

Hit Summary Sheet SW-846

SDG No.: Q3419 **Order ID:** Q3419
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 : PR-132-S16-015094-20251021								
Q3419-01	PR-132-S16-015094-20251021	SOIL	Aluminum	11700		0.58	3.22	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Antimony	0.17	J	0.073	0.32	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Arsenic	19.3	D	0.097	0.81	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Barium	155		0.053	1.61	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Beryllium	0.97		0.052	0.16	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Cadmium	5.71		0.029	0.16	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Calcium	8400		7.72	80.6	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Chromium	221	D	0.21	1.61	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Cobalt	12.5		0.015	0.16	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Copper	226		0.11	0.32	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Iron	32400		1.48	8.06	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Lead	291		0.052	0.16	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Magnesium	8160		3.11	80.6	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Manganese	425		0.055	0.16	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Nickel	63.5		0.069	0.16	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Mercury	2.62	D	0.13	0.23	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Potassium	2840		6.19	80.6	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Silver	6.57		0.042	0.16	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Sodium	6970		11.3	80.6	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Thallium	0.30		0.023	0.16	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Vanadium	46.5		0.018	0.81	mg/Kg
Q3419-01	PR-132-S16-015094-20251021	SOIL	Zinc	395		0.14	0.81	mg/Kg
Client ID : PR132-S16-119133-20251021								
Q3419-04	PR132-S16-119133-20251021	SOIL	Aluminum	22200	D	2.81	15.6	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Antimony	0.35		0.070	0.31	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Arsenic	69.8	D	0.094	0.78	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Barium	499		0.051	1.56	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Beryllium	1.46		0.050	0.16	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Cadmium	3.62		0.028	0.16	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Calcium	10100		7.47	78.0	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Chromium	231	D	0.20	1.56	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Cobalt	16.9		0.014	0.16	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Copper	436		0.10	0.31	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Iron	65700	D	7.18	39.0	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Lead	1030	D	0.25	0.78	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Magnesium	10700		3.01	78.0	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Manganese	568		0.053	0.16	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q3419

Order ID: Q3419

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
Q3419-04	PR132-S16-119133-20251021	SOIL	Nickel	76.3		0.067	0.16	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Mercury	5.14	D	0.14	0.26	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Potassium	4310		5.99	78.0	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Selenium	10.6	D	2.18	3.90	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Silver	6.92		0.041	0.16	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Sodium	5280		10.9	78.0	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Thallium	0.74		0.022	0.16	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Vanadium	66.6		0.017	0.78	mg/Kg
Q3419-04	PR132-S16-119133-20251021	SOIL	Zinc	793		0.14	0.78	mg/Kg
Client ID : PR132-S16-094119-20251021								
Q3419-05	PR132-S16-094119-20251021	SOIL	Aluminum	17400		0.65	3.61	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Antimony	0.56		0.081	0.36	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Arsenic	56.1	D	0.11	0.90	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Barium	415		0.060	1.81	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Beryllium	1.46		0.058	0.18	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Cadmium	15.3		0.033	0.18	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Calcium	9570		8.66	90.3	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Chromium	582	D	0.24	1.81	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Cobalt	16.4		0.016	0.18	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Copper	603		0.12	0.36	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Iron	53000	D	8.31	45.2	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Lead	783		0.058	0.18	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Magnesium	9680		3.49	90.3	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Manganese	426		0.061	0.18	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Nickel	121		0.078	0.18	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Mercury	7.04	D	0.15	0.26	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Potassium	3810		6.94	90.3	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Selenium	5.28	D	2.53	4.52	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Silver	9.74		0.047	0.18	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Sodium	6590		12.7	90.3	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Thallium	0.63		0.025	0.18	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Vanadium	91.5		0.020	0.90	mg/Kg
Q3419-05	PR132-S16-094119-20251021	SOIL	Zinc	916		0.16	0.90	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: PR-132-S16-015094-20251021
Lab Sample ID: Q3419-01
Level (low/med): low

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3419
Matrix: SOIL
% Solid: 54.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	11700		1	0.58	3.22	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7440-36-0	Antimony	0.17	J	1	0.073	0.32	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7440-38-2	Arsenic	19.3	D	5	0.097	0.81	mg/Kg	10/23/25 10:42	10/23/25 17:22	6020B	SW3050
7440-39-3	Barium	155		1	0.053	1.61	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7440-41-7	Beryllium	0.97		1	0.052	0.16	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7440-43-9	Cadmium	5.71		1	0.029	0.16	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7440-70-2	Calcium	8400	N	1	7.72	80.6	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7440-47-3	Chromium	221	DN	5	0.21	1.61	mg/Kg	10/23/25 10:42	10/23/25 17:22	6020B	SW3050
7440-48-4	Cobalt	12.5		1	0.015	0.16	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7440-50-8	Copper	226	N	1	0.11	0.32	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7439-89-6	Iron	32400		1	1.48	8.06	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7439-92-1	Lead	291		1	0.052	0.16	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7439-95-4	Magnesium	8160	N	1	3.11	80.6	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7439-96-5	Manganese	425	N	1	0.055	0.16	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7439-97-6	Mercury	2.62	D*	10	0.13	0.23	mg/Kg	10/23/25 10:22	10/23/25 16:05	7471B	7471B
7440-02-0	Nickel	63.5	N	1	0.069	0.16	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7440-09-7	Potassium	2840	N	1	6.19	80.6	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7782-49-2	Selenium	4.03	UD	5	2.26	4.03	mg/Kg	10/23/25 10:42	10/23/25 17:22	6020B	SW3050
7440-22-4	Silver	6.57	N	1	0.042	0.16	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7440-23-5	Sodium	6970	N	1	11.3	80.6	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7440-28-0	Thallium	0.30		1	0.023	0.16	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7440-62-2	Vanadium	46.5	N	1	0.018	0.81	mg/Kg	10/23/25 10:42	10/23/25 16:33	6020B	SW3050
7440-66-6	Zinc	395	N	1	0.14	0.81	mg/Kg	10/23/25 10:42	10/23/25 16:33	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-S16-119133-20251021
Lab Sample ID: Q3419-04
Level (low/med): low

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3419
Matrix: SOIL
% Solid: 51.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	22200	D	5	2.81	15.6	mg/Kg	10/23/25 10:42	10/23/25 17:53	6020B	SW3050
7440-36-0	Antimony	0.35		1	0.070	0.31	mg/Kg	10/23/25 10:42	10/23/25 16:51	6020B	SW3050
7440-38-2	Arsenic	69.8	D	5	0.094	0.78	mg/Kg	10/23/25 10:42	10/23/25 17:53	6020B	SW3050
7440-39-3	Barium	499		1	0.051	1.56	mg/Kg	10/23/25 10:42	10/23/25 16:51	6020B	SW3050
7440-41-7	Beryllium	1.46		1	0.050	0.16	mg/Kg	10/23/25 10:42	10/23/25 16:51	6020B	SW3050
7440-43-9	Cadmium	3.62		1	0.028	0.16	mg/Kg	10/23/25 10:42	10/23/25 16:51	6020B	SW3050
7440-70-2	Calcium	10100	N	1	7.47	78.0	mg/Kg	10/23/25 10:42	10/23/25 16:51	6020B	SW3050
7440-47-3	Chromium	231	DN	5	0.20	1.56	mg/Kg	10/23/25 10:42	10/23/25 17:53	6020B	SW3050
7440-48-4	Cobalt	16.9		1	0.014	0.16	mg/Kg	10/23/25 10:42	10/23/25 16:51	6020B	SW3050
7440-50-8	Copper	436	N	1	0.10	0.31	mg/Kg	10/23/25 10:42	10/23/25 16:51	6020B	SW3050
7439-89-6	Iron	65700	D	5	7.18	39.0	mg/Kg	10/23/25 10:42	10/23/25 17:53	6020B	SW3050
7439-92-1	Lead	1030	D	5	0.25	0.78	mg/Kg	10/23/25 10:42	10/23/25 17:53	6020B	SW3050
7439-95-4	Magnesium	10700	N	1	3.01	78.0	mg/Kg	10/23/25 10:42	10/23/25 16:51	6020B	SW3050
7439-96-5	Manganese	568	N	1	0.053	0.16	mg/Kg	10/23/25 10:42	10/23/25 16:51	6020B	SW3050
7439-97-6	Mercury	5.14	D*	10	0.14	0.26	mg/Kg	10/23/25 10:22	10/23/25 15:44	7471B	7471B
7440-02-0	Nickel	76.3	N	1	0.067	0.16	mg/Kg	10/23/25 10:42	10/23/25 16:51	6020B	SW3050
7440-09-7	Potassium	4310	N	1	5.99	78.0	mg/Kg	10/23/25 10:42	10/23/25 16:51	6020B	SW3050
7782-49-2	Selenium	10.6	D	5	2.18	3.90	mg/Kg	10/23/25 10:42	10/23/25 17:53	6020B	SW3050
7440-22-4	Silver	6.92	N	1	0.041	0.16	mg/Kg	10/23/25 10:42	10/23/25 16:51	6020B	SW3050
7440-23-5	Sodium	5280	N	1	10.9	78.0	mg/Kg	10/23/25 10:42	10/23/25 16:51	6020B	SW3050
7440-28-0	Thallium	0.74		1	0.022	0.16	mg/Kg	10/23/25 10:42	10/23/25 16:51	6020B	SW3050
7440-62-2	Vanadium	66.6	N	1	0.017	0.78	mg/Kg	10/23/25 10:42	10/23/25 16:51	6020B	SW3050
7440-66-6	Zinc	793	N	1	0.14	0.78	mg/Kg	10/23/25 10:42	10/23/25 16:51	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

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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-S16-094119-20251021
Lab Sample ID: Q3419-05
Level (low/med): low

Date Collected: 10/21/25
Date Received: 10/21/25
SDG No.: Q3419
Matrix: SOIL
% Solid: 46.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	17400		1	0.65	3.61	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7440-36-0	Antimony	0.56		1	0.081	0.36	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7440-38-2	Arsenic	56.1	D	5	0.11	0.90	mg/Kg	10/23/25 10:42	10/23/25 17:56	6020B	SW3050
7440-39-3	Barium	415		1	0.060	1.81	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7440-41-7	Beryllium	1.46		1	0.058	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7440-43-9	Cadmium	15.3		1	0.033	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7440-70-2	Calcium	9570	N	1	8.66	90.3	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7440-47-3	Chromium	582	DN	5	0.24	1.81	mg/Kg	10/23/25 10:42	10/23/25 17:56	6020B	SW3050
7440-48-4	Cobalt	16.4		1	0.016	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7440-50-8	Copper	603	N	1	0.12	0.36	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7439-89-6	Iron	53000	D	5	8.31	45.2	mg/Kg	10/23/25 10:42	10/23/25 17:56	6020B	SW3050
7439-92-1	Lead	783		1	0.058	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7439-95-4	Magnesium	9680	N	1	3.49	90.3	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7439-96-5	Manganese	426	N	1	0.061	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7439-97-6	Mercury	7.04	D*	10	0.15	0.26	mg/Kg	10/23/25 10:22	10/23/25 15:46	7471B	7471B
7440-02-0	Nickel	121	N	1	0.078	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7440-09-7	Potassium	3810	N	1	6.94	90.3	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7782-49-2	Selenium	5.28	D	5	2.53	4.52	mg/Kg	10/23/25 10:42	10/23/25 17:56	6020B	SW3050
7440-22-4	Silver	9.74	N	1	0.047	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7440-23-5	Sodium	6590	N	1	12.7	90.3	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7440-28-0	Thallium	0.63		1	0.025	0.18	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7440-62-2	Vanadium	91.5	N	1	0.020	0.90	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050
7440-66-6	Zinc	916	N	1	0.16	0.90	mg/Kg	10/23/25 10:42	10/23/25 17:03	6020B	SW3050

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* = 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

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LAB CHRONICLE

OrderID:	Q3419	OrderDate:	10/22/2025 11:01:00 AM
Client:	AECOM	Project:	AE1-CTY 3.2.Z-PR-DOCK-Des-ODC-60693795-1719206
Contact:	Rob Forstner	Location:	D41,VOA Ref.#2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3419-01	PR-132-S16-015094-2 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	
Q3419-04	PR132-S16-119133-2 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	
Q3419-05	PR132-S16-094119-2 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	