	
AEG-01-32-BC-B ⁵ grab								Unit 1
AEG-01-32-BC-B ⁶ grab								Surface

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AEG-01-33-BC	Box core	4-May-06	0940	36 23.252	25 23.296	187	30	1) base: 8cm moderately well sorted light colored scoracious lapilli, overall color brownish red, clasts up to 3cm; 2) 8cm moderately to well sorted sandy silt, some grey patches, slightly mottled and bioturbated; top: discontinuous layer of black sandy ash. Water that is flushing out of core is reddish/rusty in color. Some pumices are light in color - siliceous. Base layer looks like ground beef taco meat.
AEG-01-33-BCa	core						29	
AEG-01-33-BCb	core						29	
AEG-01-33-BC-B	grab							Base layer
AEG-01-34-GC	Gravity core	4-May-06	1023	36 23.147	25 24.984	291	163	
AEG-01-34-GC	grav core						163	
AEG-01-34-GC-B	grab							Pumice trapped in core catcher
AEG-01-35-GC	Gravity core	4-May-06	1045	36 22.526	25 24.476	291	87	Reddish sandy ash at top, pumice in core catcher
AEG-01-35-GC	grav core						87cm	Core barrel 3m
AEG-01-35-GC-B	grab							Sample of core catcher with light pumice up to 1cm diameter
AEG-01-36-GC	Gravity core	4-May-06	1108	36 22.823	25 22.430	292	72+10	Bottom 10cm of core came out as core extra cutter/catcher was removed, sample bagged as bulk sample (light grey silty mud)
AEG-01-36-GC	grav core						72	Core barrel 3m
AEG-01-36-GC-B	grab							Lower 10cm of core

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AEG-01-37-GC	Gravity cor	4-May-06	1120 36	23.977	25 21.105	320	47	Fine grey silt in core catcher, very small amount. Short core transferred to another section of liner to preserve liner section. Will repeat this site. Core likely to be disturbed.
AEG-01-37-GC	grav core							
AEG-01-38-GC	Gravity cor	4-May-06	1152 36	23.933	25 21.139	320	31	Brown silty sand on top
AEG-01-38-GC	grav core						31	3m core barrel
AEG-01-39-GC	Gravity cor	4-May-06	1227 36	25.719	25 22.239	384	15	~15cm of brown silty sediment with large pumice at the base, sample placed in bulk
AEG-01-39-GC-B	grab							Bulk sample from base placed in bag (this is the entire core)
AEG-01-40-GC	Gravity cor	4-May-06	1250 36	25.902	25 23.082	384	54	On surface, pumice about 2.5-3cm in diameter
AEG-01-40-GC	grav core						54	Core barrel 3m
AEG-01-41-GC	Gravity cor	4-May-06	1330 36	26.140	25 23.783	383	5-10	5-10cm of material, very coarse greenish grey angular pumice, pumices up to 4cm in diameter
AEG-01-41-GC-BS1								Entirety of recovered core
AEG-01-42-GC	Gravity cor	4-May-06	1432 36	26.737	25 23.202	385	15	Small section of sediment transferred to short section of core liner
AEG-01-42-GC	grav core						15	3m core barrel
AEG-01-43-GC	Gravity cor	4-May-06	1500 36	26.318	25 22.771	385	175	
AEG-01-43-GC	grav core						175	3m core barrel; for HCMR
AEG-01-43-GC-B	grab							Sample from core catcher; for HCMR
AEG-01-44-GC	Gravity cor	4-May-06	1515 36	26.358	25 22.767	385	207	
AEG-01-44-GC	grav core						207	3m core barrel
AEG-01-44-GC-B	grab							From core catcher
AEG-01-45-GC	Gravity cor	4-May-06	1600 36	23.168	25 25.007	292	122	Same as 34-GC
AEG-01-45-GC	grav core						122	3m core barrel
AEG-01-46-GC	Gravity cor	4-May-06	1630 36	24.053	25 21.237	321	41	

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AEG-01-46-GC	grav core						41	3m core barrel
AEG-01-47-D	Dredge	5-May-06	0540	36 24.755	25 24.972			Mixture of angular basalt fragments up to 40 cm and light gray/green pumices (up to 6 cm in diameter)
				36 24.806	25 24.941		75	
AEG-01-47a-D	dredge							basalt fragment
AEG-01-47b-D	dredge							basalt fragment
AEG-01-47c-D	dredge							basalt fragment
AEG-01-47d-D	dredge							bulk sample of pumice fragments
AEG-01-48-D	Dredge	5-May-06	0625	36 24.524	25 21.970		255	Dredge was 3/4 full with brown silty mud and scattered pumice. The mud was dumped on deck and a core was taken through the mud. The stratigraphic orientation was preserved to some extent
				36 24.57	25 22.18		239	
AEG-01-48-D	dredge core							core length = 36 cm
AEG-01-49-D	Dredge	5-May-06	0740	36 23.008	25 21.703		46	mixture of pumice fragments up to ~45 cm, breadcrusted and dense (1 piece -sample) dark grey/grey in color with mixed grey/green pumice to 10 cm; abundant corals and coral fragments, orange sponge
				36 23.065	25 21.725		92	
AEG-01-49a-D	dredge							general pieces and large sample
AEG-01-49b-D	dredge							grey/green pumice
AEG-01-49c-D	dredge							pumice

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AEG-01-50-BC	Box core	5-May-06	0935 36	18.148	25 32.324	355	27.5	1) 10 cm moderately well-sorted grey sandy lapilli, small pumices ~0.5 cm in diameter; 2) 10 cm brownish grey, v. poorly sorted pumice lapilli with clay and silt- massive; 3) 3 cm moderately well sorted, brownish grey pumice lapilli; 4) 2 cm grey very well sorted silty ash; 5) top: brown silty clay; Note: lower unit has small white shell fragments up to 2 mm
AEG-01-50a-BC	core						27.5 cm	
AEG-01-50b-BC	core						24.5 cm	
AEG-01-50-BC-B ₅	grab							bulk from base (unit 1)
AEG-01-51-BC	Box core	5-May-06	1130 36	21.267	25 30.380	88	13	13 cm grey, very well sorted silty fine sand with abundant small pumices; surface is covered with small carbonate tubes and one crab!
AEG-01-51a-BC	core						15	
AEG-01-51b-BC	core						16	
AEG-01-52-BC	Box core	5-May-06	1300 36	29.447	25 31.556	341	40	1) base: 25 cm of very well sorted grey silty ash, very soupy with some angular pumices up to 1 cm in diameter; 2) 2 cm rusty orange indurated clay; 3) top: 10 cm brown well-sorted silty sandy clay
AEG-01-52a-BC	core						37	
AEG-01-52b-BC	core						31	
AEG-01-52-BC-B ₅	grab							bulk from base (unit 1)
AEG-01-53-BC	Box core	5-May-06	1330 36	33.302	25 31.862	381	45	1) base: 20 cm very well sorted uniform grey silty ash; 2) top: 7 cm brown well sorted silty-clay; Note: when cores were pushed in, significant sediment compression occurred
AEG-01-53a-BC	core						32	

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Sample Number	Sample type	Date	Time (UTC)	LAT	LON	Depth (m)	Length (cm)	Description
AEG-01-53b-BC	core						29	
AEG-01-53-BC-B	grab							bulk unit 1 (base)
AEG-01-54-BC	Box core	5-May-06	1420 36	33.814	25 30.992	400	29	1) Base: 10 cm massive grey, very well-sorted silty ash, irregular top; 2) 9 cm brown massive clayey silt, mottled mixture of grey and brown; 3) top: 7 cm massive orange-brown clay
AEG-01-54a-BC	core						25	
AEG-01-54b-BC	core						25	
AEG-01-54-BC-B	grab							bulk unit 1 (base)
AEG-01-55-BC	Box core	5-May-06	1520 36	32.260	25 28.059	262	45	1) base: 27 cm massive, grey very well sorted silty ash; 2) top: 3 cm brown clayey abundant small white pumices (probably from Kolumbo)
AEG-01-55a-BC	core						39	
AEG-01-55b-BC	core						38	
AEG-01-55-BC-B	grab							bulk sample unit 2 (surface)
AEG-01-55-BC-B	grab							bulk unit 1 (base)
AEG-01-56-BC	Box core	5-May-06	1550 36	30.335	25 29.846	277	10	10 cm of white pumice lapilli and lithics, pumices up to 3-4 cm in diameter with coating of quite thin brown sediment on top (Kolumbo pumice deposit); Note: many of the pumices are very rounded by others are angular)
AEG-01-56a-BC	core						11	
AEG-01-56b-BC	core						11	
AEG-01-56-BC-B	grab							bulk sample

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Sample Number	Sample type	Date	Time (UTC)	LAT	LON	Depth (m)	Length (cm)	Description
AEG-01-57-BC	Box core	5-May-06	1620	36 29.293	25 27.588	297	57	1) Base: grey silty well sorted ash, somewhere in this unit there is a 3.4 cm layer of sandy pumice moderately sorted; 2) top: 5 cm of brown massive silty clay; Note: Box core sediment collapsed when the container was removed
AEG-01-57a-BC	core						36	
AEG-01-57b-BC	core						34	
AEG-01-57-BC-B	grab							bulk sample unit 1: silty
AEG-01-57-BC-B	grab							bulk sample unit 1: sandy mid-layer
AEG-01-58-BC	Box core	6-May-06	0550	36 34.633	25 32.862	365	22	1) base: 6cm well sorted sandy vitric ash medium light grey normally graded to very fine grained silty ash light grey with abundant pumices to 2mm; 2) 9cm brown silty clayey massive sediment with scattered pumice
AEG-01-58a-BC	core						17.5	
AEG-01-58b-BC	core						19.5	
AEG-01-58-BC-B	grab							bulk sample of unit 1
AEG-01-59-GC	Gravity cor	6-May-06	0705	36 35.007	25 33.695	458	8	8cm of brown silty clay recovered from core catcher
AEG-01-59-GC-B	grab							
AEG-01-60-GC	Gravity cor	6-May-06	0735	36 37.445	25 33.380	465	19	light grey angular pumice fragments to 3cm, hornblende bearing, remains of core catcher
AEG-01-60a-GC	core						19	
AEG-01-60-GC-B	grab							bulk sample of core catcher
AEG-01-61-GC	Gravity cor	6-May-06	0825	36 32.985	25 32.670	346	65	
AEG-01-61a-GC	core	6-May-06	36		25		65	

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Sample Number	Sample type	Date	Time (UTC)	LAT	LON	Depth (m)	Length (cm)	Description
AEG-01-62-ROV	ROV grab	6-May-06	1210 36	30.701	36.511683 25 29.364 25.489400	165		1 dense white pumice, 18cm in length, with small number of biological organisms encrusting the surface, brownish stain on surface. NOTE dive #2
AEG-01-62-ROV grab								
AEG-01-63-ROV	ROV grab	6-May-06	1210 36	30.733	36.512217 25 29.387 25.489783	160		1 large pumice 130cm diameter, dense with brown stain, purple reddish stain, several biological organisms. NOTE dive #2
AEG-01-63-ROV grab								
AEG-01-64-ROV	ROV grab	6-May-06	1210 36	30.733	36.512217 25 29.387 25.489783	160		1 large dense pumice with ribs, looks like part of larger breadcrumb bomb, with brownish reddish stains and biological organisms encrusting. NOTE dive #2
AEG-01-64-ROV grab								
AEG-01-65-ROV	ROV grab	6-May-06	1210 36	31.940	36.532333 25 28.929 25.482150	237		NOTE dive #3
AEG-01-65-ROV grab								
AEG-01-66-BC	Box core	6-May-06	1815 36	31.367	36.522783 25 29.318 25.488633	502	~70	dark brown, very fine grained, soupy clayey sediment with a coarse grained layer at the base. Sediment collapsed when box core was removed
AEG-01-66a-BC core							66	
AEG-01-66ac-BC core							66	
AEG-01-67-GC	Gravity cor	7-May-06	0535 35	57.487	25 14.165	1860	0	Brownish grey silty clayey sediment with rounded pumices
AEG-01-67-GC-B grab								
AEG-01-68-GC	Gravity cor	7-May-06	0620 35	57.455	25 14.105	1860	0	Brown silty clayey sediment with rounded and angular pumices to 1 cm in diameter. Core catcher only.

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Sample Number	Sample type	Date	Time (UTC)	LAT	LON	Depth (m)	Length (cm)	Description
AEG-01-68-GC-BS1								Core catcher sample
AEG-01-69-BC	Box core	7-May-06	0725 35	57.594	25 14.061	1860	0	Very poor recovery. Brown silty clayey sediment moderately sorted with abundant very small pumices.
AEG-01-69-BC-B ⁵ grab								
AEG-01-70-BC	Box core	7-May-06	0825 35	57.478	25 14.125	1862	23	1) base: 2cm brown well-sorted silty, feels like ash; 2) 2cm grey, discontinuou, well sorted silty ash mixed with patche of clay; 3) 6cm brown very well sorted silty clay; 4) 3cm grey very well sorted silty sandy vitric ash; 5) top: 10cm brown well sorted silty clay
AEG-01-70a-BC	core						29	
AEG-01-70b-BC	core						28	
AEG-01-70-BC-B ⁵ grab								Unit 1?
AEG-01-70-BC-B ⁵ grab								Unit 4: grey vitric ash?
AEG-01-71-BC	Box core	7-May-06	1122 36	19.906	25 10.690	486	38	28cm light brown massive silty clay with common sand-sized grains. At base, pumice up to 1.5cm in diameter.
AEG-01-71a-BC	core						32	
AEG-01-71b-BC	core						32	
AEG-01-71-BC-B ⁵ grab								From base
AEG-01-72-BC	Box core	7-May-06	1213 36	20.701	25 17.051	410	22	1) Base: 4cm dark grey moderately sorted coarse sandy ash with abundant lithics and pumices up to 0.5cm in diameter; 2) 6cm brown massive ilty sandy clay; 3.5cm very poorly sorted angular pumice and silt; 4) 9cm massive brown silty clay.
AEG-01-72a-BC	core						23	
AEG-01-72b-BC	core						22	

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Sample Number	Sample type	Date	Time (UTC)	LAT	LON	Depth (m)	Length (cm)	Description
AEG-01-72-BC-B ξ grab								bulk sample from unit 1 (base)
AEG-01-72-BC-B ξ grab								bulk sample from unit 3
AEG-01-73-BC	Box core	7-May-06	1320 36	26.775	25 15.717	216	17	1) base: 3cm of light grey angular pumice lapilli, pumices up to 1cm in diameter, fairly abundant lithics; 2) 4cm brown clayey silty sand, 3cm very poorly sorted mixture of pumices and silty clay; 3) 4cm brown massive very poorly sorted clayey ilt with common small pumices up to 0.5cm diameter
AEG-01-73a-BC	core						17	
AEG-01-73b-BC	core						17	
AEG-01-73-BC-B ξ grab								bulk sample from unit 1 (base)
AEG-01-73-BC-B ξ grab								bulk sample from unit 3