

Legend

⊕ Soil sample location

Notes

B – Benzene
 TPH – Total Petroleum Hydrocarbons
 EC – Electrical Conductivity
 SVOC - Semivolatle Organic Compounds
 SAR – Sodium Adsorption Ratio
 mg/kg – Milligrams Per Kilogram

All locations are approximate unless otherwise noted.

* Soil sample collected below designated root zone

< Stds = Below Table 910-1 soil standards

< Stds ex. AS = Below Table 910-1 soil standards with the exception of arsenic

RED text indicates an exceedance of COGCC Table 910-1 standards

0 ft. 20 ft. 40 ft.

Image Source: Google Earth 2015

DATE: December 27, 2016

DESIGNED BY: R. Cornez

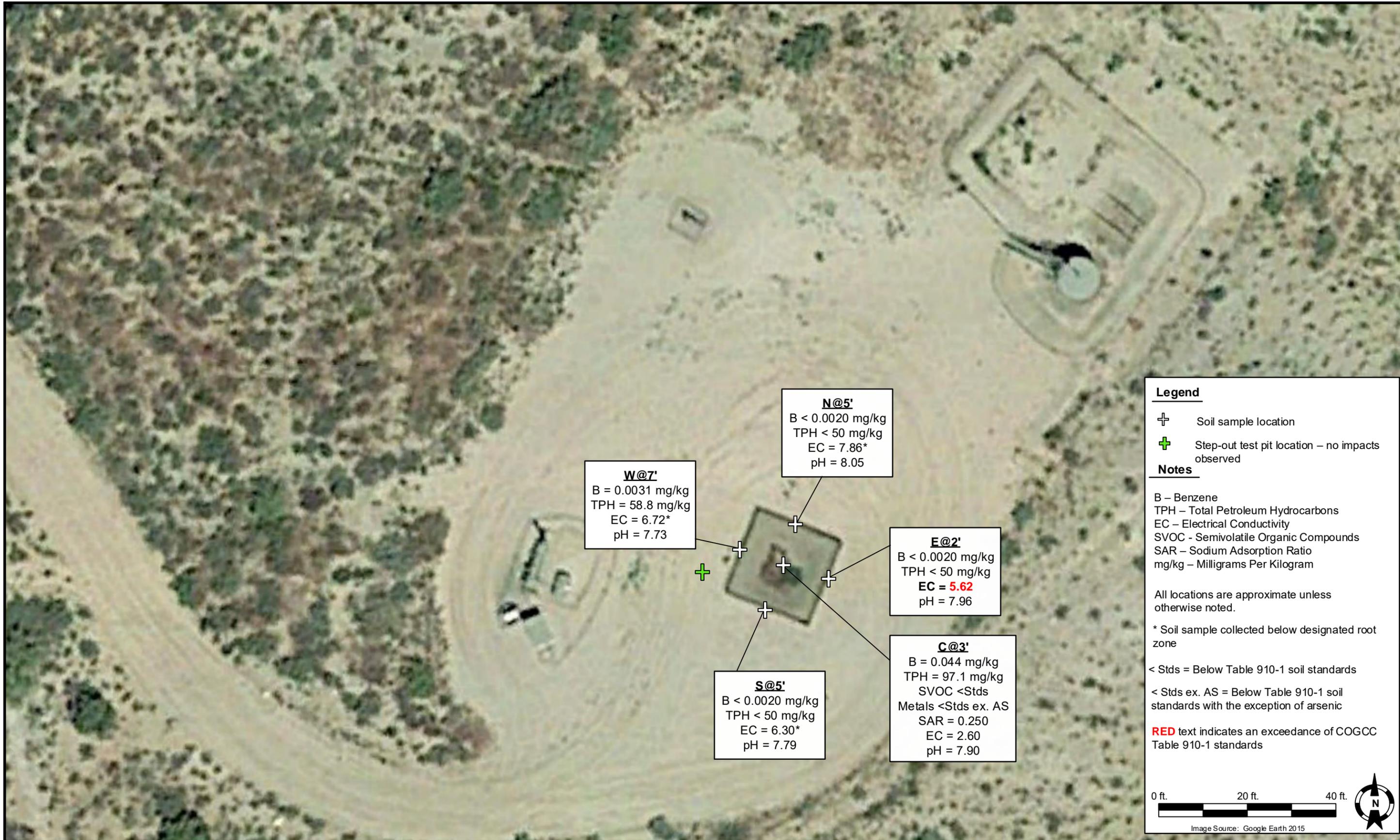
DRAWN BY: D. Arnold



Foundation Energy Management, LLC
Federal 1-34
 NWNE, Section 34, Township 7 South, Range 104 West
 Garfield County, Colorado

Soil Sample Location
 Map

FIGURE
 2



W@7'
 B = 0.0031 mg/kg
 TPH = 58.8 mg/kg
 EC = 6.72*
 pH = 7.73

N@5'
 B < 0.0020 mg/kg
 TPH < 50 mg/kg
 EC = 7.86*
 pH = 8.05

S@5'
 B < 0.0020 mg/kg
 TPH < 50 mg/kg
 EC = 6.30*
 pH = 7.79

E@2'
 B < 0.0020 mg/kg
 TPH < 50 mg/kg
EC = 5.62
 pH = 7.96

C@3'
 B = 0.044 mg/kg
 TPH = 97.1 mg/kg
 SVOC <Stds
 Metals <Stds ex. AS
 SAR = 0.250
 EC = 2.60
 pH = 7.90

Legend

- ⊕ Soil sample location
- ⊕ Step-out test pit location – no impacts observed

Notes

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0 ft. 20 ft. 40 ft.



Image Source: Google Earth 2015

DATE: December 27, 2016

DESIGNED BY: R. Cornez

DRAWN BY: D. Arnold



Foundation Energy Management, LLC
Federal 1-35
 NWSW, Section 35, Township 7 South, Range 104 West
 Garfield County, Colorado

Soil Sample Location
 Map

FIGURE
 3



Legend

⊕ Soil sample location

Notes

B – Benzene
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 mg/kg – Milligrams Per Kilogram

All locations are approximate unless otherwise noted.

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< Stds ex. AS = Below Table 910-1 soil standards with the exception of arsenic

RED text indicates an exceedance of COGCC Table 910-1 standards

0 ft. 20 ft. 40 ft.

Image Source: Google Earth 2015

DATE: January 4, 2017

DESIGNED BY: R. Cornez

DRAWN BY: D. Arnold



Foundation Energy Management, LLC
Federal 43-4
 NESE, Section 4, Township 8 South, Range 104 West
 Garfield County, Colorado

Soil Sample Location
 Map

FIGURE
 4



C@4'
 B <0.0020 mg/kg
TPH = 18,500 mg/kg
 SVOC <Stds
 Metals <Stds ex. AS
 SAR=8.78
 EC = 6.52*
 pH = 8.15

N@8'
 B <0.0020 mg/kg
 TPH <50 mg/kg
 EC = 5.89*
 pH = 8.16

W@10'
 B <0.0020 mg/kg
 TPH <50 mg/kg
 EC = 4.25*
 pH = 8.01

E@8'
 B <0.0020 mg/kg
 TPH <50 mg/kg
 EC = 6.24*
 pH = 7.91

S@6'
 B <0.0020 mg/kg
 TPH <50 mg/kg
 EC = 2.33
 pH = 8.04

Legend

⊕ Soil sample location

Notes

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 mg/kg – Milligrams Per Kilogram

All locations are approximate unless otherwise noted.

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 < Stds ex. AS = Below Table 910-1 soil standards with the exception of arsenic

RED text indicates an exceedance of COGCC Table 910-1 standards

0 ft. 20 ft. 40 ft.

Image Source: Google Earth 2015

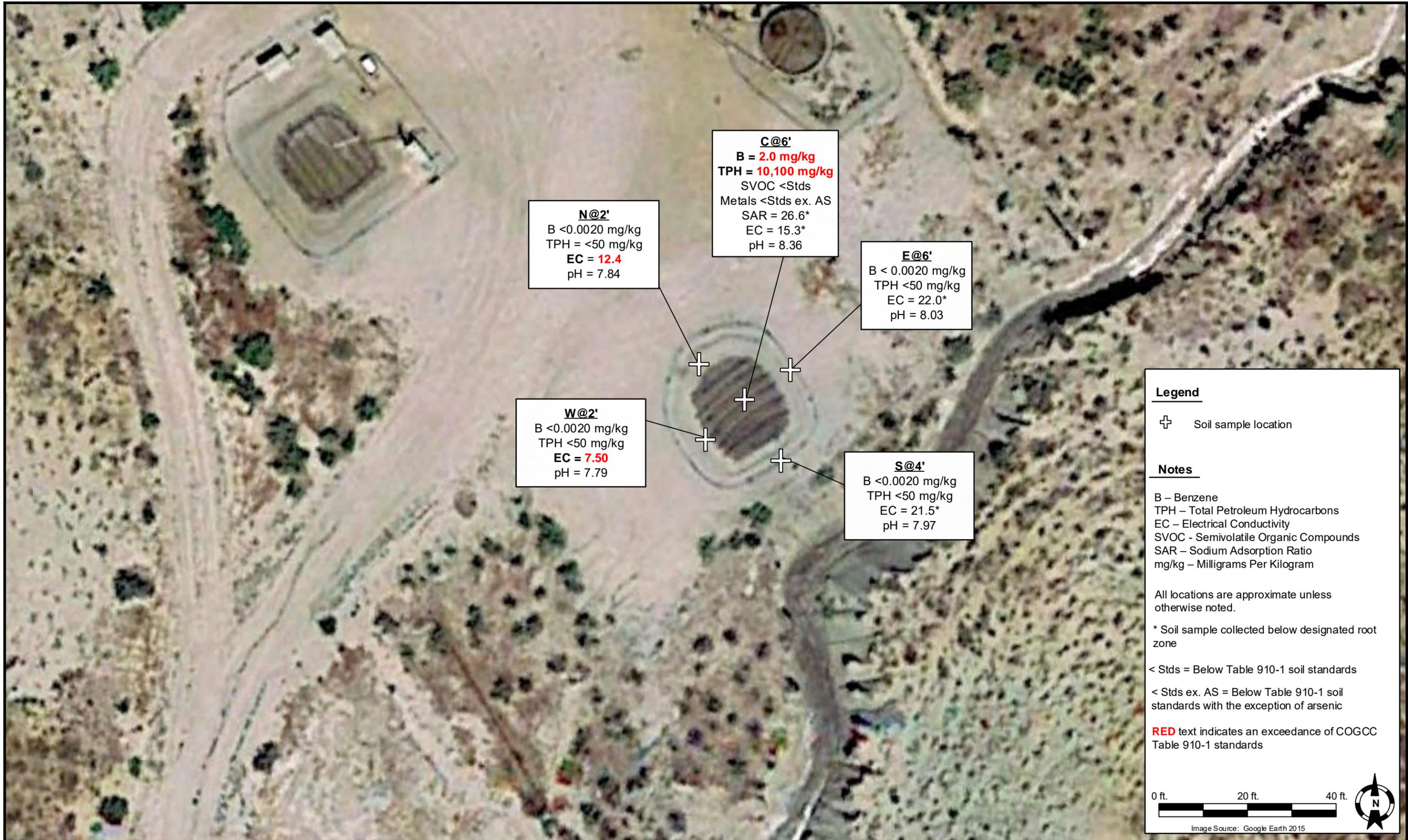
DATE:	January 4, 2017
DESIGNED BY:	R. Cornez
DRAWN BY:	D. Arnold



Foundation Energy Management, LLC
Federal 12-3
 NESW, Section 4, Township 8 South, Range 104 West
 Garfield County, Colorado

Soil Sample Location
 Map

FIGURE
 5



DATE: January 4, 2017

DESIGNED BY: R. Cornez

DRAWN BY: D. Arnold



Foundation Energy Management, LLC
Federal 3-11
 NWSW, Section 11, Township 8 South, Range 104 West
 Garfield County, Colorado

Soil Sample Location
 Map

FIGURE
 6



DATE:	January 4, 2017
DESIGNED BY:	R. Cornez
DRAWN BY:	D. Arnold



Foundation Energy Management, LLC
Ferguson 3-9
 NESW, Section 9, Township 8 South, Range 104 West
 Garfield County, Colorado

Soil Sample Location
 Map

FIGURE
 7