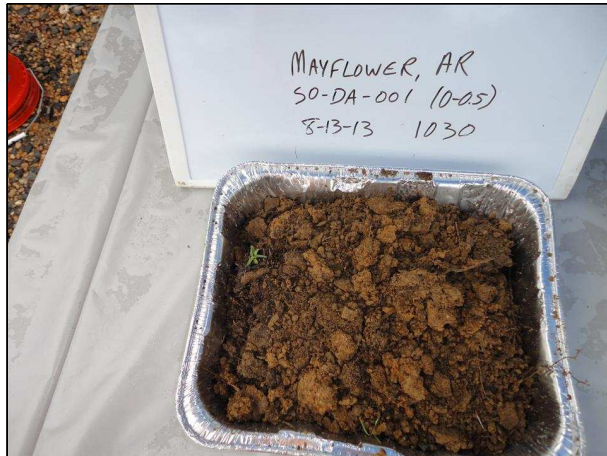




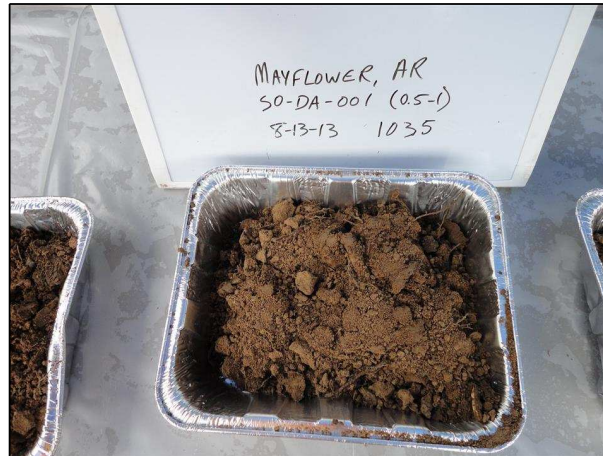
## **Appendix B**

Sediment and Soil Photo Logs



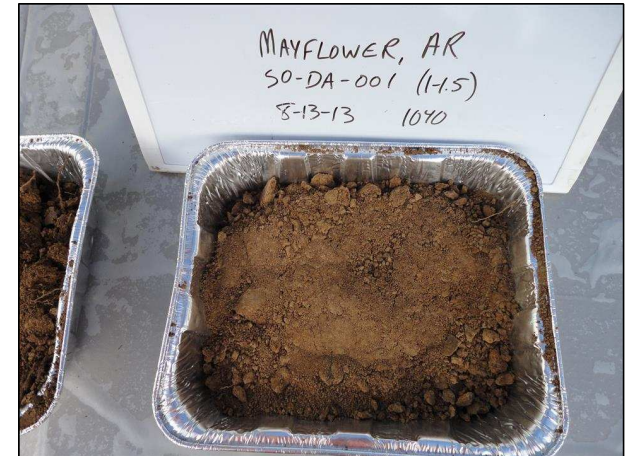
**0 – 0.5 ft**

CLAYEY SILT (ML), some clay, no plasticity, soft, dry, red, no odor



**0.5 – 1.0 ft**

CLAYEY SILT (ML), some clay, no plasticity, soft, dry, red, no odor



**1.0 – 1.5 ft**

CLAYEY SILT (ML), some clay, no plasticity, soft, dry, red, no odor

**SOIL LOCATION PHOTO**



**NOTE:**

1. ft = feet
2. Location photo was collected after sampling was completed.

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**SOIL SAMPLE FIELD PHOTOS:  
 SO-DA-001**



**FIGURE  
 B-1**





**0 – 0.5 ft**

CLAY (CL), some silt, soft, medium plasticity, moist, trace organics, no odor



**0.5 – 1.0 ft**

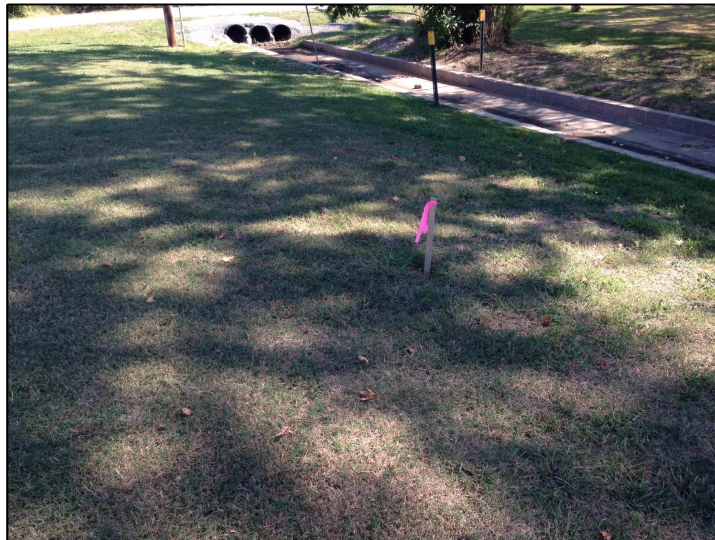
CLAY (CL), some silt, soft, medium plasticity, moist, trace organics, no odor



**1.0 – 1.5 ft**

CLAY (CL), soft, medium plasticity, wet, brown, no odor

**SOIL LOCATION PHOTO**



**NOTE:**

1. ft = feet
2. Location photo was collected after sampling was completed.

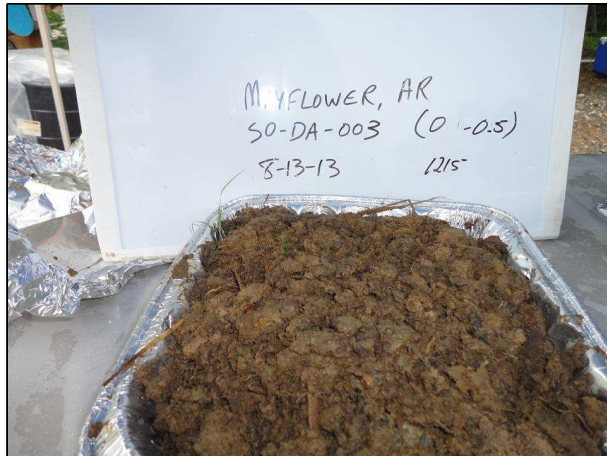
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**SOIL SAMPLE FIELD PHOTOS:  
 SO-DA-002**



**FIGURE  
 B-2**





**0 – 0.5 ft**

CLAY (CL), trace silt, soft, trace gravel, medium to high plasticity, moist, trace organics, no odor, brown



**0.5 – 1.0 ft**

CLAY (CL), trace silt, soft, trace gravel, medium to high plasticity, moist, trace organics, no odor, brown



**1.0 – 1.5 ft**

CLAY (CL), stiff, low plasticity, dry-moist, no odor, red

**SOIL LOCATION PHOTO**



**NOTE:**

1. ft = feet
2. Location photo was collected after sampling was completed.

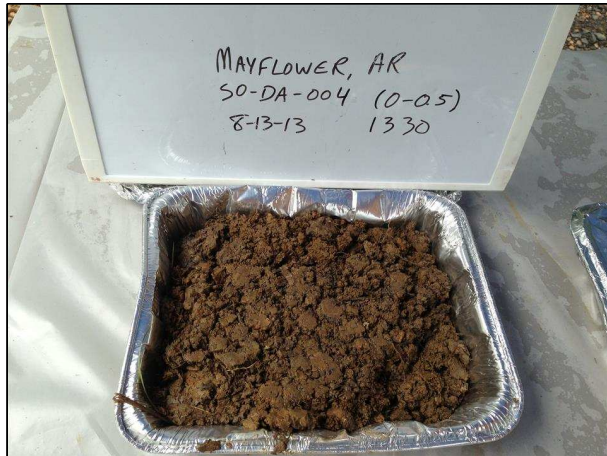
MAYFLOWER PIPELINE INCIDENT RESPONSE  
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**SOIL SAMPLE FIELD PHOTOS:  
 SO-DA-003**



**FIGURE  
 B-3**





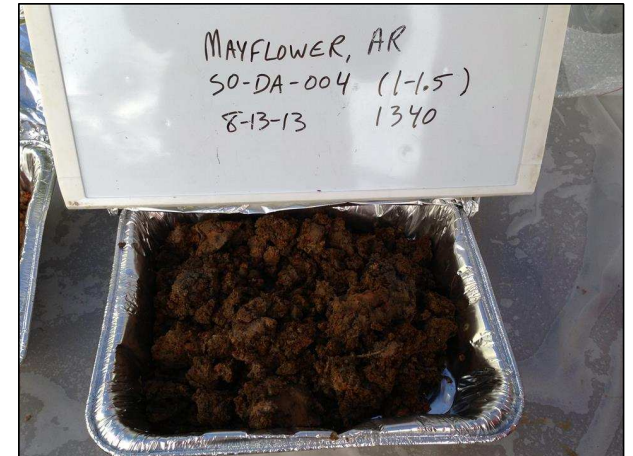
**0 – 0.5 ft**

CLAY (CL), trace silt, trace gravel, soft, high plasticity, moist, reddish/brown, no odor, some organics



**0.5 – 1.0 ft**

CLAY (CL), stiff, low plasticity, red, no odor



**1.0 – 1.5 ft**

CLAY (CL), soft, high plasticity, no odor, brown

**SOIL LOCATION PHOTO**



**NOTE:**

1. ft = feet
2. Location photo was collected after sampling was completed.

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**SOIL SAMPLE FIELD PHOTOS:  
 SO-DA-004**



**FIGURE  
 B-4**





**0 – 0.5 ft**

CLAY (CL), stiff, low to medium plasticity, moist, red, no odor



**0.5 – 1.0 ft**

CLAY (CL), stiff, low to medium plasticity, moist, red, no odor



**1.0 – 1.5 ft**

CLAY (CL), stiff, low to medium plasticity, moist, red, no odor

**SOIL LOCATION PHOTO**



**NOTE:**

- 1. ft = feet
- 2. Location photo was collected after sampling was completed.

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**SOIL SAMPLE FIELD PHOTOS:  
 SO-DA-005**



**FIGURE  
 B-5**





**0 – 0.5 ft**

CLAY (CL), stiff, low plasticity, dry, red, no odor



**0.5 – 1.0 ft**

CLAY (CL), stiff, low plasticity, dry, red, no odor



**1.0 – 1.5 ft**

CLAY (CL), stiff, low plasticity, dry, red, no odor

**SOIL LOCATION PHOTO**



**NOTE:**

- 1. ft = feet
- 2. Location photo was collected after sampling was completed.

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**SOIL SAMPLE FIELD PHOTOS:  
 SO-DA-006**



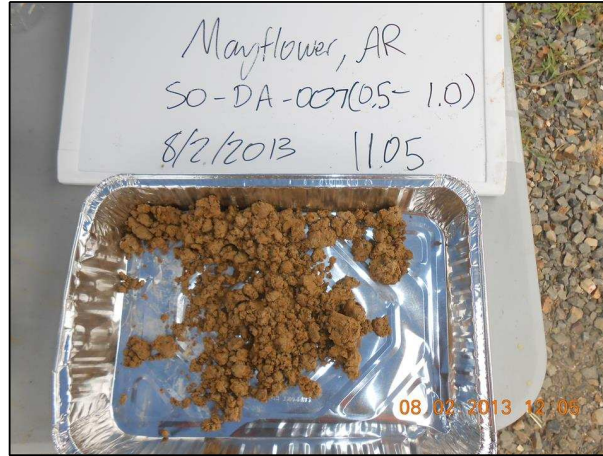
**FIGURE  
 B-6**





**0 – 0.5 ft**

CLAY (CL), some silt, medium plasticity, dry, very soft, gray/light brown, no odor



**0.5 – 1.0 ft**

CLAY (CL), some silt, medium plasticity, dry, very soft, gray/light brown, no odor



**1.0 – 1.5 ft**

CLAY (CL), some silt, medium plasticity, dry, very soft, gray/light brown/reddish, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

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SOIL SAMPLE FIELD PHOTOS:  
SO-DA-007



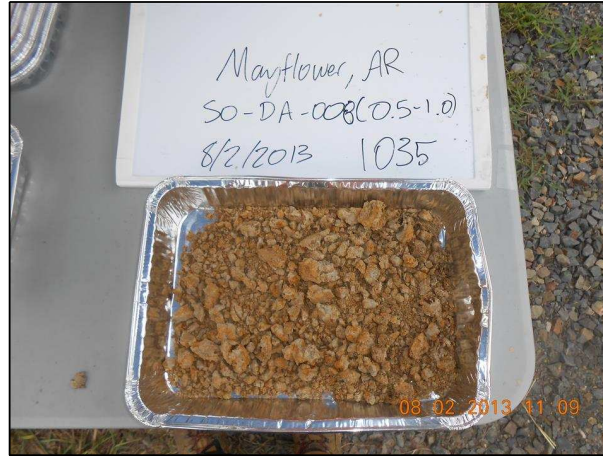
FIGURE  
**B-7**





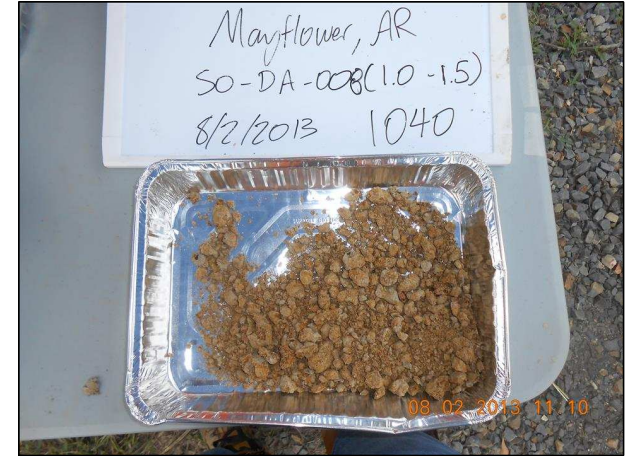
**0 – 0.5 ft**

SILT (ML), some clay, low plasticity when wet, dry, beige, no odor, trace organics



**0.5 – 1.0 ft**

CLAY (CL), some silt, low to medium plasticity, dry, gray/brownish, no odor



**1.0 – 1.5 ft**

CLAY (CL), some silt, low to medium plasticity, dry, gray/brownish, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

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SOIL SAMPLE FIELD PHOTOS:  
SO-DA-008

	<p>FIGURE <b>B-8</b></p>
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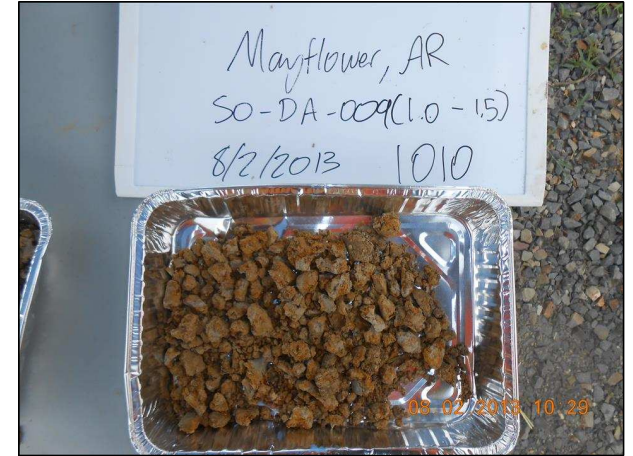
**0 – 0.5 ft**

CLAY (CL), some silt, high plasticity, slightly damp, brown, no odor, some organics



**0.5 – 1.0 ft**

CLAY (CL), some silt, medium plasticity, dry, brown/reddish, no odor, trace organics



**1.0 – 1.5 ft**

CLAY (CL), some silt, medium plasticity, soft, gray/reddish brown, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

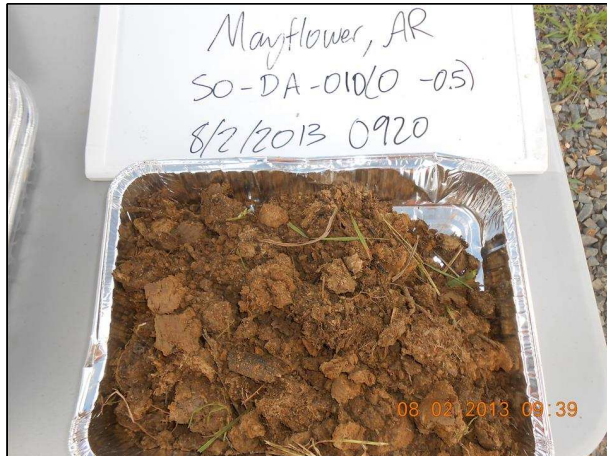
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DOWNSTREAM AREAS DATA ASSESSMENT REPORT

SOIL SAMPLE FIELD PHOTOS:  
SO-DA-009



FIGURE  
**B-9**





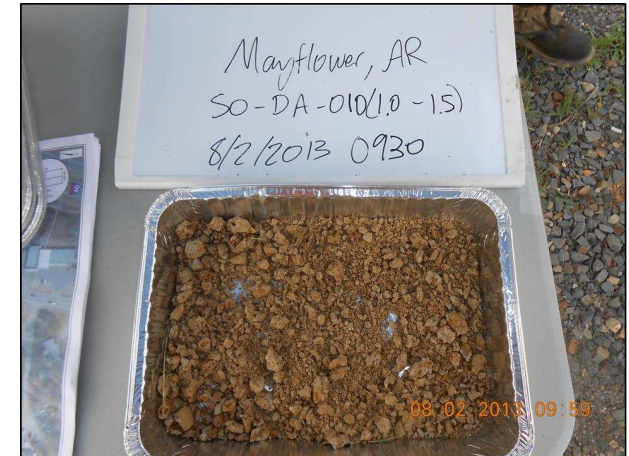
**0 – 0.5 ft**

CLAYEY SILT (ML), no plasticity, dry, soft, light-red brown, no odor, some organics



**0.5 – 1.0 ft**

SILT (ML), some clay, no plasticity, dry, light brown/beige, no odor, no organics



**1.0 – 1.5 ft**

SILT (ML), little clay, no plasticity, dry, soft, beige, no odor, no organics

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

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SOIL SAMPLE FIELD PHOTOS:  
SO-DA-010



FIGURE  
**B-10**





**0 – 0.5 ft**

SILTY CLAY (CL), 30–40% silt content, light brown, soft, low plasticity, dry, no odor, some organics

**0.5 – 1.0 ft**

CLAYEY SILT (ML), no plasticity, dry, soft, brown/reddish brown, no odor, trace organics

**1.0 – 1.5 ft**

SILTY CLAY/CLAYEY SILT (CL/ML), low plasticity, dry, soft, light brown, no odor, no organics

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

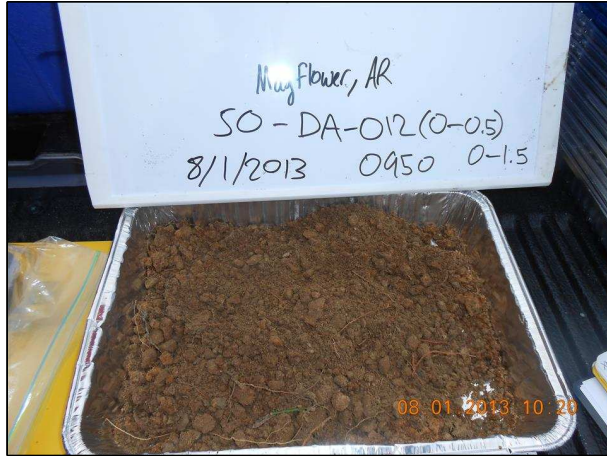
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SOIL SAMPLE FIELD PHOTOS:  
SO-DA-011



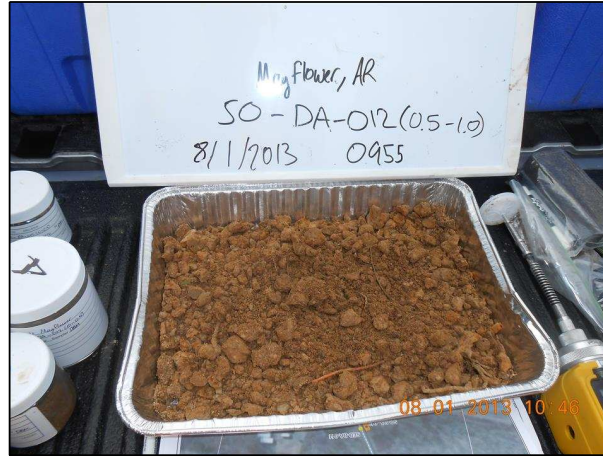
FIGURE  
**B-11**





**0 – 0.5 ft**

SANDY CLAY (CL), reddish brown, no odor, trace organics



**0.5 – 1.0 ft**

SANDY CLAY (CL), reddish brown, low plasticity, no odor, trace organics



**1.0 – 1.5 ft**

SANDY CLAY (CL), reddish brown, low plasticity, no odor. Bottom half: clay, gray, high plasticity, very soft, dry-slightly moist

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

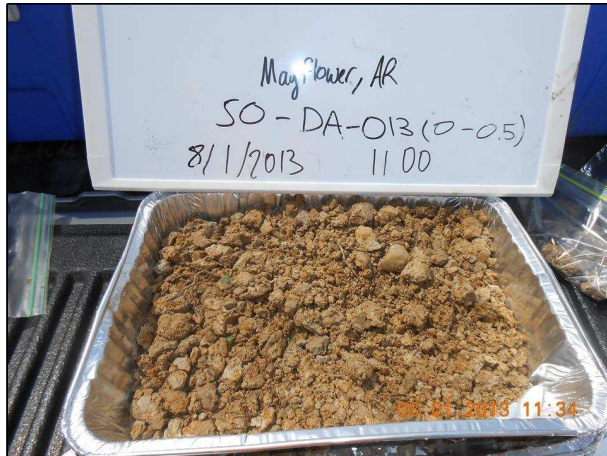
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SOIL SAMPLE FIELD PHOTOS:  
SO-DA-012

 **ARCADIS**

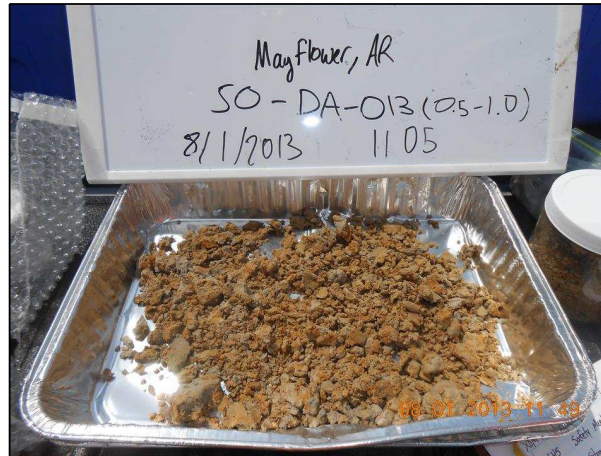
FIGURE  
**B-12**





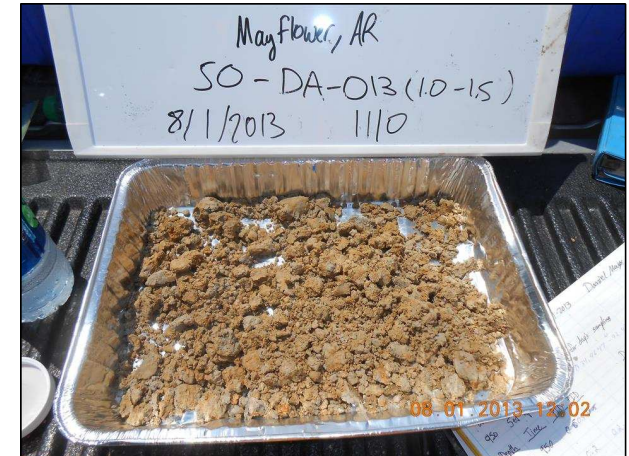
**0 – 0.5 ft**

SILTY CLAY (CL), trace fine grain sand, reddish brown, gray, no plasticity, no odor, no sheen, trace organics



**0.5 – 1.0 ft**

SILTY CLAY (CL), some sand, fine grain, reddish gray, low plasticity, soft, no sheen, no odor, organics



**1.0 – 1.5 ft**

SILTY CLAY (CL), trace fine sands, reddish gray, low to medium plasticity, soft, no odor, no sheen, trace organics

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

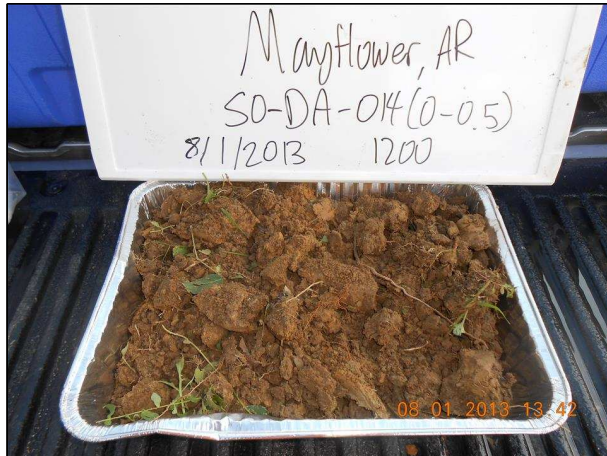
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DOWNSTREAM AREAS DATA ASSESSMENT REPORT

SOIL SAMPLE FIELD PHOTOS:  
SO-DA-013



FIGURE  
**B-13**





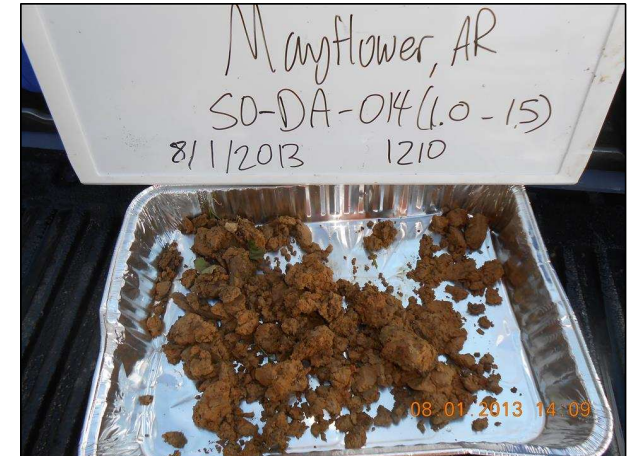
**0 – 0.5 ft**

SILTY CLAY (CL), light brown, medium plasticity, very soft, no odor, organics



**0.5 – 1.0 ft**

SILTY CLAY (CL), light brown, soft, medium to high plasticity, slightly moist, no odor



**1.0 – 1.5 ft**

SILTY CLAY (CL), trace sand, light reddish brown, soft, medium to high plasticity, slightly moist, no odor

**SOIL LOCATION PHOTO**



**NOTE:**

1. ft = feet
2. Location photo was collected after sampling was completed.

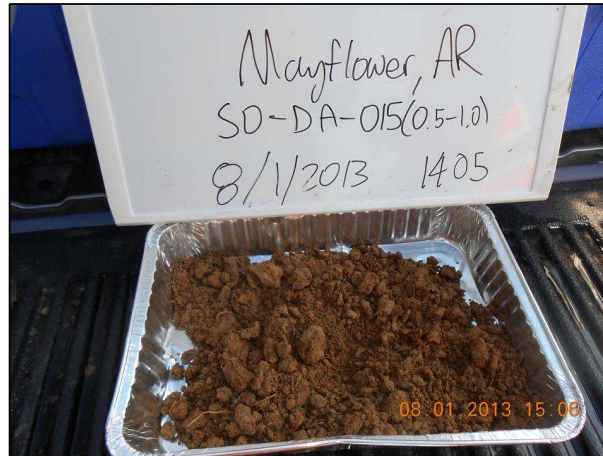
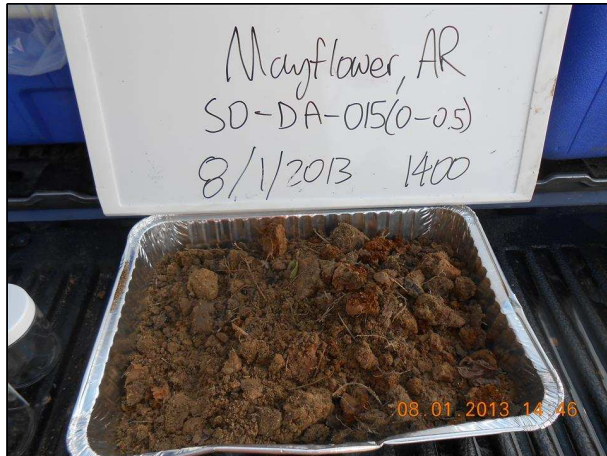
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**SOIL SAMPLE FIELD PHOTOS:  
 SO-DA-014**



**FIGURE  
 B-14**





**0 – 0.5 ft**

SILTY CLAY/CLAYEY SILT (CL/ML), light brown, soft, low plasticity, no odor, organics

**0.5 – 1.0 ft**

SILTY CLAY (CL), reddish brown, soft, dry, no odor

**1.0 – 1.5 ft**

SILTY CLAY/CLAYEY SILT (CL/ML), reddish brown, soft, slightly moist, no odor, low plasticity

**SOIL LOCATION PHOTO**



**NOTE:**

- 1. ft = feet
- 2. Location photo was collected after sampling was completed.

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**SOIL SAMPLE FIELD PHOTOS:  
 SO-DA-015**



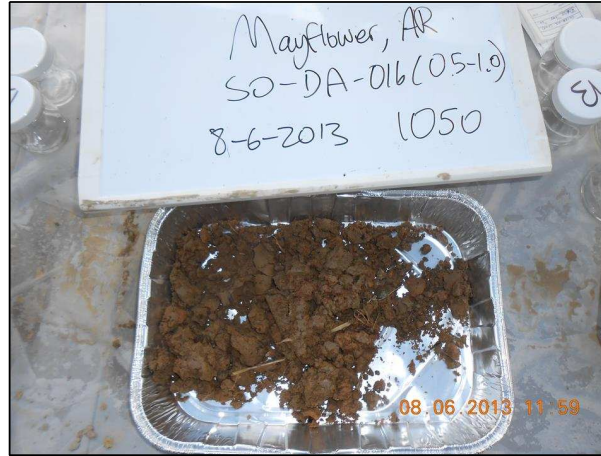
**FIGURE  
 B-15**





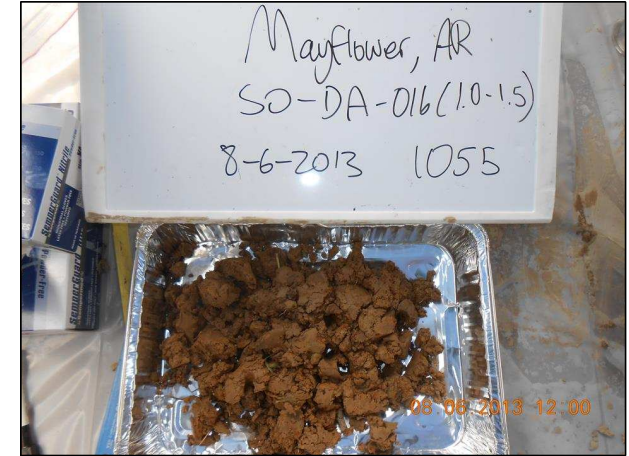
**0 – 0.5 ft**

SILTY CLAY (CL), moist, low plasticity, medium stiff, some organics, no odor, reddish brown



**0.5 – 1.0 ft**

SILTY CLAY (CL), moist, low plasticity, medium stiff, some organics, no odor, reddish brown



**1.0 – 1.5 ft**

CLAY (CL), soft, medium plasticity, trace organics, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

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SOIL SAMPLE FIELD PHOTOS:  
SO-DA-016



FIGURE  
**B-16**





**0 – 0.5 ft**

CLAY (CL), some silt, soft, no plasticity, some organics, dark brown, no odor, dry



**0.5 – 1.0 ft**

CLAY (CL), some silt, soft, no plasticity, some organics, dark brown, no odor, dry



**1.0 – 1.5 ft**

CLAY (CL), soft, medium plasticity, moist, light brown, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

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**SOIL SAMPLE FIELD PHOTOS:  
SO-DA-017**

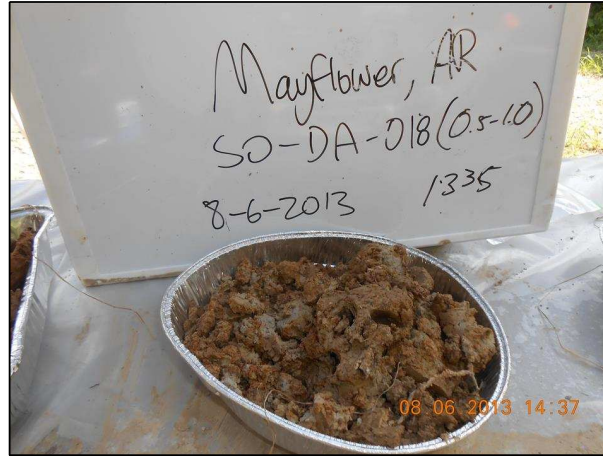
	<p><b>FIGURE B-17</b></p>
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**0 – 0.5 ft**

CLAY (CL), soft to medium stiff, medium to high plasticity, moist, red/brown, no odor



**0.5 – 1.0 ft**

CLAY (CL), some silt, soft, dry, low plasticity, brown/gray, no odor



**1.0 – 1.5 ft**

CLAY (CL), some silt, soft, dry, low plasticity, brown/gray, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

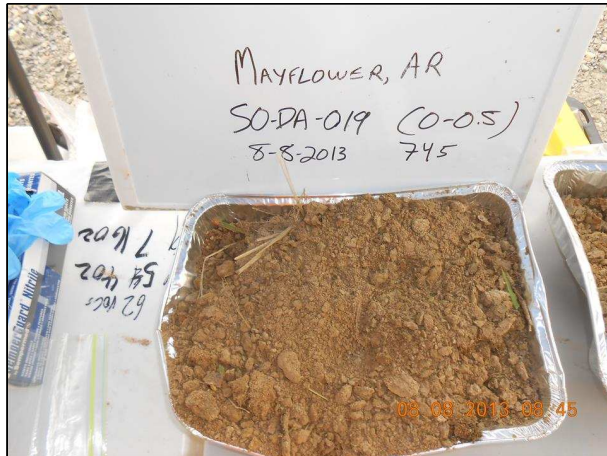
MAYFLOWER PIPELINE INCIDENT RESPONSE  
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**SOIL SAMPLE FIELD PHOTOS:  
SO-DA-018**



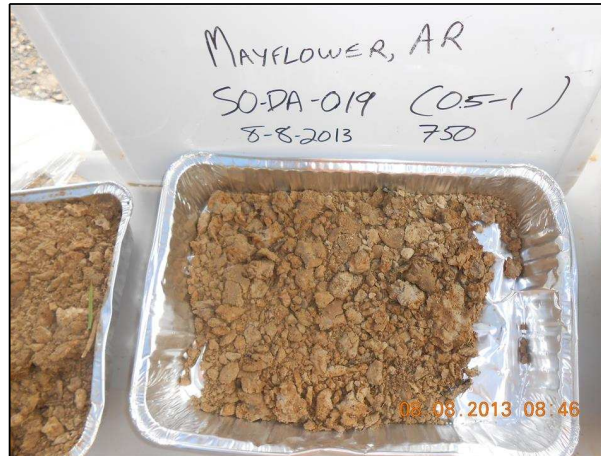
**FIGURE  
B-18**





**0 – 0.5 ft**

CLAY (CL), trace silt, stiff, no plasticity, dry, some organics, no odor



**0.5 – 1.0 ft**

CLAY (CL), trace silt, stiff, no plasticity, dry, some organics, no odor



**1.0 – 1.5 ft**

CLAY (CL), trace silt, stiff, no plasticity, dry, some organics, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

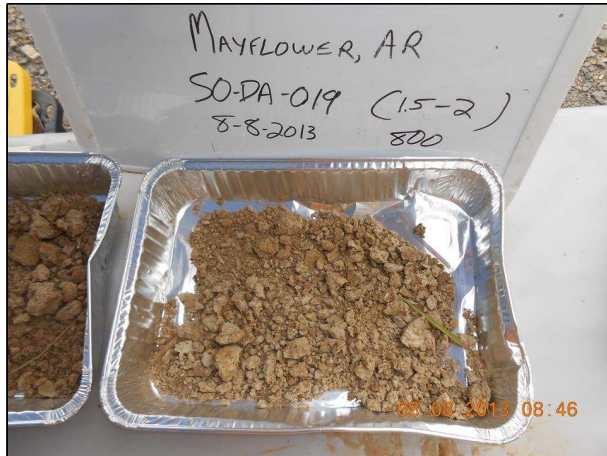
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SOIL SAMPLE FIELD PHOTOS:  
SO-DA-019



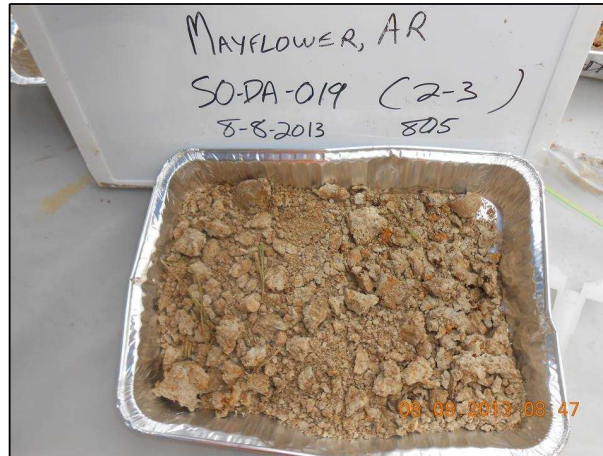
FIGURE  
**B-19**





**1.5 – 2.0 ft**

CLAY (CL), trace silt, stiff, no plasticity, dry, some organics, no odor



**2.0 – 3.0 ft**

CLAY (CL), trace silt, stiff, low plasticity, slightly moist, some organics, no odor



**3.0 – 4.0 ft**

CLAY (CL), trace silt, stiff, low plasticity, slightly moist, some organics, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

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SOIL SAMPLE FIELD PHOTOS:  
SO-DA-019 (Continued)

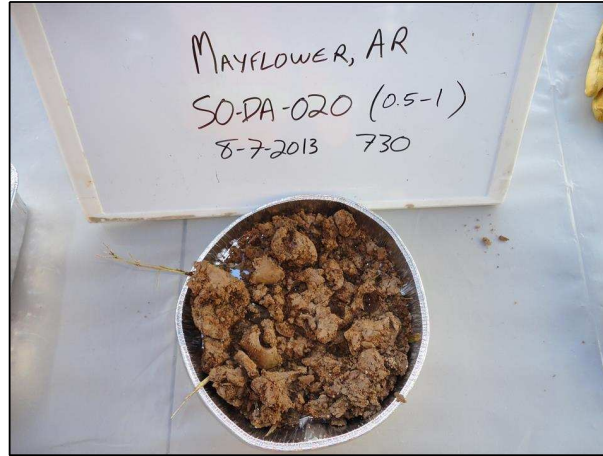
	<p>FIGURE <b>B-20</b></p>
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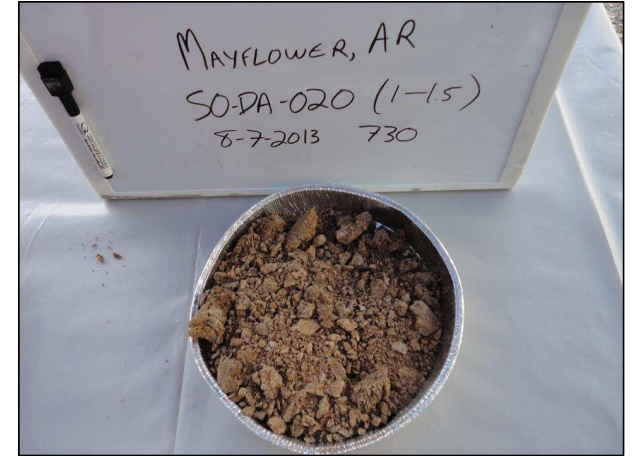
**0 – 0.5 ft**

CLAY (CL), trace silt, medium stiff, medium to high plasticity, slightly moist, organics, no odor, dark brown



**0.5 – 1.0 ft**

CLAY (CL), trace silt, soft, low plasticity, light brown/gray, dry, some organics, no odor



**1.0 – 1.5 ft**

CLAY (CL), trace silt, soft, low plasticity, light brown/gray, dry, some organics, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

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SOIL SAMPLE FIELD PHOTOS:  
SO-DA-020



FIGURE  
**B-21**





**0 – 0.5 ft**

CLAY (CL), some silt, stiff, light brown, no plasticity, dry, organics, no odor



**0.5 – 1.0 ft**

CLAY (CL), some silt, stiff, reddish brown, no plasticity, dry, organics, no odor



**1.0 – 1.5 ft**

CLAY (CL), some silt, stiff, reddish brown, no plasticity, dry, organics, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

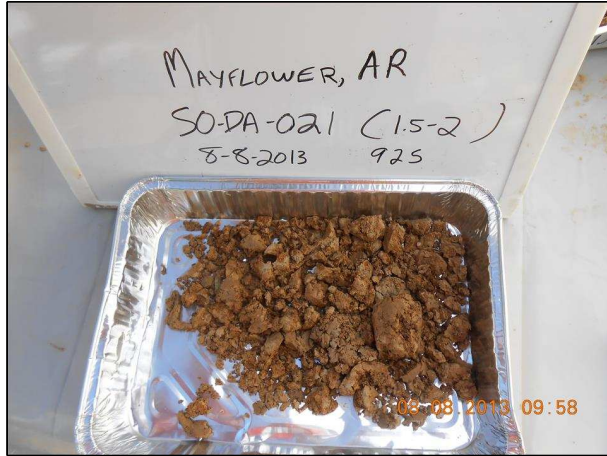
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DOWNSTREAM AREAS DATA ASSESSMENT REPORT

SOIL SAMPLE FIELD PHOTOS:  
SO-DA-021



FIGURE  
**B-22**





**1.5 – 2.0 ft**

CLAY (CL), some silt, stiff, reddish brown, no plasticity, dry, organics, no odor



**2.0 – 3.0 ft**

CLAY (CL), some silt, stiff, reddish brown, no plasticity, moist, organics, no odor



**3.0 – 4.0 ft**

CLAY (CL), soft, wet, high plasticity, light brown, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

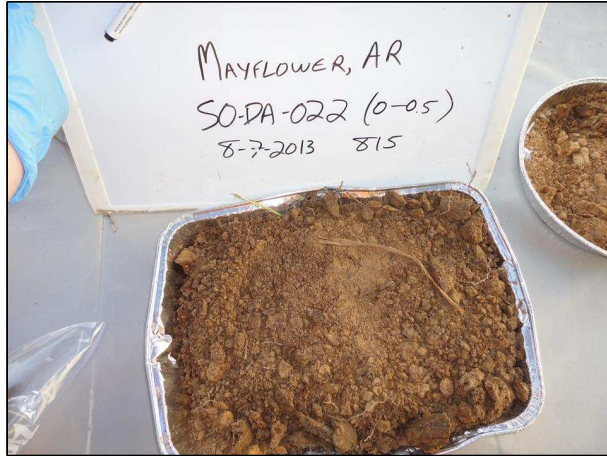
MAYFLOWER PIPELINE INCIDENT RESPONSE  
EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY  
DOWNSTREAM AREAS DATA ASSESSMENT REPORT

SOIL SAMPLE FIELD PHOTOS:  
SO-DA-021 (Continued)



FIGURE  
**B-23**





**0 – 0.5 ft**

CLAY (CL), soft, dry, no plasticity, reddish brown, no odor



**0.5 – 1.0 ft**

CLAY (CL), soft, dry, no plasticity, reddish brown, no odor



**1.0 – 1.5 ft**

CLAY (CL), soft, dry, no plasticity, light brown, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

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SOIL SAMPLE FIELD PHOTOS:  
SO-DA-022



FIGURE  
**B-24**





**0 – 0.5 ft**

CLAY (CL), soft-medium stiff, low plasticity, brown, moist, no odor



**0.5 – 1.0 ft**

CLAY (CL), soft-medium stiff, low plasticity, brown, moist, no odor



**1.0 – 1.5 ft**

CLAY (CL), soft-medium stiff, low plasticity, brown, moist, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

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EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY  
DOWNSTREAM AREAS DATA ASSESSMENT REPORT

SOIL SAMPLE FIELD PHOTOS:  
SO-DA-023



FIGURE  
**B-25**





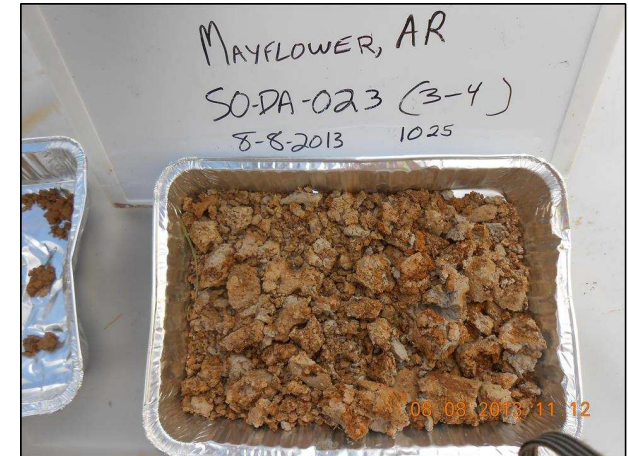
**1.5 – 2.0 ft**

CLAY (CL), soft, high plasticity, brown, moist-wet, no odor



**2.0 – 3.0 ft**

CLAY (CL), stiff, dry, no plasticity, grayish brown, no odor



**3.0 – 4.0 ft**

CLAY (CL), stiff, dry, no plasticity, grayish brown, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

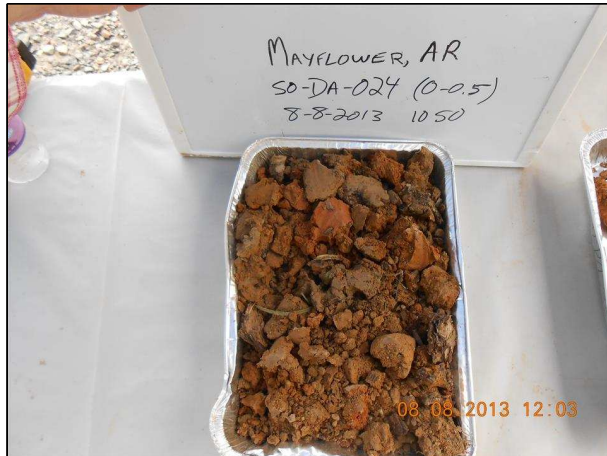
MAYFLOWER PIPELINE INCIDENT RESPONSE  
EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY  
DOWNSTREAM AREAS DATA ASSESSMENT REPORT

**SOIL SAMPLE FIELD PHOTOS:  
SO-DA-023 (Continued)**



**FIGURE  
B-26**





**0 – 0.5 ft**

CLAY (CL), medium stiff, no plasticity, dry, red/rusty, no odor



**0.5 – 1.0 ft**

CLAY (CL), medium stiff, no plasticity, dry, red/rusty, no odor



**1.0 – 1.5 ft**

CLAY (CL), medium stiff, no plasticity, dry, red/rusty, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

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**SOIL SAMPLE FIELD PHOTOS:  
SO-DA-024**



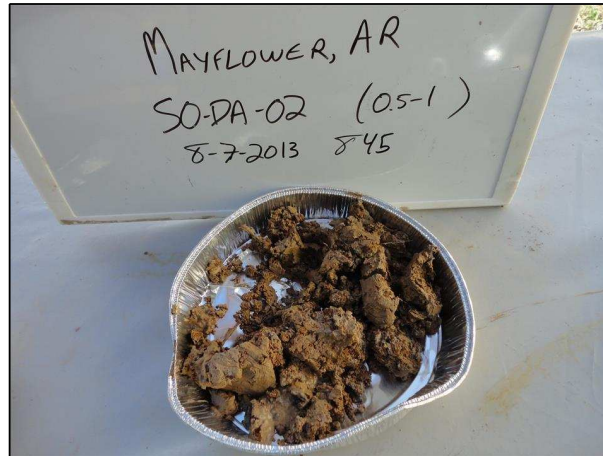
**FIGURE  
B-27**





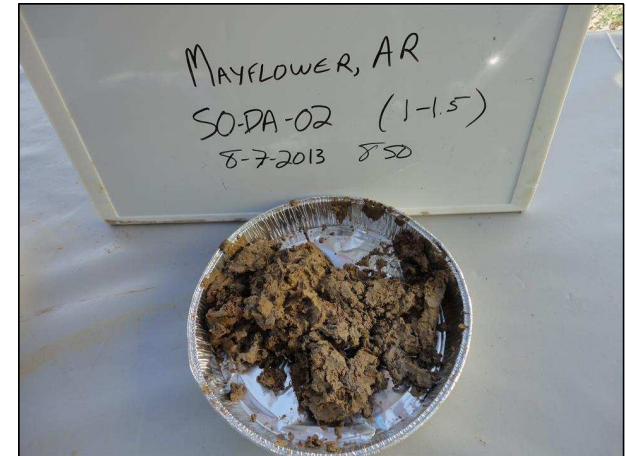
**0 – 0.5 ft**

SILTY CLAY (CL), soft, moist, medium plasticity, gray/brown, no odor



**0.5 – 1.0 ft**

CLAY (CL), trace silt, dry, moist, medium plasticity, reddish brown, no odor



**1.0 – 1.5 ft**

CLAY (CL), trace silt, dry, moist, medium plasticity, reddish brown, no odor

**SOIL LOCATION PHOTO**



**NOTES:**

1. ft = feet
2. The "5" in SO-DA-025 was accidentally omitted on whiteboard in photo.

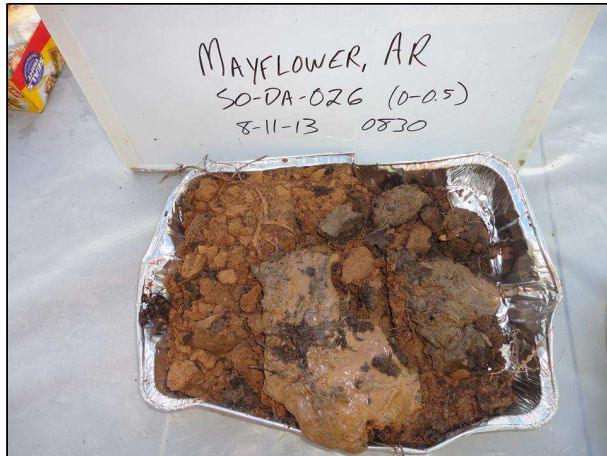
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**SOIL SAMPLE FIELD PHOTOS:  
 SO-DA-025**



**FIGURE  
 B-28**





**0 – 0.5 ft**

SILTY CLAY (CL), moist, soft, red, no odor, some organics



**0.5 – 1.0 ft**

SILTY CLAY (CL), moist, soft, red, no odor, some organics



**1.0 – 1.5 ft**

SILTY CLAY (CL), moist, soft, red, no odor, some organics

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

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SOIL SAMPLE FIELD PHOTOS:  
SO-DA-026



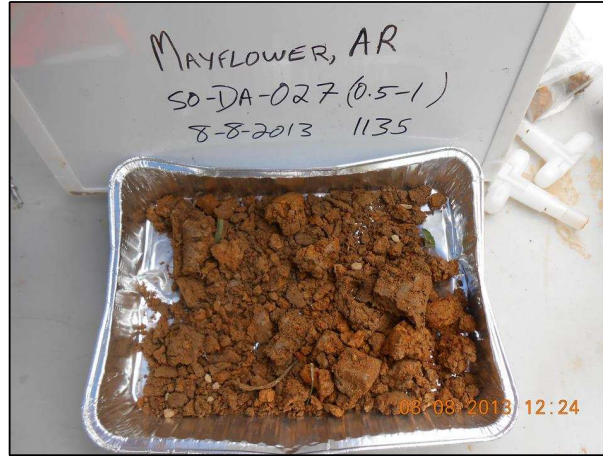
FIGURE  
**B-29**





**0 – 0.5 ft**

CLAY (CL), medium stiff, trace silt, no plasticity, organics, no odor



**0.5 – 1.0 ft**

CLAY (CL), soft, medium plasticity, reddish brown, moist, no odor



**1.0 – 1.5 ft**

CLAY (CL), dry

**SOIL LOCATION PHOTO**



**NOTE:**

1. ft = feet
2. Location photo was collected after sampling was completed.

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**SOIL SAMPLE FIELD PHOTOS:  
 SO-DA-027**



**FIGURE  
 B-30**





**0 – 0.5 ft**

CLAY (CL), soft, dry–moist, high plasticity, red, no odor, organics



**0.5 – 1.0 ft**

CLAY (CL), soft, dry, high plasticity, red, no odor, organics



**1.0 – 1.5 ft**

CLAY (CL), soft, dry, high plasticity, red, no odor, organics

**SOIL LOCATION PHOTO**



**NOTES:**

1. ft = feet
2. Whiteboard was mislabeled in photos for this location.

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**SOIL SAMPLE FIELD PHOTOS:  
 SO-DA-028**



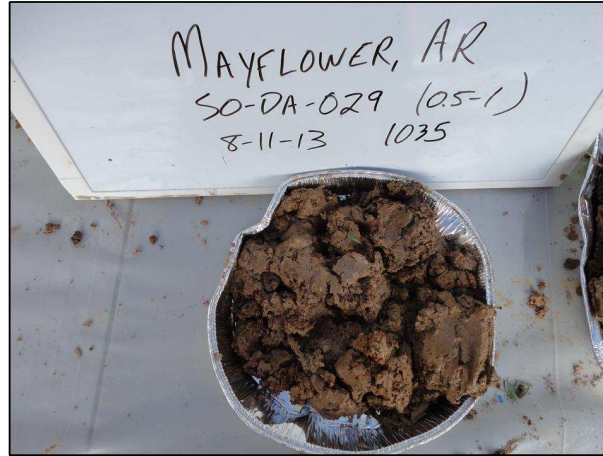
**FIGURE  
 B-31**





**0 – 0.5 ft**

CLAY (CL), some silt, soft, medium to high plasticity, brown/red, dry, no odor, organics



**0.5 – 1.0 ft**

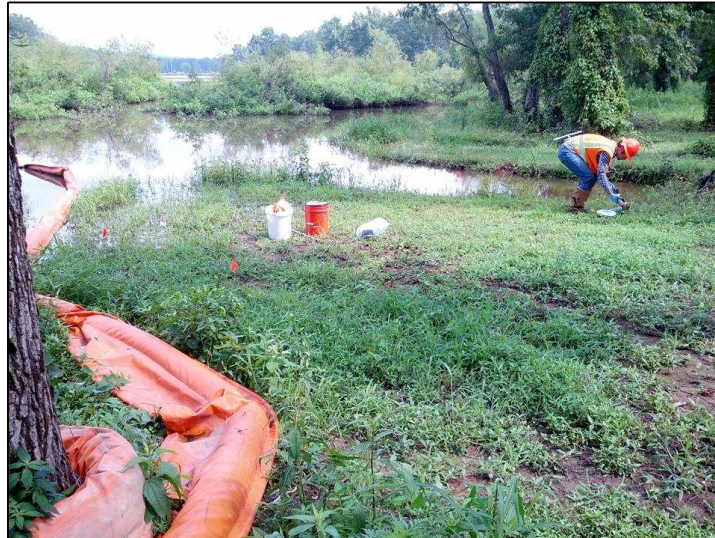
CLAY (CL), soft, high plasticity, moist, red, no odor



**1.0 – 1.5 ft**

CLAY (CL), soft, high plasticity, moist, red, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

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SOIL SAMPLE FIELD PHOTOS:  
SO-DA-029



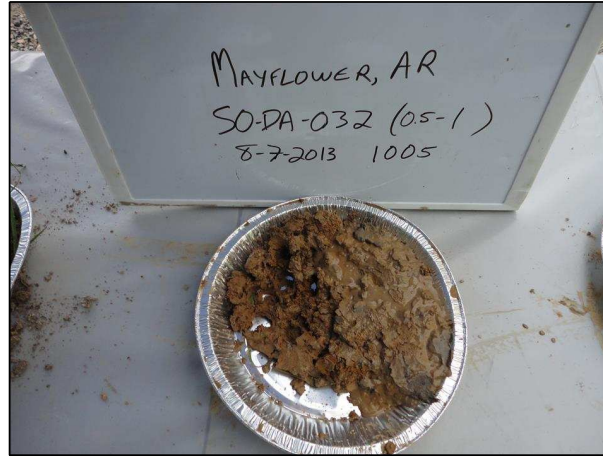
FIGURE  
**B-32**





**0 – 0.5 ft**

CLAY (CL), some silt, soft to medium stiff, dry to moist, medium plasticity, brown, no odor



**0.5 – 1.0 ft**

CLAY (CL), soft, wet, high plasticity, brown/reddish brown, no odor



**1.0 – 1.5 ft**

CLAY (CL), soft, wet, high plasticity, brown/reddish brown, no odor

**SOIL LOCATION PHOTO**



NOTE:  
1. ft = feet

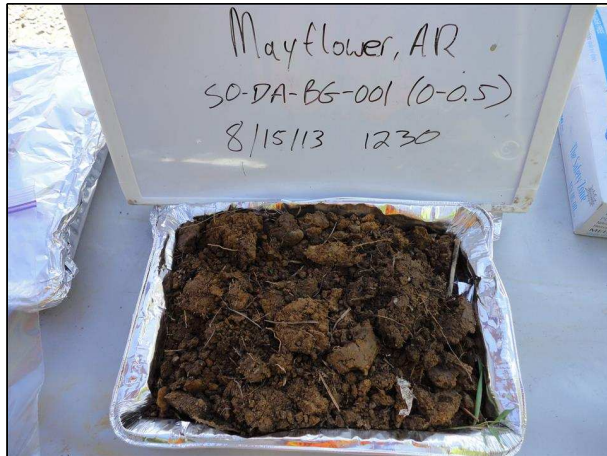
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EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY  
DOWNSTREAM AREAS DATA ASSESSMENT REPORT

SOIL SAMPLE FIELD PHOTOS:  
SO-DA-032



FIGURE  
**B-33**





**0.0 – 0.5 ft**

SILTY CLAY (CL), soft to medium stiff, low plasticity, dry, red, no odor, trace organics

**SOIL LOCATION PHOTO**



**NOTES:**

1. ft = feet
2. Background samples only collected from surface interval (0.0 – 0.5 feet).
3. Location photo was collected after sampling was completed.

MAYFLOWER PIPELINE INCIDENT RESPONSE  
EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY  
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**SOIL SAMPLE FIELD PHOTOS:  
SO-DA-BG-001**



**FIGURE  
B-34**





**0.0 – 0.5 ft**


GRAVELLY SAND (SP), some fine sand, fine to medium grained sand, coarse subangular gravel, brown, moist, no odor

**SOIL LOCATION PHOTO**



**NOTES:**

1. ft = feet
2. Background samples only collected from surface interval (0.0 – 0.5 feet).
3. Location photo was collected after sampling was completed.

MAYFLOWER PIPELINE INCIDENT RESPONSE EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY DOWNSTREAM AREAS DATA ASSESSMENT REPORT	
<b>SOIL SAMPLE FIELD PHOTOS:          SO-DA-BG-002</b>	
	<b>FIGURE          B-35</b>





**0.0 – 0.5 ft**

SILT (ML), some clay, soft, no plasticity, dry, reddish brown, no odor, organics

**SOIL LOCATION PHOTO**



**NOTES:**

1. ft = feet
2. Background samples only collected from surface interval (0.0 – 0.5 feet).
3. Location photo was collected after sampling was completed.

MAYFLOWER PIPELINE INCIDENT RESPONSE  
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**SOIL SAMPLE FIELD PHOTOS:  
SO-DA-BG-003**



**FIGURE  
B-36**





**0.0 – 0.5 ft**

SILTY CLAY (CL), some silt, soft, high plasticity, brown, organics, dry, no odor

**SOIL LOCATION PHOTO**



**NOTES:**

1. ft = feet
2. Background samples only collected from surface interval (0.0 – 0.5 feet).
3. Location photo was collected after sampling was completed.

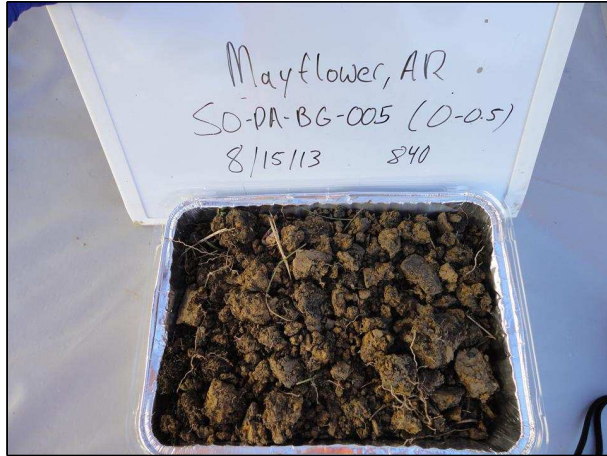
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**SOIL SAMPLE FIELD PHOTOS:  
SO-DA-BG-004**



**FIGURE  
B-37**





**0.0 – 0.5 ft**

SILTY CLAY (ML/CL), medium stiff, low plasticity, some organics, dry, dark brown, no odor

**SOIL LOCATION PHOTO**



**NOTES:**

1. ft = feet
2. Background samples only collected from surface interval (0.0 – 0.5 feet).
3. Location photo was collected after sampling was completed.

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**SOIL SAMPLE FIELD PHOTOS:  
SO-DA-BG-005**



FIGURE  
**B-38**





**0.0 – 0.5 ft**


SILT (ML), some organics, trace clay, some gravel, 1" subangular, loose/soft, dry, dark brown, no odor

**SOIL LOCATION PHOTO**



**NOTES:**

1. ft = feet
2. Background samples only collected from surface interval (0.0 – 0.5 feet).
3. Location photo was collected after sampling was completed.

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<b>SOIL SAMPLE FIELD PHOTOS:          SO-DA-BG-006</b>	
	<b>FIGURE          B-39</b>





**0.0 – 0.5 ft**

CLAY (CL), some silt, trace gravel, high plasticity, soft to medium stiff, red with some gray, moist, no odor



**0.5 – 1.0 ft**

CLAY (CL), some silt, trace gravel, high plasticity, soft to medium stiff, red with some gray, moist, no odor

NOTES:

1. ft = feet
2. Sediment sample collected using hand auger.

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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-001



FIGURE  
**B-40**





**0.0 – 0.5 ft**

CLAY (CL), some gravel, high plasticity, moist to wet, red/brown, no odor



**0.5 – 1.0 ft**

CLAY (CL), some gravel, high plasticity, moist to wet, red/brown, no odor

NOTES:

1. ft = feet
2. Sediment sample collected using hand auger.

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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-002



FIGURE  
**B-41**



**0.0 – 0.5 ft**

CLAY (CL), stiff, low plasticity, dry to moist, red, no odor



**0.5 – 1.0 ft**

CLAY (CL), stiff, low plasticity, dry to moist, red, no odor

NOTES:

1. ft = feet
2. Sediment sample collected using hand auger.

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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-003



FIGURE  
**B-42**





**0.0 – 0.5 ft**

SILTY CLAY (CL/ML), soft, no plasticity, wet, strong odor, staining



**0.5 – 1.0 ft**

CLAY (CL), stiff, dry, low plasticity, dark red, slight odor

NOTES:

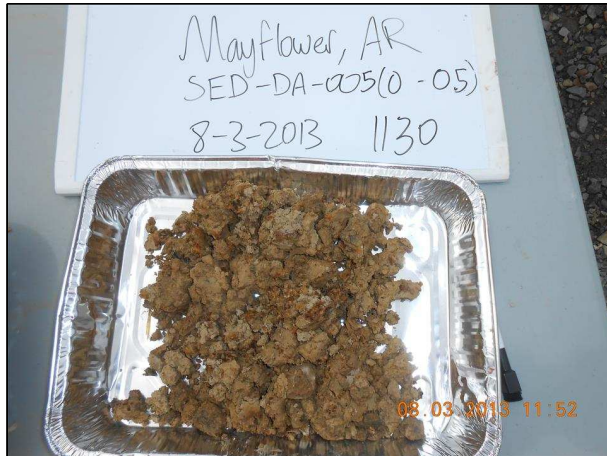
1. ft = feet
2. Sediment sample collected using hand auger.

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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-004

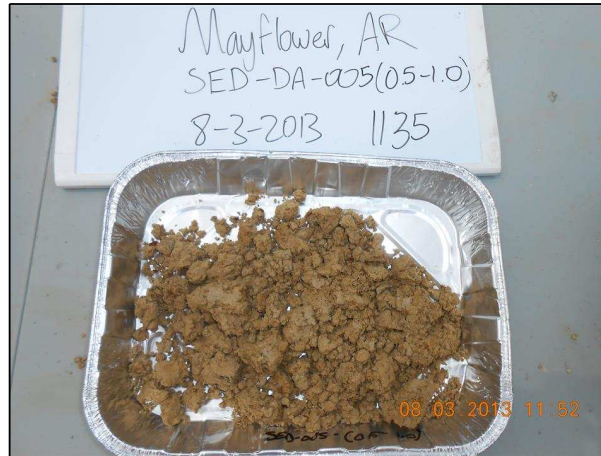


FIGURE  
**B-43**



**0 – 0.5 ft**

CLAY (CL), trace silt, medium plasticity, dry–moist, soft, no odor, light brown/gray



**0.5 – 1.0 ft**

CLAY (CL), trace silt, medium plasticity, dry–moist, soft, no odor, light brown/gray



**1.0 – 1.5 ft**

CLAY (CL), trace silt, medium plasticity, dry–moist, soft, no odor, light brown/gray

**NOTES:**

1. ft = feet
2. Sediment sample collected using hand auger.

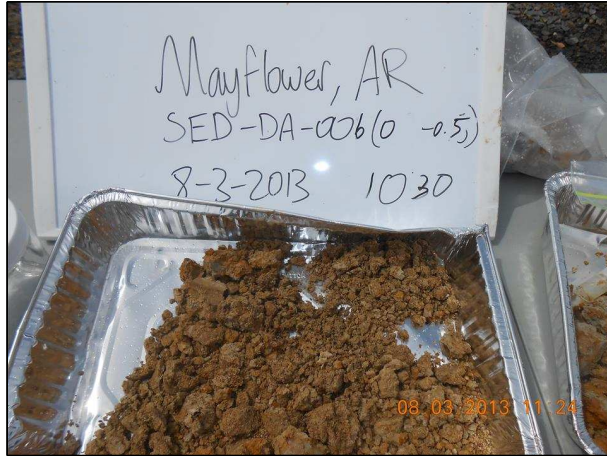
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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-005**



**FIGURE  
 B-44**





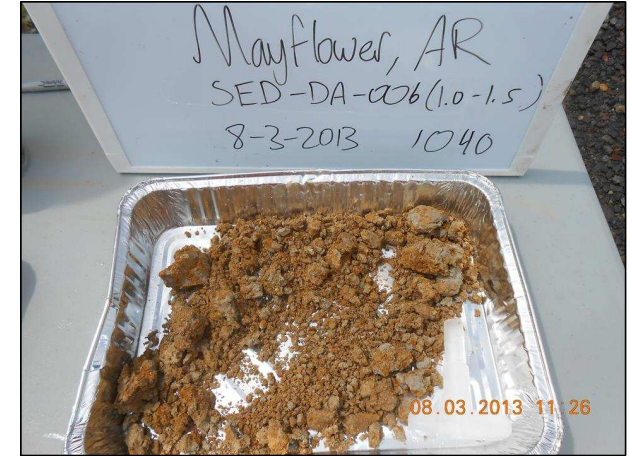
**0 – 0.5 ft**

CLAY (CL), some silt, no plasticity, dry, soft, gray/brown, no odor



**0.5 – 1.0 ft**

CLAY (CL), trace silt, medium plasticity, dry, soft, no odor



**1.0 – 1.5 ft**

CLAY (CL), trace silt, medium plasticity, dry, soft, no odor

NOTES:

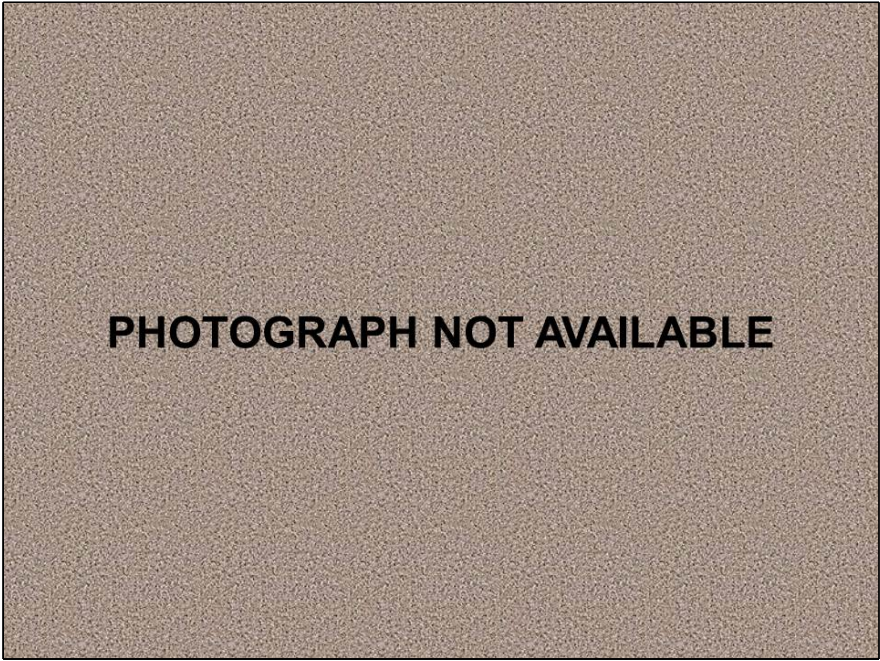
1. ft = feet
2. Sediment sample collected using hand auger.

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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-006



FIGURE  
**B-45**




**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5	CLAY (CL), trace silt, medium plasticity, medium stiff, moist, light gray, no odor
0.5 – 1.0	CLAY (CL), trace silt and coarse sand, medium plasticity, soft, moist, light
1.0 – 1.5	SILTY CLAY (ML/CL), wet from water above the boring, trace sand, soft, light, gray/brown, no odor

NOTES:  
1. ft = feet  
2. Sediment sample collected using Lexan core tube.

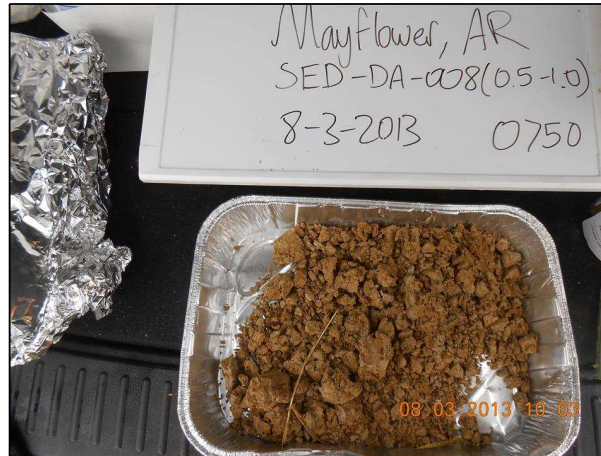
MAYFLOWER PIPELINE INCIDENT RESPONSE EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY DOWNSTREAM AREAS DATA ASSESSMENT REPORT	
SEDIMENT SAMPLE FIELD PHOTOS: SED-DA-007	
	FIGURE <b>B-46</b>





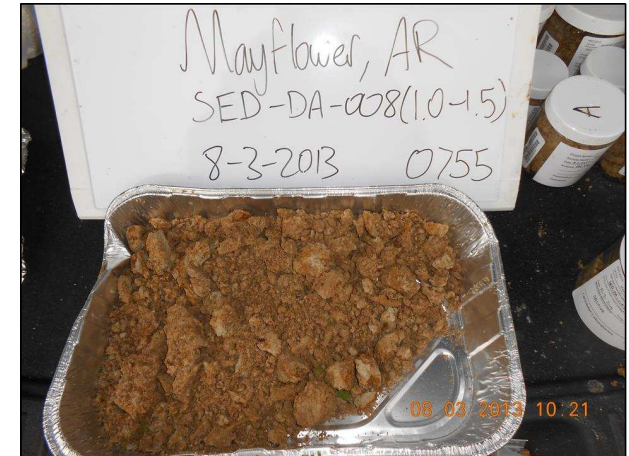
**0 – 0.5 ft**

CLAY (CL), trace silt, medium plasticity, dry, beige/light gray, no odor



**0.5 – 1.0 ft**

CLAY (CL), trace silt, medium plasticity, dry, beige/light gray, no odor



**1.0 – 1.5 ft**

CLAY (CL), trace silt, medium plasticity, dry, beige/light gray, no odor

**NOTES:**

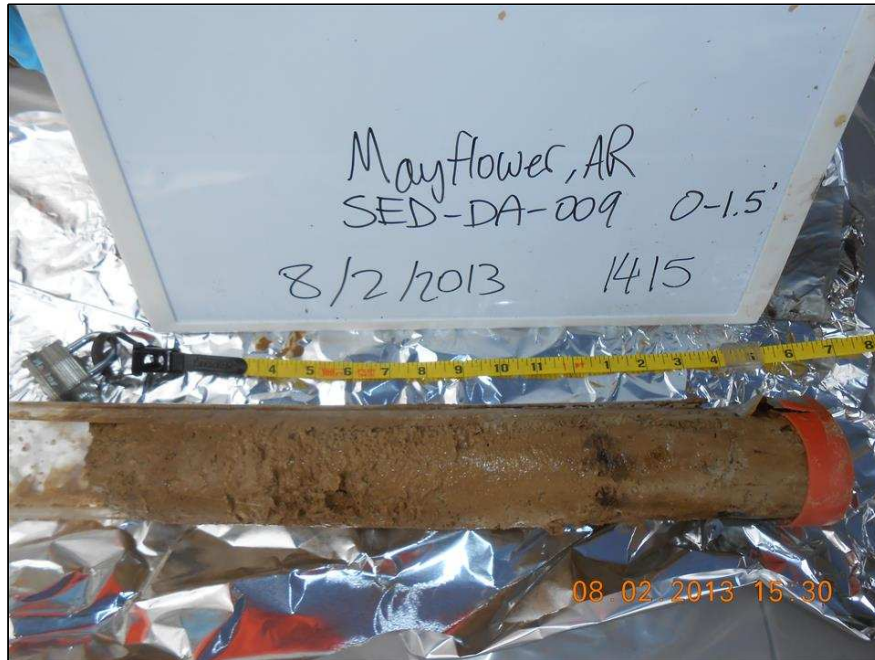
1. ft = feet
2. Sediment sample collected using hand auger.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-008**



**FIGURE  
 B-47**



DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILTY CLAY (CL), medium plasticity, soft, moist, no odor
0.5 – 1.0	SILTY CLAY (CL), medium plasticity, soft, moist, no odor
1.0 – 1.5	SILT (ML), some clay, low plasticity, stiff, dry, no odor

NOTES:  
 1. ft = feet  
 2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-009



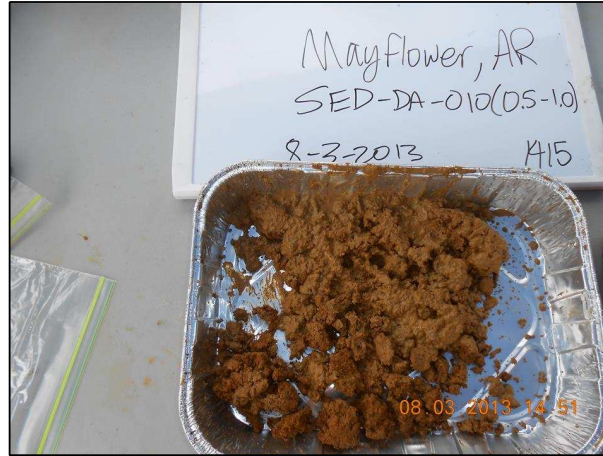
FIGURE  
**B-48**





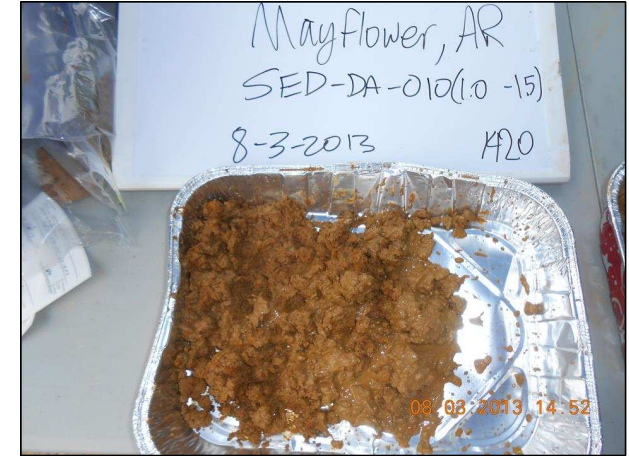
**0 – 0.5 ft**

SANDY CLAY (CL), some sand, medium plasticity, soft, no odor brown, reddish brown, moist-wet



**0.5 – 1.0 ft**

SANDY CLAY (CL), some sand, medium plasticity, soft, no odor brown, reddish brown, moist-wet



**1.0 – 1.5 ft**

SANDY CLAY (CL), some sand, medium plasticity, soft, no odor brown, reddish brown, moist-wet

NOTES:

1. ft = feet
2. Sediment sample collected using hand auger.

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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-010



FIGURE  
**B-49**



**0 – 0.5 ft**

CLAY (CL), some sand, soft, low plasticity, gray, moist, no odor



**0.5 – 1.0 ft**

CLAYEY SAND (SC/CL), soft, fine grain sand, low plasticity, wet, no odor



**1.0 – 1.5 ft**

CLAYEY SAND (SC/CL), soft, fine grain sand, low plasticity, wet, no odor

NOTES:

1. ft = feet
2. Sediment sample collected using hand auger.

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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-011



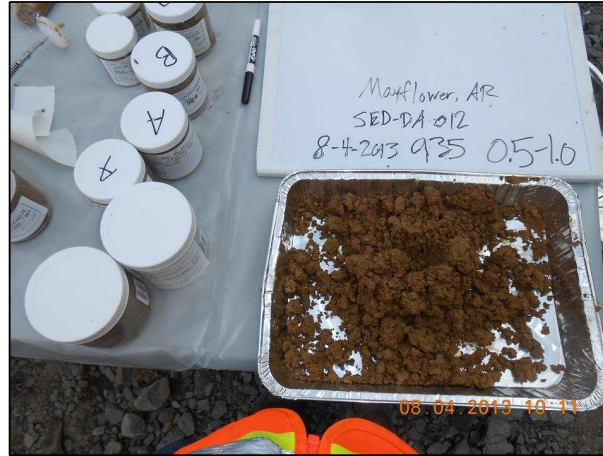
FIGURE  
**B-50**





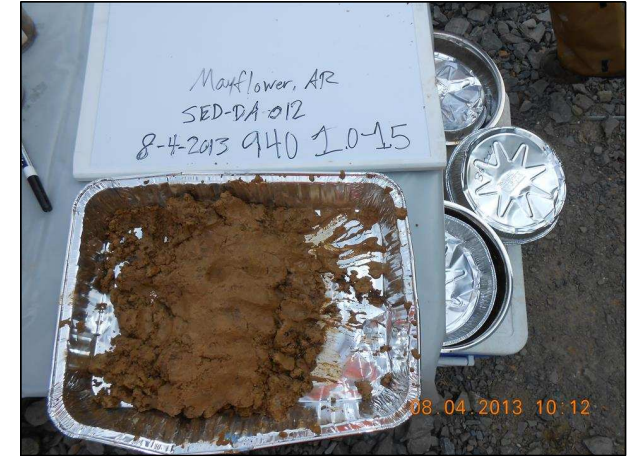
**0 – 0.5 ft**

SANDY CLAY (CL), fine sand, trace silt, soft, moist, low plasticity, ruddy brown, no odor



**0.5 – 1.0 ft**

SANDY CLAY (CL), fine sand, trace silt, soft, moist, low plasticity, ruddy brown, no odor



**1.0 – 1.5 ft**

SANDY CLAY (CL), fine sand, trace silt, soft, moist, low plasticity, ruddy brown, no odor

**NOTES:**

1. ft = feet
2. Sediment sample collected using hand auger.

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 EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY  
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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-012**



**FIGURE  
 B-51**



**0 – 0.5 ft**

CLAY (CL), some sand, fine grain sand, moist-wet, medium to high plasticity, red brown, no odor, trace organics



**0.5 – 1.0 ft**

CLAY (CL), some sand, fine grain sand, moist-wet, medium to high plasticity, red brown, no odor, trace organics



**1.0 – 1.5 ft**

CLAY (CL), some sand, fine grain sand, moist-wet, medium to high plasticity, red brown, no odor, trace organics

NOTES:

1. ft = feet
2. Sediment sample collected using hand auger.

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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-013



FIGURE  
**B-52**





**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5

CLAYEY SAND, brown, fine grained, no odor

0.5 – 1.0

SANDY CLAY (CL), reddish brown, medium plasticity, no odor

NOTES:

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-014



FIGURE  
**B-53**



DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SANDY CLAY (CL), soft, wet, no plasticity, HCO
0.5 – 1.0	SANDY CLAY (CL), soft, wet, low plasticity, reddish brown, slight HCO
1.0 – 1.5	SANDY CLAY (CL), soft, wet, low plasticity, reddish brown, slight HCO

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.
3. HCO = hydrocarbon odor

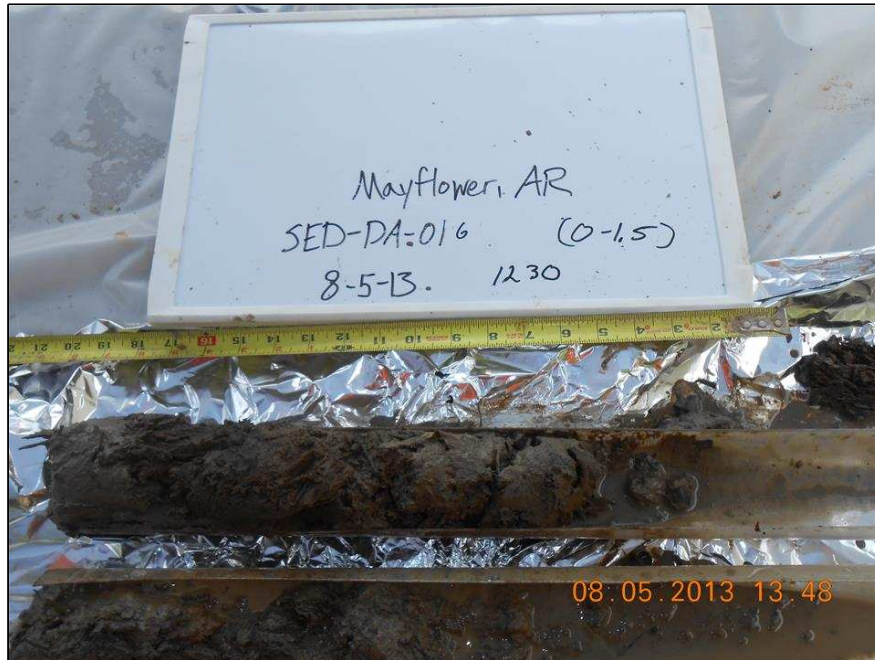
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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-015**



**FIGURE  
 B-54**





DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SANDY CLAY (CL), very soft, wet, low plasticity, brown, 50% organics
0.5 – 1.0	SANDY CLAY (CL), very soft, wet, low plasticity, brown, 50% organics

NOTES:  
 1. ft = feet  
 2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-016



FIGURE  
**B-55**



DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILTY CLAY (CL), soft, wet, low plasticity, brown, no odor
0.5 – 1.0	SILTY CLAY (CL), soft, wet, low plasticity, brown, strong HCO

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.
3. HCO = hydrocarbon odor

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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-017**



**FIGURE  
 B-56**





**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

2.0 – 3.0

CLAY (CL), soft, medium to high plasticity, wet, reddish gray, no odor

3.0 – 3.2

CLAY (CL), soft, medium to high plasticity, wet, reddish gray, no odor, trace organics

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-018**



**FIGURE  
B-57**



**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

2.0 – 3.0

CLAY (CL), soft, low plasticity, wet, gray to 2.5 feet, no odor

3.0 – 3.3

CLAY (CL), stiff, moist, high plasticity, reddish gray, no odor

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-019**



**FIGURE  
 B-58**





DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILT (ML), brown, saturated, no odor
0.5 – 1.0	SILT (ML), brown, saturated, no odor
1.0 – 1.5	SILTY CLAY (CL), light brown, soft, wet, no odor

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-020



FIGURE  
**B-59**



**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5	MUD/SILT (ML), some clay, soft, some organics, moist-wet, brown/black, some odor
0.5 – 1.0	CLAY (CL), trace silt, soft, wet, low-medium plasticity, gray, no odor
1.0 – 1.5	CLAY (CL), trace silt, soft, wet, low-medium plasticity, gray, no odor
1.5 – 2.0	CLAY (CL), trace silt, soft, wet, low-medium plasticity, gray, no odor
2.0 – 3.0	CLAY (CL), medium stiff, high plasticity, moist, gray/red, no odor
3.0 – 3.3	CLAY (CL), stiff, low plasticity, moist-dry, brown/grayish red, no odor

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-021**



**FIGURE  
 B-60**





**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0.0 – 0.5	ORGANIC SILT (OL/PT), swamp soil, soft, organics, black, wet, organic odor
0.5 – 1.0	CLAY (CL), soft, low to medium plasticity, wet, gray, no odor
1.0 – 1.5	CLAY (CL), soft, low to medium plasticity, wet, gray, no odor
1.5 – 2.0	CLAY (CL), soft, low to medium plasticity, wet, gray, no odor
2.0 – 3.0	CLAY (CL), medium stiff, medium plasticity, moist to wet, gray with some red, no odor

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-022**



**FIGURE  
 B-61**



**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0.0 – 0.5	ORGANIC SILT (OL), organics, soft, wet, black, some odor
0.5 – 1.0	ORGANIC SILT (OL-CL), organics, soft, wet, black, some odor, transitions to clay at 11 inches
1.0 – 1.5	CLAY (CL), some silt, soft, wet, no plasticity, gray, no odor
1.5 – 2.0	CLAY (CL), some silt, soft, wet, no plasticity, gray, no odor
2.0 – 3.0	CLAY (CL), some silt, soft, wet, no plasticity, gray, no odor, at 2 feet 10 inches transition to stiff, dry to moist clay, gray with red, no odor
3.0 – 3.1	CLAY (CL), some silt, soft, wet, no plasticity, gray, no odor

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

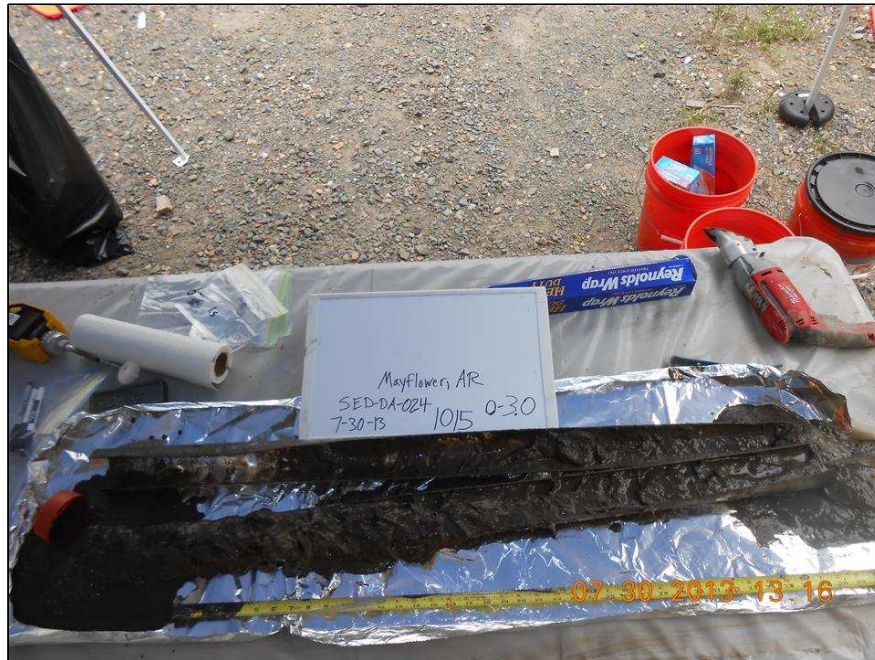
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**SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-023**



**FIGURE  
B-62**





**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5	SILT (ML), brown, saturated, trace organics, slight odor (organic)
0.5 – 1.0	SILT (ML), brown, saturated, trace organics
1.0 – 1.5	SILT (ML), brown, saturated, trace organics
1.5 – 2.0	SILT (ML), brown, saturated, trace organics
2.0 – 3.0	SILT (ML), brown, saturated, trace organics

NOTES:

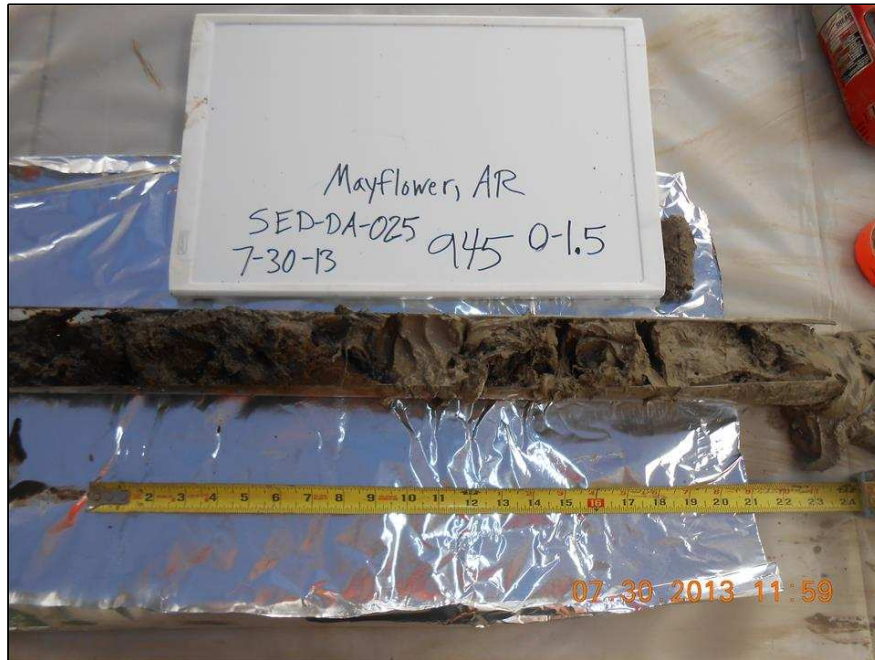
1. ft = feet
2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-024



FIGURE  
**B-63**



DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILT (ML), brown, saturated, root mass, no odor
0.5 – 1.0	SILT (ML), some clay, light brown, saturated, no odor
1.0 – 1.5	SILTY CLAY (CL), light brown, wet, no odor

NOTES:  
 1. ft = feet  
 2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-025



FIGURE  
**B-64**





DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILT (ML), brown, no odor, root mass, saturated
0.5 – 1.0	SILT (ML), brown, no odor, root mass, saturated
1.0 – 1.5	SILT (ML), light brown, saturated
1.5 – 2.0	SANDY CLAY (CL), light brown, wet, no odor, trace organics
2.0 – 3.0	SANDY CLAY (CL), light brown, wet, no odor, trace organics
3.0 – 3.4	SANDY CLAY (CL), light brown, wet, no odor, trace organics

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-026**



**FIGURE  
 B-65**



DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILT (ML), brown, saturated, root mass
0.5 – 1.0	SILT (ML), brown, saturated, root mass
1.0 – 1.5	SILTY CLAY (CL), gray, trace organics
1.5 – 2.0	SILTY CLAY (CL), gray, saturated
2.0 – 3.0	CLAY (CL), gray, trace organics, no odor, saturated
3.0 – 3.6	CLAY (CL), gray, trace organics, no odor, saturated

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.
3. Photo is from SED-DA-027 collected on 7/29/2013 at 1400 from 0 – 3.6 feet.

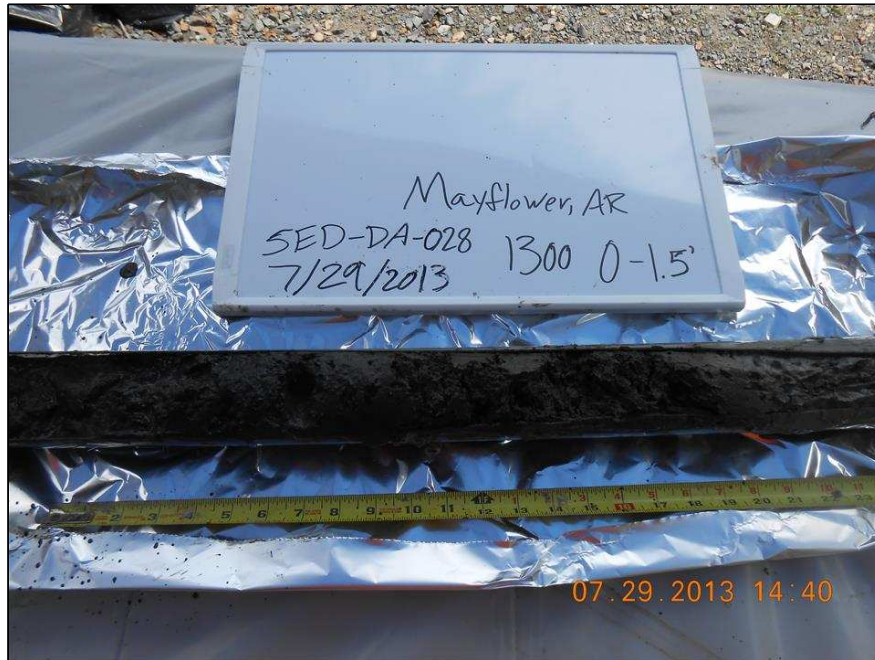
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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-027**



**FIGURE  
 B-66**





DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILT (ML), brown, no odor, root mass, saturated
0.5 – 1.0	SILT (ML), light brown, root mass, no odor, saturated
1.0 – 1.5	CLAY (CL), gray, trace organics, saturated

NOTES:  
 1. ft = feet  
 2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-028



FIGURE  
**B-67**



**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5	SILT (ML), brown, no odor, saturated, trace organics, root mass
0.5 – 1.0	SILT (ML), brown, no odor, saturated, trace organics, root mass
1.0 – 1.5	SILT (ML), light brown, no odor, saturated, trace organics, and root mass
1.5 – 2.0	SILT (ML), light brown, no odor, saturated, trace organics, and root mass
2.0 – 3.0	SILT (ML), light brown, no odor, saturated, trace organics, and root mass

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-029**



**FIGURE  
 B-68**





DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILT (ML), brown, no odor, saturated
0.5 – 1.0	CLAY (CL), gray, no odor, wet, low plasticity, soft
1.0 – 1.5	CLAY (CL), gray, no odor, wet, low plasticity, soft

NOTES:  
 1. ft = feet  
 2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-030



FIGURE  
**B-69**



DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILT (ML), brown, no odor, root mass
0.5 – 1.0	SILT (ML), brown, no odor, root mass
1.0 – 1.5	SILTY CLAY (CL), gray, root mass, no odor

NOTES:  
 1. ft = feet  
 2. Sediment sample collected using Lexan core tube.

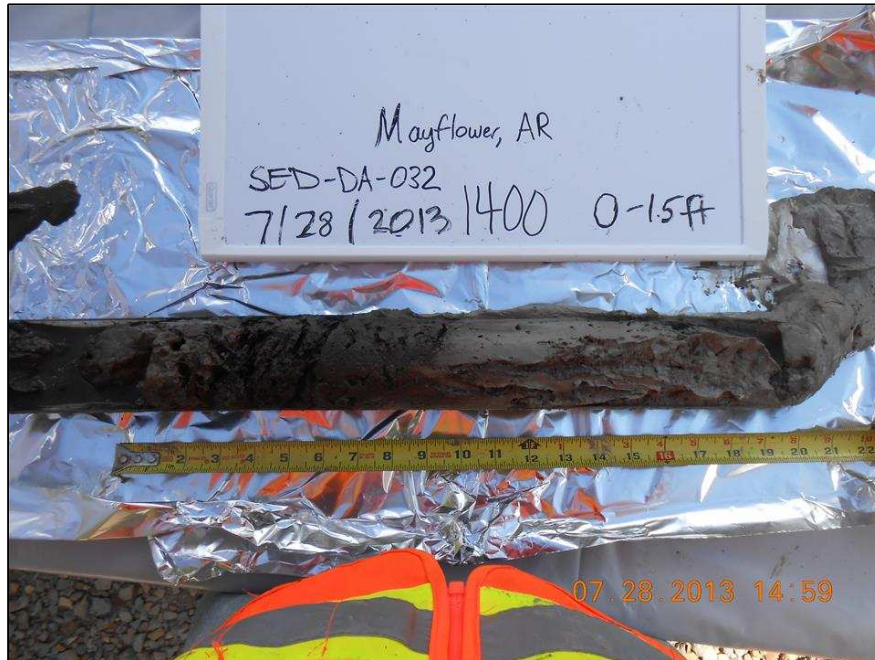
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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-031




FIGURE  
**B-70**





DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILT (ML), brown, trace organics, mild odor, saturated
0.5 – 1.0	SILTY CLAY (CL), gray, no odor, saturated
1.0 – 1.5	CLAY (CL), gray, soft, no odor, saturated

NOTES:  
 1. ft = feet  
 2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS: SED-DA-032	
	FIGURE <b>B-71</b>



DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILT (ML), brown, trace organics, saturated
0.5 – 1.0	SILTY CLAY (CL), gray, trace organics, saturated
1.0 – 1.5	CLAY (CL), gray, trace organics, wet

NOTES:  
 1. ft = feet  
 2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-033



FIGURE  
**B-72**





DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	CLAYEY SILT (ML), brown, trace organics, mild odor, saturated
0.5 – 1.0	SILTY CLAY (CL), gray, low plasticity, no odor
1.0 – 1.5	CLAY (CL), gray, low plasticity, no odor

NOTES:  
 1. ft = feet  
 2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-034




FIGURE  
**B-73**



DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILT (ML), brown, trace organics, mild odor, saturated
0.5 – 1.0	CLAYEY SILT (ML), brown to gray at 1 foot, saturated
1.0 – 1.5	SILTY CLAY (CL), gray, low plasticity, wet

- NOTES:
1. ft = feet
  2. Sediment sample collected using Lexan core tube.

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<b>SEDIMENT SAMPLE FIELD PHOTOS:          SED-DA-035</b>	
	<b>FIGURE          B-74</b>





DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILT (ML), brown saturated, trace organics, no odor
0.5 – 1.0	SILTY CLAY (CL), gray, trace organics, saturated, no odor
1.0 – 1.5	CLAY (CL), gray, trace organics, wet, no odor

NOTES:  
 1. ft = feet  
 2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-036



FIGURE  
**B-75**



DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILT (ML), brown, saturated, no odor
0.5 – 1.0	SILT (ML), dark gray, saturated, no odor
1.0 – 1.5	CLAY (CL), gray, soft, low plasticity, no odor

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-037**



**FIGURE  
 B-76**





DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILT (ML), brown, saturated, no odor, trace organics
0.5 – 1.0	SILT (ML), brown, saturated, no odor, trace organics
1.0 – 1.5	CLAY (CL), gray, soft, no odor, trace organics

NOTES:  
 1. ft = feet  
 2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-038

 **ARCADIS** | **FIGURE B-77**



**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5

SILTY CLAY (CL), soft, wet, some silt, medium plasticity, no odor, brown

0.5 – 1.0

SILTY CLAY (CL), soft, wet, some silt, medium plasticity, no odor, brown

1.0 – 1.5

SILTY CLAY (CL), soft, wet, some silt, medium plasticity, no odor, brown

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-039**



**FIGURE  
 B-78**





**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5	CLAY (CL), trace silt, wet, medium–high plasticity, medium stiff
0.5 – 1.0	CLAY (CL), trace silt, wet, medium–high plasticity, medium stiff, light brown
1.0 – 1.5	CLAY (CL), trace silt, wet, medium–high plasticity, medium stiff, light brown

NOTES:

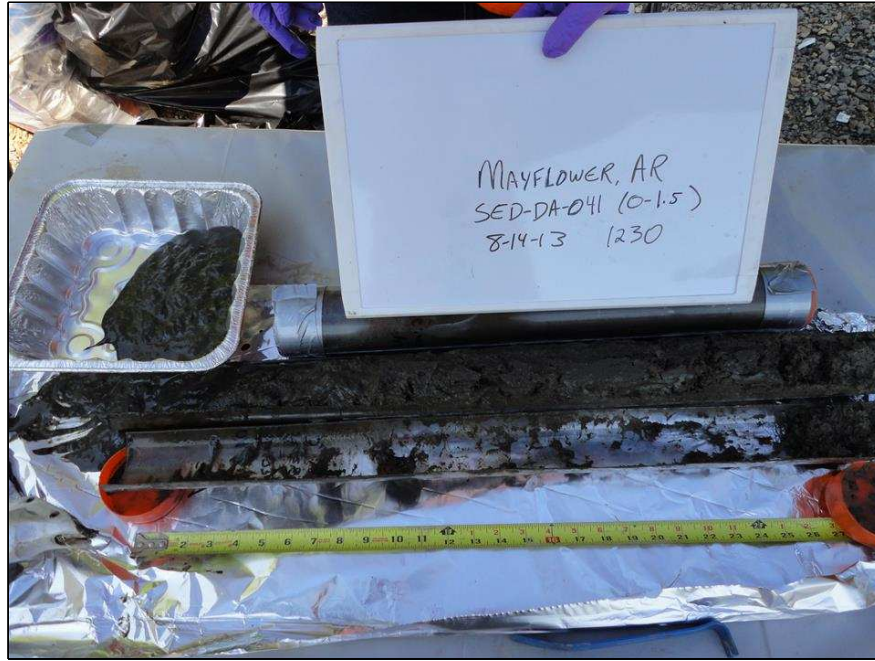
1. ft = feet
2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-040



FIGURE  
**B-79**



DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
0 – 0.5	SILT (ML/CL), soft, wet, black, very wet, slight odor, sheen
0.5 – 1.0	SILT (ML/CL), soft, wet, black, very wet
1.0 – 1.5	SILT (ML/CL), soft, wet, black, very wet

NOTES:  
 1. ft = feet  
 2. Sediment sample collected using Lexan core tube.

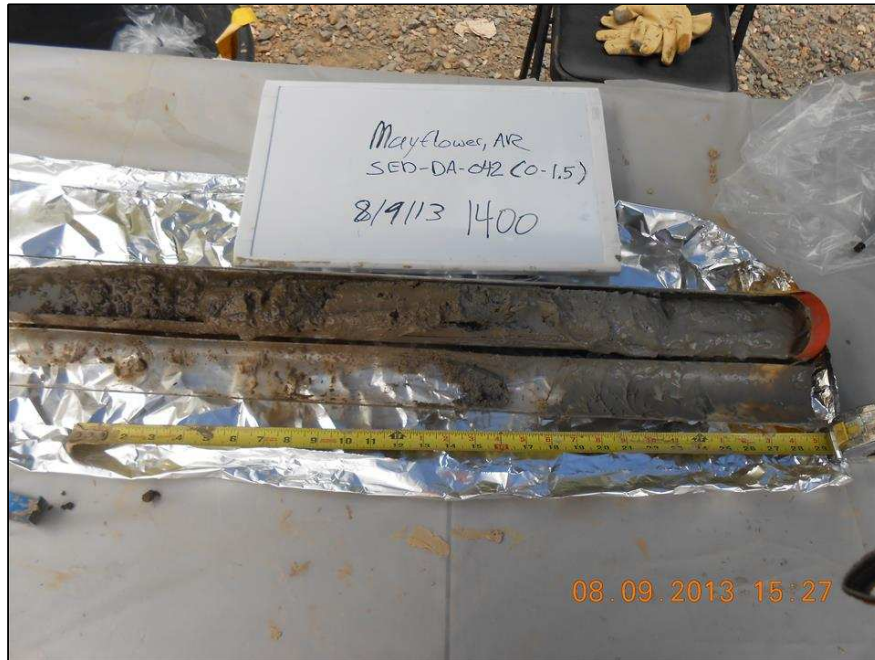
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SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-041



FIGURE  
**B-80**





**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5	MUD/SILT (ML), soft, trace clay, black, some organics, organic odor
0.5 – 1.0	SILTY CLAY (CL), soft, trace organics, low plasticity, organic odor, gray/black
1.0 – 1.5	CLAY (CL), soft-medium stiff, medium plasticity, gray, slight organic odor

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-042**



**FIGURE  
 B-81**



**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5	SILTY CLAY (ML/CL), soft, wet, no plasticity, trace organics, no odor, black
0.5 – 1.0	CLAY (CL), soft, medium plasticity, wet, no odor, gray/brown
1.0 – 1.5	CLAY (CL), soft, medium plasticity, wet, no odor, gray/brown

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.
3. Sample was collected from SED-DA-043.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-043**



**FIGURE  
 B-82**





**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5	ORGANIC SILT, PEAT (OL/PT), some clay, no plasticity, slight odor, black
0.5 – 1.0	CLAY (CL), soft, high plasticity, some organics, slight odor, gray
1.0 – 1.5	CLAY (CL), soft, high plasticity, some organics, slight odor, reddish brown

NOTES:

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-044



FIGURE  
**B-83**



**DEPTH  
INTERVAL (FT)**

1.0 – 1.5

**LITHOLOGY  
DESCRIPTION**

CLAY (CL), trace coarse sand/gravel, soft, wet, light brown, no odor

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-045**



**FIGURE  
B-84**





**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5	SILTY CLAY (CL), soft, medium plasticity, wet, some organics, slight odor, black
0.5 – 1.0	CLAY (CL), soft, high plasticity, wet, some organics, slight odor, gray
1.0 – 1.5	CLAY (CL), soft, high plasticity, wet, some organics, slight odor, gray

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-046**



**FIGURE  
 B-85**



**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5	SILT (ML), some clay, some organics, soft, wet, no plasticity, HCO, black
0.5 – 1.0	CLAY (CL), trace silt, organics, soft, wet, low plasticity, gray, no odor
1.0 – 1.5	CLAY (CL), trace silt, organics, soft, wet, low plasticity, gray, no odor

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.
3. HCO = hydrocarbon odor

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**SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-047**



**FIGURE  
B-86**





**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5	ORGANIC SILT, PEAT (OL/PT), trace clay, soft, wet, no plasticity, black, HCO
0.5 – 1.0	CLAY (CL), soft, wet, medium plasticity, gray, slight odor
1.0 – 1.5	CLAY (CL), soft, wet, medium plasticity, gray, slight odor

NOTES:

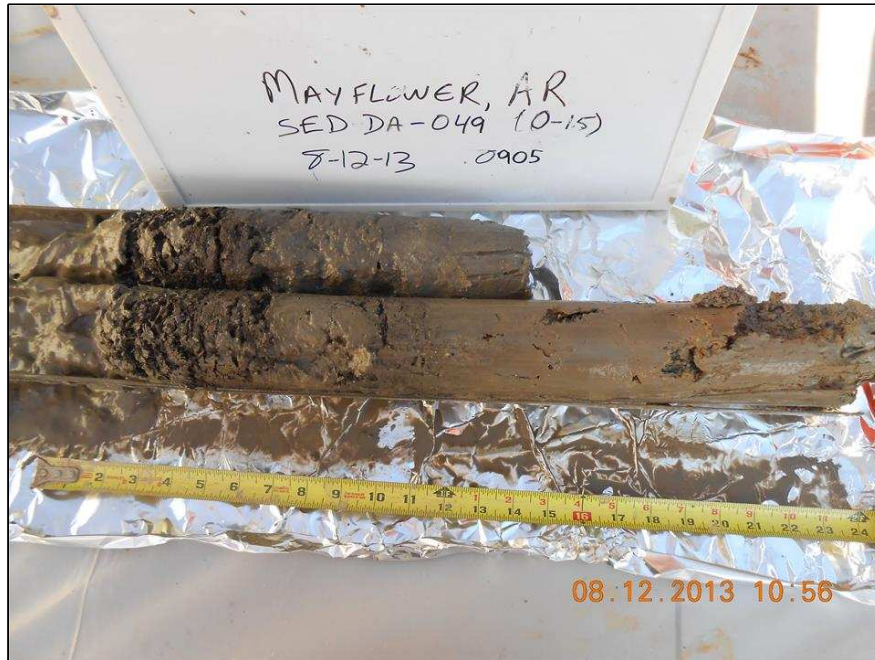
1. ft = feet
2. Sediment sample collected using Lexan core tube.
3. HCO = hydrocarbon odor

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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-048



FIGURE  
**B-87**



**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5	ORGANIC SILT, PEAT (OL/PT), lots of organics, wet, slight odor, black
0.5 – 1.0	ORGANIC SILT, PEAT (OL/PT), lots of organics, wet, slight odor, black, clay in the last inch
1.0 – 1.5	CLAY (CL), soft, medium plasticity, moist-wet, no odor, brown/gray

NOTES:

1. ft = feet
2. Sediment sample collected using Lexan core tube.

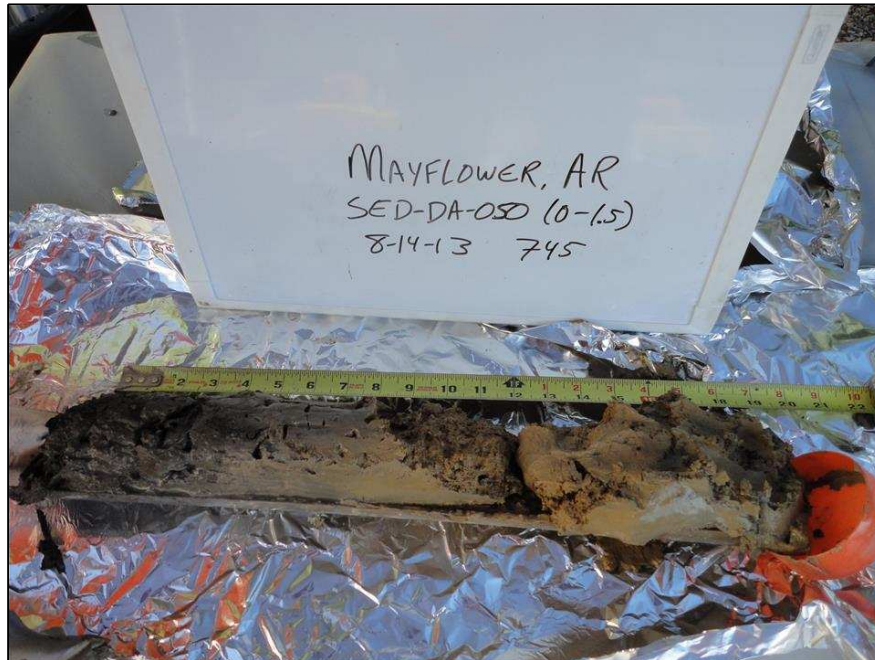
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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-049



FIGURE  
**B-88**





**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5	ORGANIC SILT, PEAT (OL/PT), organics, wet, swamp soils, some clay, soft, black, slight odor
0.5 – 1.0	CLAY (CL), some silt, wet, soft, low plasticity, light brown, no odor
1.0 – 1.5	CLAY (CL), some silt, wet, soft, low plasticity, light brown, no odor

NOTES:

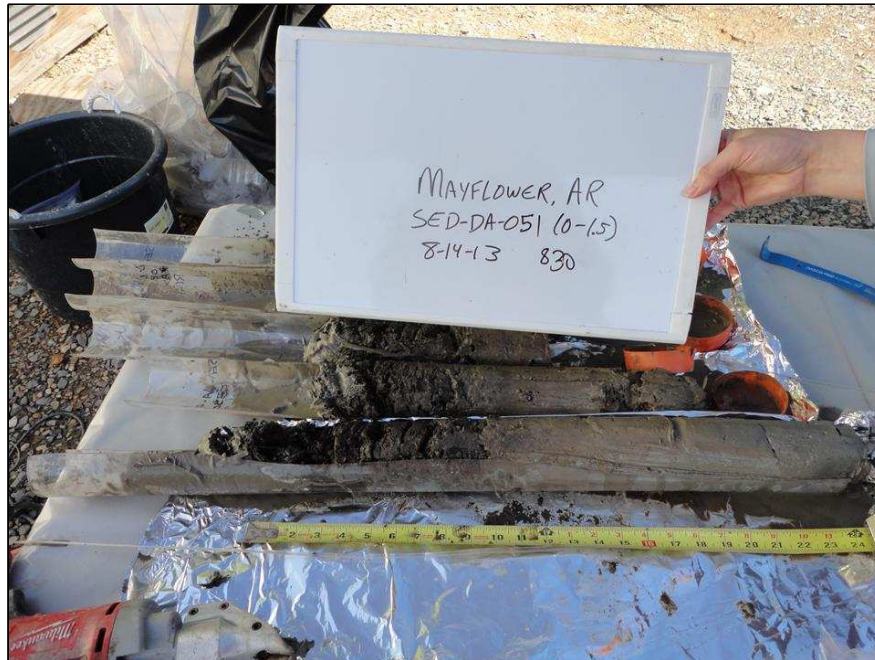
1. ft = feet
2. Sediment sample collected using Lexan core tube.

MAYFLOWER PIPELINE INCIDENT RESPONSE  
EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY  
DOWNSTREAM AREAS DATA ASSESSMENT REPORT

SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-050



FIGURE  
**B-89**



**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5	ORGANIC SILT, PEAT (OL/PT), organics, peat/swamp soils, wet, soft, black, organic odor
0.5 – 1.0	CLAY (CL), trace silt, low to medium plasticity, soft, wet, gray, slight odor
1.0 – 1.5	CLAY (CL), trace silt, low to medium plasticity, soft, wet, gray, slight odor

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-051**



**FIGURE  
 B-90**





DEPTH INTERVAL (FT)	LITHOLOGY DESCRIPTION
1.5 – 2.0	CLAY/SILT (CL/ML), some organics, soft, wet, gray, no odor
2.0 – 2.6	CLAY/SILT (CL/ML), some organics, soft, wet, gray, no odor

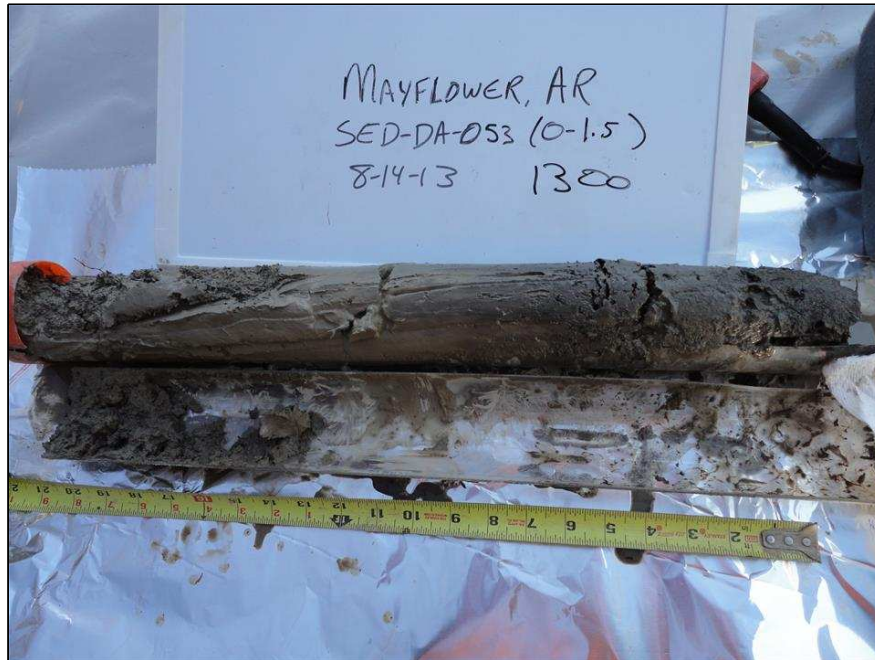
- NOTES:
1. ft = feet
  2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
 SED-DA-052**



**FIGURE  
 B-91**



**DEPTH  
INTERVAL (FT)**

**LITHOLOGY  
DESCRIPTION**

0 – 0.5	ORGANIC SILT, PEAT (OL/PT), swamp soil, organics, soft, wet, black, some odor
0.5 – 1.0	CLAY (CL), some silt, soft, wet to moist, low to medium plasticity, slight odor
1.0 – 1.5	CLAY (CL), some silt, soft, wet to moist, low to medium plasticity, slight odor

NOTES:

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-053



FIGURE  
**B-92**





**0.0 – 0.5 ft**

CLAY (CL), some silt, coarse gravel, soft, medium plasticity, moist, dark brown, no odor

NOTES:

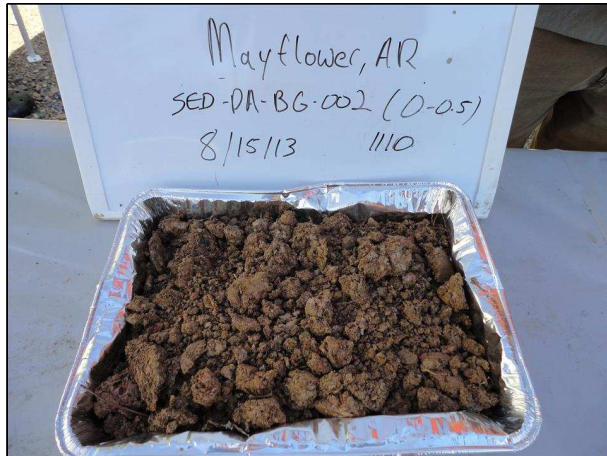
1. ft = feet
2. Sediment sample collected using hand auger.

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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-BG-001



FIGURE  
**B-93**



**0.0 – 0.5 ft**

CLAY (CL), soft to medium stiff, low plasticity, red, dry, no odor

NOTES:

1. ft = feet
2. Sediment sample collected using hand auger.

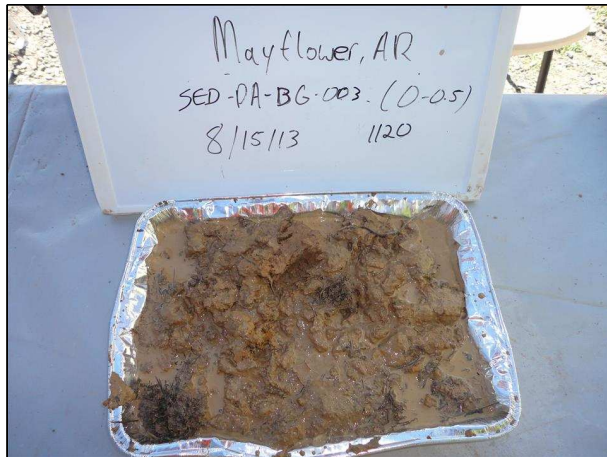
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EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY  
DOWNSTREAM AREAS DATA ASSESSMENT REPORT

SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-BG-002



FIGURE  
**B-94**





**0.0 – 0.5 ft**

SILTY CLAY (CL/ML), soft, low plasticity, wet, light brown, no odor, trace organics

NOTES:

1. ft = feet
2. Sediment sample collected using hand auger.

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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-BG-003



FIGURE  
**B-95**



**0 – 0.5 ft**

CLAY (CL), some silt, soft, moist, medium to high plasticity, dark brown, no odor

NOTES:

1. ft = feet
2. Sediment sample collected using hand auger.

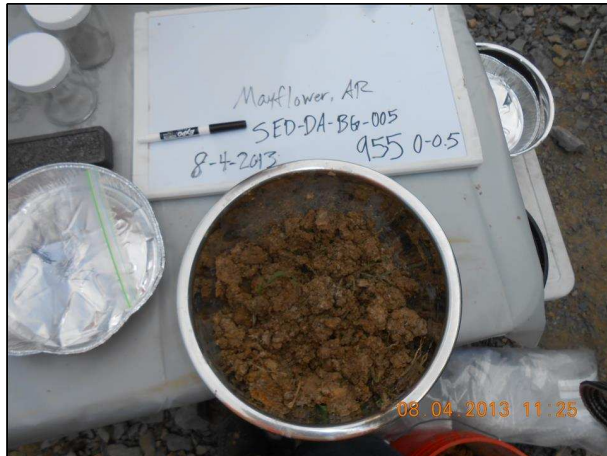
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**SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-BG-004**



FIGURE  
**B-96**





**0 – 0.5 ft**

CLAY (CL), some silt, soft, medium to high plasticity,  
dry to moist, no odor

NOTES:

1. ft = feet
2. Sediment sample collected using hand auger.

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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-BG-005



FIGURE  
**B-97**



**0 – 0.5 ft**

CLAY (CL), medium stiff, low plasticity, dry, no odor

NOTES:

1. ft = feet
2. Sediment sample collected using hand auger.

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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-BG-006



FIGURE  
**B-98**





**DEPTH  
INTERVAL (FT)**

0 – 0.5

**LITHOLOGY  
DESCRIPTION**

SILT (ML), brown, saturated, trace organics, no odor (0–0.25 foot) CLAY (CL), light brown, wet trace organics (0.25–0.5 foot)

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-BG-007**



**FIGURE  
B-99**



**DEPTH  
INTERVAL (FT)**

0 – 0.5

**LITHOLOGY  
DESCRIPTION**

SILTY CLAY (CL), light brown, trace organics, wet, slight organic odor

NOTES:

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-BG-008



FIGURE  
**B-100**





**DEPTH  
INTERVAL (FT)**

0 – 0.5

**LITHOLOGY  
DESCRIPTION**

CLAY (CL), brown, trace organics, no odor, soft, wet

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-BG-009**



FIGURE  
**B-101**



**DEPTH  
INTERVAL (FT)**

0 – 0.5

**LITHOLOGY  
DESCRIPTION**

SILTY CLAY (CL), light brown, wet, trace organics, slight odor

NOTES:

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-BG-010



FIGURE  
**B-102**





**DEPTH  
INTERVAL (FT)**

0 – 0.5

**LITHOLOGY  
DESCRIPTION**

SILTY CLAY (CL), light brown, wet, slight odor, black mass (organic)

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-BG-011**



FIGURE  
**B-103**



**DEPTH  
INTERVAL (FT)**

0.0 – 0.5

**LITHOLOGY  
DESCRIPTION**

ORGANIC SILT, PEAT (OL/PT), some clay, soft, wet, no plasticity, black, organic odor, no sheen

**NOTES:**

1. ft = feet
2. Sediment sample collected using Lexan core tube.

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**SEDIMENT SAMPLE FIELD PHOTOS:  
SED-DA-BG-012**



**FIGURE  
B-104**