

April 14, 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. 0

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.

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.

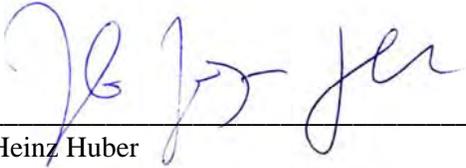
The CHPRC sample, in SDG # W603011, has been assigned a PBS Geotechnical Lab Sample number per the below table.

CHPRC Sample #	SDG #
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
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

04/14/2016

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

April 14, 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	-	-

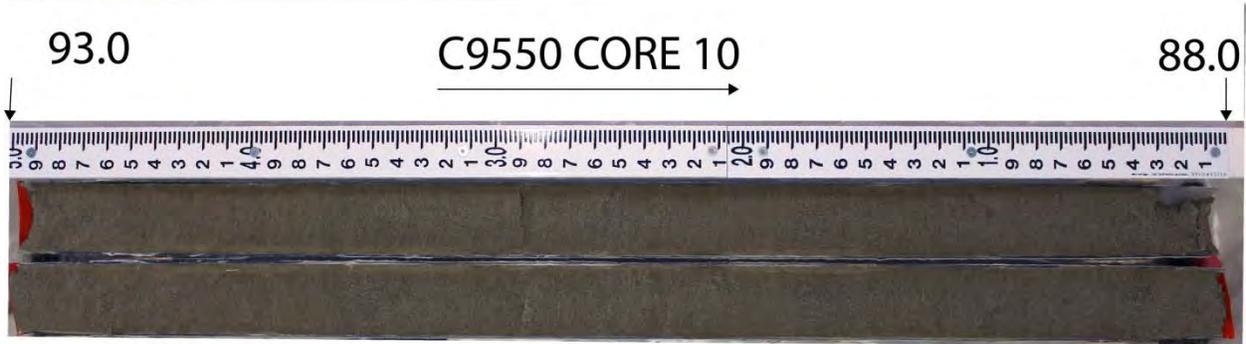
400 Bradley Boulevard, Suite 300, Richland, WA 99352
509.942.1600 Main
866.727.0140 Fax
www.pbsenv.com

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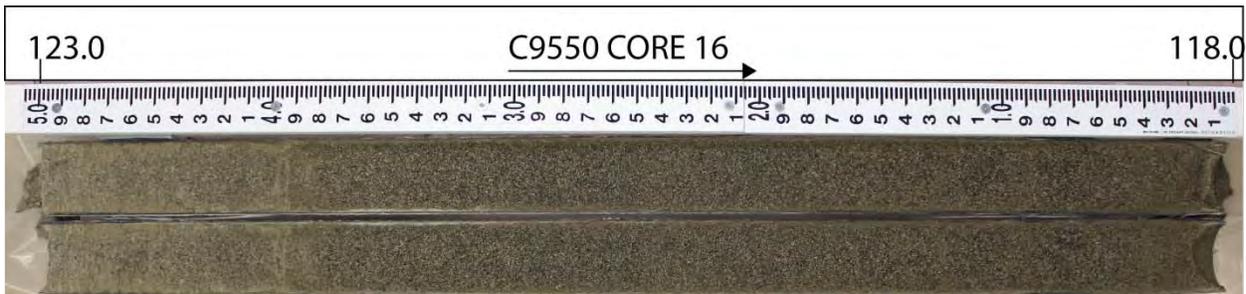
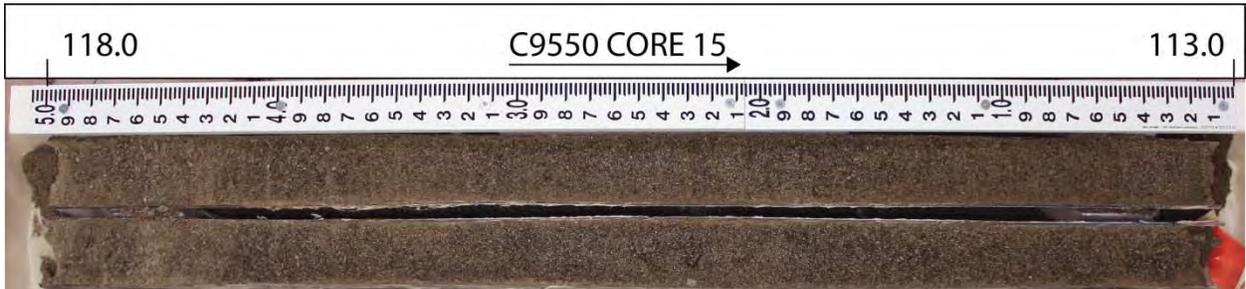
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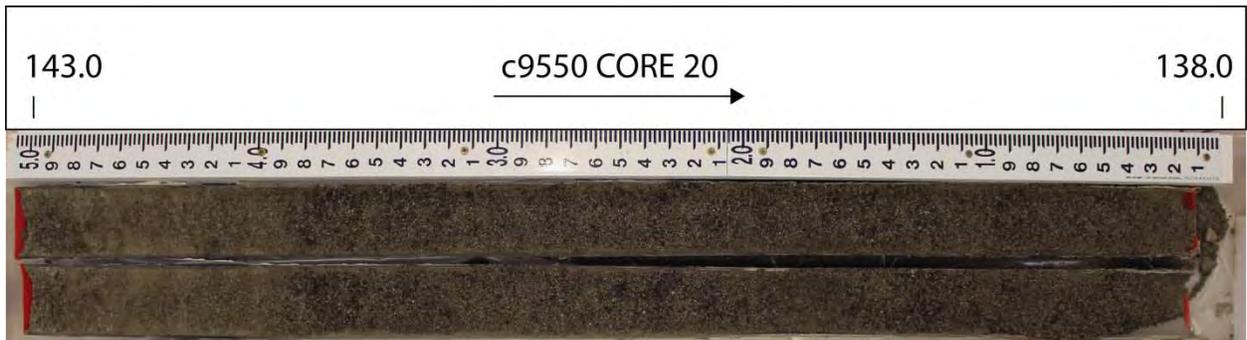
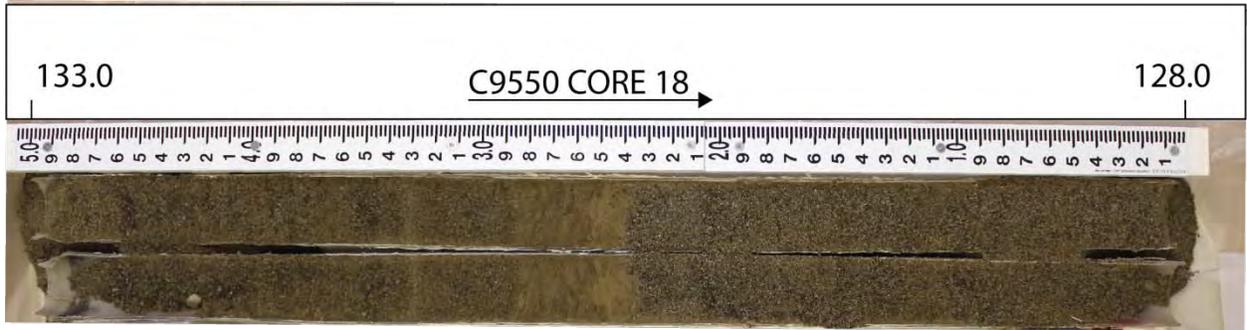


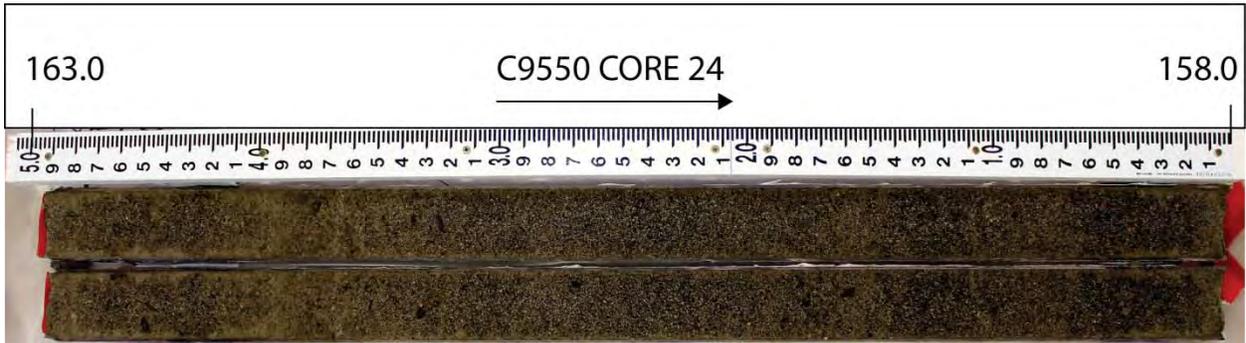
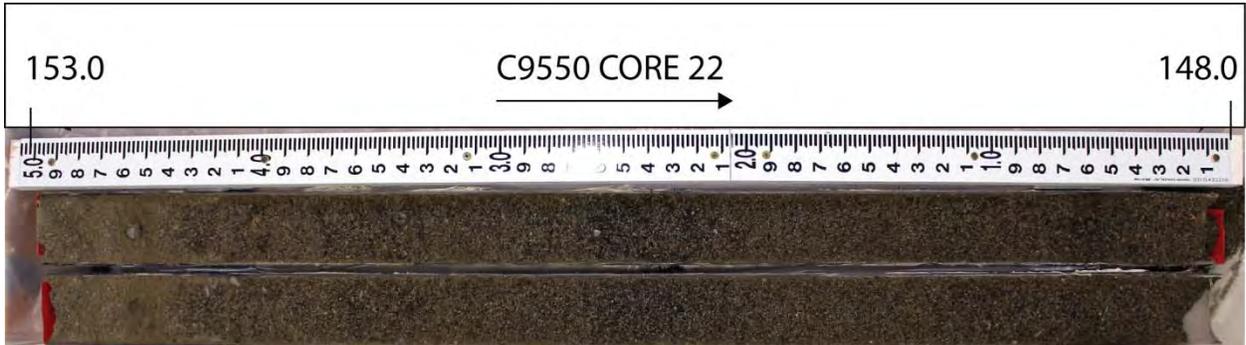
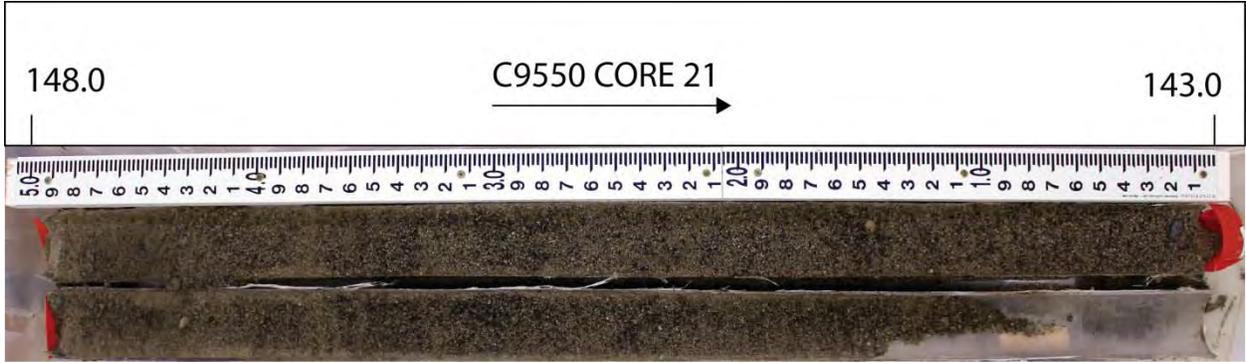


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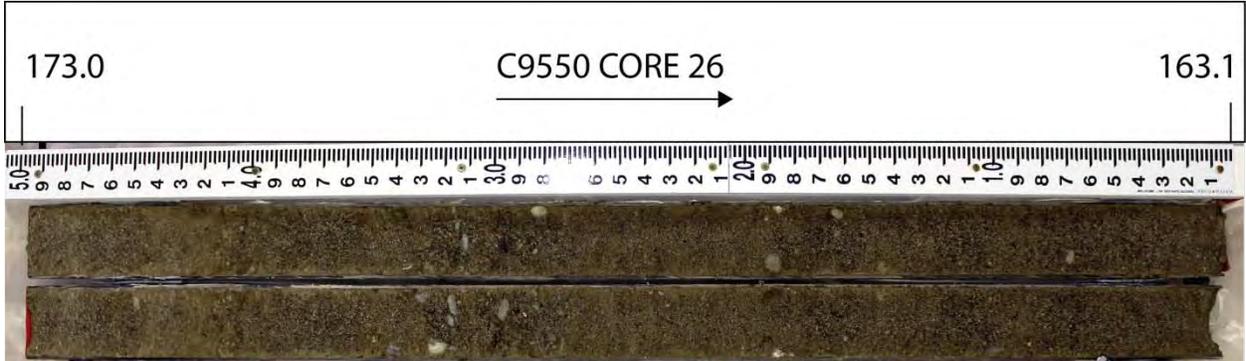


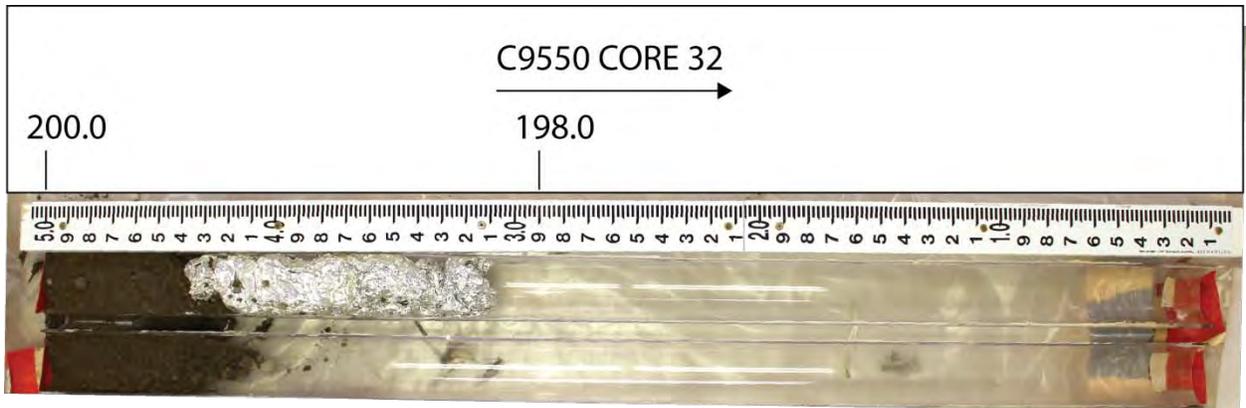
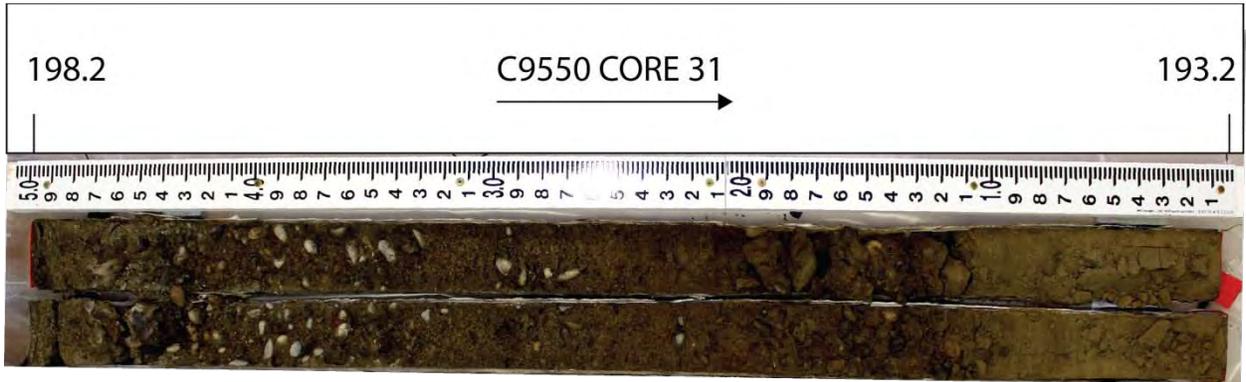
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BOREHOLE LOG					Page 1 of 9
Well ID: C9550		Well Name: NA		Location: BY Crib 5 N.W. of Corner	
Project: 200-DY-1			Reference Measuring Point: Ground Surface		
Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
0-40	DPT		No Recovery 0-40'	0-43.7 - DPT no Returns	0-43.7 Direct Push. No Recovery. Compact/Overdriven soil.
42.5	DPT			43.7-200: Sonic w/ 5' core	
45	DPT			43.7-47.4: silty sandy gravel m.s.g. (30% g, 60% s, 10-5% f) 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)
47.5	DPT			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.	47.7-48.7: Core 2: B340T2 Driven 1-11-16
50	DPT			46.0-47.9: Sand s. (100%) pr. -> w. srt'd downward. 50/50 mafic/felsic overall. 2.5Y/lt. olv. brn. (no rxn w/ HCl.) 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 3-30-16 (47.4-47.9: w. srt'd. crs. s.) 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. mussy cr. trc. crs. fn. - n. rnd. pl. of bit. slight moist. 2.5Y/lt. olv. brn. no rxn w/ HCl. s/rs. hematite alt. of grains. 10R 5/4 yellowish brn.	47.9-52.9' Core 2: B340T3 Driven 1-11-16 Aliquote: B34T20, B34T21 (3-18-16) from (50.0-52.0) 47.9-51.9 47.9-48.7: pot. slough.
52.5	DPT		51.9': 1" thick zone: med. fine grain. Sand. 30% c. - v.c. s. 20% v. fn. - fn. Qtz. brn. Sand.		
55.0	DPT		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/lt. olv. brn.	53.0-58.0: Core 3: B340T5 Driven 1-11-16.	
57.5	DPT		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/lt. olv. brn.	58.0-63.0: Core 4 Next Page.	
60.0	DPT		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	Signature:
Date: 4.5.16	Date:

April 14, 2016

BOREHOLE LOG					Page 2 of 9
Well ID: C9550		Well Name: <i>NA</i>		Location: <i>BY Crib NW Corner</i>	
Project: <i>200 DV-1</i>			Reference Measuring Point: <i>Ground Surface</i>		
Depth (Ft.)	Sample		Graphic Log	Sample Description	Comments
	Type No.	Blows Recovery			
60.0				57.5-58.0 m.s. (90% s, 10% m, tr. g.) pr. srt'd. 90% m-crs. ang. s. / 20% fn. v. fn. Qtz. s. compact. w/ < 3% v. fn. - m. w. rdd. ppl. of bsh. color 2.5Y 7/3 lt. yellowish brn. mod. rxn. w/ HCl. slight moist. non plastic v. porous.	Sonic w/ 5' core 58.0-63.0: Core 4: B34072 Driven 11.1.16 over driven 62-63' w/ sluff.
62.5				58.0-63.0: Sand s. (100% s) w. srt'd. sub. ang. m.-crs. s. of 50% felsic / 50% mafic. no vis. structure. tr. fn. mica. v. wk. rxn w/ HCl 2.5Y 7/3 lt. olv. brn. slight moist. 2.5Y 7/3 lt. olv. brn.	63.2-68.2: Core 5: B34079 Driven 12.1.16 Aligned: 67.6-66.6': 3.2.1.16 HEIS# B34T23, B34T22
65.0				62-63: Sed. compacted by being overdriven. mod. rxn w/ HCl. crushed Qtz. 63.2-68.2: Sand s. (100%) mod. srt'd. m.-c. sub-ang. s. of 60% Qtz. fcls / 40% mafic. largest grains are mafic. trace sub. rdd. m. ppl. of bsh. 2mm thick beds of v. crs. ang. s. (67.7-65.0). tr. med. mica.	-1-2' downward coarsening beds.
67.5				67.5-68.2: Sand s. (100%) silty sand m.s. (25% m, 75% s) sub. ang. v. f. m. s. bed. w/ non- plastic silt. moist 2.5Y 7/3 lt. olv. brn. st. rxn HCl. faint Fe stain patchy - above fn. grain bed.	68.0-73.0 Core 6 B340V1 Driven 1.12.16
70.0				68-69.2: 2" thick bed slightly silty Sand (m) s (90% s, 10% m) v. f.-c. sub. ang. s. w/ non plastic m. 2.5Y 7/3 dark grayish brn sharp contact below. pot. slough. moist wk. rxn HCl.	
72.5				68.2-73.0: Sand s. (100%) mod. srt'd. 2.5Y 7/3 lt. olv. brn. moist. 68.2-70.2: mod. srt'd. m.-c. sub. ang. s. of 50/50 maf/fels. 70.2-73.0: down coarsen m.-c. sub. ang. s. 50/50 maf/fels. 2-3mm Fe staining.	72.2-73.0: overdriven. 73.1-78.1 Core 7 B340V3 Driven 1.12.16
75.0				73.0-78.1: Sand s. (100%) mod.-w. srt'd. f.-m. ang. s. of 70% Qtz. fcls / 30% mafics. 2.5Y 7/3 lt. olv. brn. moist no rxn HCl. tr. med. mica. @ 75.0: faint 2-5mm bedding of f. s. colored 10YR 4/3 brn. no rxn HCl. moist. Qtz. fcls. @ 76.0: faint 1" bed of f. s. colored 10YR 4/3 brn. of Qtz. fcls.	
77.5				77.1-78.1: Sand s. (100%) w. srt'd. v. f.-f. s. sub. rdd. massive bedding / no vis. structure. moist. 2.5Y 7/3 lt. olv. brn. no rxn HCl. 10% maf. / 90% felsic.	77.1-78.1: overdriven 77.1-78.1: overdriven 78.1-83.1: Core 8 B340V5 4 1/2" rhind on core walls. 82.1-83.1: overdriven.
80					

Reported By: <i>A. Lantieri</i>	Reviewed By:
Title: <i>Geo. Tech.</i>	Title:
Signature: <i>A. Lantieri</i>	Date: 4.5.16
Signature:	Date:

April 14, 2016

BOREHOLE LOG

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Date: 4.5.16

Well ID: C9550

Well Name: MA

Location: B4 Cr. 1/2 NW Corner

Project: 200-DV-1

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'd. v.f.-f. S. of 10% mafic/90% Qtz. felds. no vis. bed. mois 2.5Y 5/3 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'd. 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 2.5Y 5/3 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'd. S. color 2.5Y 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 2.5Y 5/3 lt. olv. brn. sprs. mica. -sharp contact. bedding.	89.0-93.0: Core 10: B340V9 Drilled 1.13.16
90.0				89.8-93.0: Sand (S) (100%) ang-sub-ang. v.f.-f. S. of 45% Qtz. felds./65% mafic. no rxn w/ HCl, slight moist 2.5Y 5/3 lt. olv. brn. vfn. grading to fn. S. bed contains 2-3mm thick v.fn. bedding of fn. tv. fn. S. sprs. mica.	
92.5				93.3-98.1: Sand, S (100%) sub-ang. v.fn.-m. S. 90% Qtz. felds./10% mafic. (v.w. srt'd.) 4-8mm thick layers w/ v.fn. 1mm thick layers of v.fn. Qtz. felds. 2% fn. mica + biotite, slight moist 2.5Y 5/3 lt. olv. brn. no rxn w/ HCl.	93.3-98.3: Core 11: B340W1 Drilled 1.13.16
95.0					
97.5				98.1-103.1: Sand, S (100%) next pg.	98.1-103.1 Core 12: B340W3 Drilled 1.13.16

Reported By: A. Lanta

Reviewed By:

Title: Geo. Tech.

Title:

Signature: A. Lanta

Date: 4.5.16

Signature:

Date:

April 14, 2016

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 bllt 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 107.7- : Sand cont. gradually increasing occurrence of silt interbeds (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-	103.2-108.2 Core 13: B340W3 Drilled 1.13.16
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. graysh. brn. sprs. 1cm thick layers containing v.c.s. subang. S. + trc. v.f.a. (H. no rxn HCl). 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.	109.2-113.2 Core 14: B340W7 Drilled 1.13.16 Aliquot: 3.25.16 B34T26, B340W7 110.7': (72cm B340W7, @ contact) (Ludlum 3 w/ Seam probe C14% Fe) 1.5cm by 0.5
110	B34T26 B340W7	100% #14		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
112.5					
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:

April 14, 2016

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 1/2 gnysh brn. moist. no rxn w/HCl sprs. 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 3/4 gnysh 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 3/4 H. olv. 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 1/2 gnysh 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 gnysh 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 1/2 H. olv. 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.
140					

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			[Graphic Log: 100% #20]	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 5/3 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. pbl. subang. dry 2.5Y 5/3 H. olv. brn. no rxn HCl. sprs. mod. mica.	142-143: overdriven 143-148: Core 21: B340Y1 Drilled 1.14.16
145			[Graphic Log: 80% #2]	• 144.5: Coarse grain. pr. srt'd. int. bed. mafic dom. of crs.-v.c. S., v.f.-m. pbl. • 146.5: 3" thick int. bed. crs. grain m. S.-c. pbl. of 60% mafic/40% Qtz. fcls. sharp top contact. pot. top of bed.	
147.5				147-148: over driven + heated.	
150			[Graphic Log: 100% #2]	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. pbl. sub-rndt of 50% mafic/50% felsic. moist 2.5Y 5/3 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 pbl.: m. pbl. 20mm. • 149.6-151.7: pr. srt'd. down crs. bed. max: 32mm C. pbl. • 151.7-153: Down crs. bed. max: f. pbl. 32mm. pr. srt'd.	152.5-153: overdrilled. Drilled 1.18.16
155	B34T30 B34T31		[Graphic Log: 100% #23]	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. pbl. of 40% mafic, 10% Qtz, int. Volcanics. sprs. 4mm clay clots. overall 2.5Y 5/3 H. olv. brn.	153.3-158.3: Core 23: B3410Y5 154-155.0 Aliquot: 3: 25/16 B34T30, B34T31 @154': 34 cfm by OR Contract. (Lundun, Sacm Probe, 1/4" eff. TC-77) + 2 to spec Sacm by 1.0.16 4.5.16
157.5				• 155.1-155.6: Sand interbed (100% S) w. srt'd. crs. ang. Qtz. sand w/ trc. v.f. pbl. of bslt. 2.5Y 5/3 H. olv. brn.	overdriven + heated 157.3-158.3
160.0			[Graphic Log: 100% #24]	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:

April 14, 2016

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. / fn. 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. fn. 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				161.7-163.0: over driven & treated. 159.0: faint 3mm thick fn. S. of 80% Qtz / 20% mafic.	
165.0				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. (fn) 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.	163.1-168.1: Core 25 B34079 Drilled 1.18.16 (overall dry 2.57% H. olv. brn) (no rxn HCl.)
167.5				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.	167.2-168.1: overdriven.
170.0				167.6-167.8: pr. srt. coarse grain bed. Sandy Gravel sG (75% G, 25% S, <2% M) fn.-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.	
172.5				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/ fn.-c. pbl. of (80% pbl. / 20% felsic) max. 30mm. trc. carbon chips. 172.1: 0.1" thick bed fn.-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.
175.0				173.2-174.4: gravelly Sand (gs) (15% G, 85% S) trc. m. pr. srt. fn.-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% gl. 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.	173.2-176.2: Core 27: B34103 Drilled 1.18.16 Aliquot: 3.27.16 (175.5-176.5) B34132, B34135
177.5				spr. sm. cbl. 70mm. trc. 3-21.16 177.4-178.2: pr. srt. v. fn.-v.c. S. bed. of same comp as above. w/ up to 5% m. contains 2-5mm. clots of mod. plastic M.	T-16: slough. bottom 8" overdriven. 4" hind.
180.0				178.0 183-178.7: Next lg. AC 4.5.16	178.0-183.0: Core 28: B34105 Drilled 1.19.16

Reported By: A. Lantau

Reviewed By:

Title: Geo. Tech.

Title:

Signature: A. Lantau

Date: 4.5.16

Signature:

Date:

BOREHOLE LOG

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 4/3 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. stratified & coarsening beds. 4-10" thick grading m.p. to m.s. w/ c. pbl. of 90% bsht./10% felsic meta. 4" beds grade from 100% m.s. to 70% m.-v.c.s./30% v.f.-f. pbl. of 95% 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: Core 31: B34111 193.2-194.3: Drilled Next log.

Reported By: A. Lantieri

Reviewed By:

Title: Geo. Tech.

Title:

Signature: A. Lantieri

Date: 4.5.16

Signature:

Date:

April 14, 2016

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			
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. rnd.	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
				195.3-197.2': 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	overdriven 197.6-197.2'
197.5				20% mafic w/ tars. v.f.-v.c. pl. of 60% felsic meta / 40% bst. 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%g, 20%g) uncompact, 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, 2m 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: CG950, Core 1
 PROJECT DESIGNATION: 200-DV-1 Operable Unit Characterization of Waste Sites - Soil
 SAF NO.: F15-011
 AIR QUALITY:

ICE CHEST NO.:
 FIELD LOGBOOK NO.: HNF-N-507-33
 ACTUAL SAMPLE DEPTH: 43.7 to 48.7 ft
 COA: 302632
 METHOD OF SHIPMENT: GOVERNMENT VEHICLE
 BILL OF LADING/AIR BILL NO.: N/A

SHIPPED TO: Mobile Field Laboratory R J Lee
 OFFSITE PROPERTY 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 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 B340T1
 W 603011

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	NO. OF CONTAINER(S)	VOLUME	TYPE OF CONTAINER	PRESERVATION	HOLDING TIME	SAMPLE ANALYSIS
B340T1	SOIL	DEC 17 2015	0500	1	350g	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	CHRIS FULTON	MAR 02 2016	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
CHRIS FULTON	MAR 02 2016	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	
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME	
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME	

COLLECTOR
D.L. 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
C9550, Core 2

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

SAF NO.
F15-011

AIR QUALITY

ICE CHEST NO.

FIELD LOGBOOK NO.
HNF-N-645331-1111
47.9 452.9

COA
302632

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ORIGINAL

SHIPPED TO

Mobile Field Laboratory
2-18-16 RS Coe

OFFSITE PROPERTY NO.

BILL OF LADING/AIR BILL NO.

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 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

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TITR-B34017
1-11-16

TYPE OF CONTAINER
PVC CORE

VOLUME
350g

SAMPLE ANALYSIS
CORE SAMPLE PREP

SAMPLE DATE
DEC 17 2015

SAMPLE TIME
1235

SAMPLE NO.
B340173

MATRIX*
SOIL

DATE/TIME
DEC 17 2015 1-11-16

April 14 2016

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM
D.L. Floyd/CHPRC

DATE/TIME
DEC 17 2015

RECEIVED BY/STORED IN
SSU #13

DATE/TIME
DEC 17 2015 1-11-16

TRVL-16-043

RELINQUISHED BY/REMOVED FROM
D.L. Floyd/CHPRC

DATE/TIME
JAN 11 2016

RECEIVED BY/STORED IN
SSU #13

DATE/TIME
JAN 11 2016 1530

RELINQUISHED BY/REMOVED FROM
SSU #13

DATE/TIME
MAR 02 2016 0800

RECEIVED BY/STORED IN
CHPRC

DATE/TIME
MAR 02 2016 0800

RELINQUISHED BY/REMOVED FROM
CHPRC

DATE/TIME
MAR 02 2016 1025

RECEIVED BY/STORED IN
OFFICE GROUP

DATE/TIME
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 R.L. Foyd/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** **METHOD OF SHIPMENT** GOVERNMENT VEHICLE **ORIGINAL**

ICE CHEST NO. **FIELD LOGBOOK NO.** HNF-N-643 = 3/24 **ACTUAL SAMPLE DEPTH** 53.0 to 58.0 ft **COA** 302632 **BILL OF LADING/AIR BILL NO.** N/A

SHIPPED TO Mobile Field Laboratory **RJ Lee** **OFFSITE PROPERTY NO.** N/A **W6 B3011**

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/JATA 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 RETURN TO: B34015 1-11-16							
SAMPLE NO. B34015	MATRIX* SOIL	SAMPLE DATE JAN 11 2016	SAMPLE TIME 1335				

April 14 2016

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	TITLE
DL Foyd/CHPRC	JAN 11 2016 1530	CHRIS FULSTON CHPRC	JAN 11 2016 1530	TRVL-16-043
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
SSU #3	MAR 02 2016 0800	CHRIS FULSTON CHPRC	MAR 02 2016 0800	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
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	

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

ICE CHEST NO.

FIELD LOGBOOK NO.
HNF-N-6475-3/24 58.0663.0

COA
302632

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ORIGINAL

SHIPPED TO
Mobile Field Laboratory
21674
RS 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

W603011

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not 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
SAMPLE ANALYSIS CORE SAMPLE PREP

SPECIAL HANDLING AND/OR STORAGE
N/A

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B34017	SOIL	JAN 11 2016	1432 ✓

April 14, 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	55U#3	JAN 11 2016 13:30	TRVL-16-043	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
55U#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	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 **PRICE CODE** C05 **DATA TURNDOWN** 7 Days / 7 Days

SAMPLING LOCATION Vc9550, Core 5 **PROJECT DESIGNATION** 200-DV-1 Operable Unit Characterization of Waste Sites - Soil **FIELD LOGBOOK NO.** INF-N-507-33/21 **ACTUAL SAMPLE DEPTH** 63.2-68.2 **SAF NO.** F15-011 **AIR QUALITY** **METHOD OF SHIPMENT** GOVERNMENT VEHICLE **ORIGINAL**

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

SHIPPED TO *Mobile Flight Laboratory RJS Lee*

MATRIX* *2-18-16*

PRESERVATION Cool <=6C

HOLDING TIME 6 Months

TYPE OF CONTAINER PVC CORE

NO. OF CONTAINER(S) 1

VOLUME 350g

SAMPLE ANALYSIS CORE SAMPLE PREP

SPECIAL HANDLING AND/OR STORAGE *RADIOACTIVE TO B34079 1-12-16*

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.

W603011

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

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 12 2016 1342	550 #3	JAN 12 2016 1342		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
<i>550 #3</i>	MAR 02 2016 0800	CHRIS FULTON	MAR 02 2016 0800		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
CHRIS FULTON	MAR 02 2016 1025	CHRIS FULTON	MAR 02 2016 1025		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
CHPRC		RECEIVED BY/STORED IN			
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
		RECEIVED BY/STORED IN			
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
		RECEIVED BY/STORED IN			
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
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

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ORIGINAL

ICE CHEST NO.

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

COA
302632

SHIPPED TO
Mobile Field Laboratory
2-18-16

ACTUAL SAMPLE DEPTH
68.0-73.0

BILL OF LADING/AIR BILL NO.
N/A

OFFSITE PROPERTY NO.
N/A

RS Lee

N/A

PRESERVATION
Cool <-6C

W603011

W603011

W603011

PREPARATION

HOLDING TIME
6 Months

TYPE OF CONTAINER
PVC CORE

NO. OF CONTAINER(S)
1

VOLUME
350g

CORE SAMPLE
PREP

SAMPLE ANALYSIS

SAMPLE DATE
1-12-16

SAMPLE TIME
0910

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TIE TO: B340V0

DATE/TIME
1-12-16

DATE/TIME

SAMPLE NO.
B340V1

MATRIX*
SOIL

DATE/TIME
1-12-16

DATE/TIME
0910

DATE/TIME
1-12-16

DATE/TIME

MATRIX*

DATE/TIME

COLLECTOR
E.L. Kauer/CHPRC

COMPANY CONTACT
TODAK, D

TELEPHONE NO.
376-6427

PROJECT COORDINATOR
TODAK, D

PRICE CODE C05

DATA TURNDOWN
7 Days / 7 Days

SAMPLING LOCATION

PROJECT DESIGNATION

FIELD LOGBOOK NO.

SAF NO.

AIR QUALITY

METHOD OF SHIPMENT

GOVERNMENT VEHICLE

ICE CHEST NO.

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

COA

302632

ORIGINAL

SHIPPED TO

OFFSITE PROPERTY NO.

BILL OF LADING/AIR BILL NO.

Mobile Field Laboratory
2752
RTS Lee

N/A

N/A

MATRIX*

PRESERVATION

Cool <=6C

6 Months

W603011

POSSIBLE SAMPLE HAZARDS/ REMARKS

HOLDING TIME

6 Months

TYPE OF CONTAINER

PVC CORE

NO. OF CONTAINER(S)

1

*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.

VOLUME

350g

SAMPLE ANALYSIS

CORE SAMPLE PREP

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

SPECIAL HANDLING AND/OR STORAGE

REACTIVE TO B3402

1-12-14

SS

SOIL

1-12-14

SAMPLE NO.

SAMPLE DATE

1-12-14

SAMPLE TIME

10 25

✓

B340V3

MATRIX*

SOIL

1-12-14

10 25

✓

April 14, 2016

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

RELINQUISHED BY/REMOVED FROM

RECEIVED BY/STORED IN

DATE/TIME

TRVL-16-043

E.L. Kauer/CHPRC

SSU #3

JAN 12 2016 13:42

JAN 12 2016 15:42

RELINQUISHED BY/REMOVED FROM

RECEIVED BY/STORED IN

DATE/TIME

DATE/TIME

RELINQUISHED BY/REMOVED FROM

RECEIVED BY/STORED IN

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

PROJECT DESIGNATION

FIELD LOGBOOK NO.

SAF NO.

AIR QUALITY

ICE CHEST NO.

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

ACTUAL SAMPLE DEPTH

COA

METHOD OF SHIPMENT

SHIPPED TO

OFFSITE PROPERTY NO.

COA

BILL OF LADING/AIR BILL NO.

GOVERNMENT VEHICLE

ORIGINAL

Mobile Field Laboratory
2-18-16 RS Lee

N/A

567-33 / 27 78-1-83-1

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

W603011

HOLDING TIME
6 Months

TYPE OF CONTAINER
PVC CORE

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.

NO. OF CONTAINER(S)
1

VOLUME
350g

SAMPLE ANALYSIS
CORE SAMPLE PREP

SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TO B340V5

SAMPLE DATE
1-12-16

SAMPLE TIME
12:15

SAMPLE NO.
B340V5

MATRIX*
SOIL

SAMPLE DATE
1-12-16

SAMPLE TIME
12:15

April 14 2016

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

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

RECEIVED BY/STORED IN
SSU #3

JAN 12 2016 13:42

JAN 12 2016 13:42

TRVL-16-043

RELINQUISHED BY/REMOVED FROM
CHPRC

RECEIVED BY/STORED IN
CHPRC

MAR 02 2016 0900

MAR 02 2016 0900

RELINQUISHED BY/REMOVED FROM
CHPRC

RECEIVED BY/STORED IN
RICE RILEE GROUP

MAR 02 2016 1025

MAR 02 2016 1025

RELINQUISHED BY/REMOVED FROM

RECEIVED BY/STORED IN

DATE/TIME

DATE/TIME

LABORATORY SECTION

RECEIVED BY

DISPOSED BY

DATE/TIME

DATE/TIME

FINAL SAMPLE DISPOSITION

DISPOSAL METHOD

DATE/TIME

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

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
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

SAMPLE ANALYSIS
CORE SAMPLE PREP

W603011

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

SAMPLE NO.
B340V7

MATRIX*
SOIL

SAMPLE DATE
1-13-16

SAMPLE TIME
0835

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS
TRVL-16-043

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

DATE/TIME
JAN 13 2016 1300

RECEIVED BY/STORED IN
SSU #3

DATE/TIME
JAN 13 2016 1300

RELINQUISHED BY/REMOVED FROM
SSU #3

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

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

FINAL SAMPLE DISPOSITION

DISPOSAL METHOD

DATE/TIME

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 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

AIR QUALITY

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ICE CHEST NO.

OFFSITE PROPERTY NO.

ACTUAL SAMPLE DEPTH
88.0 - 93.0

COA
302632

BILL OF LADING/AIR BILL NO.

ORIGINAL

SHIPPED TO
Mobile Field Laboratory

RT Lee

W603011

W603011

W603011

W603011

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

SAMPLE ANALYSIS
CORE SAMPLE PREP

W603011

W603011

W603011

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.

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

W603011

W603011

W603011

W603011

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

April 14 2016

CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
RELINQUISHED BY/REMOVED FROM E.L. Kauer/CHPRC	DATE/TIME JAN 13 2016 15	RECEIVED BY/STORED IN SSU #3	DATE/TIME JAN 13 2016 15	TRVL-16-043	
RELINQUISHED BY/REMOVED FROM CHRIS FULTON	DATE/TIME MAR 02 2016 0900	RECEIVED BY/STORED IN CHRIS FULTON	DATE/TIME MAR 02 2016 0900		
RELINQUISHED BY/REMOVED FROM CHRIS FULTON	DATE/TIME MAR 02 2016 1025	RECEIVED BY/STORED IN IPLIFE/STREIBER GROUP	DATE/TIME 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. 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 C9550, Core 11 **PROJECT DESIGNATION** 200-DV-1 Operable Unit Characterization of Waste Sites - Soil **FIELD LOGBOOK NO.** **ACTUAL SAMPLE DEPTH** **SAF NO.** F15-011 **AIR QUALITY** **METHOD OF SHIPMENT** GOVERNMENT VEHICLE **ORIGINAL**

ICE CHEST NO. **FIELD LOGBOOK NO.** **OFFSITE PROPERTY NO.** **COA** 302632 **BILL OF LADING/AIR BILL NO.**

SHIPPED TO Mobile Field Laboratory **21616** **RS Lee** **W603011** **N/A**

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

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
B340W1	SOIL	1-13-16	1010

SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE TOXIC B340W1 1-13-16
 TRUCK TO BARREN

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. Kauef/CHPRC	JAN 13 2016 15	SSU #3	JAN 13 2016 15		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
SSU #3	MAR 02 2016 1300	CHPRC	MAR 02 2016 1300		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
CHRIS FULTON	MAR 02 2016 1410	TRVL-16-043 GROUP	MAR 02 2016 1410		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
CHPRC	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		
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
 TELEPHONE NO.: 376-6427
 PROJECT COORDINATOR: TODAK, D
 PRICE CODE: C05
 DATA TURNAROUND: 7 Days / 7 Days

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.:
 FIELD LOGBOOK NO.:
 ACTUAL SAMPLE DEPTH:
 COA: 302632
 METHOD OF SHIPMENT: GOVERNMENT VEHICLE
ORIGINAL

SHIPPED TO: Mobile Field Laboratory
 MATRIX*: 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.

DL=Drum
 L=Liquid
 O=Oil
 S=Soil
 SE=Sediment
 T=Tissue
 V=Vegetation
 W=Water
 WI=Wipe
 X=Other

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	SPECIAL HANDLING AND/OR STORAGE	PRESERVATION	HOLDING TIME	TYPE OF CONTAINER	NO. OF CONTAINER(S)	VOLUME	SAMPLE ANALYSIS
B340W3	SOIL	1-13-16	1050	TRAY L. BACON 1-13-16 LABORATORY TO B340W3	Cool <=6C	6 Months	PVC CORE	1	350g	CORE SAMPLE PREP

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

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME
E.L. Kauef/CHPRC	JAN 13 2016 1330	SSU #3	JAN 13 2016 1330	CHRIS FULTON	MAR 02 2016 1300	CHRIS FULTON/CHPRC	MAR 02 2016 1300
CHRIS FULTON	MAR 02 2016 1410	RECEIVED BY/STORED IN	MAR 02 2016 1410	CHRIS FULTON	MAR 02 2016 1410	RECEIVED BY/STORED IN	MAR 02 2016 1410

COLLECTOR
E.L. Kauef/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 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

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ICE CHEST NO.

OFFSITE PROPERTY NO.

ACTUAL SAMPLE DEPTH
COA

302632

ORIGINAL

SHIPPED TO
Mobile Field Laboratory

PRESERVATION
Cool < -6C

HOLDING TIME
6 Months

BILL OF LADING/AIR BILL NO.

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

NO. OF CONTAINER(S)
1

VOLUME
350g

SAMPLE ANALYSIS
CORE SAMPLE PREP

W603011

RS Lee

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: B340W4

SAMPLE DATE
1-13-16

SAMPLE TIME
1225

DATE/TIME
1-13-16

1-13-16

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

April 14, 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 1350

RECEIVED BY/STORED IN
CHPRC

DATE/TIME
MAR 02 2016 1350

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

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** TODAY, D **TELEPHONE NO.** 376-6427 **PROJECT COORDINATOR** TODAY, 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 **SAF NO.** F15-011 **AIR QUALITY** **METHOD OF SHIPMENT** GOVERNMENT VEHICLE **ORIGINAL**

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

SHIPPED TO *Mobile Remediation Laboratory* **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* *RT Lee* **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
B340W7	SOIL	1-13-16	1320

SPECIAL HANDLING AND/OR STORAGE *TRVL-16-043*
1-13-16
 RADIOACTIVE TO - B340W6

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. Kaufer/CHPRC	JAN 13 2016 1530	SSU #3	JAN 13 2016 1530		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
SSU #3	MAR 02 2016 1360	CHRIS FULTON	MAR 02 2016 1360		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
CHRIS FULTON	MAR 02 2016 1410	CHRIS FULTON	MAR 02 2016 1410		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
CHPRC	MAR 02 2016 1410	CHRIS FULTON	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		

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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 15 **PROJECT DESIGNATION** 200-DV-1 Operable Unit Characterization of Waste Sites - Soil **FIELD LOGBOOK NO.** ENF-N-507-33 Page 28 **ACTUAL SAMPLE DEPTH** 13.0-118.0 **SAF NO.** F15-011 **METHOD OF SHIPMENT** GOVERNMENT VEHICLE **ORIGINAL**

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

SHIPPED TO Mobile Field Laboratory 25 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* **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.

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

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	SPECIAL HANDLING AND/OR STORAGE
B340W9	SOIL	1-13-16	1400	ADJECTIVE TO: B340W9 Toy L. Bacon 1-13-16

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 13 2016 15:30	SSU #3	JAN 13 2016 15:30	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
SSU #3	MAR 02 2016 1300	CHPRC	MAR 02 2016 1300	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
CHRIS FULTON	MAR 02 2016 1410	TRICE RILEE GROUND	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. 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 16	PROJECT DESIGNATION 200-DV-1 Operable Unit Characterization of Waste Sites - Soil	FIELD LOGBOOK NO. HNF-N-507-33-28	ACTUAL SAMPLE DEPTH 118.0 - 123.0 ft	SAF NO. F15-011	AIR QUALITY <input type="checkbox"/>
ICE CHEST NO.	FIELD LOGBOOK NO.	OFFSITE PROPERTY NO.	COA 302632	METHOD OF SHIPMENT GOVERNMENT VEHICLE	ORIGINAL

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

Mobile Field Laboratory
2-18-16

PREPARATION *NA*

BILL OF LADING/AIR BILL NO. *NA*

MATRIX*

POSSIBLE SAMPLE HAZARDS/ REMARKS
*Contains Radioactive Material at concentrations that are not be regulated for transportation per 49 CFR/1ATA 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: B340X0

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME	
B340X1	SOIL	1-13-16	1445	✓

April 14 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. Kauert/CHPRC	JAN 13 2016 1300	SSU #3	JAN 13 2016 1500		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
<i>SSU #3</i>	MAR 02 2016 1300	RECEIVED BY/STORED IN	MAR 02 2016 1300		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
<i>SSU #3</i>	MAR 02 2016 1410	RECEIVED BY/STORED IN	MAR 02 2016 1410		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
		RECEIVED BY/STORED IN			
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
		RECEIVED BY/STORED IN			
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
		RECEIVED BY/STORED IN			
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		

COLLECTOR E.L. Kaufer/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 17 **PROJECT DESIGNATION** 200-DV-1 Operable Unit Characterization of Waste Sites - Soil **ACTUAL SAMPLE DEPTH** 123.1-128.1 Ft **SAF NO.** F15-011 **METHOD OF SHIPMENT** GOVERNMENT VEHICLE **ORIGINAL**

ICE CHEST NO. **FIELD LOGBOOK NO.** HNF-N-507-33-29 **COA** 302632 **BILL OF LADING/AIR BILL NO.** N/A

SHIPPED TO ~~Mobile Field Laboratory~~ **RJ Lee** **OFFSITE PROPERTY NO.** N/A **PRESERVATION** Cool <=6C

MATRIX* ~~2-15-16~~ **POSSIBLE SAMPLE HAZARDS/REMARKS** *Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1

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**

SPECIAL HANDLING AND/OR STORAGE **RADIOACTIVE TO-9940X2** **NO. OF CONTAINER(S)** 1 **VOLUME** 350g **CORE SAMPLE PREP?**

SAMPLE NO. B340X3 **MATRIX*** SOIL **SAMPLE DATE** 1-14-16 **SAMPLE TIME** 0835 **W03011**

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

RELINQUISHED BY/REMOVED FROM E.L. Kaufer/CHPRC **DATE/TIME** JAN 14 2016 1350 **RECEIVED BY/STORED IN** SSU Lee **DATE/TIME** JAN 14 2016 1350

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

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

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

COLLECTOR EL 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 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. **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* **RS Lee** **PRESERVATION** Cool <=6C **W603011**

MATRIX* **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.

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 *NO DO NOT OPEN THE TOP-9340X4* **SAMPLE NO.** B340X5 **MATRIX*** SOIL **SAMPLE DATE** 1-14-16 **SAMPLE TIME** 1000

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

RELINQUISHED BY/REMOVED FROM *E.L. Kauer/CHPRC* **DATE/TIME** JAN 14 2016 1300 **RECEIVED BY/STORED IN** *550 #3* **DATE/TIME** JAN 14 2016 1550

RELINQUISHED BY/REMOVED FROM *550 #3* **DATE/TIME** MAR 02 2016 1300 **RECEIVED BY/STORED IN** *CHRIS FLEEGR* **DATE/TIME** MAR 02 2016 1300

RELINQUISHED BY/REMOVED FROM *CHRIS FLEEGR* **DATE/TIME** MAR 02 2016 1410 **RECEIVED BY/STORED IN** *CHRIS FLEEGR* **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**

April 14 2016

COLLECTOR EL 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** **METHOD OF SHIPMENT** GOVERNMENT VEHICLE **ORIGINAL**

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

SHIPPED TO Mobile Field Laboratory **RS Lee** **PREPARATION** Cool < 6C **NO. OF CONTAINER(S)** 1 **VOLUME** 350g **SAMPLE ANALYSIS** CORE SAMPLE PREP

MATRIX* **PRESERVATION** **HOLDING TIME** 6 Months **TYPE OF CONTAINER** PVC CORE

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 B340X6 **SAMPLE NO.** B340X7 **MATRIX*** SOIL **SAMPLE DATE** 1-14-16 **SAMPLE TIME** 1040

APRIL 14 2016

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

RELINQUISHED BY/REMOVED FROM EL Kaiser/CHPRC **DATE/TIME** JAN 14 2016 14:16 **RECEIVED BY/STORED IN** SSO #3 **DATE/TIME** JAN 14 2016 13:50

RELINQUISHED BY/REMOVED FROM **DATE/TIME** MAR 02 2016 13:00 **RECEIVED BY/STORED IN** CHRIS FULLSTON CHPRC **DATE/TIME** MAR 02 2016 13:00

RELINQUISHED BY/REMOVED FROM **DATE/TIME** MAR 02 2016 13:00 **RECEIVED BY/STORED IN** CHRIS FULLSTON CHPRC **DATE/TIME** MAR 02 2016 13:00

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 = FSR11599** **TRVL NUM = TRVL-16-043** **A-6003-618 (REV 2)**

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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
C9550, Core 20

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

SAF NO.
F15-011

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ICE CHEST NO.

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

ACTUAL SAMPLE DEPTH
138.0 - 143.0

COA
302632

ORIGINAL

SHIPPED TO

Mobile Field Laboratory
2-18-11
RS Lee

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=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

SPECIAL HANDLING AND/OR STORAGE
RADIATION THE TO: B340X9
Dorel Besson 1-14-16

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

April 14 2016

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

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

RECEIVED BY/STORED IN
SSU #3

JAN 14 2016 3:50

TRVL-16-043

RELINQUISHED BY/REMOVED FROM
CHRIS CHERC

RECEIVED BY/STORED IN
CHPRC

JAN 14 2016 3:50

RELINQUISHED BY/REMOVED FROM
CHRIS CHERC

RECEIVED BY/STORED IN
RILEE GROUP

JAN 14 2016 14:10

RELINQUISHED BY/REMOVED FROM

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 21 **PROJECT DESIGNATION** 200-DV-1 Operable Unit Characterization of Waste Sites - Soil **FIELD LOGBOOK NO.** HNF-N-507-33.29 **ACTUAL SAMPLE DEPTH** 1430-148.0 ft **SAF NO.** F15-011 **AIR QUALITY** **METHOD OF SHIPMENT** GOVERNMENT VEHICLE **ORIGINAL**

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

SHIPPED TO **MOBILE FIELD LABORATORY** **RTS Lee** **COOL <=6C** **W033011** **N/A**

MATRIX* **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 **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:** B340Y0

SAMPLE NO. B340Y1 **MATRIX*** SOIL **SAMPLE DATE** 1-14-16 **SAMPLE TIME** 1307 **DATE/TIME** ✓

April 14 2016

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

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

RELINQUISHED BY/REMOVED FROM **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 0805 **RECEIVED BY/STORED IN** Kent Lee **DATE/TIME** MAR 04 2016 0829

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 C05
AIR QUALITY

DATA TURNAROUND
7 Days / 7 Days

SAMPLING LOCATION

PROJECT DESIGNATION

FIELD LOGBOOK NO.

SAF NO.

METHOD OF SHIPMENT

GOVERNMENT VEHICLE

ORIGINAL

C9550, Core 22

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

HNF-A-507-33-36

F15-011

COA

302632

1486-153.0 ft

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

OFFSITE PROPERTY NO.

BILL OF LADING/AIR BILL NO.

MATRIX*

PRESERVATION

Cool <=6C

W603011

HOLDING TIME

6 Months

N/A

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.

NO. OF CONTAINER(S)

1

TYPE OF CONTAINER

PVC CORE

VOLUME

350g

SPECIAL HANDLING AND/OR STORAGE

SAMPLE ANALYSIS

CORE SAMPLE PREP

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

SPECIAL HANDLING AND/OR STORAGE

NO. OF CONTAINER(S)

TYPE OF CONTAINER

VOLUME

SAMPLE ANALYSIS

1-18-16

SAMPLE NO.

SOIL

MATRIX*

SAMPLE DATE

SAMPLE TIME

1-18-16

0920

B340Y3

1-18-16

0920

✓

April 14, 2016

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

SPECIAL INSTRUCTIONS

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

DATE/TIME
JAN 18 2016 0550

RECEIVED BY/STORED IN
SSU #3

DATE/TIME
JAN 18 2016 1550

TRVL-16-043

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 0809

RECEIVED BY/STORED IN
Heinrich

DATE/TIME
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

LABORATORY SECTION

RECEIVED BY

TITLE

DATE/TIME

FINAL SAMPLE DISPOSITION

DISPOSAL METHOD

RECEIVED BY

DATE/TIME

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	ACTUAL SAMPLE DEPTH 153.3-158.3	COA 302632	BILL OF LADING/AIR BILL NO. N/A	ORIGINAL	

SHIPPED TO
Mobile Field Laboratory
E-2-372
RS Lee

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?	

SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE-THE TO-B340Y4 Troy L. Barson 1-18-16	SAMPLE NO. B340Y5	MATRIX* SOIL	SAMPLE DATE 1-18-16	SAMPLE TIME 1010	CORE SAMPLE PREP? ✓
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April 14 2016

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 #3	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 0808	RECEIVED BY/STORED IN Kornel Huber	DATE/TIME MAR 04 2016 0808		
RELINQUISHED BY/REMOVED FROM CHPRC	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
FIELD LOGBOOK NO. HNF-N-507.33.30
ACTUAL SAMPLE DEPTH 158.0 - 163.0
COA 302632
METHOD OF SHIPMENT GOVERNMENT VEHICLE
SAF NO. F15-011
AIR QUALITY
ORIGINAL

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, 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

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 MATERIAL - 1-18-16

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

April 14 2016

CHAIN OF POSSESSION

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	SPECIAL INSTRUCTIONS
E.L. Kauer/CHPRC	JAN 18 2016 1550	SSU #3	JAN 18 2016 1550	TRVL-16-043
Frank Hall CHPRC	MAR 04 2016 0745	Frank Hall CHPRC	MAR 04 2016 0745	
Frank Hall CHPRC	MAR 04 2016 0809	Frank Hall CHPRC	MAR 04 2016 0809	
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	

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.: N/A FIELD LOGBOOK NO.: HNF-N-507-33-30 ACTUAL SAMPLE DEPTH: 163.1-168.1 COA: 302632 BILL OF LADING/AIR BILL NO.: N/A

SHIPPED TO: ~~Mobile Flight Laboratory~~ R S Lee PRESERVATION: Cool <=6C HOLDING TIME: 6 Months W032011

MATRIX*: POSSIBLE SAMPLE HAZARDS/REMARKS: *Contains Radioactive Material at concentrations that are not regulated for transportation per 49 CFR/IATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1. TYPE OF CONTAINER: PVC CORE NO. OF CONTAINER(S): 1 VOLUME: 350g

SPECIAL HANDLING AND/OR STORAGE: RADIOACTIVE TO B340Y9 RECEIVED BY/STORED IN: S S U #3 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: S S U #3 DATE/TIME: JAN 18 2016 1550

RELINQUISHED BY/REMOVED FROM: S S U #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 0809 RECEIVED BY/STORED IN: Point Blue DATE/TIME: MAR 04 2016 0809

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

LABORATORY SECTION: RECEIVED BY: TITLE: DATE/TIME: DISPOSAL METHOD: DISPOSED BY: DATE/TIME: PRINTED ON 12/9/2015 FSR ID = FSR11605 TRVL NUM = TRVL-16-043 A-6003-618 (REV 2)

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

MATRIX* *DL=Drum* **PRESERVATION** Cool <=6C **NO. OF CONTAINER(S)** 1 **VOLUME** 350g **CORE SAMPLE PREP:** W03011

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 - F0-834100*

SAMPLE NO.	MATRIX*	SAMPLE DATE	SAMPLE TIME
B34101	SOIL	1-18-16	1410

April 14 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/CHRC	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 CHRC	MAR 04 2016 0745		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
Frank Hall CHRC	MAR 04 2016 0800	Leiter Hugo	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 27 **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. N/A **FIELD LOGBOOK NO.** HNF-N-507-33.30 **ACTUAL SAMPLE DEPTH** 173.2-178.2 **COA** 302632 **BILL OF LADING/AIR BILL NO.** N/A

SHIPPED TO *Right Field Laboratory* **RS Lee** **OFFSITE PROPERTY NO.** N/A **W0301**

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 934102
May L. Bacon 1-18-16

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

April 14 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 Jones	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
C05

DATA TURNAROUND
7 Days / 7 Days

SAMPLING LOCATION
C9550, Core 28

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

FIELD LOGBOOK NO.
HNF-N507-33-31

ACTUAL SAMPLE DEPTH
178.0-183.0 ft

SAF NO.
F15-011

AIR QUALITY

METHOD OF SHIPMENT
GOVERNMENT VEHICLE

ICE CHEST NO.
N/A

OFFSITE PROPERTY NO.
N/A

BILL OF LADING/AIR BILL NO.
N/A

SHIPPED TO
Mobile Field Laboratory R5E4 GeoTech div

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

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

SPECIAL HANDLING AND/OR STORAGE
#ADJACENT TO THE TO-834104
Meryl Bowen 1-19-16

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 19 2016	SSU #3	JAN 19 2016		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
SSU #3	MAR 04 2016 0745	Frank Hall CHPRC	MAR 04 2016 0745		
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME		
Frank Hall CHPRC	MAR 04 2016 0810	Heidi Kauer	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

SAMPLING LOCATION C9550, Core 29
PROJECT DESIGNATION 200-DY-1 Operable Unit Characterization of Waste Sites - Soil
SAF NO. F15-011
PRICE CODE C05
AIR QUALITY
DATA TURNAROUND 7 Days / 7 Days

ICE CHEST NO. N/A
FIELD LOGBOOK NO. N/A
ACTUAL SAMPLE DEPTH 183.1 - 188.1 ft
COA 302632
METHOD OF SHIPMENT GOVERNMENT VEHICLE
ORIGINAL

SHIPPED TO R J Lee
HNE -N-607-33-31
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
HOLDING TIME 6 Months
TYPE OF CONTAINER PVC CORE
NO. OF CONTAINER(S) 1
VOLUME 350g
SAMPLE ANALYSIS CORE SAMPLE PREP

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-934466

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

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

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		
CHPRC	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		
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
FIELD LOGBOOK NO. HNF-N-507-33-31
ACTUAL SAMPLE DEPTH 188.1 - 193.1
SAF NO. F15-011
AIR QUALITY
METHOD OF SHIPMENT COA 302632
GOVERNMENT VEHICLE

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

SHIPPED TO RT Lee
PREPARATION 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
 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 regulated for transportation per 49 CFR/LATA Dangerous Goods Regulations but are not releasable per DOE Order 458.1.

SPECIAL HANDLING AND/OR STORAGE
 RADIOACTIVE TIE TO: B34108

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

April 14, 2016

CHAIN OF POSSESSION

SIGN/ PRINT NAMES

RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	SPECIAL INSTRUCTIONS
E.L. Kauert/CHPRC	JAN 19 2016 14:30	SSU #3	JAN 19 2016 14:30	TRVL-16-043
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
SSU #3	MAR 04 2016 0745	Frank Hall CHPRC	MAR 04 2016 0745	
RELINQUISHED BY/REMOVED FROM	DATE/TIME	RECEIVED BY/STORED IN	DATE/TIME	
Frank Hall CHPRC	MAR 04 2016 0811	Frank Hall CHPRC	MAR 04 2016 0811	
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	

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
 218-11

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.	PRESERVATION Cool <=6C	HOLDING TIME 6 Months	NO. OF CONTAINER(S) 1	VOLUME 350g	SAMPLE ANALYSIS CORE SAMPLE PREP
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SPECIAL HANDLING AND/OR STORAGE
RADIOACTIVE TIE TO: B34110

SAMPLE NO. B34111	MATRIX* SOIL	SAMPLE DATE 1-19-16	SAMPLE TIME 1240	DATE/TIME JAN 19 2016 1410
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CHAIN OF POSSESSION		SIGN/ PRINT NAMES		SPECIAL INSTRUCTIONS	
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	TRVL-16-043	
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		

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
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 198.0 - 200.0 ft
COA 302632
METHOD OF SHIPMENT GOVERNMENT VEHICLE

SHIPPED TO 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/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
SPECIAL HANDLING AND/OR STORAGE RADIOACTIVE-TITR-B34422
DATE/TIME 1-19-16

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

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

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 14:20	RECEIVED BY/STORED IN SSU # 3	JAN 19 2016 14:20		
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		
LABORATORY SECTION	RECEIVED BY	TITLE	DATE/TIME		
FINAL SAMPLE DISPOSITION	DISPOSAL METHOD	DISPOSED BY	DATE/TIME		