

① Hole 1480 A

[illegible]

Date	Time	Site	Core	Section	Demag Step	Comments	User
9/18/2016	NRM	U1480B	1H	4W	25-27	354.3 / 67.3	11.23
				4W	60-62	27.2 / 66.6	11.11
					79-81	26.4 / 79.9	12.52
					110-112	63.1 / 47.5	7.09
					131-133	73.6 / 52.4	8.78
					141-143	72.7 / 58.7	11.69
	5mT				25-27	36.2 / 11.3	3.081
					60-62	47.4 / 10.8	4.808
					79-81	64.9 / 49.1	1.638
					110-112	67.4 / 11.2	3.423
					131-133	90.2 / 20.4	4.21
					141-143	93.1 / 23.8	4.297
	10mT				25-27	36.4 / 17.5	2.306
					60-62	46.0 / 28.9	3.870
					79-81	189.9 / 85.0	1.277
					110-112	71.0 / 32.0	2.793
					131-133	109.3 / 53.3	3.734
					141-143	114.4 / 40.1	3.992

D/Z (Geo.)

Intensity 10^{-8}
A/m $\times 10^3 (A/m)$

D/Z (Geo.)

Intensity 10-3
A/m

Date	Time	Site	Core	Section	Demag Step	Comments	User
9/18/2016		U1480B	1H	4W	25-27	35.3/18.6	1.984
	15mT				60-62	45.6/32.4	3.425
					79-81	146.5/75.1	1.209
					110-112	71.5/30.4	2.389
					131-133	112.1/48.8	3.319
					141-143	122.2/41.9	3.618
	20mT		1H	4W	25-27	26.8/32.1	1.726
					60-62	45.9/34.6	2.888
					79-81	164.9/75.4	1.156
					110-112	72.8/31.2	1.996
					131-133	120.1/55.4	2.936
					141-143	130.7/40.8	3.238
	25mT		1H	4W	25-27	28.6/29.0	1.492
					60-62	48.9/34.2	2.357
					79-81	185.2/64.3	1.135
					110-112	71.2/36.3	1.688
					131-133	124.4/50.9	2.521
					141-143	133.8/38.1	2.864

D/1 (Gen.)

Intensity, μs
A/m

Date	Time	Site	Core	Section	Demag Step	Comments	User
9/18/2016		U1480B	1H	4W	25-27	27.5 / 33.3	1.132
	30mT				60-62	45.9 / 42.1	1.860
					79-81	204.7 / 58.2	1.129
					110-112	71.6 / 42.5	1.368
					131-133	132.1 / 52.1	2.159
					141-143	137.6 / 39.0	2.471
	40mT		1H	4W	25-27	18.8 / 60.8	0.904
					60-62	48.8 / 62.4	1.239
					79-81	209.1 / 52.6	1.194
					110-112	73.4 / 44.8	0.919
					131-133	150.4 / 55.6	1.638
					141-143	157.7 / 41.8	2.198
	60mT		1H	4W	25-27	258.3 / 80.8	0.808
					60-62	69.2 / 80.2	0.837
					79-81	220.1 / 51.7	1.120
					110-112	85.1 / 79.3	0.521
					131-133	188.4 / 51.0	1.087
					141-143	167.2 / 37.5	1.741

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SRM LOG SHEET-EXP 362

D/I (Geo.)

Intensifying 10⁻³
A1h

Date	Time	Site	Core	Section	Demag Step	Comments	User
9/18/2016		UK480B	1H	4W	25-27	261.8/82.5	0.928
	80mT				60-62	221.2/79.8	0.813
					79-81	211.5/54.8	1.047
					110-112	272.6/54.7	0.461
					131-133	212.4/42.3	0.859
					141-143	187.7/43.8	1.331
	100mT		1H	4W	25-27	265.0/87.8	0.992
					60-62	244.6/64.4	0.793
					79-81	228.3/61.0	0.972
					110-112	266.2/55.8	0.418
					131-133	213.4/64.0	0.680
					141-143	205.5/43.3	1.182
	120mT		1H	4W	79-81	224.5/79.2	1.062
					141-143	216.1/58.9	1.340

⑤

Hole 1480 C

key old?

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Date	Time	Site	Core	Section	Demag Step	Comments	User
8/13/16	22:42	U1480E	1H	1A	NRM, 5mT 15, 25, 35	NRM: $I=50$, $D \sim 2150$ Flux $\sim 1, 0, 1$ $I_{int} = 10 \times E^{-3}$ 25mT: $I=5$, $D \sim 150$ $I_{int} = 5 \times E^{-3}$	
	23:09	~	1H	2A	~	21-28cm 100-109cm majority core shows drilling deformation 46-66cm lithology change	
	23:30	~	1H	3A	150cm		
8/14/2016	0:05	U1480E	1H	4A	NRM, 5, 15 25, 35 mT	NRM: $I=50$, $D \sim 150^\circ$ $I_{int} = 15 \sim 20 E^{-3}$ 5mT: $I=0$, $D \sim 150^\circ$	
	0:42	~	1H	5A	~		
	-	~	1H	6A	~	@35mT Flux: $x=0$ $y=0$ $z=1$	
8/14/2016	1:57	~	2H	1A	~		
		~	2H	2A	~	@NRM: Flux: $x=1$ $y=0$ $z=1$ $D \sim 180^\circ$ no change for all steps	
	3:30	U1480E	2H	3A	~	@NRM: Flux: $x=1$ $y=0$ $z=1$ $D \sim 200^\circ$ no significant change in D for all steps	
	4:00	~	2H	4A	~	@NRM: Flux $x=1$ $y=0$ $z=1$ no change in D @5mT: $x=1$ $y=1$ $z=1$ for all steps	
	4:29	~	2H	5A	~	@NRM: flux $x=1$ $y=0$ $z=1$ $I \sim 150$ $D \sim 300^\circ$ @5mT $I=25^\circ$ $D \sim 200^\circ$ no change in D for all steps	
	4:56	~	2H	6A	~	@NRM flux $x=1$ $y=0$ $z=1$ $I: 25 \sim 50$ $D \sim 300^\circ$	
	6:00	~	2H	7A	~		
	6:30	~	3H	1A	~	@NRM flux $x=0$ $y=0$ $z=1$	
	8:10	~	3H	2A	~	@NRM flux $x=0$ $y=0$, $z=1$ $I \sim 90$ $D \sim 100^\circ$ except 55-85cm (D: $\sim 300^\circ$)	
	8:43	~	3H	3A	~	@5mT, $I \sim 0^\circ$ no change @NRM, flux $x=0$, $y=0$, $z=1$ $D \sim 100$ except 85-80 (D: $\sim 300^\circ$) @5mT $D \sim 100$ except 85-80 (D: ~ 100 except 85-80, 90-130) $D \sim 300^\circ$	
	9:13	~	3H	4A	~	@NRM flux $x=0$, $y=0$, $z=1$ $I \sim 100$ $D \sim 200^\circ$ @5mT $I \sim 100$ (end) $D \sim 100$ $I: 0 \rightarrow 60 \rightarrow 0^\circ$	
8/14/16	11:00	~	3H	5A	~	@35mT 10 ~ end of the core $D \sim 300^\circ$	
	11:33	~	3H	6A	~		
	11:58	~	3H	7A	~	@NRM $I \sim 90^\circ$ $D \sim 300^\circ$ @5mT: $I \sim 25^\circ \sim 20^\circ$ @15mT: $I \sim 0$ $D \sim 300^\circ$	

Date	Time	Site	Core	Section	Demag Step	Comments	User
Aug. 14	12:17	U1480E	4H	1A	NRM: 2 = -90° D = ~200° -25-35mT	NRM: 2 = -90° D = ~200° @ 5mT: 2 = ~50° D = ~200°	XZ
	13:00	-	-	2A	✓	uniform D/I, sedi. Strong intensity @ 80 cm = Vol. sand?	
	13:27	-	-	3A	-	70 cm along section D = 200 throughout	@ core end D = 0 Int = 0
→ start sand	13:48	-	-	4A	-	115 cm Soupy Sand relative uniform intensity (uniform D + I)	not show Faraday effect
	14:18	-	5H	1A	-	150 cm Soupy Sand rel. uniform RM until 35 mT	NO flux dips
	14:44	-	-	2A	-	145 cm long soupy sand Locally 30 mT Dips	3 cm long very good I - sleeper
	15:11	-	-	3A	-	D = 300 NO fluxing	
	15:36	-	-	4A	-	124.5 cm long soupy SS NO fluxing	Inc: 100 -25 NRM + +50 35 mT
	16:00	-	-	5A	-	soupy sand uniform D = 300	
	16:24	-	-	6A	-	125 cm soupy sand uniform D = 300	
	16:56	-	-	7A	-	soupy sand D = 300	
	17:16	-	6H	1A	-	Semi-dry sand NRM: I = 90°	OK for Pump Sampling
	17:45	-	-	2A	-	151 cm grey sand. OK for sampling	
	18:13	-	-	3A	-	122 cm grey sand. OK for 20-40 cm R 7 Pump Sampling	
	18:52	-	-	4A	-	Grey sand. NRM: I = 25, D = 300 35 mT D = 300, I = 50	
	19:27	-	-	5A	-	More watery sand @ 90 cm D = 0 but I = 300!	tendency of increasing D + I
	19:51	-	-	6A	-	101 cm soupy sand muddy but I = 300 as D + I	
	20:12	-	-	7A	-	59 cm long I start no uniform D = 300, increases as mT ↑	
	20:31	-	7H	1A	-	uniform D = 300. I ↑ as mT ↑	
	20:52	-	-	2A	-		

(F)

Date	Time	Site	Core	Section	Demag Step	Comments	User
8/14/16	21:26	U1480E	7H	3A	NRM, 5 15, 25, 35m		
	21:52	-	-	4A	-	NRM D=300, I=40 25m T _D =~1300, I=90 Z comp increase ↑	
	22:15	-	-	5A	-	Wet sand core NRM, X, Y, Z D=300, I=40 35m T _D =~1300, I=90 Z=70	
	22:43	-	-	6A	-	Wet grey sand core	
	23:08	1480E	8H	1A	-	109 cm grey sand	
	23:29	-	-	CC	-	51 cm CC	
8/15/16	01:58	U1480E	9H	1A	NRM-5, -15 -25-35m	@15m T, 10~35 cm D: 300°, other: D: 700° section length 96cm	
	02:27	"	"	2A	"		
	02:55	"	"	3A	"		
	03:26	"	"	4A	"		
	03:59	"	"	5A	"		
	04:53	"	"	6A	"		
	05:27	"	"	7A	"		
	6:08	U1480E	10H	1A	"	NRM: I=~90° D=~300° Almost no change in D for all steps	
→ end of sand	6:39	U1480E	10H	2A	"	NRM: I=~30-90° D=~300° @35m T, I=D~30° D=~300°	no changes in D
	7:04	U1480E	10H	3A	"	@NRM: I=~90° D=~350° @5m T: I=0~25° D=~350°	no changes in D
	7:30	U1480E	10H	4A	"	@NRM: I=~90° D=~350°	
	7:57	U1480E	10H	5A	"	21-22, 5K-55 cm cracks	
	8:50	U1480E	10H	6A	"	@NRM: I=90 @5m T: I=90, (70-90 cm, I=~0°) D	
			10H	7A	"	@15m T: Intensity: 177E-6	

@NRM: I=~90° D=~0° Intensity 22E-6
 @5m T: I=~90° D=~300° Intensity ~E-6

Date	Time	Site	Core	Section	Demag Step	Comments	User
Aug. 15	9:29	U1480F	11H	1A	NRM-5-15 -25-35	① NRM: $Z \sim 50^\circ$ $D \sim 210^\circ$ ② SMT: $Z \sim 10^\circ$ $D \sim 210^\circ$	no significant changes in D
	9:57	"	11H	2A	"	① NRM: $Z \sim 20^\circ$ $D \sim 210^\circ$ ② SMT: $Z \sim 0^\circ$ $D \sim 210^\circ$	core length: 130cm
	10:24	"	11H	3A	"	① NRM: $Z \sim 50^\circ$ $D \sim 210^\circ$ ② SMT: $Z \sim 0^\circ$ $D \sim 210^\circ$	
	10:50	"	11H	4A	"	① NRM: $Z \sim 90^\circ$ $D \sim 210^\circ$ (80-115cm, $\sim 40^\circ$) ② SMT: $Z \sim 90^\circ$ $D \sim 210^\circ$ (80-115cm, $\sim 40^\circ$) 20-120cm	
	11:22					Redo BKG RD	
	11:37		11H	5A	-		
	12:09	"	11H	6A	"		
	12:29	-	-	7A	-	$D = 300$, $I = 90^\circ$ - shock 35mT Nice jump below	
	13:00	-	12H	1A	-	↓	
	13:36	-	-	2A	-	Very uniform $D \sim 300$ Good core The previously getting shallower & weaker filtering	
	14:00	-	-	3A	-	72-80cm Deformation: → $D = 200$, rest $D = 300$	
	14:32	-	-	4A	-		
	14:59	-	-	5A	-		
	15:36	-	-	6A	-	101cm	
	16:04	-	-	7A	-	Uniform $I = 90^\circ$, $D = 0$ NRM $I = 70^\circ$ $D = 30-30-25^\circ$ T	
→ Sand	16:32	U1480F	21H	1A	NRM-35 150cm	After all same polarity	
	16:58	-	-	2A			
	17:27	-	-	3A		Soapy mud. W/ core w/ bubble. + NRM-25m $D = 200$, $I = 90-50^\circ$ (A-burr) 35mT $D = 360$ $I = 25-40^\circ$	
	18:05	-	-	4A		Woke apart on belt soapy core	
	18:55	-	-	5A		Soapy core Bill Mills helped slip probe w/ to motor due to heavy core	

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Date	Time	Site	Core	Section	Demag Step	Comments	User
8/15/16	19:39	U1480F	2H	6A	NRM, 5 15, 25, 35	D=300 I=90+50 (NRM ~ 25mT)	
	20:10	progrm	stuck	in "Core, segun pro"	Got out 7 drl + A/I + Pcl		
		quit lab	Re-meem	BKGRD in 20mT			
	20:18	U1480F	2H	7A	NRM, 5 10, 15, 20mT		
	20:37	-	3H	1A	-	Soupy core	
	21:13	-	-	2A	-	Soupy + heavy core D=300, I-	
	21:47	-	-	3A	-	less soupy 50-120 Re D=150	
	22:19	-	-	4A	-	NRM: I=90, D=150 20mT I=25 D=150	
	22:45	-	-	5A	-	80-140 cm: D=300 0-80 D=150	
	23:15	-	-	6A	-	Long soupy core	
	23:45	"	"	7A	"	@NRM: I=50 ~ 70° D=~300	
Sand	8/16/16	0:04	"	4H	1A	"	
Sand		0:31	"	4H	2A	"	
Sand			"	4H	3A	"	
Sand		1:31	"	4H	4A	"	
Sand		1:59	"	4H	5A	"	
"		2:34	"	4H	6A	"	
"		3:07	"	4H	6A	"	Due to repeated measurement, Abort the measurement
"		3:11	"	4H	7A	"	
Sand escape 40-90cm		3:39	"	5H	1A	"	@NRM: I=25-50° D=~310° @15mT: I=~0° D=~310° } (40-90cm)
Sand (110-150cm)		4:09	"	5H	2A	"	@NRM: I=~90° D=~320° @5mT: I=25-50° D=~320°

	Date	Time	Site	Core	Section	Demag Step	Comments	User
Sand	8/16/16	4:38	U14807	5H	3A	NRM-5- 10-15-20		
Sand		5:04	"	"	4A	"	NRM: Z=0~25 D=~300 @10mT: Z=25~50 D=~300	
Sand		5:51	"	"	5A	"	@NRM: Z=25~50 D=~300	
		6:18	"	6H	1A	"	@NRM: Z=~90° D=~300 @20mT: Z=~50~90° D=~300	
		6:45	"	6H	2A	"	@NRM: Z=~90° D: 50~150 @15mT: Z=~90° D: 50~300 @NRM: Z=50~90° D: ~300	
54-150cm Sand		7:14	"	6H	3A	"	@NRM: Z=90~0° D=~300	
Sand		7:44	"	6H	4A	"	@NRM: Z=0~25 D=~300 @15mT: Z=25~50 D=~300	DQA Error @ 15mT continue
Sand		8:19	"	6H	5A	"	@NRM: Z=25~50 D=200~300 @20mT: Z=~50° D=200~300	demag with Field
Sand		8:52	"	6H	6A	"	@NRM: Z=25~50 D=200~300 @20mT: Z=~50° D=200~300	demag with Field
Sand		9:11	"	7H	1A	"	degass error @ 15mT and do it again	
Sand		12:10	"	7H	CC	"		
Sand		12:27	"	8H	1A	"	@NRM: Z=0~25 D=~290 @20mT: Z=25~50 D=~300	
Sand		12:51	"	8H	2A	"		
Sand		13:20	"	8H	3A	"		
	8/16/16	13:52	-	9F	1A	-	Soupy Sand core @15mT. Flux Z=1	KZ
		14:25	-	-	2A	-	Soupy Sand core section Uniform D + I	
		14:58	-	-	3A	-	Soupy Sand core section	
		15:19	-	-	4A	-	Soupy Sand core	
		15:45	-	10F	1A	-	Soupy Sand	
		16:20	-	-	2A	-	" "	

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Date	Time	Site	Core	Section	Demag Step	Comments	User
8/16/2016	16:54	U1480F	10F	3A	NRM, 5, 10, 15, 20	Soupy sand core D=300, I=25 characteristic!	
	17:17		-	4A	-	soupy dark-gray sand	
	17:43		11F	1A	-	soupy gray sand	
	18:15			2A	-	soupy gray sand	
	18:48			3A	-		
	19:29		12F	1A	-	semi dry sand core show variable results!	
	20:03			2A	-	Dry core (muds) Flux $z=1$ 20-35cm R?	
	20:29			3A	-	Soup sandy core again! 45-60cm R?	
	20:59			4A	-	Uniform D+I	
	21:28		13F	1A	-	20-30cm? Flux $z=1$ Sand $K=y=0$	
	21:57			2A	-	Sand	
	22:38			3A	-	soupy sand Flux $z=1$	
	23:04		14F	1A	NRM, 5 10, 15, 20	Dry mud section	
	23:41			2A			
8/17/2016	0:20		14F	3A	~		
	0:51			4A	~		
	1:14		15F	1A	-		
	1:43		15F	2A	~		
	2:11		15F	3A	~		
	2:41		16F	1A	~		

Date	Time	Site	Core	Section	Demag Step	Comments	User
Aug. 17	3:02	U1480F	16F	2A	NRIM: -5, -10 -15, -20		
	3:29	"	"	3A	"		
	3:54	"	"	4A	"		
	4:12	"	17	1A	"		
Fine grain size Sand?	4:55	"	17	2A	"		
Fine grain size Sand	5:30	"	17	3A	"		
	5:47	"	18	1A	"		
	6:23	"	18	2A	"		
	6:50	"	18	3A	"		
	7:31	"	18	4A	"	NRIM: Z = 0~90° D = ~250° (10~20cm) > @15WT: Z = 50~90° D = ~50~70° (20~50cm)	Reversal
sandy sand 60~150cm	8:01	"	19	1A	"	NRIM: Z = ~90° D = ~100 (0~70), 300 (70~200) @10WT: Z = ~25° D = ~100 (0~20), 300 (70~100)	
	8:26	"	19	2A	"	@NRIM: Z = 0~25° D = 300°	
	10:30	Section Background			Z = ~70° D = ~20°	Measure section Background	@15WT
sandy sand	10:36	U1480F	19	3A		NRIM: Z = 0~50° D = ~300°	
	11:15	U1480F	20	1A			
	12:46	U1840F	20	2A	"	84-100 Void cm	
	13:25		20F	3A			
	13:52		21F	1A	—		
	14:20			2A	—	"Aborted" Reason: Internal Error occure	
	14:52			3A	—		

Date	Time	Site	Core	Section	Demag Step	Comments	User
8/17/16	15:23	U1480F	22F	1A	NRM 15-19/15/20 MT	Flint Z=1 uniform D+I	
	15:51	-		2A	-		
	16:13	-	23F	1A	-	Soupy sand Abort Demag - error message occurred	
	16:49	-		2A	-		
	17:20	-		3A	-		
	17:45	-	24F	1A	-		
	18:21	-		2A	-	soupy core	
	18:57	-		3A	-	soupy core	
	19:28	-	25F	1A	-	Instrument Hoped @ long core 19:40 Bill Mills can fix it	
	20:10	-	-	-	-	Twice problem occurred Flux X=1, Y=0, Z=1 10-600 R?	
	20:41	-	-	2A	-		
	21:35	-	-	3A	-		
	22:00	-	26F	1A	-		
	22:38	-		2A	-		
	23:15	-		3A	-	0-20cm R?	
	23:37			4A	-		
8/18/16	0:00	U1480F	27F	1A	-	8-22cm no core 90-150 Reversal?	
Fine grained sand	0:32		27F	2A	-		
Soupy sand	1:03		27	3A	-		
Soupy sand	1:28		27	4A	-		

	Date	Time	Site	Core	Section	Demag Step	Comments	User
	Aug 18	1:48	UT4807	28F	1A	NRM-5-10-15-20		
Sand		2:19	"	"	2A	"		
Sand		2:54	"	"	3A	"		
		3:26	"	"	4A	"		
		3:45	"	29F	1A	"		
		4:11	"	31F	1A	"		
Sand		4:29	"	33F	1A	"		
		5:02	"	33F	2A	"		
		5:32	"	34X	CC	"		
Sand		5:50	"	35X	1A	"		
Soupy Sand		6:18	"	36F	1A	"		
Soupy sand		6:53	"	30F	2A	"		
Soupy sand		7:22	"	36F	3A	"		
		7:49	"	37X	1A	"		
Sand		8:15	"	37X	2A	"		Beth
Sand		8:33	"	37X	CC	"		
Soupy Sand		8:50	"	41F	1A	"		
Sand		9:16	"	"	2A	"		
Flow structure		9:44	"	"	3A	"		
		10:02	"	"	4A	"		

Date	Time	Site	Core	Section	Demag Step	Comments	User
Aug. 18	10:30	U1480F	43F	1A	NRM-5-10-15-20		
	10:55	U1480F	43F	2A	~		
	11:32	U1480F	45F	1A	~		
	12:00	..	45F	2A	~		
	12:26	U1480F	47F	1A	—		
	13:06	U1480F	47F	2A	~		
	13:35		—	3A	—		
	14:02		49F	1A	—	nine mud core	
	14:40		53X	1A	—	mud core	
	15:02		—	2A	—	20-40cm R? gray turb. tile	
	15:32		—	3A	—	40-60cm? Little clay from gray ss to dark mud	
	16:07		—	4A	—		
	16:26		54X	1A	—		
	16:55		—	2A	—		
	17:29		—	3A	—		
	17:56		—	4A	—	$V = Flux = 1$	
	18:29		—	5A	—		
	19:04		55X	1A	—	20-60cm R?	
	19:33			2A	—		
	20:07			3A	—		

soupy sand

soupy sand

soupy sand

sand

Date	Time	Site	Core	Section	Demag Step	Comments	User
8/8/16	20:34	U1480F	55X	4A	NRM, 5, 10, 15, 20		
	21:36		—	5A	—		
	22:13		—	6A		Not measured correctly only measured 20 mT	
	22:50		—	7A			
8/19/2016	0:58	U1480F	55X	7A		Re-measurement	
	3:10	Background	section		Z = ~10° D = ~280°	Background measurement	
	3:39	Background	section				
	3:50	U1480F	55X	CCA	NRM, 5, 10, 15, 20,		
	4:04	"	"	7A	"	Re-measurement	
Biscuit	4:20	"	56X	1A	"	① NRM: flux $x=0, y=0, z=1$	
Biscuit	4:54	"	56X	2A	"		
Biscuit	5:26	"	56X	3A	"		
"	5:59	"	56X	4A	"		
"	6:38	"	57X	CCA	"		
"	7:00	"	58X	1A	"		
"	7:29	"	59X	1A	"	NRM: Flux $x=1, y=1, z=237$ stop @ 10 mT	
	8:04		66X	CC	"	② NRM: flux: $x=0, y=1, z=1$	
Biscuit	8:22	"	59X	2A	"		
"	8:48	"	59X	3A	"		
	9:08	"	59X	CC	"		Beth

Date	Time	Site	Core	Section	Demag Step	Comments	User
8/19/2016	7:28	U14807	60X	1A	NRM-5-10 -15-20	Biscuit	
	8:48	"	60X	2A	"	Biscuit NRM: Flux $X=1, Y=0, Z=1$	
	10:11	"	61X	1A	"	NRM: Flux $X=-1, Y=0, Z=0$	
	10:27	"	61X	CCA	"	Biscuit	
	10:45	"	62X	CCA	"	Biscuit	
	11:05	"	63X	CCA	"		John
	11:24	"	64X	1A	"	74-92cm, IW	
	11:45	"	59X	1A		Test U362TA -	
	11:59	"	59X	1A	15-20 mT	continue the previous undisturbed measurement	
Biscuit	12:08	"	65X	1A	NRM-5-10 -15-20	NRM: Flux $X=-1, Y=0, Z=1$	
	12:37	"	65X	2A	"		
	13:14	"	66X	CCA	"		
	13:34	-	67X	1A	-	Flux at $Y=-2, Z=1$	
	14:07	-	68X	1A	-		
	14:36	-	68X	2A	-		
	15:05	-	68X	3A	-		
	15:36	-	-	4A	-	1280	
	16:00	-	69X	1A	-		
	16:36	-	-	2A	-		
	17:05	-	-	3A	-		

Date	Time	Site	Core	Section	Demag Step	Comments	User
8/20/16	17:39	U1480F	71X	1A	NRM, 5 10, 15, 20m		
	18:09		74X	1A	—		
	19:20		—	2A	—		
	19:34		76X	1A	—		
	20:05		77X	CCA	—		
	20:40		78X	1A	—		
	21:42		—	2A	—	28-42 (IW) exp 27	
	22:11		79X	1A	—		
	22:40		—	2A	—	Flux: $X = -1$ $Y = 0$ $Z = -1$	
	23:12		80X	CC	—		
	23:44		81X	CC	—		
	23:59		82X	1A	—		
8/21/16	0:22		82X	CCA	✓		
	0:42		83X	CCA	✓		
	6:06		89X	CCA	"		
	6:26		90X	CCA	"		
	12:55		91X	1A	"		
	13:17		91X	CCA	"		
	15:56		92X	1A	—		
	16:23		—	2A	—		

Date	Time	Site	Core	Section	Demag Step	Comments	User
8/20/16	17:00	U1480F	92X	3A	NRM, 5 10, 15, 20		
	17:37			CC	—		
	21:12		94X	3A	—		
	21:39		93X	1A	—		
	22:34			2A	—		
	23:00		94X	1A	—	program halted twice	
	23:35		94X	2A	—		
8/21/16	0:09		94X	4A	—		
	0:37		94X	CCA	"	"	
Biscuit	1:41		95X	1A	"		
	2:09		95X	CCA	"		
	3:36		96X	1A	"		
	5:32		96X	2A			
	5:59		96X	CCA			
	6:20		69X	4A	"		
	6:40		69X	CCA	"		
	7:11		97X	1A	"		
	7:52		971X	CCA	"	20-30cm kont	
	8:00		98X	CCA	"		

Date	Time	Site	Core	Section	Demag Step	Comments	User
8/26/16	16:52					Tray clean (20mT) + background	
						D ~ 350-2	
						I ~ 0, Int ~ 0?	
	17:00	U14806	2R	1A	NRM 5, 10, 15 20mT	Incl after 15mT = 0 10-30cm R?	
	17:22		2R	2A	—	R: 20-30cm, 40-60cm? Incl ~ 0	
	18:00	U14806	2R	3A	—		
	19:27		3R	1A	—	Flux $y = -1$ 10mT = bad measurement?	
	20:11		3R	2A	—	15cm long way 10mT is plotted so strongly?	
	20:48		3R	3A	—		
	21:23		3R	4A	—		
	22:42		4R	1A	—		
	23:19		4R	2A	—	50-80cm + (100-130 Reversed)?	
	23:59		4R	3A	—		
8/27/16	0:24		4R	4A	—		
	0:50		4R	5A	—		
	2:55		5R	1A	—		
	3:24		5R	2A	—		
	4:05		5R	3A	—		
	6:11		5R	4A	—		
	6:32		6R	1A	—		
Biscuit	6:57		6R	2A	—		

Date	Time	Site	Core	Section	Demag Step	Comments	User
8/27/2016	8:02	U14806	6R	3A	PRM-5-15 -15-20mT		
	10:25	U14806	8R	1A	"		
	11:05	U14806	8R	2A	"		
	11:29	"	8R	3A	"		
	12:15	"	8R	4A	"	20-35 cm → WR	
	12:41	"	8R	5A	"		
	16:21	-	8R	CC	—		
	16:37	-	9R	1A	—	Occurred an error message clicked ok to continue I went through	@ last step
	17:08	-	10R	CC	—	I got error again pushed the green button	@ last step
	17:58	-	11R	1A	—	IMS err @ 15mT I → @ 15mT	
	18:29	-	11R	2A	—		
	23:00	-	11R	3A	—	curl wood 47-51cm	
	23:27	—	12R	1A	—		
	23:44	"	12R	2A	"		
8/28/16	0:14	—	13R	1A	—		
	0:43	"	13R	2A	"		
	1:19	~	13R	3A	—		Beth
	1:49	~	13R	4A	—		Beth
	2:15	~	14R	1A	—		
	2:38	~	14R	2A	—		

Date	Time	Site	Core	Section	Demag Step	Comments	User
8/28/16	3:00	V1480	14R	3A	NRM, 5, 10 15, 20		
	3:28	V1480G	15R	1A	"		
	3:58		15R	2A	"		
	5:18		16R	1A	NRM, 5, 10 15, 20 mT		
	8:10		17R	1A	"	Changed to SHLF-ARCH-Rot Preset	
	8:51		17R	2A	"		
	9:18		17R	3A	"	15-75 cm; D = ~280° other D = ~50° > reversal?	
	9:49		17R	4A	"		
	10:15		17R	5A	"		
	11:41		18R	1A	—	10-30, 110-130 cm	
	12:19		18R	2A	"	IMS Error message @ 10 cm Extreme High NRM @ 2 cm	
	12:45	V1480G	18R	3A	—		
	13:14		18	4A	"		
	17:09		19R	2A	—		
	17:56		19R	1A	—	IMS Error message occurs DB 9001	
	18:24		20R	1A	—	IMS Error message DB 9001	
	18:56		20R	2A	—		
	20:35		20R	4A		} measured by Bill Mills	
			20R	3A			

Nico guy!

(21)

Date	Time	Site	Core	Section	Demag Step	Comments	User
8/28/16	20:44	U14806	21R	1A	NRM. 5, 10, 15 20mT	—	
	22:53		21R	2A	—	AFTER Bill Mills worked on IMS SRM software.	
	23:32		21R	3A	—		
8/29/16	0:01	"	21R	4A	"		
	0:48	"	22R	1A	"	Set to Rotary Core Volume	
	1:22	"	22R	2A	"		
	1:54	"	22R	3A	"		
	2:34	"	22R	4A	"		
	3:14	"	22R	5A			
	4:03	"	23R	1A	"		
	4:41	"	23R	2A	"		
	5:19	"	23R	4A	"		
	6:08	"	23R	3A	"		
	6:41	"	23R	5A	"		
	7:19	"	23R	6A	"		
	7:52	"	24R	1A	"		
	8:24	"	24R	2A	"		
	8:52	"	24R	3A	"		
	9:12	"	24R	4A	"		
	10:00	"	24R	5A	"		M. 1/5

Date	Time	Site	Core	Section	Demag Step	Comments	User
8-29-14	10:30	14806	24	6A	51015 20	NRM-5-10, 15, 20m7	M. Hs
	11:59		24R	7A	—		
	12:26		25R	1A	~		
	13:12		25R	2A	~		
	13:51		25R	3A	—		
	15:35		26R	1A	—		
	16:17	—	26R	2A	—		
	16:48	—	26R	3A	—		
	17:23	—	26R	4A	—		
	18:13	—	26R	5A	~		
	18:49	—	—	6A	—		
	19:10	—	27R	1A	—		
	19:43	—	27R	2A	—		
	20:10	—	27R	3A	—		
	20:43	—	28R	1A	—		
	21:37	—	28R	2A	—		
	22:13	—	29R	1A	—	0-30, 90-100 cm mud R7	Sand layer
	22:50	—	30R	1A	—		
	23:28	—	30R	2A	~		
	23:57	—	31R	1A	~	10-45 cm sand	

Date	Time	Site	Core	Section	Demag Step	Comments	User
8/30/2016	0:26	U1480G	31R	2A	NRM-5-10 -15-20		
	0:58	"	31R	3A	"		
	1:14	"	31R	4A	"		
	1:59	"	31R	5A	"		
	2:34	"	32R	1A	"		
	3:04	"	32R	2A	"		
	3:45	"	32R	3A	"		
	4:15	"	32R	4A	"		
	4:41	"	32R	5A	"		
	5:13	"	32R	6A	"	38-68 cm → WR	
	5:34	"	33R	1A	"		
	6:05	"	34R	1A	"		
	6:34	"	34R	2A	"		
	7:55				D = ~90° I = ~-25°	Background measurement with 2stwt	
	8:03	U1480G	35R	1A	NRM-5-10 -15-20 mT		
	8:40	"	36R	1A	"		
	9:12	"	36R	2A	"		
	13:14					D = ~90° I = ~-25°	
	13:22	U1480G	37R	1A	NRM-5-10 -15-20		
	14:41		37R	2A			

Date	Time	Site	Core	Section	Demag Step	Comments	User
8/30/2016	15:10	U14804	37R	3A	NRM, 5 10, 15, 20 mT	After 15 mT demag I = negative - R?	
	19:18		38R	1A	NRM, 5 10, 20, 25 mT	90-100 cm high spikes 51-62 cm } higher	
	19:40					There is also a minor spike @ 30 cm spike greatly reduced especially for 90-100 cm one	
	20:09		38R	2A	NRM, 5, 10 20, 25 mT	Spikes @ 35-75 cm	
	20:37		38R	3A	—		
	21:04		38R	4A	—		
	21:35		38R	5A	—		
	22:01		39R	1A	—	91-108 cm Sph = LWR (see) "Exclude" feature	
	22:32		39R	2A	—	$D \approx 200$	
	22:54		39R	3A	—	High spike @ 0-10 cm wiped out after 5 mT	
	23:23		40R	1A	—		
	23:47		41R	1A	—		
8/31/2016	0:21		41R	2A	"		
	2:50		42R	1A	"		
	3:18		42R	2A	"	0-60 cm sand	
	3:47		42R	3A	"		
	4:13		43R	1A	"	Exclude 32-45 cm (Whole Round)	
	4:43		43R	2A	"		
	5:37		43R	3A	"		
	7:31		44R	1A	"		

Date	Time	Site	Core	Section	Demag Step	Comments	User
8/31/2016	8:03	U1480G	44R	2A	NRM-5-10 -20-25 mT		
	8:28	"	"	3A	"		
		"	"	4A	"		
	10:11	"	45R	1A	"		
	10:40	"	45R	2A	"		
	11:30	"	45R	3A	"		
	12:05	"	45R	4A	"		
	16:15	-	45R	5A	-		
	16:41	-	46R	1A	-		
	17:14	-	46R	2A	-		
	18:47		46R	3A	-		
	22:25	-	47R	1A	-	4-24. Sg ² (WFA)	
	23:03	-	47R	2A	-		
	23:31	-	47R	3A	-		
	23:54	-	48R	1A	-		
9/1/2016	0:23	"	48R	2A	-		
		"	49R	1A			
	1:25	"	49R	2A	"		
	1:49	"	49R	3A	"		
	2:12	"	49R	4A	"		

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Date	Time	Site	Core	Section	Demag Step	Comments	User
9/1/2016		V1480G	49R	5A	NRM-5-10 -20-25 WT		
	3:14	"	49R	6A	"		
	3:44	"	50R	1A	"		
	4:15	"	50R	2A	"		
	4:47	"	50R	3A	"	Sand	
	5:27	"	50R	CC	"		
	6:41	"	51R	1A	"		
	7:15	"	51R	2A	"		
	7:46	"	51R	CCA	"		
	12:05	"	52R	1A	"		
	13:08	"	52R	2A	NRM, 5 10, 15, 20 25m		
	14:11	-	52R	3A	-	70-80cm High NRM Grapite rich?	
	14:57	-	52R	4A	-	large decaying NRM intensity. Grapite rich!	
	15:38	-	52R	5A	-		
	16:06	-	53R	1A	-		
	16:45	-	53R	2A	-		
	17:46	-	53R	3A	-		
	22:58	-	54R	1A	-	22-43 Euph LWR excluded	
	24:35	"	54R	2A	"	"	
9/2/2016	0:16	"	54R	3A	"	"	

Date	Time	Site	Core	Section	Demag Step	Comments	User
9/2/2016	0:53	U14806	54R	4A	NR14-5-10-15 -20-25mT		
	1:31	"	"	5A	"		
	2:11	"	"	6A	"		
	2:47	"	"	7A	"		
		"	55R	1A	"	94-12/cm → WR	
	5:00	"	55R	2A	"		
	5:36	"	"	3A	"		
	6:07	"	55R	4A	"		
	6:49	"	55R	5A	"		
	7:51	"	55R	6A	"		
	8:33	"	55R	7A	"		Berh
	9:20	"	55R	8A	"		
	10:02	"	56R	1A	"		
	11:03	"	56R	2A	"		Berh
	11:39	"	56R	3A	"		
	12:24	"	56R	4A	"		
	13:11	"	56R	5A	"		
	13:50	"	56R	6A	"		
	14:23	-	57R	1A	-		
	15:07	-	57R	2A	-		

Date	Time	Site	Core	Section	Demag Step	Comments	User
9/2/16	15:44	U14806	57R	3A	NR4, 5, 10, 15, 20 25 mT		
	15:57		57R	4A	—		
	16:39		57R	5A	—		
	17:25		57R	6A	—		
	18:40		58R	1A	—		
	19:17		58R	2A	—		
	19:50		58R	3A	—		By
	20:40		"	4A	—		B:11
	21:36		"	5A	—		Hills
	22:02		"	6A	—	Abort by request message showed up	
	23:37		59R	2A	?		
			59R	3A			
9/3/2016	0:17		59R	4A	"		
	0:53		59R	5A	"	Abort by user message (20mT step)	
	1:30	"	60R	1A	"		Beh
	2:06	"	60R	2A	"		Beh
	2:43	"	60R	3A	"		
	3:17	"	60R	4A	"		
	3:57	"	60R	5A	"		
	4:27	"	60R	6A	"	RUN UPSIDE DOWN!	
9/3/16	2:27	"	"	"		NRM CHECK	Wm M.

Date	Time	Site	Core	Section	Demag Step	Comments	User
9/4/2016	23:47	U/480G	61R	1A	ARM-5-10 -15-20		
9/4/2016	00:35	"	61R	2A	—	37-47, 57-70 cm Empty	
9/4/2016	1:29	"	61R	3A	"		
	2:11		61R	4A			
	2:48	"	61R	5A	"		
	3:30	"	61R	6A	"		
	4:13	"	61R	7A	"		
	17:14	—	62R	1A	—		
	17:54	—	62R	2A	—	Uniform I=90! D=300!	F=1ux Y=-1
	18:33	—	62R	3A	—	I=90 over!	
	19:13	—	62R	4A	—	Half basalt (I=490) Half Red Brn SS (I=90)	
	19:55	—	62R	5A	—	Inclination variable	
	21:00		62R	6A		70-80cm high spike	
9/5/2016	4:30	"	65R	1A	"		
	5:08	"	65R	2A	"		
	5:48	"	65R	3A	"		
	6:28	"	65R	4A	"		
	7:08	"	65R	CC	"		
	7:28	"	66R	1A	"		
	8:04	"	66R	2A	"	21-32 cm → WR	

Date	Time	Site	Core	Section	Demag Step	Comments	User
9/5/2016	8:43	U1480G	66R	3A	NRM-5-10 -15-20-25 mT		
	9:17	U1480G	66R	4A	"		
	9:53	"	66R	5A	"		
	10:37	"	66R	6A	"	~55cm then was a spring for core catcher!	
	11:07	"	66R	7A	"	FLUX JUMP X-963 Y 136 Z -62	Still
	16:02	Test +	"	90 In	"	problem by putting red ss separately + NRM man	
	16:12	U1480G	67R	1A	NRM, 5, 10 15, 20, 25mT		
	18:02		67R	2A	-	w/ 50x reduction of speed pure Basalts I (part)	
	20:12		67R	3A	-	pure basalt section 50x reduc STOPPED ON 15mX	
9/6/2015	0:30		67R	4A	"		
	2:57		67R	5A	"		
	4:08		67R	6A	"		
	5:38		67R	7A	"	0~10cm → WR 0~10cm exclude	
	7:13		67R	8A	"		
	9:11		67R	9A	"		
	10:58		68R	1A	"		
	12:31		68R	2A	"	0-21cm → WR excluded	
	15:16		68R	3A	-		
	17:30		68	4A	NRM, 5, 10, 20mT		
	19:03		68	5A	-	Basalts	

Date	Time	Site	Core	Section	Demag Step	Comments	User
	20:16	U1480G	69R	1A	NRM, 5 10, 20 mT	Uniform D I ↑ as D step ↑	
	21:38		69R	2A	—	X, Y flux jump -1, +1 respectively	
	23:07		69R	3A	—	no flux jump D=300, I=64	
9/7/16	0:16		69R	4A	—		
	1:10				D=280° I=-35°	Section Background measurements	
	1:21	U1480H	1H	1A	NRM-5-10 -15-20	NRM: Z=~-50° D=~180° 15mT: Z=10~15° D=~180°	T-line x=0, y=1, z=0
			1H	2A	"		
	2:48	"	"	3A	"	NRM: Z=~90° D=~180° 15mT: Z=0~15° D=~180°	
	3:23	U1480G	69R	5A	NRM, 5 10, 20 mT		
	4:19	U1480H	2H	1A	NRM, 5, 10 15, 20	NRM: Z=50~90° D=~90° @15mT: Z=0~15° D=~90°	
	4:56	"	2H	2A	"	NRM: Z=25~90° D=~80° @15mT: Z=~0° D=~80°	
	5:55	"	2H	3A	"		
	7:32	"	2H	4A	"	NRM: Z=25~90° D=~50°	
	8:31	"	2H	5A	"	NRM: Z>50° D=~60° @15mT: Z=-15° D=~60°	
	8:52	"	2H	6A	"	NRM: Z=25~50° D=80° @15mT: Z=0~15° D=80°	
	9:36	"	2H	7A	"	NRM: Z=25~50° D=~90° @15mT: Z=~0° D=~90°	
	10:23	"	3H	1A	"	NRM: Z=25~90° D=~330° 15mT: 90~0° D=~330°	
	10:57	"	3H	2A	"	NRM: Z=25~50° D=~330° 15mT: Z=~0° D=~330°	
	11:31	"	3H	3A	"	NRM: Z=~50° D=~0° 15mT: Z=~0° D=~0°	
	12:04	"	3H	4A	"		

Date	Time	Site	Core	Section	Demag Step	Comments	User
9/7/2016	12:59	V1480H	3H	5A	NRM, 5, 10 15, 20 mT		
	13:15	V1480H	3H	6A	"		
	13:50		3H	7A	—	20-40cm: R? Big intensity drop after 5m-T	
	14:12	—	4H	1A		Yellow mud ~90cm ash layer?	
	14:43	—	4H	2A	—	Green mud	
	15:17	—	4H	3A	—		
	15:49	—	4H	4A	—		
	16:22	—	4H	5A	—	D=130 all sect R?	
	16:57	—	4H	6A	—	0-50cm R?	
	17:35	—	4H	7A	—		
	18:05	—	5H	1A	—	Very nice Z's plots	
	18:53	—	5H	2A	—	WRM=30, Y=89, Z=-121 Soupy sand	Flux jump
	19:33	—	5H	3A	—	Soupy sand	
	20:07	—	5H	4A	—		
	20:45	—	5H	5A	—		
	21:49	—	5H	6A	—		
	22:28	—	6H	1A	—	Very Soupy Sand 50-60cm spike intensity	
	22:55	—	6H	2A	—	"	
	23:33	—	6H	3A	—	"	
	23:58	"	6H	CC	—	"	

Date	Time	Site	Core	Section	Demag Step	Comments	User
9/8/2016	0:19	U/484	7H	1A	NRM-5,10 -15,20	soapy sand	
	0:52	"	"	2A	"	soapy sand NRM: Z = 25~50° D = ~300° @15mT: Z = 25~60° D = ~300°	
	1:20	"	"	3A	"	soapy sand	
	1:48	"	"	4A	"	soapy sand	
	2:18	"	"	5A	"	soapy sand	
	2:53	"	"	6A	"	soapy sand	
	3:13	"	8H	1A	"	mud	
	3:50	"	8H	2A	"	mud	
	4:30	"	8H	3A	"	"	
	5:06	"	8H	4A	"	NRM: Z = 90~50° D = 250~360° "	
	5:43	"	8H	5A	"		
	6:24	"	8H	6A	"		
	6:57	"	8H	7A	"		
	7:23	"	9H	1A	"	soapy sand	
	8:09	"	9H	2A	"	sand but not soapy	
	9:01	"	9H	3A	"	"	
	9:36	"	9H	4A	"	"	
	10:14	"	9H	5A	"	"	
	11:22	"	9H	6A	"		
	11:59	"	9H	7A	"		

Date	Time	Site	Core	Section	Demag Step	Comments	User
9/8/2016	12:28	U14804	10H	1A	NR14-5- 10-15-20		
	13:12		10H	2A	—		
	13:57		10H	3A	—		
	14:39		10H	4A	—	20-120 d R? D = ~100	
	15:22		10H	5A	—	Back to N	
	15:59		10H	6A	—		
	16:34		10H	7A	—		
	17:12		11H	1A	—	N?	
	17:48		11H	2A	—	D=300, I=0 normal polarity?	
	18:25		11H	3A	—		
	19:07		11H	4A	—	Flux jump (Y=-2) @ NR17 Reversed? D=90	
	20:12		11H	5A	—	Reversed D=100	
	20:45		11H	6A	—	Reversed?	
	21:55		11H	7A	—	Reversed?	
	22:21		12H	1A	—	Short section of soupy sand	
	22:38		13H	1A	—	short section of disturbed grey mud	
	22:58		15H	1A	—	sand (wet) I ~ 90 Long section D=300	
	23:31		15H	2A	"	soupy sand	
	00:08		15H	3A	"	sand soupy	
	00:30		15H	4A	"	sand soupy	

Date	Time	Site	Core	Section	Demag Step	Comments	User
9/9/2016	0:56	U1480H	15H	5A	NRM, 5, 10, 15, 20	soupy sand	
	1:23	"	"	6A	"	soupy sand	
	1:47	"	"	7A	"	soupy sand	
	2:08	"	16H	1A	"	sand (wet)	
	2:44	"	16H	2A	"		
	3:22	"	16H	3A	"		
	3:58	"	16H	4A	"		
	4:21	"	16H	5A	"		
	4:53	"	16H	6A	"		
	5:42	"	16H	7A	"		
	6:05	"	16H	CC	"		
	6:31	"	17H	1A	"		
	7:11	"	17H	2A	"	79-150 cm soupy sand	
	7:44	"	17H	3A	"	soupy sand	
	8:16	U1480F	69R	6A	NRM, 5, 10, 20 mT	change to section half-rotary	
	11:30	"	69R	7A	"	"	
	13:02	—	69R	8A	—	NO Speed reduction clay short sect.	
	13:48	—	70R	1A	—	NO flux jump Basalt	
	14:00	—	70R	2A	—	short clay sec ^L	
	14:25	—	70R	3A	—	Brown clay	

[illegible]

Site 12A

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Date	Time	Site	Core	Section	Demag Step	Comments	User
9/26/2016	0:26	U1481A	2R	1A	NRM-5-10-15 -20-25 mT		
	0:58	"	2R	2A	"		
	1:24	"	2R	3A	"		
	1:46	"	2R	4A			
	3:23	"	3R	1A	"		
	3:52	"	3R	2A	"		
	4:24	"	3R	3A	"		
	4:51	"	3R	4A	"		
	6:05	"	3R	5A	"		
	6:59	"	3R	6A	"		
	7:29	"	3R	7A	"		
	7:55	"	4R	1A	"		
	8:22	"	4R	2A	"		
	8:54	"	4R	3A	"		
	9:19	"	4R	4A	"	85-106 cm → WR	
	10:02	"	4R	5A	"		
	10:23	"	5R	1A	"		
	11:25	"	5R	2A	"	0-70 cm + 70-100 cm magnetozone	
	11:54	"	6R	1A	"		
	12:16	"	6R	2A	"		

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Date	Time	Site	Core	Section	Demag Step	Comments	User
9/26/2016	13:04	UK481A	6R	3A	ARM-5-10-15 -20-25 mT		KZ
	13:41	-	6R	4A	-	20-80 cm D=50	KZ
	14:31	-	6R	5A	-		
	15:09	-	7R	1A	-	0-50 cm vs 50-110 cm SD => 100	
	16:04	-	7R	2A	-		
	16:35	-	7R	3A	-	47-66 cm Empty	
	17:03	-	7R	4A	-		
	17:22	-	8R	1A	-		
	18:58	-	9R	1A	-		
	19:59	-	9R	2A	-	Negative Inc. After 15 mT, 80-100 cm Steeper Inc	
	20:34	-	9R	3A	-	90-111 cm empty 0-70 cm D=100	
	21:08	-	9R	4A	-		
	21:43	-	10R	1A	-		
	22:36	-	10R	2A	-		
	23:06	-	10R	3A	-		
9/27/2016	0:36	"	11R	1A	"		
	1:06	"	11R	2A	"		
	2:06	"	12R	1A	"		
	2:32	"	12R	2A	"		
	4:19	"	13R	1A	"		

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Date	Time	Site	Core	Section	Demag Step	Comments	User
9/27/2016	9:13	U1481A	14R	1A	NRM-5-10- 15-20-25 mT		
	9:42	"	14R	2A	"		
	10:10	"	14R	3A	"	68-82cm → WR	
	13:04	"	15R	1A	"		
	13:40	—	15R	2A	—		
	14:15	—	15R	3A	—		
	15:01	—	15R	4A	—		
	16:58	—	16R	1A	—		
	17:54	—	16R	2A	—		
	18:40	—	16R	3A	—		
	19:21	—	16R	4A	—		
	19:50	—	16R	5A	—	I=0, D=240 all section!	Nice core material!
	20:21	—	16R	6A	—		
	20:46	—	17R	1A	—		
	21:16	—	17R	2A	—		
	21:42	—	18R	1A	—		
	22:38	—	18R	2A	—		
9/28/2016	1:56	"	19R	1A	"		
	2:24	"	19R	2A	"		
	3:15	"	19R	3A	"		

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Date	Time	Site	Core	Section	Demag Step	Comments	User
9/28/2016	3:57	U1481A	19R	4A	NRM-5-10 -15-20-25		
	4:24	"	"	5A	"		
	4:51	"	"	6A	"		
	5:34	"	"	7A	"		
	6:00	"	20R	1A	"		
	6:45	"	"	2A	"		
	7:07	"	21R	1A	"		
	7:37	"	21R	2A	"		
	8:07	"	21R	3A	"		
	9:13	"	22R	1A	"		
	9:29	"	22R	2A	"		
	10:01	"	22R	3A	"		
	10:36	"	22R	4A	"		
	13:21	-	23R	1A	-		
	14:05	-	23R	2A	-		
	14:36	-	23R	3A	-		
	15:05	-	23R	4A	-		
	15:39	-	23R	5A	-		
	16:09	-	23R	6A	-		
	17:18	-	24R	1A	-	33-53 cm empty	

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Date	Time	Site	Core	Section	Demag Step	Comments	User
9/28/16	19:10	U1481	24R	2A	NRM, 5, 10, 15, 20, 25 mT		KZ
	20:01	—	24R	3A	—		
	20:52	—	24R	4A	—	0-30 cm. very different D + I	
	21:46	—	24R	5A	—		
	22:27		24R	6A			
	23:03		24R	7A	—		
	23:45	"	24R	8A	"		
9/29/16	00:24	—	25R	1A			
	1:01	"	25R	2A	"		
	1:23	"	26R	1A	"	46-66 cm → WR	
	2:14	"	26R	2A	"	changed tray and measured Background as the section is too long (153 cm)	
	2:51	"	26R	3A	"		
	3:32	"	26R	4A	"		
	4:01	"	26R	5A	"		
	5:25	"	27R	1A	"		
	6:05	"	27R	2A	"		
	6:36	"	27R	3A	"		
	7:06	"	27R	4A	"		
	7:44	"	27R	5A	"		
	8:07	"	27R	6A	"		

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Date	Time	Site	Core	Section	Demag Step	Comments	User
9/27/2016	9:48	U481A	27R	7A	NR14-5-10-15 -20-25mT		
	10:28	"	27R	8A	"		
	10:46	"	28R	1A	"		
	11:17	"	28R	2A	"		
	11:24	"	28	3A	"		
	12:00	"	28	4A	"		
	12:54	"	28	5A	"		
	13:27	"	28	6A	"		
	14:59	-	28R	7A	—		
	15:47	-	28R	8A	—		
	22:38	-	30R	1A	—		
	23:14	-	29R	1A	—		
	23:52	"	29R	2A	"		
9/30/2016	0:25	"	29R	3A	"		
	0:53	"	29R	4A	"		
	1:20	"	29R	5A	"		
	3:12	"	29R	6A	"		
	3:52	"	29R	7A	"		
	4:16	"	30R	2A	"		
	4:44	"	30R	3A	"		

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Date	Time	Site	Core	Section	Demag Step	Comments	User
9/30/2016	5:12	U1481A	30R	4A	NR14-5-10-15 -20-25 mT		
	5:46	"	30R	5A	"		
	6:20	"	30R	7A	"		
	7:30	"	30R	6A	"		
	8:00	"	30R	8A	"		
	8:22	"	31R	1A	"		
	9:01	"	31R	2A	"		
	9:30	"	31R	3A	"		
	9:58	"	31R	4A	"		
	11:44	-	31R	5A	✓	67-78cm empty	
	12:16	"	31R	6A	"		
	12:57	-	31R	7A	—		
	13:26	—	33R	1A	—		
	13:54	"	33R	2A	"		
	14:33	-	33R	3A	✓		
	15:07	-	33R	4A	—		
	15:58	—	33R	5A	—	0-30cm D=100	
	16:22	—	33R	6A	—		
	16:48	—	33R	7A	—		
	17:19	-	32R	1A	—		

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Date	Time	Site	Core	Section	Demag Step	Comments	User
9/30/16	17:45	U1481A	32R	4A	NRM, 5, 10 15, 20, 25 mT		
	18:11		32R	6A	—		
	18:48	-	32R	5A	—		
	19:40		32R	3A	—		
	20:07		32R	2A	—		
	20:51		32R	7A	—		
	21:19	-	32R	8A	—		
	21:42	-	34R	1A	—		
	22:32		34R	2A	—		
	23:11		34R	3A	—		
	23:47		34R	4A	"		
	0:36		34R	5A	—		
10/1/2016	1:19		34R	6A	"		
	1:40		34R	7A			
	2:02		35R	1A	"		
	2:28		35R	2A	"		
	2:58		35R	2A	"		
	3:38		35R	3A	"		
	4:06		35R	4A	"		
	4:31		35R	5A	"		

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Date	Time	Site	Core	Section	Demag Step	Comments	User
10/1/2016	4:58	U1481A	35R	6A	NRM, 5, 10, 15, 20, 25 mT		
	5:33	"	35R	7A	"		
	6:00	"	35R	8A	"		
	6:42	"	36R	1A	"		
	7:12	"	36R	3A	"		
	7:47	"	36R	4A	"	dry sand	
	8:15	"	36R	5A	"	30-50 cm → WR	
	8:42	"	36R	6A	"		
	9:21	"	37R	1A	"		
	10:05	"	37R	2A	"	30-50 cm → WR	
	10:41	"	37R	3A	"		
	11:30	"	37R	4A	"		
	12:05	"	37R	5A	"		
	12:35	"	37R	6A	"		
	13:01	"	37R	7A	"		
	13:49	—	38R	1A	—		
	14:19	—	38R	2A	—	41-61 empty	
	14:51	—	38R	3A	—	50-100 cm w/ Fluvial D ~ 120 X = -1, Y = 1	
	15:20	—	38R	4A	—	Z: Fluvial = 1 Inc = 0	
	15:46	—	38R	5A	—	0-80 cm D+I very different from rest section	

(10)

[illegible]