

Vol. 25 to Vol. 26

Sept 14<sup>th</sup> to Sept 27<sup>th</sup>

Aug 27<sup>th</sup> to Sept 14<sup>th</sup>

17 1/2 to 30 1/2





2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

101. *11th* Cut Log 815

No. *23* Date *Sept 14, 09*  
*Sigsbee* Machine. # *1* Reel. *1300*  
 Turns *1695* Cor. + *107* Depth *1802 fms*  
 Shot ~~cast~~ *60 pounds* *CK*  
 Bottom *gl. bot. ooze* *Volcanic*  
 Bottom temperature *35.05* *yl. gy.*  
 No. of thermometer *5111* *Cor.*  
 Corrected temperature  
 Air *63* Surface *50* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.30.55</i>	<i>05.40</i>	0		
<i>31.20</i>	<i>04.30</i>	100		
<i>32.05</i>	<i>03.55</i>	200		
<i>32.55</i>	<i>03.10</i>	300		
<i>33.40</i>	<i>02.25</i>	400		
<i>34.35</i>	<i>01.35</i>	500		
<i>35.30</i>	<i>10.50</i>	600		
<i>36.25</i>	<i>59.05</i>	700		
<i>37.20</i>	<i>57.55</i>	800		
<i>38.20</i>	<i>57.5</i>	900		
<i>39.20</i>	<i>56.5</i>	1000		
<i>40.25</i>	<i>55.10</i>	1100		
<i>41.30</i>	<i>54.15</i>	1200		
<i>42.35</i>	<i>53.20</i>	1300		
<i>43.45</i>	<i>52.20</i>	1400		
<i>44.55</i>	<i>51.20</i>	1500		
<i>46.10</i>	<i>50.15</i>	1600		
<i>47.25</i>	<i>10.49.</i>	1695		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*1105*

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

*1500*  
*1695*  
*1908*

*150*  
*40*  
*107*  
*1695*  
*1802*

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
05				
30				
60				
90				
120				
150				
180				
210				
240				
270				
300				
330				
360				
390				
420				
450				
480				
510				
540				
570				
600				
630				
660				
690				
720				
750				
780				
810				
840				
870				
900				
930				
960				
990				
1000				

REMARKS:

Pat Log. 91.5

No. *P. A. 24* Date *14 Sept. 99*

Sigsbee Machine. # *1* Reel. *Built Up*

Turns *970* Cor. + *70* Depth *1040* fms

Shot or lead *60 lbs* *Oil*

Bottom *Lo. Sa. Oz.* *H.C. 2*

Bottom temperature *72 1/2*

No. of thermometer *80466* Cor. *—*

Corrected temperature

Air *83* Surface *80* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DREDGE ROPE.	
			DOWN.	UP.
<i>12-26.20</i>	<i>44.10</i>	<i>0</i>		
<i>27.25</i>	<i>43.00</i>	<i>100</i>		
<i>28.10</i>	<i>42.15</i>	<i>200</i>		
<i>29.00</i>	<i>41.30</i>	<i>300</i>		
<i>29.50</i>	<i>40.45</i>	<i>400</i>		
<i>30.40</i>	<i>40.00</i>	<i>500</i>		
<i>31.30</i>	<i>39.05</i>	<i>600</i>		
<i>32.25</i>	<i>38.15</i>	<i>700</i>		
<i>33.20</i>	<i>37.20</i>	<i>800</i>		
<i>34.15</i>	<i>36.30</i>	<i>900</i>		
<i>34.50</i>	<i>35.40</i>	<i>970</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

*3603*  
*970*  
*2633*

*153*  
*84*  
*69*  
*970*  
*1039*

		2500	
		2600	
3600	183	2700	
970	85	2800	
<u>783</u>	<u>70</u>	2900	
	970	3000	
	<u>1040</u>	3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
30				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



*F. H. H. Out Log 99.2*

No. *N. A. 25* Date *14 Sept. 99*  
*Sigsbee* Machine # *1* Reel. *Built up*  
 Turns *772* Cor. + *58* Depth *830 fms*  
 Shot or lead *35 lb* glob.  
 Bottom *Uranic Sand* ~~*Sh. Siderite*~~  
 Bottom temperature *38.0* Many fragments  
 No. of thermometer *18144 - 7.65160* Cor.

Corrected temperature  
 Air *83* Surface *80* Drift  
 Trawl or dredge *8 ft Beam Trawl*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1-42.45</i>	<i>2-01.40</i>	0	<i>2.05.50</i>	<i>09 =</i>
<i>43.45</i>	<i>58.20</i>	100	<i>09.20</i>	<i>06.10</i>
<i>44.40</i>	<i>57.40</i>	200	<i>12.50</i>	<i>03.10</i>
<i>45.35</i>	<i>56.50</i>	300	<i>17.10</i>	<i>4-00.05</i>
<i>46.40</i>	<i>56.05</i>	400	<i>22.20</i>	<i>57.00</i>
<i>47.50</i>	<i>55.20</i>	500	<i>25.50</i>	<i>53.50</i>
<i>49.-</i>	<i>54.30</i>	600	<i>28.20</i>	<i>50.40</i>
<i>50.40</i>	<i>53.50</i>	700	<i>30.45</i>	<i>47.20</i>
<i>51.40</i>	<i>53.10</i>	<i>772</i> 800	<i>33.20</i>	<i>43.50</i>
		900	<i>35.40</i>	<i>39.00</i>
		1000	<i>38.15</i>	<i>36.20</i>
		1100	<i>41.10</i>	<i>32.12</i>
		1200	<i>43.20</i>	<i>28.10</i>
		1300	<i>45.25</i>	<i>3-26.30</i>
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*3603*  
*772*  


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*2831*

OK  
 2055  
 21

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200	3603	153
	3300	772	95
	3400	2831	58
	3500		772
	3600		830
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Surface Net Sea 2 30 AM  
 " " in 2 50 "  
 " " Over 2 57 "  
 " " In 3 15 "

Beam Trawl, collapsed.  
 Trawl rope carried away

No.

Date

Sept 14 99

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

S Beam trawl

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	49 30 30	49 50
		100	34 50	46
		200	38 =	42 30
		300	40 45	38 35
		400	43 15	34 35
		500	46 45	30 05
		600	49 25	25 45
		700	52 =	21 25
		800	55 10	17 30
		900	58 20	13 30
		1000	5 = 45	08 =
		1100	05 30	
		1100	08 15	6 03 =
		1200	10 25	58 15
		1300	30 -	
		1300	32 30	55 15
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



*J. W. A.* Pat Log 8.5

No. *A. A. 26* Date *14 Sep. 99*  
*Sigsbee* Machine. #1 Reel. *Built up*  
 Turns *1095* Cor. + *78* Depth *1173 fms.*  
 Shot ~~on lead~~ *35 lbs*  
 Bottom *gy. S. volcanic sand*  
 Bottom temperature *75.4°*  
 No. of thermometer *80485* Cor.  
 Corrected temperature  
 Air *80* Surface *80* Drift  
 Trawl or dredge *Intermediate Opens*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8-19.20</i>	<i>47=</i>	0	<i>8-51.35</i>	<i>47.10</i>
<i>20.45</i>	<i>45.50</i>	100	<i>55.10</i>	<i>42.20</i>
<i>21.45</i>	<i>44.50</i>	200	<i>58.15</i>	<i>38=</i>
<i>22.45</i>	<i>43.50</i>	300	<i>9-01.10</i>	<i>32.50</i>
<i>23.50</i>	<i>43=</i>	400	<i>03.40</i>	<i>27.15</i>
<i>25.10</i>	<i>42.05</i>	<i>450</i> 500	<i>05=</i>	<i>9-24.35</i>
<i>26.30</i>	<i>41.05</i>	600		
<i>27.50</i>	<i>40.03</i>	700		
<i>29.20</i>	<i>39=</i>	800		
<i>30.50</i>	<i>37.50</i>	900		
<i>32.25</i>	<i>36.40</i>	1000		
<i>33.30</i>	<i>8-35.25</i>	<i>1095</i> 1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK  
H. J.

1095  
78  

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1173

3603  
1095  

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2508

153  
75  

---

78

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Surface Net over at 9<sup>00</sup> AM.  
" " in " 9<sup>15</sup> "

Oct. Log. 244

No. *9927* Date *Sept 15 '89*  
*Wheeler* Machine. #1 Reel. *Built up*  
 Turns *638* Cor.  $\pm$  *49* Depth *657 fms.*  
 Shot or lead *35* pounds  
 Bottom *Vol. Part. gylog. drab gray*  
 Bottom temperature *39.5°*  
 No. of thermometer *Wheeler's* Cor.  
 Corrected temperature  
 Air *79* Surface *79* Drift  
 Trawl or dredge *Intermediate open*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6.12.40</i>	<i>6.30.25</i>	0	<i>6.46.20</i>	<i>7.40.35</i>
<i>14.00</i>	<i>29.30</i>	100	<i>50.20</i>	<i>35.50</i>
<i>15.30</i>	<i>28.40</i>	200	<i>53.25</i>	<i>31.10</i>
<i>16.55</i>	<i>27.50</i>	300	<i>56.25</i>	<i>26.30</i>
<i>18.35</i>	<i>26.50</i>	400	<i>59.20</i>	<i>22.30</i>
<i>20.10</i>	<i>25.50</i>	450	<i>7.00.55</i>	<i>7.20.30</i>
<i>21.35</i>	<i>55</i>	500		
<i>22.10</i>	<i>6.24.30</i>	638		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK  
 7503  
 2

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

360.9  
 338  
 292.5

103  
 124  
 228  
 522

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



Pat Log. 35.5

No. *22* Date *17 Sep 99*  
 Sigbee Machine # *1* Reel. *Built Up*  
 Turns *1200* Cor. + *84* Depth *1284 fms.*  
 Shot or lead *35 Lbs.*

Bottom  
 Bottom temperature *73°*  
 No. of thermometer *92442* Cor.  
 Corrected temperature  
 Air *83* Surface *80* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2-21.50</i>	<i>56.20</i>	0		
<i>22.50</i>	<i>55.20</i>	100		
<i>25.10</i>	<i>54.30</i>	200		
<i>28.30</i>	<i>53.50</i>	300		
<i>30.10</i>	<i>53 =</i>	400		
<i>31.35</i>	<i>52.10</i>	500		
<i>33 =</i>	<i>51.15</i>	600		
<i>34.40</i>	<i>50.15</i>	700		
<i>36 =</i>	<i>49.15</i>	800		
<i>38.10</i>	<i>48.12</i>	900		
<i>39.50</i>	<i>47.15</i>	1000		
<i>41.30</i>	<i>46.15</i>	1100		
<i>43.10</i>	<i>2-45 =</i>	1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*3603*  
*1200*  
*2403*

*15<sup>b</sup>*  
*69*  
*84*  
*1200*  
*84*  
*1284*

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Pat Log, 50.1

No. 4229 Date 17 Sep 99  
 Sigbee Machine. 1 Reel. Buick 1st

Turns 1782 Cor. + 111 Depth 1893 fms

Shot or lead 60 #

Bottom L gy glb. of, pale party

Bottom temperature 34.9

No. of thermometer 1111 Casella Cor.

Corrected temperature

Air Surface 50 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
02.15	39.40	0		
03.00	38.40	100		
04.00	38.00	200		
05.10	37.40	300		
06.10	37.00	400		
07.00	36.00	500		
08.00	35.00	600		
09.00	34.10	700		
10.00	33.40	800		
10.50	32.50	900		
11.50	31.50	1000		
12.50	31.00	1100		
13.50	30.10	1200		
15.00	29.30	1300		
16.30	28.40	1400		
18.50	27.50	1500		
19.10	26.40	1600		
20.25	25.50	1700		
21.10	5.24.01	1782		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK  
 2123  
 2123

	2500		
	2600		
	2700		
	2800		
	2900	5603	703
	3000	1782	42
	3100	1821	111
	3200		1782
	3300		1893
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

688

No. *A 30* Date *18*  
 Machine. *Sigsbee* Reel. *Drift*  
 Turns *2325* Cor. + *131* Depth *2456*  
 Shot ~~or lead~~  
 Bottom *Lt gray glob ooze*  
 Bottom temperature *35°*  
 No. of thermometer *Wells, Casella* Cor.  
 Corrected temperature  
 Air *81* Surface *81* Drift  
 Trawl or dredge *Intermediate open*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8. 8 10</i>	<i>58 25</i>	0	<i>9. 20 = 10. 17. 15</i>	
<i>9 00</i>	<i>57 20</i>	100	<i>23.25</i>	<i>11.35</i>
<i>9 25</i>	<i>56 30</i>	200	<i>26.30</i>	<i>06.45</i>
<i>10 35</i>	<i>55 40</i>	300	<i>29.25</i>	<i>70.02 =</i>
<i>11 20</i>	<i>54 55</i>	400	<i>32.15</i>	<i>57.45</i>
<i>12. 10</i>	<i>54.00</i>	<i>2350</i> 500	<i>35.30</i>	<i>9. 55. 25</i>
<i>13. 25</i>	<i>53.05</i>	600		
<i>14. 00</i>	<i>52.20</i>	700		
<i>14. 55</i>	<i>51.35</i>	800		
<i>15. 50</i>	<i>50.25</i>	900		
<i>16. 50</i>	<i>49.25</i>	1000		
<i>17. 50</i>	<i>48.20</i>	1100		
<i>18. 55</i>	<i>47.15</i>	1200		
<i>19. 55</i>	<i>46.10</i>	1300		
<i>21. 00</i>	<i>45.10</i>	1400		
<i>22. 05</i>	<i>44.05</i>	1500		
<i>23. 15</i>	<i>43.05</i>	1600		
<i>24. 25</i>	<i>42.00</i>	1700		
<i>25. 35</i>	<i>40.55</i>	1800		
<i>26. 45</i>	<i>39.50</i>	1900		
<i>28. 00</i>	<i>38.35</i>	2000		
<i>29. 20</i>	<i>37.20</i>	2100		
<i>30. 35</i>	<i>35.55</i>	2200		
<i>31. 55</i>	<i>34.20</i>	2300		
<i>8. 32. 25</i>	<i>33.50</i>	<i>2325</i> 2400		

OK  
H. H. H.

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700	260.3	15.3
	3800	232.5	7.2
	3900	127.8	1.1
	4000		232.5
			262.8

SERIAL TEMPERATURES.

DEPTH	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
30				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Sample not used 9.28 20  
 " " " " 9.48 20

Pat Log 58.1

No. *A. A. 31* Date *19 Sept 99*  
*Sigsbee* Machine # *1* Reel *Built up*  
 Turns *2563* Cor. + *137* Depth *2700 fms*  
 Shot or lead *60 lb.*  
 Bottom *Red Clay*  
 Bottom temperature *35.0*  
 No. of thermometer *Miller's* Cor.  
 Corrected temperature  
 Air *83* Surface *80* Drift  
 Trawl or dredge *Blake* *6 ft.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8.20</i>	<i>9.04.40</i>	0	<i>9.16.20</i>	<i>2.30.00</i>
<i>9.15</i>	<i>03.35</i>	100	<i>20 =</i>	<i>31.10</i>
<i>10.05</i>	<i>02.45</i>	200	<i>33.45</i>	<i>28.10</i>
<i>10.50</i>	<i>02 =</i>	300	<i>26.50</i>	<i>24.50</i>
<i>11.50</i>	<i>01.20</i>	400	<i>29.30</i>	<i>21.15</i>
<i>12.35</i>	<i>9.00.30</i>	500	<i>32.40</i>	<i>17.35</i>
<i>13.30</i>	<i>59.45</i>	600	<i>35.40</i>	<i>14.00</i>
<i>14.30</i>	<i>58.50</i>	700	<i>39 =</i>	<i>09.30</i>
<i>15.25</i>	<i>57.55</i>	800	<i>42.50</i>	<i>06.30</i>
<i>16.25</i>	<i>57 =</i>	900	<i>45.40</i>	<i>2.09.00</i>
<i>17.30</i>	<i>56.05</i>	1000	<i>49.20</i>	<i>56.15</i>
<i>18.30</i>	<i>55.10</i>	1100	<i>52.35</i>	<i>52.20</i>
<i>19.35</i>	<i>54.10</i>	1200	<i>55.35</i>	<i>48.20</i>
<i>20.45</i>	<i>53.15</i>	1300	<i>58.40</i>	<i>44.25</i>
<i>22 =</i>	<i>52.15</i>	1400	<i>10:01.50</i>	<i>40.25</i>
<i>23.10</i>	<i>51.10</i>	1500	<i>05.30</i>	<i>37.00</i>
<i>24.25</i>	<i>50.10</i>	1600	<i>08.10</i>	<i>33.20</i>
<i>25.35</i>	<i>49.05</i>	1700	<i>11.10</i>	<i>29.30</i>
<i>26.45</i>	<i>48.45</i>	1800	<i>14.25</i>	<i>26.50</i>
<i>28 =</i>	<i>47.45</i>	1900	<i>17.50</i>	<i>21.30</i>
<i>29.10</i>	<i>46.30</i>	2000	<i>21.15</i>	<i>17.20</i>
<i>30.25</i>	<i>45.15</i>	2100	<i>24.45</i>	<i>12.40</i>
<i>31.45</i>	<i>44 =</i>	2200	<i>28 =</i>	<i>08.20</i>
<i>33.05</i>	<i>42.40</i>	2300	<i>31.15</i>	<i>1.00.30</i>
<i>34.35</i>	<i>8.40.10</i>	2400	<i>35.40</i>	<i>12.09.00</i>

35.45	39.35	2500	38.05	55.00
36.30	38.00	2600	41.25	49.40
		2700	45 =	44.50
		2800	48.45	41.00
		2900	52 =	39.00
		3000	54.50	35.00
		3100	57.50	26.30
		3200	59.50	20.30
		3300	11-01.30	14.30
		3400	04.25	09.00
		3500	11.20	12.00.30
		3600	11:12.20	11.57.00
		3700		
		3800		
		3900		
		4000		

OK  
~~152~~

3603  
 2563  
 1040

153  
 16  
 137  
 2563  
 2700

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

did come up badly torn

REMARKS:

Surface Net set at 9.42  
 " " in at 10.13  
 Haul at 3000 for 4 min 10 Sec.  
 then set net 2 volume more.  
 Time of taking Burdgo haul.  
 6 hrs 41.30



No.

Evening Date 19 Sept. 99

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air Small Surface Drift

~~Trawl or dredge~~ Intermediate

SOUNDING WIRE.		TURNS.	DREDGE ROPE	
DOWN.	UP.		DOWN.	UP.
		0	6.58.20	54.40
		100	7.02.30	49.40
		200	06.15	45.25
		300	10.00	41.20
		400	13.15	37 =
		450	14.50	35 =
		500		
		600		
		700	300 fms. to	
		800	Surface	
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.	
25					
50					
100					
200					
300					
400	Tinner net not properly secured by net turned inside out 2 eggs				
500					
600					
700					
800					
900					
1000					

REMARKS:

Surface net over 6.59.30  
 1 net 7.20.  
 Disturbance net over 6.58.  
 1 net

F. M. H.

Out log. 86.8

No. *A. A. 32* Date *20 Sept 99*

*Sigsbee* Machine. #1 Reel. Built up

Turns *2319* Cor. + *132* Depth *2451 fms.*

Shot or lead *60 lb.*

Bottom *Red Clay with Amorphous*

Bottom temperature *35°*

No. of thermometer *Miller Casella* Cor.

Corrected temperature

Air *82* Surface *80* Drift

Trawl or dredge *Open Intermediate. 1 q*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>06.50</i>	<i>55.40</i>	<i>0</i>	<i>9.06.50</i>	<i>07 =</i>
<i>07.35</i>	<i>54.45</i>	<i>100</i>	<i>11 =</i>	<i>10:03.30</i>
<i>08.25</i>	<i>54 =</i>	<i>200</i>	<i>14.10</i>	<i>58.20</i>
<i>09.10</i>	<i>53.10</i>	<i>300</i>	<i>18.45</i>	<i>54.</i>
<i>10 =</i>	<i>52.20</i>	<i>400</i>	<i>23.30</i>	<i>49.40</i>
<i>10.50</i>	<i>51.35</i>	<i>450</i>	<i>26 =</i>	<i>9.46.50</i>
<i>11.40</i>	<i>50.50</i>	<i>500</i>		
<i>12.35</i>	<i>50.05</i>	<i>600</i>		
<i>13.30</i>	<i>49.15</i>	<i>700</i>		
<i>14.30</i>	<i>48.25</i>	<i>800</i>		
<i>15.30</i>	<i>47.30</i>	<i>900</i>		
<i>16.30</i>	<i>46.35</i>	<i>1000</i>		
<i>17.30</i>	<i>45.40</i>	<i>1100</i>		
<i>18.35</i>	<i>44.40</i>	<i>1200</i>		
<i>19.40</i>	<i>43.40</i>	<i>1300</i>		
<i>20.45</i>	<i>42.35</i>	<i>1400</i>		
<i>21.45</i>	<i>41.30</i>	<i>1500</i>		
<i>22.55</i>	<i>40.30</i>	<i>1600</i>		
<i>24.05</i>	<i>39.20</i>	<i>1700</i>		
<i>25.15</i>	<i>38 =</i>	<i>1800</i>		
<i>26.25</i>	<i>36.30</i>	<i>1900</i>		
<i>27.40</i>	<i>35 =</i>	<i>2000</i>		
<i>29 =</i>	<i>33.50</i>	<i>2100</i>		
<i>30.15</i>	<i>32.40</i>	<i>2200</i>		
<i>30.40</i>	<i>31.50</i>	<i>2300</i>		
		<i>2319</i>		

*300 fms to surface.*

511  
9103

3603  
1919  

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1284

153  
21  

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132  
2319  

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2451

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200	Good haul			
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Surface Net down at 9.15  
" " " " 9.38

No. *A 33* Date *Sept 20 1899*  
 Sigsbee Machine #1 Reel. *Built up*  
 Turns *2393* Cor. + *134* Depth *2527 fms*  
 Shot or lead *60 #*  
 Bottom *Red Clay*  
 Bottom temperature *35.1*  
 No. of thermometer *Wiley Gamble* Cor.  
 Corrected temperature  
 Air *83* Surface *81* ✓ Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.03.00</i>	<i>51.10</i>	0		
<i>03.40</i>	<i>50.20</i>	100		
<i>04.25</i>	<i>49.40</i>	200		
<i>05.10</i>	<i>48.55</i>	300		
<i>06.00</i>	<i>48.05</i>	400		
<i>06.50</i>	<i>47.20</i>	500		
<i>07.40</i>	<i>46.30</i>	600		
<i>08.25</i>	<i>45.45</i>	700		
<i>09.20</i>	<i>45.00</i>	800		
<i>10.20</i>	<i>44.10</i>	900		
<i>11.20</i>	<i>43.20</i>	1000		
<i>12.15</i>	<i>42.30</i>	1100		
<i>13.15</i>	<i>41.40</i>	1200		
<i>14.20</i>	<i>40.40</i>	1300		
<i>15.25</i>	<i>39.40</i>	1400		
<i>16.30</i>	<i>38.50</i>	1500		
<i>17.40</i>	<i>37.55</i>	1600		
<i>18.50</i>	<i>37.00</i>	1700		
<i>20.00</i>	<i>36.05</i>	1800		
<i>21.10</i>	<i>35.10</i>	1900		
<i>22.25</i>	<i>34.10</i>	2000		
<i>23.40</i>	<i>33.05</i>	2100		
<i>25.00</i>	<i>32.00</i>	2200		
<i>26.20</i>	<i>31.00</i>	2300		
<i>27.30</i>	<i>30.30</i>	<i>2393</i>		

OK H.C.F. 2	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100	3603	103
	3200	2393	19
	3300	1210	134
	3400		2393
	3500		2527
	3600		
	3700		
3800			
3900			
4000			

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P. 2  
 To 17' N. of a point on a line  
 joining the Deputies of Ashby &  
 Child, reckoned from about the  
 middle of the space between the  
 two islands -  
 H.O. chart 877 - 25<sup>th</sup> July 1872.

Pat Log 54.

No. *34* Date *20 Sept 99*

*Sigsbee* Machine. #1 Reel. *Built up*

Turns *1128* Cor. + *80* Depth *1208*

Shot or lead *35 pound*

Bottom *gl. b. gy. lt. gy.*

Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *81* Surface *81* ✓ Drift

Trawl or dredge

*PMU*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6 48</i>	<i>1.330</i>	0		
<i>49</i>	<i>1.240</i>	100		
<i>50</i>	<i>1.155</i>	200		
<i>51</i>	<i>1.105</i>	300		
<i>52.5</i>	<i>1.010</i>	400		
<i>53.10</i>	<i>09.15</i>	500		
<i>54.15</i>	<i>08.30</i>	600		
<i>55.25</i>	<i>07.30</i>	700		
<i>56.35</i>	<i>06.35</i>	800		
<i>57.50</i>	<i>05.40</i>	900		
<i>7.00.00</i>	<i>04.45</i>	1000		
<i>01.20</i>	<i>03.45</i>	1100		
<i>01.45</i>	<i>03.25</i>	<i>1128</i> 1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

H.C. 2  
2

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

3603	153
1128	73
<hr/>	<hr/>
2475	20
	1128
	<hr/>
	7208

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

700<sup>2</sup>  
Distant about 2½' N.W. (true)  
from the entrance to Ahai Sapooni-



*J. W. H. Pat Log 100*

No. *2, 9. 35* Date *21 Sept 99*  
*Sigsbee* Machine. *#1* Reel. *Built up*

Turns *1369* Cor. + *93* Depth *1463 fms.*  
 Shot ~~or lead~~ *35 lb.*

Bottom *lt. gy. G. gl. pag*  
 Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *80* Surface *80* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1-23</i>	<i>1. 50.10</i>	0		
<i>23.55</i>	<i>48.55</i>	100		
<i>24.35</i>	<i>48 =</i>	200		
<i>25.20</i>	<i>47.05</i>	300		
<i>26 =</i>	<i>46.20</i>	400		
<i>26.45</i>	<i>45.30</i>	500		
<i>27.30</i>	<i>44.30</i>	600		
<i>28.20</i>	<i>43.30</i>	700		
<i>29.15</i>	<i>42.35</i>	800		
<i>30.10</i>	<i>41.30</i>	900		
<i>31.05</i>	<i>40.30</i>	1000		
<i>32 =</i>	<i>39.25</i>	1100		
<i>33 =</i>	<i>38.30</i>	1200		
<i>34 =</i>	<i>37.25</i>	1300		
<i>34.50</i>	<i>136.35</i>	<i>1369</i>		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*3603*  
*1369*  


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*2234*

*153*  
*60*  


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*93*  


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*1369*  


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*1462*

OK  
H.C. 2

2500		
2600		
2700		
2800		
2900		
3000		
3100		
3200		
3300		
3400		
3500		
3600		
3700	2603	123
3800	1364	59
3900	2284	94
4000		1389

1463

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *114* Date *21 Dec 99*  
*P. Log. 30-*  
 Machine *#1* Reel *Bush up*  
 Turns *556* Cor.  $\mp$  *50* Depth *706 fms*  
 Shot or lead *#60*  
 Bottom *Vol. rocks*  
 Bottom temperature  
 No. of thermometer *NONE* Cor.  
 Corrected temperature  
 Air *79* Surface *80* ✓ Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5.52.10</i>	<i>6.02.30</i>	0		
<i>53.50</i>	<i>01.48</i>	100		
<i>53.30</i>	<i>01.00</i>	200		
<i>54.15</i>	<i>6.00.20</i>	300		
<i>55.00</i>	<i>59.40</i>	400		
<i>55.40</i>	<i>58.50</i>	500		
<i>56.30</i>	<i>57.45</i>	600		
<i>57.00</i>	<i>56.50</i>	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

HO 3

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200	5603	103
	3300	656	100
	3400	2947	50
	3500		656
	3600		706
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

P 23

REMARKS:

About 16' N.E. (true) of Avatorua Pass, Rangiroa Atoll.

*J.M.H. Cat Log*

No. *A. 37* Date *24 Sept. 99.*

Tanner Machine. Reel.

Turns *107* Cor. + Depth *111 fms.*

Shot or lead *26 lbs.*

Bottom *Crat. sand*

Bottom temperature *None*

No. of thermometer *None* Cor.

Corrected temperature

Air *82* Surface *80* ✓ Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.05</i>	<i>14 =</i>	0		
<i>.07</i>	<i>11.05</i>	100		
<i>07.30</i>	<i>7-10.30</i>	<del>104</del> <i>200</i>		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*3603*  
*107*  

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*3496*

*153*  
*145*  

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*8*  
*104*  

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*112*

	2500		
	2600		
	2700		
	2800		
	2900	496	15
	3000	107	8
	3100	<u>389</u>	<u>4</u>
	3200		107
	3300		<u>111</u>
	3400		
	3500	<del>3658</del>	153
	3600	<del>107</del>	
	3700		
	3800		
	3900		
	4000		

OK  
H.C. 2

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

This position is about 1/2 mile North (true) of the Head of Brander Island, or about 1/2 mile North of the entrance to Anvers Pass, Cairns Island.

Soundings 37 to 43 fathoms are being taken for the purpose of sounding.

*F. W. H.* Cat Log 73.3

No. *A. A. 38* Date *24 Sept 99*

*Sigsbee* Machine. # *1* Reel. *Built up.*

Turns *561* Cor. + *43* Depth *604 fms.*

Shot or lead *35 lbs.*

Bottom *Broken Shells*

Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *82* Surface *80* ✓ Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7 31.50</i>	<i>43.25</i>	0		
<i>33 =</i>	<i>42.35</i>	100		
<i>34 =</i>	<i>41.55</i>	200		
<i>35 =</i>	<i>41.20</i>	300		
<i>36 =</i>	<i>40.30</i>	400		
<i>37.05</i>	<i>39.50</i>	500		
<i>37.30</i>	<i>7-39.10</i>	<i>561</i> 600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*3603*  
*561*  
*3042*

*15-3*  
*110*  
*43*  
*561*  
*604*

OK  
100  
150

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400	2603	153
	3500	561	110
	3600	3042	43
	3700		661
	3800		604
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
500				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



No. *4639* Date *24 Sep 99*  
*Register* Machine #1 Reel. *Build up.*  
 Turns *599* Cor. + *46* Depth *645 fms*

Shot or lead *35 lb*  
 Bottom *fine Coral sand*  
 Bottom temperature  
 No. of thermometer *None* Cor.  
 Corrected temperature  
 Air *81* Surface *80* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.09.00</i>	<i>11.00</i>	0		
<i>07.10</i>	<i>10.10</i>	100		
<i>07.20</i>	<i>09.30</i>	200		
<i>07.25</i>	<i>09.00</i>	300		
<i>07.25</i>	<i>08.15</i>	400		
<i>07.25</i>	<i>07.30</i>	500		
<i>07.40.30</i>	<i>8.06.30</i>	<i>599</i>		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500		
	2600		
	2700		
	2800		
	2900	3603	113
	3000	599	107
	3100	3004	46
	3200		599
	3300		645
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

57  
1100  
2

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat 19-25

No. *A.A. 40* Date *24<sup>th</sup> Sep. 1899*

Sigsbee Machine. # *4* Reel. *Wright up*

Turns *614* Cor. + *46* Depth *661 fms*

Shot ~~35~~ *35*

Bottom *Coral sand, Glob. or. and*

Bottom temperature *many minor fragments*

No. of thermometer *none* Cor.

Corrected temperature

Air *91* Surface *80* ✓ Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>8. 22. 20</i>	<i>8. 35. 20</i>	0		
<i>23. 05</i>	<i>32. 50</i>	100		
<i>23. 50</i>	<i>32. 10</i>	200		
<i>24. 45</i>	<i>31. 30</i>	300		
<i>25. 50</i>	<i>30. 50</i>	400		
<i>26. 50</i>	<i>30. 15</i>	500		
<i>28. 00</i>	<i>29. 00</i>	<i>614</i>		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500		
	2600		
	2700		
OK NO. 2	2800	2602	253
	2900	614	106
	3000	2989	47
	3100		614
	3200		664
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
45				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Oct Log 77.8

No. *A. A. 41* Date *24<sup>th</sup> Sep. 1899*

*Sigsbee* Machine. #1 Reel. *Bull's eye*

Turns *635* Cor. + *50* Depth *684 fms*

Shot or lead *35 #*

Bottom *Glob. Coral Sand Volcanic*

Bottom temperature *none* *partially*

No. of thermometer \_\_\_\_\_ Cor. \_\_\_\_\_

Corrected temperature \_\_\_\_\_

Air *81* Surface *81* ✓ Drift \_\_\_\_\_

Trawl or dredge \_\_\_\_\_

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>8. 12.05</i>	<i>9. 03.40</i>	0		
<i>52. 50</i>	<i>02. 50</i>	100		
<i>53. 40</i>	<i>02. 05</i>	200		
<i>54. 25</i>	<i>01. 50</i>	300		
<i>55. 15</i>	<i>01. 50</i>	400		
<i>56. 20</i>	<i>9. 00. 10</i>	500		
<i>57. 35</i>	<i>59. 30</i>	600		
<i>8. 58. 00</i>	<i>8. 59. 00</i>	<i>635</i>		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500		
	2600		
	2700		
<u>57</u> <u>100</u>	2800	2800	253
	2900	635	10.4
	3000	2965	49
	3100		65
	3200		684
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

O. Log 10.3

No. *A. 47* Date *24 Sep 1899*  
*Algonquin* Machine. *#1* Reel. *Reel 10*  
 Turns *762* Cor. + *57* Depth *819 fms*  
 Shot or lead *35#*  
 Bottom *Sh. of volcanic particles +*  
 Bottom temperature *none* *Good surf.*  
 No. of thermometer *none* Cor.  
 Corrected temperature  
 Air *8V* Surface *81* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9. 23.30</i>	<i>9. 38.20</i>	0		
<i>24.15</i>	<i>37.50</i>	100		
<i>25.00</i>	<i>37.00</i>	200		
<i>26.00</i>	<i>36.10</i>	300		
<i>27.00</i>	<i>35.30</i>	400		
<i>28.00</i>	<i>34.50</i>	500		
<i>29.10</i>	<i>34.00</i>	600		
<i>30.30</i>	<i>33.15</i>	700		
<i>9. 31.20</i>	<i>9. 32.20</i>	<del>762</del> <i>762</i>		
		800		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK  
1000  
2

	2500		
	2600		
	2700		
	2800	3600	150
	2900	762	96
	3000	2841	57
	3100		762
	3200		819
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



007.

Pat. Log 221

No. 143 Date 24 Sept 19

Sigsbee Machine, Reel. 1000

Turns 317 Cor. + 25 Depth 342

Shot or lead 35 pounds

Bottom Coral sand yellow mud

Bottom temperature

No. of thermometer 6000 Cor.

Corrected temperature

Air 89 Surface 82 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
29.30	54.15	0		
40.30	53.10	100		
49.30	52.25	200		
58.30	51.40	300		
59.50	51.30	317		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK  
H.C.S.

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200	31.3	113
	3300	30.7	129
	3400	32.6	7.1
	3500		31.7
	3600		34.1
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *1111* Date *5th Sept 09*  
 Machine. Reel.  
 Turns *362* Cor. + *29* Depth *391 fms*  
 Shot or lead *35 pound*  
 Bottom *Coast sand Marine shells silt*  
 Bottom temperature  
 No. of thermometer Cor.  
 Corrected temperature  
 Air *72* Surface *82* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3:50</i>	<i>45:30</i>	0		
<i>4:10</i>	<i>45:45</i>	100		
<i>4:30</i>	<i>46:00</i>	200		
<i>4:50</i>	<i>47:10</i>	300		
<i>5:10</i>	<i>48:35</i>	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK J.P.P.	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700	3600	1200
	3800	3200	29
3900			
4000			

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
75				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*F. M. W.* Cat Log 25.6

No. *A. A. 45* Date *24 Sept. 99*  
 Sigsbee Machine #1 Reel. *Built up*  
 Turns *485* Cor. + *39* Depth *524 fms.*  
 Shot or lead *35 lbs.*  
 Bottom *Coral sand & broken shells*  
 Bottom temperature  
 No. of thermometer *None* Cor.  
 Corrected temperature  
 Air *53* Surface *82* ✓ Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>H= 9.40</i>	<i>18.40</i>	0		
<i>10.25</i>	<i>17.50</i>	100		
<i>11.15</i>	<i>17.10</i>	200		
<i>12.05</i>	<i>16.30</i>	300		
<i>13 =</i>	<i>15.35</i>	400		
<i>14</i>	<i>4-14.40</i>	<i>485</i> 500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*3603*  
*485*  
*3118*

*153*  
~~*14*~~  
~~*13*~~  
~~*12*~~  
~~*11*~~  
~~*10*~~  
~~*9*~~  
~~*8*~~  
~~*7*~~  
~~*6*~~  
~~*5*~~  
~~*4*~~  
~~*3*~~  
~~*2*~~  
~~*1*~~

*153*  
*114*  
*39*  
*485*  
*24*

OK  
H. H. H.

8603  
485  
3118

153  
114  
37  
482  
520

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
95				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*J. P. ...*

*Cat Log 27.6*

No. *A. A. 46* Date *24 Sept. 99*  
 Sigsbee Machine # *1* Reel. *Built Apr.*  
 Turns *417* Cor. + *33* Depth *450 fms.*  
 Shot or lead *35 lbs*  
 Bottom *fm. gy. & blue clay*  
 Bottom temperature  
 No. of thermometer *None* Cor.  
 Corrected temperature  
 Air *83* Surface *80* ✓ Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>4-37.85</i>	<i>45.30</i>	0		
<i>38.25</i>	<i>44.40</i>	100		
<i>39.15</i>	<i>44 =</i>	200		
<i>40.10</i>	<i>43.20</i>	300		
<i>41 =</i>	<i>42.20</i>	400		
<i>41.15</i>	<i>41.10</i>	<i>417</i> 500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*360  
417  
3186*

*153  
120  
33  
417  
450*

OK  
 ACS  
 4

3607  
 417  
 318.6

153  
 170  
 33  
 417  
 450

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



Pat Log 30710

No. *A.D. 47* Date *24 Sept 99*  
*Sigsbee* Machine. # *1* Reel. Built Ups  
 Turns *710* Cor. + *99* Depth *764*  
 Shot or lead *35 lb.*  
 Bottom *Coar. sh. s. f. v. l. m.*  
 Bottom temperature  
 No. of thermometer *2000* Cor.  
 Corrected temperature  
 Air *81* Surface *80* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5-13.15</i>	<i>20.15</i>	0		
<i>14.15</i>	<i>20.15</i>	100		
<i>15 =</i>	<i>20.15</i>	200		
<i>15.55</i>	<i>20.20</i>	300		
<i>16.50</i>	<i>20.00</i>	400		
<i>18 =</i>	<i>20.11</i>	500		
<i>19 =</i>	<i>20.25</i>	600		
<i>20-25</i>	<i>21.20</i>	700		
<i>20.30</i>	<i>21.10</i>	<i>710</i>		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

3603  
710  

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2893

153-  
94  

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54  
710  

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764

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Cat Log 35.6

No. *a. a. 48* Date *24 Sept '99*  
*Sigsbee* Machine # *1* Reel *Built Up*  
 Turns *835* Cor. + *62* Depth *897 fms.*  
 Shot or lead *35 lb.*

Bottom  
 Bottom temperature *Wet. Sur. Under's Pair*  
 No. of thermometer *None* Cor.  
 Corrected temperature  
 Air *80* Surface *80* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6-18.50</i>	<i>24.40</i>	0		
<i>09.40</i>	<i>24 =</i>	100		
<i>10.25</i>	<i>23.20</i>	200		
<i>11.15</i>	<i>22.35</i>	300		
<i>12.10</i>	<i>21.50</i>	400		
<i>13.10</i>	<i>21.10</i>	500		
<i>14.12</i>	<i>20.20</i>	600		
<i>15.20</i>	<i>19.40</i>	700		
<i>16.35</i>	<i>18.40</i>	800		
<i>17 =</i>	<i>6-18.10</i>	<i>835</i> 900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		2500	
		2600	
400		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
	153	3400	
	91	3500	
3613	<hr/>	3600	
835	62	3700	
	835	3800	
2768	<hr/>	3900	
	597	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Sept 25<sup>th</sup> 1899

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

Air

Surface

Drift

Trawl or dredge

*Surface net*  
*Lower*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

14° 53' 30" South	2500
147° 48' 30" West	2600
	2700
	2800
	2900
	3000
	3100
	3200
	3300
	3400
	3500
	3600
	3700
	3800
	3900
	4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Surfaces not over at 800 f  
 " " " " 816 f

1771 *Pat Log 53.2.*

No. *A 49* Date *25 Sep 99*  
*Sigsbee* Machine. *1* Reel. *Built up*  
 Turns *1048* Cor. + *75* Depth *1123*  
 Shot or lead *35 pound* *OK*  
 Bottom *Coral sand silt* *Not particles*  
 Bottom temperature  
 No. of thermometer *None* Cor.  
 Corrected temperature  
 Air *75* Surface *80* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.55</i>	<i>1.18.55</i>	0		
<i>56.55</i>	<i>17.55</i>	100		
<i>57.45</i>	<i>17.10</i>	200		
<i>58.35</i>	<i>16.25</i>	300		
<i>59.20</i>	<i>15.35</i>	400		
<i>1.00.30</i>	<i>14.05</i>	500		
<i>01.45</i>	<i>13.35</i>	600		
<i>03.00</i>	<i>12.35</i>	700		
<i>04.25</i>	<i>11.45</i>	800		
<i>05.40</i>	<i>10.55</i>	900		
<i>07.05</i>	<i>09.55</i>	1000		
<i>07.55</i>	<i>08.15</i>	<i>1048</i>		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 25' S

148° 08' W

HOA  
T

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

3603

1048

2555

153

78

75

1048

1123

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



# Cat Log. 65

*107*  
*107*

No. *1391* Date *25 Sep. 99*  
 Sigsbee Machine. # *1* Reel. *White*  
 Turns *1391* Cor. + *95* Depth *1486 fms.*  
 Shot or lead *60 lb.*  
 Bottom *glot size Vol part*  
 Bottom temperature  
 No. of thermometer *None* Cor.  
 Corrected temperature  
 Air *77* Surface *80* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5-03.10</i>	<i>29.50</i>	0		
<i>03.50</i>	<i>29 =</i>	100		
<i>04.35</i>	<i>28.20</i>	200		
<i>05.25</i>	<i>27.30</i>	300		
<i>06.20</i>	<i>26.50</i>	400		
<i>07.10</i>	<i>26.10</i>	500		
<i>08.10</i>	<i>25.25</i>	600		
<i>09 =</i>	<i>24.35</i>	700		
<i>09.55</i>	<i>23.45</i>	800		
<i>11 =</i>	<i>22.55</i>	900		
<i>12 =</i>	<i>22 =</i>	1000		
<i>13 =</i>	<i>21.10</i>	1100		
<i>14.05</i>	<i>20 =</i>	1200		
<i>15.15</i>	<i>18.50</i>	1300		
<i>16.10</i>	<i>17.30</i>	1391		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 25' 10" S

145° 24.4' W

JK  
AES  
K

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

103  
58  
95  
1391  
486  
1

3503  
1391  
2212

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

801.

95.4

No. *09. 51* Date *25 Feb 1897*

*Sigsbee* Machine. *4* Reel. *Build up*

Turns *488* Cor. + *36* Depth *488 fms*

Shot or lead *35*

Bottom *Coar. gy. s. - coarse*

Bottom temperature

No. of thermometer *7000* Cor.

Corrected temperature

Air *50* Surface *50* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9.17.40</i>	<i>4.52.10</i>	0		
<i>48.20</i>	<i>51.30</i>	100		
<i>50.40</i>	<i>50.30</i>	200		
<i>52.00</i>	<i>49.10</i>	300		
<i>53.20</i>	<i>47.50</i>	400		
	<i>46.30</i>	<i>452</i>		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 02' S

148° 24' W

GC  
 11/11/11  
 24

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

2600	103
2700	117
2800	310
2900	452
3000	488

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *1052* Date *20<sup>th</sup> Sept. 1899*  
 Machine. *#7* Reel. *Out up!*  
 Turns *672* Cor. + *48* Depth *670 fms*  
 Shot or lead *35#*  
 Bottom *Sandy mud*  
 Bottom temperature  
 No. of thermometer *4112* Cor.  
 Corrected temperature  
 Air *50* Surface *80* ✓ Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10:10</i>	<i>10:20</i>	0		
<i>11:40</i>	<i>21:20</i>	100		
<i>12:40</i>	<i>20:40</i>	200		
<i>13:40</i>	<i>20:00</i>	300		
<i>14:40</i>	<i>19:30</i>	400		
<i>15:40</i>	<i>18:50</i>	500		
<i>16:30</i>	<i>18:00</i>	600		
<i>17:00</i>	<i>17:40</i>	<i>672</i>		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 01.7' S -

148° 25' W

916  
205  
7

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

3600	103
622	105
2981	48
	622
	670

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4153 Date 25<sup>th</sup> Feb 1891  
 Spec. Machine # Reel. Reel 115  
 Turns 716 Cor. + 56 Depth 782 fms.  
 Shot or lead 35 #  
 Bottom wh. Planopod etc. few brachiopods  
 Bottom temperature partial  
 No. of thermometer 4765 Cor.  
 Corrected temperature  
 Air 50 Surface 51 Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.15	10.54.00	0		
4.20	51.20	100		
44.10	54.40	200		
45.00	51.00	300		
46.00	50.20	400		
47.00	52.40	500		
48.10	51.20	600		
49.50	51.00	700		
50.00	10 50.40	726		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 01' S.

148° 27' W.

916  
 1100  
 1100  
 1100  
 1100

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

2600 113  
 726 97  
 2877 156  
 726  
 782

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



101. 6

No. 324 Date 25 Aug 1879  
 Machine. #4 Reel. Reel up  
 Turns 90 Cor. + 60 Depth 150 fms  
 Shot or lead 35  
 Bottom Retropod oys. Shells wh  
 Bottom temperature  
 No. of thermometer 7100 Cor.  
 Corrected temperature  
 Air 70 Surface 81 Drift  
 Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.53.00	11.40.00	0		
23.50	37.15	100		
24.30	36.30	200		
25.30	35.10	300		
26.30	34.10	400		
27.30	33.00	500		
28.30	31.40	600		
29.40	30.17	700		
11.36.00	11.31.00	800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 00.3' S

148° 20.2' W

OK  
~~100~~

2500  
 2600  
 2700  
 2800  
 2900  
 3000  
 3100  
 3200  
 3300  
 3400  
 3500  
 3600  
 3700  
 3800  
 3900  
 4000

3603	113
790	9
2813	60
	<u>790</u>
	850

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



14° 58' 6 S,

148° 35' 7 W

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

AC 5  
2

7 1/2  
28 1/2

2 1/2  
28 1/2  
28 1/2

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat Long 15.6

No. *2955* Date *25 Sept 39*  
 Machine. *Sigsbee* Reel. *Smith*  
 Turns *660* Cor. + *51* Depth *711 fms*  
 Shot or lead *35 lb*  
 Bottom *Pteropod gy. wh.*  
 Bottom temperature  
 No. of thermometer Cor.  
 Corrected temperature  
 Air *79* Surface *81* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.58.30</i>	<i>2.11.25</i>	0		
<i>59.20</i>	<i>10.30</i>	100		
<i>2.00.10</i>	<i>09.45</i>	200		
<i>01.05</i>	<i>08.55</i>	300		
<i>02.00</i>	<i>08.05</i>	400		
<i>03.00</i>	<i>07.20</i>	500		
<i>04.05</i>	<i>06.30</i>	600		
<i>04.55</i>	<i>05.50</i>	<i>660</i>		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

14° 56' S

148° 44' W

1427  
2

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

360.3  
662  
2743

103  
102  
51  
209  
711

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Pat. Log. 187

No. *A A 57* Date *25 Sept 99*

*Sigsbee* Machine. *1* Reel. *Built up*

Turns *450* Cor. + *36* Depth *486*

Shot or lead *35 pounds*

Bottom *Coarse Coral sand Yds part*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *79* Surface *80* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2:22.25</i>	<i>2:50.30</i>	0		
<i>43.20</i>	<i>49.50</i>	100		
<i>44.05</i>	<i>49.10</i>	200		
<i>45.00</i>	<i>48.30</i>	300		
<i>46.05</i>	<i>47.50</i>	400		
<i>46.40</i>	<i>47.25</i>	<i>450</i>		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

14° 53.3 S

148° 41.5 W

1000  
2

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

3600  
450  
4150

400  
117  
36  
450  
486

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



*Mitchell*. Out Log 34 =

No. *258* Date *25 Sept 99*

Machine. *Sigsbee* Reel. *Public*

Turns *596* Cor. + *46* Depth *642 fms*

Shot or lead *35 pounds*

Bottom

Bottom temperature *Coral sand*

No. of thermometer *None* Cor.

Corrected temperature

Air *81* Surface *80* ✓ Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>H-49 =</i>	<i>01.30</i>	0		
<i>49.50</i>	<i>5-00.50</i>	100		
<i>50.40</i>	<i>59.55</i>	200		
<i>51.30</i>	<i>58.10</i>	300		
<i>52.30</i>	<i>57.25</i>	400		
<i>53.40</i>	<i>56.30</i>	500		
<i>54.40</i>	<i>H-55.30</i>	<i>596</i> 600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

14° 51.8' S

148° 51.3' W

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

3603  
596  
3007

153  
107  
46  
596  
642

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507  
*Smith*

Out Log 39.6

No. *A. A. 59* Date *25 Sept 99*

Sigsbee Machine #1 Reel. *Built up.*

Turns *800* Cor. + *60* Depth *860 fms.*

Shot or lead *35 lbs*

Bottom *gl. & coral sand, Oleanite*  
*Car*

Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *80* Surface *80* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6-03.20</i>	<i>19.30</i>	0		
<i>04.05</i>	<i>18.40</i>	100		
<i>04.50</i>	<i>18.-</i>	200		
<i>05.40</i>	<i>17.15</i>	300		
<i>06.40</i>	<i>16.25</i>	400		
<i>07.40</i>	<i>15.35</i>	500		
<i>08.55</i>	<i>14.45</i>	600		
<i>10.15</i>	<i>13.50</i>	700		
<i>11.30</i>	<i>6-12.40</i>	800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

14° 56' S

148° 54' W

~~HOA~~

3603  
800  
-----  
2803

153  
93  
-----  
60  
500  
-----  
860

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

~~Area under and around  
away at this time, being  
supplied temp and small  
cap.~~

Sketch

Pat Log 44:3

No. *A.A. 60* Date *25 Sept 99*  
 Signal Machine. *#1* Reel. *Built Up.*  
 Turns *1175* Cor. + *82* Depth *1257 fms.*  
 Shot or lead *35 lb.*  
 Bottom *Coral sand, Glob, Sponges*  
 Bottom temperature *Pat*  
 No. of thermometer *None* Cor.  
 Corrected temperature  
 Air *78* Surface *80* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7-20.40</i>	<i>43.10</i>	0		
<i>21.30</i>	<i>42.30</i>	100		
<i>22.10</i>	<i>41.50</i>	200		
<i>23 =</i>	<i>41.10</i>	300		
<i>23.50</i>	<i>40.35</i>	400		
<i>24.50</i>	<i>40 =</i>	500		
<i>25.50</i>	<i>39.20</i>	600		
<i>26.50</i>	<i>38.35</i>	700		
<i>28 =</i>	<i>37.55</i>	800		
<i>29.10</i>	<i>37.10</i>	900		
<i>30.25</i>	<i>36.20</i>	1000		
<i>31.45</i>	<i>35.20</i>	1100		
<i>33 =</i>	<i>7-34.20</i>	<i>1175</i>		
		<del>1200</del>		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 00.5' S	2500	148° 52' W
Hea	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
153	3300	
71	3400	
<u>82</u>	3500	
3603	3600	
1175	3700	
<u>2428</u>	3800	
1175	3900	
<u>1257</u>	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Pat. 952.9 ✓

No. 2261 Date Dec 25<sup>th</sup> 99  
 Machine Sigsbee Reel Reel 115  
 Turns 1762 Cor. + 105 Depth 1762  
 Shot or lead 60#  
 Bottom lt gy gy glob  
 Bottom temperature  
 No. of thermometer None Cor.  
 Corrected temperature  
 Air 77 Surface 79 ✓ Drift  
 Trawl or dredge

est. 11m  
apt.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.37.30	15.10	0		
37.30	14.30	100		
39.10	13.50	200		
40.00	13.10	300		
40.45	12.30	400		
41.30	11.50	500		
42.30	10.30	600		
43.20	09.40	700		
44.20	08.40	800		
45.10	07.30	900		
46.10	06.30	1000		
47.15	05.30	1100		
48.20	04.30	1200		
49.20	02.00	1300		
50.30	11.01.00	1400	14	
51.35	59.00	1500		
52.40	56.00	1600		
53.20	10.55.30	1667		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 16' S.

148° 46' W

Hea  
4

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

3603 153  
1657 48  
1946 105  
1657  
~~1657~~  
1762

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Thin garnet at base  
are, looking south  
are small but 2 fine  
with



Pat Log 711

No. *62* Date *26 Sept 99*

*Sigsbee* Machine. *#1* Reel. *Beckett up*

Turns *2142* Cor. + *125* Depth *2267*

Shot or lead *60 pound*

Bottom *gy. oz. grs.*

Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *78* Surface *80* ✓ Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>3.05.15</i>	<i>5315</i>	0		
<i>08.10</i>	<i>5230</i>	100		
<i>08.55</i>	<i>5155</i>	200		
<i>09.35</i>	<i>5105</i>	300		
<i>10.25</i>	<i>5015</i>	400		
<i>11.10</i>	<i>4930</i>	500		
<i>12.00</i>	<i>4835</i>	600		
<i>12.50</i>	<i>4735</i>	700		
<i>13.45</i>	<i>4640</i>	800		
<i>14.40</i>	<i>4540</i>	900		
<i>15.40</i>	<i>4450</i>	1000		
<i>16.40</i>	<i>4400</i>	1100		
<i>17.45</i>	<i>4310</i>	1200		
<i>18.45</i>	<i>4215</i>	1300		
<i>19.50</i>	<i>4120</i>	1400		
<i>20.55</i>	<i>4015</i>	1500		
<i>22.05</i>	<i>3910</i>	1600		
<i>23.15</i>	<i>3755</i>	1700		
<i>24.20</i>	<i>3630</i>	1800		
<i>25.30</i>	<i>3510</i>	1900		
<i>26.50</i>	<i>3345</i>	2000		
<i>28.05</i>	<i>3215</i>	2100		
<i>28.55</i>	<i>3115</i>	2142		
		2200		
		2300		
		2400		

15° 33' S	7500	1480	45' 2"
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500	3603	153
	3600	<del>2147</del>	<del>28</del>
	3700	1461	120
	3800		2142
	3900		2267
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
95				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*Out Aug 83.5*

No. *A.A. 63* Date *26 Sept 99*  
*Sigsbee* Machine. # *1* Reel. *Built up*  
 Turns *2119* Cor. + *124* Depth *2243 fms.*  
 Shot or lead *60 lb.*  
 Bottom *fine, sd. M. glob.*  
 Bottom temperature  
 No. of thermometer *None* Cor.  
 Corrected temperature  
 Air *75* Surface *80* ✓ Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>6-39.50</i>	<i>24.30</i>	0		
<i>40.40</i>	<i>23.45</i>	100		
<i>41.25</i>	<i>23.05</i>	200		
<i>42.10</i>	<i>22.20</i>	300		
<i>43 =</i>	<i>21.40</i>	400		
<i>44.15</i>	<i>21 =</i>	500		
<i>45.05</i>	<i>20.20</i>	600		
<i>46.15</i>	<i>19.40</i>	700		
<i>47.25</i>	<i>18.50</i>	800		
<i>48.30</i>	<i>18 =</i>	900		
<i>49.45</i>	<i>17.15</i>	1000		
<i>50.50</i>	<i>16.25</i>	1100		
<i>52 =</i>	<i>15.30</i>	1200		
<i>53.15</i>	<i>14.35</i>	1300		
<i>54.30</i>	<i>13.40</i>	1400		
<i>55.50</i>	<i>12.35</i>	1500		
<i>57.10</i>	<i>11.40</i>	1600		
<i>58.25</i>	<i>10.40</i>	1700		
<i>59.45</i>	<i>09.35</i>	1800		
<i>7-01.10</i>	<i>08.30</i>	1900		
<i>02.30</i>	<i>07.25</i>	2000		
<i>03.55</i>	<i>.06 =</i>	2100		
<i>04.15</i>	<i>7-05.40</i>	<i>2119</i> <del>2200</del>		
		2300		
		2400		

-15° 45' S.

1480 44' W

H.S.

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

3603  
2117  
1484

153.  
29  
124  
2119  
2243

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

All were ready to lower at 6<sup>10</sup> when discovered kink in wire, detached string line and made new splice.  
Cut off 2 fms wire

*W.S.* P. Log 9.5

No. *A A 64* Date *26 Sep 1899*  
 Sigsbee Machine. #1 Reel. *Build up*  
 Turns *539* Cor. + *42* Depth *581 fms.*  
 Shot or lead *35 lb*  
 Bottom *Coarse Coral Sand*  
 Bottom temperature  
 No. of thermometer *None* Cor.  
 Corrected temperature  
 Air *81* Surface *80* ✓ Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.38.00</i>	<i>11.48.10</i>	0		
<i>38.55</i>	<i>47.30</i>	100		
<i>39.00</i>	<i>46.45</i>	200		
<i>40.50</i>	<i>46.10</i>	300		
<i>41.15</i>	<i>45.30</i>	400		
<i>43.10</i>	<i>44.45</i>	500		
<i>11.43.40</i>	<i>11.44.30</i>	<i>539</i>		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 51' S

148° 15' W

H.S. 5.05

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

3600	153
539	111
3061	42
	539
	0-87

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *2965* Date *26 Sept 97*  
 Machine. *71* Reel. *1304*  
 Turns *1275* Cor. + *88* Depth *1363*  
 Shot or lead *35 lb*  
 Bottom *Col sd Blk Mang M. shells*  
 Bottom temperature *41.5*  
 No. of thermometer *415* Cor.  
 Corrected temperature  
 Air *79* Surface *80* Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>38.00</i>	<i>704.50</i>	0		
<i>39.00</i>	<i>03.55</i>	100		
<i>39.55</i>	<i>03.10</i>	200		
<i>41.00</i>	<i>02.30</i>	300		
<i>42.00</i>	<i>01.45</i>	400		
<i>43.00</i>	<i>01.00</i>	500		
<i>44.10</i>	<i>00.10</i>	600		
<i>45.25</i>	<i>59.30</i>	700		
<i>46.40</i>	<i>58.40</i>	800		
<i>47.50</i>	<i>57.50</i>	900		
<i>49.20</i>	<i>57.00</i>	1000		
<i>50.45</i>	<i>56.10</i>	1100		
<i>52.05</i>	<i>55.20</i>	1200		
<i>53.10</i>	<i>54.30</i>	<i>1275</i>		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15° 57.3' S      148° 18.8' W

H.C. 2

2500		
2600		
2700		
2800		
2900		
3000		
3100		
3200		
3300		
3400		
3500		
3600	3600	153
3700	12.75	25
3800	2325	88
3900		1275
4000		1563

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:



507.  
Hutch

Pat. Log 41. 7

No. *A. A. 66* Date *26 Sept 99*

Sigsbee Machine #1 Reel. Built Up

Turns *2115* Cor. + *123* Depth *2238 fms.*

Shot or lead *60 lb.*

Bottom *Vol. Mud, Mag Red Glob*

Bottom temperature

No. of thermometer *None* Cor.

Corrected temperature

Air *80* Surface *80* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>9-4.20</i>	<i>44.30</i>	0		
<i>5.05</i>	<i>43.50</i>	100		
<i>5.50</i>	<i>43.20</i>	200		
<i>6.30</i>	<i>42.45</i>	300		
<i>7.20</i>	<i>42.05</i>	400		
<i>8.10</i>	<i>41.25</i>	500		
<i>8.55</i>	<i>40.45</i>	600		
<i>9.50</i>	<i>40.05</i>	700		
<i>10.40</i>	<i>39.25</i>	800		
<i>11.35</i>	<i>38.40</i>	900		
<i>12.30</i>	<i>37.50</i>	1000		
<i>13.30</i>	<i>37 =</i>	1100		
<i>14.30</i>	<i>36.10</i>	1200		
<i>15.35</i>	<i>35.15</i>	1300		
<i>16.40</i>	<i>34.15</i>	1400		
<i>17.50</i>	<i>33.15</i>	1500		
<i>18.55</i>	<i>32.15</i>	1600		
<i>20 =</i>	<i>31.10</i>	1700		
<i>21.10</i>	<i>30.05</i>	1800		
<i>22.20</i>	<i>28.55</i>	1900		
<i>23.30</i>	<i>27.45</i>	2000		
<i>24.45</i>	<i>26.20</i>	2100		
<i>25 =</i>	<i>9-26 =</i>	<i>2115</i> <del>2200</del>		
		2300		
		2400		

16° 10' S

148° 26' W

OK  
HO

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

$$\begin{array}{r}
 153 \\
 30 \\
 \hline
 123 \\
 2115 \\
 \hline
 2238
 \end{array}$$

$$\begin{array}{r}
 3600 \\
 2115 \\
 \hline
 1485
 \end{array}$$

## SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1899 / Oct 29 / 71.7

No. *a a, 69* Date *29* " *Sept. 1899*  
 Sigsbee Machine. *4* Reel. *Bucket up*

Turns *2235* Cor. + *128* Depth *2363* fms

Shot or lead *60 #*

Bottom *Shanic Mud Glob.*

Bottom temperature

No. of thermometer *None.* Cor.

Corrected temperature

Air *78* Surface *50* ✓ Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>17.00</i>	<i>58.10</i>	0		
<i>17.50</i>	<i>57.40</i>	100		
<i>18.30</i>	<i>57.10</i>	200		
<i>19.10</i>	<i>56.30</i>	300		
<i>19.50</i>	<i>56.00</i>	400		
<i>20.40</i>	<i>55.20</i>	500		
<i>21.30</i>	<i>54.40</i>	600		
<i>22.20</i>	<i>54.00</i>	700		
<i>23.20</i>	<i>53.20</i>	800		
<i>24.10</i>	<i>52.30</i>	900		
<i>25.10</i>	<i>51.50</i>	1000		
<i>26.10</i>	<i>51.00</i>	1100		
<i>27.10</i>	<i>50.00</i>	1200		
<i>28.10</i>	<i>49.20</i>	1300		
<i>29.10</i>	<i>48.30</i>	1400		
<i>30.15</i>	<i>47.30</i>	1500		
<i>31.20</i>	<i>46.40</i>	1600		
<i>32.20</i>	<i>45.40</i>	1700		
<i>33.30</i>	<i>44.40</i>	1800		
<i>34.35</i>	<i>43.40</i>	1900		
<i>35.45</i>	<i>42.40</i>	2000		
<i>36.55</i>	<i>41.40</i>	2100		
<i>38.10</i>	<i>40.30</i>	2200		
<i>39.30</i>	<i>40.00</i>	<i>2235</i>		
		2300		
		2400		

16° 32' S. 148° 40' W

O.K. J.H.C.		2500	
		2600	
		2700	
		2800	
		2900	
		3000	3600 15.3
		3100	
		3200	
		3300	
		3400	
3600	15.3		
2735	28		
1365	128		
	2735		
	2365		
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Pat. Log. 1.8

No. *A 68* Date *27 Sept 99*Machine *#1* Reel *Butt up*Turns *2101* Cor. + *123* Depth *2224 fms*Shot or lead *60 pound*Bottom *Clayey Mud, Gls.*

Bottom temperature

No. of thermometer *none* Cor.

Corrected temperature

Air *78* Surface *79* ✓ Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>29 =</i>	<i>0650</i>	<i>0</i>		
<i>30 30</i>	<i>0600</i>	<i>100</i>		
<i>31 30</i>	<i>0525</i>	<i>200</i>		
<i>32 10</i>	<i>0455</i>	<i>300</i>		
<i>33 55</i>	<i>0420</i>	<i>400</i>		
<i>34 40</i>	<i>0340</i>	<i>500</i>		
<i>35 30</i>	<i>0305</i>	<i>600</i>		
<i>36 20</i>	<i>0225</i>	<i>700</i>		
<i>37 10</i>	<i>0145</i>	<i>800</i>		
<i>38 00</i>	<i>0105</i>	<i>900</i>		
<i>38 55</i>	<i>0015</i>	<i>1000</i>		
<i>39 50</i>	<i>5930</i>	<i>1100</i>		
<i>40 50</i>	<i>5835</i>	<i>1200</i>		
<i>41 50</i>	<i>5740</i>	<i>1300</i>		
<i>42 50</i>	<i>5650</i>	<i>1400</i>		
<i>43 50</i>	<i>5600</i>	<i>1500</i>		
<i>44 50</i>	<i>5515</i>	<i>1600</i>		
<i>45 55</i>	<i>5440</i>	<i>1700</i>		
<i>46 55</i>	<i>5310</i>	<i>1800</i>		
<i>47 10</i>	<i>5210</i>	<i>1900</i>		
<i>47 20</i>	<i>5100</i>	<i>2000</i>		
<i>48 10</i>	<i>4951</i>	<i>2100</i>		
<i>48 12</i>	<i>4950</i>	<i>2101</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

16° 57' S - 148° 58' W

1911  
H.C.S.  
2

2500  
2600  
2700  
2800  
2900  
3000  
3100  
3200  
3300  
3400  
3500  
3600  
3700  
3800  
3900  
4000

5600  
2.21  
1499  
1000  
3000  
120  
2101  
2221

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

607. *Smith* Cat Log 21.8  
 No. *A. A. 69* Date *27 Sep 99*  
*Seabee* Machine. #1 Reel. Built *14*  
 Turns *1818* Cor. + *112* Depth *1930 fms*  
 Shot or lead *60 lb.*  
 Bottom *Lost Cup*  
 Bottom temperature  
 No. of thermometer *Nine* Cor.  
 Corrected temperature  
 Air *79* Surface *80* ✓ Drift  
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>19.25</i>	<i>52.50</i>	0		
<i>20.10</i>	<i>52 =</i>	100		
<i>20.50</i>	<i>51.35</i>	200		
<i>21.30</i>	<i>51.05</i>	300		
<i>22.20</i>	<i>50.30</i>	400		
<i>23.10</i>	<i>49.55</i>	500		
<i>23.55</i>	<i>49.15</i>	600		
<i>24.45</i>	<i>48.40</i>	700		
<i>25.40</i>	<i>47.50</i>	800		
<i>26.35</i>	<i>47.05</i>	900		
<i>27.30</i>	<i>46.10</i>	1000		
<i>28.30</i>	<i>45.10</i>	1100		
<i>29.30</i>	<i>44.05</i>	1200		
<i>30.30</i>	<i>43 =</i>	1300		
<i>31.30</i>	<i>42 =</i>	1400		
<i>32.30</i>	<i>40.55</i>	1500		
<i>33.35</i>	<i>39.45</i>	1600		
<i>34.40</i>	<i>38.35</i>	1700		
<i>35.45</i>	<i>37.20</i>	1800		
<i>36.05</i>	<i>8-37 =</i>	<i>1819</i> 1900		
		2000		
		2100		
		2200		
		2300		
		2400		

*Lost Cup.*

17° 14' S, 149° 10' W

178

$$\begin{array}{r} 3600 \\ 1816 \\ \hline 1782 \end{array} \quad \begin{array}{r} 149 \\ 149 \\ \hline 1490 \end{array}$$



100  
90  
80  
70  
60  
50  
40  
30  
20  
10  
0



Value  
Year