PTOE Services LLC
1319 Massachusetts Ave, Cape May, NJ 08204
[redacted]
E-Mail: PTOEServicesLLC@gmail.com

Analytical Research Report:
SIDNEY-002

STUDY TITLE:
Chemical Analysis & Physical Characterization of Ten (10)Sample Materials received in One (1) Shipment on 24 April 2024, as noted on Page-2.

The intent of this report is to provide an Accurate Assay of any Precious Metals present in these submitted Sample materials.

STUDY SPONSOR:
Sidney Resources Corp.
ATTN: Dan Hally / COO; PO Box 817, Lewiston, ID 83501
[redacted]

STUDY GROUP:
PTOE Services LLC, 1319 Massachusetts Ave, Cape May, NJ 08204
ATTN: Dr. Jerry DeMenna / Chief Technical Officer - Analytical Lab Director
[redacted]

DATE:
START: 24-Apr-24
PRELIMINARY: *18-May-24* *12-Jun-24*
FINAL: *{pending}*

1.0 Study Objective:

PTOE Services LLC and Sidney Resources Corp are collaborating on the testing and potential processing of various Precious Metal ("PM") Ores and Concentrates originating in Idaho as the referenced areas in the SSF.

The intent of this Study is to evaluate the Physical and Chemical characteristics of these materials to determine their Value.

2.0 Study Materials:

Bulk Ore and Concentrate material =

Sidney Resources Corp submitted a total of Ten (10) Samples sent in One (1) Shipment received on 24 April 2024. All these materials were Crushed & Milled by PTOE Services, were Screened to ~180 to 240 mesh & Riffle-Split by PTOE for Sample Analysis and Retain purposes.

The summary of the description of these Samples are noted below:

Sample Set #1 - Report issue date: 18-May-2024

SMP-1: "#525 / Tan Powder, Table Feed"
SMP-2: "#526 / #2 Cons from Shaker Table"
SMP-3: "#527 / Dark Brown, #2 Cons, Mag"
SMP-4: "#528 / Black, Silver, Tan, #2 Cons, Non-Mag"
SMP-5: "#529 / Black Slag, Glass-like"

Sample Set #2 - Report issue date *{pending}*

SMP-6: "#530 / Green Slag, Glass-like"
SMP-7: "#531 / Tan, Gray, Black Raw Ore"
SMP-8: "#532 / Tan, #3 Cons from Shaker Table"
SMP-9: "#533 / Gray Metal Button, No Collector"
SMP-10: "#534 / Gray Silver Metal Button, Ag Collector"

3.0 Methods:

3.1 Elemental Composition:

3.1.1 Bulk Metals / Gangue-Matrix Content by XRF -

3.1.1.1 Tests were performed on the Milled material after Sieve Screening to >180mesh PSD and passing through a 4-channel Riffle Splitter.
3.1.1.2 Calibrations were made using XRF-Wavelength Geochemical Standards.
3.1.1.3 The Precision of the quantitative analysis is +/- 20% relative.
3.1.1.4 The typical Detection Limit without Interference Correction is 0.01%wt.

3.1.2 Specific Precious Metals Content by DCP -

3.1.2.1 Metal-specific Assay: Duplicate (2) sets of Sample Preparations were employed to determine the concentration of the Metals-of-interest.
3.1.2.1.1 Total Precious Metals / Au, Pd, Pt, Rh, Ir, Ru & Os
3.1.2.1.2 A preparation of 1%wt Sample material in proprietary 5-Flux Fusion technique (Oxidizing & Alkaline to prevent loss of Ru and Os) with a Mixed Acid Digestion to dissolve ALL the Precious Metals.
3.1.2.2 Analysis of the Prepared Sample Solutions by D-C Plasma Emission Spectroscopy (DCP) using NIST-traceable Calibration Standards
3.1.2.3 The Precision and Accuracy of these Quantitative Analyses is +/- 2% relative to the actual values.
3.1.2.4 The typical Detection Limit in a prepared Solution by DCP is approximately 0.1ppm / 100ppb / 0.00001%.

4.0 Equipment:

4.1 Shimadzu Model-900HS Energy-Dispersive X-Ray Fluorescence Spectrometer -
4.1.1 Full Elemental Range from Sodium (Atomic Number = 11) to Uranium (Atomic Number = 92).
4.1.2 Quantitative Scans based on NIST-Traceable Geological Reference Standards.

4.2 Beckman Spectra-Span V Direct-Current Plasma Emission Spectrometer System: -
4.2.1 High-Resolution Eschelle Spectrometer to minimize Spectral Interferences.
4.2.2 Dynamic Cross-Flow high-Solids Alumina Nebulizer for high-Accuracy measurements in complex Sample matrices.
4.2.3 Emission signal measurements outside of the Argon Plasma for minimal Chemical and/or Background interferences.

NOTE: Assays performed by PTOE Services LLC utilize Instrumentation that is ISO-9000 Certified and Calibration Standards that are NIST-Traceable for highest Accuracy. Please refer to our Statement of Certification for details.

SIDNEY SAMPLE TABLE: 1st set of Five (5) Samples from SSF rcvd 24-Apr-2024 **18-May-24**

-=> NOTE: All Samples were prepared in DUPLICATE to ensure accurate Data Quality.

5-Flux Fusion: 1gm SMP + 2gm each KOH + K2S2O8 + Na2O2 + KNO3 + K2SO4; 30mins @ 650°C; dissolve in 25% HCl-10% H2SO4.

ALKALINE CYANIDE LEACH: 5gm Samples + 3gm KCN + 0.5gm KOH in 250ml H2O, warm to 60oC, bubble Air & stir for 4 hours. Cool & filter.

Assayer: Dr. Jerry DeMenna // PTOE/Chem-Chek Labs, Cape May, NJ // Data shown as noted below

Sample ID	ELEMENT to Test (Value Metals)	5-Flux Fusion / Zr Crucible with Mixed Acid Digestion & DCP Analysis								
		AVG Sample Weight (gm)	Final Volume (ml)	Prep-1 PPM in Soln	Prep-2 PPM in Soln	*Prep-1 PPM in Original Sample*	*Prep-2 PPM in Original Sample*	Diss. Yield (as %wt dissolved)*	AVG (%wt)	*AVG oz/ton*
SMP-1: "#525 / Tan Powder, Table Feed"	Platinum	1.0053	100	1.8	2.1	*179*	*209*	~80% Digested / ~20% light, fluffy, white Residue; ID = SiO2	0.019	*6.2*
	Gold			3.5	3.1	*348*	*308*		0.033	*10.5*
	Osmium			1.2	1.5	*119*	*149*		0.013	*4.3*
	Iridium			2.1	1.7	*209*	*169*		0.019	*6.0*
	Palladium			0.3	0.6	*30*	*60*		0.004	*1.4*
	Rhodium			0.5	0.2	*50*	*20*		0.003	*1.1*
	Ruthenium			0.5	0.8	*50*	*80*		0.006	*2.1*
	Silver			2.7	3.3	*269*	*328*		0.030	*9.5*
SMP-2: "#526 / #2 Cons from Shaker Table"	Platinum	1.0117	100	0.8	0.5	*80*	*50*	~85% Digested / ~15% light, fluffy, white Residue; ID = SiO2	0.006	*2.1*
	Gold			0.6	0.9	*60*	*90*		0.007	*2.4*
	Osmium			<0.01	<0.01	*<0.1*	*<0.1*		<0.01	*n/a*
	Iridium			0.4	0.7	*40*	*70*		0.005	*1.8*
	Palladium			0.6	0.3	*60*	*30*		0.004	*1.4*
	Rhodium			0.2	0.5	*20*	*50*		0.003	*1.1*
	Ruthenium			<0.01	<0.01	*<0.1*	*<0.1*		<0.1	*n/a*
	Silver			1.3	0.9	*129*	*90*		0.011	*3.5*
SMP-3: "#527 / Dark Brown, #2 Cons, Mag"	Platinum	1.00950	100	4.4	3.9	*438*	*388*	~95% Digested / ~5% light, fluffy, white Residue; ID = SiO2	0.041	*13.2*
	Gold			6.0	6.5	*597*	*647*		0.062	*19.9*
	Osmium			3.4	3.8	*338*	*378*		0.036	*11.5*
	Iridium			2.9	3.5	*288*	*348*		0.032	*10.2*
	Palladium			0.4	0.9	*40*	*90*		0.006	*2.1*
	Rhodium			0.5	0.8	*50*	*80*		0.006	*2.1*
	Ruthenium			1.6	2.1	*159*	*209*		0.018	*5.9*
	Silver			47.3	51.8	*4705*	*5153*		0.493	*158*
SMP-4: "#528 / Black, Silver, Tan, #2 Cons, Non-Mag"	Platinum	1.00810	100	2.1	2.7	*209*	*269*	~80% Digested / ~20% light, fluffy, white Residue; ID = SiO2	0.024	*7.6*
	Gold			0.8	1.4	*80*	*139*		0.011	*3.5*
	Osmium			2.7	2.2	*269*	*219*		0.024	*7.8*
	Iridium			2.4	2.8	*239*	*279*		0.026	*8.3*
	Palladium			0.6	0.3	*60*	*30*		0.004	*1.4*
	Rhodium			0.5	0.9	*50*	*90*		0.007	*2.2*
	Ruthenium			1.7	1.4	*169*	*139*		0.015	*4.9*
	Silver			7.2	6.7	*716*	*666*		0.069	*22.1*
SMP-5: "#529 / Black Slag, Glass-like"	Platinum	1.010	100	1.8	1.4	*179*	*139*	~85% Digested / ~15% light, fluffy, white Residue; ID = SiO2	0.016	*5.1*
	Gold			0.5	0.8	*50*	*80*		0.006	*2.1*
	Osmium			1.2	1.6	*119*	*159*		0.014	*4.5*
	Iridium			1.8	2.3	*179*	*229*		0.020	*6.5*
	Palladium			0.9	1.4	*90*	*139*		0.011	*3.7*
	Rhodium			1.1	0.7	*109*	*70*		0.009	*2.9*
	Ruthenium			0.8	0.5	*80*	*50*		0.006	*2.1*
	Silver			3.7	4.2	*368*	*418*		0.039	*12.6*

		Alkaline Cyanide Leach for Gold & Silver only									
SMP-1: #525	Gold	5.0105	250	3.3	2.8	*165*	*140*	n/a	0.015	*4.9*	0.033
	Silver			2.4	2.7	*120*	*135*		0.013	*4.1*	0.030
SMP-2: #526	Gold	5.0093	250	1.2	0.8	*60*	*40*	n/a	0.005	*1.6*	0.007
	Silver			2.1	1.8	*105*	*90*		0.010	*3.1*	0.011
SMP-3: #527	Gold	5.0058	250	7.7	8.3	*384*	*414*	n/a	0.040	*12.8*	0.062
	Silver			68.8	74.2	*3433*	*3702*		0.357	*114*	0.493
SMP-4: #528	Gold	5.0112	250	2.2	2.5	*110*	*125*	n/a	0.012	*3.8*	0.011
	Silver			11.2	12.3	*559*	*614*		0.059	*18.8*	0.069
SMP-5: #529	Gold	5.0106	250	1.4	1.7	*70*	*85*	n/a	0.008	*2.5*	0.006
	Silver			7.4	6.9	*369*	*344*		0.036	*11.4*	0.039

SIDNEY SAMPLE TABLE: 2nd set of Five (5) Samples from SSF rcvd 24-Apr-2024 *11-Jun-24*

-=> NOTE: All Samples were prepared in DUPLICATE to ensure accurate Data Quality.

5-Flux Fusion: 1gm SMP + 2gm each KOH + K2S2O8 + Na2O2 + KNO3 + K2SO4; 30mins @ 650°C; dissolve in 25% HCl-10% H2SO4.

ALKALINE CYANIDE LEACH: 5gm Samples + 3gm KCN + 0.5gm KOH in 250ml H2O, warm to 60oC, bubble Air & stir for 4 hours. Cool & filter.

Assayer: Dr. Jerry DeMenna // PTOE/Chem-Chek Labs, Cape May, NJ // Data shown as noted below

Sample ID	ELEMENT to Test (Value Metals)	5-Flux Fusion / Zr Crucible with Mixed Acid Digestion & DCP Analysis								
		AVG Sample Weight (gm)	Final Volume (ml)	Prep-1 PPM in Soln	Prep-2 PPM in Soln	*Prep-1 PPM in Original Sample*	*Prep-2 PPM in Original Sample*	Diss. Yield (as %wt dissolved)*	AVG (%wt)	*AVG oz/ton*
SMP-6: "#530 / Green Slag, Glass-like"	Platinum	1.0205	100	0.6	0.8	*59*	*78*	~80% Digested / ~20% light, fluffy, white Residue; ID = SiO2	0.007	*2.2*
	Gold			0.2	0.3	*20*	*29*		0.002	*0.8*
	Osmium			0.8	1.1	*78*	*108*		0.009	*3.0*
	Iridium			2.2	2.6	*216*	*255*		0.024	*7.5*
	Palladium			0.5	0.3	*49*	*29*		0.004	*1.3*
	Rhodium			0.4	0.6	*39*	*59*		0.005	*1.6*
	Ruthenium			0.4	0.6	*39*	*59*		0.005	*1.6*
	Silver			1.4	1.1	*137*	*108*		0.012	*3.9*
SMP-7: "#531 / Tan, Gray, Black Raw Ore"	Platinum	1.0037	100	2.5	2.7	*245*	*265*	~85% Digested / ~10% light, fluffy, white Residue; ID = SiO2 + ~5% dense, black Residue, Non-Magnetic; no ID	0.025	*8.2*
	Gold			0.6	0.8	*59*	*78*		0.007	*2.2*
	Osmium			2.8	3.3	*274*	*323*		0.030	*9.6*
	Iridium			2.4	2.1	*235*	*206*		0.022	*7.1*
	Palladium			0.7	0.7	*69*	*69*		0.007	*2.2*
	Rhodium			0.5	0.3	*49*	*29*		0.004	*1.3*
	Ruthenium			0.8	1.2	*78*	*118*		0.010	*3.1*
	Silver			10.3	11.8	*1009*	*1156*		0.108	*34.6*
SMP-8: "#532 / Tan, #3 Cons from Shaker Table"	Platinum	1.01520	100	0.8	1.3	*78*	*127*	~70% Digested / ~30% light, fluffy, white Residue; ID = SiO2	0.010	*3.3*
	Gold			2.2	1.7	*216*	*167*		0.019	*6.1*
	Osmium			0.6	0.9	*59*	*88*		0.007	*2.4*
	Iridium			0.4	0.6	*39*	*59*		0.005	*1.6*
	Palladium			<0.1	<0.1	*<0.01*	*<0.01*		<0.01	*n/a*
	Rhodium			<0.1	<0.1	*<0.01*	*<0.01*		<0.01	*/a*
	Ruthenium			0.3	0.5	*29*	*49*		0.004	*1.3*
	Silver			12.3	13.1	*1205*	*1284*		0.124	*39.8*
SMP-9: "#533 / Gray Metal Button, No Collector"	Platinum	1.00730	100	4.9	3.1	*480*	*304*	~90% Digested / ~10% dense, dark black-brown Residue; no ID	0.039	*12.5*
	Gold			8.2	5.1	*804*	*500*		0.065	*20.9*
	Osmium			33.1	23.7	*3244*	*2322*		0.278	*89.1*
	Iridium			3.8	5.7	*372*	*559*		0.047	*14.9*
	Palladium			1.5	0.7	*147*	*69*		0.011	*3.4*
	Rhodium			0.6	0.9	*59*	*88*		0.007	*2.4*
	Ruthenium			11.6	7.3	*1137*	*715*		0.093	*29.6*
	Silver			27.6	14.8	*2705*	*1450*		0.208	*66.5*
SMP-10: "#534 / Gray Silver Metal Button, Ag Collector"	Platinum	1.012	100	4.2	6.6	*412*	*647*	~90% Digested / ~10% dense, dark black-brown Residue; no ID	0.053	*16.9*
	Gold			6.5	9.7	*637*	*951*		0.079	*25.4*
	Osmium			16.3	24.7	*1597*	*2420*		0.201	*64.3*
	Iridium			4.8	2.3	*470*	*225*		0.035	*11.1*
	Palladium			1.5	0.7	*147*	*69*		0.011	*3.4*
	Rhodium			0.5	0.2	*49*	*20*		0.003	*1.1*
	Ruthenium			4.5	7.3	*441*	*715*		0.058	*18.5*
	Silver			n/a	n/a	*<0.01*	*<0.01*		<0.01	*n/a*

		Alkaline Cyanide Leach for Gold & Silver only								
SMP-6: #530	Gold	5.0305	250	0.9	0.7	*45*	*35*	n/a	0.004	*1.3*
	Silver			2.7	2.4	*134*	*119*		0.013	*4.1*
SMP-7: #531	Gold	5.0143	250	2.1	1.7	*104*	*84*	n/a	0.009	*3.0*
	Silver			26.6	25.7	*1322*	*1277*		0.130	*41.6*
SMP-8: #532	Gold	5.0117	250	4.4	4.1	*219*	*204*	n/a	0.021	*6.8*
	Silver			30.3	28.9	*1506*	*1436*		0.147	*47.1*
SMP-9: #533	Gold	*n/a*	*n/a*			*0*	*0*	n/a	0.000	*0.0*
	Silver					*0*	*0*		0.000	*0.0*
SMP-10: #534	Gold	*n/a*	*n/a*			*0*	*0*	n/a	0.000	*0.0*
	Silver					*0*	*0*		0.000	*0.0*

PHYSICAL PROPERTIES:

SIDNEY SAMPLE TABLE: 1st set of Five (5) Samples from SSF rcvd 24-Apr-2024

Material ID	DENSITY (gm/cc) on ~180 mesh Screened material		Moisture (%wt)	Ash Residue (%wt)	Magnetics (%wt)
	Bulk	Tap			
SMP-1: "#525 / Tan Powder, Table Feed"	1.01	1.31	~3%	~85%	<2%
SMP-2: "#526 / #2 Cons from Shaker Table"	1.48	1.61	~5%	~80%	13%
SMP-3: "#527 / Dark Brown, #2 Cons, Mag"	1.96	2.27	<2%	~95%	82%
SMP-4: "#528 / Black, Silver, Tan, #2 Cons, Non-Mag"	1.32	1.47	~5%	~80%	7%
SMP-5: "#529 / Black Slag, Glass-like"	1.76	2.35	<2%	~95%	17%

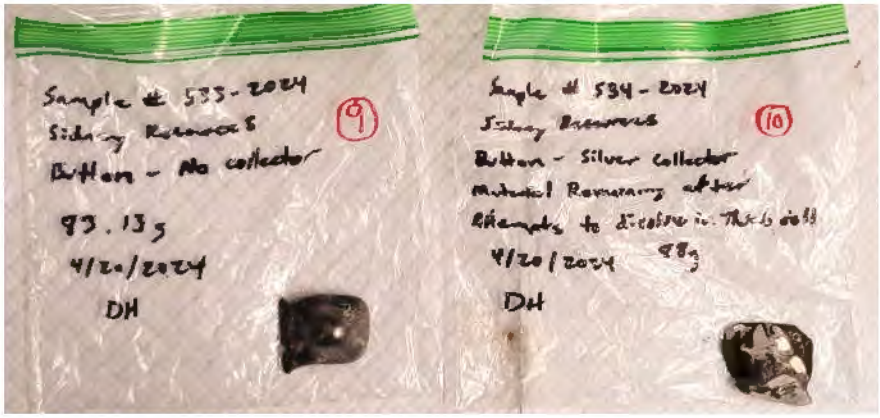
ANALYST: Dr. Jerry DeMenna ; PTOE/Chem-Chek Labs 18-May-24

PHYSICAL PROPERTIES:

SIDNEY SAMPLE TABLE: 2nd set of Five (5) Samples from SSF rcvd 24-Apr-2024

Material ID	DENSITY (gm/cc) on ~180 mesh Screened material		Moisture (%wt)	Ash Residue (%wt)	Magnetics (%wt)
	Bulk	Tap			
SMP-6: "#530 / Green Slag, Glass-like"	1.22	1.46	<2%	>98%	5%
SMP-7: "#531 / Tan, Gray, Black Raw Ore"	1.25	1.53	~3%	~95%	20%
SMP-8: "#532 / Tan, #3 Cons from Shaker Table"	1.55	1.82	~5%	~93	<2%
SMP-9: "#533 / Gray Metal Button, No Collector"	n/a				
SMP-10: "#534 / Gray Silver Metal Button, Ag Collector"					

ANALYST: Dr. Jerry DeMenna ; PTOE/Chem-Chek Labs *{tbd}*



PTOE Sample Submission Form for Ore Evaluation [Matrix and Precious Metals ("PM")]

Please Complete Below!

Company Name: Sidney Resources Corporation DATE: 04/09/2024

Company Address: PO Box 817, Lewiston, ID 83501

Contact Name / Title: Dan Hally / Chief Operations Officer E-Mail / Cellphone: dan@sdrccorp.com / 509-551-9858

Payment (see Invoice for details): EFT / Wire (preferred) ☑ Check: ☐ Money App (Venmo, PayPal, CashApp, Zelle) ☐

SPECIAL INSTRUCTIONS / WARNINGS (Volatile Os/Ru/As content, Fine Dust Hazard, etc):

SHIPMENT INSTRUCTIONS:
1) E-Mail this SSF to PTOEServicesLLC@gmail.com so I can generate a Quotation / Pro-forma Invoice.
2) Upon receipt of E-Mail with your Invoice, reply back if you want to proceed as prepare your Sample(s) as noted - Sample Sizes are limited to ~100 grams per Sample material, no larger than 1/4" or 8 mesh, sealed in Two (2) Zip-lock type Bags marked with Sample ID, and with a hard-copy of this SSF included with the Shipment in a BOX, no PAILS!
3) For larger Sample Submissions to do Process Development & Recovery work, E-Mail for authorization first.
4) Shipments & Samples NOT complying with the above will be discarded without opening per ISO requirements.

SAMPLE IDENTIFICATION = *PLEASE FILL IN WITH AS MUCH INFORMATION AS AVAILABLE TO EXPEDITE TESTING - Use 2nd page as needed*

	SMP # & Weight	*Visual / Ore Description (Color, Form & Particle Size, Mineral Type, Past Assays, etc)*	*Ore Body Location (Country, Town/Area)*	*Testing Requested Matrix (XRF) / PM (DCP)*
1	#525 /100 g	80 mesh tan power. table feed	USA, Warren District, Idaho	☒ / ☒
2	#526 100 g	80 mesh, colors = tan. #2 con from shaker table	USA, Warren District, Idaho	☒ / ☒
3	#527 101g	80 mesh, colors = black, dark brown. #2 Con Magnetics	USA, Warren District, Idaho	☒ / ☒
4	#528 100 g	80 mesh, colors = black, silver, tan. #2 Con non-magnetics	USA, Warren District, Idaho	☒ / ☒
5	#529 110 g	1/4 " minus slag, black in color, glass like material	USA, Warren District, Idaho	☒ / ☒
6	#530 123 g	1/4 " minus slag, green in color, glass like material	USA, Warren District, Idaho	☒ / ☒
7	#531 233 g	1/4" minus, tan, gray, black, rock chips Raw Ore	USA, Warren District, Idaho	☒ / ☒
8	#532 100 g	80 mesh, tan, Con #3 from shaker table	USA, Warren District, Idaho	☒ / ☒

PTOE SSF / Rev5 / issued 25Jul2023

PTOE Sample Submission Form for Ore Evaluation [Matrix and Precious Metals ("PM")] *(con't)*

SAMPLE IDENTIFICATION =

	SMP # & Weight	*Visual / Ore Description (Color, Particle Size, Mineral Type, Past Assays, etc)*	*Ore Body Location (Country, Town/Area)*	*Testing Requested Matrix (XRF) / PM (DCP)*
9	#533 83 g	Gray metal allow possible Fe, Au, Ag, Ir, Cu, Mn Button No collector	USA, Warren District, Idaho	☒ / ☒
10	#534 88g	Gray Silver metal alloy, Fe, Au, Ag, Ir, Cu, Mn Button w Silver Collector	USA, Warren District, Idaho	☒ / ☒
				☐ / ☐

The following pages show the X-Ray Fluorescence (XRF) Scans identifying the Matrix Elements (Gangue) for the Ten (10) Samples submitted by Sidney Resources Corp for Research-grade Analytical Testing.

NOTE: XRF Data is shown on a METALS-ONLY basis as it cannot detect or measure compounds such as Oxides, Carbonates, Sulfates / Sulfides, Phosphates, etc.

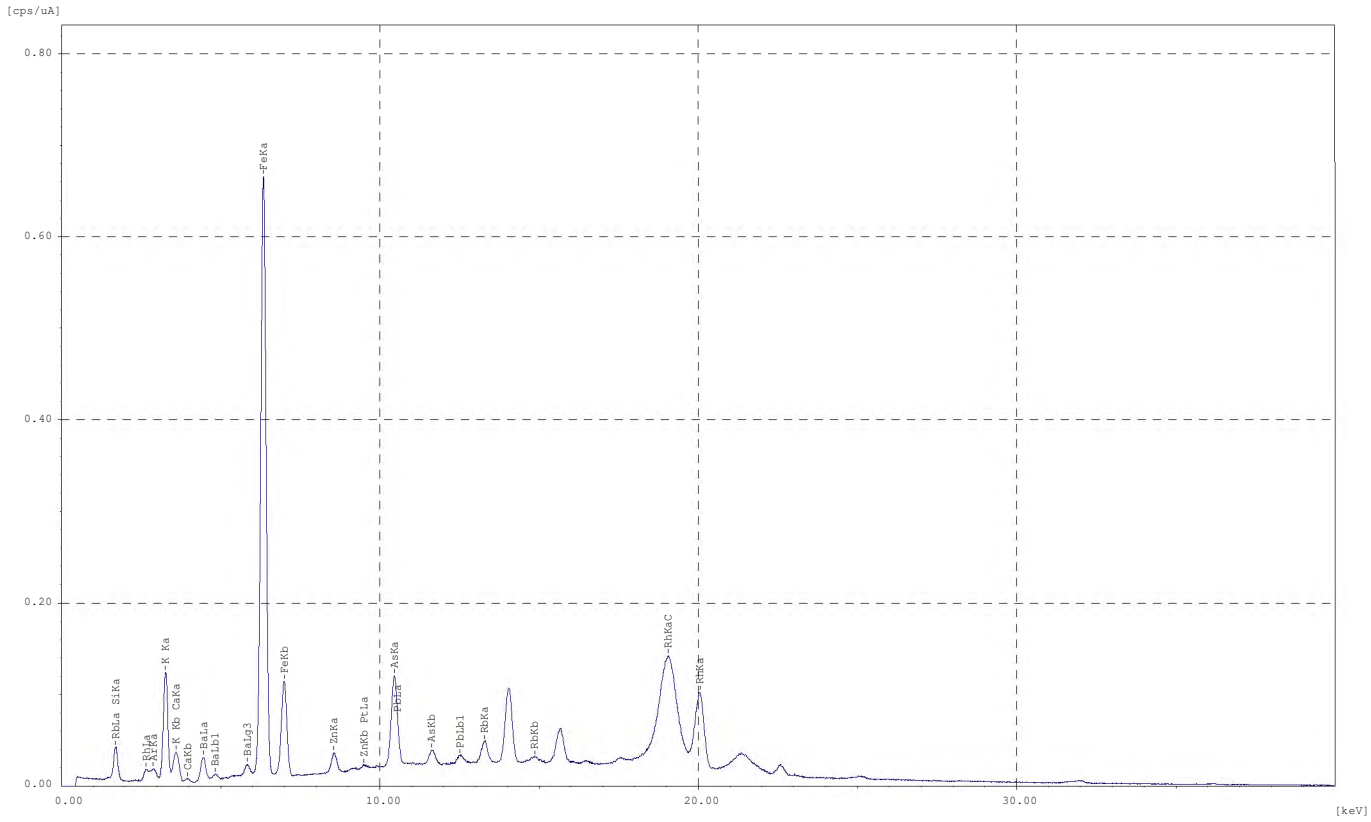
XRF Calibration is done for the Base Metals only, and not the Precious Metals, which are properly and more accurately analyzed by Direct-Current Plasma Emission Spectroscopy (DCP).

Sample : sdny-525-table_feed
Operator: Dr. JD
Comment : sample cell 6um mylar
Group   : powder_air
Date   : 2024-04-25 14:56:09

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh 50	842-Auto	----	0 - 40	0.00-40.00	Live- 100	9



Quantitative Result

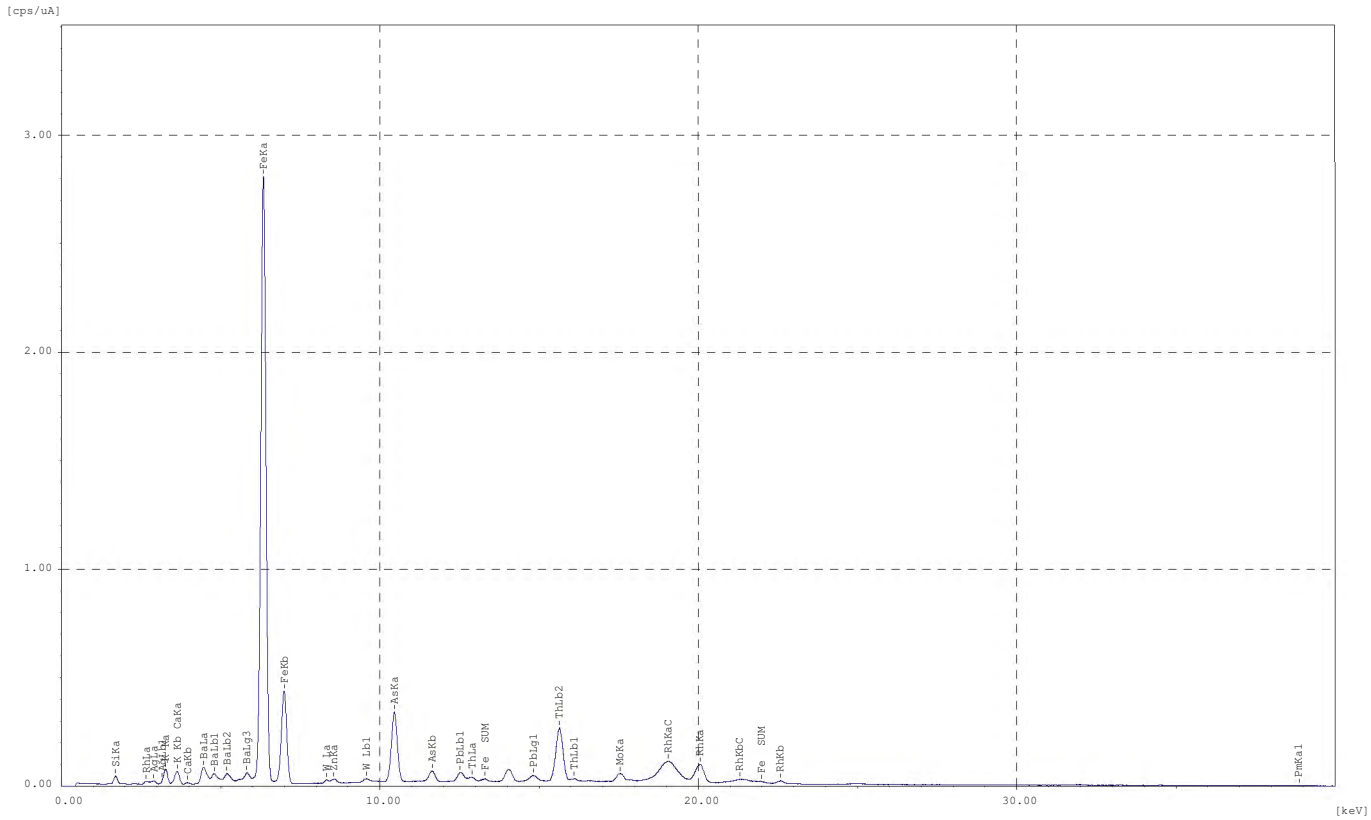
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
====[No. 1 Layer]====<	Layer1		>==========		
	6.000 um	(------)	Fix	--------	--------
C10H8O4	100.000 %	(------)	Fix	--------	--------
====[No. 2 Layer]====<	Base		>==========		
Si	71.352 %	(0.684)	Quan-FP	SiKa	0.2164
K	16.161 %	(0.060)	Quan-FP	K Ka	0.9571
Fe	7.721 %	(0.011)	Quan-FP	FeKa	6.2382
Ba	2.494 %	(0.024)	Quan-FP	BaLa	0.2062
Ca	1.350 %	(0.026)	Quan-FP	CaKa	0.1153
As	0.505 %	(0.008)	Quan-FP	AsKb	0.1879
Pb	0.138 %	(0.004)	Quan-FP	PbLb1	0.1106
Zn	0.135 %	(0.002)	Quan-FP	ZnKa	0.2140
Rb	0.129 %	(0.001)	Quan-FP	RbKa	0.2872
Pt	0.017 %	(0.003)	Quan-FP	PtLa	0.0128

Sample : sdny-526-#2_grv_cons
Operator: Dr. JD
Comment : sample cell 6um mylar
Group   : powder_air
Date   : 2024-04-25 14:52:25

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh 50	413-Auto	----	0 - 40	0.00-40.00	Live- 100	7



Quantitative Result

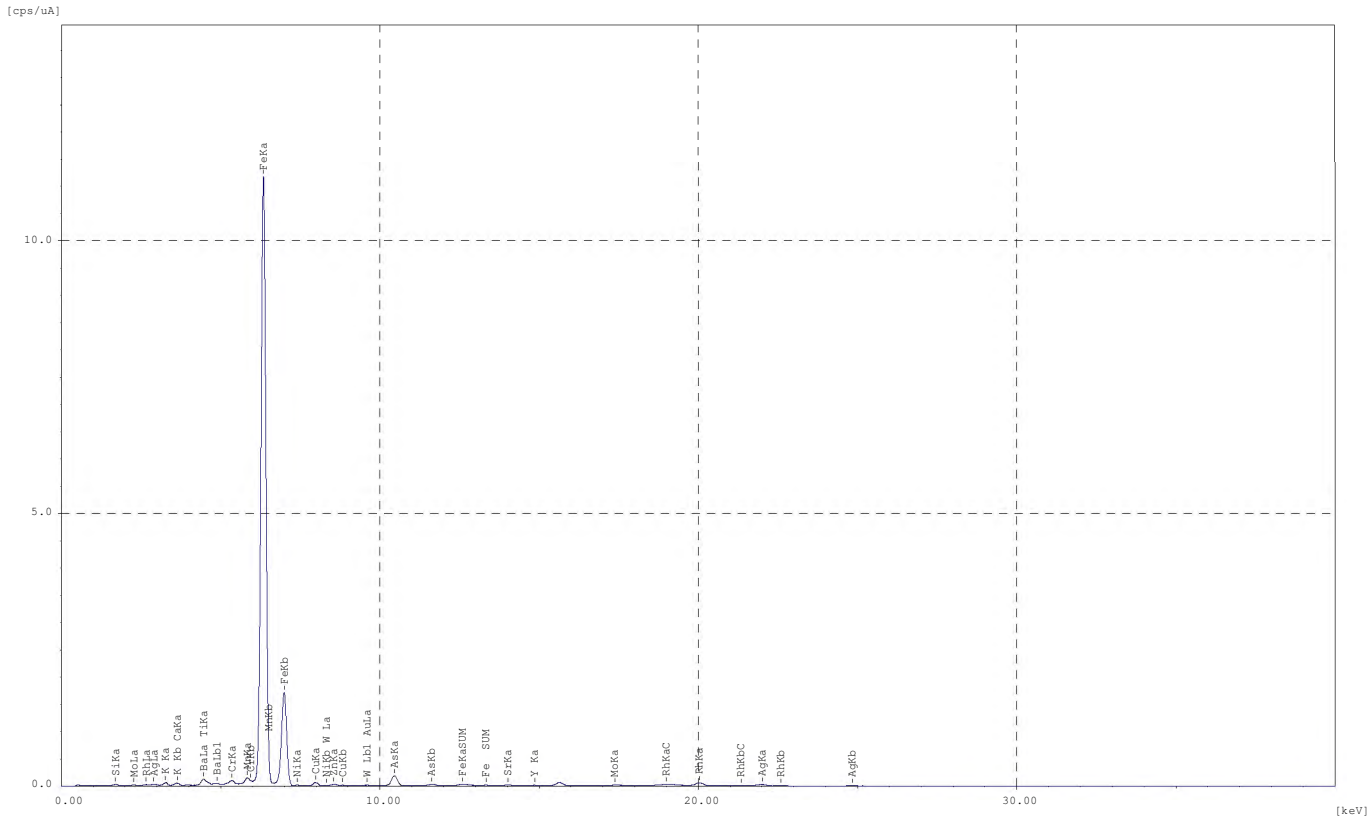
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
====[No. 1 Layer]====<	Layer1	>====			
	6.000 um	(------)	Fix	--------	--------
C10H8O4	100.000 %	(------)	Fix	--------	--------
====[No. 2 Layer]====<	Base	>====			
Si	63.347 %	(0.856)	Quan-FP	SiKa	0.2242
Fe	21.853 %	(0.021)	Quan-FP	FeKa	25.6771
K	5.706 %	(0.044)	Quan-FP	K Ka	0.5212
Ba	4.975 %	(0.033)	Quan-FP	BaLa	0.7334
Ca	1.457 %	(0.025)	Quan-FP	CaKa	0.2265
As	1.436 %	(0.012)	Quan-FP	AsKb	0.5792
Pb	0.591 %	(0.006)	Quan-FP	PbLb1	0.5024
Mo	0.209 %	(0.002)	Quan-FP	MoKa	0.4566
W	0.185 %	(0.004)	Quan-FP	W La	0.1288
Th	0.136 %	(0.002)	Quan-FP	ThLa	0.2635
Zn	0.106 %	(0.002)	Quan-FP	ZnKa	0.1877

Sample : sdny-527-#2_mags
Operator: Dr. JD
Comment : sample cell 6um mylar
Group   : powder_air
Date   : 2024-04-25 14:48:31

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh 50	241-Auto	----	0 - 40	0.00-40.00	Live- 100	8



Quantitative Result

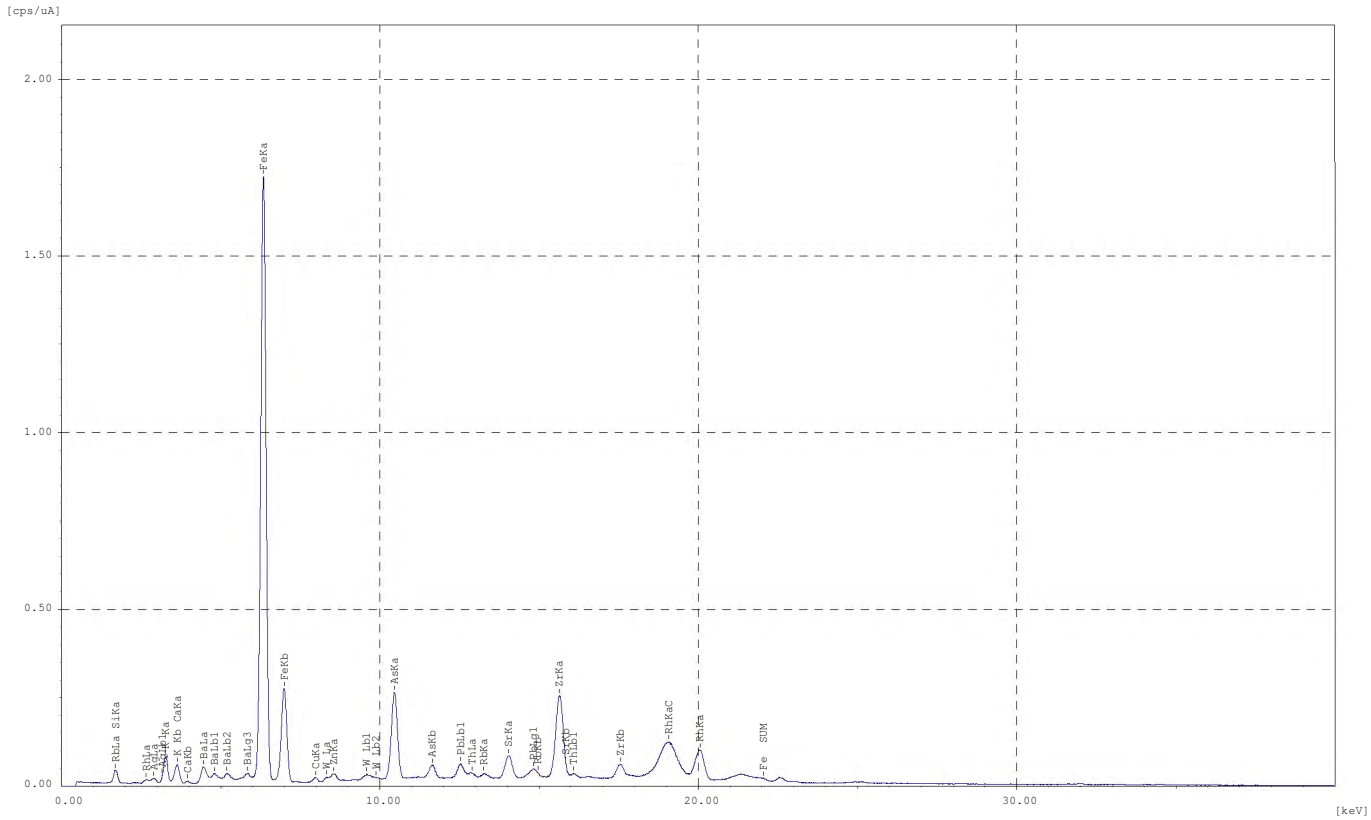
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
====[No. 1 Layer]====<	Layer1		>==========		
	6.000 um	(------)	Fix	--------	--------
C10H8O4	100.000 %	(------)	Fix	--------	--------
====[No. 2 Layer]====<	Base		>==========		
Fe	56.920 %	(0.037)	Quan-FP	FeKa	99.2589
Si	34.518 %	(0.921)	Quan-FP	SiKa	0.1354
K	2.141 %	(0.030)	Quan-FP	K Ka	0.3559
Ba	1.221 %	(0.027)	Quan-FP	BaLa	0.3502
As	0.871 %	(0.013)	Quan-FP	AsKb	0.3135
Ca	0.796 %	(0.016)	Quan-FP	CaKa	0.2361
Ti	0.785 %	(0.010)	Quan-FP	TiKa	0.6149
Mn	0.706 %	(0.006)	Quan-FP	MnKa	1.0282
Ag	0.668 %	(0.009)	Quan-FP	AgKa	0.3628
Cr	0.436 %	(0.005)	Quan-FP	CrKa	0.6525
Cu	0.384 %	(0.004)	Quan-FP	CuKa	0.5294
Zn	0.166 %	(0.003)	Quan-FP	ZnKa	0.2600
W	0.089 %	(0.006)	Quan-FP	W La	0.0551
Sr	0.073 %	(0.002)	Quan-FP	SrKa	0.1603
Mo	0.065 %	(0.002)	Quan-FP	MoKa	0.1352
Ni	0.058 %	(0.003)	Quan-FP	NiKa	0.0623
Au	0.057 %	(0.004)	Quan-FP	AuLa	0.0590
Y	0.047 %	(0.002)	Quan-FP	Y Ka	0.0980

Sample : sdny-528-#2_non-mags
Operator: Dr. JD
Comment : sample cell 6um mylar
Group   : powder_air
Date   : 2024-04-25 14:44:48

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh 50	603-Auto	----	0 - 40	0.00-40.00	Live- 100	9



Quantitative Result

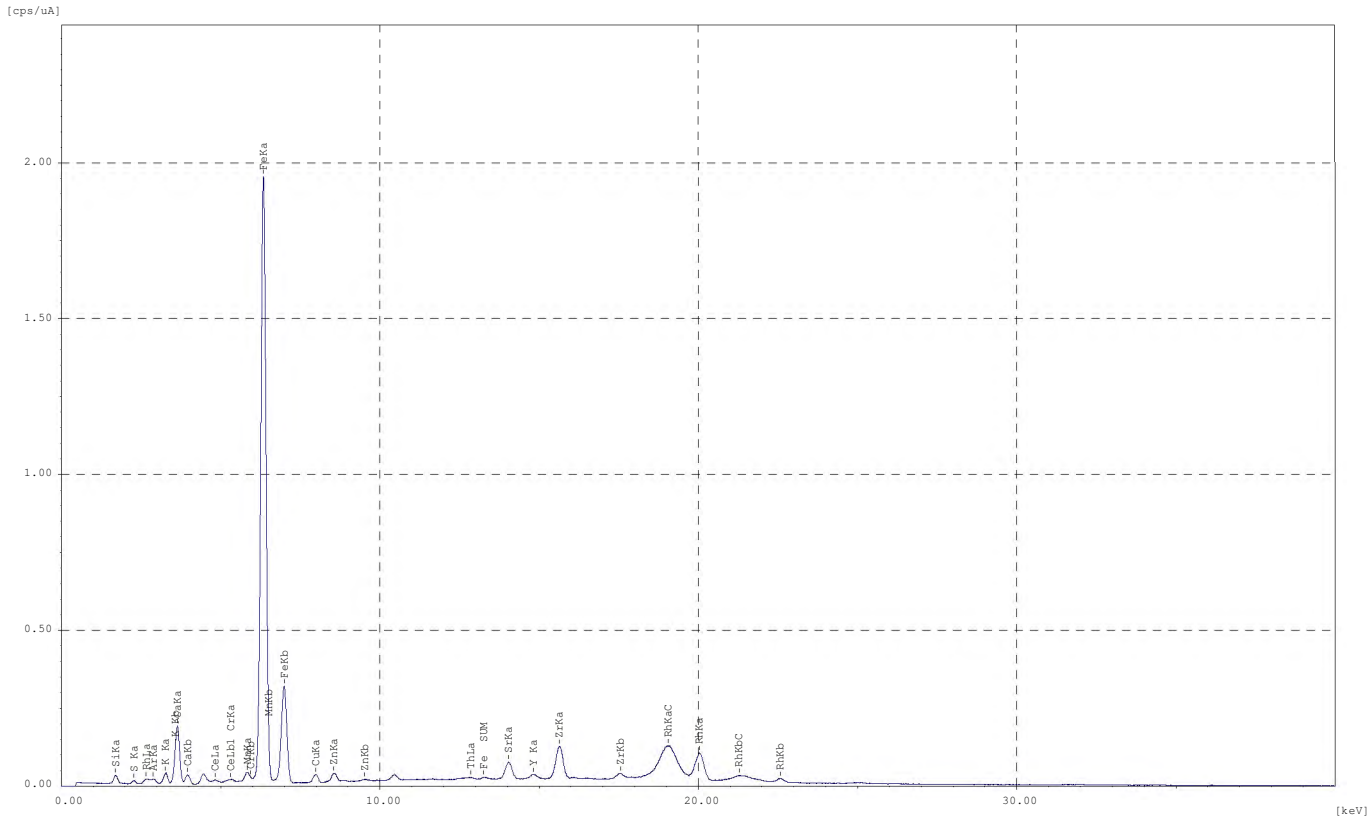
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
====[No. 1 Layer]====<	Layer1		>==========		
	6.000 um	(------)	Fix	--------	--------
C10H8O4	100.000 %	(------)	Fix	--------	--------
====[No. 2 Layer]====<	Base		>==========		
Si	67.128 %	(0.768)	Quan-FP	SiKa	0.2228
Fe	15.689 %	(0.016)	Quan-FP	FeKa	16.3045
K	7.300 %	(0.046)	Quan-FP	K Ka	0.5483
Ba	3.345 %	(0.027)	Quan-FP	BaLa	0.3923
Ca	2.520 %	(0.025)	Quan-FP	CaKa	0.3143
Zr	1.470 %	(0.004)	Quan-FP	ZrKa	2.9714
As	1.091 %	(0.010)	Quan-FP	AsKb	0.4354
Pb	0.589 %	(0.005)	Quan-FP	PbLb1	0.4985
Sr	0.351 %	(0.002)	Quan-FP	SrKa	0.7900
W	0.153 %	(0.004)	Quan-FP	W La	0.1050
Zn	0.125 %	(0.002)	Quan-FP	ZnKa	0.2168
Th	0.094 %	(0.002)	Quan-FP	ThLa	0.1762
Cu	0.077 %	(0.002)	Quan-FP	CuKa	0.1170
Rb	0.068 %	(0.001)	Quan-FP	RbKa	0.1568

Sample : sdny-529-black_slag
Operator: Dr. JD
Comment : sample cell 6um mylar
Group : powder_air
Date : 2024-04-25 14:40:35

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh 50	603-Auto	----	0 - 40	0.00-40.00	Live- 100	8



Quantitative Result

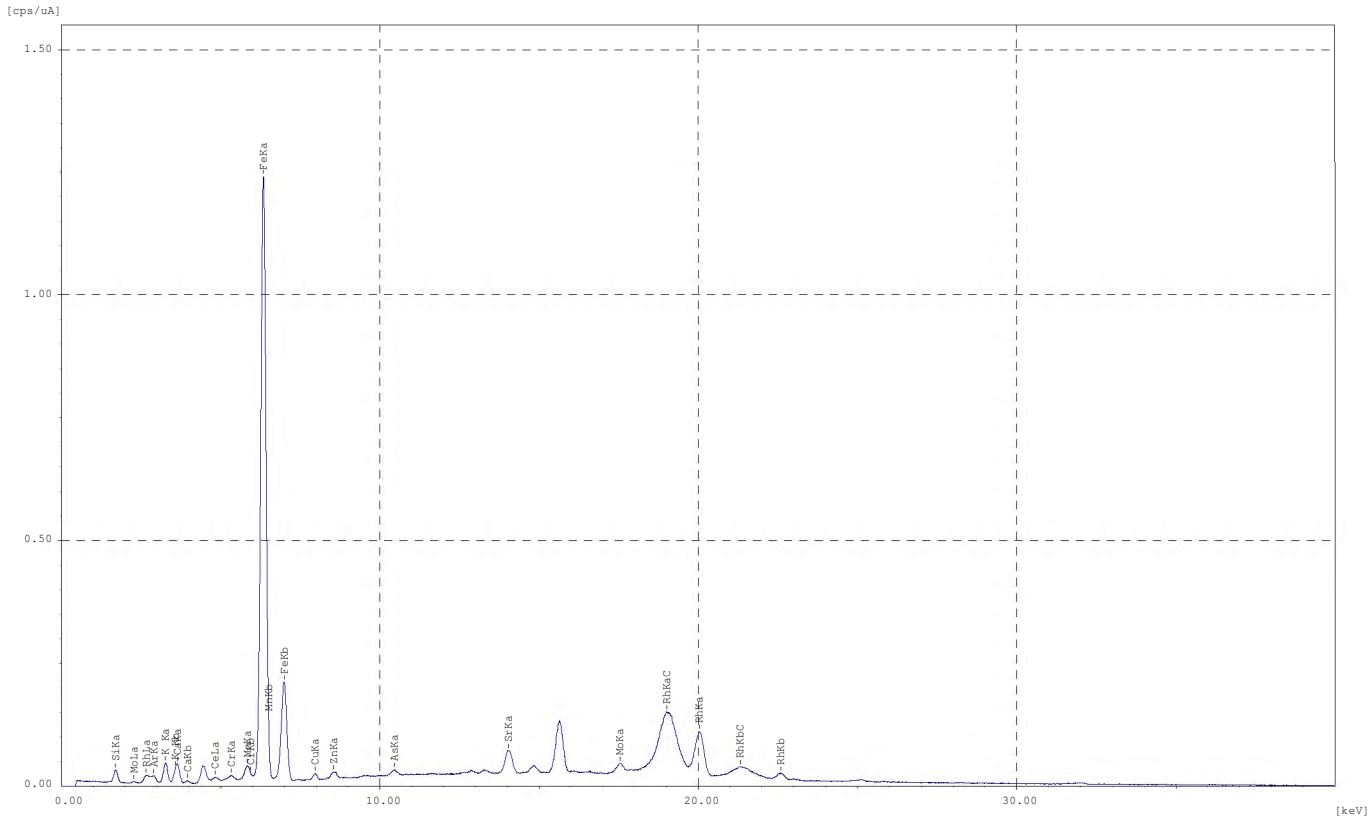
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
====[No. 1 Layer]====<	Layer1		>==========		
	6.000 um	(------)	Fix	--------	--------
C10H8O4	100.000 %	(------)	Fix	--------	--------
====[No. 2 Layer]====<	Base		>==========		
Si	56.976 %	(0.778)	Quan-FP	SiKa	0.1647
Fe	20.645 %	(0.020)	Quan-FP	FeKa	18.3412
Ca	11.743 %	(0.043)	Quan-FP	CaKa	1.4118
S	4.459 %	(0.130)	Quan-FP	S Ka	0.0572
K	3.522 %	(0.036)	Quan-FP	K Ka	0.2454
Zr	0.777 %	(0.003)	Quan-FP	ZrKa	1.3497
Ce	0.467 %	(0.011)	Quan-FP	CeLa	0.0937
Mn	0.430 %	(0.005)	Quan-FP	MnKa	0.2848
Sr	0.343 %	(0.002)	Quan-FP	SrKa	0.6537
Zn	0.213 %	(0.002)	Quan-FP	ZnKa	0.2841
Cu	0.211 %	(0.002)	Quan-FP	CuKa	0.2462
Y	0.095 %	(0.002)	Quan-FP	Y Ka	0.1727
Cr	0.071 %	(0.004)	Quan-FP	CrKa	0.0382
Th	0.047 %	(0.002)	Quan-FP	ThLa	0.0735

Sample : sdny-530-green_slag
Operator: Dr. JD
Comment : sample cell 6um mylar
Group   : powder_air
Date   : 2024-04-25 14:36:39

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh 50	677-Auto	----	0 - 40	0.00-40.00	Live- 100	8



Quantitative Result

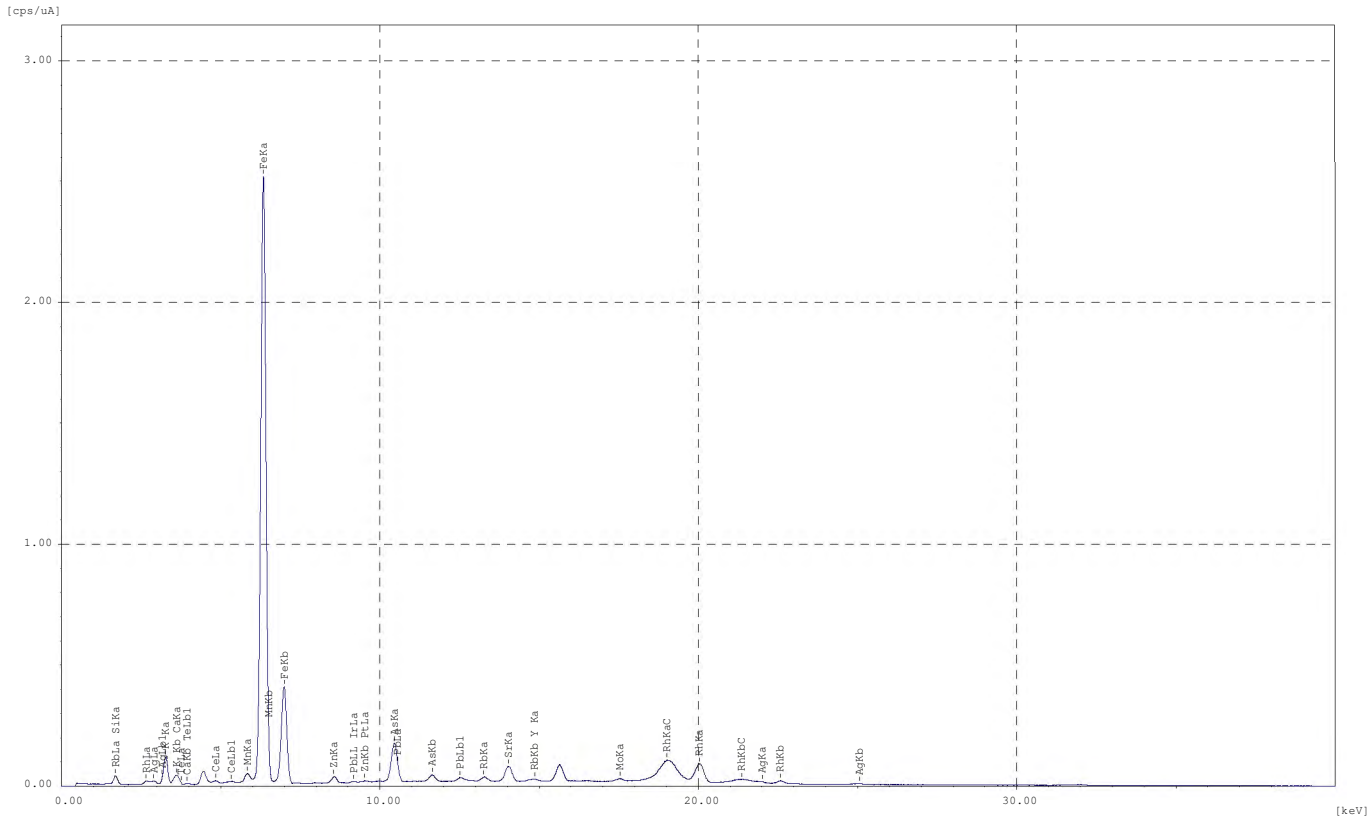
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
====[No. 1 Layer]====<	Layer1		>==========		
	6.000 um	(------)	Fix	--------	--------
C10H8O4	100.000 %	(------)	Fix	--------	--------
====[No. 2 Layer]====<	Base		>==========		
Si	70.992 %	(0.938)	Quan-FP	SiKa	0.1556
Fe	17.104 %	(0.019)	Quan-FP	FeKa	11.7162
K	6.270 %	(0.053)	Quan-FP	K Ka	0.2944
Ca	3.787 %	(0.032)	Quan-FP	CaKa	0.2998
Ce	0.464 %	(0.013)	Quan-FP	CeLa	0.0708
Mn	0.417 %	(0.005)	Quan-FP	MnKa	0.2126
Sr	0.384 %	(0.003)	Quan-FP	SrKa	0.5967
Cr	0.195 %	(0.005)	Quan-FP	CrKa	0.0798
Mo	0.143 %	(0.003)	Quan-FP	MoKa	0.2090
Zn	0.136 %	(0.002)	Quan-FP	ZnKa	0.1455
Cu	0.108 %	(0.002)	Quan-FP	CuKa	0.1005

Sample : sdny-531-blk_raw_ore
Operator: Dr. JD
Comment : sample cell 6um mylar
Group   : powder_air
Date   : 2024-04-25 14:32:28

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh 50	603-Auto	----	0 - 40	0.00-40.00	Live- 100	9



Quantitative Result

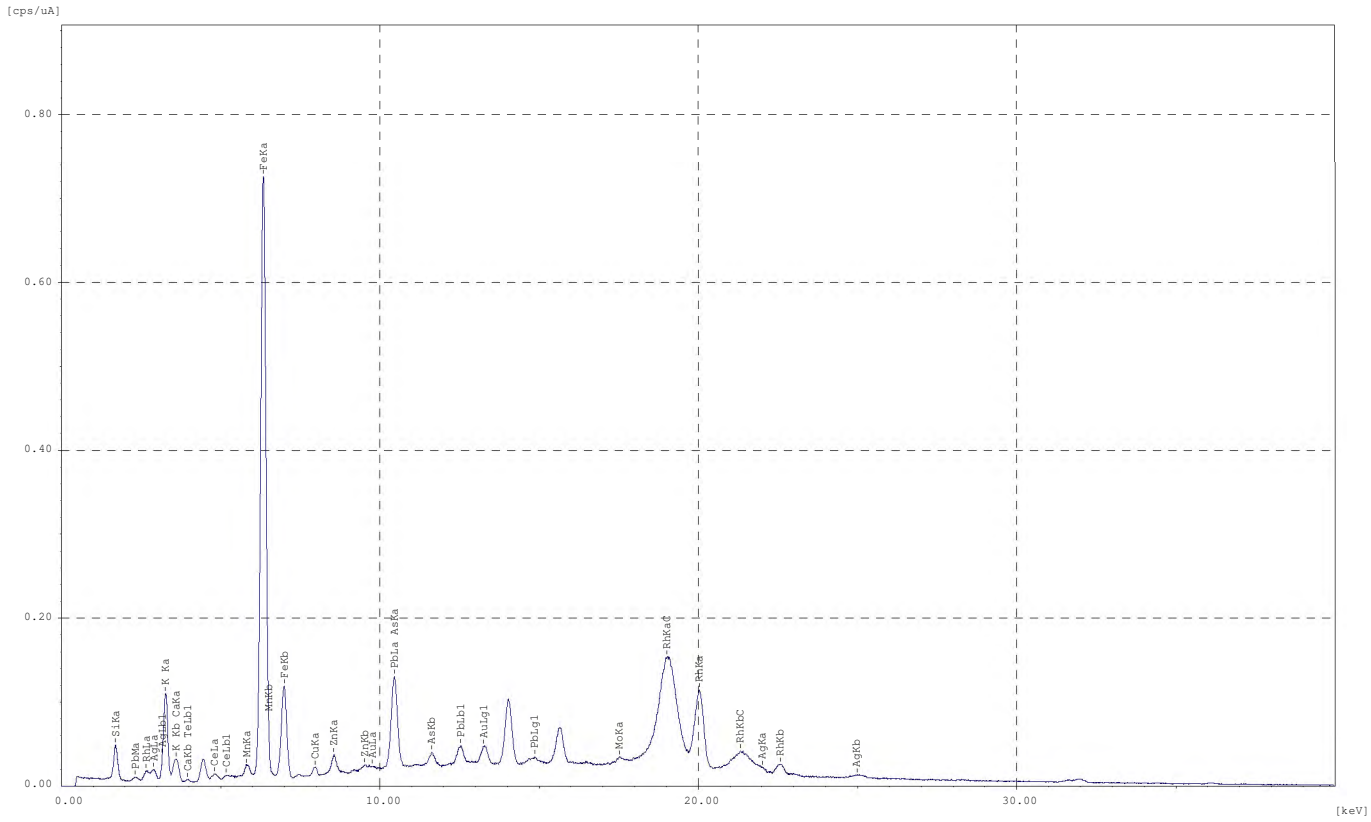
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
====[No. 1 Layer]====<	Layer1		>==========		
	6.000 um	(------)	Fix	--------	--------
C10H8O4	100.000 %	(------)	Fix	--------	--------
====[No. 2 Layer]====<	Base		>==========		
Si	63.982 %	(0.729)	Quan-FP	SiKa	0.2144
Fe	21.418 %	(0.018)	Quan-FP	FeKa	23.6724
K	10.435 %	(0.051)	Quan-FP	K Ka	0.8355
Ca	1.348 %	(0.022)	Quan-FP	CaKa	0.1695
As	0.811 %	(0.010)	Quan-FP	AsKb	0.3017
Ce	0.441 %	(0.009)	Quan-FP	CeLa	0.1116
Mn	0.431 %	(0.004)	Quan-FP	MnKa	0.3564
Sr	0.346 %	(0.002)	Quan-FP	SrKa	0.7630
Pb	0.241 %	(0.004)	Quan-FP	PbLb1	0.1917
Zn	0.158 %	(0.002)	Quan-FP	ZnKa	0.2533
Ag	0.142 %	(0.005)	Quan-FP	AgKa	0.0774
Rb	0.096 %	(0.002)	Quan-FP	RbKa	0.2109
Mo	0.059 %	(0.002)	Quan-FP	MoKa	0.1227
Y	0.033 %	(0.002)	Quan-FP	Y Ka	0.0694
Pt	0.030 %	(0.003)	Quan-FP	PtLa	0.0234
Ir	0.028 %	(0.003)	Quan-FP	IrLa	0.0198

Sample : sdny-532-#3-_grv_con
Operator: Dr. JD
Comment : sample cell 6um mylar
Group   : powder_air
Date   : 2024-04-25 14:10:01

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh 50	677-Auto	----	0 - 40	0.00-40.00	Live- 100	8



Quantitative Result

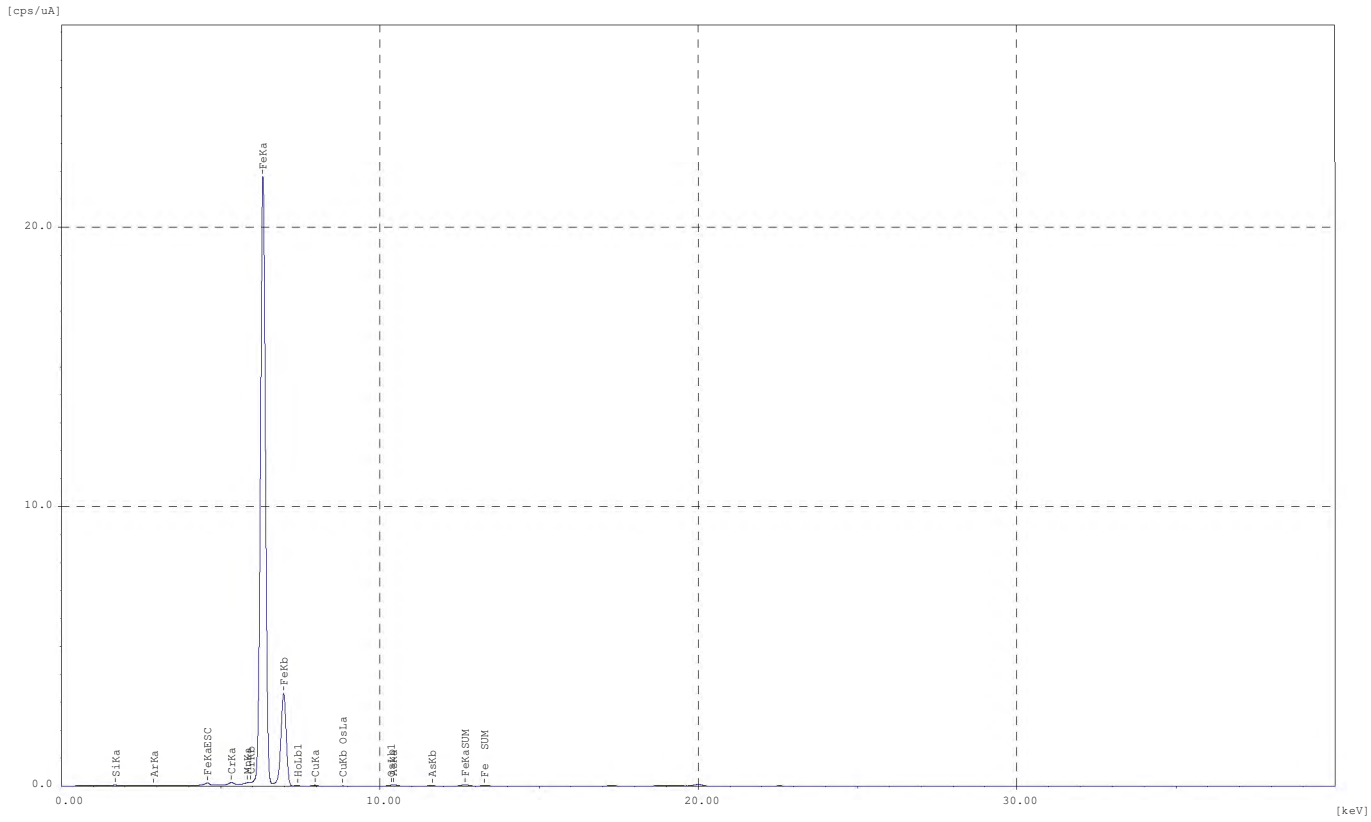
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
====[No. 1 Layer]====<	Layer1		>==========		
	6.000 um	(------)	Fix	--------	--------
C10H8O4	100.000 %	(------)	Fix	--------	--------
====[No. 2 Layer]====<	Base		>==========		
Si	76.658 %	(0.745)	Quan-FP	SiKa	0.2510
K	13.063 %	(0.064)	Quan-FP	K Ka	0.7673
Fe	7.524 %	(0.011)	Quan-FP	FeKa	6.8022
Ca	1.056 %	(0.026)	Quan-FP	CaKa	0.0941
As	0.438 %	(0.008)	Quan-FP	AsKb	0.1800
Pb	0.312 %	(0.004)	Quan-FP	PbLb1	0.2780
Ce	0.295 %	(0.010)	Quan-FP	CeLa	0.0536
Mn	0.218 %	(0.004)	Quan-FP	MnKa	0.1416
Ag	0.180 %	(0.005)	Quan-FP	AgKa	0.1115
Zn	0.126 %	(0.002)	Quan-FP	ZnKa	0.2215
Cu	0.061 %	(0.001)	Quan-FP	CuKa	0.0933
Au	0.039 %	(0.002)	Quan-FP	AuLa	0.0453
Mo	0.030 %	(0.001)	Quan-FP	MoKa	0.0702

Sample : sdny-533-neat_btn1
Operator: Dr. JD
Comment : Solid sample (without cell) / Air
Group   : solid_air
Date   : 2024-04-25 12:39:53

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh 50	137-Auto	----	0 - 40	0.00-40.00	Live- 100	8



Quantitative Result

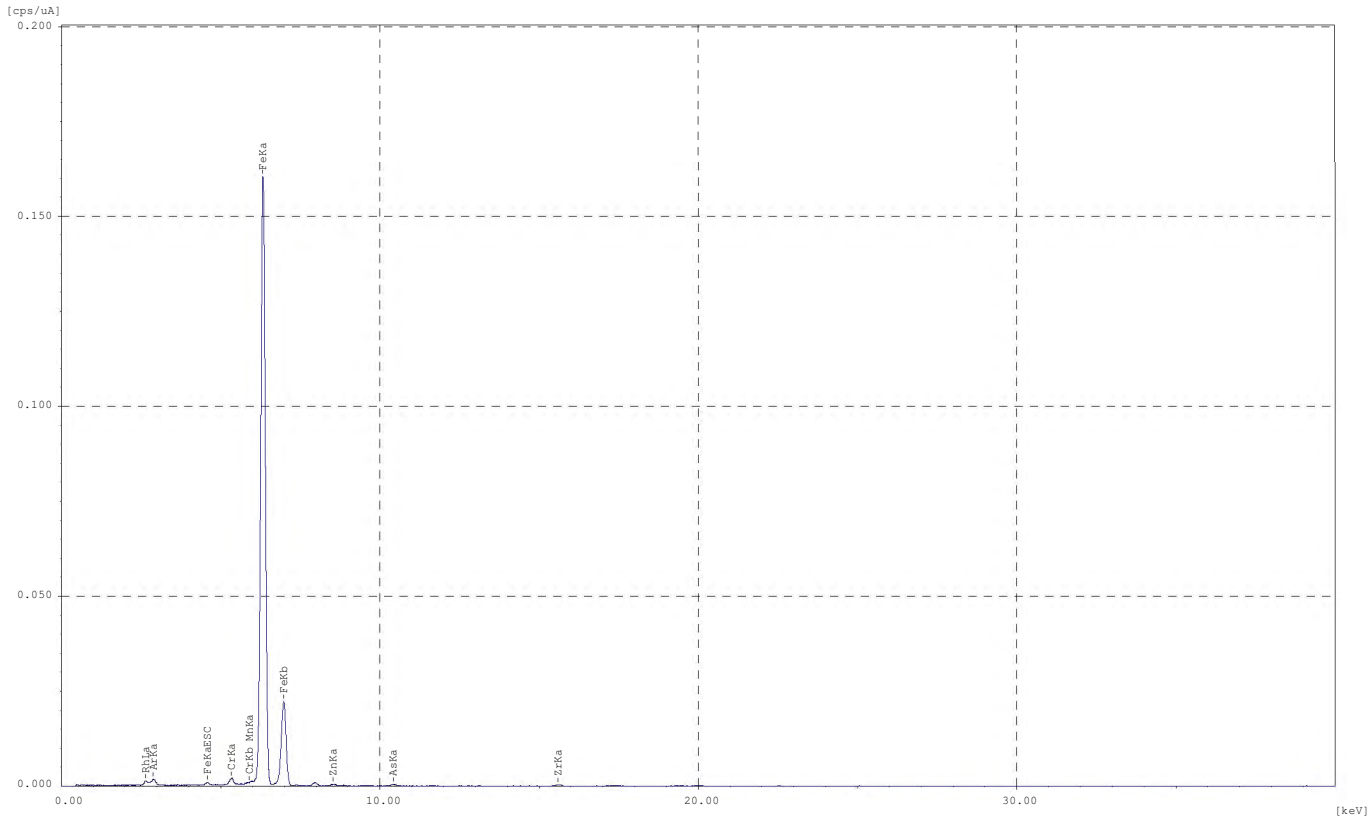
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
Fe	86.101 %	(0.053)	Quan-FP	FeKa	193.2762
Si	12.775 %	(0.561)	Quan-FP	SiKa	0.1213
As	0.315 %	(0.014)	Quan-FP	AsKb	0.1054
Mn	0.301 %	(0.006)	Quan-FP	MnKa	0.6316
Cr	0.265 %	(0.004)	Quan-FP	CrKa	0.7036
Cu	0.218 %	(0.004)	Quan-FP	CuKa	0.2769
Os	0.025 %	(0.005)	Quan-FP	OsLa	0.0177

Sample : sdny-533-neat_btn2
Operator: Dr. JD
Comment : Solid sample (without cell) / Air
Group   : solid_air
Date   : 2024-04-25 12:43:51

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG	kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh	50	1000-Auto	----	0 - 40	0.00-40.00	Live- 100	0



Quantitative Result

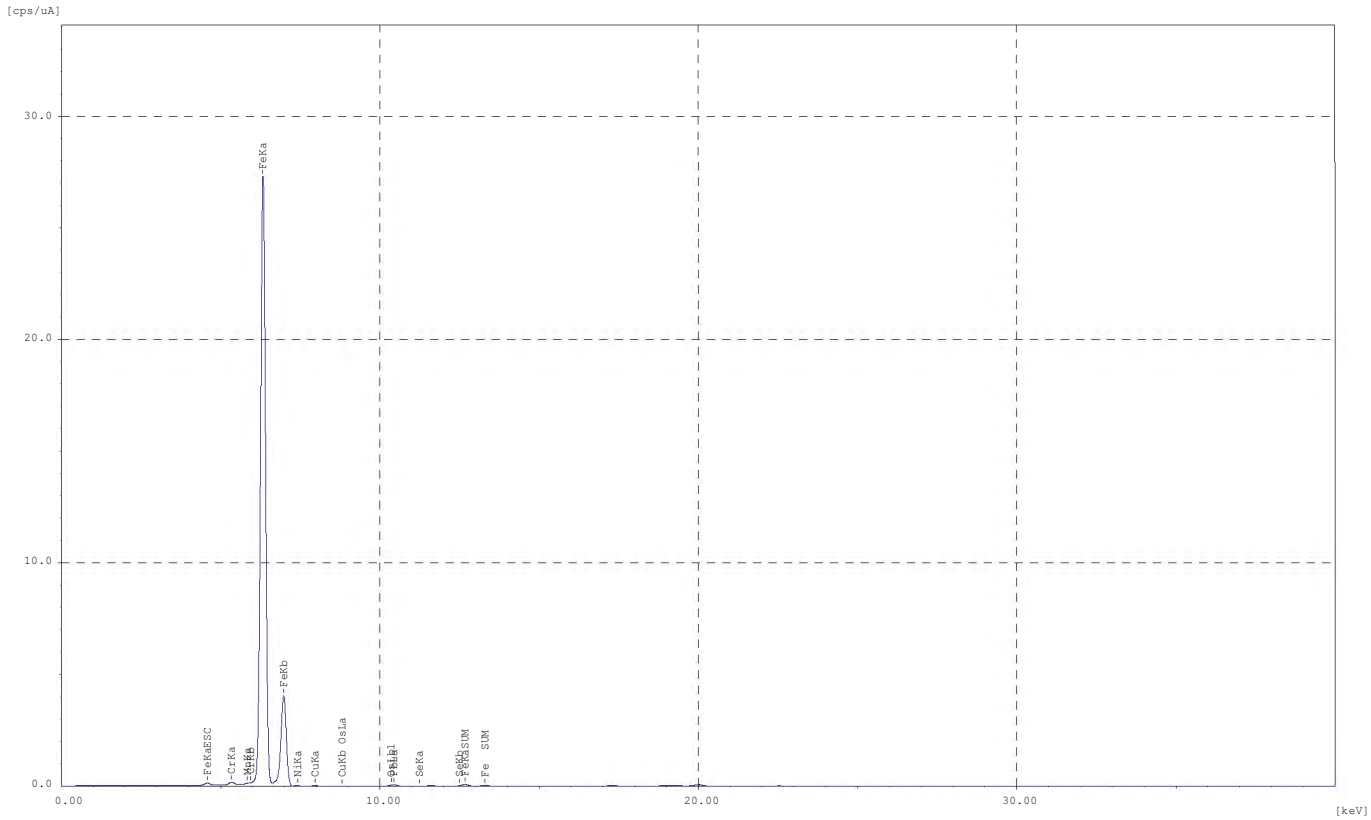
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
Fe	98.205 %	(0.262)	Quan-FP	FeKa	1.3636
Cr	0.755 %	(0.024)	Quan-FP	CrKa	0.0139
Zn	0.521 %	(0.029)	Quan-FP	ZnKa	0.0043
Zr	0.362 %	(0.020)	Quan-FP	ZrKa	0.0039
Mn	0.157 %	(0.036)	Quan-FP	MnKa	0.0022

Sample : sdny-533-neat_btn3
Operator: Dr. JD
Comment : Solid sample (without cell) / Air
Group   : solid_air
Date   : 2024-04-25 12:47:21

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG	kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh	50	122-Auto	----	0 - 40	0.00-40.00	Live- 100	9



Quantitative Result

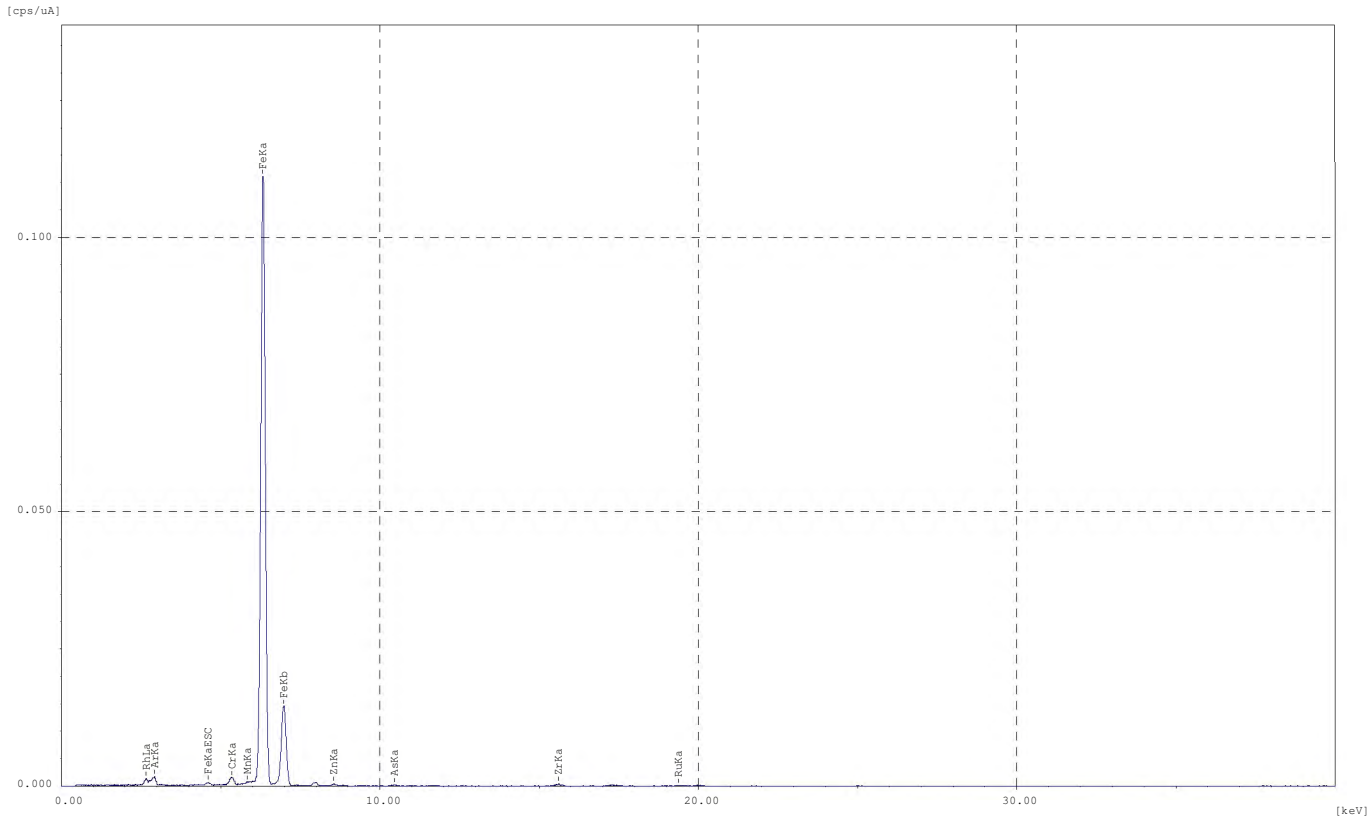
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
Fe	99.028 %	(0.057)	Quan-FP	FeKa	244.1295
Cr	0.318 %	(0.004)	Quan-FP	CrKa	1.0467
Mn	0.261 %	(0.006)	Quan-FP	MnKa	0.6316
Cu	0.210 %	(0.004)	Quan-FP	CuKa	0.2668
Ni	0.101 %	(0.005)	Quan-FP	NiKa	0.0997
Se	0.048 %	(0.002)	Quan-FP	SeKa	0.0912
Os	0.035 %	(0.005)	Quan-FP	OsLa	0.0252

Sample : sdny-533-neat_btn4
Operator: Dr. JD
Comment : Solid sample (without cell) / Air
Group   : solid_air
Date   : 2024-04-25 12:51:17

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG	kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh	50	1000-Auto	----	0 - 40	0.00-40.00	Live- 100	0



Quantitative Result

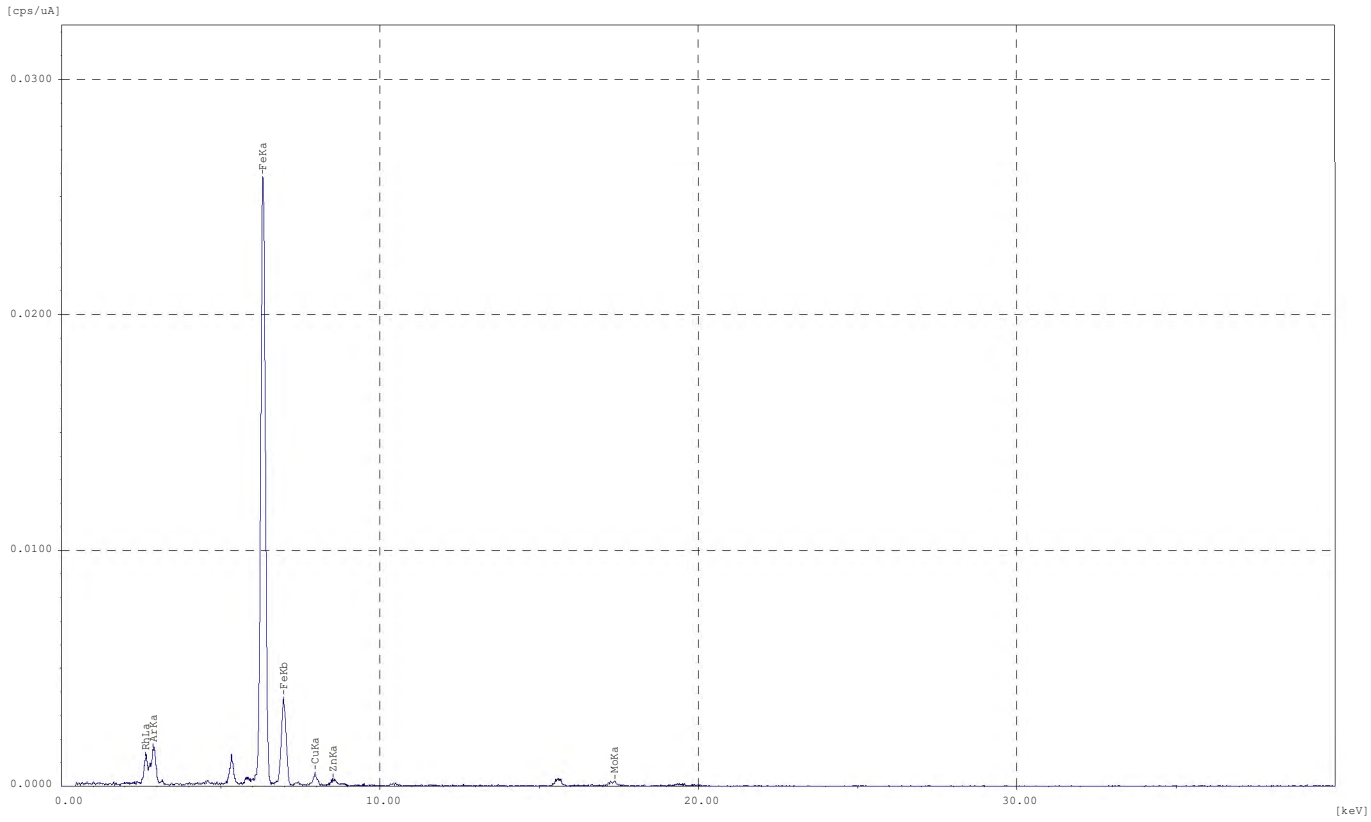
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
Fe	97.525 %	(0.311)	Quan-FP	FeKa	0.9411
Cr	0.861 %	(0.031)	Quan-FP	CrKa	0.0109
Zn	0.503 %	(0.034)	Quan-FP	ZnKa	0.0029
Zr	0.455 %	(0.027)	Quan-FP	ZrKa	0.0034
Ru	0.328 %	(0.039)	Quan-FP	RuKa	0.0012
Mn	0.327 %	(0.038)	Quan-FP	MnKa	0.0031

Sample : sdny-533-neat_btn5
Operator: Dr. JD
Comment : Solid sample (without cell) / Air
Group   : solid_air
Date   : 2024-04-25 12:54:56

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG	kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh	50	1000-Auto	----	0 - 40	0.00-40.00	Live- 100	0



Quantitative Result

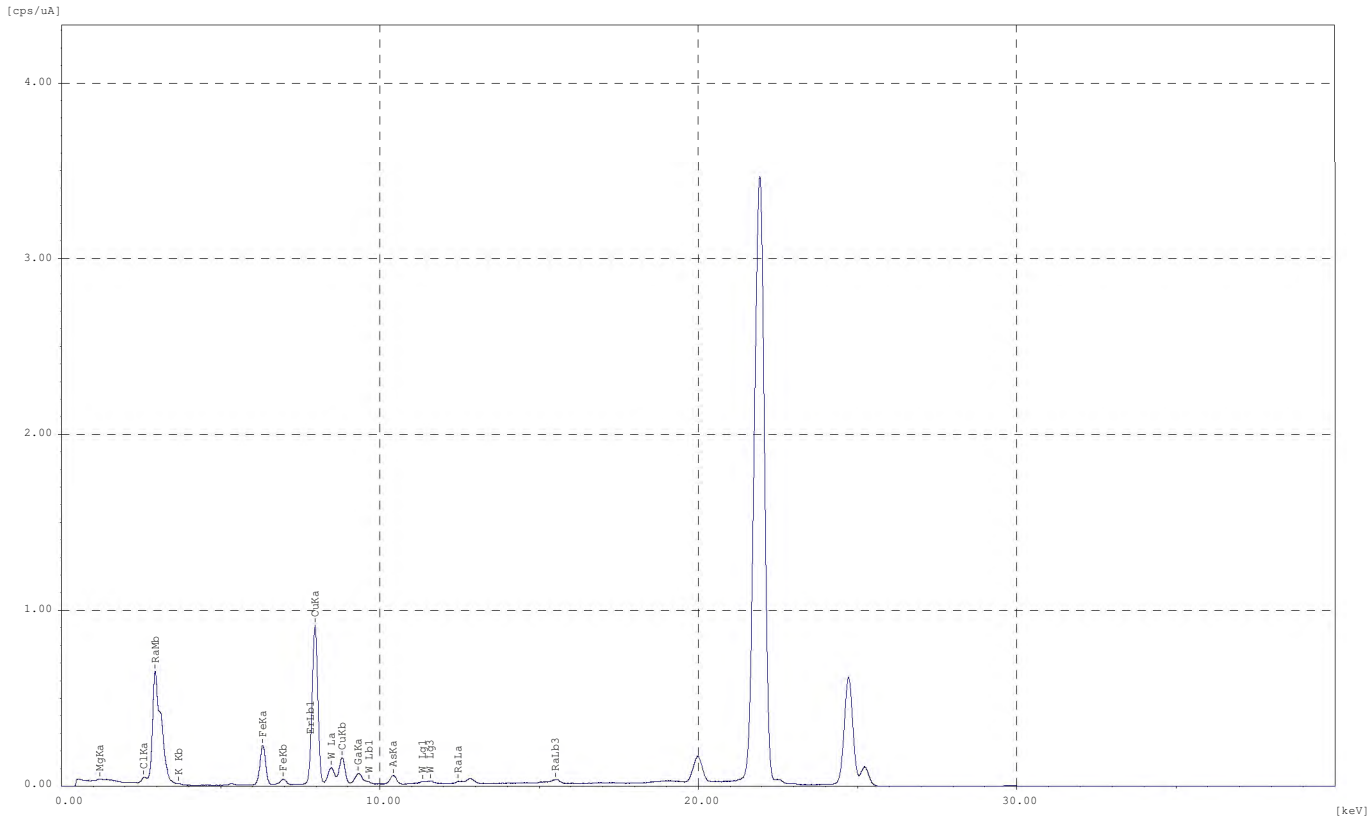
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
Fe	94.346 %	(0.630)	Quan-FP	FeKa	0.2191
Cu	2.750 %	(0.169)	Quan-FP	CuKa	0.0034
Zn	1.771 %	(0.131)	Quan-FP	ZnKa	0.0025
Mo	1.132 %	(0.094)	Quan-FP	MoKa	0.0020

Sample : sdny-534-Ag_btn1
Operator: Dr. JD
Comment : Solid sample (without cell) / Air
Group   : solid_air
Date   : 2024-04-25 12:14:09

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG	kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh	50	278-Auto	----	0 - 40	0.00-40.00	Live- 100	8



Quantitative Result

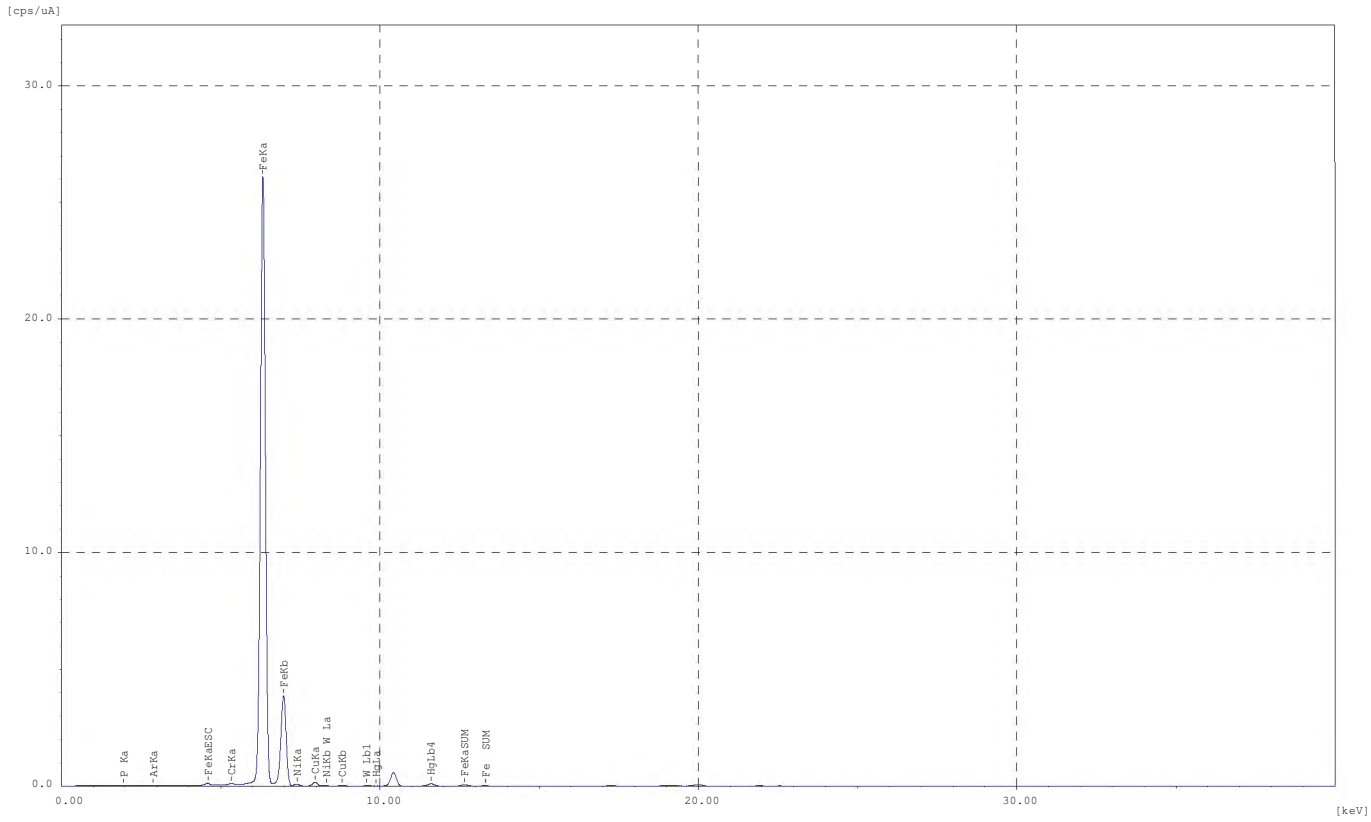
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
Ag	96.171 %	(5.770)	Quan-FP	AgKa	0.0648
Cl	2.215 %	(0.047)	Quan-FP	ClKa	0.2092
Cu	0.905 %	(0.002)	Quan-FP	CuKa	9.3805
Fe	0.429 %	(0.002)	Quan-FP	FeKa	2.2137
W	0.202 %	(0.002)	Quan-FP	W La	0.9436
Ga	0.052 %	(0.000)	Quan-FP	GaKa	0.6698
Ra	0.027 %	(0.001)	Quan-FP	RaLa	0.2219

Sample : sdny-534-Ag_btn2
Operator: Dr. JD
Comment : Solid sample (without cell) / Air
Group   : solid_air
Date   : 2024-04-25 12:21:23

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh 50	122-Auto	----	0 - 40	0.00-40.00	Live- 100	9



Quantitative Result

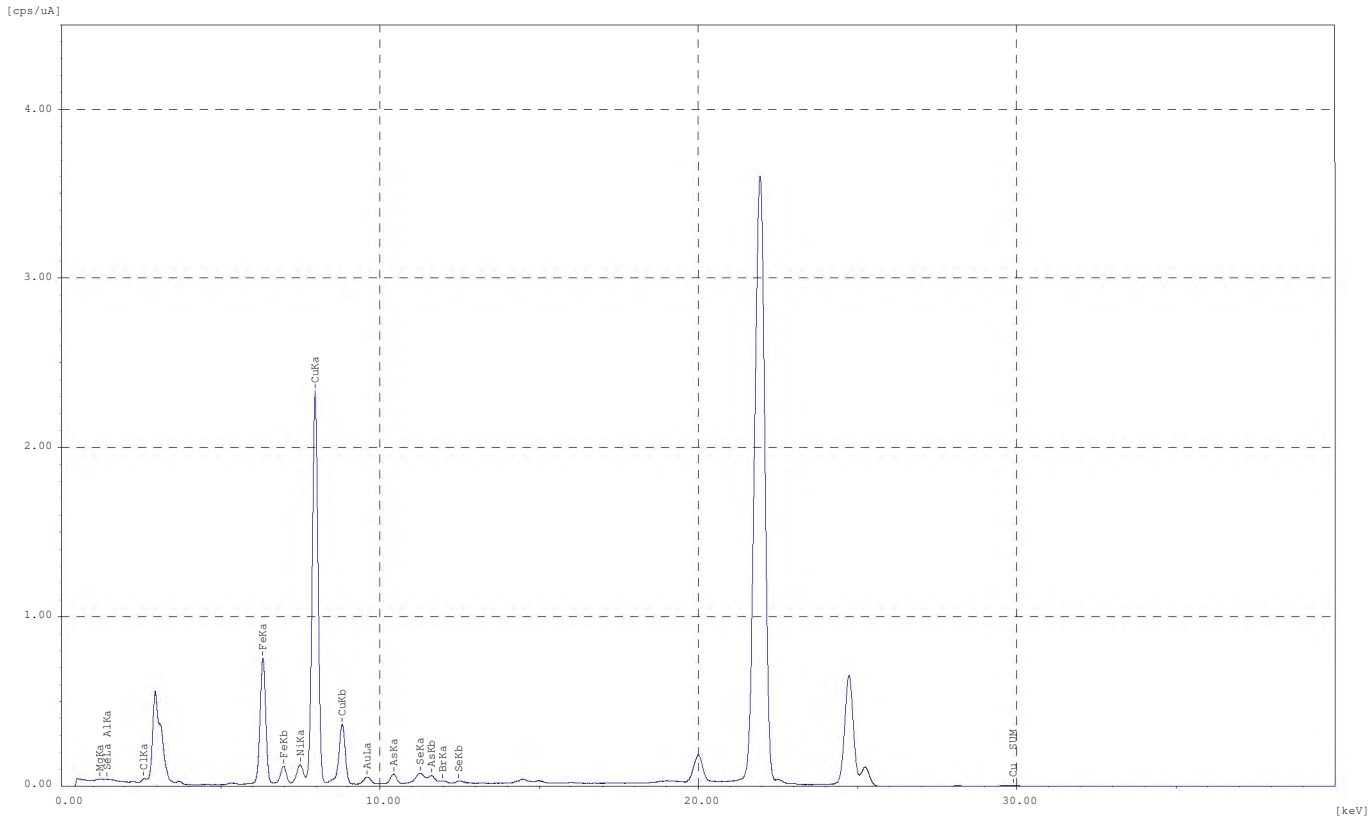
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
Fe	94.389 %	(0.056)	Quan-FP	FeKa	232.2160
P	3.519 %	(0.301)	Quan-FP	P Ka	0.0650
Cu	1.140 %	(0.009)	Quan-FP	CuKa	1.4963
Ni	0.637 %	(0.009)	Quan-FP	NiKa	0.6510
Cr	0.137 %	(0.004)	Quan-FP	CrKa	0.4281
Hg	0.090 %	(0.005)	Quan-FP	HgLa	0.0827
W	0.088 %	(0.010)	Quan-FP	W La	0.0516

Sample : sdny-534-Ag_btn3
Operator: Dr. JD
Comment : Solid sample (without cell) / Air
Group   : solid_air
Date   : 2024-04-25 12:25:16

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh 50	247-Auto	----	0 - 40	0.00-40.00	Live- 100	9



Quantitative Result

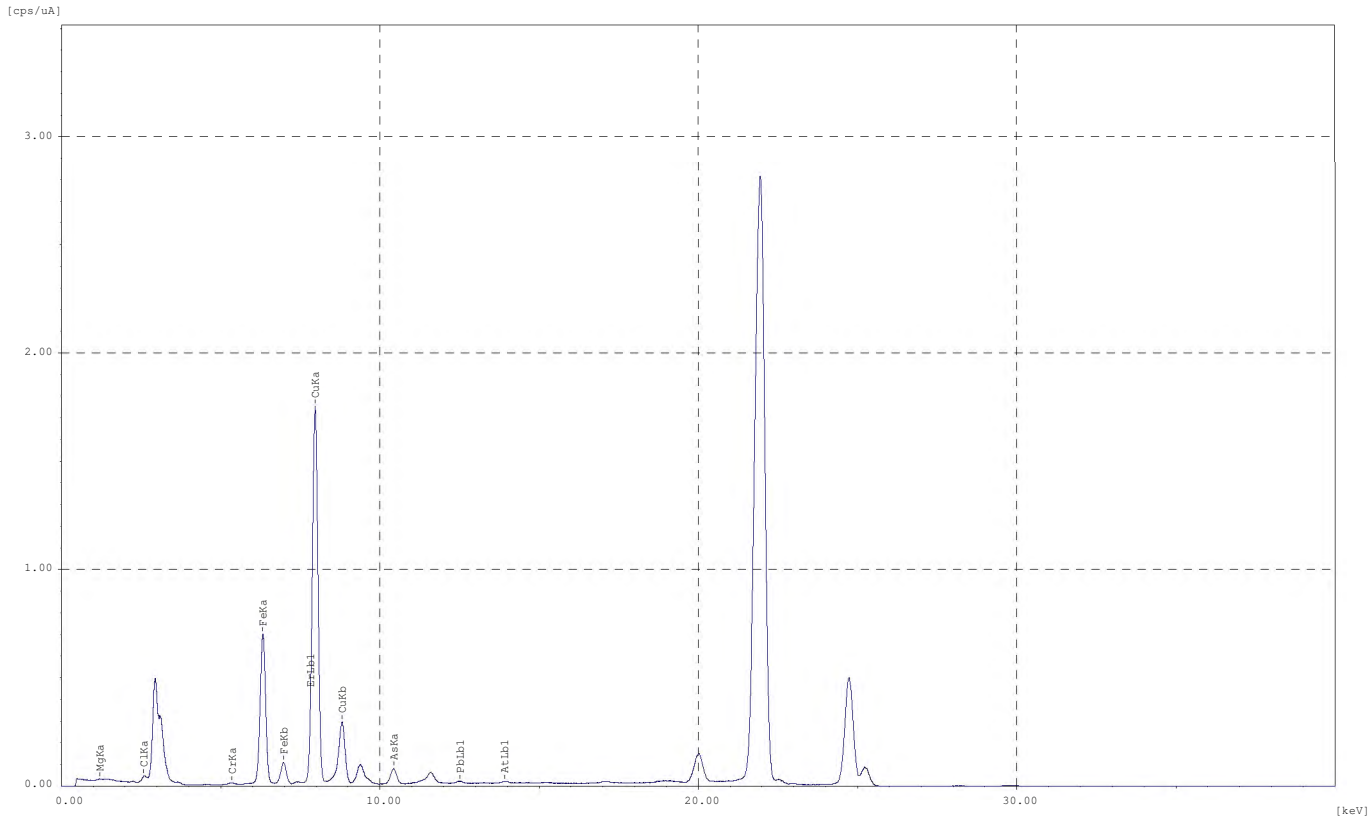
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
Ag	71.485 %	(5.431)	Quan-FP	AgKa	0.0554
Al	23.823 %	(2.186)	Quan-FP	AlKa	0.0500
Cu	1.931 %	(0.003)	Quan-FP	CuKa	23.7171
Cl	1.296 %	(0.039)	Quan-FP	ClKa	0.1503
Fe	1.067 %	(0.003)	Quan-FP	FeKa	6.8799
As	0.171 %	(0.002)	Quan-FP	AsKb	0.5132
Ni	0.121 %	(0.001)	Quan-FP	NiKa	1.1514
Au	0.059 %	(0.001)	Quan-FP	AuLa	0.5005
Se	0.039 %	(0.000)	Quan-FP	SeKa	0.6750
Br	0.009 %	(0.000)	Quan-FP	BrKa	0.1567

Sample : sdny-534-Ag_btn4
Operator: Dr. JD
Comment : Solid sample (without cell) / Air
Group   : solid_air
Date   : 2024-04-25 12:28:44

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh 50	288-Auto	----	0 - 40	0.00-40.00	Live- 100	8



Quantitative Result

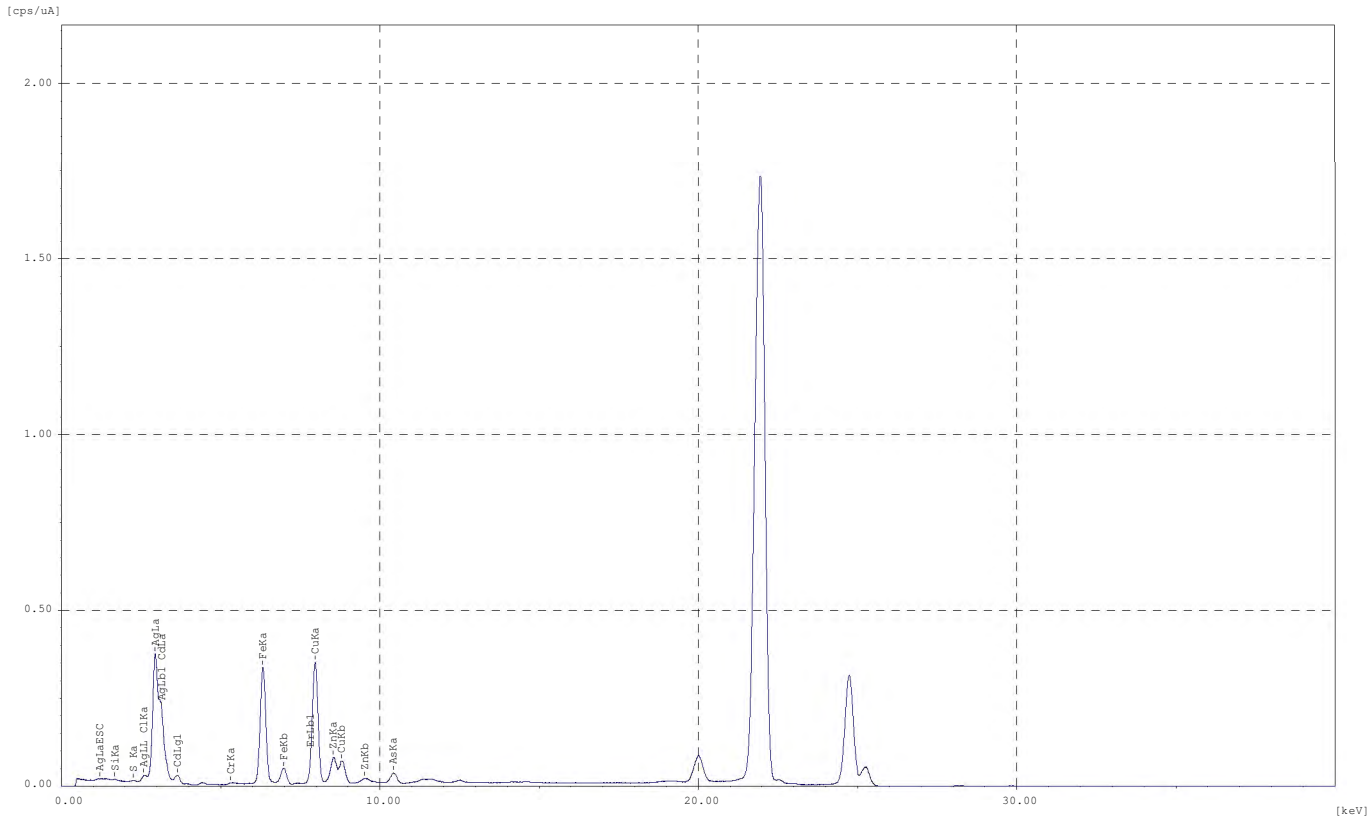
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
Ag	93.342 %	(7.135)	Quan-FP	AgKa	0.0452
Cl	2.638 %	(0.054)	Quan-FP	ClKa	0.2044
Cu	2.347 %	(0.003)	Quan-FP	CuKa	17.8984
Fe	1.617 %	(0.004)	Quan-FP	FeKa	6.7272
Pb	0.028 %	(0.001)	Quan-FP	PbLb1	0.1130
Cr	0.027 %	(0.001)	Quan-FP	CrKa	0.0576

Sample : sdny-534-Ag_btn5
Operator: Dr. JD
Comment : Solid sample (without cell) / Air
Group   : solid_air
Date   : 2024-04-25 12:32:33

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh 50	532-Auto	----	0 - 40	0.00-40.00	Live- 100	9



Quantitative Result

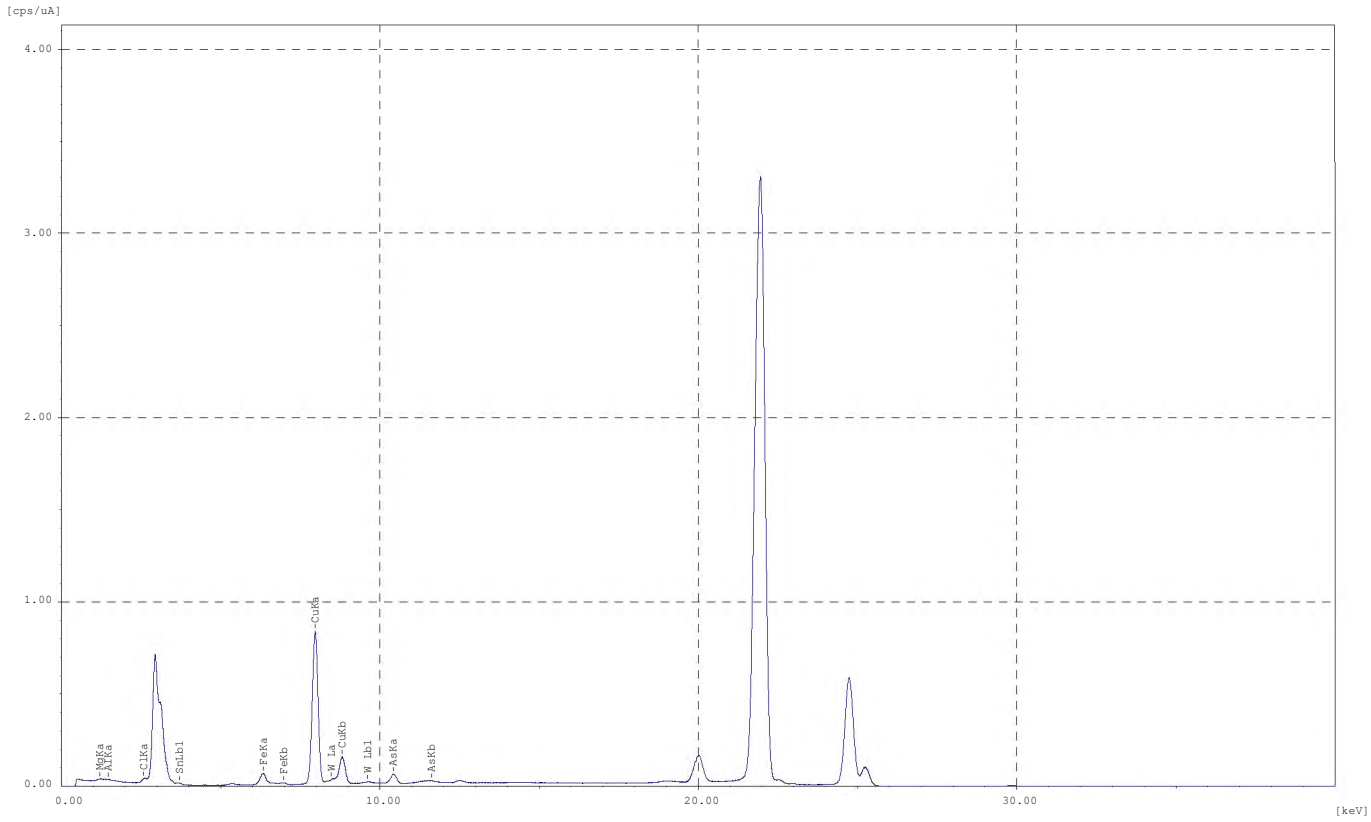
Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
Si	42.789 %	(2.422)	Quan-FP	SiKa	0.0373
Fe	17.492 %	(0.043)	Quan-FP	FeKa	3.2765
Cu	17.212 %	(0.040)	Quan-FP	CuKa	3.5756
Cl	10.025 %	(0.570)	Quan-FP	ClKa	0.0439
S	8.683 %	(0.558)	Quan-FP	S Ka	0.0298
Zn	3.435 %	(0.020)	Quan-FP	ZnKa	0.8058
Cr	0.364 %	(0.015)	Quan-FP	CrKa	0.0410

Sample : sdny-534-Ag_btn6
Operator: Dr. JD
Comment : Solid sample (without cell) / Air
Group   : solid_air
Date   : 2024-04-25 12:36:13

Measurement Condition

Instrument: EDX-900	Atmosphere: Air	Collimator: 10(mm)	Spin: Off

Analyte	TG kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh 50	288-Auto	----	0 - 40	0.00-40.00	Live- 100	8



Quantitative Result

Analyte	Result	(Std.Dev.)	Proc.-Calc.	Line	Int.(cps/uA)
Ag	71.770 %	(3.900)	Quan-FP	AgKa	0.0691
Al	26.230 %	(1.688)	Quan-FP	AlKa	0.0619
Cl	1.249 %	(0.032)	Quan-FP	ClKa	0.1586
Cu	0.584 %	(0.001)	Quan-FP	CuKa	8.6054
Fe	0.080 %	(0.001)	Quan-FP	FeKa	0.5702
W	0.049 %	(0.001)	Quan-FP	W La	0.3242
As	0.037 %	(0.001)	Quan-FP	AsKb	0.1461