DEMP 97 97001 105039

97001gb1

GRAB OPERATIONS AND PROCESSING LOG

SHIP: R/V John Dempsey

CRUISE: JD97-1 (97001)

AREA: Roanoke Point, Long Island Sound

DATES: 3/9/97 - 3/10/97

CHIEF SCIENTIST: Poppe

ROANOKE POINT SAMPLE LOCATIONS

Latitude	Longitude	SampleID
41d00.985'	-72d38.415'	RP-1
41d00.635'	-72d38.470'	RP-2
41d00.185'	-72d38.550'	RP-3
40d59.740'	-72d38.640'	RP-4
40d59.480'	-72d38.600'	RP-5
40d59.305'	-72d39.380'	RP-6
40d59.445'	-72d39.690'	RP-7
40d59.720'	-72d39.200'	RP-8
40d59.990'	-72d39.145'	RP-9
41d00.900'	-72d39.305'	RP-10
41d00.545'	-72d39.705'	RP-11
41d00.255'	-72d39.980'	RP-12
40d59.970'	-72d39.960'	RP-13
40d59.605'	-72d39.870'	RP-14
40d59.360'	-72d40.380'	RP-15
40d59.920'	-72d40.750'	RP-16
41d00.190'	-72d40.480'	RP-17
41d00.700'	-72d40.740'	RP-18
41d01.040'	-72d40.540'	RP-19
41d01.010'	-72d40.910'	RP-20
41d00.975'	-72d41.540'	RP-21
41d00.650'	-72d41.615'	RP-22
41d00.470'	-72d41.720'	RP-23
41d00.180'	-72d41.220'	RP-24
41d00.045'	-72d41.460'	RP-25
40d59.715'	-72d41.400'	RP-26
40d59.115'	-72d41.810'	RP-27
40d59.630'	-72d42.140'	RP-28

40d59.955'	-72d41.900'	RP-29
41d00.145'	-72d42.150'	RP-30
41d00.685'	-72d42.140'	RP-31
41d00.900'	-72d42.970'	RP-32
41d00.600'	-72d42.885'	RP-33
41d00.375'	-72d42.705'	RP-34
41d00.070'	-72d42.760'	RP-35
40d59.785'	-72d42.830'	RP-36
40d59.190'	-72d42.975'	RP-37
40d59.215'	-72d43.665'	RP-38
40d59.555'	-72d43.910'	RP-39
40d59.935'	-72d43.300'	RP-40
41d00.100'	-72d43.980'	RP-41
41d00.350'	-72d43.530'	RP-42
41d00.730'	-72d43.990'	RP-43
41d00.340'	-72d41.700'	RP-44
41d00.225'	-72d42.415'	RP-45
41d00.500'	-72d40.965'	RP-46
40d59.305'	-72d40.995'	RP-47
40d59.455'	-72d43.040'	RP-48
40d59.635'	-72d43.240'	RP-49
40d59.740'	-72d43.350'	RP-50

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ✓ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: 10 sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-1	28					1349

Depth, m	Depth, m	Depth, m
18.8		

VIDEO LOCATION:
Start Lat. N 41°01.0030 Long. W 72°38.3858'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°01.0030 Long. W 72°38.3858'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand ripple anemonier wormtube burrow silty scattered shells

STILL PHOTOS: Roll No. 1 Film Type Royal Gold 400 color Print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm 1 Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: 10sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-2						

Depth, m	Depth, m	Depth, m
18.5		

VIDEO LOCATION:
Start Lat. N 41° 00.6401 Long. W 72° 38.4723
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41° 00.6401 Long. W 72° 38.4723

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics (LOI): ✓ Biology: __

SAMPLING COMMENTS: Slight over penetration

DESCRIPTION OF BOTTOM: Sand fauna ripples, anemones worm tubes silty, scattered shell debris

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP3	68					

Depth, m	Depth, m	Depth, m
20.9		

VIDEO LOCATION:
Start Lat. N 41°00.1879' Long. W 72 38 5368'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.1874' Long. W 72 38.5525'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: added tea to grab

DESCRIPTION OF BOTTOM: silty sand bioturbated
worm tubes, shrimp burrows?
crab tracks

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-4						

Depth, m	Depth, m	Depth, m
8.0		

VIDEO LOCATION:
Start Lat. N 40°59.7440' Long. W 72°38.6107'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40°59.7366' Long. W 72°38.6056'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, ripples, abundant finer grained sediment (organic?) in ripple troughs, scattered shell debris, quahogs, barnacles on dead shells

STILL PHOTOS: Roll No. 1 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				40°59.7381'	72°38.6074'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm _____ Hi-8 mm _____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-5	68					2044

Depth, m	Depth, m	Depth, m
7.6		

VIDEO LOCATION:
Start Lat. N 40°59.8062' Long. W 72°38.6161'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40°59.4776' Long. W 72°38.6072'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand ripples scattered shells worm tubes, starfish, hermit crabs, hydroids on shell

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm _____ Hi-8 mm _____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-6	18					

Depth, m	Depth, m	Depth, m
5.2		

VIDEO LOCATION:
Start Lat. N 40°59.2914' Long. W 72°39.3745'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40°59.2914' Long. W 72°39.3705'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, ripples, trace of shell debris
bioturbated clean

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE/NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP.7	68					2317

Depth, m	Depth, m	Depth, m
10.4		

VIDEO LOCATION:
Start Lat. N 40°59.4469' Long. W 72°39.6962'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40°59.4452' Long. W 72°39.6980'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand ripples, fine-grain sediment in abundant organics in ripple troughs, heart crabs, burrows, worm tubes, seaweed/hydrozoans on shell

STILL PHOTOS: Roll No. 1 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-8	18					

Depth, m	Depth, m	Depth, m

VIDEO LOCATION:
Start Lat. N 40° 59.7354' Long. W 72° 39.1784'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40° 59.7354' Long. W 72° 39.1784'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand ripples, hermit crabs
some barnacle covered quahog shell
sponges on shells or gravel/debris, sand is clean

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP9						2456

Depth, m	Depth, m	Depth, m

VIDEO LOCATION:
Start Lat. N 40° 00.0010' Long. W 72° 39.1115'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40° 00.0010' Long. W 72° 39.1050'

SAMPLES TAKEN: ✓
Texture: ___ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: Turbid poor NO/video

DESCRIPTION OF BOTTOM: Silty sand, some amphipod tubes

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-10						2559

Depth, m	Depth, m	Depth, m
21		

VIDEO LOCATION:
Start Lat. N 41°00.8927' Long. W 72°39.2832'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.8927' Long. W 72°39.2832'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: poor video Turbid

DESCRIPTION OF BOTTOM: Silty Sand shrimp burrows tracks
anemones worm tubes
faint ripple / bioturbate

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-11	68					

Depth, m	Depth, m	Depth, m
22.0		

VIDEO LOCATION:
Start Lat. N 41° 00.5423' Long. W 72° 39.6099'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41° 00.5423' Long. W 72° 39.6099'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: silty sand trace of shell debris burrows worm tubes anemones spider crabs, bioturbate faint ripple

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-12	69					2840

RP-12

Depth, m	Depth, m	Depth, m
21.0		

VIDEO LOCATION:
Start Lat. N 41°00.2451' Long. W 72°39.9562'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.2451' Long. W 72°39.9562'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Silty Sandy Mud burrows
anemonico worm tube
faint ripple bioturbate variegated bottom due to current swept organic

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP13						3017

Depth, m	Depth, m	Depth, m
14.8		

VIDEO LOCATION:
Start Lat. N 40°59.9711 Long. W 72°39.9710
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40°59.9717' Long. W 72°39.9556'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand ripples bioturbated burrows ✓ troughs
tree shell debris rock crab
worm tubes spider crab
hermit crabs

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				40°59.9739'	72°39.9638'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm _____ Hi-8 mm _____) PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-14	68					3119

Depth, m	Depth, m	Depth, m
11.4		

VIDEO LOCATION:
Start Lat. N 40°59.5931' Long. W 72°39.8589'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40°59.5898' Long. W 72°39.8486

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand ripples - shell hash abundant in troughs
worm tubes, burrows

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-15	68					

Depth, m	Depth, m	Depth, m

VIDEO LOCATION:
Start Lat. N 40°59.3717' Long. W 72°40.3723
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40°59.3691' Long. W 72°40.3653'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand ripple fines abundant organic(?) in troughs
worm tube hermit crab burrows
scattered razor & quahog shells & debris, hermit crabs

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				40°59.3709	72°40.3713'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-47	68					3351

Depth, m	Depth, m	Depth, m
8.1		

VIDEO LOCATION:
Start Lat. N 40°59.3144 Long. W 72°40.9901'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40°59.3130' Long. W 72°40°9829'

SAMPLES TAKEN: ✓
Texture: ___ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand ripples scattered shells & debris & firm in troughs hermit crabs

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____) PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-27						

Depth, m	Depth, m	Depth, m
5.1		

VIDEO LOCATION:
Start Lat. N 40° 59.1049' Long. W 72° 41.7811'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40° 59.1075' Long. W 72° 41.7705'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, ripples scattered gravel shell + debris

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-28						3601

Depth, m	Depth, m	Depth, m
6.8		

VIDEO LOCATION:
Start Lat. N 40°59.6302' Long. W 72°42.1251'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40°59.6364' Long. W 72°42.1128'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, ripples (current →) scattered shell debris in the troughs burrows hydrozoan on shells

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 (8 mm ____ Hi-8 mm ____) STUDY AREA: Long Island Sound

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-26						

Depth, m	Depth, m	Depth, m
6.7		

VIDEO LOCATION:
Start Lat. N 40°59.7101' Long. W 72°41.4394'
End Lat. N _____ Long. W _____

SAMPLE LOCATION: Lat. N 40°59.7074' Long. W 72°41.4658'

SAMPLES TAKEN: Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand ripples w/ scattered shell debris in the troughs

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-16						

Depth, m	Depth, m	Depth, m
8.2		

VIDEO LOCATION:
Start Lat. N 40°59.9162' Long. W 72° 40.7419'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40°59.9134' Long. W 72° 40.7315'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, current ripples, shell debris in the troughs, burrows
non descript seaweed

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm _____ Hi-8 mm _____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP17						

Depth, m	Depth, m	Depth, m
15.0		

VIDEO LOCATION:
Start Lat. N 41°00.1996' Long. W 72°40.4940'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.2015 Long. W 72°40.4872'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand ripples bioturbated worm tubes, rock crab, burrows, snails, brown razor clam + debris

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-46	65					4054

Depth, m	Depth, m	Depth, m
35.2		

VIDEO LOCATION:
Start Lat. N 41°00.5196' Long. W 72°40.9685'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.5231' Long. W 72°40.9504'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: Tacbid

DESCRIPTION OF BOTTOM: Muddy, burrows silty sand
over mud, faint ripples
bioturbated, faint current shadows
variegated bottom due to current swept organic

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-18						

Depth, m	Depth, m	Depth, m
26.9		

VIDEO LOCATION:
Start Lat. N 41°00.7256' Long. W 72°40.6325'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.7271' Long. W 72°40.6118'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: Turbid w/plankton

DESCRIPTION OF BOTTOM: Muddy heavily burrowed
scattered shell debris, bioturbated
variated due to current swept organics

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-44						4312

Depth, m	Depth, m	Depth, m
20.4		

VIDEO LOCATION:
Start Lat. N 41° 00.3405' Long. W 72° 41.7005'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41° 00.3410' Long. W 72° 41.6976'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: Shoal edge

DESCRIPTION OF BOTTOM: Sand rippled, abundant shell debris in troughs, abundant hermit crabs

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-45	68					

Depth, m	Depth, m	Depth, m
18.5		

VIDEO LOCATION:
Start Lat. N 41°00.2192' Long. W 72°42.4452'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.2066' (~~2313'~~) Long. W 72°42.4678' (~~4471'~~)

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: Sampled shoal edge slope on third effort

DESCRIPTION OF BOTTOM: Sand, ripples w/ troughs mostly filled by shell debris

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-35						4635

Depth, m	Depth, m	Depth, m
15.0		

VIDEO LOCATION:
Start Lat. N 41°00 0726' Long. W 72°42.7764'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.0774' Long. W 72°42.7762'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: slope off shoal

DESCRIPTION OF BOTTOM: Sand ripples abundant shell debris
hermit crabs, shells of quahogs
appear to armor the bottom

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°00 0755'	72 42 7770'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 2 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: 10 sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-23	68					54.43

RP-23

Depth, m	Depth, m	Depth, m
16 - 30m		

25m sample

VIDEO LOCATION:
Start Lat. N 41°00.3385' Long. W 72°41.7069'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.3631' Long. W 72°41.6812'

SAMPLES TAKEN:
Texture: √ Geochemistry: ___ Organics (LOI): √ Biology: ___

SAMPLING COMMENTS: √ base of slope off shoal
shell lag deposit at base of √ shoal

DESCRIPTION OF BOTTOM: sand, abundant shell,
(well grading, sand)
Rock sand

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°00.3582'	72°41.6941'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-19	69					

3/10/97

Depth, m	Depth, m	Depth, m
25.4		

VIDEO LOCATION:
Start Lat. N 41° 01 0298' Long. W 72° 40.5645'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41° 01.0252' Long. W 72° 40 5716'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: Turbid

DESCRIPTION OF BOTTOM: Muddy bioturbated burrows
Trace of shell debris, trace of
worm tubes, faint ripple/current shadow

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-20						0218

Depth, m	Depth, m	Depth, m
27.1		

VIDEO LOCATION:
Start Lat. N 41°08.9947' Long. W 72°40.9292'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.9901' Long. W 72°40 9358

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy fairly ripples, burrows bioturbated, some shell debris, ~~few worm tubes~~ current shadows

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-21						

Depth, m	Depth, m	Depth, m
30.7		

VIDEO LOCATION:
Start Lat. N 41°00.9904' Long. W 72°41.5283'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.9844' Long. W 72°41.5348'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: muddy fair ripples bioturbation
Turbid few worm tubes, scattered shell debris shrimp burrows current shadows around large grains

DESCRIPTION OF BOTTOM: _____

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-22	69					

3/10/97

Depth, m	Depth, m	Depth, m
36.6		

VIDEO LOCATION:
Start Lat. N 41 00 6474' Long. W 72°41.6150'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41 00.6474 Long. W 72°41.6150'

SAMPLES TAKEN: ✓
Texture: ___ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: Turbid

DESCRIPTION OF BOTTOM: Muddy bioturbated basin w/ shrimp ripples, burrows, scattered shell debris, worm tubes

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-24						0443

Depth, m	Depth, m	Depth, m
7.9		

VIDEO LOCATION:
Start Lat. N 4100.1865 Long. W 72°41.2067'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.1753' Long. W 72°41.2173'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand ripples Trace quahog shells shell debris, clean medium - coarse fines in troughs

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-25	69					

Depth, m	Depth, m	Depth, m
7.6		

VIDEO LOCATION:
Start Lat. N 41°00.0413' Long. W 72°41.4421'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.0338' Long. W 72°41.4387'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, ripples scattered quahog shells shell debris burrows shells & fines in troughs snails

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°00.0403'	72°41.4419'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP29	67					

Depth, m	Depth, m	Depth, m
8.2		

VIDEO LOCATION:
Start Lat. N 40°59.9784' Long. W 72°41.8955'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40°59.9721' Long. W 72°41.8860'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand ripples (current) scattered gunhag shell debris (more common in troughs clean, snails hermit crabs

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				40°59.9725'	72°41.8818'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-30						

Depth, m	Depth, m	Depth, m
6.3		

VIDEO LOCATION:
Start Lat. N 41°00.1671' Long. W 72°42.1521'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41° 00.1653' Long. W 72°42.1441'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand ripples, scattered shell debris (& more common in trough (clam) washed medium sand)
hermit crabs

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				41°00.1651'	72°42.1451'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ✓ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP31	69					

Depth, m	Depth, m	Depth, m
35.9		

VIDEO LOCATION:
Start Lat. N 41°00.6792' Long. W 72°42.1518'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.6758' Long. W 72°42.1513'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy, strong burrows, faint current ripple, bioturbated @ 1 cm of sand over mud

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 **SHIP:** R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 **STUDY AREA:** Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-32						

Depth, m	Depth, m	Depth, m
34.7		

VIDEO LOCATION:
Start Lat. N 41°00.9081' Long. W 72°42.9339'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.9064' Long. W 72°42.9316'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy shrimp burrows worm tube
faint current marks near the
burrows, bioturbated from current ripple shadows
veneer of organic

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: 10 sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-33						1440

Depth, m	Depth, m	Depth, m
35.7		

VIDEO LOCATION:
Start Lat. N 41°00.6096' Long. W 72°42.8804
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.6020 Long. W 72°42.8770'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy bioturbated, burrows, worm tube, scattered abundant common shell debris (mainly nuclear hydrozoans on shells the rence of fine organics

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1	1			41 00 6083'	72°42 8799'	
2	2			41 00 6033'	72°42 8788'	
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm _____ Hi-8 mm _____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP.34	69					

3/10/97

Depth, m	Depth, m	Depth, m
31.1		

VIDEO LOCATION:
Start Lat. N 41°00.3684' Long. W 72°42.6808'
End Lat. N _____ Long. W _____

SAMPLE LOCATION: 41°00.3680' Long. W 72°42.6762'
Lat. N _____

SAMPLES TAKEN: ✓
Texture: ___ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: [illegible]
Sand silt worm tubes, faint small ripple, trace of shell debris

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm 1 Hi-8 mm ____) PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: 10 sec

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP31						1627

Depth, m	Depth, m	Depth, m
6.1		

VIDEO LOCATION:
Start Lat. N 40°59.7903' Long. W 72°42.7723'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40°59.7899' Long. W 72°42.7595'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, Ripples scattered shell debris starfish (clear washed)

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1				40°59.7901'	72°42.7603'	
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm _____ Hi-8 mm _____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-48	69					1707

3/10/97

Depth, m	Depth, m	Depth, m
6.8		

VIDEO LOCATION:
Start Lat. N 40°59.4729' Long. W 72°43.8830'
End Lat. N _____ Long. W _____

SAMPLE LOCATION: Lat. N 40°59.4732' Long. W 72°42.0025'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, ripples, scattered gravel, shells in trough clear

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-37	69					

Depth, m	Depth, m	Depth, m
5.4		

VIDEO LOCATION:
Start Lat. N 40°59.2039' Long. W 72°42.9232'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40°59.2011' Long. W 72°42.9064'

SAMPLES TAKEN: ✓
Texture: ___ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, ripples, scattered shell debris & shells, (sand is clean & washed) fine on troughs

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ✓ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP38	67					1829

Depth, m	Depth, m	Depth, m
12.5		

VIDEO LOCATION:
Start Lat. N 40°59.2042' Long. W 72°43.6037'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40°59.2036' Long. W 72°43.5898'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ✓ Organics (LOI): ✓ Biology: __

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Sand, ripples, some shell debris, abundant hermit crabs

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-39						

Depth, m	Depth, m	Depth, m
22.7		

VIDEO LOCATION:
Start Lat. N 40° 59.5484' Long. W 72° 43.8916'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40° 59.5476' Long. W 72° 43.8758'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy, Burrows, bioturbation, trenches
faint current ripples, some shell debris
Worm tubes 5Y 3/2 Dark olive gray

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. _____ STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-50						

Depth, m	Depth, m	Depth, m
23.4		

VIDEO LOCATION:
Start Lat. N 40°59.7487' Long. W 72°43.2900'
End Lat. N _____ Long. W _____

SAMPLE LOCATION: Lat. N 40°59.7484' Long. W 72°43.3483'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: Turbid
No sample on first effort

DESCRIPTION OF BOTTOM: Sandy Mud, worm tube, burrows

STILL PHOTOS: Roll No. _____ Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-49						2123

Depth, m	Depth, m	Depth, m
14.5		

VIDEO LOCATION:
Start Lat. N 40° 59.6384' Long. W 72°43.2190'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 40° 59.6384' Long. W 72°43.2190'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: Turbid

DESCRIPTION OF BOTTOM: Sand, some shell hash, worm Tubes, abundant hermit crabs fair ripple

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-40	69					22:39

3/10/97

Depth, m	Depth, m	Depth, m
25.1		

VIDEO LOCATION:
Start Lat. N 40°59.9211' Long. W 72°43.3070'
End Lat. N _____ Long. W _____

SAMPLE LOCATION: Lat. N 40°59.9208' Long. W 72°43.2944'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Muddy SAND, snails, bioturbated worm tubes, burrows, faint current features

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound

(8 mm 1 Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP-41						

3/10/97

Depth, m	Depth, m	Depth, m
28.8		

VIDEO LOCATION:
Start Lat. N 41°00.1051' Long. W 72°43.9916'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.1043' Long. W 72°43.9760'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: _____

DESCRIPTION OF BOTTOM: Soft muddy, worm tubes, trace shell debris, shrimp burrows, bioturbated, faint ripples, scattered shells/debris

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ____ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP.42	68					

Depth, m	Depth, m	Depth, m
32.3		

VIDEO LOCATION:
Start Lat. N 41°00.3763' Long. W 72°43.5276'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.3763' Long. W 72°43.5276'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ___ Biology: ___

SAMPLING COMMENTS: ✓

DESCRIPTION OF BOTTOM: Mud, sand, scattered shells & debris, worm tube burrows, bioturbated, faint current ripples

STILL PHOTOS: Roll No. 2 Film Type _____

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						

STATION LOG Start date _____ (JD = _____)

CRUISE: JD97-1 SHIP: R/V JOHN DEMPSEY

VIDEO TAPE NO. 3 STUDY AREA: Long Island Sound
(8 mm ✓ Hi-8 mm ____)

PROJECT: Roanoke Point

DGPS NAV FIX UPDATE INTERVAL: _____

STA. NO.	JD	TIME (UTC)			TAPE COUNTER	
		Video on bottom	Sample taken	Video off bottom	Start	Stop
RP43	69					2606

3/10/97

Depth, m	Depth, m	Depth, m
31.9		

VIDEO LOCATION:
Start Lat. N 41°00.7371' Long. W 72°43.9532'
End Lat. N _____ Long. W _____

SAMPLE LOCATION:
Lat. N 41°00.7363' Long. W 72°43.9435'

SAMPLES TAKEN:
Texture: ✓ Geochemistry: ___ Organics (LOI): ✓ Biology: ___

SAMPLING COMMENTS: Varigated bottom due to current swept dark organics & lighter sediment

DESCRIPTION OF BOTTOM: Mud Soft, worm tubes bioturbated

STILL PHOTOS: Roll No. 2 Film Type color print

	Photo No.	Time (UTC)	LED/Neg No.	Location (nearest 10-sec fix) Lat. N	Long. W	Depth (m)
1						
2						
3						
4						
5						
6						
7						
8						