

Hit Summary Sheet SW-846

SDG No.: P5242

Order ID: P5242

Client: Weston Solutions

Project ID: Ft Meade Tipton Airfield Parcel RI - PO 01

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TAPIAL1-SB04D-9-112224-00-T1									
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Aluminum	4690	D	2.64	4.71	9.42	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Arsenic	2.16	D	0.042	0.12	0.47	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Barium	26.3	D	0.17	0.59	4.71	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Beryllium	0.40	JD	0.12	0.35	0.47	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Calcium	303	D	31.8	89.5	236	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Chromium	8.97	D	0.11	0.24	0.94	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Cobalt	5.91	D	0.038	0.12	0.47	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Copper	5.00	D	0.26	0.47	0.94	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Iron	9010	D	5.23	5.89	23.6	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Lead	4.47	D	0.071	0.35	0.47	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Magnesium	581	D	12.7	89.5	236	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Manganese	93.2	D	0.16	0.24	0.47	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Nickel	6.42	D	0.075	0.12	0.47	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Potassium	385	D	18.8	89.5	236	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Sodium	42.5	JD	28.8	118	236	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Thallium	0.094	JD	0.047	0.24	0.47	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Vanadium	14.6	D	0.038	0.12	2.36	mg/Kg
P5242-01	TAPIAL1-SB04D-9-112224-00-T SOIL		Zinc	18.8	D	0.61	0.71	2.36	mg/Kg
Client ID : TAPIAL1-SB04D-4-112224-00-T1									
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Aluminum	4230	D	2.62	4.69	9.37	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Arsenic	1.96	D	0.042	0.12	0.47	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Barium	22.3	D	0.17	0.59	4.69	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Beryllium	0.72	D	0.12	0.35	0.47	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Calcium	171	JD	31.6	89.0	234	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Chromium	31.2	D	0.11	0.23	0.94	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Cobalt	8.64	D	0.037	0.12	0.47	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Copper	7.18	D	0.26	0.47	0.94	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Iron	12000	D	5.20	5.86	23.4	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Lead	3.57	D	0.070	0.35	0.47	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Magnesium	842	D	12.6	89.0	234	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Manganese	274	D	0.16	0.23	0.47	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Nickel	7.45	D	0.075	0.12	0.47	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Potassium	686	D	18.6	89.0	234	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Sodium	55.4	JD	28.6	117	234	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Thallium	0.094	JD	0.047	0.23	0.47	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Vanadium	15.8	D	0.037	0.12	2.34	mg/Kg
P5242-02	TAPIAL1-SB04D-4-112224-00-T SOIL		Zinc	15.4	D	0.61	0.70	2.34	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: P5242

Order ID: P5242

Client: Weston Solutions

Project ID: Ft Meade Tipton Airfield Parcel RI - PO 01

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
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SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	11/22/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	11/23/24
Client Sample ID:	TAPIAL1-SB04D-9-112224-00-T1	SDG No.:	P5242
Lab Sample ID:	P5242-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	93.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4690	D	5	2.64	4.71	9.42	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-36-0	Antimony	0.35	UDN	5	0.047	0.35	0.94	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-38-2	Arsenic	2.16	DN	5	0.042	0.12	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-39-3	Barium	26.3	D	5	0.17	0.59	4.71	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-41-7	Beryllium	0.40	JDN	5	0.12	0.35	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-43-9	Cadmium	0.35	UDN	5	0.13	0.35	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-70-2	Calcium	303	D	5	31.8	89.5	236	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-47-3	Chromium	8.97	D	5	0.11	0.24	0.94	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-48-4	Cobalt	5.91	DN	5	0.038	0.12	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-50-8	Copper	5.00	D*	5	0.26	0.47	0.94	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7439-89-6	Iron	9010	D	5	5.23	5.89	23.6	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7439-92-1	Lead	4.47	D	5	0.071	0.35	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7439-95-4	Magnesium	581	D	5	12.7	89.5	236	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7439-96-5	Manganese	93.2	D	5	0.16	0.24	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-02-0	Nickel	6.42	DN*	5	0.075	0.12	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-09-7	Potassium	385	D	5	18.8	89.5	236	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7782-49-2	Selenium	2.12	UDN	5	0.56	2.12	2.36	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-22-4	Silver	0.24	UDN	5	0.12	0.24	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-23-5	Sodium	42.5	JD	5	28.8	118	236	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-28-0	Thallium	0.094	JDN	5	0.047	0.24	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-62-2	Vanadium	14.6	D	5	0.038	0.12	2.36	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050
7440-66-6	Zinc	18.8	D*	5	0.61	0.71	2.36	mg/Kg	12/09/24 10:45	12/11/24 18:54	SW6020	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Brown	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions	Date Collected:	11/22/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	11/23/24
Client Sample ID:	TAPIAL1-SB04D-4-112224-00-T1	SDG No.:	P5242
Lab Sample ID:	P5242-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4230	D	5	2.62	4.69	9.37	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
7440-36-0	Antimony	0.35	UDN	5	0.047	0.35	0.94	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
7440-38-2	Arsenic	1.96	DN	5	0.042	0.12	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
7440-39-3	Barium	22.3	D	5	0.17	0.59	4.69	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
7440-41-7	Beryllium	0.72	DN	5	0.12	0.35	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
7440-43-9	Cadmium	0.35	UDN	5	0.13	0.35	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
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7440-50-8	Copper	7.18	D*	5	0.26	0.47	0.94	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
7439-89-6	Iron	12000	D	5	5.20	5.86	23.4	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
7439-92-1	Lead	3.57	D	5	0.070	0.35	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
7439-95-4	Magnesium	842	D	5	12.6	89.0	234	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
7439-96-5	Manganese	274	D	5	0.16	0.23	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
7440-02-0	Nickel	7.45	DN*	5	0.075	0.12	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
7440-09-7	Potassium	686	D	5	18.6	89.0	234	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
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7440-22-4	Silver	0.23	UDN	5	0.12	0.23	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
7440-23-5	Sodium	55.4	JD	5	28.6	117	234	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
7440-28-0	Thallium	0.094	JDN	5	0.047	0.23	0.47	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
7440-62-2	Vanadium	15.8	D	5	0.037	0.12	2.34	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050
7440-66-6	Zinc	15.4	D*	5	0.61	0.70	2.34	mg/Kg	12/09/24 10:45	12/11/24 18:58	SW6020	SW3050

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LAB CHRONICLE

OrderID:	P5242	OrderDate:	12/10/2024 1:21:00 PM
Client:	Weston Solutions	Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	Location:	L61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5242-01	TAPIAL1-SB04D-9-11 2224-00-T1	SOIL			11/22/24			11/23/24
			Metals ICP-TAL	6020B		12/09/24	12/11/24	
P5242-02	TAPIAL1-SB04D-4-11 2224-00-T1	SOIL			11/22/24			11/23/24
			Metals ICP-TAL	6020B		12/09/24	12/11/24	