



SAMPLE SUBMISSION

Client-Project #:	2 2013-001
Quote #:	N/A

Company:	Disa Technologies, Inc.	ATTN:	Andrew Halverson
Submitted by:	Andrew Halverson		
Address:	1653 English Ave		
City:	Casper	State:	WY
Zip:	82601		
Phone:	307-871-7291	Email:	a.halverson@disausa.com
Report to:	1. Andrew Halverson	Email:	a.halverson@disausa.com
	2. John Lee		john@disausa.com
Bill to:		or	<input checked="" type="checkbox"/> Same as above
Address:			
City:		State:	
Zip:			
Phone:		Email:	

Testing Priority:	<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Rush			
Sample Characteristics:	<input checked="" type="checkbox"/> Radioactive	<input type="checkbox"/> High Org. Carbon	<input checked="" type="checkbox"/> High Silica	<input type="checkbox"/> Hydrocarbons	<input type="checkbox"/> Other specify: _____
Storage:	<input checked="" type="checkbox"/> Return	<input type="checkbox"/> Dispose	<input type="checkbox"/> Store		
	Return after final reporting				

CHAIN OF CUSTODY

Relinquished by:	Received by:
Print: Sign: Date/Time:	Print: Sign: Date/Time:
Andrew Halverson <i>Andrew Halverson</i> 10/10/12, 16:50	

SAMPLE INFORMATION

Sample ID:	Sample Type:	Weight/Core Length:	Testing/Analyses Requested:
CR-L-0-SL-01	BS	380.16 g	Bulk XRD, MLA, Mineral Lineup
CR-M-0-SL-01	BS	333.71 g	Bulk XRD, MLA, Mineral Lineup
CR-H-0-SL-01	BS	448.77 g	Bulk XRD, MLA, Mineral Lineup
QV-L-0-SL-01	BS	321.64 g	Bulk XRD, MLA, Mineral Lineup
QV-M-0-SL-01	BS	367.59 g	Bulk XRD, MLA, Mineral Lineup
QV-H-0-SL-01	BS	380.54 g	Bulk XRD, MLA, Mineral Lineup
CTS-L-0-SL-01	BS	311.80 g	Bulk XRD, MLA, Mineral Lineup
CTS-M-0-SL-01	BS	331.80 g	Bulk XRD, MLA, Mineral Lineup
CTS-H-0-SL-01	BS	362.39 g	Bulk XRD, MLA, Mineral Lineup

*: DC: Drill Core, BS: Bulk Solids, S: Slurry

SAMPLE INFORMATION

Sample ID:	Sample Type:	Weight/Core Length:	Testing/Analyses Requested:
CR-L-4-SY +25/+270	BS	207.65 g	Bulk XRD, MLA, Mineral Lineup
CR-L-8-SY +25/+270	BS	220.75 g	Bulk XRD, MLA, Mineral Lineup
CR-L-30-SY +25/+270	BS	213.73 g	Bulk XRD, MLA, Mineral Lineup
CR-M-8-SY +25/+270	BS	255.64 g	Bulk XRD, MLA, Mineral Lineup
CR-M-30-SY +25/+270	BS	326.94 g	Bulk XRD, MLA, Mineral Lineup
CR-M-30-SY +25/+270	BS	270.24 g	Bulk XRD, MLA, Mineral Lineup
CR-H-4-SY +25/+270	BS	391.55 g	Bulk XRD, MLA, Mineral Lineup
CR-H-8-SY +25/+270	BS	387.45 g	Bulk XRD, MLA, Mineral Lineup
CR-H-30-SY +25/+270	BS	295.77 g	Bulk XRD, MLA, Mineral Lineup
QV-L-4-SY +25/+270	BS	243.92 g	Bulk XRD, MLA, Mineral Lineup
QV-L-8-SY +25/+270	BS	332.96 g	Bulk XRD, MLA, Mineral Lineup
QV-L-30-SY +25/+270	BS	311.81 g	Bulk XRD, MLA, Mineral Lineup
QV-M-4-SY +25/+270	BS	377.81 g	Bulk XRD, MLA, Mineral Lineup
QV-M-8-SY +25/+270	BS	381.69 g	Bulk XRD, MLA, Mineral Lineup
QV-M-30-SY +25/+270	BS	326.81 g	Bulk XRD, MLA, Mineral Lineup
QV-H-4-SY +25/+270	BS	525.48 g	Bulk XRD, MLA, Mineral Lineup
QV-H-8-SY +25/+270	BS	507.44 g	Bulk XRD, MLA, Mineral Lineup
QV-H-30-SY +25/+270	BS	415.85 g	Bulk XRD, MLA, Mineral Lineup

*: **DC**: Drill Core, **BS**: Bulk Solids, **S**: Slurry



Package Survey From

Date: 10/10/2022 Time: 17:00

Surveyor Name: Andrew Halverson

Package Description	Box with <21 lb of <1500ppm Unet soil
Package Destination	Eagle Engineering 3341 Harrison Avenue Butte, MT 59701

Unat Specific Activity 7.1e-7 Ci/g
Limits
Exempt: 2.7e-11 Ci/g AND 2.7e-8 Ci
Excepted: 7.1e-7 Ci/g
A1 (Ci): Unlimited
A2 (Ci): Unlimited
0.5 mRem/hr
~500 µR/hr
Alpha: 24 dpm/cm²
Beta: 240 dpm/cm²

Contents	<1500ppm Unet Soil	Exempt (Y/N)	N
Material Specific Activity	<1.07e-9 Ci/g	UN2910 Excepted (Y/N)	Y
Contents Mass	<21 lb		
Contents Total Activity	<10e-6 Ci		

Instrument	
Manufacturer	Ludlum
Model	19
Serial No.	268865
Cal Due Date	12/19/2022
FC Passed (Y/N)	Y
Background	7 µR/hr

Location	Gross	Net
Side 1	11	4 µR/hr
Side 2	11	4 µR/hr
Side 3	16	9 µR/hr
Side 4	16	9 µR/hr
Side 5	23	16 µR/hr
Side 6	24	17 µR/hr

Package Sketch

Package Surface Area [cm²] 6,912

Meter	
Manufacturer	Ludlum
Model	2929
Serial No.	208319
Cal Due Date	06/27/2023

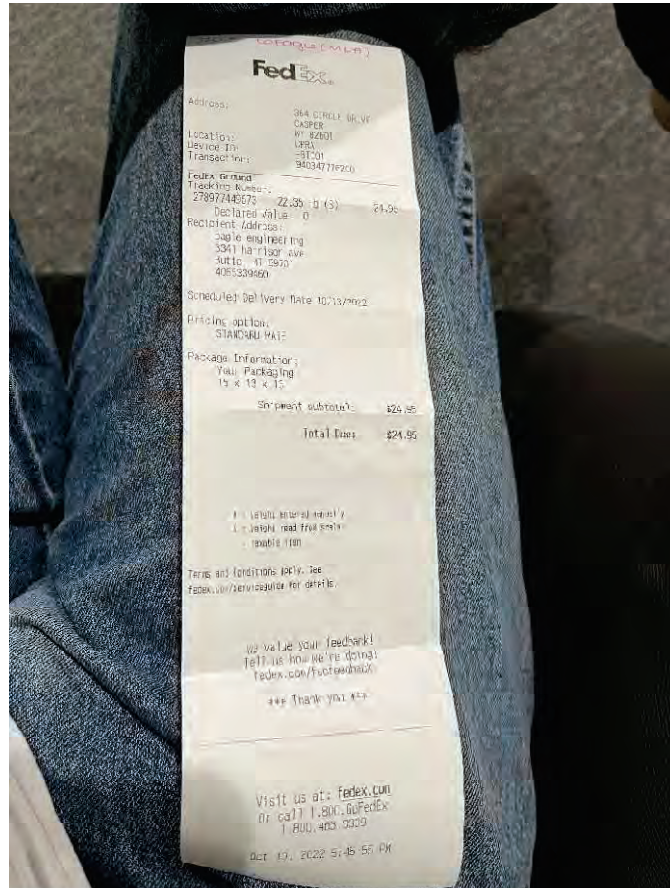
Detector	
Manufacturer	Ludlum
Model	4340-1
Serial No.	PR215938
Cal Due Date	06/27/2023

FC Passed (Y/N)	Y
BKG Alpha (cpm)	0
Beta/Gamma (cpm)	61
300 cm² Surveyed (Y/N)	Y
Entire Package Surveyed (Y/N)	N

Measurement	Alpha				Beta/Gamma				Meets Limits	Labeled
	Gross [cpm]	Net [cpm]	Swipe Efficiency	dpm/cm²	Gross [cpm]	Net [cpm]	Swipe Efficiency	dpm/cm²		
Swipe 1	2	2	0.1	0.4	63	2	0.1	0.83	AH	<div>Surveyor Signature: <u>Andrew Halverson</u></div> <div>Released</div> <div>Date: <u>10/10/22</u></div> <div>Time: <u>17:12</u></div>
Swipe 2	1	1	0.1	0.2	57	-	0.1	-	AH	
			0.1				0.1			
			0.1				0.1			









Address: 364 CIRCLE DRIVE
CASPER
WY 82601
Location: CPRA
Device ID: -BTC01
Transaction: 940347776200

FedEx Ground

Tracking Number:
278977449673 22.35 lb (S) 24.95
Declared Value 0
Recipient Address:
eagle engineering
3341 harrison ave
Butte, MT 59701
4065339460

Scheduled Delivery Date 10/13/2022

Pricing option:
STANDARD RATE

Package Information:
Your Packaging
15 x 13 x 13

Shipment subtotal: \$24.95

Total Due: \$24.95

M = Weight entered manually
S = Weight read from scale
T = Taxable item

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Oct 10, 2022 5:45:56 PM



DISA
SAMPLE SUBMISSION

Company: [blank] Date: [blank] ATN: [blank]
Submitted by: [blank] Address: [blank] City: [blank] State: [blank]
Phone: [blank] Fax: [blank] Email: [blank]
Name: [blank] Title: [blank] Address: [blank] City: [blank] State: [blank]
Zip: [blank] Phone: [blank] Fax: [blank] Email: [blank]

CHAIN OF CUSTODY

Received by:	Date:	Received by:	Date:
[blank]	[blank]	[blank]	[blank]

SAMPLE INFORMATION

Sample ID	Sample Type	Quantity	Transportation Method
CTC-HSV-123-01	ES	100.00 g	Box 123, HLA, HLA, HLA
CTC-HSV-123-02	ES	100.00 g	Box 123, HLA, HLA, HLA
CTC-HSV-123-03	ES	100.00 g	Box 123, HLA, HLA, HLA
CTC-HSV-123-04	ES	100.00 g	Box 123, HLA, HLA, HLA
CTC-HSV-123-05	ES	100.00 g	Box 123, HLA, HLA, HLA
CTC-HSV-123-06	ES	100.00 g	Box 123, HLA, HLA, HLA
CTC-HSV-123-07	ES	100.00 g	Box 123, HLA, HLA, HLA
CTC-HSV-123-08	ES	100.00 g	Box 123, HLA, HLA, HLA
CTC-HSV-123-09	ES	100.00 g	Box 123, HLA, HLA, HLA
CTC-HSV-123-10	ES	100.00 g	Box 123, HLA, HLA, HLA

DO NOT WRITE ON THIS FORM





Package Survey From

Date: 10/26/2022 Time: 16:40

Surveyor Name: Andrew Halverson

Package Description	<u>< 3.5 lb of < 200 ppm Unat soil</u>
Package Destination	<u>Eagle Engineering</u> <u>3341 Harrison Avenue</u> <u>Butte, MT 59701</u>

Unat Specific Activity
7.1e-7 Ci/g
Limits
Exempt: 2.7e-11 Ci/g
AND 2.7e-8 Ci
Excepted: 7.1e-7 Ci/g
A1 [Ci]: Unlimited
A2 [Ci]: Unlimited
0.5 mRem/hr
~500 µR/hr
Alpha: 24 dpm/cm ²
Beta: 240 dpm/cm ²

Contents	<u>< 200 ppm Unat Soil</u>	Exempt (Y/N)	<u>N</u>
Material Specific Activity	<u>< 1.5e-10 Ci/g</u>	UN2910 Excepted (Y/N)	<u>Y</u>
Contents Mass	<u>< 3.5 lb</u>		
Contents Total Activity	<u>< 2e-7 Ci</u>		

Instrument	
Manufacturer	<u>Ludlum</u>
Model	<u>19</u>
Serial No.	<u>268865</u>
Cal Due Date	<u>12/19/2022</u>
FC Passed (Y/N)	<u>Y</u>
Background	<u>9 µR/hr</u>

Location	Gross	Net
TOP	<u>10</u>	<u>2 µR/hr</u>
Bottom	<u>9</u>	<u>—</u>
Side 1	<u>10</u>	<u>2 µR/hr</u>
Side 2	<u>10</u>	<u>2 µR/hr</u>
Side 3	<u>9</u>	<u>—</u>
Side 4	<u>11</u>	<u>2 µR/hr</u>

Package Sketch

Package Surface Area [cm²] 3,206

Meter	
Manufacturer	<u>Ludlum</u>
Model	<u>2929</u>
Serial No.	<u>208319</u>
Cal Due Date	<u>06/27/2023</u>

Detector	
Manufacturer	<u>Ludlum</u>
Model	<u>43-10-1</u>
Serial No.	<u>PR 215938</u>
Cal Due Date	<u>06/27/2023</u>

FC Passed (Y/N)	<u>Y</u>
BKG Alpha (cpm)	<u>1</u>
BKG Beta/Gamma	<u>51</u>
300 cm ²	<u>Y</u>
Surveyed (Y/N)	<u>Y</u>
Entire Package Surveyed (Y/N)	<u>N</u>

Measurement	Alpha				Beta/Gamma				Meets Limits	Labeled
	Gross [cpm]	Net [cpm]	Swipe Efficiency	dpm/cm ²	Gross [cpm]	Net [cpm]	Swipe Efficiency	dpm/cm ²		
Swipe 1	<u>4</u>	<u>3</u>	<u>0.1</u>	<u>0.6</u>	<u>61</u>	<u>10</u>	<u>0.1</u>	<u>4.2</u>	<u>AH</u>	<u>AH</u>
Swipe 2	<u>7</u>	<u>6</u>	<u>0.1</u>	<u>1.3</u>	<u>48</u>	<u>—</u>	<u>0.1</u>	<u>—</u>	<u>AH</u>	
			<u>0.1</u>				<u>0.1</u>			
			<u>0.1</u>				<u>0.1</u>			

Surveyor Signature: Andrew Halverson

Released

Date: 10/27/2022

Time: 07:21



Address: 364 CIRCLE DRIVE
CASPER
WY 82601
Location: CPRA
Device ID: -BTC01
Transaction: 940349215667

FedEx Ground

Tracking Number:
279654595146 3.90 lb (S) 12.93

Declared Value 0

Recipient Address:
eagle
3341 harrison ave
Butte, MT 59701
8888888888

Scheduled Delivery Date 10/31/2022

Pricing option:
STANDARD RATE

Package Information:
Your Packaging
12 x 9 x 6

Shipment subtotal: \$12.93

Total Due: \$12.93

M = Weight entered manually
S = Weight read from scale
T = Taxable item

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Oct 27, 2022 9:19:16 AM