

Hit Summary Sheet SW-846

SDG No.: Q3424 **Order ID:** Q3424
Client: AECOM **Project ID:** AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PR132-DP3-20251021								
Q3424-01	PR132-DP3-20251021	SOIL	Aluminum	19400		0.73	4.03	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Antimony	0.36	J	0.091	0.40	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Arsenic	41.4	D	0.12	1.01	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Barium	498		0.067	2.02	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Beryllium	1.55		0.065	0.20	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Cadmium	24.7		0.036	0.20	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Calcium	10900		9.66	101	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Chromium	712	D	0.26	2.02	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Cobalt	20.2		0.018	0.20	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Copper	648		0.13	0.40	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Iron	59200	D	9.28	50.4	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Lead	696		0.065	0.20	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Magnesium	12100		3.89	101	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Manganese	510		0.069	0.20	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Nickel	121		0.087	0.20	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Mercury	10.6	D	0.15	0.27	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Potassium	4490		7.75	101	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Selenium	4.55	JD	2.82	5.04	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Silver	7.54		0.052	0.20	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Sodium	14600		14.2	101	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Thallium	0.55		0.028	0.20	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Vanadium	88.7		0.022	1.01	mg/Kg
Q3424-01	PR132-DP3-20251021	SOIL	Zinc	1090		0.18	1.01	mg/Kg
Client ID : PR132-S11-010080-20251021								
Q3424-02	PR132-S11-010080-20251021	SOIL	Aluminum	21700	D	3.30	18.3	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Antimony	0.26	J	0.082	0.37	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Arsenic	32.3	D	0.11	0.92	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Barium	308		0.060	1.83	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Beryllium	1.74		0.059	0.18	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Cadmium	15.4		0.033	0.18	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Calcium	12100		8.77	91.6	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Chromium	479	D	0.24	1.83	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Cobalt	20.7		0.016	0.18	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Copper	467		0.12	0.37	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Iron	58200	D	8.42	45.8	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Lead	673		0.059	0.18	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Magnesium	12700		3.53	91.6	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q3424	Order ID:	Q3424
Client:	AECOM	Project ID:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3424-02	PR132-S11-010080-20251021	SOIL	Manganese	525		0.062	0.18	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Nickel	118		0.079	0.18	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Mercury	3.58	D	0.13	0.24	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Potassium	4460		7.03	91.6	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Selenium	3.35	JD	2.56	4.58	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Silver	7.78		0.048	0.18	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Sodium	13800		12.9	91.6	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Thallium	0.52		0.026	0.18	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Vanadium	79.4		0.020	0.92	mg/Kg
Q3424-02	PR132-S11-010080-20251021	SOIL	Zinc	899		0.17	0.92	mg/Kg

Client ID : PR132-S14-000094-20251021

Q3424-03	PR132-S14-000094-20251021	SOIL	Aluminum	12300		0.62	3.44	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Antimony	0.23	J	0.077	0.34	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Arsenic	25.6	D	0.10	0.86	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Barium	221		0.057	1.72	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Beryllium	1.19		0.055	0.17	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Cadmium	9.78		0.031	0.17	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Calcium	6880		8.24	86.0	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Chromium	330	D	0.22	1.72	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Cobalt	13.1		0.015	0.17	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Copper	333		0.11	0.34	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Iron	32500		1.58	8.60	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Lead	364		0.055	0.17	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Magnesium	8050		3.32	86.0	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Manganese	339		0.059	0.17	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Nickel	74.6		0.074	0.17	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Mercury	4.83	D	0.14	0.25	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Potassium	2870		6.61	86.0	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Silver	7.61		0.045	0.17	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Sodium	8720		12.1	86.0	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Thallium	0.32		0.024	0.17	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Vanadium	55.2		0.019	0.86	mg/Kg
Q3424-03	PR132-S14-000094-20251021	SOIL	Zinc	628		0.16	0.86	mg/Kg



SAMPLE DATA

A

B

C

D

Report of Analysis

Client: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-DP3-20251021
Lab Sample ID: Q3424-01
Level (low/med): low

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3424
Matrix: SOIL
% Solid: 45.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	19400		1	0.73	4.03	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7440-36-0	Antimony	0.36	J	1	0.091	0.40	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7440-38-2	Arsenic	41.4	D	5	0.12	1.01	mg/Kg	10/23/25 10:42	10/23/25 18:03	6020B	SW3050
7440-39-3	Barium	498		1	0.067	2.02	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7440-41-7	Beryllium	1.55		1	0.065	0.20	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7440-43-9	Cadmium	24.7		1	0.036	0.20	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7440-70-2	Calcium	10900	N	1	9.66	101	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7440-47-3	Chromium	712	DN	5	0.26	2.02	mg/Kg	10/23/25 10:42	10/23/25 18:03	6020B	SW3050
7440-48-4	Cobalt	20.2		1	0.018	0.20	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7440-50-8	Copper	648	N	1	0.13	0.40	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7439-89-6	Iron	59200	D	5	9.28	50.4	mg/Kg	10/23/25 10:42	10/23/25 18:03	6020B	SW3050
7439-92-1	Lead	696		1	0.065	0.20	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7439-95-4	Magnesium	12100	N	1	3.89	101	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7439-96-5	Manganese	510	N	1	0.069	0.20	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7439-97-6	Mercury	10.6	D*	10	0.15	0.27	mg/Kg	10/23/25 10:22	10/23/25 15:51	7471B	7471B
7440-02-0	Nickel	121	N	1	0.087	0.20	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7440-09-7	Potassium	4490	N	1	7.75	101	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7782-49-2	Selenium	4.55	JD	5	2.82	5.04	mg/Kg	10/23/25 10:42	10/23/25 18:03	6020B	SW3050
7440-22-4	Silver	7.54	N	1	0.052	0.20	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7440-23-5	Sodium	14600	N	1	14.2	101	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7440-28-0	Thallium	0.55		1	0.028	0.20	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7440-62-2	Vanadium	88.7	N	1	0.022	1.01	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050
7440-66-6	Zinc	1090	N	1	0.18	1.01	mg/Kg	10/23/25 10:42	10/23/25 17:09	6020B	SW3050

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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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: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S11-010080-20251021
Lab Sample ID: Q3424-02
Level (low/med): low

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3424
Matrix: SOIL
% Solid: 50.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	21700	D	5	3.30	18.3	mg/Kg	10/23/25 10:42	10/23/25 18:06	6020B	SW3050
7440-36-0	Antimony	0.26	J	1	0.082	0.37	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7440-38-2	Arsenic	32.3	D	5	0.11	0.92	mg/Kg	10/23/25 10:42	10/23/25 18:06	6020B	SW3050
7440-39-3	Barium	308		1	0.060	1.83	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7440-41-7	Beryllium	1.74		1	0.059	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7440-43-9	Cadmium	15.4		1	0.033	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7440-70-2	Calcium	12100	N	1	8.77	91.6	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7440-47-3	Chromium	479	DN	5	0.24	1.83	mg/Kg	10/23/25 10:42	10/23/25 18:06	6020B	SW3050
7440-48-4	Cobalt	20.7		1	0.016	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7440-50-8	Copper	467	N	1	0.12	0.37	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7439-89-6	Iron	58200	D	5	8.42	45.8	mg/Kg	10/23/25 10:42	10/23/25 18:06	6020B	SW3050
7439-92-1	Lead	673		1	0.059	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7439-95-4	Magnesium	12700	N	1	3.53	91.6	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7439-96-5	Manganese	525	N	1	0.062	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7439-97-6	Mercury	3.58	D*	10	0.13	0.24	mg/Kg	10/23/25 10:22	10/23/25 16:11	7471B	7471B
7440-02-0	Nickel	118	N	1	0.079	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7440-09-7	Potassium	4460	N	1	7.03	91.6	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7782-49-2	Selenium	3.35	JD	5	2.56	4.58	mg/Kg	10/23/25 10:42	10/23/25 18:06	6020B	SW3050
7440-22-4	Silver	7.78	N	1	0.048	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7440-23-5	Sodium	13800	N	1	12.9	91.6	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7440-28-0	Thallium	0.52		1	0.026	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7440-62-2	Vanadium	79.4	N	1	0.020	0.92	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050
7440-66-6	Zinc	899	N	1	0.17	0.92	mg/Kg	10/23/25 10:42	10/23/25 17:12	6020B	SW3050

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: AECOM
Project: AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Client Sample ID: PR132-S14-000094-20251021
Lab Sample ID: Q3424-03
Level (low/med): low

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3424
Matrix: SOIL
% Solid: 50.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	12300		1	0.62	3.44	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7440-36-0	Antimony	0.23	J	1	0.077	0.34	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7440-38-2	Arsenic	25.6	D	5	0.10	0.86	mg/Kg	10/23/25 10:42	10/23/25 18:09	6020B	SW3050
7440-39-3	Barium	221		1	0.057	1.72	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7440-41-7	Beryllium	1.19		1	0.055	0.17	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7440-43-9	Cadmium	9.78		1	0.031	0.17	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7440-70-2	Calcium	6880	N	1	8.24	86.0	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7440-47-3	Chromium	330	DN	5	0.22	1.72	mg/Kg	10/23/25 10:42	10/23/25 18:09	6020B	SW3050
7440-48-4	Cobalt	13.1		1	0.015	0.17	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7440-50-8	Copper	333	N	1	0.11	0.34	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7439-89-6	Iron	32500		1	1.58	8.60	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7439-92-1	Lead	364		1	0.055	0.17	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7439-95-4	Magnesium	8050	N	1	3.32	86.0	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7439-96-5	Manganese	339	N	1	0.059	0.17	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7439-97-6	Mercury	4.83	D*	10	0.14	0.25	mg/Kg	10/23/25 10:22	10/23/25 15:56	7471B	7471B
7440-02-0	Nickel	74.6	N	1	0.074	0.17	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7440-09-7	Potassium	2870	N	1	6.61	86.0	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7782-49-2	Selenium	4.30	UD	5	2.41	4.30	mg/Kg	10/23/25 10:42	10/23/25 18:09	6020B	SW3050
7440-22-4	Silver	7.61	N	1	0.045	0.17	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7440-23-5	Sodium	8720	N	1	12.1	86.0	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7440-28-0	Thallium	0.32		1	0.024	0.17	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7440-62-2	Vanadium	55.2	N	1	0.019	0.86	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050
7440-66-6	Zinc	628	N	1	0.16	0.86	mg/Kg	10/23/25 10:42	10/23/25 17:16	6020B	SW3050

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LAB CHRONICLE

OrderID:	Q3424	OrderDate:	10/22/2025 11:34:00 AM
Client:	AECOM	Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC - 60693795-1719206
Contact:	Rob Forstner	Location:	D31,VOARef. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3424-01	PR132-DP3-20251021	SOIL			10/21/25			10/21/25
			Mercury	7471B		10/23/25	10/23/25	
			Metals ICP-TAL	6020B		10/23/25	10/23/25	
Q3424-02	PR132-S11-010080-2 0251021	SOIL			10/21/25			10/21/25
			Mercury	7471B		10/23/25	10/23/25	
			Metals ICP-TAL	6020B		10/23/25	10/23/25	
Q3424-03	PR132-S14-000094-2 0251021	SOIL			10/21/25			10/21/25
			Mercury	7471B		10/23/25	10/23/25	
			Metals ICP-TAL	6020B		10/23/25	10/23/25	