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NAVSTA NEWPORT RI
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PIC 27

Photo Number	Date	Description
Img. 1	2/20/1997	Melville North Landfill CTO 172 Project Number 1679
Img. 2	2/20/1997	Melville North Landfill CTO 172 Project Number 1679
Img. 3	2/20/1997	Melville North Landfill CTO 172 Project Number 1679
Img. 4	2/20/1997	Melville North Landfill CTO 172 Project Number 1679
Img. 5	2/20/1997	Melville North Landfill CTO 172 Project Number 1679
Img. 6	2/20/1997	Melville North Landfill CTO 172 Project Number 1679
Img. 7	2/20/1997	Melville North Landfill CTO 172 Project Number 1679
Img. 8	2/20/1997	Melville North Landfill CTO 172 Project Number 1679
Img. 9	2/20/1997	Melville North Landfill CTO 172 Project Number 1679
Img. 10	2/20/1997	Melville North Landfill CTO 172 Project Number 1679
Img. 11	2/20/1997	Melville North Landfill CTO 172 Project Number 1679
Img. 12	2/20/1997	Melville North Landfill CTO 172 Project Number 1679
Img. 13	2/20/1997	Melville North Landfill CTO 172 Project Number 1679
Img. 14	2/20/1997	Melville North Landfill CTO 172 Project Number 1679
Img. 15	2/20/1997	Melville North Landfill CTO 172 Project Number 1679

Brown & Root Environmental
Melville North Landfill
CTO 172 / Project Number 1679

Location: Southern shoreline west of area S excavation - inter-tidal zone
Date: 2/20/97
Purpose: Breakout / Seep sampling

Sample Point "G" close-up; Note - floating petroleum. Head space = 150 ppm

2-20-97 2

CTO172- MNLF

Brown & Root Environmental
Melville North Landfill
CTO 172 / Project Number 1679
Location: Southern shoreline west of area S excavation - inter-tidal zone
Date: 2/20/97
Purpose: Breakout / Seep sampling

Looking North/Northeast : Breakout 2 and Head space Location "G" in foreground. Head space = 150 ppm. Note - Floating petroleum on water. Location of T.P.-36 in top center

IBB LOS.
RIGHT

2-20-97 3

Brown & Root Environmental
Melville North Landfill
CTO 172 / Project Number 1679

Location: Southern shoreline west of area S excavation - inter-tidal zone
Date: 2/20/97
Purpose: Breakout / Seep sampling

Looking South : Breakout 2 in foreground, Breakout 1 in Background

Bkt 1

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Brown & Root Environmental
Melville North Landfill
CTO 172 / Project Number 1679
Location: Southern shoreline west of area S excavation - inter-tidal zone
Date: 2/20/97
Purpose: Breakout / Seep sampling
Sample Point "N" & BS-01 (MS/MSD); head space from 1.25' BGS to 1.5' BGS = 4,331 ppm; head space from 1.5' BGS to 2.0' BGS = 420 ppm; Note - black tar-sands at ~1.5' BGS; Total depth = 2.0' BGS

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Brown & Root Environmental
Melville North Landfill
CTO 172 / Project Number 1679

Location: Southern shoreline west of area S excavation - inter-tidal zone
Date: 2/20/97
Purpose: Breakout / Seep sampling

Head space sample point "H"; Head space = 100 ppm; Total depth = 2.0' BGS

2-20-97

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Brown & Root Environmental
Melville North Landfill
CTO 172 / Project Number 1679

Location: Southern shoreline west of area S excavation - inter-tidal zone
Date: 2/20/97
Purpose: Breakout / Seep sampling

Sample point "N" - BS-01. Note - black tar-sands at ~1.5' BGS

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Brown & Root Environmental
Melville North Landfill
CTO 172 / Project Number 1679

Location: Southern shoreline west of area S excavation - inter-tidal zone
Date: 2/20/97
Purpose: Breakout / Seep sampling

Looking West/Northwest : Breakout 1 on left & Breakout 2 on right

2 RIGHT.

2-20-97

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Brown & Root Environmental
Melville North Landfill
CTO 172 / Project Number 1679

Location: Southern shoreline west of area S excavation - inter-tidal zone
Date: 2/20/97
Purpose: Breakout / Seep sampling

Looking West : Breakout 1 - Petroleum Stained Cobbles

Brown & Root Environmental
Melville North Landfill
CTO 172 / Project Number 1679

Location: Southern shoreline west of area S excavation - inter-tidal zone
Date: 2/20/97
Purpose: Breakout / Seep sampling

Close-up of breakout 2 location (BS-02)

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2-20-97

Brown & Root Environmental
Melville North Landfill
CTO 172 / Project Number 1679

J. Holden

Location: Southern shoreline west of area S excavation - inter-tidal zone
Date: 2/20/97
Purpose: Breakout / Seep sampling

(Also "N")

Looking East : Breakout 1 center-bottom with J. Holden standing in sample point BS-01 (Location "N")

2-20-97

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CTO172 - MAIN

Brown & Root Environmental
Melville North Landfill
CTO 172 / Project Number 1679
Location: Southern shoreline west of area 5 excavation - intertidal zone
Date: 2/20/97
Purpose: Breakout / Seep sampling

Close-up of sample material from Breakout 1 (BS-03 & DUPL-01) Note - petroleum stains on stainless steel bowl. Also note - lack of sand surrounding cobbles & coarse gravel

COAR.

COBBLES

12

2-20-97

Brown & Root Environmental
Melville North Landfill
CTO 172 / Project Number 1679
Location: Southern shoreline west of area 5 excavation - inter-tidal zone
Date: 2/20/97
Purpose: Breakout / Seep sampling

Petroleum-stained stainless steel after homogenization of sample from BS-03 & DUPL-01 at Breakout 1 (Unable to remove stains using Alconox, MeOH, and Hexane)

MEOH, + HEXANE.)

2-20-97

13

Brown & Root Environmental
Melville North Landfill
CTO 172 / Project Number 1679

Location: Southern shoreline west of area S excavation - inter-tidal zone
Date: 2/20/97
Purpose: Breakout / Seep sampling

Looking North/Northwest : Note - Tapes leading to survey control points

Pt. "V"
Pt. "C"

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2-20-97

Brown & Root Environmental
Melville North Landfill
CTO 172 / Project Number 1679

Location: Southern shoreline west of area S excavation - inter-tidal zone
Date: 2/20/97
Purpose: Breakout / Seep sampling

to V =

Looking South/Southeast : Note - Points "C" & "V", Distance from C to V = ~220'

F.C.
F.W.

15

2-20-97

Brown & Root Environmental
Melville North Landfill
CTO 172 / Project Number 1679

Location: Southern shoreline west of area S excavation - inter-tidal zone
Date: 2/20/97
Purpose: Breakout / Seep sampling

Looking North/Northeast : Note - Points "C" & "V", distance from C to V = ~220'

V