

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 4839A Core Number: 10 Date: 1 June 19

Water Depth (m): 4081.9 Top Depth of Core (mbsf): 80.6

Tool ID: 1858007C Observer(s): MT

☒ Clock Synchronized? Measured Interval: 1 sec Battery Voltage: 2935 mV

Choose Measurement Type

☒ APC In Situ * Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length* 9.5 = Measured Depth (mbsf): 90.1
Partial Stroke? Enter Core Recovery

☐ Partial Stroke? or ☒ Full Stroke? Use this value for depth in TPFit

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
1520	1820	Time when recording was started
1717	2017	Start Down Pipe, Rate: (m/min):
1744	2044	Stop At Mudline – pumps off, 5min
1749	2049	Lower Into Hole – pump slowly
1800	2100	Fire APC / Insert Probe – compensate (at sampling depth)
1810	2110	Pulled From Sediment
1900	2200	Time when recording was stopped

DATA: ☒ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007C-201906011820 Comments: Orientation Tool

Heave - 1.9 m Overpull 10k. Temp 1.9°C

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 1153 9A Core Number: 7 Date: 1 June '19

Water Depth (m): 4081.9 Top Depth of Core (mbsf): 52.1

Tool ID: 007C Observer(s): GVR RMD

☒ Clock Synchronized? Measured Interval: 1.500 Battery Voltage: 2956 mV

Choose Measurement Type

☒ APC In Situ * Full APC = 9.5m Half APC = 4.7m

Top Depth + $\frac{\text{Full stroke? Use APC Length*}}{\text{Partial Stroke? Enter Core Recovery}}$: 9.5 = Measured Depth (mbsf): 61.6
Use this value for depth in TPFIT

☐ Partial Stroke? Or ☒ Full Stroke?

- Probe *In Situ*

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
	2	Time when recording was started
1304	1604	Start Down Pipe, Rate: (m/min):
1330	1630	Stop At Mudline – pumps off, 5min
1344	1644	Lower Into Hole – pump slowly
1345	1645	Fire APC / Insert Probe – compensate (at sampling depth)
1355	1655	Pulled From Sediment
1434	1734	Time when recording was stopped

DATA: ☒ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007C_201905011325 Comments: Orientation 16.38-16.44

Heave - 1.5 m Temp 184

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 41539A Core Number: 4 Date: 1 June 19

Water Depth (m): 4081.9 Top Depth of Core (mbsf): 2310

Tool ID: 007C Observer(s): GVR

☒ Clock Synchronized? Measured Interval: 15s Battery Voltage: 2928 mV

Choose Measurement Type

☒ APC In Situ *Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length* 9.5 = Measured Depth (mbsf): 33.1
Partial Stroke? Enter Core Recovery Use this value for depth in TPFit

☐ Partial Stroke? or ☒ Full Stroke?

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
07:19	10:18	Time when recording was started
08:38	11:38	Start Down Pipe, Rate: (m/min):
09:05	12:05	Stop At Mudline – pumps off, 5min
09:10	12:10	Lower Into Hole – pump slowly
09:19	12:19	Fire APC / Insert Probe – compensate (at sampling depth)
09:27	12:29	Pulled From Sediment
	13:05	Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: _____ Comments: ORIENTATION 12:13 -> 12:18

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 11539C Core Number: 16 Date: 4 June

Water Depth (m): 4081 Top Depth of Core (mbsf): 142.5

Tool ID: 007C Observer(s): IODP

☒ Clock Synchronized? Measured Interval: 152 Battery Voltage: 2928 mV

Choose Measurement Type

☒ APC In Situ *Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length* 9.5 = Measured Depth (mbsf): 152
Partial Stroke? Enter Core Recovery Use this value for depth in TPFit

☐ Partial Stroke? or ☐ Full Stroke?

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): Use this value for depth in TPFit

Comment regarding depth value:

☐ Water Sample? Volume Recovered (ml): ☐ Pressure Measured?

Local	GMT	Activity
08:30	11:30	Time when recording was started
10:50	13:30	Start Down Pipe, Rate: (m/min):
	14:29	Stop At Mudline – pumps off, 5min
	14:35	Lower Into Hole – pump slowly
	14:40	Fire APC / Insert Probe – compensate (at sampling depth)
	14:50	Pulled From Sediment
	15:32	Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007C - 2019 06041131 Comments: No overpull

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: U1539C Core Number: 13 Date: 4 June 19 123.5

Water Depth (m): 4081 Top Depth of Core (mbsf): 123.5

Tool ID: 1858007C Observer(s):

☒ Clock Synchronized? Measured Interval: 1 sec Battery Voltage: 2953 mV

Choose Measurement Type

☒ APC In Situ *Full APC = 9.5m Half APC = 4.7m

Top Depth +

Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery

 : 9.5 = Measured Depth (mbsf): 133

☐ Partial Stroke? or ☒ Full Stroke? Use this value for depth in TPFit

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): Use this value for depth in TPFit

Comment regarding depth value:

☐ Water Sample? Volume Recovered (ml):

☐ Pressure Measured?

Local	GMT	Activity
04:40	07:39	Time when recording was started
08:40	09:40	Start Down Pipe, Rate: (m/min):
	10:17	Stop At Mudline – pumps off, 5min
	10:22	Lower Into Hole – pump slowly
	10:25	Fire APC / Insert Probe – compensate (at sampling depth)
	10:36	Pulled From Sediment
		Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename:

Comments: no ORIENTATION
no overpull.

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: U1539C Core Number: 04 Date: 3 June 19

Water Depth (m): 408.1 Top Depth of Core (mbsf): 28.5

Tool ID: 1858007C Observer(s): W

☒ Clock Synchronized? Measured Interval: 15sec Battery Voltage: 2955 mV

Choose Measurement Type

☒ APC In Situ * Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : 9.5 = Measured Depth (mbsf): 38
Use this value for depth in TPFit

☐ Partial Stroke? Or ☒ Full Stroke?

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
1554	1854	Time when recording was started
1743	2043	Start Down Pipe, Rate: (m/min):
1821	2121	Stop At Mudline – pumps off, 5min
1827	2127	Lower Into Hole – pump slowly
1835	2135	Fire APC / Insert Probe – compensate (at sampling depth)
1845	2145	Pulled From Sediment
1932	2232	Time when recording was stopped

DATA: ☒ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007C_20190603_1854 Comments: Orientation 2129-2134

Heave 3m _____ 1.6

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 1540 A Core Number: 16 Date: 9 June

Water Depth (m): 3595.5 Top Depth of Core (mbsf): 140.8

Tool ID: 607C Observer(s): TODP

☒ Clock Synchronized? Measured Interval: 150 Battery Voltage: 2902 mV

Choose Measurement Type

☒ APC In Situ *mkfire* *Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : _____ = Measured Depth (mbsf): 150.0
Use this value for depth in TPFit

☐ Partial Stroke? or ☐ Full Stroke?

☐ Probe *In Situ*

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
<u>03:34</u>	<u>06:34</u>	Time when recording was started
<u>06:34</u>	<u>09:18</u>	Start Down Pipe, Rate: (m/min):
<u>06:54</u>	<u>09:54</u>	Stop At Mudline – pumps off, 5min
<u>06:59</u>	<u>09:59</u>	Lower Into Hole – pump slowly
<u>07:05</u>	<u>10:05</u>	Fire APC / Insert Probe – compensate (at sampling depth)
<u>07:15</u>	<u>10:15</u>	Pulled From Sediment
<u>08:00</u>	<u>11:11</u>	Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: _____ Comments: orientation: 10:02

*Might have misfired

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: U1540A Core Number: 13 Date: 9 June 121.8

Water Depth (m): 3595.5 Top Depth of Core (mbsf): 121.8 9.5

Tool ID: 1858007 C Observer(s): IODP 131.3

☒ Clock Synchronized? Measured Interval: 1 sec Battery Voltage: 2930 mV

Choose Measurement Type

☒ APC In Situ *Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length* 9.5 = Measured Depth (mbsf): 131.3
Partial Stroke? Enter Core Recovery Use this value for depth in TPFit

☐ Partial Stroke? or ☒ Full Stroke?

☐ Probe *In Situ*

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____

☐ Pressure Measured?

Local	GMT	Activity
12:09	03:09	Time when recording was started
01:49	04:49	Start Down Pipe, Rate: (m/min):
02:23	05:23	Stop At Mudline – pumps off, 5min
02:28	05:28	Lower Into Hole – pump slowly
02:39	05:39	Fire APC / Insert Probe – compensate (at sampling depth)
	05:49	Pulled From Sediment
03:30	06:30	Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: _____

Comments: Orientation: 05:32

NO overpull.

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 41540A Core Number: 10 Date: 8 June 2018

Water Depth (m): 3595.5 Top Depth of Core (mbsf): 83.8

Tool ID: 1858007C Observer(s): IODP

☒ Clock Synchronized? Measured Interval: 1 sec Battery Voltage: 2940 mV

Choose Measurement Type

☒ APC In Situ * Full APC = 9.5m Half APC = 4.7m
Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : 95 = Measured Depth (mbsf): 93.3
Use this value for depth in TPFit
☐ Partial Stroke? or ☐ Full Stroke?

☐ Probe In Situ
Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole
Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
1938	2238	Time when recording was started
2133	0033	Start Down Pipe, Rate: (m/min):
2211	0111	Stop At Mudline – pumps off, 5min
2216	0116	Lower Into Hole – pump slowly
2225	0125	Fire APC / Insert Probe – compensate (at sampling depth)
2235	0135	Pulled From Sediment
2320	0220	Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007C - 20190608 2238 Comments: Orientation 0120-0135
Heave 1.1 m 3.05

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 41540A Core Number: 07 Date: 8 June 2019

Water Depth (m): 3595.5 Top Depth of Core (mbsf): 56.5

Tool ID: 1858007C Observer(s): LODP

☒ Clock Synchronized? Measured Interval: 1 Sec Battery Voltage: 2952 mV

Choose Measurement Type

☒ APC In Situ *Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : _____ = Measured Depth (mbsf): 66
Use this value for depth in TPFit

☐ Partial Stroke? or ☐ Full Stroke?

☐ Probe *In Situ*

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
1554	1854	Time when recording was started
1717	2017	Start Down Pipe, Rate: (m/min):
1757	2057	Stop At Mudline – pumps off, 5min
1802	2102	Lower Into Hole – pump slowly
		Fire APC / Insert Probe – compensate (at sampling depth)
		Pulled From Sediment
	2143	Time when recording was stopped

DATA: ☒ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007C - 201906081854 Comments: Orientation 2105-

Heave 1.7 Mis Fire 2.6'

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: U1540A Core Number: 4 Date: 8 June

Water Depth (m): 3595.5 Top Depth of Core (mbsf): 28

Tool ID: 007C Observer(s): IODP

☒ Clock Synchronized? Measured Interval: 1 sec Battery Voltage: 2788 mV

Choose Measurement Type

☒ APC In Situ *Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : 9.5 = Measured Depth (mbsf): 37.5
Use this value for depth in TPFit

☐ Partial Stroke? or ☐ Full Stroke?

☐ Probe In Situ
Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole
Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
09:41	12:41	Time when recording was started
1303	1603	Start Down Pipe, Rate: (m/min):
1341	1641	Stop At Mudline – pumps off, 5min
1346	1646	Lower Into Hole – pump slowly
1356	1656	Fire APC / Insert Probe – compensate (at sampling depth)
1407	1707	Pulled From Sediment
1451	1751	Time when recording was stopped

DATA: ☒ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007C_201906081242 Comments: Orientation 1648-1654
Heave - 1.5 2.33

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: U15400 Core Number: 2202 Date: 11 June

Water Depth (m): 3588.1 Top Depth of Core (mbsf): 210

Tool ID: 607C Observer(s): TONP

☒ Clock Synchronized? Measured Interval: 1sec Battery Voltage: 2950 mV

Choose Measurement Type

☒ APC In Situ * Full APC = 9.5m Half APC = 4.7m
Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : 4.7 = Measured Depth (mbsf): 210.5
☒ Partial Stroke? or ☐ Full Stroke? Use this value for depth in TPFit

☐ Probe In Situ
Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole
Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
10:00	13:00	Time when recording was started
11:45	14:45	Start Down Pipe, Rate: (m/min):
12:17	15:17	Stop At Mudline – pumps off, 5min
12:22	15:22	Lower Into Hole – pump slowly
12:28	15:28	Fire APC / Insert Probe – compensate (at sampling depth)
12:39	15:39	Pulled From Sediment
13:30	16:30	Time when recording was stopped

DATA: ☒ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007C-20190611302 Comments: Hit Chart
Heave 12m use 4.

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 1540 E Core Number: 8 Date: 12 June
Water Depth (m): 3588.1 Top Depth of Core (mbsf): 184.5
Tool ID: 0071 Observer(s): IODP
☒ Clock Synchronized? Measured Interval: 15s Battery Voltage: 2868 mV

Choose Measurement Type

☒ APC In Situ *Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : 9.5 = Measured Depth (mbsf): 194
☐ Partial Stroke? or ☒ Full Stroke? Use this value for depth in TPFit

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
	07:16	Time when recording was started
	09:06	Start Down Pipe, Rate: (m/min):
	09:32	Stop At Mudline – pumps off, 5min
	09:37	Lower Into Hole – pump slowly
	09:42	Fire APC / Insert Probe – compensate (at sampling depth)
	09:52	Pulled From Sediment
		Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: _____ Comments: _____

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: U540E Core Number: 5 Date: June 12 2019

Water Depth (m): 3588.1 Top Depth of Core (mbsf): 156

Tool ID: 1858007C Observer(s): _____

☒ Clock Synchronized? Measured Interval: 1 Sec Battery Voltage: 2905 mV

Choose Measurement Type

☒ APC In Situ * Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : _____ = Measured Depth (mbsf): _____
Use this value for depth in TPFit

☐ Partial Stroke? or ☐ Full Stroke?

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
	03:57	Time when recording was started
	05:09	Start Down Pipe, Rate: (m/min):
	06:05	Stop At Mudline – pumps off, 5min
	06:10	Lower Into Hole – pump slowly
	06:15	Fire APC / Insert Probe – compensate (at sampling depth)
	06:25	Pulled From Sediment
	07:10	Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: _____ Comments: Down Pipe Took

Long -> Waiting for scientist to decide on drilling plan
& Drums @ 06:22 & NO overpull

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 415418 Core Number: 15 Date: 18 June 2019

Water Depth (m): 3614.4 Top Depth of Core (mbsf): 130.6

Tool ID: 1858007C Observer(s): IODP

☒ Clock Synchronized? Measured Interval: 15sec Battery Voltage: 2893 mV

Choose Measurement Type

☒ APC In Situ * Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : 4.7 = Measured Depth (mbsf): 138
Use this value for depth in TPFit

☒ Partial Stroke? or ☐ Full Stroke?

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

	Local	GMT	Activity
0	1650	1950	Time when recording was started
6,480	1838	2138	Start Down Pipe, Rate: (m/min):
9,060	1921	2221	Stop At Mudline – pumps off, 5min
9,360	1926	2226	Lower Into Hole – pump slowly
9,720	1932	2232	Fire APC / Insert Probe – compensate (at sampling depth)
10,440	1944	2244	Pulled From Sediment
	2030	2330	Time when recording was stopped

DATA: ☒ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007-201906181950 Comments: Mudline 3604 - Coreline

Heave 1.5 m 50 k Overpull Tool Damaged. 437

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: ^{U 1541}B Core Number: 11 Date: 18 June
Water Depth (m): 3614.4 Top Depth of Core (mbsf): 92.6
Tool ID: 007C Observer(s): TODP
☒ Clock Synchronized? Measured Interval: 15s Battery Voltage: 2841 mV

Choose Measurement Type

☒ APC In Situ * Full APC = 9.5m Half APC = 4.7m
Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : 9.5 = Measured Depth (mbsf): 102.1
Use this value for depth in TPFit
☐ Partial Stroke? or ☒ Full Stroke?
☐ Probe In Situ
Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit
☐ All Systems, Open Borehole
Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
	<u>12:21</u>	Time when recording was started
<u>12:58</u>	<u>15:58</u>	Start Down Pipe, Rate: (m/min):
<u>13:42</u>	<u>16:42</u>	Stop At Mudline – pumps off, 5min
<u>13:47</u>	<u>16:47</u>	Lower Into Hole – pump slowly
<u>13:52</u>	<u>16:52</u>	Fire APC / Insert Probe – compensate (at sampling depth)
<u>14:02</u>	<u>17:02</u>	Pulled From Sediment
<u>14:49</u>	<u>17:49</u>	Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007C_201906181222 Comments: ^{Coreline Depth}Mudline 3604 ML 3614.4
Heave 1.5m 3.58

IODP Downhole Temperature Worksheet

54.6
9.5
64.1
9.5
73.6

Expedition: 383 Site/Hole: 01541B Core Number: 07 Date: 18 June

Water Depth (m): 3014.4 Top Depth of Core (mbsf): 64.1

Tool ID: 007C Observer(s): IODP

Clock Synchronized? Measured Interval: 152 Battery Voltage: 2885 mV

Choose Measurement Type

APC In Situ *Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length* Partial Stroke? Enter Core Recovery : = Measured Depth (mbsf): 64.1 Use this value for depth in TPFit

Partial Stroke? or Full Stroke?

Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): Use this value for depth in TPFit

All Systems, Open Borehole

Depth (mbsf): Use this value for depth in TPFit

Comment regarding depth value:

Water Sample? Volume Recovered (ml): Pressure Measured?

21
43
106

Local	GMT	Activity
?	08:20	Time when recording was started
✓	10:21	Start Down Pipe, Rate: (m/min): 121 7260
	11:08	Stop At Mudline – pumps off, 5min 45 2700
	11:11	Lower Into Hole – pump slowly 5 300
	11:15	Fire APC / Insert Probe – compensate (at sampling depth) 4 240
	11:25	Pulled From Sediment 10 600
		Time when recording was stopped

7260
9960
10260
10500
11100

DATA: Successfully downloaded from tool Backed up DATA1

Filename: Comments: NO overpull.

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: U1541B Core Number: 4 Date: 18 June
Water Depth (m): 3514.4 Top Depth of Core (mbsf): 35.6 35.6
Tool ID: 007C Observer(s): IODP 9.5
45.1
☒ Clock Synchronized? Measured Interval: 15cc Battery Voltage: 2944 mV

Choose Measurement Type

☐ APC In Situ * Misfire *Full APC = 9.5m Half APC = 4.7m
Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : _____ = Measured Depth (mbsf): 35.6
Use this value for depth in TPFit
☐ Partial Stroke? or ☐ Full Stroke?
☐ Probe In Situ
Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit
☐ All Systems, Open Borehole
Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

4440
6320
6980
7280

Local	GMT	Activity
02:20	05:20	Time when recording was started
	06:34	Start Down Pipe, Rate: (m/min):
	07:06	Stop At Mudline – pumps off, 5min
	07:17	Lower Into Hole – pump slowly
	07:22	Fire APC / Insert Probe – compensate (at sampling depth)
	07:33	Pulled From Sediment
		Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: _____ Comments: NO ORIENTATION

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: U1542A Core Number: 16 Date: 4 July 2019

Water Depth (m): 1110.8 Top Depth of Core (mbsf): 136.1

Tool ID: 1858007 Observer(s): IODP

☒ Clock Synchronized? Measured Interval: 1 sec Battery Voltage: 2885 mV

Choose Measurement Type

☒ APC In Situ *Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : 4.7 = Measured Depth (mbsf): 140.8
Use this value for depth in TPFit

☒ Partial Stroke? or ☐ Full Stroke?

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
1240	1540	Time when recording was started
1346	1646	Start Down Pipe, Rate: (m/min):
1415	1715	Stop At Mudline – pumps off, 5min
1420	1720	Lower Into Hole – pump slowly
1431	1731	Fire APC / Insert Probe – compensate (at sampling depth)
1441	1741	Pulled From Sediment
1512	1812	Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007C-201907041540 Comments: Orientation Tool - yes

Have - 4 m

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 1542A Core Number: 13 Date: 4 July

Water Depth (m): 1110.8 Top Depth of Core (mbsf): 121.1

Tool ID: 007C Observer(s): TODP

☒ Clock Synchronized? Measured Interval: 15s Battery Voltage: 2905 mV

Choose Measurement Type

☒ APC In Situ * Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : 9.5 = Measured Depth (mbsf): 121.1
Use this value for depth in TPFit

☒ Partial Stroke? or ☐ Full Stroke?

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
09:41	12:41	Time when recording was started
	14:01	Start Down Pipe, Rate: (m/min):
	14:19	Stop At Mudline – pumps off, 5min
	14:23	Lower Into Hole – pump slowly
	14:33	Fire APC / Insert Probe – compensate (at sampling depth)
	14:43	Pulled From Sediment
	15:10	Time when recording was stopped

DATA: ☒ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007C-201907041242 Comments: ORIENTATION @ 14:26
Heave ± 4m overpull ⇒ none

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 1542A Core Number: 10 Date: 4 July
Water Depth (m): 1110.8 Top Depth of Core (mbsf): 83.1
Tool ID: 007C Observer(s): IODP
☒ Clock Synchronized? Measured Interval: 1 sec Battery Voltage: 2885 mV

Choose Measurement Type

☒ APC In Situ *Full APC = 9.5m Half APC = 4.7m
Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : 9.5 = Measured Depth (mbsf): 92.6
Use this value for depth in TPFit
☒ Partial Stroke? or ☐ Full Stroke?

☐ Probe In Situ
Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole
Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
07:17	10:17	Time when recording was started
	11:34	Start Down Pipe, Rate: (m/min):
	11:46	Stop At Mudline – pumps off, 5min
	11:51	Lower Into Hole – pump slowly
	11:57	Fire APC / Insert Probe – compensate (at sampling depth)
	12:07	Pulled From Sediment
		Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: _____ Comments: 11:54 Orientation
Heave + 4 Meter / Overpull => none

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 1542A Core Number: 07 Date: 4 July 18

Water Depth (m): 1110.8 Top Depth of Core (mbsf): 54.6

Tool ID: 007C Observer(s): IODP

☒ Clock Synchronized? Measured Interval: 15s Battery Voltage: 2936 mV

Choose Measurement Type

☒ APC In Situ * Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : 9.5 = Measured Depth (mbsf): 64.4
Use this value for depth in TPFit

☐ Partial Stroke? or ☐ Full Stroke?

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): Use this value for depth in TPFit

Comment regarding depth value:

☐ Water Sample? Volume Recovered (ml): ☐ Pressure Measured?

Local	GMT	Activity
04:57	07:57	Time when recording was started
	08:01	Start Down Pipe, Rate: (m/min):
	08:19	Stop At Mudline – pumps off, 5min
	08:25	Lower Into Hole – pump slowly
	08:34	Fire APC / Insert Probe – compensate (at sampling depth)
	08:45	Pulled From Sediment
		Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: Comments: 08:28 ORIENTATION

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: A1542A Core Number: 04 Date: 4 July '19

Water Depth (m): 1110.8 Top Depth of Core (mbsf): 261

Tool ID: 007C Observer(s): Ionp

☒ Clock Synchronized? Measured Interval: 15s Battery Voltage: 2944 mV

Choose Measurement Type

☒ APC In Situ

* Full APC = 9.5m Half APC = 4.7m

Top Depth + $\frac{\text{Full stroke? Use APC Length*}}{\text{Partial Stroke? Enter Core Recovery}}$: 95 = Measured Depth (mbsf): 356

Use this value for depth in TPFit

☐ Partial Stroke? Or ☒ Full Stroke?

- Probe *In Situ*

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
03:09	06:09	Time when recording was started
03:56	06:56	Start Down Pipe, Rate: (m/min): 125
	07:09	Stop At Mudline – pumps off, 5min
	07:15	Lower Into Hole – pump slowly
	07:23	Fire APC / Insert Probe – compensate (at sampling depth)
	07:33	Pulled From Sediment
		Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: _____ Comments: Orientation 07:17

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 1543A Core Number: 22 Date: 10 July

Water Depth (m): 3874.4 Top Depth of Core (mbsf): 197.1

Tool ID: 1858007C Observer(s): IODP

☒ Clock Synchronized? Measured Interval: 1 Sec Battery Voltage: 2881 mV

Choose Measurement Type

☒ APC In Situ

* Full APC = 9.5m Half APC = 4.7m

Top Depth + $\frac{\text{Full stroke? Use APC Length*}}{\text{Partial Stroke? Enter Core Recovery}}$: 9.5 = Measured Depth (mbsf): 206.6
Use this value for depth in TPFit

☐ Partial Stroke? or ☐ Full Stroke?

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
1318	1618	Time when recording was started
1600	1900	Start Down Pipe, Rate: (m/min):
1642	1942	Stop At Mudline – pumps off, 5min
1647	1947	Lower Into Hole – pump slowly
1701	2001	Fire APC / Insert Probe – compensate (at sampling depth)
1710	2010	Pulled From Sediment
1807	2107	Time when recording was stopped

DATA: ☒ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007C-201907101618 Comments: Orientation tool 1953

Heave - ± 1.5m Overpull 40k

5.29

17#

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 1542A Core Number: 19 Date: 10 July 16
 Water Depth (m): 3874.4 Top Depth of Core (mbsf): 168.6
 Tool ID: 007C Observer(s): IODP
☒ Clock Synchronized? Measured Interval: 1 sec Battery Voltage: 28.78 mV

Choose Measurement Type

☒ APC In Situ

* Full APC = 9.5m Half APC = 4.7m

Top Depth + $\frac{\text{Full stroke? Use APC Length*}}{\text{Partial Stroke? Enter Core Recovery}}$: 95 = Measured Depth (mbsf): 178.1
 Use this value for depth in TPFit

☐ Partial Stroke? or ☐ Full Stroke?

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
08:23	11:23	Time when recording was started
10:58	13:58	Start Down Pipe, Rate: (m/min): <u>110</u>
11:41	14:41	Stop At Mudline – pumps off, 5min
11:46	14:46	Lower Into Hole – pump slowly
11:57	14:57	Fire APC / Insert Probe – compensate (at sampling depth)
12:07	15:07	Pulled From Sediment
		Time when recording was stopped

DATA: ☒ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007C_201907101123 Comments: ORIENTATION: @14:54
Heave = ±2.5m Overpull = 30k.
14:57

4.44

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 1543A Core Number: 16 Date: 10 July

Water Depth (m): 3874.4 Top Depth of Core (mbsf): 140.1

Tool ID: 007C Observer(s): IODP

☒ Clock Synchronized? Measured Interval: 1 sec Battery Voltage: 2856 mV

Choose Measurement Type

☒ APC In Situ

MISFIRE

*Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : 9.5 = Measured Depth (mbsf): 149.6

Use this value for depth in TPFit

☐ Partial Stroke? or ☐ Full Stroke?

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
<u>05:42</u>	<u>06:42</u>	Time when recording was started
<u>06:27</u>	<u>09:27</u>	Start Down Pipe, Rate: (m/min):
<u>07:04</u>	<u>10:04</u>	Stop At Mudline – pumps off, 5min
<u>07:09</u>	<u>10:09</u>	Lower Into Hole – pump slowly
<u>07:13</u>	<u>10:13</u>	Fire APC / Insert Probe – compensate (at sampling depth)
<u>07:24</u>	<u>10:24</u>	Pulled From Sediment
		Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: _____

Comments: ORIENTATION: none

Heave: ± 4m

overspill none

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: U1543A Core Number: 13 Date: 10 July

Water Depth (m): 3874.4 Top Depth of Core (mbsf): 111.6

Tool ID: 07c Observer(s): IODP

☒ Clock Synchronized? Measured Interval: 1 Sec Battery Voltage: 2900 mV

Choose Measurement Type

☒ APC In Situ

* Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length* 9.5 = Measured Depth (mbsf): 121.1
Partial Stroke? Enter Core Recovery

Use this value for depth in TPFit

☐ Partial Stroke? or ☒ Full Stroke?

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): _____ *Use this value for depth in TPFit*

☐ All Systems, Open Borehole

Depth (mbsf): _____ *Use this value for depth in TPFit*

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
2348	0248	Time when recording was started
	0447	Start Down Pipe, Rate: (m/min): <u>100 m/s</u>
	05'25	Stop At Mudline – pumps off, 5min
	05:31	Lower Into Hole – pump slowly
	05:38	Fire APC / Insert Probe – compensate (at sampling depth)
	05:49	Pulled From Sediment
		Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: _____

Comments: ORIENTATION: 05:33

HEAVE 25~31m

overpull wave.

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: 41543A Core Number: 10 Date: 9 July / 10 July

Water Depth (m): 3874.4 Top Depth of Core (mbsf): 83.1

Tool ID: 1858007C Observer(s): IODP

☒ Clock Synchronized? Measured Interval: 1 Sec Battery Voltage: 2909 mV

Choose Measurement Type

☒ APC In Situ

* Full APC = 9.5m Half APC = 4.7m

Top Depth + $\frac{\text{Full stroke? Use APC Length*}}{\text{Partial Stroke? Enter Core Recovery}}$: 95 = Measured Depth (mbsf): 92.6
Use this value for depth in TPFit

☐ Partial Stroke? or ☒ Full Stroke?

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): _____ Use this value for depth in TPFit

☐ All Systems, Open Borehole

Depth (mbsf): _____ Use this value for depth in TPFit

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
<u>1911</u>	<u>2211</u>	Time when recording was started
<u>2107</u>	<u>0007</u>	Start Down Pipe, Rate: (m/min):
<u>2150</u>	<u>0050</u>	Stop At Mudline – pumps off, 5min
<u>2156</u>	<u>0056</u>	Lower Into Hole – pump slowly
<u>1005</u>	<u>0105</u>	Fire APC / Insert Probe – compensate (at sampling depth)
<u>1015</u>	<u>0115</u>	Pulled From Sediment
<u>2300</u>	<u>0200</u>	Time when recording was stopped

DATA: ☒ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007C-201907092211 Comments: Orientation 1st-0100-
Heave-1.5m

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: U1543A Core Number: 07 Date: 9 July

Water Depth (m): 3874.4 Top Depth of Core (mbsf): 54.6

Tool ID: 1858007C Observer(s): IODP

☒ Clock Synchronized? Measured Interval: 1 Sec Battery Voltage: 2933 mV

Choose Measurement Type

☒ APC In Situ

* Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length* 9.5 = Measured Depth (mbsf): 64.1
Partial Stroke? Enter Core Recovery

Use this value for depth in TPFit

☐ Partial Stroke? or ☒ Full Stroke?

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): _____ *Use this value for depth in TPFit*

☐ All Systems, Open Borehole

Depth (mbsf): _____ *Use this value for depth in TPFit*

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
1501	1801	Time when recording was started
1641	1941	Start Down Pipe, Rate: (m/min):
1720	2020	Stop At Mudline – pumps off, 5min
1725	2025	Lower Into Hole – pump slowly
1734	2034	Fire APC / Insert Probe – compensate (at sampling depth)
1744	2044	Pulled From Sediment
1829	2129	Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 1858007C - 201907091801 Comments: _____

Heave 1.5 m Overpull - 0 Orientation OK - 2028-2033

IODP Downhole Temperature Worksheet

Expedition: 383 Site/Hole: U1543A Core Number: 4 Date: 9 July

Water Depth (m): 3874.4 Top Depth of Core (mbsf): 26.1

Tool ID: 007C Observer(s): IODP

☒ Clock Synchronized? Measured Interval: 1 sec Battery Voltage: 2951 mV

Choose Measurement Type

☒ APC In Situ

*Full APC = 9.5m Half APC = 4.7m

Top Depth + Full stroke? Use APC Length*
Partial Stroke? Enter Core Recovery : 9.5 = Measured Depth (mbsf): 35.6

Use this value for depth in TPFit

☐ Partial Stroke? or ☒ Full Stroke?

☐ Probe In Situ

Top Depth + 1m = Measured Depth (mbsf): _____ *Use this value for depth in TPFit*

☐ All Systems, Open Borehole

Depth (mbsf): _____ *Use this value for depth in TPFit*

Comment regarding depth value: _____

☐ Water Sample? Volume Recovered (ml): _____ ☐ Pressure Measured?

Local	GMT	Activity
10:26	13:26	Time when recording was started
12:21	15:21	Start Down Pipe, Rate: (m/min):
12:59	15:59	Stop At Mudline – pumps off, 5min
13:05	16:05	Lower Into Hole – pump slowly
13:15	16:15	Fire APC / Insert Probe – compensate (at sampling depth)
13:26	16:26	Pulled From Sediment
14:17	17:17	Time when recording was stopped

DATA: ☐ Successfully downloaded from tool ☐ Backed up DATA1

Filename: 185807-201907091327 Comments: Orientation Test - 1608-

O = Overpull Heave 1 m