

В



SAMPLE DATA



SOIL



P3671-01

Lab Sample ID:

Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 08/19/24 09:15

Project: Former Schlumberger Site Princeton NJ Date Received: 08/19/24

Client Sample ID: S-904-J-SO-0-0.5-081924 SDG No.: P3671

% Solid: 71.3

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weig | ht) Prep Date | Date Ana. | Ana Met. |
|---------------------|-------|------|----|------|------------|----------------|----------------|----------------|------------|
| Hexavalent Chromium | 0.11 | U | 1 | 0.11 | 0.55 | mg/Kg | 08/22/24 14:00 | 08/23/24 12:14 | 7196A |
| TOC | 23200 | OR | 1 | 8.00 | 250 | mg/Kg | | 08/29/24 10:51 | Lloyd Kahn |

Comments:

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

H = Sample Analysis Out Of Hold Time

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







% Solid:

79.7



Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 08/19/24 09:30

Project: Former Schlumberger Site Princeton NJ Date Received: 08/19/24

Client Sample ID: S-904-J-SO-0.5-1.0-081924 SDG No.: P3671

Lab Sample ID: P3671-02 Matrix: SOIL

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weig | ht) Prep Date | Date Ana. | Ana Met. |
|---------------------|-------|------|----|-------|------------|----------------|----------------|----------------|------------|
| Hexavalent Chromium | 0.099 | U | 1 | 0.099 | 0.50 | mg/Kg | 08/22/24 14:00 | 08/23/24 12:15 | 7196A |
| TOC | 18400 | OR | 1 | 8.00 | 250 | mg/Kg | | 08/29/24 11:14 | Lloyd Kahn |

Comments:

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

H = Sample Analysis Out Of Hold Time

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







SOIL



P3671-03

Lab Sample ID:

Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 08/19/24 09:45

Project: Former Schlumberger Site Princeton NJ Date Received: 08/19/24

Client Sample ID: S-911-K1-SO-0-0.5-081924 SDG No.: P3671

% Solid: 46.9

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weig | ht) Prep Date | Date Ana. | Ana Met. |
|---------------------|-------|------|----|------|------------|----------------|----------------|----------------|------------|
| Hexavalent Chromium | 0.17 | U | 1 | 0.17 | 0.84 | mg/Kg | 08/22/24 14:00 | 08/23/24 12:16 | 7196A |
| TOC | 43700 | OR | 1 | 8.00 | 250 | mg/Kg | | 08/29/24 11:40 | Lloyd Kahn |

Comments:

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

H = Sample Analysis Out Of Hold Time

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





SOIL



P3671-04

Lab Sample ID:

Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 08/19/24 10:00

Project: Former Schlumberger Site Princeton NJ Date Received: 08/19/24

Client Sample ID: S-911-K1-SO-0.5-1-081924 SDG No.: P3671

% Solid: 56

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weig | ht) Prep Date | Date Ana. | Ana Met. |
|---------------------|-------|------|----|------|------------|----------------|----------------|----------------|------------|
| Hexavalent Chromium | 0.14 | U | 1 | 0.14 | 0.71 | mg/Kg | 08/22/24 14:00 | 08/23/24 12:17 | 7196A |
| TOC | 55900 | OR | 1 | 8.00 | 250 | mg/Kg | | 08/29/24 12:08 | Lloyd Kahn |

Comments:

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

H = Sample Analysis Out Of Hold Time

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







SOIL



P3671-05

Lab Sample ID:

Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 08/19/24 10:10

Project: Former Schlumberger Site Princeton NJ Date Received: 08/19/24

Client Sample ID: S-911-K1-SO-0-0.5-081924-FD SDG No.: P3671

% Solid: 35

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weig | ht) Prep Date | Date Ana. | Ana Met. |
|---------------------|-------|------|----|------|------------|----------------|----------------|----------------|------------|
| Hexavalent Chromium | 0.22 | U | 1 | 0.22 | 1.13 | mg/Kg | 08/22/24 14:00 | 08/23/24 12:18 | 7196A |
| TOC | 68800 | OR | 1 | 8.00 | 250 | mg/Kg | | 08/29/24 12:32 | Lloyd Kahn |

Comments:

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

H = Sample Analysis Out Of Hold Time

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







SOIL



P3671-06

Lab Sample ID:

Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 08/19/24 10:30

Project: Former Schlumberger Site Princeton NJ Date Received: 08/19/24

Client Sample ID: S-905-KJ-SO-0-0.5-081924 SDG No.: P3671

% Solid: 78.2

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weig | ht) Prep Date | Date Ana. | Ana Met. |
|---------------------|-------|------|----|------|------------|----------------|----------------|----------------|------------|
| Hexavalent Chromium | 0.10 | U | 1 | 0.10 | 0.51 | mg/Kg | 08/22/24 14:00 | 08/23/24 12:19 | 7196A |
| TOC | 19100 | OR | 1 | 8.00 | 250 | mg/Kg | | 08/29/24 12:57 | Lloyd Kahn |

Comments:

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

H = Sample Analysis Out Of Hold Time

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









P3671-07

Lab Sample ID:

Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 08/19/24 10:35

Project: Former Schlumberger Site Princeton NJ Date Received: 08/19/24

Client Sample ID: S-905-KJ-SO-0-0.5-081924-FD SDG No.: P3671

% Solid: 76.6

SOIL

Matrix:

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weig | ht) Prep Date | Date Ana. | Ana Met. |
|---------------------|-------|------|----|------|------------|----------------|----------------|----------------|------------|
| Hexavalent Chromium | 0.10 | U | 1 | 0.10 | 0.52 | mg/Kg | 08/22/24 14:00 | 08/23/24 12:20 | 7196A |
| TOC | 21200 | OR | 1 | 8.00 | 250 | mg/Kg | | 08/29/24 13:36 | Lloyd Kahn |

Comments:

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

H = Sample Analysis Out Of Hold Time

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









P3671-08

Lab Sample ID:

Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 08/19/24 10:45

Project: Former Schlumberger Site Princeton NJ Date Received: 08/19/24

Client Sample ID: S-905-J-SO-0.5-1.0-081924 SDG No.: P3671

% Solid: 82

SOIL

Matrix:

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weig | ht) Prep Date | Date Ana. | Ana Met. |
|---------------------|-------|------|----|-------|------------|----------------|----------------|----------------|------------|
| Hexavalent Chromium | 0.095 | U | 1 | 0.095 | 0.48 | mg/Kg | 08/22/24 14:00 | 08/23/24 12:21 | 7196A |
| TOC | 13600 | OR | 1 | 8.00 | 250 | mg/Kg | | 08/29/24 14:01 | Lloyd Kahn |

Comments:

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

H = Sample Analysis Out Of Hold Time

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





SOIL



P3671-09

Lab Sample ID:

Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 08/19/24 12:10

Project: Former Schlumberger Site Princeton NJ Date Received: 08/19/24

Client Sample ID: S-928-K1-SO-0-0.5-081924 SDG No.: P3671

% Solid: 48

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weigl | nt) Prep Date | Date Ana. | Ana Met. |
|---------------------|-------|------|----|------|------------|-----------------|----------------|----------------|------------|
| Hexavalent Chromium | 0.16 | U | 1 | 0.16 | 0.82 | mg/Kg | 08/22/24 14:00 | 08/23/24 12:24 | 7196A |
| TOC | 35000 | OR | 1 | 8.00 | 250 | mg/Kg | | 08/29/24 14:53 | Lloyd Kahn |

Comments:

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

H = Sample Analysis Out Of Hold Time

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







SDG No.:

P3671



Client Sample ID:

Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 08/19/24 12:20

Project: Former Schlumberger Site Princeton NJ Date Received: 08/19/24

Lab Sample ID: P3671-10 Matrix: SOIL

S-928-K1-SO-0.5-1-081924

% Solid: 57.2

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weigh | ht) Prep Date | Date Ana. | Ana Met. |
|---------------------|-------|------|----|------|------------|-----------------|----------------|----------------|------------|
| Hexavalent Chromium | 0.14 | U | 1 | 0.14 | 0.69 | mg/Kg | 08/22/24 14:00 | 08/23/24 12:25 | 7196A |
| TOC | 30800 | OR | 1 | 8.00 | 250 | mg/Kg | | 08/29/24 15:30 | Lloyd Kahn |

Comments:

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

H = Sample Analysis Out Of Hold Time

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







SOIL



P3671-11

Lab Sample ID:

Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 08/19/24 13:10

Project: Former Schlumberger Site Princeton NJ Date Received: 08/19/24

Client Sample ID: S-903-J-SO-0-0.5-081924 SDG No.: P3671

% Solid: 83.5

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weig | ht) Prep Date | Date Ana. | Ana Met. |
|---------------------|-------|------|----|-------|------------|----------------|----------------|----------------|------------|
| Hexavalent Chromium | 0.094 | U | 1 | 0.094 | 0.48 | mg/Kg | 08/22/24 14:00 | 08/23/24 12:26 | 7196A |
| TOC | 19500 | OR | 1 | 8.00 | 250 | mg/Kg | | 08/29/24 15:51 | Lloyd Kahn |

Comments:

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

H = Sample Analysis Out Of Hold Time

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







SOIL



P3671-12

Lab Sample ID:

Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 08/19/24 13:20

Project: Former Schlumberger Site Princeton NJ Date Received: 08/19/24

Client Sample ID: S-903-J-SO-0.5-1.0-081924 SDG No.: P3671

% Solid: 85.8

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weigh | ht) Prep Date | Date Ana. | Ana Met. |
|---------------------|-------|------|----|-------|------------|-----------------|----------------|----------------|------------|
| Hexavalent Chromium | 0.091 | U | 1 | 0.091 | 0.46 | mg/Kg | 08/22/24 14:00 | 08/23/24 12:27 | 7196A |
| TOC | 13600 | | 1 | 8.00 | 250 | mg/Kg | | 08/29/24 16:12 | Lloyd Kahn |

Comments:

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

H = Sample Analysis Out Of Hold Time

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









Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 08/19/24 13:30

Project: Former Schlumberger Site Princeton NJ Date Received: 08/19/24

Client Sample ID: S-912-J-SO-0-0.5-081924 SDG No.: P3671

 Lab Sample ID:
 P3671-13
 Matrix:
 SOIL

 % Solid:
 30.6

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weig | ht) Prep Date | Date Ana. | Ana Met. |
|---------------------|-------|------|----|------|------------|----------------|----------------|----------------|------------|
| Hexavalent Chromium | 0.25 | U | 1 | 0.25 | 1.28 | mg/Kg | 08/22/24 14:00 | 08/23/24 12:28 | 7196A |
| TOC | 83300 | OR | 1 | 8.00 | 250 | mg/Kg | | 08/29/24 16:39 | Lloyd Kahn |

Comments:

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

H = Sample Analysis Out Of Hold Time

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









Report of Analysis

Client: JACOBS Engineering Group, Inc. Date Collected: 08/19/24 13:40

Project: Former Schlumberger Site Princeton NJ Date Received: 08/19/24

Client Sample ID: S-912-J-SO-0.5-1-081924 SDG No.: P3671

Lab Sample ID: P3671-14 Matrix: SOIL

% Solid: 51.5

| Parameter | Conc. | Qua. | DF | MDL | LOQ / CRQL | Units(Dry Weig | ht) Prep Date | Date Ana. | Ana Met. |
|---------------------|-------|------|----|------|------------|----------------|----------------|----------------|------------|
| Hexavalent Chromium | 0.15 | U | 1 | 0.15 | 0.76 | mg/Kg | 08/22/24 14:00 | 08/23/24 12:29 | 7196A |
| TOC | 26100 | OR | 1 | 8.00 | 250 | mg/Kg | | 08/29/24 17:02 | Lloyd Kahn |

Comments:

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

H = Sample Analysis Out Of Hold Time

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





LAB CHRONICLE

OrderID: P3671

Client: JACOBS Engineering Group, Inc.

Contact: Mary I. Murphy

OrderDate: 8/20/2024 10:36:00 AM

Project: Former Schlumberger Site Princeton NJ **Location:** G11,VOA Ref. #2 Soil,VOA Ref. #3 Water

Test LabID ClientID Matrix Method Sample Date **Prep Date Anal Date** Received SOIL P3671-01 S-904-J-SO-0-0.5-08 08/19/24 08/19/24 1924 09:15 Hexavalent Chromium 7196A 08/22/24 08/23/24 12:14 TOC Lloyd Kahn 08/29/24 10:51 P3671-02 S-904-J-SO-0.5-1.0-0 SOIL 08/19/24 08/19/24 81924 09:30 Hexavalent Chromium 7196A 08/23/24 08/22/24 12:15 TOC Lloyd Kahn 08/29/24 11:14 P3671-03 S-911-K1-SO-0-0.5-0 SOIL 08/19/24 08/19/24 09:45 81924 Hexavalent Chromium 7196A 08/22/24 08/23/24 12:16 TOC Lloyd Kahn 08/29/24 11:40 P3671-04 S-911-K1-SO-0.5-1-0 SOIL 08/19/24 08/19/24 81924 10:00 7196A Hexavalent Chromium 08/22/24 08/23/24 12:17 TOC Lloyd Kahn 08/29/24 12:08 P3671-05 S-911-K1-SO-0-0.5-0 SOIL 08/19/24 08/19/24 81924-FD 10:10 Hexavalent Chromium 7196A 08/22/24 08/23/24 12:18 TOC Lloyd Kahn 08/29/24 12:32



LAB CHRONICLE

| P3671-06 | S-905-KJ-SO-0-0.5-0 81924 | SOIL | | | 08/19/24 10:30 | | | 08/19/24 |
|----------|---------------------------------|------|---------------------|------------|-------------------|----------|----------------------------|----------|
| | | | Hexavalent Chromium | 7196A | | 08/22/24 | 08/23/24 | |
| | | | тос | Lloyd Kahn | | | 12:19 08/29/24 12:57 | |
| P3671-07 | S-905-KJ-SO-0-0.5-0 81924-FD | SOIL | | | 08/19/24 10:35 | | | 08/19/24 |
| | | | Hexavalent Chromium | 7196A | | 08/22/24 | 08/23/24 12:20 | |
| | | | тос | Lloyd Kahn | | | 08/29/24 13:36 | |
| P3671-08 | S-905-J-SO-0.5-1.0-0 81924 | SOIL | | | 08/19/24 10:45 | | | 08/19/24 |
| | | | Hexavalent Chromium | 7196A | | 08/22/24 | 08/23/24 12:21 | |
| | | | тос | Lloyd Kahn | | | 08/29/24 14:01 | |
| P3671-09 | S-928-K1-SO-0-0.5-0 81924 | SOIL | | | 08/19/24 12:10 | | | 08/19/24 |
| | | | Hexavalent Chromium | 7196A | | 08/22/24 | 08/23/24 12:24 | |
| | | | TOC | Lloyd Kahn | | | 08/29/24 14:53 | |
| P3671-10 | S-928-K1-SO-0.5-1-0 81924 | SOIL | | | 08/19/24 12:20 | | | 08/19/24 |
| | | | Hexavalent Chromium | 7196A | | 08/22/24 | 08/23/24 12:25 | |
| | | | TOC | Lloyd Kahn | | | 08/29/24 15:30 | |
| P3671-11 | S-903-J-SO-0-0.5-08 1924 | SOIL | | | 08/19/24 13:10 | | | 08/19/24 |
| | | | Hexavalent Chromium | 7196A | | 08/22/24 | 08/23/24 12:26 | |
| | | | ТОС | Lloyd Kahn | | | 08/29/24 15:51 | |



| | ٨ | D | CH | D | $ \mathbf{\Omega} $ | NI T | | E |
|---|---|---|----|---|---------------------|------|---|----|
| _ | м | D | СП | ĸ | v | ил | L | _E |

| P3671-12 | S-903-J-SO-0.5-1.0-0 81924 | SOIL | 08/19/24 13:20 | | | | | |
|----------|-------------------------------|------|---------------------|------------|-------------------|----------|-------------------|----------|
| | | | Hexavalent Chromium | 7196A | | 08/22/24 | 08/23/24 12:27 | |
| | | | TOC | Lloyd Kahn | | | 08/29/24 16:12 | |
| P3671-13 | S-912-J-SO-0-0.5-08 1924 | SOIL | | | 08/19/24 13:30 | | | 08/19/24 |
| | | | Hexavalent Chromium | 7196A | | 08/22/24 | 08/23/24 12:28 | |
| | | | ТОС | Lloyd Kahn | | | 08/29/24 16:39 | |
| P3671-14 | S-912-J-SO-0.5-1-08 1924 | SOIL | | | 08/19/24 13:40 | | | 08/19/24 |
| | | | Hexavalent Chromium | 7196A | | 08/22/24 | 08/23/24 12:29 | |
| | | | TOC | Lloyd Kahn | | | 08/29/24 17:02 | |