

APPENDIX B
SEDIMENT AND SURFACE WATER SAMPLING LOGS

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**APPENDIX B
SURFACE WATER/SEDIMENT LOGS**

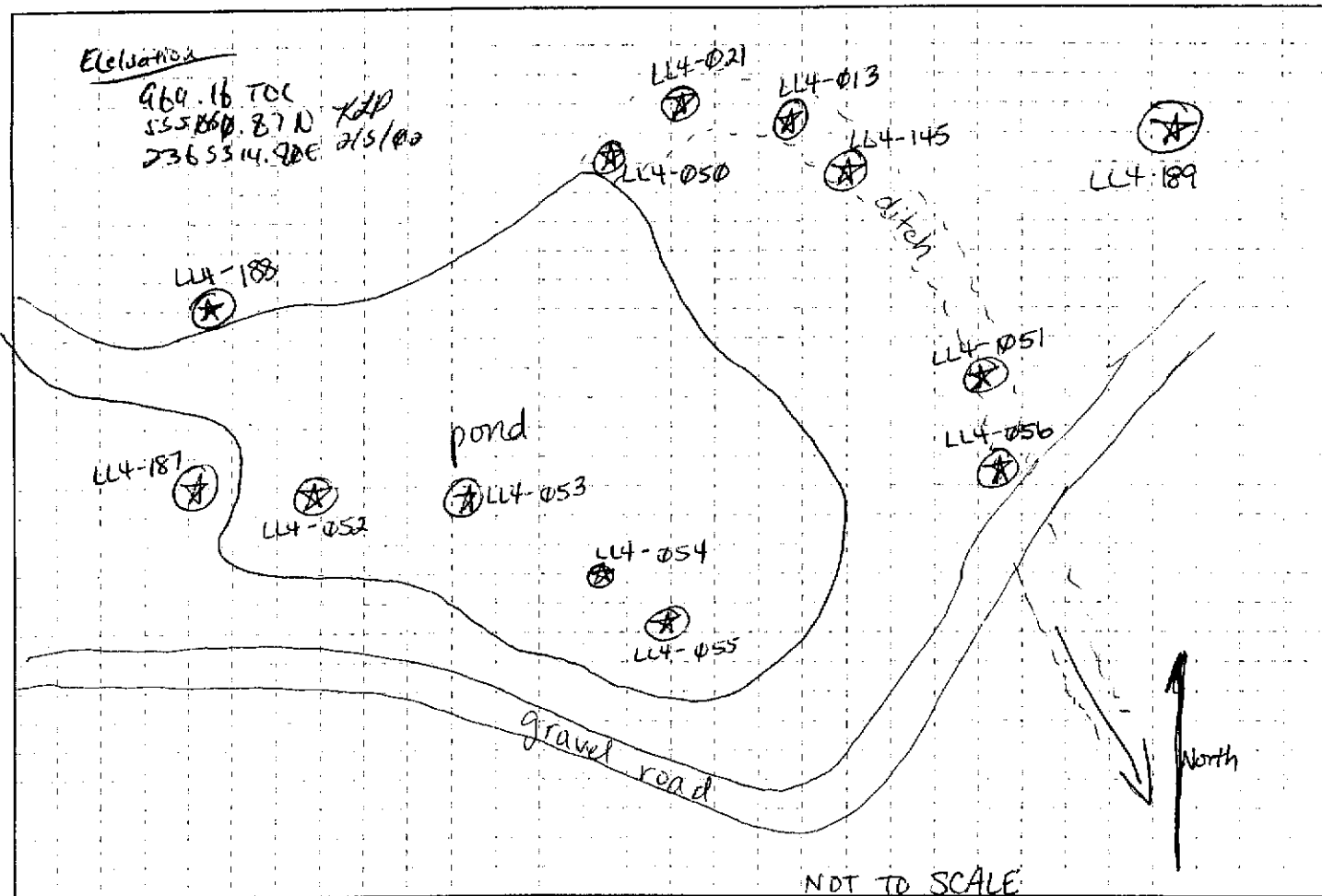
LL4-013	B-5
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LOCATION SKETCH

PROJECT NO: Road Line 4 Phase II RI **DELIVERY ORDER NO:** ECAS 136

STATION ID NUMBER: LL4-013	STATION DESCRIPTOR: Drainage ditch near LL4 Pond
SEDIMENT ID NUMBER: LL4-0953	SEDIMENT DATE & TIME: 08/11/01 1644
SURFACE WATER ID NUMBER: NA	SURFACE WATER DATE & TIME: NA



SW Quality Field Parameters:		
pH _____	D.O. _____	NORTHING: _____
Conductivity _____	Temperature _____	EASTING: _____
Turbidity _____	Other _____	

COMMENTS:

RECORDED BY: <i>[Signature]</i>	DATE: 8/11/01	QA CHECK BY: <i>[Signature]</i>	DATE: _____
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SEDIMENT LOG

STATION NUMBER 013

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR *Lserch*

SHEET 1 OF 1

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	(4.7)	Dark gray (10% 4R 41) clay with sand; supersaturated	NA	grainsize LL4-0953	LL4-0953	
	1.0					

See page B-5 for sketch
CR 12-02

SEDIMENT LOG

STATION NUMBER 021

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR Ty Garret

SHEET 1 OF 1

ELEV (A)	DEPTH (B) (ft)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	5 1-0	10YR 4/6 dark yellowish brown sandy clay with gravel	Ø. Ø	NA	LL4 0754	

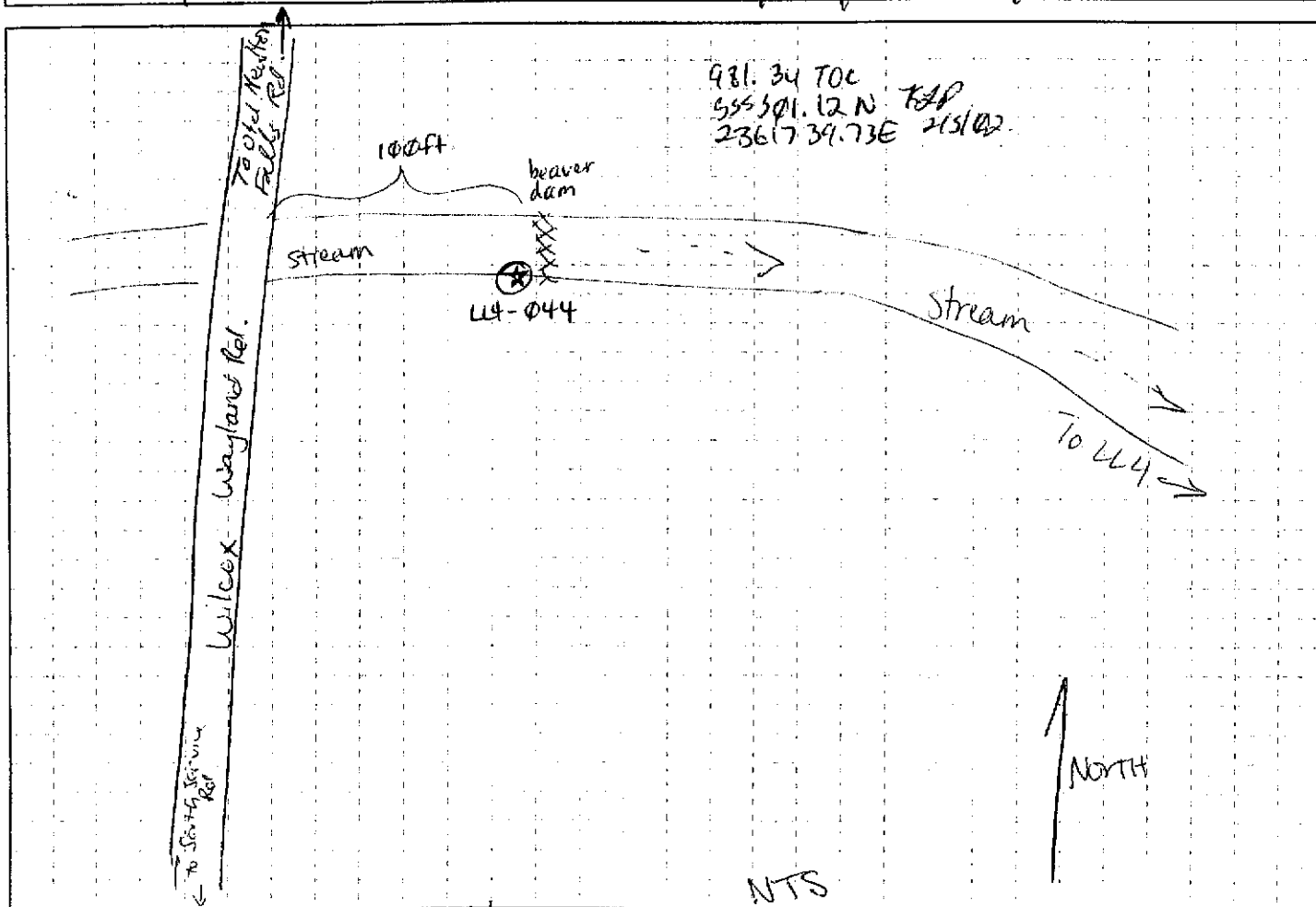
See
B-5
for
sketch
CR
12-02

LOCATION SKETCH

PROJECT NO: Load Line 4 Phase II RI

DELIVERY ORDER NO: ECAS 186

STATION ID NUMBER: LL4-044	STATION DESCRIPTOR: Phase I Resample LL4-044
SEDIMENT ID NUMBER: LL40955	SEDIMENT DATE & TIME: 8/13/01 1700
SURFACE WATER ID NUMBER: LL40956	SURFACE WATER DATE & TIME: 8/13/01 1700



SW Quality Field Parameters:	Horiba U-10 #14630	
pH <u>7.59 SU</u>	D.O. <u>1.54 mg/L</u>	NORTHING:
Conductivity <u>0.338 mS/cm</u>	Temperature <u>22.0 °C</u>	EASTING:
Turbidity <u>10 NTU</u>	Other _____	

COMMENTS: Sediment log on pg 55
Narrative on pgs 21 22 24

RECORDED BY: <i>Jimmy G...</i>	DATE: 8/13/01	QA CHECK BY: <i>[Signature]</i>	DATE:
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SEDIMENT LOG

STATION NUMBER **044**

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR **Grivat**

SHEET 1 OF 1

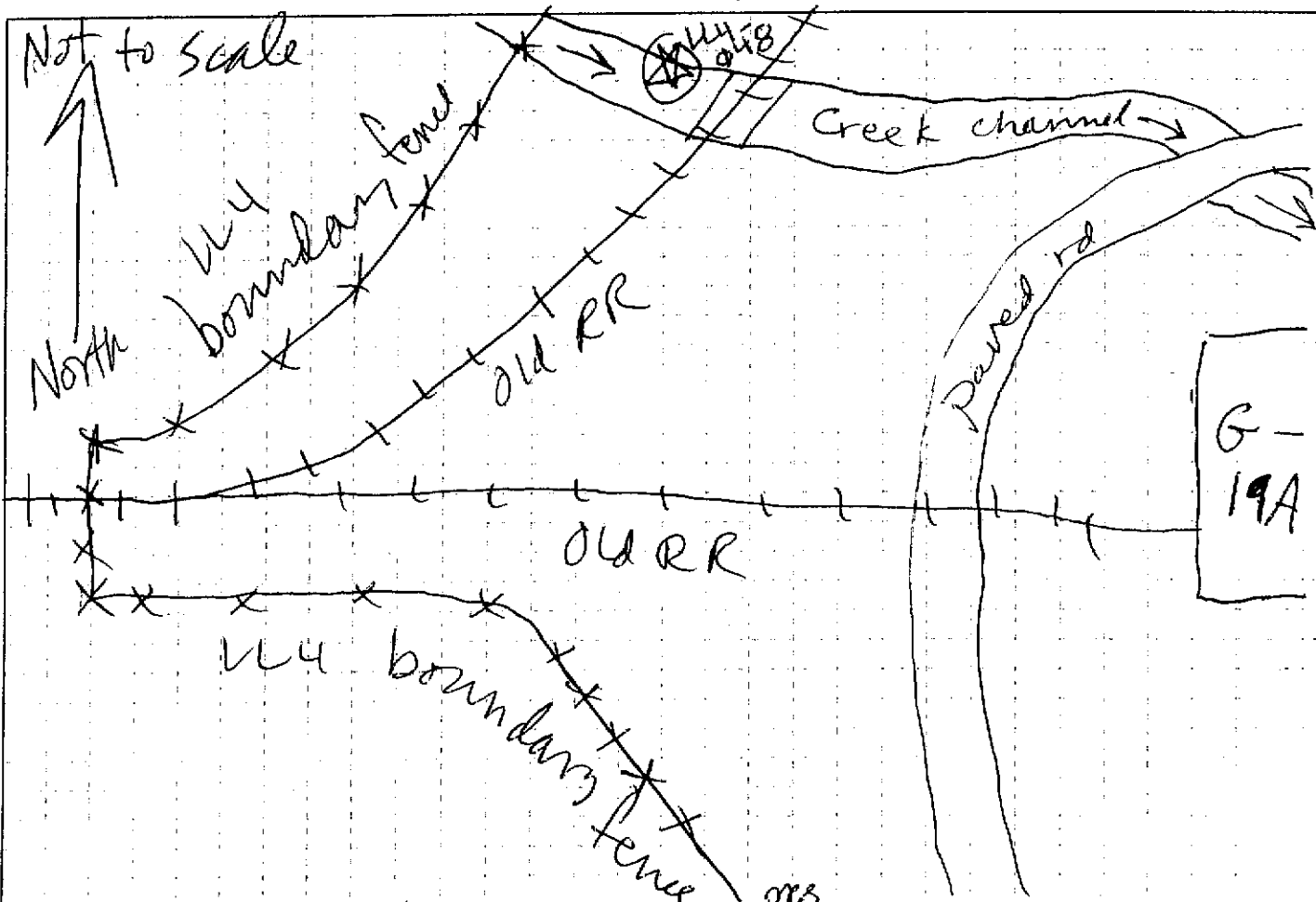
ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	(24) 1.0	10YR 3/1 very dark gray, clay with sand supersaturated	NA	NA	44-0955	map on pg 30 text on pgs 21, 24

LOCATION SKETCH

PROJECT NO: Load Line 4 Phase II RI

DELIVERY ORDER NO: ECAS-186

STATION ID NUMBER: LL4-048	STATION DESCRIPTOR: Phase I RI Resample
SEDIMENT ID NUMBER: LL40957	SEDIMENT DATE & TIME: 8/20/01 1131
SURFACE WATER ID NUMBER: LL40958	SURFACE WATER DATE & TIME: 8/20/01 1111



SW Quality Field Parameters:	Florida U-10 H562-14652	
pH 7.69 SU	D.O. 2.36 mg/L	NORTHING:
Conductivity 0.225 mS/cm	Temperature 18.7 °C	EASTING:
Turbidity -0 NTU	Other _____	

COMMENTS:

RECORDED BY: <i>Jimmy Hester</i>	DATE: 8/20/01	QA CHECK BY: <i>Ty Curran</i>	DATE: 8/28/01
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SEDIMENT LOG

STATION NUMBER **048**

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR *Groton*

SHEET OF

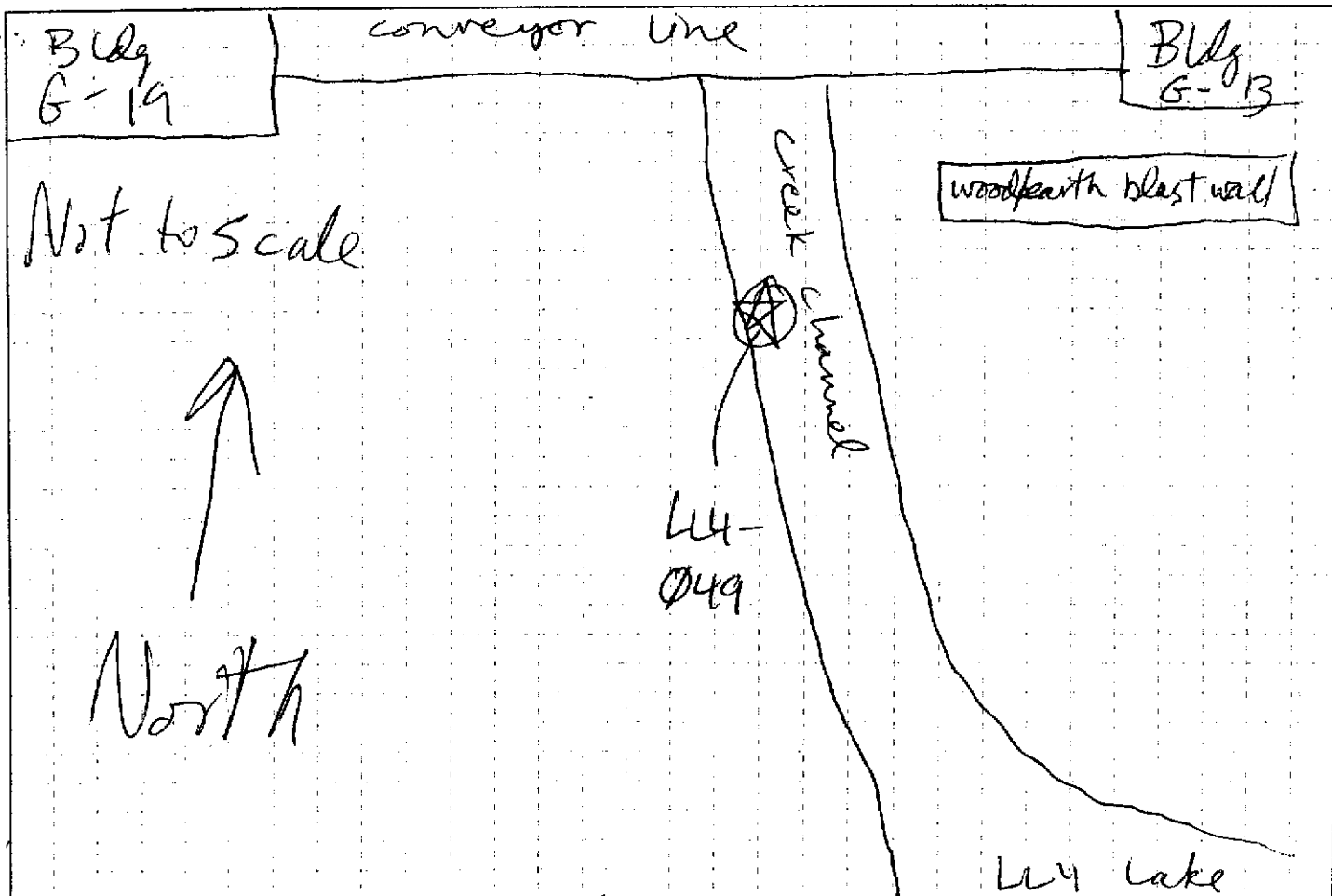
ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	# 0.5	supersaturated dark gray (10YR 4/1) clay with sand and decayed/decaying organic matter (leaves & twigs)	0.0 ppm PID	LL40957 Grain size	LL40957	Sampled to 0 inches inches

LOCATION SKETCH

PROJECT NO: Load Line 4 Phase II RI

DELIVERY ORDER NO: ECAS 186

STATION ID NUMBER: LL4-049	STATION DESCRIPTOR: Phase I Resample Point LL4-049
SEDIMENT ID NUMBER: LL40959	SEDIMENT DATE & TIME: 8/20/01 1021
SURFACE WATER ID NUMBER: LL40960	SURFACE WATER DATE & TIME: 8/20/01 1011



SW Quality Field Parameters:

pH 8.38 SU
 Conductivity 0.145 mS/cm
 Turbidity 68 NTU
 D.O. 5.69 mg/L
 Temperature 20.4 °C
 Other _____

NORTHING:

EASTING:

COMMENTS:

RECORDED BY:

Jimmy Koster

DATE

8/20/01

QA CHECK BY:

By [Signature]

DATE

8/28/01

SEDIMENT LOG

STATION NUMBER **049**

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR **Groton**

SHEET OF

ELEV (A)	DEPTH (B) ft	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	0.5	<p style="text-align: right; margin-right: 10px;"><i>MS</i></p> <p>Supersaturated, black (10YR 3/1) clay w/sand very dark gray top 2 inches black 10YR 2/1</p>	<p>0.0 ppm PLD</p>	NA	LL40959	total depth 6 inches

See page B-5 for sketch

SEDIMENT LOG

CR
12-02

STATION NUMBER 050

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR Loerch

SHEET 1 OF 1

ELEV (A)	DEPTH (B) (ft)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	1.0	Clay with sand; moist; brown (10 YR 5/4)	NA	NA	LL4-0961	map on pg. 6 narrative on pg. 46

See
B-5
for sketch
CR
12-02

SEDIMENT LOG

See page B-5 for sketch

STATION NUMBER 051

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR *Loerch*

SHEET 1 OF 1

ELEV (A)	DEPTH (B) (ft)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
		<i>Very dark gray (10 YR 3/1) - supersaturated silt with sand</i>	<i>NA</i>	<i>LT-0961 NA</i>	<i>LT-0962</i>	
	<i>1.0</i>					

See B-5 for sketch CR 12/02

LOCATION SKETCH

PROJECT NO: Load Line 4 Phase I/RI

DELIVERY ORDER NO: ECAS 186

STATION ID NUMBER: LL4-052	STATION DESCRIPTOR: LL4 Pond
SEDIMENT ID NUMBER: LL40963	SEDIMENT DATE & TIME: 8/14/01 1431
SURFACE WATER ID NUMBER: LL40964	SURFACE WATER DATE & TIME: 8/14/01 1035

See page 6 for map

SW Quality Field Parameters:	Horiba U-10 (14639)	
pH <u>7.61</u> <u>SU</u>	D.O. <u>4.05</u> <u>mg/L</u>	NORTHING:
Conductivity <u>0.143</u> <u>mS/cm</u>	Temperature <u>24.2</u> <u>°C</u>	EASTING:
Turbidity <u>-10</u> <u>NTU</u>	Other _____	

COMMENTS:

RECORDED BY: <i>Jan Loren</i>	DATE: 8/14/01	QA CHECK BY: <i>[Signature]</i>	DATE: 9/28/01
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SEDIMENT LOG

STATION NUMBER **052**

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR *Groton*

SHEET 1 OF 1

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	<div style="text-align: center;">ft</div> <div style="text-align: center;">0.5</div>	black (104R21) silty silty sludge w/oily sheen	0.0 ppm PID	NA	LL40963	

LOCATION SKETCH

PROJECT NO: Lead Line 4 Phase II **DELIVERY ORDER NO:** ECAS 136

STATION ID NUMBER: LL4-053	STATION DESCRIPTOR: LL4 Pond
SEDIMENT ID NUMBER: LL40905	SEDIMENT DATE & TIME: 8/14/01 1421
SURFACE WATER ID NUMBER: LL40906	SURFACE WATER DATE & TIME: 8/14/01 1015

See page 6 for map

SW Quality Field Parameters: <u>Horiba U-10 (14639)</u>		
pH <u>7.47 SU</u>	D.O. <u>2.87 mg/L</u>	NORTHING:
Conductivity <u>0.143 mS/cm</u>	Temperature <u>24.3°C</u>	EASTING:
Turbidity <u>10 NTU</u>	Other _____	

COMMENTS:

RECORDED BY: <u>Jen Loerch</u>	DATE: <u>8/14/01</u>	QA CHECK BY: <u>[Signature]</u>	DATE: <u>8/28/01</u>
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SEDIMENT LOG

STATION NUMBER **053**

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR *Crotan*

SHEET 1 OF 1

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE (D)	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	<div style="position: relative; height: 100px;"> 0.5 </div>	black, oily, (104R 2/1) silty sludge w/ oily sheen, supersaturated	0.0 ppm PID	NA	LU4965	

LOCATION SKETCH

PROJECT NO: Road Line 4 Phase I/RI

DELIVERY ORDER NO: ECAS 186

STATION ID NUMBER: LL4-054	STATION DESCRIPTOR: LL4 Pond
SEDIMENT ID NUMBER: LL40967	SEDIMENT DATE & TIME: 8/14/01 1411
SURFACE WATER ID NUMBER: LL40968	SURFACE WATER DATE & TIME: 8/14/01 0945

see page 6 for map

SW Quality Field Parameters:

pH 7.34 SU

D.O. 2.44 mg/L

NORTHING:

Conductivity 0.144 mS/cm

Temperature 24.2

Turbidity 10 NTU

Other _____

EASTING:

COMMENTS:

RECORDED BY

Jimmy G...

DATE

8/14/01

QA CHECK BY

[Signature]

DATE

8/28/01

SEDIMENT LOG

STATION NUMBER **054**

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR **Gaton**

SHEET 1 OF 1

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	<div style="position: relative; height: 100px;"> </div>	black (10' R 2') silty sludge, super saturated oily film	0.0 ppm PID	LL40967 Grain size	LL40967	

02

LOCATION SKETCH

PROJECT NO: Load Line 4 Phase II RI **DELIVERY ORDER NO:** ECAS 186

STATION ID NUMBER: LL4-055	STATION DESCRIPTOR: LL4 Pond
SEDIMENT ID NUMBER: LL40969	SEDIMENT DATE & TIME: 8/14/01 1401
SURFACE WATER ID NUMBER: LL40970	SURFACE WATER DATE & TIME: 8/14/01 0915

see page 6 for map

SW Quality Field Parameters: Horiba U-10 (14639)		
pH 7.23 SU	D.O. 1.69 mg/L	NORTHING:
Conductivity 0.145 mS/cm	Temperature 23.9 °C	EASTING:
Turbidity -10 NTU	Other _____	

COMMENTS: **Narrative p. 33; Sediment log p. 63.**

RECORDED BY: Jen Leuch	DATE: 8/28/01	QA CHECK BY: [Signature]	DATE: 8/28/01
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SEDIMENT LOG

 STATION NUMBER 055

63

PROJECT: RVAAP, Load Line 4 Phase II RI

 INSPECTOR Grafon

SHEET / OF

ELEV. (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	A 0.5	black (104R 211) silty sludge, supersaturated, oily film	0.0 ppm	NA	W40969	

PROJECT: RVAAP, Load Line 4 Phase II RI

B-23

 STATION NUMBER 055

SEDIMENT LOG

STATION NUMBER 056

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR Groton

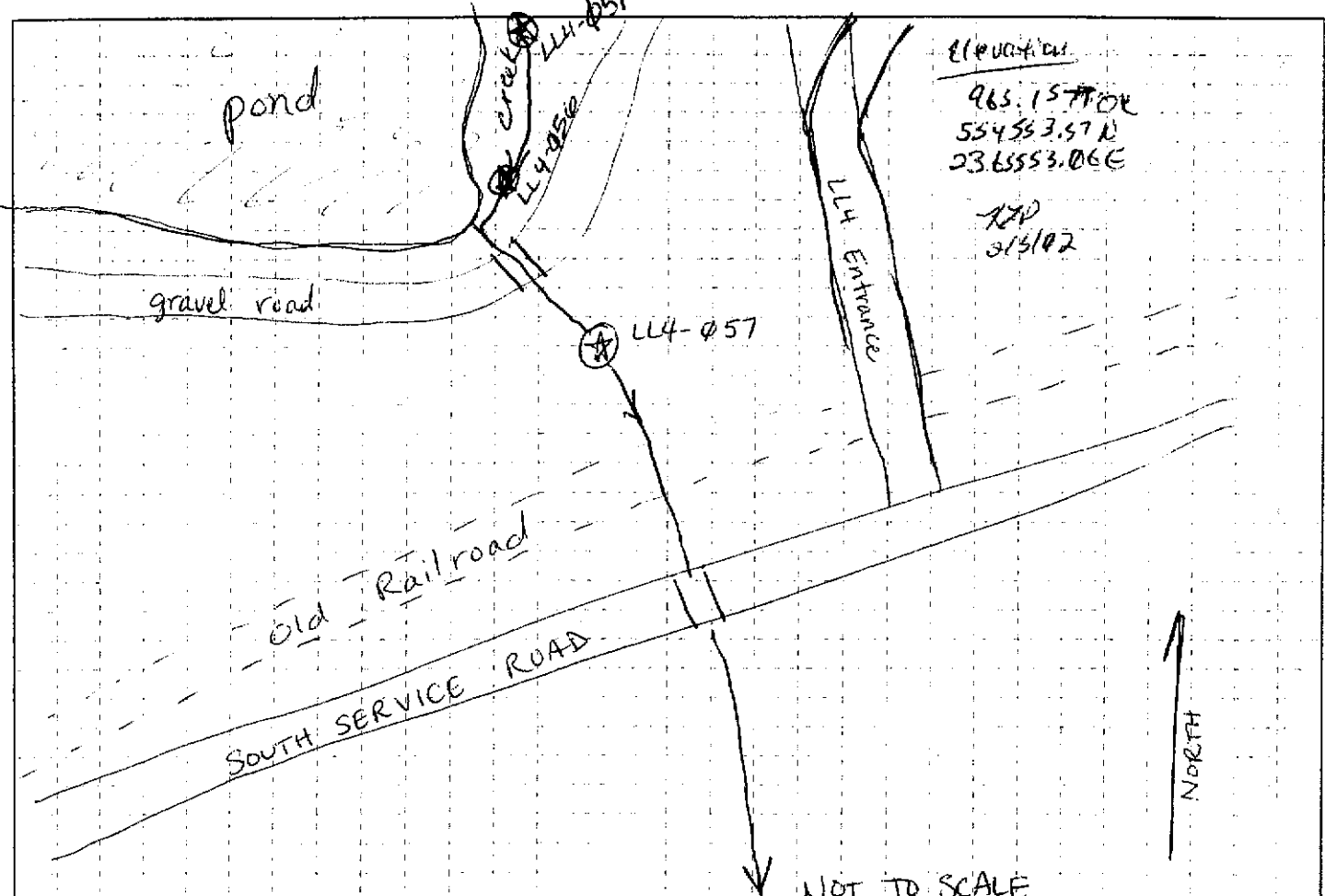
SHEET (OF)

ELEV (A)	DEPTH (B) (ft)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	1.0	Very Dark gray (10 YR 3/1) Supersaturated silt with sand	NA	LL-3.9% LL4-0971 grain size	LL4-0971	
				see page B-5 for sketch		CR 1202

LOCATION SKETCH

PROJECT NO. Load Line 4 Phase II RI **DELIVERY ORDER NO. ECAS 186**

STATION ID NUMBER: LL4-057	STATION DESCRIPTOR: <i>Drainage ditch ~200 ft SW LL4 pond</i>
SEDIMENT ID NUMBER: LL4-0973	SEDIMENT DATE & TIME: 08/13/01 1410
SURFACE WATER ID NUMBER: LL4-0974	SURFACE WATER DATE & TIME: 08/13/01 1400



SW Quality Field Parameters:	<i>Florida U-10 #14639</i>	
pH <u>7.85 SU</u>	D.O. <u>4.82 mg/L</u>	NORTHING:
Conductivity <u>0.226 mS/cm</u>	Temperature <u>21.2°C</u>	EASTING:
Turbidity <u>10 NTU</u>	Other _____	

COMMENTS: *narrative on pg 28, sediment log on pg 39*

RECORDED BY: <i>Jimmy G... [Signature]</i>	DATE: 8/13/01	QA CHECK BY: <i>[Signature]</i>	DATE:
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SEDIMENT LOG

STATION NUMBER **057**

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR *Larch*

SHEET 1 OF 1

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	(ft)	<i>very dark gray (10 YR 3/1) clay with sand; saturated</i>	NA	LL4-φ <i>LL4-φ953</i> <i>grain size</i>	LL4-0953	
	1-φ					

LOCATION SKETCH

PROJECT NO: Load Line 4 Phase II RI

DELIVERY ORDER NO: ECAS 186

STATION ID NUMBER:

LL4-058

STATION DESCRIPTOR:

Phase I Resample LL4-058

SEDIMENT ID NUMBER:

LL40975

SEDIMENT DATE & TIME:

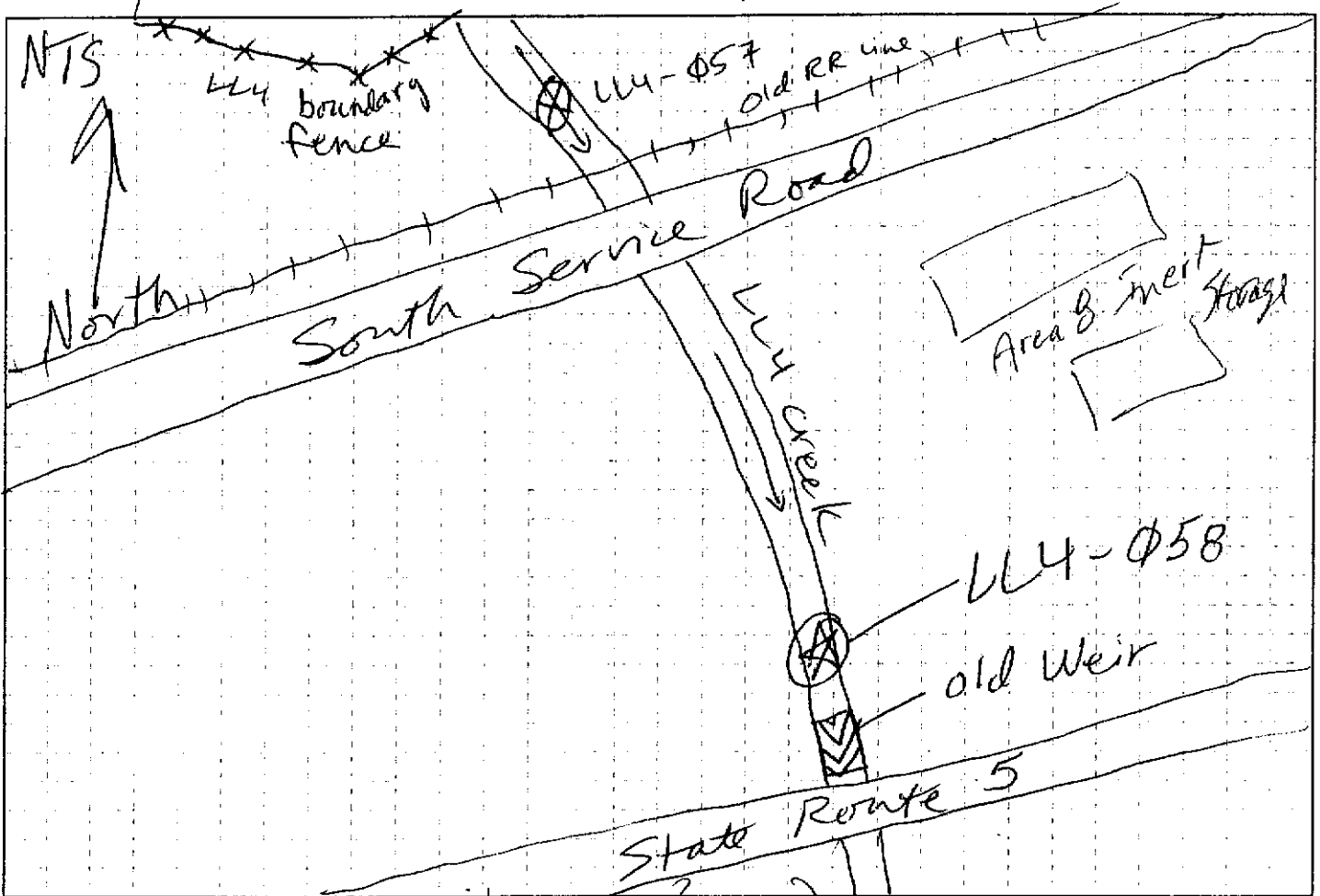
8/20/01 1327

SURFACE WATER ID NUMBER:

LL40976

SURFACE WATER DATE & TIME:

8/14/01 1730



SW Quality Field Parameters:

Horiba U-10 (14639)

pH 7.99 SU

D.O. 6.14 mg/L

Conductivity 0.281 mS/cm

Temperature 19.5°C

Turbidity = 10 NTU

Other _____

NORTHING:

EASTING:

COMMENTS:

RECORDED BY:

Jimmy B...

DATE 8/14/01

QA CHECK BY:

[Signature]

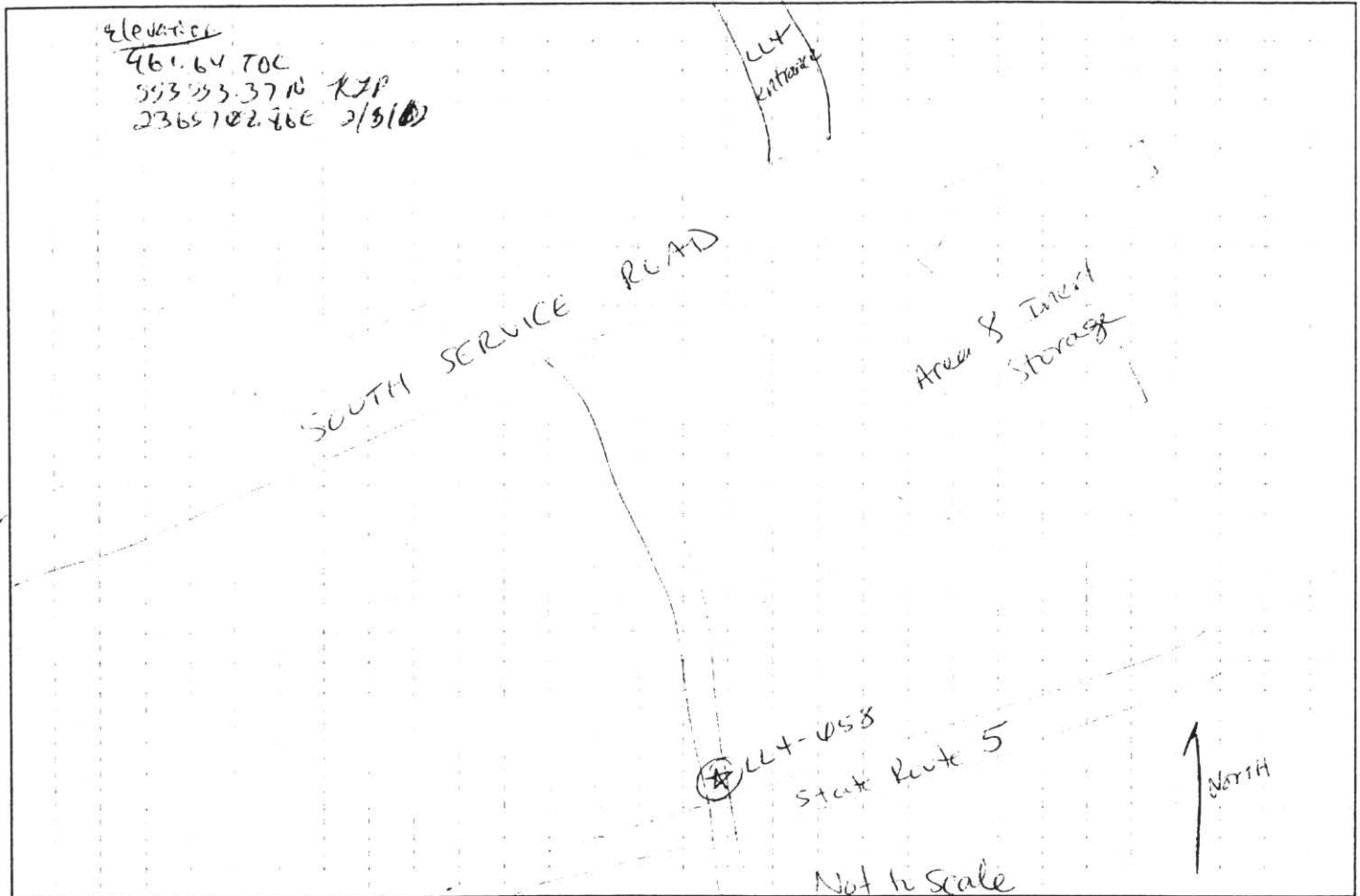
DATE 8/28/01

LOCATION SKETCH

PROJECT NO: Load Line 4 Phase II RI

DELIVERY ORDER NO: ECAS 186

STATION ID NUMBER: LL4-058	STATION DESCRIPTOR: Phase I Resample LL4-058
SEDIMENT ID NUMBER: LL4-0975 SN 3/26/04	SEDIMENT DATE & TIME: 8/20/01 13:27 SN 3/26/04
SURFACE WATER ID NUMBER: LL4-0976 SN 3/26/04	SURFACE WATER DATE & TIME: 8/14/01 17:30 SN 3/26/04



SW Quality Field Parameters:		
pH _____	D.O. _____	NORTHING: _____
Conductivity _____	Temperature _____	EASTING: _____
Turbidity _____	Other _____	

COMMENTS:

RECORDED BY: <i>Don Loren</i>	DATE: 8/28/01	QA CHECK BY: <i>[Signature]</i>	DATE: 8/28/01
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SEDIMENT LOG

STATION NUMBER **058**

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR **Grotz**

SHEET 1 OF 1

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	<div style="text-align: center;">ft</div> <div style="text-align: center;">0.5</div>	Super saturated brown (10YR 5/4) and gray (10YR 4/1) poorly graded sand with gravel	φ, φ ppm P I D	LL40975 Grain Size	LL40975	sample collected from 0.3 ft of sand deposit over cobble bed

SEDIMENT LOG

STATION NUMBER 145

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR *Grivat*

SHEET 1 OF 1

ELEV. (A)	DEPTH (B) (ft)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	1.0	<i>10 yr 71 Very dark gray, clay with sand supersaturated</i>	<i>NA</i>	<i>NA</i>	<i>LL4-2887 LL4-1137 Dup LL4-1155 Split</i>	<i>narrative pg 25 map pg 6</i>
<i>See page B-5 for sketch</i>						

LOCATION SKETCH

PROJECT NO: Load Line 4 Phase I RI

DELIVERY ORDER NO: ECAS 136

STATION ID NUMBER: LL4-175	STATION DESCRIPTOR: Bldg G-8 south washout annex
SEDIMENT ID NUMBER: LL40952, LL41145 LL41163	SEDIMENT DATE & TIME: 8/14/01 1347
SURFACE WATER ID NUMBER: LL40952	SURFACE WATER DATE & TIME: 8/14/01 1133

See pg 18 for map

SW Quality Field Parameters:	Horiba U-10 14639	NORTHING:
pH <u>8.84</u> <u>SJ</u>	D.O. <u>2.62 mg/L</u>	
Conductivity <u>5.58 mS/cm</u>	Temperature <u>17.8°C</u>	EASTING:
Turbidity <u>34 NTU</u>	Other _____	

COMMENTS: Narrative p. 32. Map p. 18. Sediment Log p. 59.

RECORDED BY: <i>[Signature]</i>	DATE: 8/14/01	QA CHECK BY: <i>[Signature]</i>	DATE: 8/28/01
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SEDIMENT LOG

STATION NUMBER **175**

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR **Grotan**

SHEET 1 OF 1

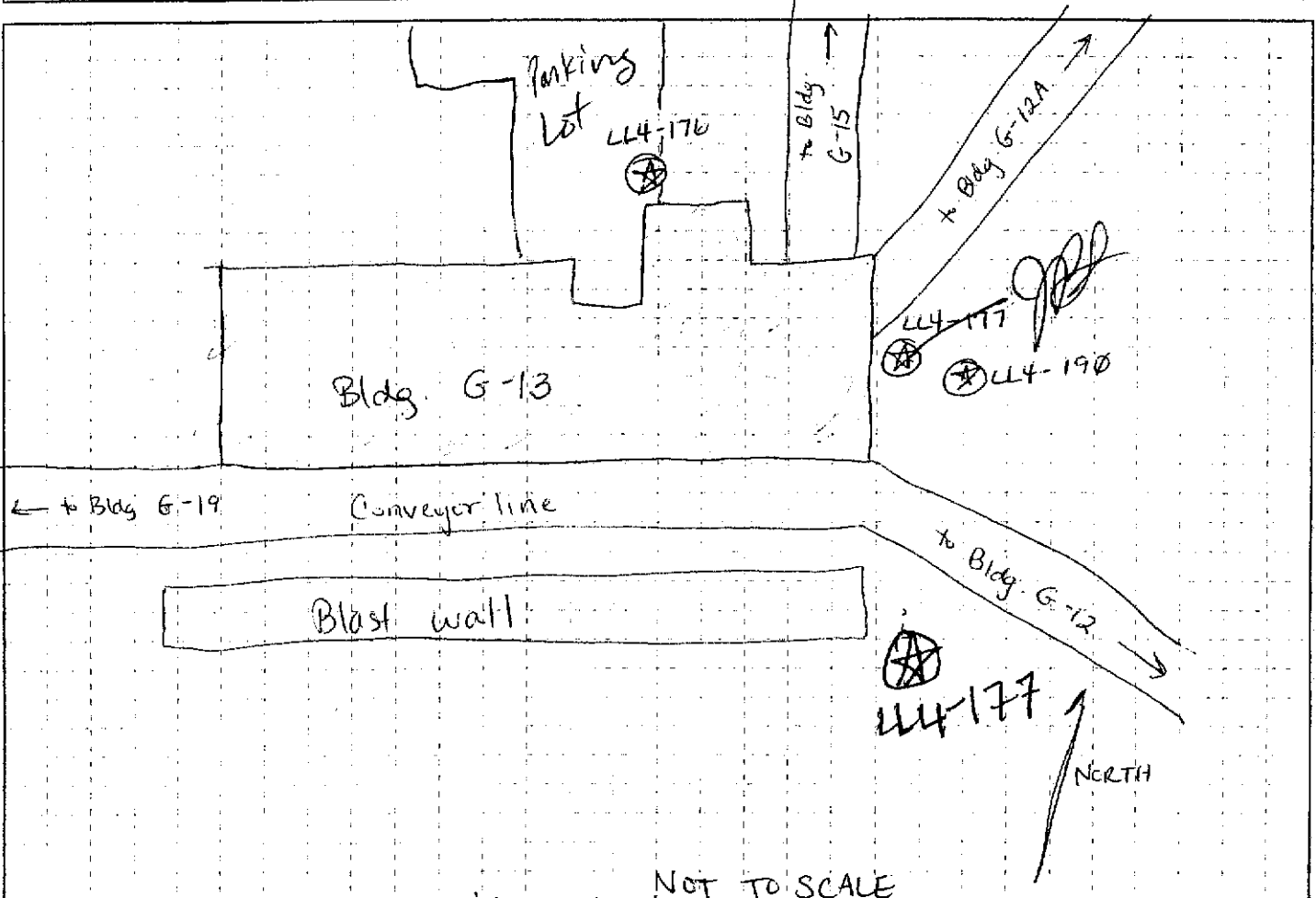
ELEV (A)	DEPTH (B) ft	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEO TECH SAMPLE	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	<div style="position: relative; height: 100px;"> 0.5 1.0 </div>	<p>2.5 yr 2.5/3 (very dusky red sludge in bottom of sump lots of metal fragments, transit, paint chips, rust flakes, bolts, pieces of wire)</p>	<p>PPM PID</p>	<p>NA</p>	<p>LL40951</p>	<p>588 φ. 2 inches thick feet</p>

LOCATION SKETCH

PROJECT NO.: Load Line 4 Phase II RI

DELIVERY ORDER NO.: ECAS 136

STATION ID NUMBER: LL4-176	STATION DESCRIPTOR: Bldg. G-13
SEDIMENT ID NUMBER: LL4-0977	SEDIMENT DATE & TIME: 08/12/01 1357
SURFACE WATER ID NUMBER: LL4-0978	SURFACE WATER DATE & TIME: 08/12/01 1357



SW Quality Field Parameters:	Horiba U-10 #14039	
pH 7.35 SU	D.O. NA	NORTHING:
Conductivity 0.214 mS/cm	Temperature 18.7°C	EASTING:
Turbidity 10 NTU	Other _____	

COMMENTS:

RECORDED BY: <i>Jim [Signature]</i>	DATE: 8/12/01	QA CHECK BY: <i>[Signature]</i>	DATE:
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SEDIMENT LOG

STATION NUMBER **176**

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR *My G...*

SHEET / OF

ELEV (A)	DEPTH (B) (ft)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	<div style="position: relative; height: 100px;"> 1.3 1.0 </div>	104R 4/1 gray sand with clay, supersaturated with gravel, bricks, twigs, small branches, and mud.	φ: φ ppm PDI	NA	LL4φ9.77	See map on PS 14

SEDIMENT LOG

STATION NUMBER **177**

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR *W. Grivat*

SHEET 1 OF 1

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	<p><i>0.3</i></p> <p><i>1.0</i></p>	<p><i>104R 4/1 dark gray clay with sand</i></p>	<p><i>0.0</i></p> <p><i>77m</i></p> <p><i>PII</i></p>	<p><i>NA</i></p>	<p><i>LL4 1179</i></p> <p><i>LL4 1140</i></p> <p><i>LL4 1158</i></p>	<p><i>Grab Duplicate Split</i></p>
<p><i>See page B-33 for gutter ok 1202</i></p>						

SEDIMENT LOG

STATION NUMBER 178

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR Grotton

SHEET 1 OF 1

ELEV (A)	DEPTH (B) (F)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS (D)	GEOTECH SAMPLE (E)	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	1.0	Organic sediment with many pieces of decaying organic material; dark brown (10.1% S12)	0.0 ppm (PID)	NA	U3-0980	map on pg 22 narrative on pg 12

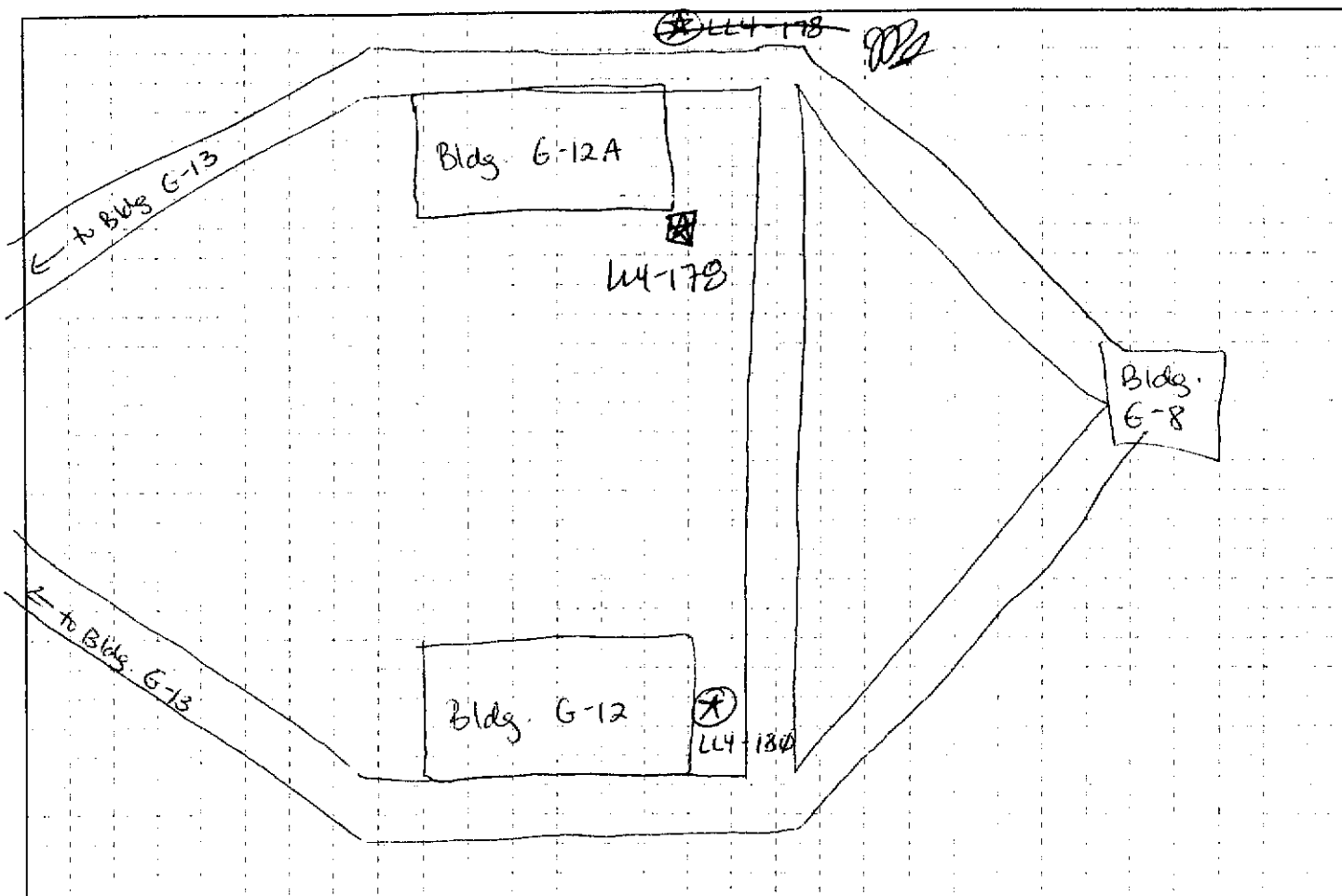
See page B-37 for sketch CR 1202

LOCATION SKETCH

PROJECT NO: Road Line 4 Phase II RI

DELIVERY ORDER NO: ECAS 186

STATION ID NUMBER: LL4-180	STATION DESCRIPTOR: MH-3
SEDIMENT ID NUMBER: NA	SEDIMENT DATE & TIME: NA
SURFACE WATER ID NUMBER: LL40983	SURFACE WATER DATE & TIME: 8/12/01 1100



SW Quality Field Parameters:	Homba U-10 # 14039		NORTHING: EASTING:
pH <u>7.36</u>	D.O. <u>7.90 mg/L</u>		
Conductivity <u>0.195 mS/cm</u>	Temperature <u>16.1°C</u>		
Turbidity <u>10 NTU</u>	Other _____		

COMMENTS:

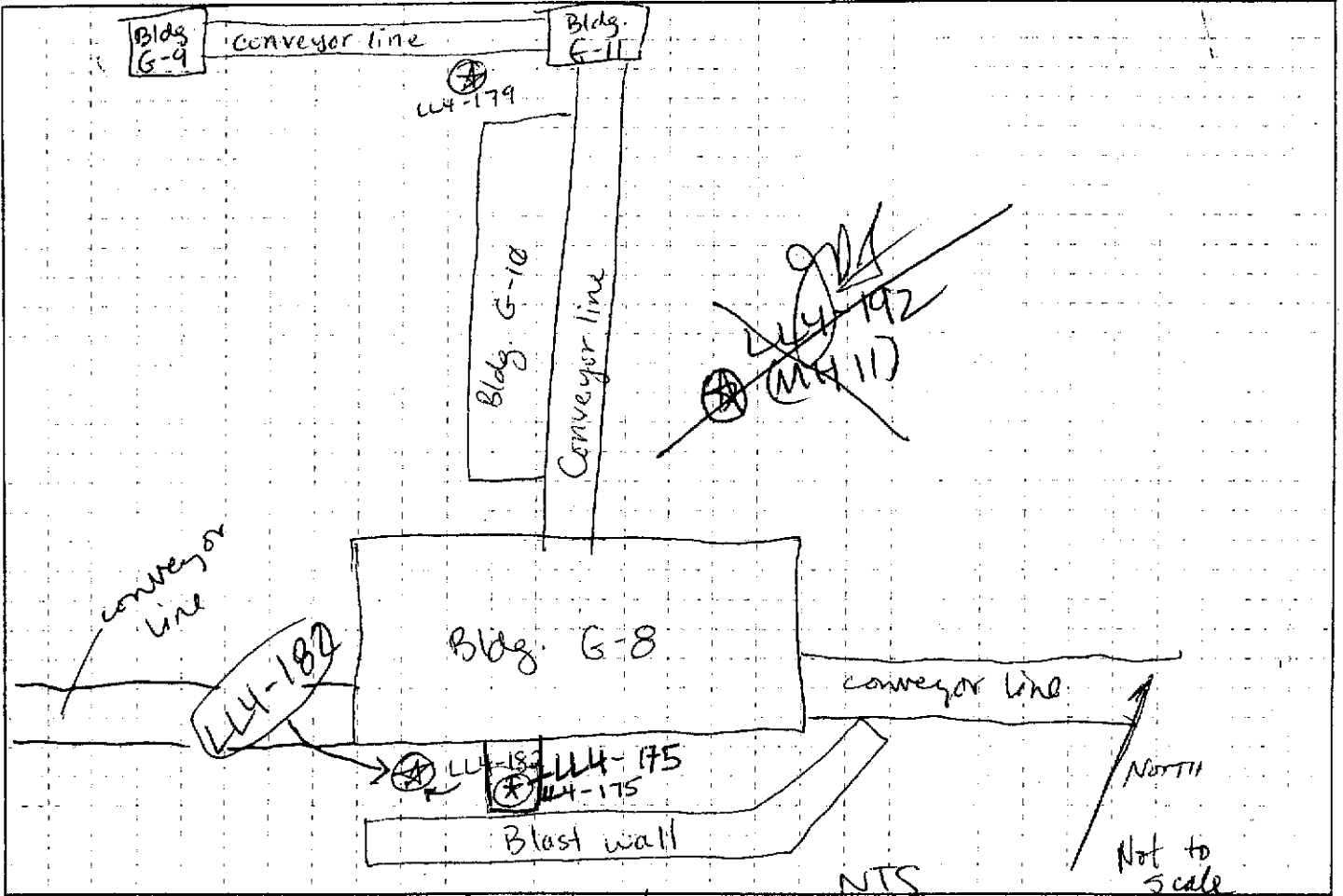
RECORDED BY: <i>Jimmy Miller</i>	DATE	QA CHECK BY: <i>[Signature]</i>	DATE
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LOCATION SKETCH

PROJECT NO: Load Line 4 Phase II RI

DELIVERY ORDER NO: ECAS 186

STATION ID NUMBER: LL4-179 ^{gal station} LL4-182	STATION DESCRIPTOR: Near Bldg. G-10 and G-11
SEDIMENT ID NUMBER: not taken	SEDIMENT DATE & TIME: NA
SURFACE WATER ID NUMBER: LL4-0987	SURFACE WATER DATE & TIME: 08/12/01 1535



SW Quality Field Parameters:	Florida D-10 #14639	
pH <u>7.36 SD</u>	D.O. <u>NA</u>	NORTHING:
Conductivity <u>0.136 mS/cm</u>	Temperature <u>16.6 °C</u>	
Turbidity <u>-10 NTU</u>	Other _____	EASTING:

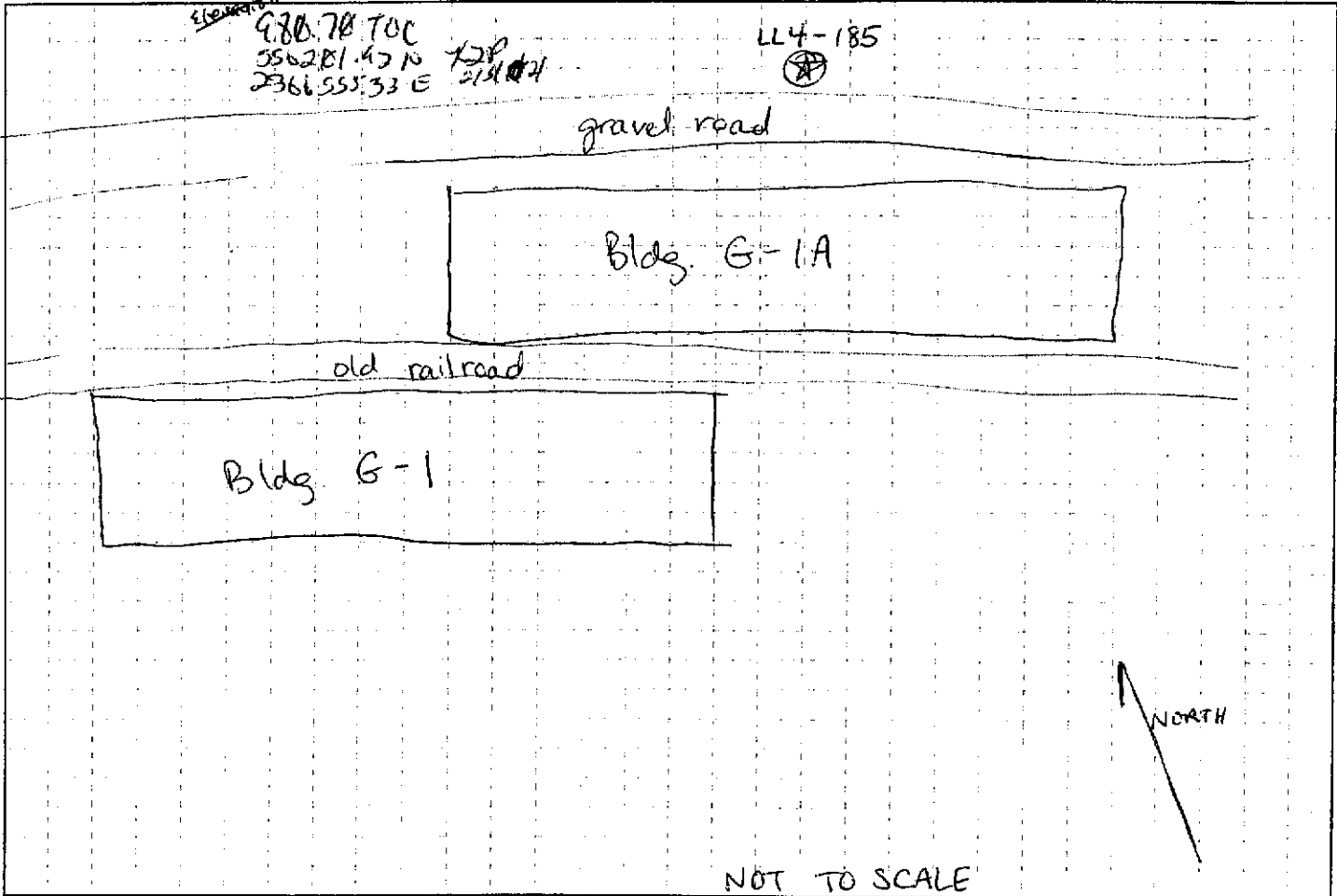
COMMENTS: No sediment in line to collect

RECORDED BY: <u>[Signature]</u>	DATE: <u>8/12/01</u>	QA CHECK BY: <u>[Signature]</u>	DATE: <u>8/28/01</u>
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LOCATION SKETCH

PROJECT NO. Load Line 4-Phase II RI **DELIVERY ORDER NO. ECAS 186**

STATION ID NUMBER: LL4-185	STATION DESCRIPTOR: <i>Drainage ditch north of Bldg G-1A</i>
SEDIMENT ID NUMBER: LL4-0990	SEDIMENT DATE & TIME: 08/11/01 1531
SURFACE WATER ID NUMBER: NA	SURFACE WATER DATE & TIME: NA



SW Quality Field Parameters:		
pH _____	D.O. _____	NORTHING: _____
Conductivity _____	Temperature _____	EASTING: _____
Turbidity _____	Other _____	

COMMENTS:

RECORDED BY: <i>Jimmy Boster</i>	DATE	QA CHECK BY: <i>By Gunt</i>	DATE
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SEDIMENT LOG

STATION NUMBER 185

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR *Groton*

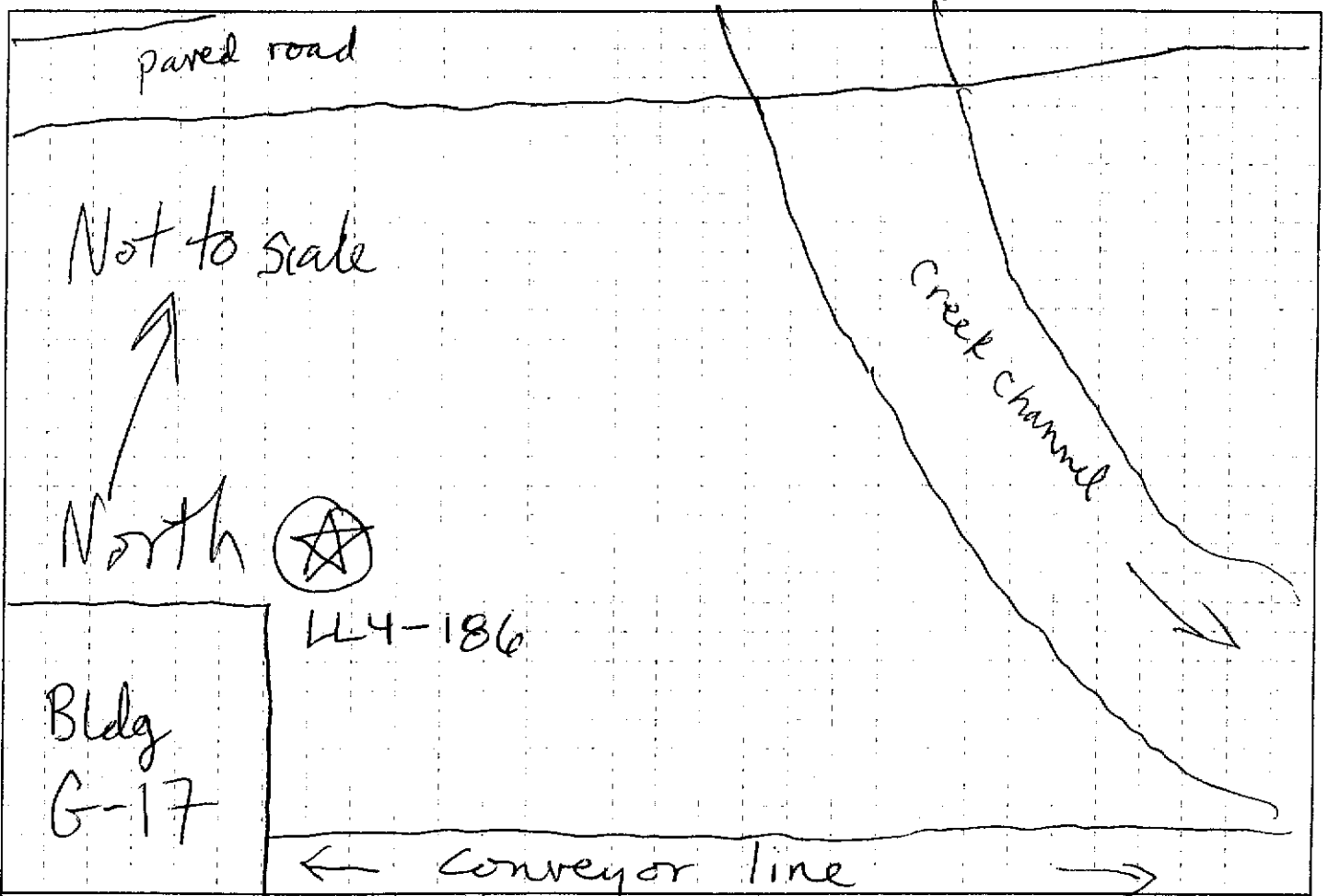
SHEET 1 OF 1

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	1.0	<i>Dark gray (10% to 30%) sandy clay; supersaturated; with decayed organic material</i>		<i>grain size U3-0990</i>	<i>U3-0990</i>	

LOCATION SKETCH

PROJECT NO: Load Line 4 Phase II RI **DELIVERY ORDER NO:** EGAS 186

STATION ID NUMBER: LL4-186	STATION DESCRIPTOR: MH W4-3
SEDIMENT ID NUMBER: LL40991	SEDIMENT DATE & TIME: 8/20/01 0943
SURFACE WATER ID NUMBER: LL40992	SURFACE WATER DATE & TIME: 8/20/01 0923



SW Quality Field Parameters:	Horiba #14652		NORTHING: EASTING:
pH 7.38 SU	D.O. 6.25 mg/L	Temperature 14.7 °C	
Conductivity 0.524 mS/cm	Other _____		
Turbidity -5 NTU			

COMMENTS:

RECORDED BY: Jimmy Hester	DATE: 8/20/01	QA CHECK BY:	DATE:
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SEDIMENT LOG

STATION NUMBER **186**

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR **Croton**

SHEET OF

ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	<div style="position: relative; height: 100px;"> </div>	<p>Super saturated, strong brown (7.5YR 5/1B), silt w/a trace of sand & rust</p>	<p>0.0 ppm PID</p>	<p>NA</p>	<p>LU40991</p>	

LOCATION SKETCH

PROJECT NO.: Load Line 4-Phase I-RI **DELIVERY ORDER NO.:** EGAS 186

STATION ID NUMBER: LL4. 187	STATION DESCRIPTOR: MH-W4
SEDIMENT ID NUMBER: LL40993	SEDIMENT DATE & TIME: 8/14/01 1441
SURFACE WATER ID NUMBER: LL40994	SURFACE WATER DATE & TIME: 8/14/01 1645

See map on page 6.

SW Quality Field Parameters: Florida 0-10 (1463A)		NORTHING: EASTING:
pH 7.65 SU	D.O. 1.97 mg/L	
Conductivity 0.128 mS/cm	Temperature 24.5°C	
Turbidity 1.0 NTU	Other _____	

COMMENTS:

RECORDED BY: <i>Jimmy [Signature]</i>	DATE: 8/14/01	QA CHECK BY: <i>[Signature]</i>	DATE: 8/28/01
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SEDIMENT LOG

STATION NUMBER **187**

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR **Grotz**

SHEET OF

ELEV. (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	<div style="text-align: center;">(A)</div> <div style="text-align: center;">0.5</div>	black (10YR 2/1), oily, supersaturated silty sludge	0.0 ppm PID	LL40993 Grain Size	LL40993	petroleum hydrocarbon odor

LOCATION SKETCH

PROJECT NO: Load Line 4 Phase II RI

DELIVERY ORDER NO: ECAS 186

STATION ID NUMBER: <u>LL4-189</u>	STATION DESCRIPTOR: <u>MH W1</u>
SEDIMENT ID NUMBER: <u>LL4 0997</u>	SEDIMENT DATE & TIME: <u>8/13/01</u> 0835 <u>0942</u>
SURFACE WATER ID NUMBER: <u>LL4 0998*</u>	SURFACE WATER DATE & TIME: <u>8/13/01</u> 0942 <u>0835</u>

280.61 TOC
555 003.18 N
2365473.02E

See map on pg. 6

SW Quality Field Parameters:	<u>Flonba V-10 #14639</u>	
pH <u>7.26</u> <u>SU</u>	D.O. <u>NA</u>	NORTHING:
Conductivity <u>0.146</u> <u>mS/cm</u>	Temperature <u>13.1</u> <u>°C</u>	EASTING:
Turbidity <u>-10</u> <u>NTU</u>	Other _____	

COMMENTS: Field duplicate LL41154 collected at LL4-189 8/13/01 0835
QC split LL41172 collected at LL4-189 8/13/01 0835

RECORDED BY: <u>[Signature]</u>	DATE: <u>8/13/01</u>	QA CHECK BY: <u>[Signature]</u>	DATE:
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SEDIMENT LOG

STATION NUMBER 189

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR *W. G. Nat*

SHEET 1 OF 1

ELEV (A)	DEPTH (B) in ft	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	.3	fine grained sand, 100% dark yellowish brown, well sorted, well rounded	Ø.Ø ppm PID	NA	LL4 0997	text on pg 13 map on pg 6
<div style="display: flex; justify-content: space-between;"> <div style="width: 10%; border-right: 1px solid black;"> <!-- Vertical scale markings --> </div> <div style="width: 85%;"></div> <div style="width: 10%; border-left: 1px solid black;"> <!-- Vertical scale markings --> </div> </div>						

SEDIMENT LOG

STATION NUMBER 190

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR *Grotter*

SHEET OF

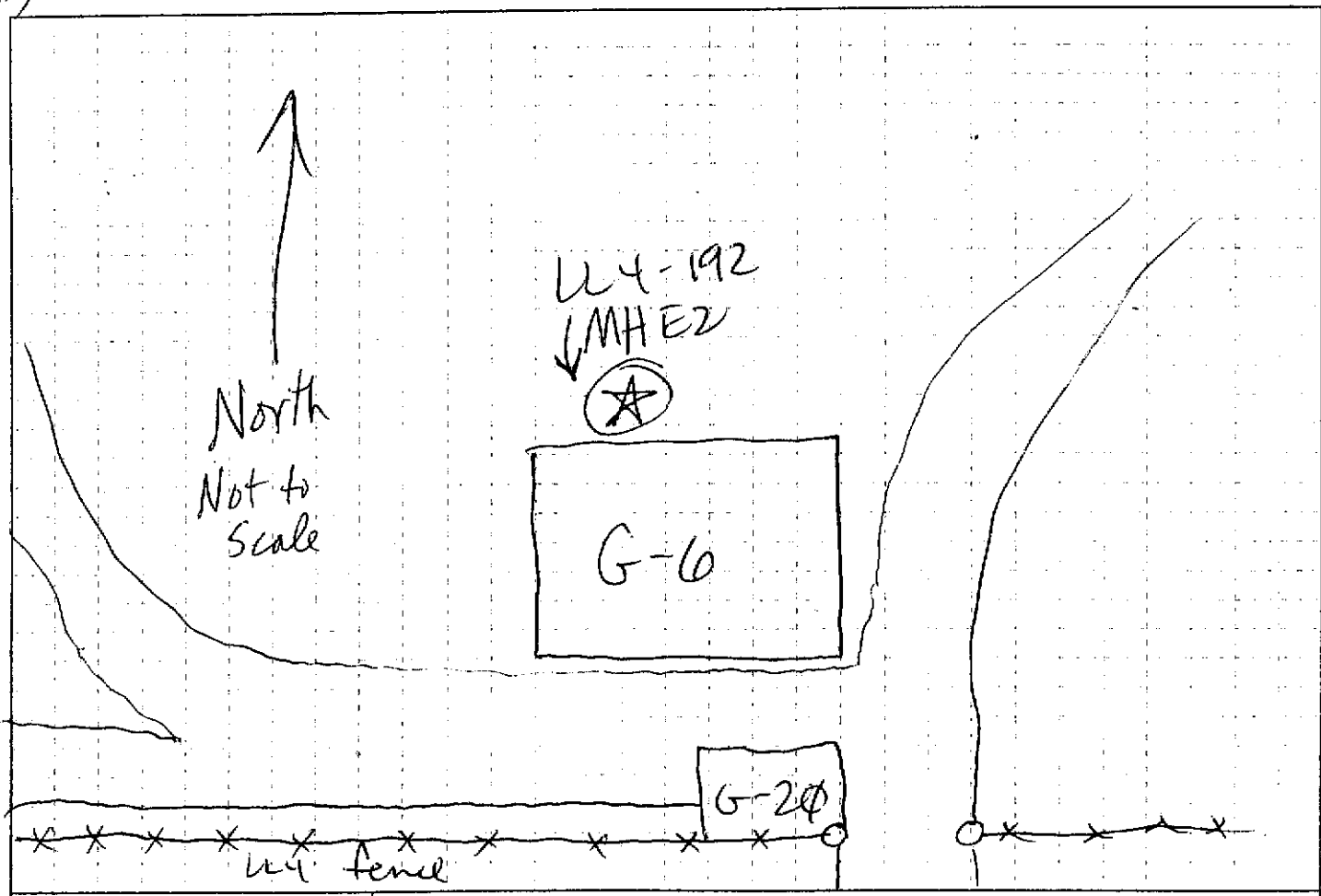
ELEV (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	0.5	very dark gray (1ΦYR 3/1) silt w/ clay and sand & decayed organic matter (leaves & twigs)	NA	NA	U40999	narrative on pg 20 map on pg 14

see page B-33 for Grotter OR 1202

LOCATION SKETCH

PROJECT NO: Load Line 4 Phase I/R **DELIVERY ORDER NO:** ECAS 186

STATION ID NUMBER: L24-192	STATION DESCRIPTOR: MHEZ
SEDIMENT ID NUMBER: AA L41003	SEDIMENT DATE & TIME: 8/13/01 1045
SURFACE WATER ID NUMBER: L4-1003 NA	SURFACE WATER DATE & TIME: 8/13/01 1045



SW Quality Field Parameters:		NORTHING: EASTING:
pH _____	D.O. _____	
Conductivity _____	Temperature _____	
Turbidity _____	Other _____	

COMMENTS: **narrative on pg 17, sed log on pg 35**

RECORDED BY: <i>Jimmy Nelson</i>	DATE: 8/13/01	QA CHECK BY: <i>[Signature]</i>	DATE: 8/28/01
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SEDIMENT LOG

STATION NUMBER 192

PROJECT: RVAAP, Load Line 4 Phase II RI

INSPECTOR *Loerch*

SHEET / OF /

ELEV. (A)	DEPTH (B) (ft)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO (F)	REMARKS (G)
	1.0	Dark yellowish brown (10YR 4/4) Sand (fine grained) with clays; very moist	NA	NA	LL4-1003	<i>908</i> map on pg # 38 narrative on pg 17

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