

May 06, 2016

Contract #: 54813

CH2M HILL Plateau Remediation Company
 2420 Stevens Center Place
 P.O. Box 1600
 Richland, WA 99352
 Attn.: Tracey A. Burch

Subject: Geotechnical Laboratory Testing Services, Data Deliverable for SDG # W603011, Rev. 1

Enclosed is the final report on geotechnical analyses performed by RJ Lee Group Inc. in conjunction with PBS Engineering and Environmental, Inc. (PBS) for Sample Delivery Group number (SDG #) W603011.

This revision was caused by an incomplete table on the case narrative. No data or results by PBS were affected.

General Set Comments

RJ Lee Group received from CH2M-Hill Plateau Remediation Company (CHPRC) 32 samples to be tested for geotechnical analysis at the Columbia Basin Analytical Laboratories. There are no SIRs associated with this SDG.

The CHPRC sample, in SDG # W603011, has been assigned a PBS Geotechnical Lab Sample number per the below table.

CHPRC Sample #	SDG #
B340T1	W603011 C9550 Core 1
B340T3	W603011 C9550 Core 2
B340T5	W603011 C9550 Core 3
B340T7	W603011 C9550 Core 4
B340T9	W603011 C9550 Core 5
B340V1	W603011 C9550 Core 6
B340V3	W603011 C9550 Core 7
B340V5	W603011 C9550 Core 8
B340V7	W603011 C9550 Core 9
B340V9	W603011 C9550 Core 10
B340W1	W603011 C9550 Core 11
B340W3	W603011 C9550 Core 12
B340W5	W603011 C9550 Core 13
B340W7	W603011 C9550 Core 14
B340W9	W603011 C9550 Core 15
B340X1	W603011 C9550 Core 16
B340X3	W603011 C9550 Core 17
B340X5	W603011 C9550 Core 18
B340X7	W603011 C9550 Core 19
B340X9	W603011 C9550 Core 20
B340Y1	W603011 C9550 Core 21
B340Y3	W603011 C9550 Core 22
B340Y5	W603011 C9550 Core 23

CHPRC Sample #	SDG #
B340Y7	W603011 C9550 Core 24
B340Y9	W603011 C9550 Core 25
B34101	W603011 C9550 Core 26
B34103	W603011 C9550 Core 27
B34105	W603011 C9550 Core 28
B34107	W603011 C9550 Core 29
B34109	W603011 C9550 Core 30
B34111	W603011 C9550 Core 31
B34113	W603011 C9550 Core 32

This project deliverable, provided in Attachment 1, contains the reports of the requested analytical results and a copy of the associated chain of custody for the sample listed above.

The analytical results provided in this deliverable relate only to the items tested. The sample was received in acceptable condition unless otherwise noted in the attached report(s).

I certify that this analytical report is in compliance with the Hanford SOW, both technically and for completeness. Release of the data contained in this hard copy report has been authorized by the Laboratory Director or a designee as verified by the following signature.

Heinz Huber
Senior Project Manager, Columbia Basin Analytical Laboratories

05/06/2016

Date

If you have any questions, please feel free to contact us at 509-545-4989 or email at hhuber@rjleegroup.com.

Attachment 1

PBS Geotechnical laboratory Testing Results, SDG # W603011,
dated April 13, 2016


**Engineering +
Environmental**

April 13, 2016

Mr. Larry Lockrem
RJ Lee Group, Inc.
Columbia Basin Analytical Laboratories
2710 North 20th Avenue
Pasco, Washington 93301

**Subject: Geotechnical Laboratory Testing
Sample Delivery Group No. W603011
PBS Project No. 63797.003**

Dear Mr. Lockrem:

In accordance with your request, PBS Engineering and Environmental Inc. (PBS) is providing you with the results of our recent geologic core logging and aliquot sampling. Our services were provided in accordance with the request provided with Sample Delivery Group (SDG) number W603011.

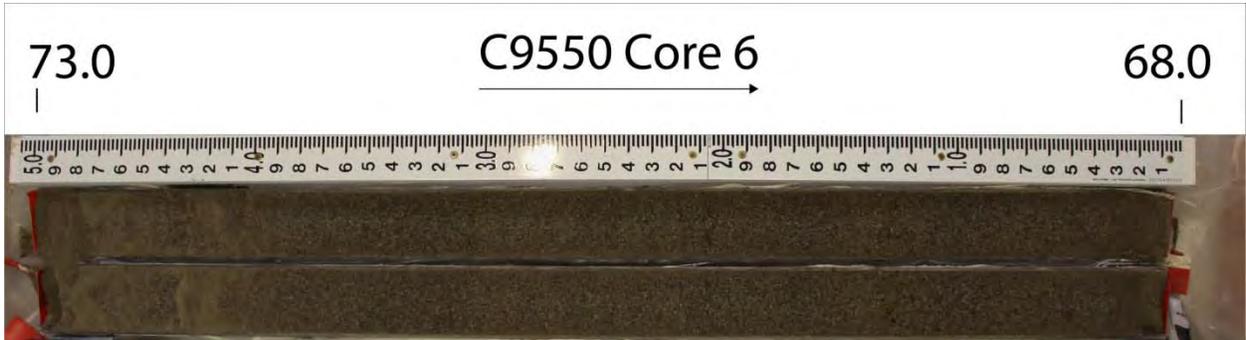
Samples were processed in accordance with the following procedures and inclusive standards and practices.

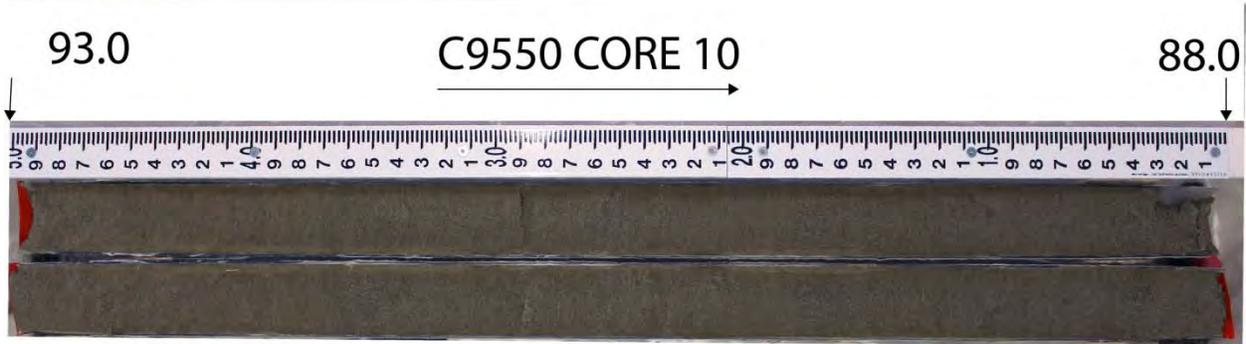
- Core logging per GTL-009.00 – Geologic Logging of Soils (CHPRC procedure GRP-EE-01-7.0 – Geologic Logging)(ASTM D2488-09a- Standard Practice for Description and Identification of Soils)
- Core aliquot sampling per GTL-011.00 “Sample Aliquot Collection” and GEN-008.09 “Sample Receipt and Management”

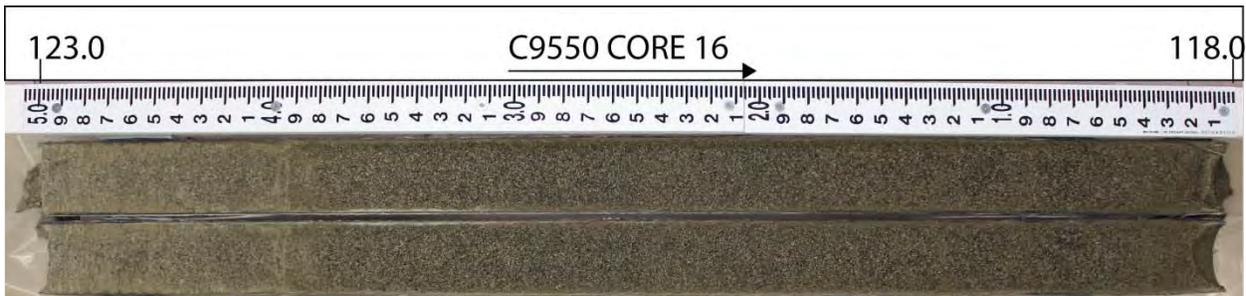
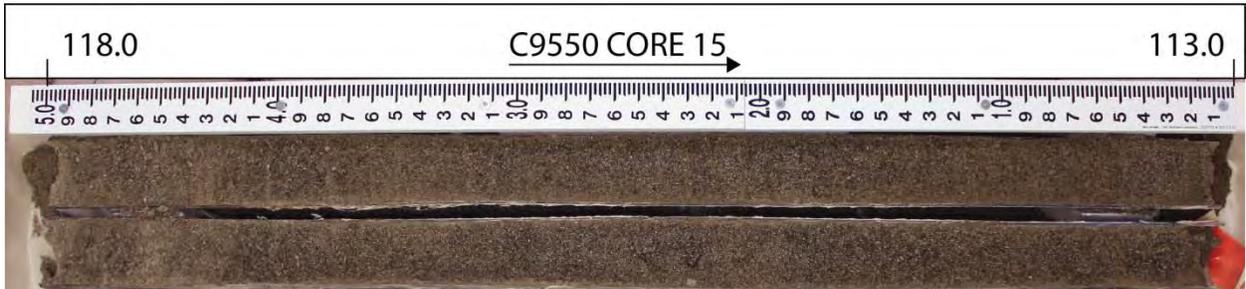
The following 32 cores were processed to include 156 ft of logged sediment and 8 aliquot samples.

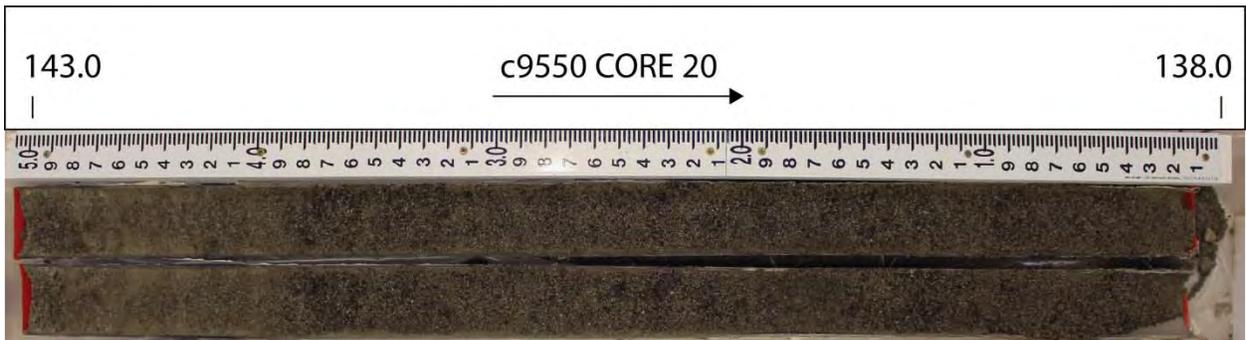
SDG#	Borehole ID	Core #	Core HEIS#	Aliquot HEIS#	
				TARL	TASL
W603011	C9550	1	B340T1	-	-
W603011	C9550	2	B340T3	B34T20	B34T21
W603011	C9550	3	B340T5	-	-
W603011	C9550	4	B340T7	-	-
W603011	C9550	5	B340T9	B34T22	B34T23
W603011	C9550	6	B340V1	-	-
W603011	C9550	7	B340V3	-	-
W603011	C9550	8	B340V5	-	-
W603011	C9550	9	B340V7	-	-
W603011	C9550	10	B340V9	-	-
W603011	C9550	11	B340W1	-	-
W603011	C9550	12	B340W3	B34T24	B34T25
W603011	C9550	13	B340W5	-	-

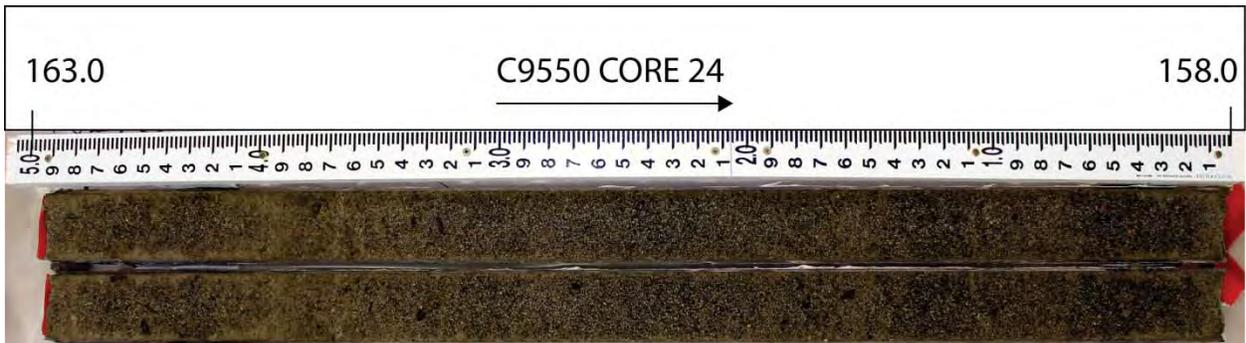
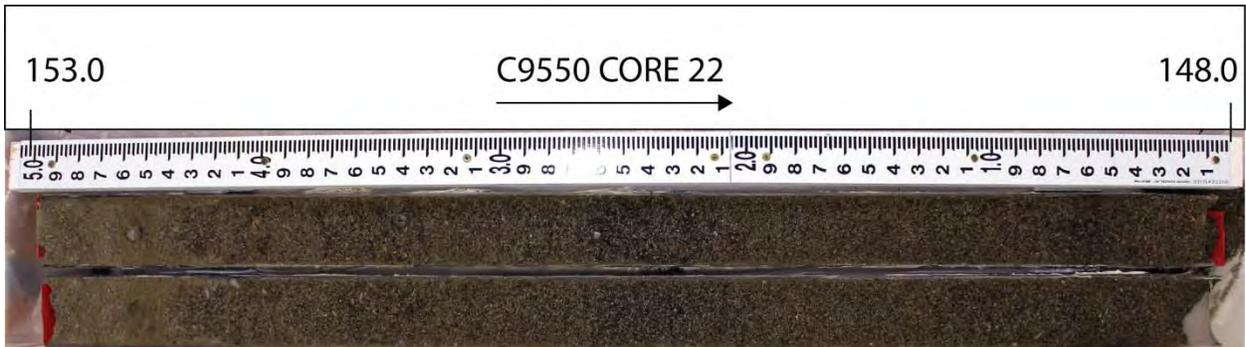
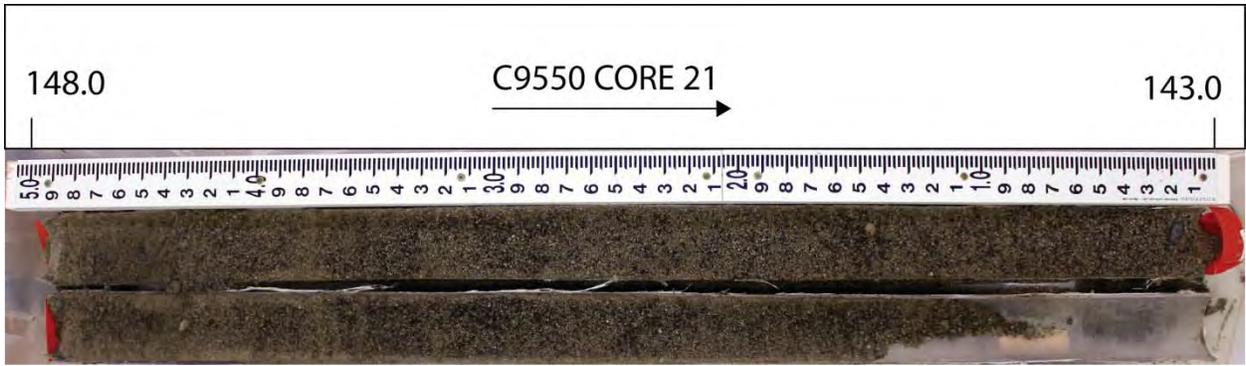


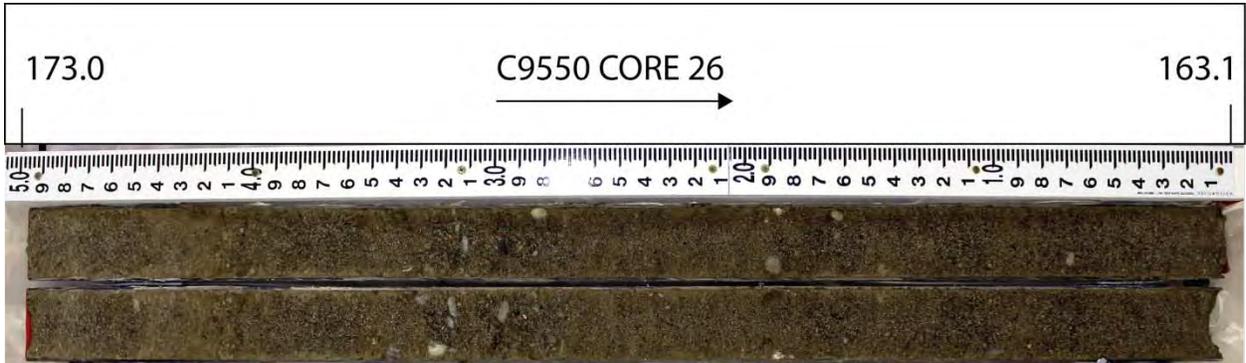
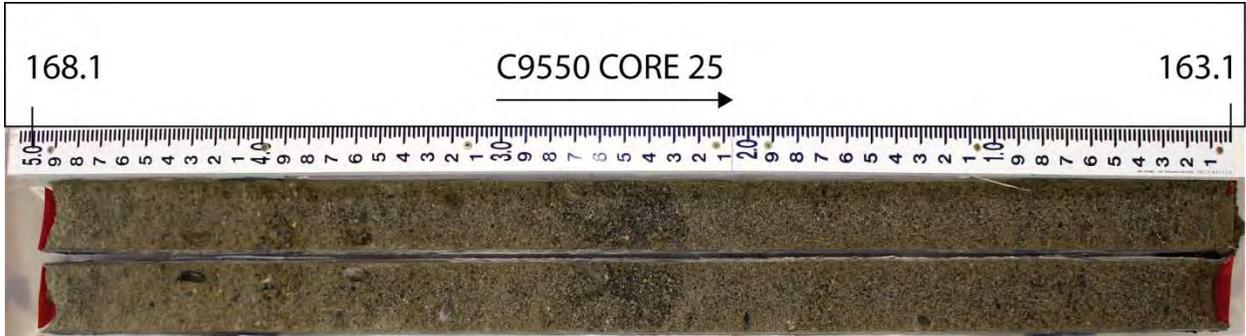


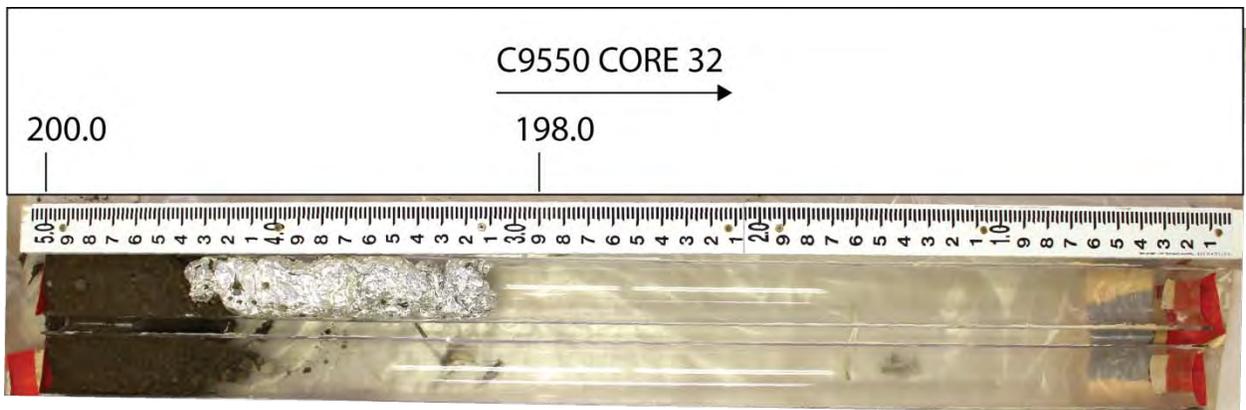
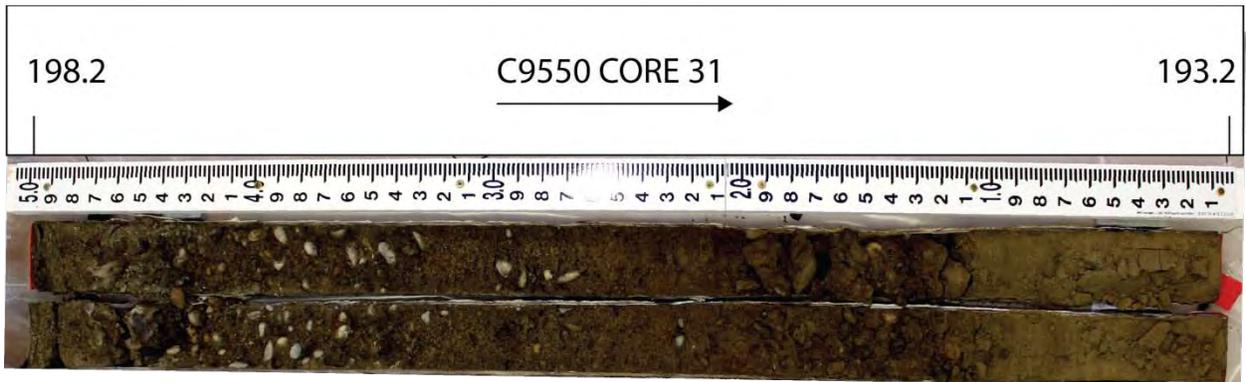












BOREHOLE LOG					Page 1 of 9
Well ID: C9550		Well Name: NA		Location: BY Crib 5 N.W. of Corner	
Project: 200-DY-1			Reference Measuring Point: Ground Surface		
Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
0-40	DPT			0-43.7 - DPT no Returns	0-43.7 Direct Push.
40					No Recovery.
					Compact/Overdriven soil.
42.5					
					43.7-200: Sonic w/ 5' core
45				43.7-47.4: silty sandy gravel m.s.g. (30% c, 60% s, 10-5%) pr. srt'd. v.fn.-v.c. sub-ang. s. of 25% mafic/75% felsic w/ 45% mafic sub-ang. v.fn.-c. pl. of 95% mafic/5% Qtz. fids.	43.7-48.7: Core 1: B340T1 Driven 12-17-15 (0900)
				44.4-46.0: Sand (S.) (100%) pr. srt'd. m.-v.c. sub-ang. s. of 75% mafic/25% Qtz. fids. 2.5Y dk. gry. moist.	44.4-46.0: Sand (S.) (100%) pr. srt'd. m.-v.c. sub-ang. s. of 75% mafic/25% Qtz. fids. 2.5Y dk. gry. moist.
47.5				46.0-47.9: Sand s. (100%) pr. → w. srt'd downward. 50/50 mafic/felsic overall. 2.5Y/lt. olv. brn. Int. bed.: 46.0-46.8 pr. srt'd. fn.-m. s. (46.0-46.8) 47.8-48.2: mod. srt'd. fn.-c. s. At 3-10-16 (47.4-47.9: w. srt'd. crs. s.)	(no rxn w/ HCl.) 47.8-48.2: mod. srt'd. fn.-c. s. At 3-10-16 (47.4-47.9: w. srt'd. crs. s.) 47.9-52.9: Sand s. (100% S) mod. srt'd. well srt'd.
				47.9-52.9: Sand s. (100% S) mod. srt'd. well srt'd. ang. 90% G-v.c. s. 10% m. s. of 50%/50% felsic, mafic trc. fn. mica. no visible grading. massive. trc. crs. fn.-n. rnd. pl. of bit. slight moist. 2.5Y/3	47.9-52.9 Core 2: B340T3 Driven 1-11-16 Aliquote: B34T20, B34T21 (3-18-16) From (50.0-52.9)
50	B34T20 B34T21			47.9-51.9: 1" thick zone: med. fine grain. Sand. 30% c.-v.c. s. 20% v.fn.-fn. Qtz. brn. Sand.	47.9-51.9 X-5-11-16
				53.0-57.5: Sand. (98% S, 2% M) 70% crs.-fn. Qtz. fids. s. / 30% v.crs. sub-ang. Mafic. s. trc. fn. sub-rnd. pl. of bit. unconsolidated. slightly moist. 2.5Y/3 lt. olv. brn.	53.0-58.0: Core 3: B340T5 Driven 1-11-16.
55.0				52.6: 0.2' thick int. bed.: slightly more fn. matl. of 90% m.-fn. s. of 95% felsic/5% mafic. amp. no rxn w/ HCl. (trc. mica.) weak hem. alt. of s/rs. grains.	
				57.2: 0.2' thick bed of m.-fn. matl. of 100% s, 60% m.-crs. sub-ang. s. / 40% v.fn.-s. of 99% Qtz. fids. / 1% mafic. wk. rxn w/ HCl. Col.: 2.5Y/3 lt. wsh. brn.	58.0-63.0: Core 4 Next Page.
60.0				57.5-58: m. s. (90% S, 10% M. trc. pl.) 90% crs. ang. crs.-v.fn. s. of 85% Qtz. fids. / 20% mafic.	
Reported By: A. Lantieri			Reviewed By:		
Title: Geo. Tech.			Title:		
Signature: A. Lantieri		Date: 4.5.16	Signature:		Date:

BOREHOLE LOG				Page 3 of 9	
Well ID: C9550		Well Name: MA		Date: 4.5.16	
Project: 200-DV-1		Location: B4 Cr. 1/2 NW Corner			
Reference Measuring Point: Ground Surface					
Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
90.0				78.1-83.1: Sand (S) (100%) w. srt. v.f.-f. S. of 10% mafic/90% Qtz. felds. no vis. bed. mois 2.57 2/3 lt. olv. brn. no rxn HCl. trc. mica.	Sonic w/ 5' core 78.1-83.1 Core 8 B340V5 Driven 1.12.16
82.5				83.1-88.0: Sand S (100%) w. srt. f.-m. S. of 20% mafic/80% Qtz. felds. trc. mica. sprs. fn. layers (2.4 g thick) of v.f.-f. S. throughout. moist 2.57 2/3 lt. olv. brn. 5-10mm thick laminar bedding.	82.1-83.1: overdriven 83.2-88.2: Core 7 B340V7 Driven 1.13.16
85.0				e 84.5: faint 1/4" thick bed of fn. w. srt. S. color 2.57 5/4 lt. olv. brn. no rxn HCl.	
				e 84.2: 3mm thick silty sand layer w/ light & dark filamentous beds.	
87.0					87.7-88.2: overdriven.
				89.0-89.8: Sand S (100%) sub-ang. fn.-m. S. of 45% Qtz. felds./65% mafic. low compaction. no rxn w/ HCl slight moist 2.57 2/3 lt. olv. brn. sprs. mica. -sharp contact. bedding.	89.0-93.0: Core 10: B340V9 Drilled 1.13.16
90.0				99.8-93.0: Sand (S) (100%) ang-sub-ang. v.f.-f. S. of 45% Qtz. felds./65% mafic. no rxn w/ HCl, slight moist 2.57 2/3 lt. olv. brn. vfn. grading to fn. S. bed contains 2-3mm thick v.f.n. bedding of fn. tv. fn. S. sprs. mica.	
92.5					93.3-98.3: Core 11: B340W1 Drilled 1.13.16
				93.3-98.1: Sand S (100%) sub-ang. v.f.n.-m. S. 90% Qtz. felds./10% mafic. (v.w. srt.) 4-8mm thick layers w/ v.f.n. 1mm thick layers of v.f.n. Qtz. felds. 2% fn. mica + biotite, slight moist 2.57 2/3 lt. olv. brn. no rxn w/ HCl.	
95.0					
97.5				98.1-103.1: Sand S (100%) next pg.	98.1-103.1 Core 12: B340W3 Drilled 1.13.16
100.0					

Reported By: A. Lantz	Reviewed By:
Title: Geo. Tech.	Title:
Signature: A. Lantz	Date: 4.5.16
Signature:	Date:

BOREHOLE LOG

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Date: 4.5.16

Well ID: C9550

Well Name: NA

Location: BY Cribbs W. Corner

Project: DV-1

Reference Measuring Point: Ground Surface.

Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
100	B34T24 B34T25	100% #13	[Graphic Log]	98.1-103.1: Sand S. (100% S) mod.-pr. srt'd. down hole. m.-v.c. S. down coarsening of 60% Qtz fids./40% mafic. 5% sub. rdd. v.f.-f. pbl. of bsl at base of bed. dry 2.5Y 2/3 graysh brn. no rxn HCl. 100.8-103.1: Sand (100% S) mod. srt'd. m.-c. subang. S. 60% fcls./40% mafic. dry 2.5Y 2/3 H.olv. brn. no rxn HCl.	Sonic w/ 5' core 98.1-103.1: Core 12: B340W3 Drilled 1.13.16 Aliquot 100.8-101.8': 3.24.16 B34T24, B34T25
102.5				103.2-107.7: Sand S. (100% S) m.-v.c. ang. S. of 70% Qtz. fids./30% mafic abnt beds (1.5cm thick) of v.c.S. w/ 5% sub. ang. v.f.-f. pbl. of 90% mafic comp. beds are 1-1.5' apart slight moist 2.5Y 2/3 H.olv. brn. no rxn HCl. -graded contact	103.2-108.2 Core 13: B340W3 Drilled 1.13.16
105				• 107.7 - : Sand cont. gradually increasing occurrence of silt inter beds (1-3mm thick) spaced 1-2 cm apart. 2.5Y 2/3 graysh brn. w/ filaments of 2.5Y 7/8 pale brn. strong rxn w/ HCl. -may be relict of overdrive-	Detail photo @ 107.7-108.2
107.5				108.2-110.7: Sand S. (100% S) mod. srt'd. m.-v.c. subang. S. of 70% Qtz fids./30% mafic. moist. 2.5Y 2/3 H.olv. brn. sprs. 1cm thick layers containing v.c.s. subang. S. + trc. v.f.a. (H. no rxn HCl).	109.2-113.2 Core 14: B340W7 Drilled 1.13.16 Aliquot: 3.25.16 B34T26, B340W7
110	B34T26 B340W7	100% #14		110.7-113.2: Sand S. (100% S) v.w. srt'd. v.f.-m. S. of 90% Qtz 10% mafic moist 2.5Y 2/3 H.olv. brn. massive. no visible structure. @ sharp contact (110.7'): 3mm thick silt layer color 10YR 2/3 brn. mod. plastic. @ 110.9': filament of black carbon.	110.7: (72cm by 5, @ contact) (Ludlum 3 w/ Seam probe C14% Fe) 1.5cm by 0.5
112.5				113.0-118.0: Gravelly Sand (a S) (80% S, 20% G) pr. srt'd. ang. m.-v.c. S. of 50/50% mafic/felsic w/ sub ang. sub. rdd. v.f.-c. pbl. of 90% mafic/10% felsic comp. sprs. lng. biotite, muscovite. no bedding visible. 2.5Y 2/3 graysh brn. no rxn HCl.	113.0-118.0 Core 15: B340W9 Drilled 1.13.16
115					
117.5				118.0-123.0 Sand S. (100% S) ang. m.-v.c. S. mod. srt'd. of 50/50% mafic/felsic comp. no visible structure. 2.5Y 2/3 graysh brn. moist. no rxn w/ HCl. sprs. Fe staining. 2-4mm. patches.	118.0-123.0 Core 16: B340X1 Drilled: 1.13.16
120					

Reported By: A. Lantau

Reviewed By:

Title: Geo. Tech

Title:

Signature: A. Lantau

Date: 4.5.16

Signature:

Date:

BOREHOLE LOG

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Date: 4.5.16

Well ID: L9550

Well Name: NA

Location: BY Cribs NW Corner

Project: 200-DV-1

Reference Measuring Point: Ground Surface

Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
120				118.0-123.0: Sand S. (100% S.) ang. m.-v.c. S. mod. srt'd. of 50/50 mafic/felsic comp. no visible structure. 2.57% grayish brn. moist. no rxn w/HCl spres. Fe ⁺ staining, 2-4 mm patches.	Sonic w/ 5' core 118.0 - 123.0: Core 16: B340X1 Drilled 1.15.16
122.5				123.1-125.1: Gravelly Sand gS (90% S, 10% G) mod. srt'd. ang. m. S. v.c. S. of bimodal size comp. m.-c. Qtz & v.c. mafic S. w/ sub-rndd. v.f.-m. pbl. of 98% mafic/2% Qtz. slight moist. no rxn HCl. 2.57% grayish brn. sharp contact below. weathered contact.	123.1-128.1: Core 17: B340X3 Drilled 1.14.16 17 18 (Downward Coarsening)
125.0				125.1-126.0: Silt (M) interbeds. 1.5"-2" thick interbeds of silt. non plastic. high dilatency. stratified w/ crs. sand. moist 2.57% H. dk. brn. mod. rxn HCl. 1cm weathered horizon above below.	* no activity.
127.5				126-128.1: Sand (S) 100% mod. srt'd. m.-v.c. S. ang. of 75% Qtz fcls. / 25% mafic. no structure. moist. 2.57% grayish brn. no rxn w/HCl.	128.0-133.0: Core 18: B340X5 Drilled 1.14.16
130.0	B34T28 B34T29			128.0-130.3: Sand S. (100% S) mod. srt'd. m.-v.c. ang. S. of 70% Qtz fcls. 30% mafic. 2.57% grayish brn. no rxn HCl. 130.3-130.9: silty Sand m.S. (75% S, 25% m) pr. srt'd. v.f. S. w/ non plastic M. <5% v.c. ang. S. of silt. (coarsens down) to v.f. S. → m. S. f. lamina (1-2mm) dark silt present throughout.	Aliquot 3.24.16 130.5-129.5: B34T28, B34T29, B34T28
132.5				130.9-133.0: S-gravelly Sand (85% S, 15% G) mod. srt'd. C.-v.c. ang. S. of 60% mafic, 40% Qtz fcls. w/ sub-rndd. v.f.-c. pbl. of 90% silt, 10% felsic. Downward coarsening.	133.2-138.2: Core 19: B310X7 Drilled 1.14.16
135.0				133.2-136.1: Sand S. (gravelly Sand) (85% S, 15% G) gravells crudely stratified in 1/2"-3" beds. bimodal Sand: m.-c. ang. S. of 25% mafic/75% felsic & v.c. sub rndd S. of 75% silt/25% Qtz Gravel: mod. srt'd. beds w.f.-f. sub-ang G. of 95% silt/5% felsic. interspersed f.-c. pbl. of w. rndd. felsic (non basalt). ~5% black & 2.57% silt. dk. brn. no rxn HCl Dry.	
137.5				136.1-138.2: Sand S. (98% S, 2% G) mod. srt'd. m.-crs. S. of 50% mafic/50% felsic. down coarsening from m → crs. S. @ 136.5: C.-v.c. ang. S. bed. 50/50 mafic felsic.	137.2-138.2: overdrive 138-143.0: Core 20: B340 X9 Drilled 1.14.16 Next ps.

Reported By: A. Lantieri Reviewed By: _____

Title: Geo. Tech Title: _____

Signature: A. Lantieri Date: 4.5.16 Signature: _____ Date: _____

BOREHOLE LOG				Page 6 of 9	
Well ID: C9550		Well Name: NA		Location: B4 Cr. Bg NW Corner	
Project: 200-DV-1		Reference Measuring Point: Ground Surface.			
Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
140				138.2-143.0: gravelly Sand (GS) (85% S, 15% G) mod. srt'd. bimodal m.-c. ang. S. of 70% Qtz. fcls./30% maf. + v.c. subang. bslt. S. w/ w. srt'd. v.f. plb. of bslt. trc. c.pbl. of bslt. Dry 2.5Y ^{5/2} H. olv. brn. w/ black pebbles. no bedding. no rxn HCl.	Sonic w/ 5' core. 138.0-143.0: Core 20: B3410X7 Drilled 1.14.16
142.5				143.0- gravelly Sand (GS) (85% S, 15% G) mod. srt'd. overall w/ pr. srt'd. beds. 1.5-2" thick beds of GS m.-v.c. ang. S. of 50/50% mafic:felsic comp. w/ v.f.-f. plb. subang. dry 2.5Y ^{5/2} H. olv. brn. no rxn HCl. sprs. mod. mica.	142-143: overdriven 143-148: Core 21: B340Y1 Drilled 1.14.16
145				• 144.5: Coarse grain. pr. srt'd. int. bed. mafic dom. of crs.-v.c. S., v.f.-m. plb. • 146.5: 3" thick int. bed. crs. grain m. S.-c. plb. of 60% mafic/40% Qtz. fcls. sharp top contact. pot. top of bed.	
147.5					147-148: over driven + heated.
150				148.0-153.0: gravelly sand (GS) (80% S, 20% G) 1.5-2' beds mod-pr. srt'd. down coarsening; ang. m.-c. S. of 60% mafic 40% Qtz. fcls. w/ v.f.-c. plb. sub-rndt of 50% mafic/50% felsic. moist 2.5Y ^{5/2} H. olv. brn. no rxn HCl.	148.0-153.0: Core 22: B3410Y3 Drilled 1.18.16
152.5				• 148.6: 2" thick more coarse base of bed. max pebble 15mm. • 148.6-149.6: Down coarsening bed. max plb: m. plb. 20mm. • 149.6-151.7: pr. srt'd. down crs. bed. max: 32mm C. plb. • 151.7-153: Down crs. bed. max: f. plb. 32mm. pr. srt'd.	
155					152.5-153: overdrilled. Drilled 1.18.16
157.5				153-158.3: Gravelly Sand (GS) (90% S, 10% G) pr. srt'd. crs.-v.crs. S. of 50% mafic/50% felsic w/ sprs. v.f.-c. plb. of 40% mafic, 10% Qtz, int. Volcanics. sprs. 4mm clay clots. overall 2.5Y ^{5/2} H. olv. brn.	153.3-158.3: Core 23: B3410Y5 154-155.0 Aliquot: 3: 25/16 B34T30, B34T31 @154': 34 cfm by OR contact. (Lundun, Sacm Probe, 1/4" eff. TC-77) + 2 to spec 800 cfm by 1.0 in 4.5.16
160.0				• 155.1-155.6: Sand interbed (100% S) w. srt'd. crs. ang. Qtz. sand w/ trc. v.f. plb. of bslt. 2.5Y ^{5/2} H. olv. brn.	overdriven + heated 157.3-158.3
					158.0-163.0: Core 24: B3410Y7

Reported By: A. Linton	Reviewed By:
Title: Geo. Tech.	Title:
Signature: A. Linton	Date: 4.5.16
Signature:	Date:

BOREHOLE LOG

Page 7 of 9

Date: 4.5.16

Well ID: C9550

Well Name: NA

Location: BY Crib NW Corner

Project: 200-DV-1

Reference Measuring Point: Ground Surface

Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
160.0				158-163.0: gravelly Sand (gs) (85% S, 15% G) 1' thick graded bedding downward coarsening mod. srt. m.-c. S grading to m. srt. / fr. pbl. at base of beds. Sand: m.-v.c. avg. of 60% mafic / 40% felsic Qtz. Gravel: base of beds contain v.f. - f. pbl. of 95% bslt. / 5% Qtz <5% m. fr. pbl. sub-rnd. of 80% mafic / 20% felsic (int. vol. > meta.) 2.57% H. olv. brn. dry.	Sonic w/ 5' core 158-163.0: Core 24: B34077
162.5				163.1-167.0: Gravelly Sand (gs) (85% S, 15% G) 0.5-1' well graded beds of mod. srt. m.-v.c. avg. S. w/ 15% pbl. (fr. pbl.) grading to pr. srt. m. s. - v.f. pbl. of bslt. Sand: 20% mafic / 80% felsic Gravel: 80% bslt, 20% meta. felsic. interspersed (sprs.) m.-v.c. w. rnd. pbl. of meta. max 50mm. • 15.6: 4" thick bed sandy Gravel sG (75% G, 25% S) c.-v.c. avg. S. of 30% maf, 70% Qtz. w/ v.f.-v.c. rnd. pbl. of 80% bslt. / 20% felsic meta.	163.1-168.1: Core 25 B34079 Drilled 1.18.16 (overall dry 2.57% H. olv. brn) (no rxn HCl.) 167.2-168.1: overdriven.
165.0				167.6-167.8: pr. srt. coarse grain bed. Sandy Gravel sG (75% G, 25% S, <2% m) fr.-m. S. of 20% mafic, 80% felsic Qtz. w/ pr. srt. v.f. - v.c. w. rnd. pbl. max: 50mm. of 80% bslt. > and / 20% felsic meta. matrix: 2.57% H. olv. brn. / clasts: black. on top of bed. off clay alt. rocks. (st. weathering) mod. rxn w/ HCl.	167.2-168.1: overdriven.
167.5				168.0-173.0: gravelly Sand (gs) (85% S, 15% G) same as above (163-167) above 0.5-1.5' w. graded beds. trc. 3mm mica. • 171.0: 0.4" thick coarse bed. of med.-c. avg. S. (70% bslt, 30% felsic meta.) w/ fr.-c. pbl. of (80% pbl. / 20% felsic) max. 30mm. trc. carbon chips. • 172.1: 0.1" thick bed fr.-m. pbl. (90% mafic / 10% felsic) w/ trc. 5% clots of silt (2-3mm) 2.57% olv. yellow. 172.2 (coarse bed maybe base of & coarsening beds.) 173.2-174.4: gravelly Sand (gs) (15% G, 85% S) trc. m. pr. srt.	168.0-173.0: Core 26: B34101 Drilled: 1.18.16 (no rxn HCl.) 172.2-173.0: overdriven.
170.0				fr.-c. s. avg. S. w/ 5% v.c.s. sub-avg. S. of 15% mafic, 85% Qtz. f.l.s. w/ w. rnd. m. pbl. - sm. cbl. of 30% mafic / 70% felsic. w/ trc. lg mica. & trc. 2-4mm clots of mod. plastic 101% glush. brn. (overall color: 2.57% H. olv. brn.) prob. 1-3" thick downward coarsening beds. 2-4" thick base of beds contains up to 20% m.-c. pbl. of 70% bslt. no rxn HCl. sprs. sm. cbl. 70mm. trc. 3-21-16	173.2-176.2: Core 27: B34103 Drilled 1.18.16 Aliquot: 3-27-16 (175.5-176.5) B34132, B34135
172.5				• 172.4 - 178.2: pr. srt. v. fr.-v.c. S. bed. of same comp as above. w/ up to 5% m. contains 2-5mm. clots of mod. plastic m.	bottom 8" overdriven. 4" thick.
175.0				178.0-178.7: Next lg. at 4.5.16	178.0-183.0: Core 28: B34105 Drilled 1.19.16
177.5					
180.0					

Reported By: A. Lantau

Reviewed By:

Title: Geo. Tech.

Title:

Signature: A. Lantau

Date: 4.5.16

Signature:

Date:

BOREHOLE LOG

Page 8 of 9

Date: 4.5.16

Well ID: C9550

Well Name: NA

Location: BY cribs NW Corner

Project: 200-DV-1

Reference Measuring Point: Ground Surface

Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
180.0				178.0-178.7: Sandy silt/silty sand (50% m/50% s) non-plastic, v. low. dilatancy 2.5Y 4/6 oliv. brn. moist w/ v.f.-m.s. 4mm bedding. pat. slough. grades to gravelly sand. From 179.5-179.8. 178.6-178.8: 2" thick bed of v.c. pbl. oil stains on clasts. matrix black from pulverized bsht. clast.	Sonic w/ 5' core 178.0-180.3: Core 28: B34105 Drilled 1.19.16
182.5				178.8-180.0: gravelly sand gs (70% s, 10% g) v. pr. srt'd. bed. pat. & fining i.v.f.-v.c. subang. s. of 70% felsic/30% mafic w/ v.f.-v.c. pbl. v.w. rnd. of 80% bsht./20% felsic meta. & int. v.c. grad. grading to m. pbl. (down. fining).	181.7-183.0: overdriven, end of core tube compacted into core. 2" chips of liner in core. Temp registered 147.9
183.0				180-183: gravelly sand (gs) (90% s, 10% g) pr. srt'd. m.-v.c.s. subang. s. of 40% felsic/60% mafic w/ sp. s. v.w. rnd. m. pbl. of 40% felsic, 60% bsht. 2.5Y 5/3 lt. oliv. brn. moist. (bsht. > int. vol. > felsic meta.) @ 180.7: pat. rip up clast of palagonite w/ vesicular bsht. v. weathered. to saprolite. mottled multi color olive green, pink yellow, bright white.	
182.5				183.1-195.3: gravelly sand (gs) (70% s, 30% g) v.c. stratified & coarsening beds. 4-10" thick grading m.p. to m.s. w/ c. pbl. of 70% bsht./10% felsic meta. 4" beds grade from 100% m.s. to 70% m.-v.c.s./30% v.f.-f. pbl. of 75% bsht./5% felsic. (sand: 90% Qtz. f.l.s./10% mafic.) sp. s. w/ srt'd. m.-c. pbl. of 80% bsht./20% felsic meta. throughout. 2.5Y 5/3 lt. oliv. brn. moist. no rxn HCl.	183.1-188.1: core 29: B34107 Drilled 4.19.16 (183.1-183.6: pulverized from above overdrill)
183.0				183.1-188.1: gravelly sand gs (90% s, 20% g) mod. srt'd. bimodal: v.f.-c. subang. s. of 90% Qtz. f.l.s. w/ alc. subang. mafic s. gravel: v.f. pbl. of 70% bsht./10% Qtz. 2.5Y 5/3 lt. oliv. brn. moist. no rxn w/ HCl. massive - no vis. bedding.	* 187.1-188.1: overdrilled - pulverized
187.5				188.1-193.1: gravelly sand gs (90% s, 10% g) massive. no vis. bedding. v.f.-v.c. subang. s. of 60%-50% felsic, 50-60% mafic. mod. srt'd.-pr. srt'd. w/ sp. s. v.f.-m. pbl. of 90% bsht./10% felsic meta. (sub-rnd.) no vis. bedding. massive? moist 2.5Y 5/3 lt. oliv. brn. no rxn HCl.	188.1-193.1: Core 30: B34109 Drilled 1.19.16
190.0					181.1-181.3: pulverized from above overdrive.
192.5					192.5-193.1: over driven.
195.0				193.2-198.2: Next pg.	193.2-198.2: Core 31: B34111 193.2-194.3: Drilled Next pg.

Reported By: A. Lantieri

Reviewed By:

Title: Geo. Tech.

Title:

Signature: A. Lantieri

Date: 4.5.16

Signature:

Date:

BOREHOLE LOG

Page 90 of 91

Date: 4.5.16

Well ID: C9550

Well Name: N.A.

Location: B4 Cribs NW Corner

Project: 200-DV-1

Reference Measuring Point: Ground Surface

Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery		Group Name, Grain Size Distribution, Soil Classification, Color, Moisture Content, Sorting, Angularity, Mineralogy, Max Particle Size, Reaction to HCl	Depth of Casing, Drilling Method, Method of Driving Sampling Tool, Sampler Size, Water Level
195.0	B34T34 B34T35 (3.29.16)			193.2-194.3': Sand (100%) v.w. srt'd. v.f. -m. S of 95% felsic 5% mafic, 2.5% H. oliv. no rxn HCl. (pot. slough.)	Sonic w/ 5' core 193.2-198.2: Core 31: B34111
				194.3-195.3': silty sandy gravel mSG (70%g, 20%S, 10%M) v.p. srt'd. v.f.-v.c. S. of 70% felsic / 30% mafic w/ w. rrd.	Drilled 1-19-16 Aliquot: 194.0-196.0 (3.29.16)
197.5				v.f.-v.c. pl. of 90% bst, 20% felsic meta. w/ mod. plastic clayey silt. 2.5% grayish brn. no rxn HCl.	B34T34, B34T35
				195.3-198.2: slightly silty sandy gravel (m)SG (60-70%g, 40-30%g ≤5%M) mod. srt'd. & coarsening v.f.-v.c. any S of 80% Qtz 20% mafic w/ tars. v.f.-v.c. pl. of 60% felsic meta/40% bst.	overdriven 197.6-198.2'
197.5				overall ^{coarsen} From v.f. silty S. to C. Sandy Gravel. moist 10YR 5/4 yellowish brn. no rxn HCl. slight imbrication.	
				198.0-200.0': gravelly sandy Silt. gsm (50%g, 40%S, 20%g). unconfact, soft, non-plastic-low plastic	198.0-200.0' Core 32: B34113 Drilled 1-19-16
200.0	T.D.			silt colored 10YR 7/4 dark grayish brown, 2mm thick beds of v.f. sand colored. 10YR 4/4 dark yellowish brown. contains v.f.-c. sub-ang. S. of 80% Qtz. fbs/20% mafic + Gravel: ang. v.f.-m. pl. of bst. shards of metal + scale from drill pipe in top 2" of core.	

Reported By: <u>A. Lantau</u>	Reviewed By:
Title: <u>Geo. Tech.</u>	Title:
Signature: <u>[Signature]</u>	Date: <u>4.5.16</u>
Signature:	Date:

COLLECTOR: D.L. Floyd/CHPRC
 COMPANY CONTACT: TODAY, D
 TELEPHONE NO.: 376-6427
 PROJECT COORDINATOR: TODAY, D

F15-011-620 PAGE 1 OF 1
 PRICE CODE: C05
 DATA TURNAROUND: 7 Days / 7 Days

SAMPLING LOCATION: G9550, Core 1
 PROJECT DESIGNATION: 200-DV-1 Operable Unit Characterization of Waste Sites - Soil
 FIELD LOGBOOK NO.: HNF-N-507-33
 ACTUAL SAMPLE DEPTH: 43.7 to 48.7 ft
 SAF NO.: F15-011
 COA: 302632
 METHOD OF SHIPMENT: GOVERNMENT VEHICLE

ICE CHEST NO.:
 OFFSITE PROPERTY NO.: N/A
 BILL OF LADING/AIR BILL NO.: N/A

SHIPPED TO: Mobile Field Laboratory R J Lee
 W 603011

MATRIX*: A=Air, DL=Drum, Liquids, DS=Drum, Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegetation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/REMARKS: *Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL HANDLING AND/OR STORAGE: RADIATION-TO: B340T0 50 3/21/16

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	VOLUME	NO. OF CONTAINER(S)	TYPE OF CONTAINER	PRESERVATION	HOLDING TIME	SAMPLE ANALYSIS
B340T1	SOIL	DEC 17 2015	0500	350g	1	PVC CORE	Cool <=6C	6 Months	CORE SAMPLE PREP

CHAIN OF POSSESSION

SIGN/PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	TITLE
D.L. Floyd/CHPRC	DEC 17 2015	SSU #3	DEC 17 2015	TRVL-16-043
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
CHRIS FULTON	MAR 02 2016 0800	CHRIS FULTON	MAR 02 2016	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
CHRIS FULTON	MAR 02 2016 1025	TRVL-16-043 GROUP	MAR 02 2016	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME	

COLLECTOR
C.L. Foy/CHPRC

COMPANY CONTACT
TODAK, D

TELEPHONE NO.
376-6427

PROJECT COORDINATOR
TODAK, D

PRICE CODE
C05

DATA
TURNAROUND
7 Days / 7 Days

SAMPLING LOCATION
C9550, Core 3

PROJECT DESIGNATION
200-DV-1 Operable Unit Characterization of Waste Sites - Soil

SAF NO.
F15-011

AIR QUALITY

ICE CHEST NO.
1

FIELD LOGBOOK NO.
HNF-N-643 = 3/24

ACTUAL SAMPLE DEPTH
53.0 to 58.0 ft

COA
302632

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ORIGINAL

SHIPPED TO
Mobile Field Laboratory R5 Lee

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum
L=Liquids
DS=Drum
Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

PRESERVATION
Cool <-6C

HOLDING TIME
6 Months

TYPE OF CONTAINER
PVC CORE

NO. OF CONTAINER(S)
1

VOLUME
350g

SAMPLE ANALYSIS
CORE SAMPLE PREP

W6 B3011

SPECIAL HANDLING AND/OR STORAGE
KIDONKEMENT TO B3011
SL 1-11-16

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B34075	SOIL	JAN 11 2016	1335

May 19, 2016

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	TITLE	DATE/TIME
DL Foy/CHPRC	JAN 11 2016 1530	CHRIS FULSTON CHPRC	JAN 11 2016 1530	TRVL-16-043	
RELINQUISHED BY/REMOVED FROM SSU #3	MAR 02 2016 0800	CHRIS FULSTON CHPRC	MAR 02 2016 0800		
RELINQUISHED BY/REMOVED FROM CHPRC	MAR 02 2016 1025	CHRIS FULSTON CHPRC	MAR 02 2016 1025		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		

COLLECTOR DL Floyd/CHPRC

COMPANY CONTACT
TODAK, D

TELEPHONE NO.
376-6427

PROJECT COORDINATOR
TODAK, D

PRICE CODE C05

DATA TURNAROUND
7 Days / 7 Days

SAMPLING LOCATION

PROJECT DESIGNATION
200-DV-1 Operable Unit Characterization of Waste Sites - Soil

SAF NO.
F15-011

AIR QUALITY

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ICE CHEST NO.

FIELD LOGBOOK NO.
HNF-N-6475-3/24 58.0 63.0

COA
302632

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

ORIGINAL

Mobile Field Laboratory
21674
RS Lee

MATRIX*
A=Air
DL=Drum
L=Liquids
DS=Drum
Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

PRESERVATION
Cool < =6C

W603011

PRICE CODE C05

DATA TURNAROUND
7 Days / 7 Days

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

HOLDING TIME
6 Months

TYPE OF CONTAINER
PVC CORE

AIR QUALITY

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

NO. OF CONTAINER(S)
1

VOLUME
350g

SAMPLE ANALYSIS
CORE SAMPLE PREP

AIR QUALITY

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SPECIAL HANDLING AND/OR STORAGE
INACTIVE TO: B34076

SAMPLE NO. B34077

MATRIX* SOIL

SAMPLE DATE
JAN 11 2016

SAMPLE TIME
1432

May 19, 2016

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	TITLE	DATE/TIME
DL Floyd/CHPRC	JAN 11 2016 13:30	SSU #3	JAN 11 2016 13:30	TRVL-16-043	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
CHPRC	MAR 02 2016 0900	CHPRC	MAR 02 2016 0900		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
CHPRC	MAR 02 2016 1025	CHPRC	MAR 02 2016 1025		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		

COLLECTOR: E.L. Kauer/CHPRC
 COMPANY CONTACT: TODAY, D
 TELEPHONE NO.: 376-6427
 PROJECT COORDINATOR: TODAY, D

SAMPLING LOCATION: V-9550, Core 5
 PROJECT DESIGNATION: 200-DV-1 Operable Unit Characterization of Waste Sites - Soil
 FIELD LOGBOOK NO.: INF-N-507-33/2
 ACTUAL SAMPLE DEPTH: 63.2-68.2
 SAF NO.: F15-011
 PRICE CODE: C05
 AIR QUALITY: **7 Days / 7 Days**

ICE CHEST NO.:
 SHIPPED TO: *Mobile Flight Laboratory RJS Lee*
 OFFSITE PROPERTY NO.: *N/A*
 BILL OF LADING/AIR BILL NO.: *N/A*

MATRIX*: A=Air, DL=Drum, Liquids, DS=Drum, Solids, L=Liquid, O=Oil, S=Soil, SF=Sediment, T=Tissue, V=Vegetation, W=Water, WI=Wipe, X=Other
 POSSIBLE SAMPLE HAZARDS/REMARKS: *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.
 SPECIAL HANDLING AND/OR STORAGE: *RADIOACTIVE TO B34079 1myl. Bacon 1-12-16*

PRESERVATION: Cool <=6C
 HOLDING TIME: 6 Months
 TYPE OF CONTAINER: PVC CORE
 NO. OF CONTAINER(S): 1
 VOLUME: 350g
 SAMPLE ANALYSIS: CORE SAMPLE PREP

SAMPLE NO.: B34079
 MATRIX*: SOIL
 SAMPLE DATE: 1-12-16
 SAMPLE TIME: 0830

CHAIN OF POSSESSION	SIGN / PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	RECEIVED BY/STORED IN 550 #3	TRVL-16-043
DATE/TIME JAN 12 2016 1342	DATE/TIME JAN 12 2016 1342	
RELINQUISHED BY/REMOVED FROM <i>550 #3</i> CHRIS FULTON	RECEIVED BY/STORED IN CHRIS FULTON	
DATE/TIME MAR 02 2016 0800	DATE/TIME MAR 02 2016 0800	
RELINQUISHED BY/REMOVED FROM CHRIS FULTON	RECEIVED BY/STORED IN CHRIS FULTON	
DATE/TIME MAR 02 2016 1025	DATE/TIME MAR 02 2016 1025	
RELINQUISHED BY/REMOVED FROM CHRIS FULTON	RECEIVED BY/STORED IN CHRIS FULTON	
DATE/TIME MAR 02 2016 1025	DATE/TIME MAR 02 2016 1025	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
DATE/TIME	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
DATE/TIME	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
DATE/TIME	DATE/TIME	
LABORATORY SECTION	RECEIVED BY	TITLE
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY

COLLECTOR
E.L. Kauer/CHPRC

COMPANY CONTACT
TODAK, D
376-6427

PROJECT COORDINATOR
TODAK, D

PRICE CODE
C05

DATA
TURNAROUND
7 Days / 7 Days

SAMPLING LOCATION
C9550, Core 6

PROJECT DESIGNATION
200-DV-1 Operable Unit Characterization of Waste Sites - Soil

SAF NO.
F15-011

AIR QUALITY

ICE CHEST NO.
C9550, Core 6

FIELD LOGBOOK NO.
FINE-N-507-33/27

COA
302632

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ORIGINAL

SHIPPED TO
Mobile Field Laboratory
2-18-16

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

W603011

MATRIX*
A=Air
DL=Drum
Liquids
DS=Drum
Solids
L=Liquid
O=Oil
S=Soil
SF=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wire
X=Other

RS Lee

PRELIMINARY

W603011

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

PRESERVATION
Cool <-6C

HOLDING TIME
6 Months

TYPE OF CONTAINER
PVC CORE

NO. OF CONTAINER(S)
1

VOLUME
350g

SAMPLE ANALYSIS
CORE SAMPLE PREP

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TIE TO: B340V0

SAMPLE NO.
B340V1

MATRIX*
SOIL

SAMPLE DATE
1-12-16

SAMPLE TIME
0910

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS
TRVL-16-043

RELINQUISHED BY/REMOVED FROM
E.L. Kauer/CHPRC

DATE/TIME
JAN 12 2016 13:42

RECEIVED BY/STORED IN
SSU #3

DATE/TIME
JAN 12 2016 13:42

RELINQUISHED BY/REMOVED FROM
CHRIS FULTON/CHPRC

DATE/TIME
MAR 02 2016 0800

RECEIVED BY/STORED IN
CHRIS FULTON/CHPRC

DATE/TIME
MAR 02 2016 0800

RELINQUISHED BY/REMOVED FROM
CHRIS FULTON/CHPRC

DATE/TIME
MAR 02 2016 10:25

RECEIVED BY/STORED IN
T. RICE RILEE GROUP

DATE/TIME
MAR 02 2016 10:25

RELINQUISHED BY/REMOVED FROM

DATE/TIME

RECEIVED BY/STORED IN

DATE/TIME

RELINQUISHED BY/REMOVED FROM

DATE/TIME

RECEIVED BY/STORED IN

DATE/TIME

RELINQUISHED BY/REMOVED FROM

DATE/TIME

RECEIVED BY/STORED IN

DATE/TIME

LABORATORY SECTION

RECEIVED BY

TITLE

DATE/TIME

FINAL SAMPLE DISPOSITION

DISPOSAL METHOD

DISPOSED BY

DATE/TIME

May 19, 2016

COLLECTOR
E.L. Kauer/CHPRC

COMPANY CONTACT
TODAK, D

TELEPHONE NO.
376-6427

PROJECT COORDINATOR
TODAK, D

PRICE CODE C05

DATA TURNAROUND
7 Days / 7 Days

SAMPLING LOCATION
C9550, Core 7

PROJECT DESIGNATION
200-DV-1 Operable Unit Characterization of Waste Sites - Soil

SAF NO.
F15-011

AIR QUALITY

ICE CHEST NO.
Rev 1

FIELD LOGBOOK NO.
ENFN-507-33 / Pa 2
73.1-78.1

COA
302632

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ORIGINAL

SHIPPED TO

Mobile Field Laboratory
2752
RT Lee

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum
Liquids
DS=Drum
Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

PRESERVATION
Cool <=6C

HOLDING TIME
6 Months

TYPE OF CONTAINER
PVC CORE

NO. OF CONTAINER(S)
1

VOLUME
350g

SAMPLE ANALYSIS
CORE SAMPLE PREP

W603011

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B340V3	SOIL	1-12-16	10 25

SPECIAL HANDLING AND/OR STORAGE
REACTIVE TO B3402 1-12-16

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	TITLE	DATE/TIME
E.L. Kauer/CHPRC	JAN 12 2016 13:42	RECEIVED BY: STORED IN SSU #3	JAN 12 2016 15:42	TRVL-16-043	
RELINQUISHED BY/REMOVED FROM SSU #3	MAR 02 2016	RECEIVED BY: STORED IN CHPRC	MAR 02 2016		
RELINQUISHED BY/REMOVED FROM CHPRC	MAR 02 2016	RECEIVED BY: STORED IN Riff Rifle GROUP	MAR 02 2016		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		

May 19, 2016

COLLECTOR
E.L. Kauer/CHPRC

COMPANY CONTACT
TODAK, D

TELEPHONE NO.
376-6427

PROJECT COORDINATOR
TODAK, D

PRICE CODE
C05

DATA
TURNAROUND
7 Days / 7 Days

SAMPLING LOCATION
C9550, Core 8

PROJECT DESIGNATION
200-DV-1 Operable Unit Characterization of Waste Sites - Soil

SAF NO.
F15-011

AIR QUALITY

ICE CHEST NO.
Rev

FIELD LOGBOOK NO.
INPN-567-33

COA
302632

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ORIGINAL

SHIPPED TO

Mobile Field Laboratory
2-18-16 RS Lee

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*

A=Air
DL=Drum
Liquids
DS=Drum
Solids
L=Liquid
O=Oil
SF=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

PRESERVATION
Cool <=6C

HOLDING TIME
6 Months

NO. OF CONTAINER(S)
1

VOLUME
350g

SAMPLE ANALYSIS
CORE SAMPLE PREP

SPECIAL HANDLING AND/OR STORAGE

RADIOACTIVE TO B340V5
1-12-16

SAMPLE NO.

MATRIX*

SAMPLE DATE

SAMPLE TIME

B340V5

SOIL

1-12-16

12:15

May 19 2016

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM
E.L. Kauer/CHPRC

DATE/TIME
JAN 12 2016 13:42

RECEIVED BY/STORED IN
SSU 3

DATE/TIME
JAN 12 2016 13:42

TRVL-16-043

RELINQUISHED BY/REMOVED FROM
CHPRC

DATE/TIME
MAR 02 2016 0900

RECEIVED BY/STORED IN
CHPRC

DATE/TIME
MAR 02 2016 0900

RELINQUISHED BY/REMOVED FROM
CHPRC

DATE/TIME
MAR 02 2016 1025

RECEIVED BY/STORED IN
RICE RILEE GROUP

DATE/TIME
MAR 02 2016 1025

RELINQUISHED BY/REMOVED FROM

DATE/TIME

RECEIVED BY/STORED IN

DATE/TIME

LABORATORY SECTION

RECEIVED BY

TITLE

DATE/TIME

FINAL SAMPLE DISPOSITION

DISPOSAL METHOD

DISPOSED BY

DATE/TIME

COLLECTOR
E.L. Kauef/CHPRC

COMPANY CONTACT
TODAK, D
376-6427

PROJECT COORDINATOR
TODAK, D

F15-011-636

PRICE CODE
C05

DATA TURNAROUND
7 Days / 7 Days

SAMPLING LOCATION
C9550, Core 9

PROJECT DESIGNATION
200-DV-1 Operable Unit Characterization of Waste Sites - Soil

FIELD LOGBOOK NO.
ENF-N-567-33 Page 28

ACTUAL SAMPLE DEPTH
83.2-88.2 ft

SAF NO.
F15-011

AIR QUALITY

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ICE CHEST NO.

FIELD LOGBOOK NO.

COA
302632

BILL OF LADING/AIR BILL NO.
N/A

ORIGINAL

SHIPPED TO
Mobile Field Laboratory
RSL Lee

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum
Liquids
DS=Drum
Solids
L=Liquid
O=Oil
S=Soil
SF=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

PRESERVATION
Cool <-6C

HOLDING TIME
6 Months

TYPE OF CONTAINER
PVC CORE

NO. OF CONTAINER(S)
1

VOLUME
350g

SAMPLE ANALYSIS
CORE SAMPLE PREP

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TIE TO: BBNV/5/1/1/Burton
1-13-16

W603011

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B340V7	SOIL	1-13-16	0835

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS
TRVL-16-043

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
E.L. Kauef/CHPRC	JAN 13 2016 1300	SSU #3	JAN 13 2016 1300
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
SSU #3	MAR 02 2016 0900	CHPRC	MAR 02 2016 0900
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
CHPRC	MAR 02 2016 1025	PRICE RILEE GROUP	MAR 02 2016 1025
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME

May 19, 2016

COLLECTOR
E.L. Kauert/CHPRC

COMPANY CONTACT
TODAK, D

TELEPHONE NO.
376-6427

PROJECT COORDINATOR
TODAK, D

PRICE CODE C05
AIR QUALITY

DATA TURNAROUND
7 Days / 7 Days

SAMPLING LOCATION
C9550, Core 10

PROJECT DESIGNATION
200-DV-1 Operable Unit Characterization of Waste Sites - Soil

FIELD LOGBOOK NO.
FINE-N-507-33/Pg. 28

SAF NO. F15-011

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ORIGINAL

SHIPPED TO
Mobile Field Laboratory

OFFSITE PROPERTY NO.

ACTUAL SAMPLE DEPTH
88.0 - 93.0

COA 302632

BILL OF LADING/AIR BILL NO.

MATRIX*
A=Air
DL=Drum
Liquids
DS=Drum
Solids
L=Liquid
O=Oil
S=Sediment
SF=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

PRESERVATION Cool <=6C
HOLDING TIME 6 Months
TYPE OF CONTAINER PVC CORE
NO. OF CONTAINER(S) 1
VOLUME 350g

W603011

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE MATERIAL - B340V9
May L. Bacon 1-13-16

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B340V9	SOIL	1-13-16	0935

May 19, 2016

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	TITLE	DATE/TIME
E.L. Kauert/CHPRC	JAN 13 2016 15	RECEIVED BY/STORED IN SSU #3	JAN 13 2016 15	TRVL-16-043	
RELINQUISHED BY/REMOVED FROM CHRIS FULTON	MAR 02 2016 0900	RECEIVED BY/STORED IN CHRIS FULTON	MAR 02 2016 0900		
RELINQUISHED BY/REMOVED FROM CHRIS	MAR 02 2016 1025	RECEIVED BY/STORED IN IPLIFE/STREDD/NE GROUP	MAR 02 2016 1025		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		

COLLECTOR
E.L. Kauefer/CHPRC

COMPANY CONTACT
TODAK, D

TELEPHONE NO.
376-6427

PROJECT COORDINATOR
TODAK, D

PRICE CODE
C05

DATA TURNAROUND
7 Days / 7 Days

SAMPLING LOCATION
C9550, Core 11

PROJECT DESIGNATION
200-DV-1 Operable Unit Characterization of Waste Sites - Soil

FIELD LOGBOOK NO.
HNF-N-507-33/ page 28

ACTUAL SAMPLE DEPTH
93.3-98.3

SAF NO.
F15-011

AIR QUALITY

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ICE CHEST NO.
Rev 1

OFFSITE PROPERTY NO.
N/A

COA
302632

BILL OF LADING/AIR BILL NO.
N/A

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

SHIPPED TO
Mobile Field Laboratory
21816
R5 Lee

PRESERVATION
Cool <=6C

HOLDING TIME
6 Months

TYPE OF CONTAINER
PVC CORE

NO. OF CONTAINER(S)
1

VOLUME
350g

SAMPLE ANALYSIS
CORE SAMPLE PREP

MATRIX*
A=Air
DL=Drum
Liquids
DS=Drum
Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

Possible Sample Hazards/ Remarks
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TOXIC B340W1
1-13-16
Thy & Bacon

W603011

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B340W1	SOIL	1-13-16	1010

May 19, 2016

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM
E.L. Kauefer/CHPRC

DATE/TIME
JAN 13 2016 15

SIGN / PRINT NAMES
SSU #3

RECEIVED BY/STORED IN
SSU #3

DATE/TIME
JAN 13 2016 15

SPECIAL INSTRUCTIONS
TRVL-16-043

RELINQUISHED BY/REMOVED FROM
SSU #3

DATE/TIME
MAR 02 2016 1300

RECEIVED BY/STORED IN
CHPRC

DATE/TIME
MAR 02 2016 1300

RELINQUISHED BY/REMOVED FROM
CHRIS FULTON

DATE/TIME
MAR 02 2016 1410

RECEIVED BY/STORED IN
TRVL-16-043

DATE/TIME
MAR 02 2016 1410

RELINQUISHED BY/REMOVED FROM

DATE/TIME

RECEIVED BY/STORED IN

DATE/TIME

RELINQUISHED BY/REMOVED FROM

DATE/TIME

RECEIVED BY/STORED IN

DATE/TIME

RELINQUISHED BY/REMOVED FROM

DATE/TIME

RECEIVED BY/STORED IN

DATE/TIME

LABORATORY SECTION

RECEIVED BY

TITLE

DATE/TIME

FINAL SAMPLE DISPOSITION

DISPOSAL METHOD

DISPOSED BY

DATE/TIME

COLLECTOR: E.L. Kaueh/CHPRC
 COMPANY CONTACT: TODAY, D
 TELEPHONE NO.: 376-6427
 PROJECT COORDINATOR: TODAY, D

SAMPLING LOCATION: C9550, Core 12
 PROJECT DESIGNATION: 200-DV-1 Operable Unit Characterization of Waste Sites - Soil
 FIELD LOGBOOK NO.: FINE-N-507-33 / Page 28
 ACTUAL SAMPLE DEPTH: 98.1 - 103.1
 SAF NO.: F15-011
 AIR QUALITY:

ICE CHEST NO.:
 SHIPPED TO: Mobile Field Laboratory
 PRESERVATION: Cool <=6C
 HOLDING TIME: 6 Months
 TYPE OF CONTAINER: PVC CORE
 NO. OF CONTAINER(S): 1
 VOLUME: 350g
 CORE SAMPLE PREP:

MATRIX*: B340W3
 SOIL
 SAMPLE NO.: B340W3
 MATRIX*:
 SAMPLE DATE: 1-13-16
 SAMPLE TIME: 1050
 SPECIAL HANDLING AND/OR STORAGE: ~~HAZARDOUS TO B340W3~~
 SPECIAL HANDLING AND/OR STORAGE: Troy L. Bacon 1-13-16

POSSIBLE SAMPLE HAZARDS/REMARKS: *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.
 PRESERVATION: Cool <=6C
 HOLDING TIME: 6 Months
 TYPE OF CONTAINER: PVC CORE
 NO. OF CONTAINER(S): 1
 VOLUME: 350g
 CORE SAMPLE PREP:

RECEIVED BY/REMOVED FROM: E.L. Kaueh/CHPRC
 DATE/TIME: JAN 13 2016 1530
 RECEIVED BY/STORED IN: SSO #3
 DATE/TIME: JAN 13 2016 1530

RECEIVED BY/REMOVED FROM: CHRIS FULTON
 DATE/TIME: MAR 02 2016 1300
 RECEIVED BY/STORED IN: CHRIS FULTON/CHPRC
 DATE/TIME: MAR 02 2016 1300

RECEIVED BY/REMOVED FROM: CHRIS
 DATE/TIME: MAR 02 2016 1410
 RECEIVED BY/STORED IN: RECEIVED BY/STORED IN THE GROUP
 DATE/TIME: MAR 02 2016 1410

RECEIVED BY/REMOVED FROM: [Blank]
 DATE/TIME: [Blank]
 RECEIVED BY/STORED IN: [Blank]
 DATE/TIME: [Blank]

RECEIVED BY/REMOVED FROM: [Blank]
 DATE/TIME: [Blank]
 RECEIVED BY/STORED IN: [Blank]
 DATE/TIME: [Blank]

RECEIVED BY/REMOVED FROM: [Blank]
 DATE/TIME: [Blank]
 RECEIVED BY/STORED IN: [Blank]
 DATE/TIME: [Blank]

RECEIVED BY/REMOVED FROM: [Blank]
 DATE/TIME: [Blank]
 RECEIVED BY/STORED IN: [Blank]
 DATE/TIME: [Blank]

RECEIVED BY/REMOVED FROM: [Blank]
 DATE/TIME: [Blank]
 RECEIVED BY/STORED IN: [Blank]
 DATE/TIME: [Blank]

RECEIVED BY/REMOVED FROM: [Blank]
 DATE/TIME: [Blank]
 RECEIVED BY/STORED IN: [Blank]
 DATE/TIME: [Blank]

RECEIVED BY/REMOVED FROM: [Blank]
 DATE/TIME: [Blank]
 RECEIVED BY/STORED IN: [Blank]
 DATE/TIME: [Blank]

RECEIVED BY/REMOVED FROM: [Blank]
 DATE/TIME: [Blank]
 RECEIVED BY/STORED IN: [Blank]
 DATE/TIME: [Blank]

LABORATORY SECTION: [Blank]
 RECEIVED BY: [Blank]
 DATE/TIME: [Blank]

FINAL SAMPLE DISPOSITION: [Blank]
 DISPOSAL METHOD: [Blank]
 DATE/TIME: [Blank]

May 19, 2016

W603011

COLLECTOR
E.L. Kauef/CHPRC

COMPANY CONTACT
TODAK, D

TELEPHONE NO.
376-6427

PROJECT COORDINATOR
TODAK, D

PRICE CODE
C05

DATA
TURNAROUND
7 Days / 7 Days

SAMPLING LOCATION
G9550, Core 13

PROJECT DESIGNATION
200-DV-1 Operable Unit Characterization of Waste Sites - Soil

FIELD LOGBOOK NO.
HNF-N. 507-33 / Page 28 103.2 - 108.2 ft

SAF NO.
F15-011

AIR QUALITY

ICE CHEST NO.
Rev 1

OFFSITE PROPERTY NO.
N/A

ACTUAL SAMPLE DEPTH
302632

COA

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ORIGINAL

SHIPPED TO
Mobile Field Laboratory

RS Lee

W603011

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum
Liquids
DS=Drum
Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

PRESERVATION
Cool < =6C

W603011

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

HOLDING TIME
6 Months

W603011

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TO: B340W4
1-13-16

TYPE OF CONTAINER
PVC CORE

W603011

NO. OF CONTAINER(S)
1

VOLUME
350g

W603011

CORE SAMPLE PREP

SAMPLE ANALYSIS

W603011

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B340W5	SOIL	1-13-16	1225

May 19, 2016

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM
E.L. Kauef/CHPRC

DATE/TIME
JAN 13 2016 1330

RECEIVED BY/STORED IN
SSU #3

DATE/TIME
JAN 13 2016 1330

TRVL-16-043

RELINQUISHED BY/REMOVED FROM
CHPRC

DATE/TIME
MAR 02 2016 1330

RECEIVED BY/STORED IN
CHPRC

DATE/TIME
MAR 02 2016 1330

RELINQUISHED BY/REMOVED FROM
CHPRC

DATE/TIME
MAR 02 2016 1410

RECEIVED BY/STORED IN
RILEY RILEY GROUP

DATE/TIME
MAR 02 2016 1410

RELINQUISHED BY/REMOVED FROM

DATE/TIME

RECEIVED BY/STORED IN

DATE/TIME

LABORATORY SECTION

RECEIVED BY

TITLE

DATE/TIME

FINAL SAMPLE DISPOSITION

DISPOSAL METHOD

DISPOSED BY

DATE/TIME

COLLECTOR E.L. Kaufer/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE C05	DATA TURNAROUND 7 Days / 7 Days
SAMPLING LOCATION C9550, Core 14	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33	ACTUAL SAMPLE DEPTH 108.2-113.2 ft	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT GOVERNMENT VEHICLE
ICE CHEST NO.	OFFSITE PROPERTY NO.		BILL OF LADING/AIR BILL NO.		

Mobile Remediation Laboratory
 RECEIVED BY: *Chris Fulton*
 DATE/TIME: *1-13-16*

MATRIX*	POSSIBLE SAMPLE HAZARDS/ REMARKS	PRESERVATION	HOLDING TIME	TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other	*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.	Cool <=6C	6 Months	PVC CORE	1	350g	CORE SAMPLE PREP

SPECIAL HANDLING AND/OR STORAGE
 RADIOACTIVE TO - B346W6
 TRVL-16-043
 1-13-16

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B340W7	SOIL	1-13-16	1320

CHAIN OF POSSESSION	SIGN / PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kaufer/CHPRC DATE/TIME: JAN 13 2016 15:30	RECEIVED BY/STORED IN SSU #3 DATE/TIME: JAN 13 2016 15:30	TRVL-16-043
RELINQUISHED BY/REMOVED FROM <i>Chris Fulton</i> DATE/TIME: MAR 02 2016 1360	RECEIVED BY/STORED IN CHRIS FULTON CHPRC DATE/TIME: MAR 02 2016 1360	
RELINQUISHED BY/REMOVED FROM CHPRC DATE/TIME: MAR 02 2016 1410	RECEIVED BY/STORED IN DATE/TIME: MAR 02 2016 1410	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
LABORATORY SECTION	RECEIVED BY	TITLE
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY

COLLECTOR E.L. Kauer/CHPRC **COMPANY CONTACT** TODAY, D **TELEPHONE NO.** 376-6427 **PROJECT COORDINATOR** TODAY, D

SAMPLING LOCATION C9550, Core 15 **PROJECT DESIGNATION** 200-DV-1 Operable Unit Characterization of Waste Sites - Soil **SAF NO.** F15-011

ICE CHEST NO. **FIELD LOGBOOK NO.** **ACTUAL SAMPLE DEPTH** **COA** **METHOD OF SHIPMENT**

SHIPPED TO **OFFSITE PROPERTY NO.** **BILL OF LADING/AIR BILL NO.**

PRICE CODE C05 **AIR QUALITY** **TURNAROUND** 7 Days / 7 Days

ORIGINAL

Mobile Field Laboratory 25 Lee
 2-18-16
 N/A
 N/A

MATRIX*

PRESERVATION	Cool <=6C
HOLDING TIME	6 Months
TYPE OF CONTAINER	PVC CORE
NO. OF CONTAINER(S)	1
VOLUME	350g

SPECIAL HANDLING AND/OR STORAGE
 *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	CORE SAMPLE PREP?
B340W9	SOIL	1-13-16	1400	✓

May 19, 2016
 TROY L. BOYER 1-13-16
 W603011

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	SIGN/PRINT NAMES	SPECIAL INSTRUCTIONS
E.L. Kauer/CHPRC	JAN 13 2016 15:30	RECEIVED BY/STORED IN SSU #3	TRVL-16-043
RELINQUISHED BY/REMOVED FROM CHRIS FULTON	MAR 02 2016 1300	RECEIVED BY/STORED IN CHPRC	
RELINQUISHED BY/REMOVED FROM CHPRC	MAR 02 2016 1410	RECEIVED BY/STORED IN T. RICE RILEE GROUND	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	

LABORATORY SECTION RECEIVED BY TITLE DATE/TIME

FINAL SAMPLE DISPOSITION DISPOSAL METHOD DATE/TIME

PRINTED ON 12/9/2015 FSR ID = FSR11595 TRVL NUM = TRVL-16-043 A-6003-618 (REV 2)

COLLECTOR EL Kauer/CHPRC **COMPANY CONTACT** TODAK, D **TELEPHONE NO.** 376-6427 **PROJECT COORDINATOR** TODAK, D **PRICE CODE** C05 **DATA TURNAROUND** 7 Days / 7 Days

SAMPLING LOCATION C9550, Core 18 **PROJECT DESIGNATION** 200-DV-1 Operable Unit Characterization of Waste Sites - Soil **SAF NO.** F15-011 **AIR QUALITY** **METHOD OF SHIPMENT** GOVERNMENT VEHICLE **ORIGINAL**

ICE CHEST NO. C9550, Core 18 **FIELD LOGBOOK NO.** HNF-N-507-33.29 **ACTUAL SAMPLE DEPTH** 128.0/133.0 **COA** 302632 **BILL OF LADING/AIR BILL NO.** N/A

SHIPPED TO *Mobile Field Laboratory 2-18-16 RSLee*

MATRIX* POSSIBLE SAMPLE HAZARDS/ REMARKS
 A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other

PRESERVATION Cool <=6C
HOLDING TIME 6 Months
TYPE OF CONTAINER PVC CORE
NO. OF CONTAINER(S) 1
VOLUME 350g

SPECIAL HANDLING AND/OR STORAGE *NO DO NOT OPEN THE TOP-9340X4*
Tracyl Bacon 1-14-16

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	SAMPLE ANALYSIS
B340X5	SOIL	1-14-16	1000	CORE SAMPLE PREP; ✓

CHAIN OF POSSESSION **SIGN/ PRINT NAMES** **SPECIAL INSTRUCTIONS**

RELINQUISHED BY/REMOVED FROM *E.L. Kauer/CHPRC* **DATE/TIME** JAN 14 2016 1350 **RECEIVED BY/STORED IN** *SSV #3* **DATE/TIME** JAN 14 2016 1550

RELINQUISHED BY/REMOVED FROM *CHRIS P. STORP* **DATE/TIME** MAR 02 2016 1300 **RECEIVED BY/STORED IN** *CHRIS P. STORP* **DATE/TIME** MAR 02 2016 1300

RELINQUISHED BY/REMOVED FROM *CHRIS P. STORP* **DATE/TIME** MAR 02 2016 1410 **RECEIVED BY/STORED IN** *TRACYL BACON* **DATE/TIME** MAR 02 2016 1410

RELINQUISHED BY/REMOVED FROM _____ **DATE/TIME** _____ **RECEIVED BY/STORED IN** _____ **DATE/TIME** _____

RELINQUISHED BY/REMOVED FROM _____ **DATE/TIME** _____ **RECEIVED BY/STORED IN** _____ **DATE/TIME** _____

RELINQUISHED BY/REMOVED FROM _____ **DATE/TIME** _____ **RECEIVED BY/STORED IN** _____ **DATE/TIME** _____

RELINQUISHED BY/REMOVED FROM _____ **DATE/TIME** _____ **RECEIVED BY/STORED IN** _____ **DATE/TIME** _____

LABORATORY SECTION RECEIVED BY _____ **TITLE** _____ **DATE/TIME** _____

FINAL SAMPLE DISPOSITION DISPOSAL METHOD _____ **DISPOSED BY** _____ **DATE/TIME** _____

PRINTED ON 12/9/2015 FSR ID = FSR11598 TRVL NUM = TRVL-16-043 A-6003-618 (REV 2)

COLLECTOR: E.L. Kaiser/CHPRC
 COMPANY CONTACT: TODAK, D
 TELEPHONE NO.: 376-6427
 PROJECT COORDINATOR: TODAK, D
 PRICE CODE: C05
 DATA TURNAROUND: 7 Days / 7 Days

SAMPLING LOCATION: C9550, Core 19
 PROJECT DESIGNATION: 200-DV-1 Operable Unit Characterization of Waste Sites - Soil
 FIELD LOGBOOK NO.: HNF-A-507-33-29
 ACTUAL SAMPLE DEPTH: 133.2-138.2
 SAF NO.: F15-011
 AIR QUALITY:

ICE CHEST NO.:
 OFFSITE PROPERTY NO.:
 PRESERVATION: Cool < 6C
 HOLDING TIME: 6 Months
 TYPE OF CONTAINER: PVC CORE
 NO. OF CONTAINER(S): 1
 VOLUME: 350g
 SAMPLE ANALYSIS: CORE SAMPLE PREP

SHIPPED TO: Mobile Field Laboratory
 SPECIAL HANDLING AND/OR STORAGE: RADIOACTIVE-THE TO-B340X6
 TRACY L. BARSON 1-14-16

MATRIX*: A=Air, DL=Drum, Liquids, DS=Drum, Solids, L=Liquid, O=Oil, S=Soil, SF=Sediment, T=Tissue, V=Vegetation, W=Water, WI=Wipe, X=Other
 POSSIBLE SAMPLE HAZARDS/REMARKS: *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B340X7	SOIL	1-14-16	1040

CHAIN OF POSSESSION
 SIGN/PRINT NAMES
 SPECIAL INSTRUCTIONS: TRVL-16-043

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
EL Kaiser/CHPRC	MAR 02 2016 1330	CHRIS FULLSTON	MAR 02 2016 1300
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME

COLLECTOR
E.L. Kauer/CHPRC

COMPANY CONTACT
TODAK, D

TELEPHONE NO.
376-6427

PROJECT COORDINATOR
TODAK, D

PRICE CODE C05
AIR QUALITY

DATA TURNAROUND
7 Days / 7 Days

SAMPLING LOCATION

PROJECT DESIGNATION
200-DV-1 Operable Unit Characterization of Waste Sites - Soil

SAF NO.
F15-011

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ICE CHEST NO.
C9550, Core 20

FIELD LOGBOOK NO.
HNF-N-507-33-29

ACTUAL SAMPLE DEPTH
138.0 - 143.0

COA
302632

SHIPPED TO

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

ORIGINAL

Mobile Field Laboratory
2-18-16
RS Lee

N/A

N/A

W603011

MATRIX*
A=Air
DL=Drum
Liquids
DS=Drum
Solids
L=Liquid
O=Oil
S=Soil
SF=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

PRESERVATION Cool <=6C
HOLDING TIME 6 Months
TYPE OF CONTAINER PVC CORE
NO. OF CONTAINER(S) 1
VOLUME 350g

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TO: B340X9
Doyle, Barton 1-14-16

SAMPLE ANALYSIS
CORE SAMPLE PREP

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B340X9	SOIL	1-14-16	12/2

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	TITLE	DATE/TIME
E.L. Kauer/CHPRC	JAN 14 11:16:35	SSU #3	JAN 14 11:16:35	TRVL-16-043	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
SSU #3	3/2/16 1300	CHPRC	3/2/16 1300		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
CHRIS CHERC	3/2/16 1410	RILEE GROUP	3/2/16 1410		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	DISPOSED BY	DATE/TIME	DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD				

May 19, 2016

COLLECTOR E.L. Kauer/CHPRC **COMPANY CONTACT** TODAY, D **TELEPHONE NO.** 376-6427 **PROJECT COORDINATOR** TODAY, D **PRICE CODE** C05 **DATA TURNAROUND** 7 Days / 7 Days

SAMPLING LOCATION C9550, Core 21 **PROJECT DESIGNATION** 200-DV-1 Operable Unit Characterization of Waste Sites - Soil **ACTUAL SAMPLE DEPTH** 1430-148.0 ft **SAF NO.** F15-011 **AIR QUALITY** **METHOD OF SHIPMENT** GOVERNMENT VEHICLE **ORIGINAL**

ICE CHEST NO. C9550, Core 21 **FIELD LOGBOOK NO.** HNF-N-507-33.29 **OFFSITE PROPERTY NO.** N/A **COA** 302632 **BILL OF LADING/AIR BILL NO.** N/A

SHIPPED TO *Mobile Field Laboratory - RJS Lee* **PRESEVATION** Cool <=6C **W033011**

MATRIX* A=Air, DL=Drum, Liquids, DS=Drum, Solids, L=Liquid, O=Oil, S=Soil, SE=Sediment, T=Tissue, V=Vegetation, W=Water, WI=Wipe, X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIE TO: B340Y0 **SAMPLE ANALYSIS** CORE SAMPLE PREP

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	NO. OF CONTAINER(S)	VOLUME
B340Y1	SOIL	1-14-16	1307	1	350g

CHAIN OF POSSESSION	SIGN/ PRINT NAMES	SPECIAL INSTRUCTIONS
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC JAN 14 2016 1350	RECEIVED BY/STORED IN SSU #3 JAN 14 2016 1350	TRVL-16-043
RELINQUISHED BY/REMOVED FROM 3504#3 MAR 04 2016 0745	RECEIVED BY/STORED IN Frank Hall MAR 04 2016 0745	
RELINQUISHED BY/REMOVED FROM Frank Hall MAR 04 2016 0805	RECEIVED BY/STORED IN Kent Lee MAR 04 2016 0805	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	
RELINQUISHED BY/REMOVED FROM	RECEIVED BY/STORED IN	

LABORATORY SECTION RECEIVED BY: TITLE: DATE/TIME:

FINAL SAMPLE DISPOSITION DISPOSAL METHOD: DISPOSED BY: DATE/TIME:

PRINTED ON 12/9/2015 FSR ID = FSR11601 TRVL NUM = TRVL-16-043 A-6003-618 (REV 2)

May 19, 2016

COLLECTOR E.L. Kauer/CHPRC **COMPANY CONTACT** TODAY, D **TELEPHONE NO.** 376-6427 **PROJECT COORDINATOR** TODAY, D **PRICE CODE** C05 **DATA TURNAROUND** 7 Days / 7 Days

SAMPLING LOCATION C9550, Core 22 **PROJECT DESIGNATION** 200-DV-1 Operable Unit Characterization of Waste Sites - Soil **FIELD LOGBOOK NO.** HNF-A-507-33-36 **ACTUAL SAMPLE DEPTH** 148.6 - 153.0 ft **SAF NO.** F15-011 **AIR QUALITY** **METHOD OF SHIPMENT** GOVERNMENT VEHICLE **ORIGINAL**

ICE CHEST NO. N/A **OFFSITE PROPERTY NO.** N/A **BILL OF LADING/AIR BILL NO.** N/A

SHIPPED TO *Mobile Field Laboratory* **RS Lee** **W603011**

MATRIX*
 A=Air
 DL=Drum
 Liquids
 DS=Drum
 Solids
 L=Liquid
 O=Oil
 S=Soil
 SE=Sediment
 T=Tissue
 V=Vegetation
 W=Water
 WI=Wipe
 X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
 *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	PRESERVATION	HOLDING TIME	TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SPECIAL HANDLING AND/OR STORAGE	CORE SAMPLE PREP.
B340Y3	SOIL	1-18-16	0920	Cool <=6C	6 Months	PVC CORE	1	350g	<i>1-18-16</i>	✓

CHAIN OF POSSESSION **SIGN/ PRINT NAMES** **SPECIAL INSTRUCTIONS**
 TRVL-16-043

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	TITLE
E.L. Kauer/CHPRC	JAN 18 2016 0550	SSC #3	JAN 18 2016 1550	TRVL-16-043
<i>554#3</i>	MAR 04 2016 0745	Frank Hall	MAR 04 2016 0745	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
Frank Hall	MAR 04 2016 0809	Heineke	MAR 04 2016 0920	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	

May 19, 2016

COLLECTOR E.L. Kamen/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE C05	DATA TURNAROUND 7 Days / 7 Days
SAMPLING LOCATION C9550, Core 23	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-30	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>	METHOD OF SHIPMENT GOVERNMENT VEHICLE
ICE CHEST NO. N/A	FIELD LOGBOOK NO. HNF-N-507-33-30	ACTUAL SAMPLE DEPTH 153.3-158.3	COA 302632	METHOD OF SHIPMENT GOVERNMENT VEHICLE	
SHIPPED TO Mobile Field Laboratory 2-2-2016	OFFSITE PROPERTY NO. N/A	ACTUAL SAMPLE DEPTH 153.3-158.3	COA 302632	METHOD OF SHIPMENT GOVERNMENT VEHICLE	

SHIPPED TO Mobile Field Laboratory 2-2-2016 **RS Lee**

OFFSITE PROPERTY NO. N/A

BILL OF LADING/AIR BILL NO. N/A

MATRIX*
A=Air
DL=Drum
Liquids
DS=Drum
Solids
L=Liquid
O=Oil
S=Soil
SF=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

PRESERVATION Cool <=6C	HOLDING TIME 6 Months	NO. OF CONTAINER(S) 1	VOLUME 350g	SAMPLE ANALYSIS CORE SAMPLE PREP?
TYPE OF CONTAINER PVC CORE	NO. OF CONTAINER(S) 1	VOLUME 350g	SAMPLE ANALYSIS CORE SAMPLE PREP?	

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B340Y5	SOIL	1-18-16	1010	✓

SPECIAL HANDLING AND/OR STORAGE
~~RADIOACTIVE TO B340Y4~~
 TROY L. BARON 1-18-16

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM E.L. Kamen/CHPRC	DATE/TIME JAN 18 2016 1550	RECEIVED BY/STORED IN SSC	DATE/TIME JAN 18 2016 1550	TRVL-16-043	
RELINQUISHED BY/REMOVED FROM SSA #3	DATE/TIME MAR 04 2016 0745	RECEIVED BY/STORED IN Frank Hall	DATE/TIME MAR 04 2016 0745		
RELINQUISHED BY/REMOVED FROM Frank Hall	DATE/TIME MAR 04 2016 0800	RECEIVED BY/STORED IN Frank Hall	DATE/TIME MAR 04 2016 0800		
RELINQUISHED BY/REMOVED FROM CHPRC	DATE/TIME MAR 04 2016 0800	RECEIVED BY/STORED IN Frank Hall	DATE/TIME MAR 04 2016 0800		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		

COLLECTOR E.L. Kauer/CHPRC
COMPANY CONTACT TODAY, D
TELEPHONE NO. 376-6427
PROJECT COORDINATOR TODAY, D
PRICE CODE C05
DATA TURNAROUND 7 Days / 7 Days

SAMPLING LOCATION C9550, Core 24
PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil
SAF NO. F15-011
AIR QUALITY

ICE CHEST NO. N/A
FIELD LOGBOOK NO. HNF-N-507-33-30
ACTUAL SAMPLE DEPTH 158.0 - 163.0
COA 302632
METHOD OF SHIPMENT GOVERNMENT VEHICLE
ORIGINAL

SHIPPED TO Mobile Field Laboratory
OFFSITE PROPERTY NO. N/A
BILL OF LADING/AIR BILL NO. N/A

MATRIX*
 A=Air
 DL=Drum
 L=Liquids
 DS=Drum
 Solids
 L=Liquid
 O=Oil
 S=Soil
 SE=Sediment
 T=Tissue
 V=Vegetation
 W=Water
 WI=Wipe
 X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
 *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

PRESERVATION Cool <=6C
HOLDING TIME 6 Months
TYPE OF CONTAINER PVC CORE
NO. OF CONTAINER(S) 1
VOLUME 350g
SAMPLE ANALYSIS CORE SAMPLE PREP

SPECIAL HANDLING AND/OR STORAGE
 -RADIOACTIVE PER TO: B340Y6-
 -NOY L. Bacon
 1-18-16

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B340Y7	SOIL	1-18-16	1100

May 19, 2016

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	TRVL-16-043	
E.L. Kauer/CHPRC	JAN 18 2016 1550	SSU #3	JAN 18 2016 1550		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
SSU #3	MAR 04 2016 0745	Frank Hall	MAR 04 2016 0745		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
Frank Hall	MAR 04 2016 0745	RECEIVED BY/STORED IN	MAR 04 2016 0745		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
CHPRC	MAR 04 2016 0745	RECEIVED BY/STORED IN	MAR 04 2016 0745		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		

COLLECTOR E.L. Kauw/CHPRC **COMPANY CONTACT** TODAY, D **TELEPHONE NO.** 376-6427 **PROJECT COORDINATOR** TODAY, D **PRICE CODE** C05 **DATA TURNAROUND** 7 Days / 7 Days

SAMPLING LOCATION C9550, Core 25 **PROJECT DESIGNATION** 200-DV-1 Operable Unit Characterization of Waste Sites - Soil **SAF NO.** F15-011 **AIR QUALITY** **METHOD OF SHIPMENT** GOVERNMENT VEHICLE **ORIGINAL**

ICE CHEST NO. **FIELD LOGBOOK NO.** HNF-N-507-33-30 **ACTUAL SAMPLE DEPTH** 163.1-168.1 **COA** 302632 **BILL OF LADING/AIR BILL NO.** **ORIGINAL**

SHIPPED TO **OFFSITE PROPERTY NO.** **W032011**

MATRIX* **PRESERVATION** Cool <=6C **W032011**

POSSIBLE SAMPLE HAZARDS/ REMARKS *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1. **HOLDING TIME** 6 Months **NO. OF CONTAINER(S)** 1 **VOLUME** 350g **SAMPLE ANALYSIS** **CORE SAMPLE PREP?**

SPECIAL HANDLING AND/OR STORAGE **SAMPLE NO.** B340Y9 **MATRIX*** SOIL **SAMPLE DATE** 1-18-16 **SAMPLE TIME** 1250 **DATE/TIME** JAN 18 2016 1550

CHAIN OF POSSESSION **SIGN/ PRINT NAMES** **SPECIAL INSTRUCTIONS** TRVL-16-043

RELINQUISHED BY/REMOVED FROM E.L. Kauw/CHPRC **DATE/TIME** JAN 18 2016 1550 **RECEIVED BY/STORED IN** **DATE/TIME** JAN 18 2016 1550

RELINQUISHED BY/REMOVED FROM **DATE/TIME** **RECEIVED BY/STORED IN** **DATE/TIME**

RELINQUISHED BY/REMOVED FROM **DATE/TIME** **RECEIVED BY/STORED IN** **DATE/TIME**

LABORATORY SECTION **RECEIVED BY** **TITLE** **DISPOSED BY** **DATE/TIME**

COLLECTOR E.L. Kauer/CHRC **COMPANY CONTACT** TODAY, D **TELEPHONE NO.** 376-6427 **PROJECT COORDINATOR** TODAY, D **PRICE CODE** C05 **DATA TURNAROUND** 7 Days / 7 Days

SAMPLING LOCATION C9550, Core 26 **PROJECT DESIGNATION** 200-DV-1 Operable Unit Characterization of Waste Sites - Soil **SAF NO.** F15-011 **AIR QUALITY** **METHOD OF SHIPMENT** **GOVERNMENT VEHICLE**

ICE CHEST NO. N/A **FIELD LOGBOOK NO.** HNF-N-507-33.30 **ACTUAL SAMPLE DEPTH** 168.0-173.0 **COA** 302632 **ORIGINAL**

SHIPPED TO Mobile Field Laboratory **RS Lee** **OFFSITE PROPERTY NO.** N/A **BILL OF LADING/AIR BILL NO.** N/A

MATRIX* A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1

PRESERVATION Cool <=6C **HOLDING TIME** 6 Months **TYPE OF CONTAINER** PVC CORE **NO. OF CONTAINER(S)** 1 **VOLUME** 350g **SPECIAL HANDLING AND/OR STORAGE** RADIOACTIVE - F15-011-670

SAMPLE NO. B34101 **MATRIX*** SOIL **SAMPLE DATE** 1-18-16 **SAMPLE TIME** 1410 **CORE SAMPLE PREP:** ✓

CHAIN OF POSSESSION **SIGN/ PRINT NAMES** **SPECIAL INSTRUCTIONS** TRVL-16-043

RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHRC **DATE/TIME** JAN 18 2016 1550 **RECEIVED BY/STORED IN** SSU #3 **DATE/TIME** JAN 18 2016 1550

RELINQUISHED BY/REMOVED FROM SSU #3 **DATE/TIME** MAR 04 2016 0745 **RECEIVED BY/STORED IN** Frank Hall CHRC **DATE/TIME** MAR 04 2016 0745

RELINQUISHED BY/REMOVED FROM Frank Hall CHRC **DATE/TIME** MAR 04 2016 0800 **RECEIVED BY/STORED IN** Peter Hugo **DATE/TIME** MAR 04 2016 0800

RELINQUISHED BY/REMOVED FROM **DATE/TIME** **RECEIVED BY/STORED IN** **DATE/TIME**

LABORATORY SECTION **RECEIVED BY** **TITLE** **DATE/TIME**

FINAL SAMPLE DISPOSITION **DISPOSAL METHOD** **DISPOSED BY** **DATE/TIME**

May 19, 2016

COLLECTOR E.L. Kauer/CHPRC **COMPANY CONTACT** TODAY, D **TELEPHONE NO.** 376-6427 **PROJECT COORDINATOR** TODAY, D **PRICE CODE** C05 **DATA TURNAROUND** 7 Days / 7 Days

SAMPLING LOCATION C9550, Core 27 **PROJECT DESIGNATION** 200-DV-1 Operable Unit Characterization of Waste Sites - Soil **ACTUAL SAMPLE DEPTH** 173.2 - 178.2 **COA** 302632 **METHOD OF SHIPMENT** GOVERNMENT VEHICLE **ORIGINAL**

ICE CHEST NO. N/A **FIELD LOGBOOK NO.** HNF-N-507-33.30 **OFFSITE PROPERTY NO.** N/A **BILL OF LADING/AIR BILL NO.** N/A

SHIPPED TO *Right Field Laboratory* **RS Lee **W0301****

MATRIX* A=Air DL=Drum Liquids DS=Drum Solids L=Liquid O=Oil S=Soil SE=Sediment T=Tissue V=Vegetation W=Water WI=Wipe X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TO 934102 **SAMPLE ANALYSIS** CORE SAMPLE PREP

SAMPLE NO. B34103 **MATRIX*** SOIL **SAMPLE DATE** 1-18-16 **SAMPLE TIME** 1515 **CORE SAMPLE PREP** ✓

May 19, 2016

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	TRVL-16-043	
E.L. Kauer/CHPRC	JAN 18 2016	SSV #3	JAN 18 2016		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
SSU #3	MAR 04 2016 0145	Frank Hall	MAR 04 2016 0745		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
Frank Hall CHPRC	MAR 04 2016 09.11	Ken Jank	MAR 04 2016 09.11		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		

COLLECTOR
E.L. Kauer/CHPRC

COMPANY CONTACT
TODAK, D

TELEPHONE NO.
376-6427

PROJECT COORDINATOR
TODAK, D

PRICE CODE
COS

DATA
TURNAROUND
7 Days / 7 Days

SAMPLING LOCATION
C9550, Core 28

PROJECT DESIGNATION
200-DV-1 Operable Unit Characterization of Waste Sites - Soil

SAF NO.
F15-011

AIR QUALITY

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ICE CHEST NO.

FIELD LOGBOOK NO.
HNF-N507-33-31

ACTUAL SAMPLE DEPTH
178.0-183.0 ft

COA
302632

BILL OF LADING/AIR BILL NO.

ORIGINAL

SHIPPED TO
Mobile Field Laboratory

OFFSITE PROPERTY NO.

N/A

W1003011

N/A

Matrix*
A=Air
DL=Drum
Liquids
DS=Drum
Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

PRESERVATION
Cool <=6C

HOLDING TIME
6 Months

TYPE OF CONTAINER
PVC CORE

NO. OF CONTAINER(S)
1

VOLUME
350g

SPECIAL HANDLING AND/OR STORAGE
#ADJACENT TO THE TO-834104
MAY 19 2016

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	DATE/TIME
B34105	SOIL	1-19-16	0830	✓

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	TITLE	DATE/TIME
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	JAN 19 2016	RECEIVED BY/STORED IN SSU #3	JAN 19 2016	TRVL-16-043	
RELINQUISHED BY/REMOVED FROM SSU #3	MAR 04 2016 0745	RECEIVED BY/STORED IN Frank Hall CHPRC	MAR 04 2016 0745		
RELINQUISHED BY/REMOVED FROM Frank Hall CHPRC	MAR 04 2016 0810	RECEIVED BY/STORED IN Frank Hall CHPRC	MAR 04 2016 0810		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		

COLLECTOR
E.L. Kaufer/CHPRC

COMPANY CONTACT
TODAK, D

TELEPHONE NO.
376-6427

PROJECT COORDINATOR
TODAK, D

PRICE CODE C05
AIR QUALITY

DATA TURNAROUND
7 Days / 7 Days

SAMPLING LOCATION
C9550, Core 29

PROJECT DESIGNATION
200-DV-1 Operable Unit Characterization of Waste Sites - Soil

SAF NO.
F15-011

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ICE CHEST NO.
N/A

FIELD LOGBOOK NO.
HNE -N-607-33-31

ACTUAL SAMPLE DEPTH
183.1 - 188.1

COA
302632

ORIGINAL

SHIPPED TO
R J Lee
Mojito Field Laboratory

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

MATRIX*
A=Air
DL=Drum Liquids
DS=Drum Solids
L=Liquid
O=Oil
S=Soil
SE=Sediment
T=Tissue
V=Vegetation
W=Water
WI=Wipe
X=Other

PRESERVATION
Cool <=6C

W003011

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

HOLDING TIME 6 Months
TYPE OF CONTAINER PVC CORE
NO. OF CONTAINER(S) 1
VOLUME 350g

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE-TITLE TO: 934406

SAMPLE ANALYSIS
CORE SAMPLE PREP

SAMPLE NO.	SOIL	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B34107			1-19-16	0940	✓

May 19, 2016

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	TITLE	DATE/TIME
E.L. Kaufer/CHPRC	JAN 19 2016 1420	SSU #3	JAN 19 2016 1420	TRVL-16-043	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
SSU #3	MAR 04 2016 0745	Frank Hall	MAR 04 2016 0745		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
Frank Hall	MAR 04 2016 0810	CHPRC	MAR 04 2016 0810		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		

COLLECTOR E.L. Kauert/CHPRC
COMPANY CONTACT TODAY, D 376-6427
PROJECT COORDINATOR TODAY, D
PRICE CODE C05
DATA TURNAROUND 7 Days / 7 Days

SAMPLING LOCATION C9550, Core 30
PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil
SAF NO. F15-011
AIR QUALITY
METHOD OF SHIPMENT GOVERNMENT VEHICLE

ICE CHEST NO. N/A
FIELD LOGBOOK NO. HNF-N-507-33-31
ACTUAL SAMPLE DEPTH 188.1 - 193.1
COA 302632
BILL OF LADING/AIR BILL NO. N/A

SHIPPED TO RT Lee
OFFSITE PROPERTY NO. N/A
W603011
ORIGINAL

MATRIX*
 A=Air
 DL=Drum
 L=Liquid
 DS=Drum
 Solids
 L=Liquid
 O=Oil
 S=Soil
 SE=Sediment
 T=Tissue
 V=Vegetation
 W=Water
 WI=Wipe
 X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
 *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/LATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

PRESERVATION	Cool <=6C
HOLDING TIME	6 Months
TYPE OF CONTAINER	PVC CORE
NO. OF CONTAINER(S)	1
VOLUME	350g
SAMPLE ANALYSIS	CORE SAMPLE PREP.

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B34109	SOIL	1-19-16	10 40

CHAIN OF POSSESSION SIGN/ PRINT NAMES

REMOVED FROM E.L. Kauert/CHPRC
DATE/TIME JAN 19 2016 14:00
RECEIVED BY/STORED IN SSU #3
DATE/TIME JAN 19 2016 14:00

REMOVED FROM SSU #3
DATE/TIME MAR 04 2016 0745
RECEIVED BY/STORED IN Frank Hall CHPRC
DATE/TIME MAR 04 2016 0745

REMOVED FROM Frank Hall CHPRC
DATE/TIME MAR 04 2016 08:11
RECEIVED BY/STORED IN Frank Hall
DATE/TIME MAR 04 2016 08:11

REMOVED FROM
DATE/TIME
RECEIVED BY/STORED IN
DATE/TIME

LABORATORY SECTION RECEIVED BY
FINAL SAMPLE DISPOSITION DISPOSAL METHOD

TITLE
DISPOSED BY

DATE/TIME
DATE/TIME

COLLECTOR E.L. Kauert/CHPRC	COMPANY CONTACT TODAK, D	TELEPHONE NO. 376-6427	PROJECT COORDINATOR TODAK, D	PRICE CODE C05	DATA TURNAROUND 7 Days / 7 Days
SAMPLING LOCATION C9550, Core 31	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-31	ACTUAL SAMPLE DEPTH 193.2-198.2	SAF NO. F15-011	METHOD OF SHIPMENT GOVERNMENT VEHICLE
ICE CHEST NO. N/A	OFFSITE PROPERTY NO. N/A	COA 302632	BILL OF LADING/AIR BILL NO. N/A	ORIGINAL	

SHIPPED TO **RS Lee**
 Mobile Field Laboratory
 2-18-16

MATRIX*
 A=Air
 DL=Drum
 Liquids
 DS=Drum
 Solids
 L=Liquid
 O=Oil
 S=Soil
 SE=Sediment
 T=Tissue
 V=Vegetation
 W=Water
 WI=Wipe
 X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
 *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/ATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TIE TO: B34110	PRESERVATION Cool <=6C	HOLDING TIME 6 Months	NO. OF CONTAINER(S) 1	VOLUME 350g	CORE SAMPLE PREP
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SAMPLE NO. B34111	MATRIX* SOIL	SAMPLE DATE 1-19-16	SAMPLE TIME 1240	DATE/TIME JAN 19 2016 1410	RECEIVED BY/STORED IN SSU #3
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CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS TRVL-16-043	
RELINQUISHED BY/REMOVED FROM E.L. Kauert/CHPRC	DATE/TIME JAN 19 2016 1410	RECEIVED BY/STORED IN SSU #3	DATE/TIME JAN 19 2016 1410		
RELINQUISHED BY/REMOVED FROM SSU #3	DATE/TIME MAR 04 2016 0745	RECEIVED BY/STORED IN Frank Hall	DATE/TIME MAR 04 2016 0745		
RELINQUISHED BY/REMOVED FROM Frank Hall	DATE/TIME MAR 04 2016 0711	RECEIVED BY/STORED IN Frank Hall	DATE/TIME MAR 04 2016 0711		
RELINQUISHED BY/REMOVED FROM CHPRC	DATE/TIME MAR 04 2016 0711	RECEIVED BY/STORED IN Frank Hall	DATE/TIME MAR 04 2016 0711		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		

May 19, 2016

COLLECTOR E.L. Kauner/CHPRC
COMPANY CONTACT TODAY, D
TELEPHONE NO. 376-6427
PROJECT COORDINATOR TODAY, D
PRICE CODE C05
DATA TURNAROUND 7 Days / 7 Days

SAMPLING LOCATION C9550, Core 32
PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil
FIELD LOGBOOK NO. HNF-N-507-33-31
ACTUAL SAMPLE DEPTH 198.0 - 200.0 ft
COA 302632
METHOD OF SHIPMENT GOVERNMENT VEHICLE

ICE CHEST NO. N/A
OFFSITE PROPERTY NO. N/A
BILL OF LADING/AIR BILL NO. N/A

REVISED TO RS Lee
DATE 1-19-16
REVISIONS 2-18-16

MATRIX*
 A=Air
 DL=Drum
 L=Liquid
 DS=Drum
 Solids
 L=Liquid
 O=Oil
 S=Soil
 SE=Sediment
 T=Tissue
 V=Vegetation
 W=Water
 WI=Wipe
 X=Other

POSSIBLE SAMPLE HAZARDS/ REMARKS
 *Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/JATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

PRESERVATION Cool <=6C
HOLDING TIME 6 Months
TYPE OF CONTAINER PVC CORE
NO. OF CONTAINER(S) 1
VOLUME 350g
SAMPLE ANALYSIS CORE SAMPLE PREP

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B34113	SOIL	1-19-16	1310

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	TITLE	DATE/TIME
RELINQUISHED BY/REMOVED FROM E.L. Kauner/CHPRC	JAN 19 2016 1420	RECEIVED BY/STORED IN SSU # 3	JAN 19 2016 1420	TRVL-16-043	
RELINQUISHED BY/REMOVED FROM SSU # 3	MAR 04 2016 0745	RECEIVED BY/STORED IN Frank Hall	MAR 04 2016 0745		
RELINQUISHED BY/REMOVED FROM Frank Hall CHPRC	MAR 04 2016 0810	RECEIVED BY/STORED IN Ken Hill	MAR 04 2016 0810		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		

Problem and Discrepancy Report

RJLee

SDG W603011

05/05/16

The data package has the following issues:

The table on page one of the case narrative has left out cores 1-13.

Resolution: *Revise narrative to include all cores in the table.*

Lab Response:

Please correct the issue and resubmit the hard copy data package.