

**APPENDIX B**  
**SURFACE WATER/SEDIMENT SAMPLING LOGS**

**THIS PAGE INTENTIONALLY LEFT BLANK.**

**APPENDIX B  
SURFACE WATER/SEDIMENT SAMPLING LOGS**

**DISCRETE SURFACE WATER/SEDIMENT SAMPLES**

EBG-146 (SED) and EBG-154 (SW) .....	B-7
EBG-147 (SED) and EBG-155 (SW) .....	B-9
EBG-148 (SED) and EBG-156 (SW) .....	B-11
EBG-149 (SED) and EBG-157 (SW) .....	B-13
EBG-150 (SED) and EBG 158 (SW) .....	B-15
EBG-151 (SED) and EBG-159 (SW) .....	B-17

**MULTI-INCREMENT SEDIMENT SAMPLES**

EBG-152 (SED) .....	B-21
EBG-153 (SED) .....	B-23

**SURFACE WATER SAMPLE**

EBG-161 (SW) .....	B-27
--------------------	------

**THIS PAGE INTENTIONALLY LEFT BLANK.**

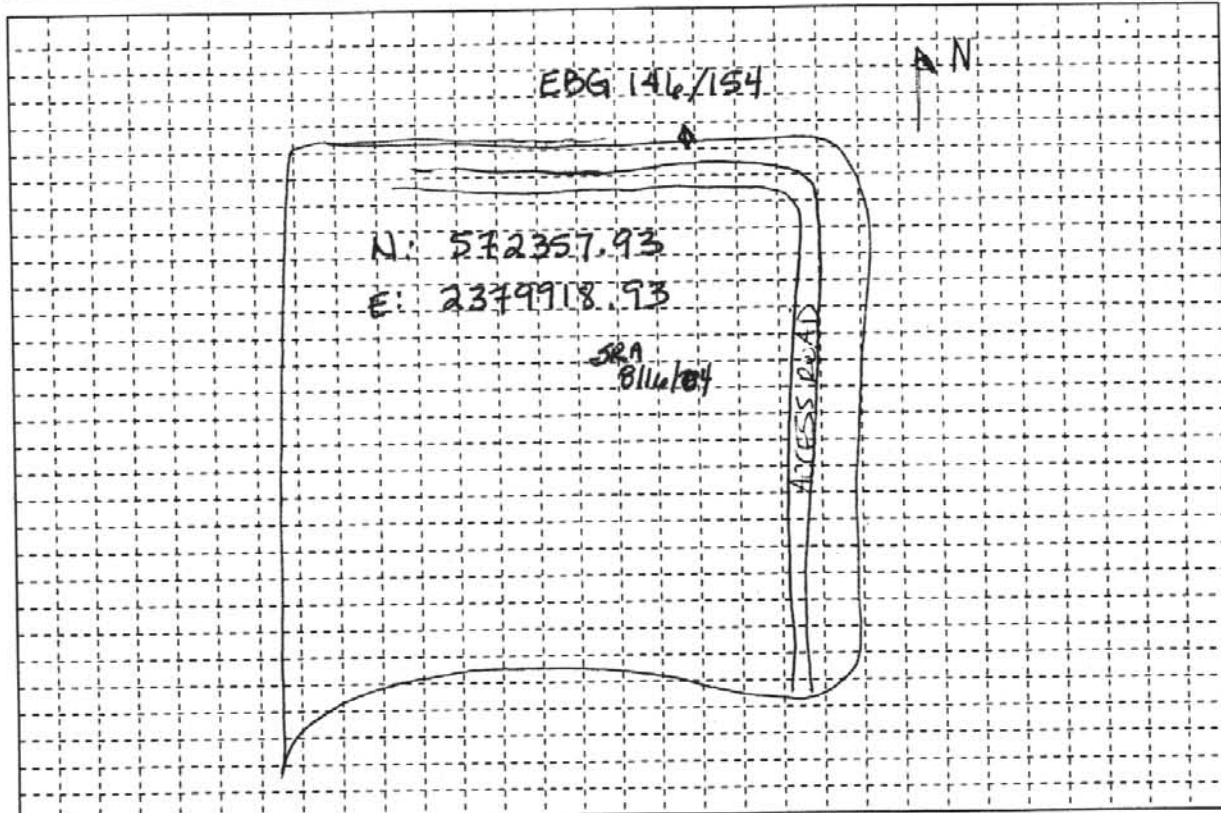
**DISCRETE SURFACE WATER/SEDIMENT SAMPLES**

**THIS PAGE INTENTIONALLY LEFT BLANK.**

**LOCATION SKETCH**

**PROJECT NO: Erie Burning Grounds Phase II**      **DELIVERY ORDER NO: GY10**

STATION ID NUMBER: EBG-146 (SED) & EBG-154 (SW)	STATION DESCRIPTOR: EBG
SEDIMENT ID NUMBER: EBG 346	SEDIMENT DATE & TIME: 14/29/43 1225
SURFACE WATER ID NUMBER: EBG 318	SURFACE WATER DATE & TIME: 14/29/43 1224



SW Quality Field Parameters:		
pH <u>6.18</u>	D.O. <u>5.8</u>	NORTHING:
Conductivity <u>4195</u>	Temperature <u>9.3°</u>	

COMMENTS: TD 0.5'

RECORDED BY: <u>Kelly [Signature]</u>	DATE: <u>14/24/43</u>	QA CHECK BY: <u>[Signature]</u>	DATE: <u>12/5/03</u>
---------------------------------------	-----------------------	---------------------------------	----------------------

**SEDIMENT LOG**

STATION NUMBER **EBS 146**

**83**

PROJECT: **Erie Burning Grounds Phase II**

INSPECTOR *T. B...*

SHEET / OF 1

ELEV. (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	0.25'  0.5'	Saturated, soft, low plasticity (MAY 3/1 very dark gray SILT with some sand (very fine), trace clay, abundant gravel to 5mm	<del>44 ppm</del> SRA 6/27/05	NA	EBG 346 @ 1225	PID = 0.0 ppm SRA 6/27/05
		Total depth @ 0.5'				

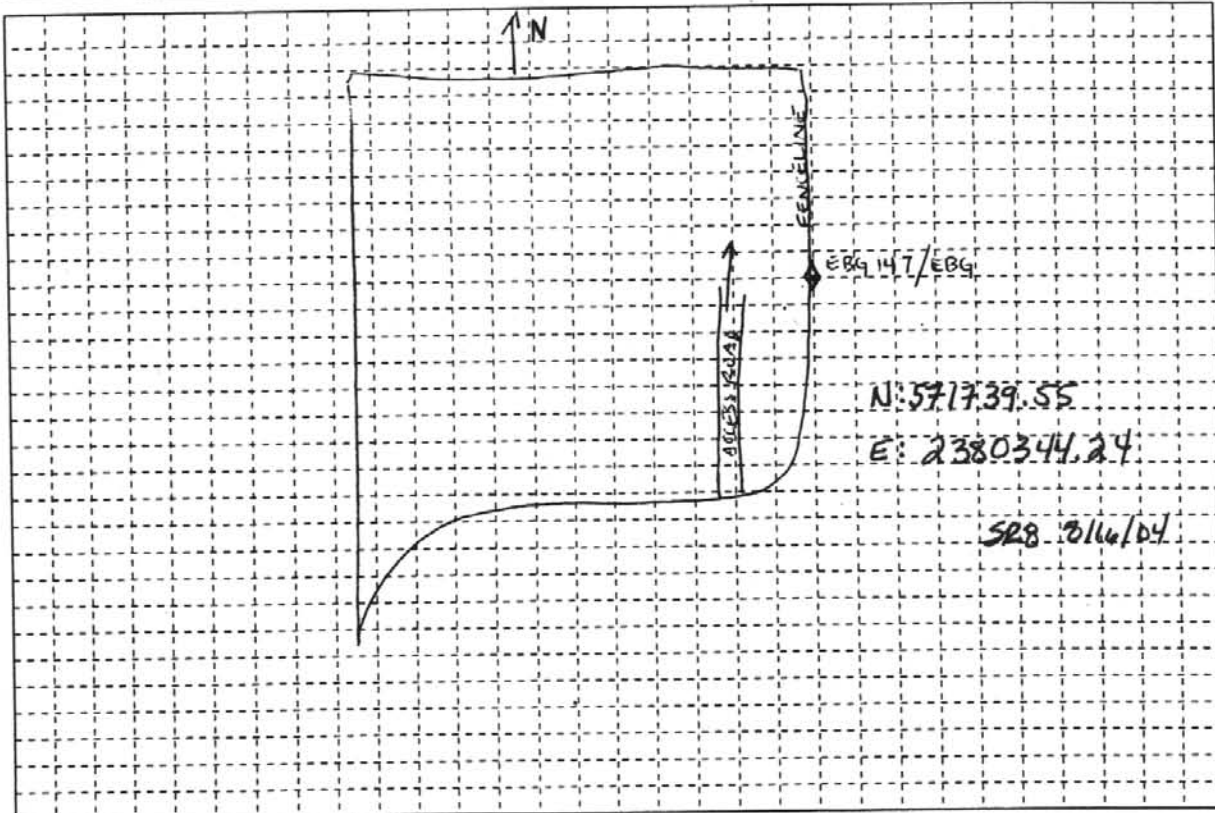


76

**LOCATION SKETCH**

PROJECT NO: Erie Burning Grounds Phase II      DELIVERY ORDER NO: GY10

STATION ID NUMBER: EBG147 & EBG155	STATION DESCRIPTOR: EBG
SEDIMENT ID NUMBER: EBG347 EBG332(DUP) EBG333 (WAsplit)	SEDIMENT DATE & TIME: 1/29/03 1122
SURFACE WATER ID NUMBER: EBG319 EBG328(DUP) EBG329 (WAsplit)	SURFACE WATER DATE & TIME: 1/29/03 0958



SW Quality Field Parameters:		NORTHING:
pH <u>5.86</u>	D.O. <u>0.14 mg/L</u>	
Conductivity <u>214 μS/cm</u>	Temperature <u>8.1 °C</u>	

COMMENTS: TD 0.5'

RECORDED BY: <u>Kelly B</u>	DATE: <u>1/29/03</u>	QA CHECK BY: <u>T. Brown</u>	DATE: <u>1/25/03</u>
-----------------------------	----------------------	------------------------------	----------------------

# SEDIMENT LOG

STATION NUMBER **EBG 147 79**  
 SHEET 1 OF 1 **EBG 155150**

PROJECT: Erie Burning Grounds Phase II

INSPECTOR *[Signature]*

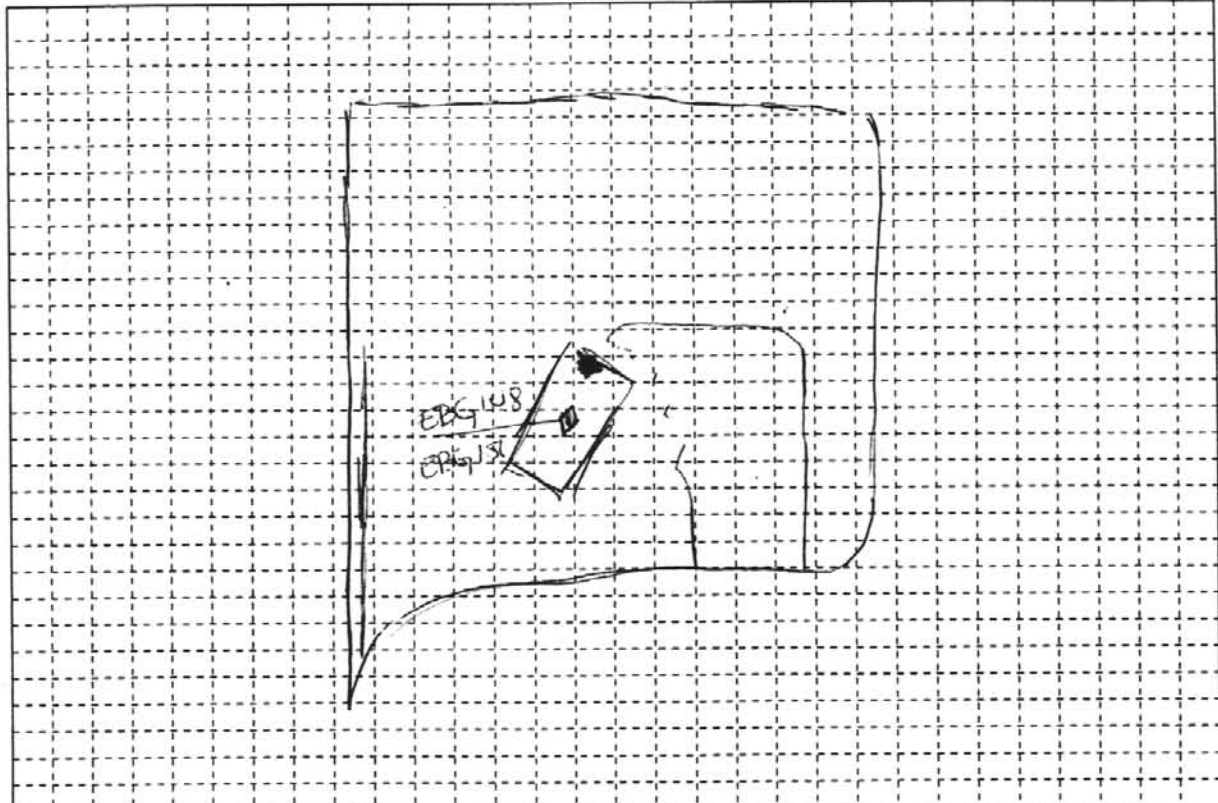
ELEV. (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">φ.25'</div> </div>	Saturated, soft, medium plastic 1φYR 4/1 dark gray SILT with some sand, little clay, little coarse gravel to 5φmm, leaves	<del>φ.φ'</del> SRA 6/27/05	NA	EBG 3φ7 @ 1122 (ALSO EBG-332 EBG-333)	PID = 0.0 ppm SRA 6/27/05
	<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">φ.5φ'</div> </div>	Total depth @ φ.5'				

116

**LOCATION SKETCH**

**PROJECT NO:** Erie Burning Grounds Phase II      **DELIVERY ORDER NO:** CY10

STATION ID NUMBER: <u>EBG 148 / EBG 156</u>	STATION DESCRIPTOR: <u>ERG</u>
SEDIMENT ID NUMBER: <u>EBG 348</u>	SEDIMENT DATE & TIME: <u>10/31/03</u> <u>0840</u>
SURFACE WATER ID NUMBER: <u>EBG 320</u>	SURFACE WATER DATE & TIME: <u>10/31/03</u> <u>0830</u>



SW Quality Field Parameters:		
pH <u>10.55</u>	D.O. <u>3.96</u>	NORTHING:
Conductivity <u>0.196</u>	Temperature <u>9.8°</u>	

COMMENTS: Coordinates N/A

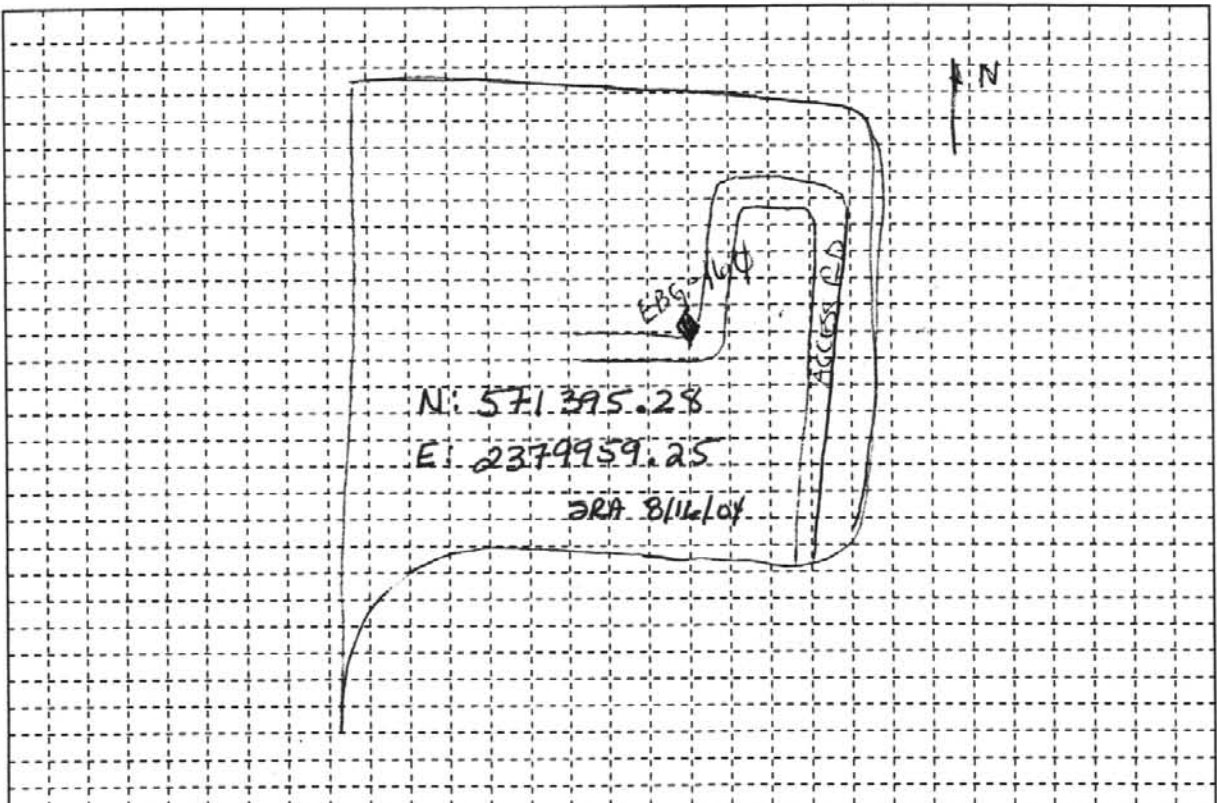
RECORDED BY: <u>[Signature]</u>	DATE: <u>10/31/03</u>	QA CHECK BY: <u>[Signature]</u>	DATE: <u>21 JAN 04</u>
---------------------------------	-----------------------	---------------------------------	------------------------

110

**LOCATION SKETCH**

PROJECT NO: Erie Burning Grounds Phase II      DELIVERY ORDER NO: 0710

STATION ID NUMBER: EBG-110φ	STATION DESCRIPTOR: EBG
SEDIMENT ID NUMBER: NA	SEDIMENT DATE & TIME: NA
SURFACE WATER ID NUMBER: EBG 324	SURFACE WATER DATE & TIME: 10/31/03 0855



SW Quality Field Parameters:		
pH <u>10.0</u>	D.O. <u>1.54</u>	NORTHING:
Conductivity <u>0.130</u>	Temperature <u>6.7°</u>	

COMMENTS:

---



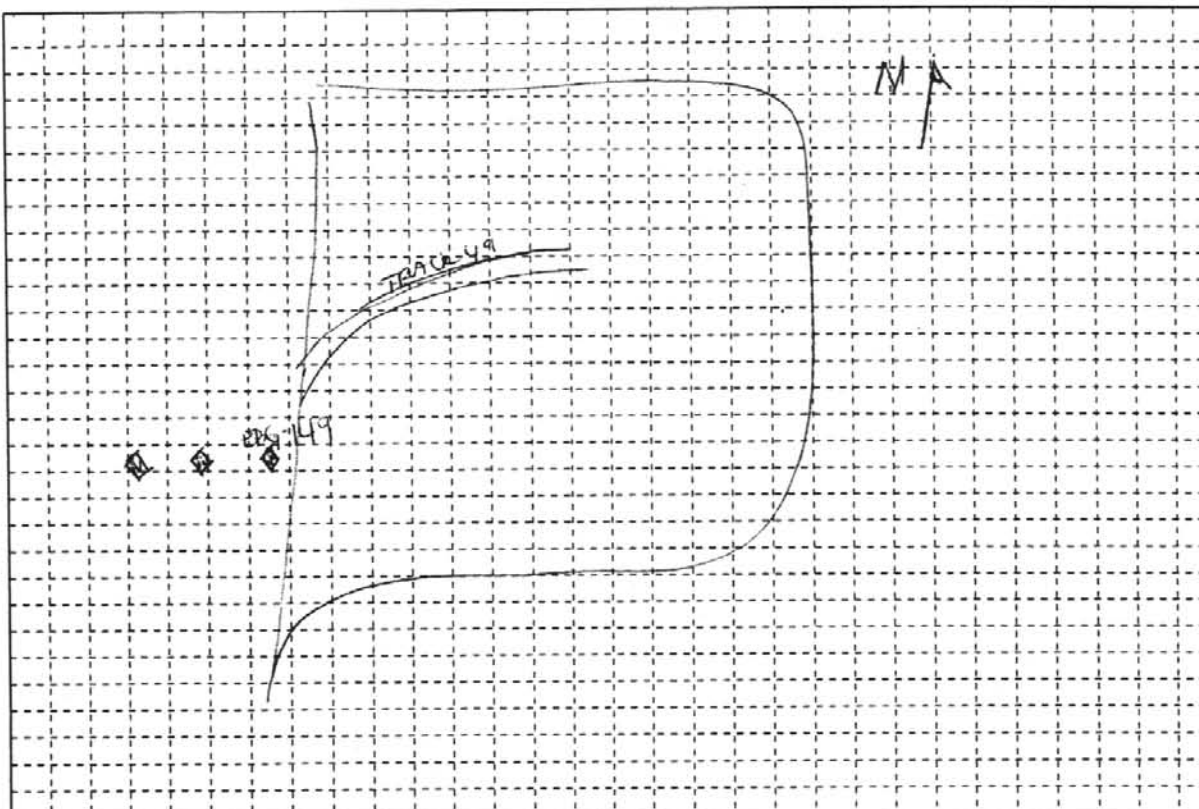
---

RECORDED BY: <u>Kelly AS</u>	DATE: <u>11/30/03</u>	QA CHECK BY: <u>T. Pott</u>	DATE: <u>21 JAN 04</u>
------------------------------	-----------------------	-----------------------------	------------------------

**LOCATION SKETCH**

**PROJECT NO: Erie Burning Grounds Phase II      DELIVERY ORDER NO: CY10**

STATION ID NUMBER: EBG149 (SED) EBG157 (SW)	STATION DESCRIPTOR: EBG
SEDIMENT ID NUMBER: <del>EBG149</del> EBG309	SEDIMENT DATE & TIME: 1/31/03      1/20
SURFACE WATER ID NUMBER: EBG321	SURFACE WATER DATE & TIME: 1/31/03      1/15



SW Quality Field Parameters:		
pH <u>6.34</u>	D.O. <u>6.01</u>	NORTHING:
Conductivity <u>0.158</u>	Temperature <u>7.4°</u>	

COMMENTS: coordinates NA  
TD 0.5'

RECORDED BY: <u>[Signature]</u>	DATE: <u>1/31/03</u>	QA CHECK BY: <u>[Signature]</u>	DATE: <u>21 JAN 04</u>
---------------------------------	----------------------	---------------------------------	------------------------

SEDIMENT LOG

STATION NUMBER *EBG 14991*

PROJECT: Erie Burning Grounds Phase II      INSPECTOR *[Signature]*      SHEET *1* OF *1*

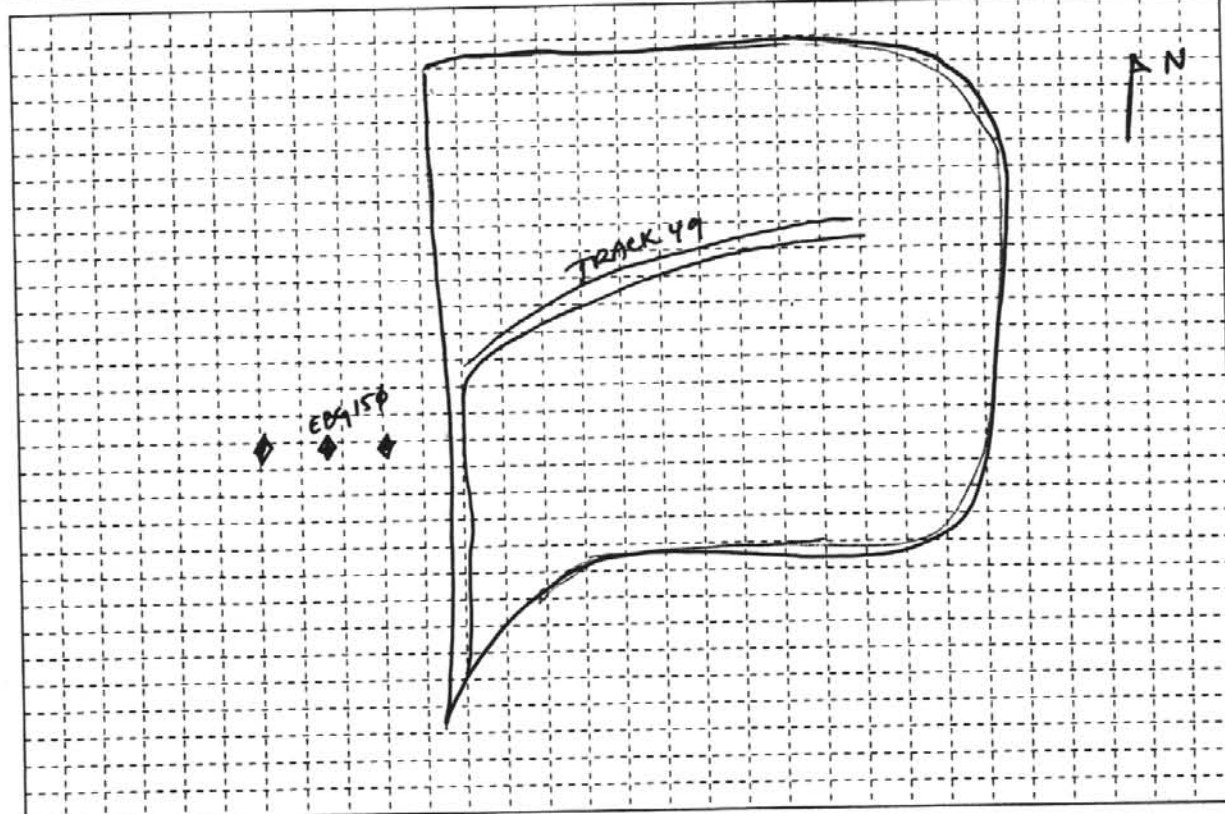
ELEV. (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	<i>φ25'</i>	<i>Saturated, soft to very soft, non-plastic, 1φYR 2/1 black SILT with some fine sand, leaves.</i>	<i>NA</i>	<i>NA</i>	<i>EBG 3φ9 @ 1φ2φ</i>	
	<i>φ5'</i>	<i>Total Depth @ φ.5'</i>				

94

**LOCATION SKETCH**

**PROJECT NO: Erie Burning Grounds Phase II**      **DELIVERY ORDER NO: CY10**

STATION ID NUMBER: <u>EBG 158/EBG 157</u>	STATION DESCRIPTOR: <u>EBG</u>
SEDIMENT ID NUMBER: <u>EBG-310</u>	SEDIMENT DATE & TIME: <u>11/30/03 1035</u>
SURFACE WATER ID NUMBER: <u>EBG-322</u>	SURFACE WATER DATE & TIME: <u>11/30/03 1030</u>



SW Quality Field Parameters:	D.O. <u>6.02</u>	NORTHING:
pH <u>6.51</u>	Temperature <u>7.6°</u>	
Conductivity <u>0.158</u>		

COMMENTS: coordinates NA

TD 0.5'

RECORDED BY: <u>Kelly [Signature]</u>	DATE: <u>11/30/03</u>	QA CHECK BY: <u>T. Brown</u>	DATE: <u>21 JAN 04</u>
---------------------------------------	-----------------------	------------------------------	------------------------

SEDIMENT LOG

STATION NUMBER EB9 150 95

PROJECT: Erie Burning Grounds Phase II INSPECTOR T. Burt SHEET 1 OF 1

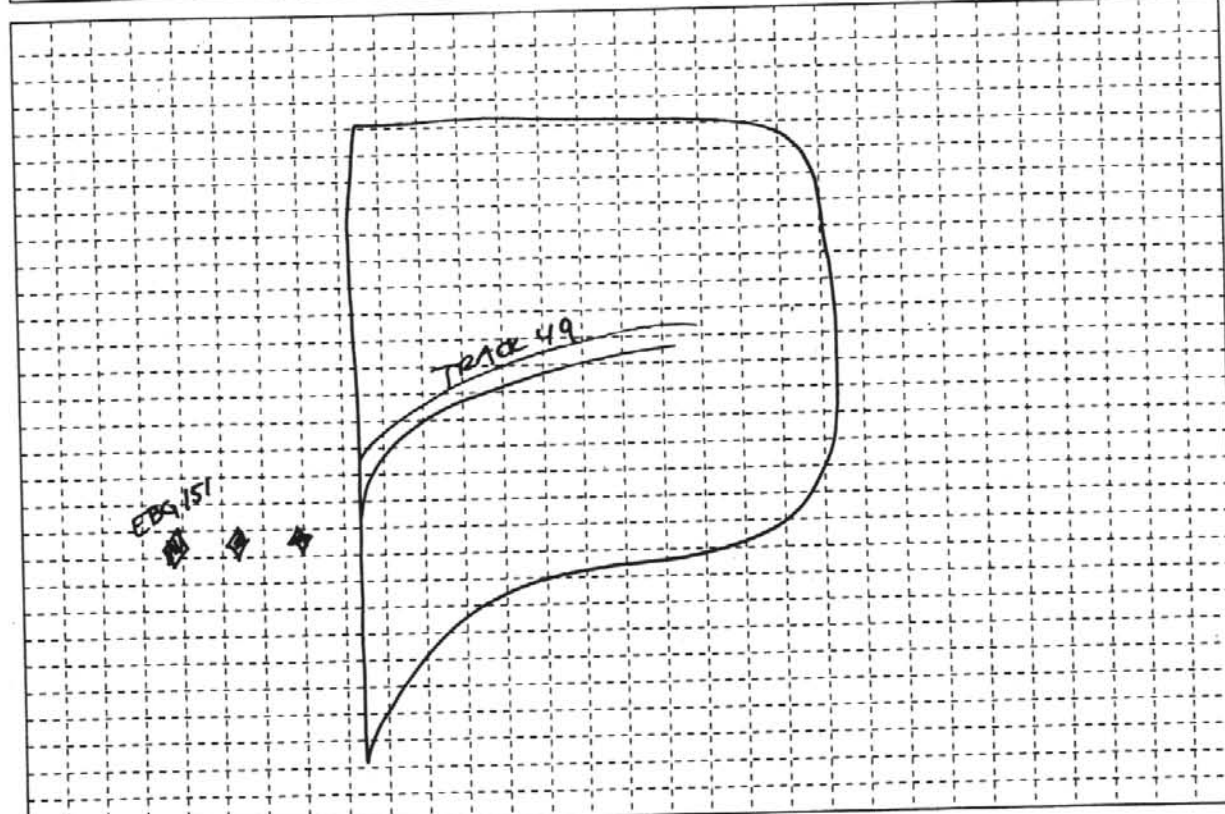
ELEV. (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	0.25'	Saturated, very soft, non-plastic, 1/4 R 2/1 black, SILT with some fine sand	NA	NA	EB9 316 @ 1635	
	0.5'	Total Depth @ 0.5'				



**LOCATION SKETCH**

**PROJECT NO: Erie Burning Grounds Phase II**      **DELIVERY ORDER NO: GY10**

STATION ID NUMBER: <b>EBG 151 (SED) EBG 159 (W)</b>	STATION DESCRIPTOR: <b>EBG</b>
SEDIMENT ID NUMBER: <b>EBG 311</b>	SEDIMENT DATE & TIME: <b>10/30/03 1209</b>
SURFACE WATER ID NUMBER: <b>EBG 323</b>	SURFACE WATER DATE & TIME: <b>10/30/03 1200</b>



SW Quality Field Parameters:		NORTHING:
pH <u>6.44</u>	D.O. <u>6.10</u>	
Conductivity <u>0.157</u>	Temperature <u>8.8°</u>	

COMMENTS: **T.D.S**  
**coordinates NA**

RECORDED BY: <i>[Signature]</i>	DATE: <b>10/30/03</b>	QA CHECK BY: <i>[Signature]</i>	DATE: <b>21 JAN 04</b>
---------------------------------	-----------------------	---------------------------------	------------------------

SEDIMENT LOG

STATION NUMBER EBS 151 99

PROJECT: Erie Burning Grounds Phase II

INSPECTOR: *T. B...*

SHEET 1 OF 1

ELEV. (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	<p>φ.25'</p> <p>φ.5'</p>	<p>Saturated, very soft to medium stiff, high plasticity, 1φ4R 5/1 gray &amp; 1φ4R 2/1 black CLAY with some fine to med. sand, leaves</p>	NA	NA	<p>EBG311</p> <p>① 12φ9</p>	
		<p>Total Depth @ φ.5'</p>				

**MULTI-INCREMENT SEDIMENT SAMPLES**

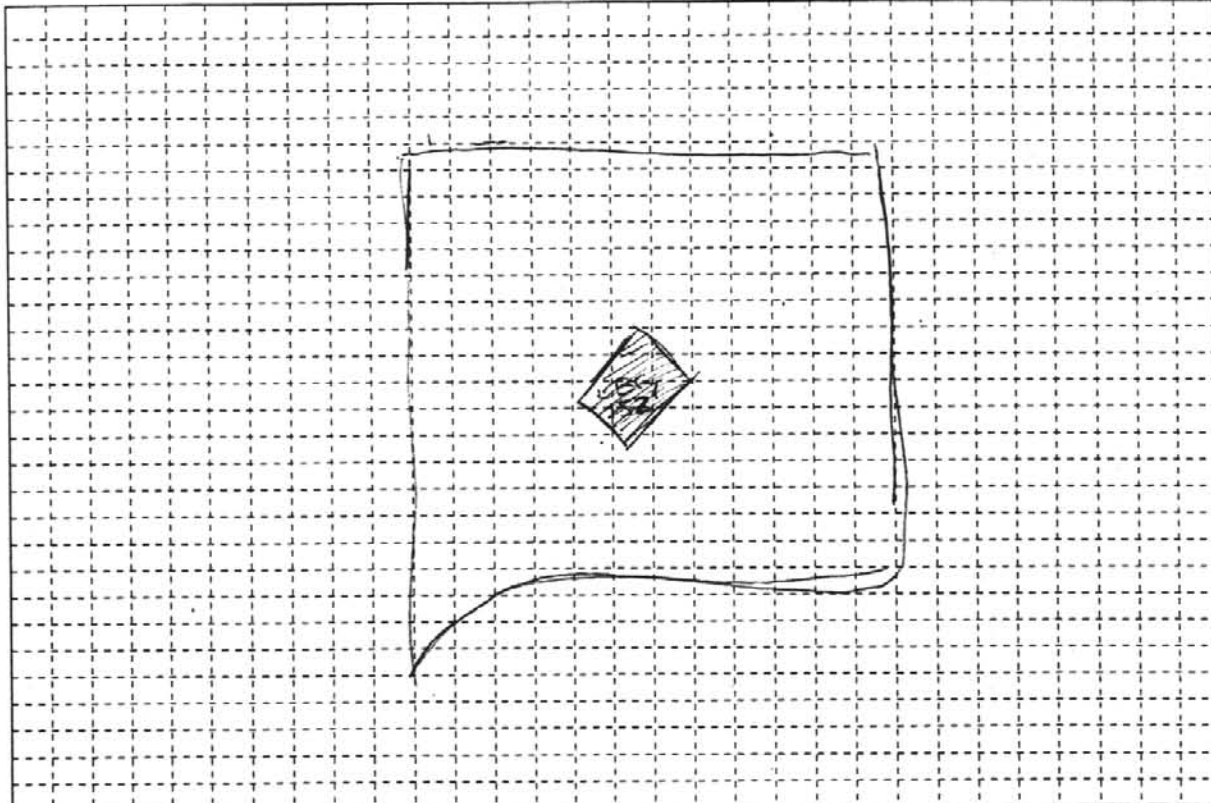
**THIS PAGE INTENTIONALLY LEFT BLANK.**

102

**LOCATION SKETCH**

**PROJECT NO: Erie Burning Grounds Phase II      DELIVERY ORDER NO: CY10**

STATION ID NUMBER: <u>FBG-157</u>	STATION DESCRIPTOR: <u>FBG</u>
SEDIMENT ID NUMBER: <u>FBG314, FBG313, FBG312</u>	SEDIMENT DATE & TIME: <u>1/21/03 1120, 1125, 1130</u>
SURFACE WATER ID NUMBER: <u>NA</u>	SURFACE WATER DATE & TIME: <u>NA</u>



SW Quality Field Parameters:		NORTHING:
pH <u>6.55</u>	D.O. <u>3.96</u>	
Conductivity <u>0.196</u>	Temperature <u>9.8°</u>	

COMMENTS: TD 0.5'  
coordinates na

RECORDED BY: <u>K. LOWE</u>	DATE: <u>1/31/03</u>	QA CHECK BY: <u>T. Br...</u>	DATE: <u>21 Jan 04</u>
-----------------------------	----------------------	------------------------------	------------------------

SEDIMENT LOG

STATION NUMBER

103

PROJECT: Erie Burning Grounds Phase II

INSPECTOR

*T. Brown*

SHEET

OF

1

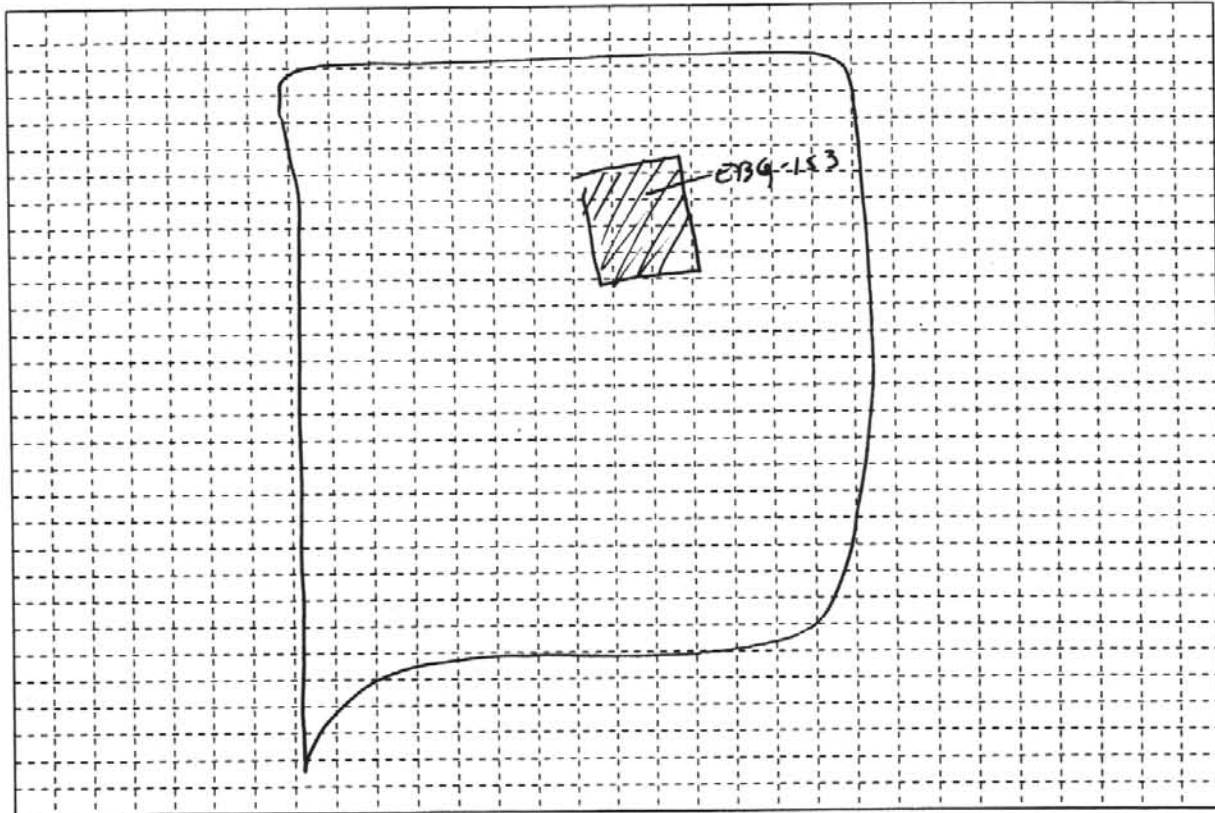
ELEV. (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	4.25'	Substrated, soft to med-stiff, black, CLAY with little silt, brown organic debris	NA	NA	EBG 3140 1124 EBG 3130 1125 EBG 3120 1127	
	4.5'	Total Depth @ 4.5'				

104

**LOCATION SKETCH**

**PROJECT NO: Erie Burning Grounds Phase II      DELIVERY ORDER NO: CY10**

STATION ID NUMBER: <b>EBG-153</b>	STATION DESCRIPTOR: <b>EBG</b>
SEDIMENT ID NUMBER: <b>EBG 317, EBG 316, EBG 315</b>	SEDIMENT DATE & TIME: <b>10/31/03 1340, 1345, 1350</b>
SURFACE WATER ID NUMBER: <b>NA</b>	SURFACE WATER DATE & TIME: <b>NA</b>



<b>SW Quality Field Parameters:</b>		
pH <u>NA</u>	D.O. <u>NA</u>	NORTHING:
Conductivity <u>NA</u>	Temperature <u>NA</u>	

COMMENTS: **ID 0.5'**  
**Coordinates NA**

RECORDED BY: <i>Kelly [Signature]</i>	DATE: <b>10/31/03</b>	QA CHECK BY: <i>T. Brun</i>	DATE: <b>21 JAN 04</b>
---------------------------------------	-----------------------	-----------------------------	------------------------

SEDIMENT LOG

STATION NUMBER

PROJECT: Erie Burning Grounds Phase II

INSPECTOR *T. B...*

SHEET 1 OF 1

107

ELEV. (A)	DEPTH (B)	DESCRIPTION OF MATERIALS (C)	HEADSPACE SCREENING RESULTS	GEOTECH SAMPLE	ANALYTICAL SAMPLE NO. (F)	REMARKS (G)
	<p>φ.25</p> <p>φ.5</p>	<p>Saturated, soft to stiff, highly plastic 10/12 2/1 black CLAY with some silt, trace gravel high amt. of organic debris</p> <p>Total Depth @ φ.5'</p>	<p>NA</p>	<p>NA</p>	<p>EBG317 @ 134φ</p> <p>EBG316 @ 1345</p> <p>EBG315 @ 135φ</p>	



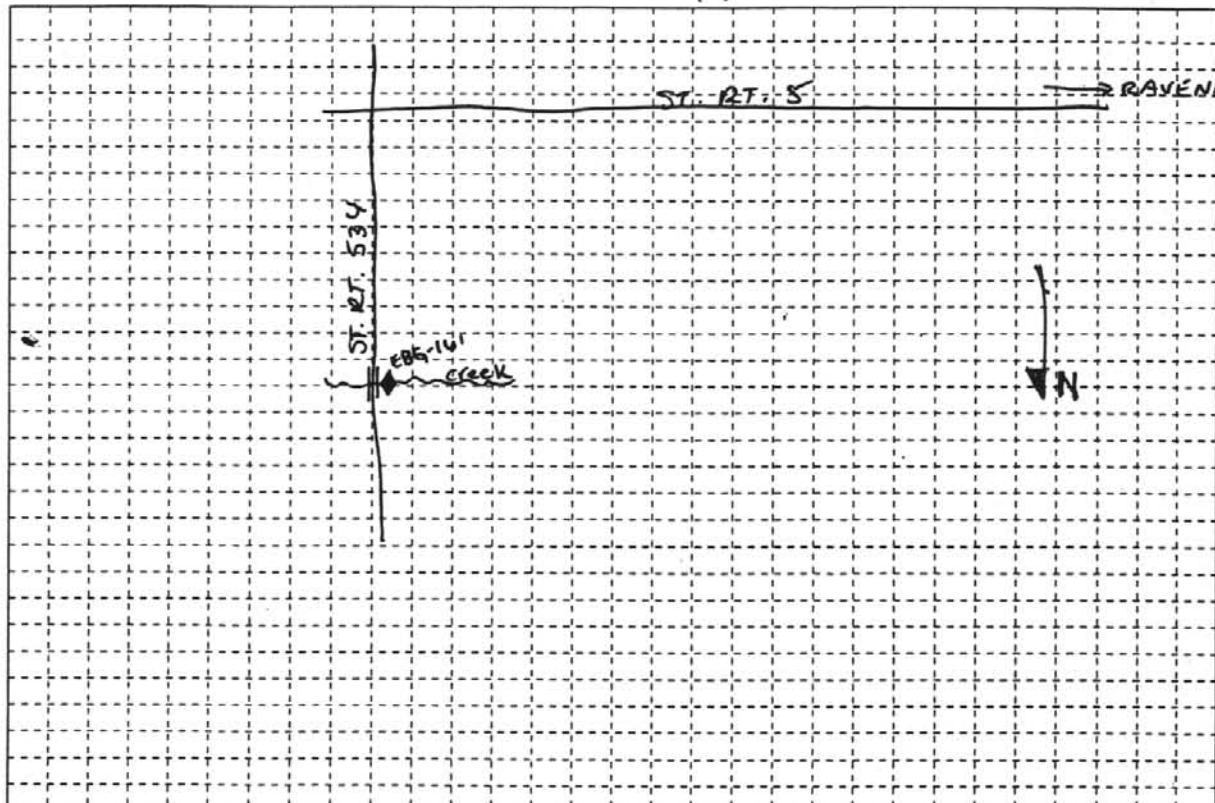
**SURFACE WATER SAMPLES**

**THIS PAGE INTENTIONALLY LEFT BLANK.**

**LOCATION SKETCH**

PROJECT NO: Erie Burning Grounds Phase II      DELIVERY ORDER NO: CY10

STATION ID NUMBER: <b>EBG-161</b>	STATION DESCRIPTOR: <b>OFF SITE ON ST. RT. 534</b>
SEDIMENT ID NUMBER: <b>NA</b>	SEDIMENT DATE & TIME: <b>NA</b>
SURFACE WATER ID NUMBER: <b>EBG 325</b>	SURFACE WATER DATE & TIME: <b>10/30/03 1410</b>



SW Quality Field Parameters:		
pH <u>6.75</u>	D.O. <u>9.55</u>	NORTHING:
Conductivity <u>0.236</u>	Temperature <u>9.5°</u>	

COMMENTS: coordinates NA

RECORDED BY: <u>[Signature]</u>	DATE: <u>10/30/03</u>	QA CHECK BY: <u>[Signature]</u>	DATE: <u>21 JAN 04</u>
---------------------------------	-----------------------	---------------------------------	------------------------

**THIS PAGE INTENTIONALLY LEFT BLANK.**