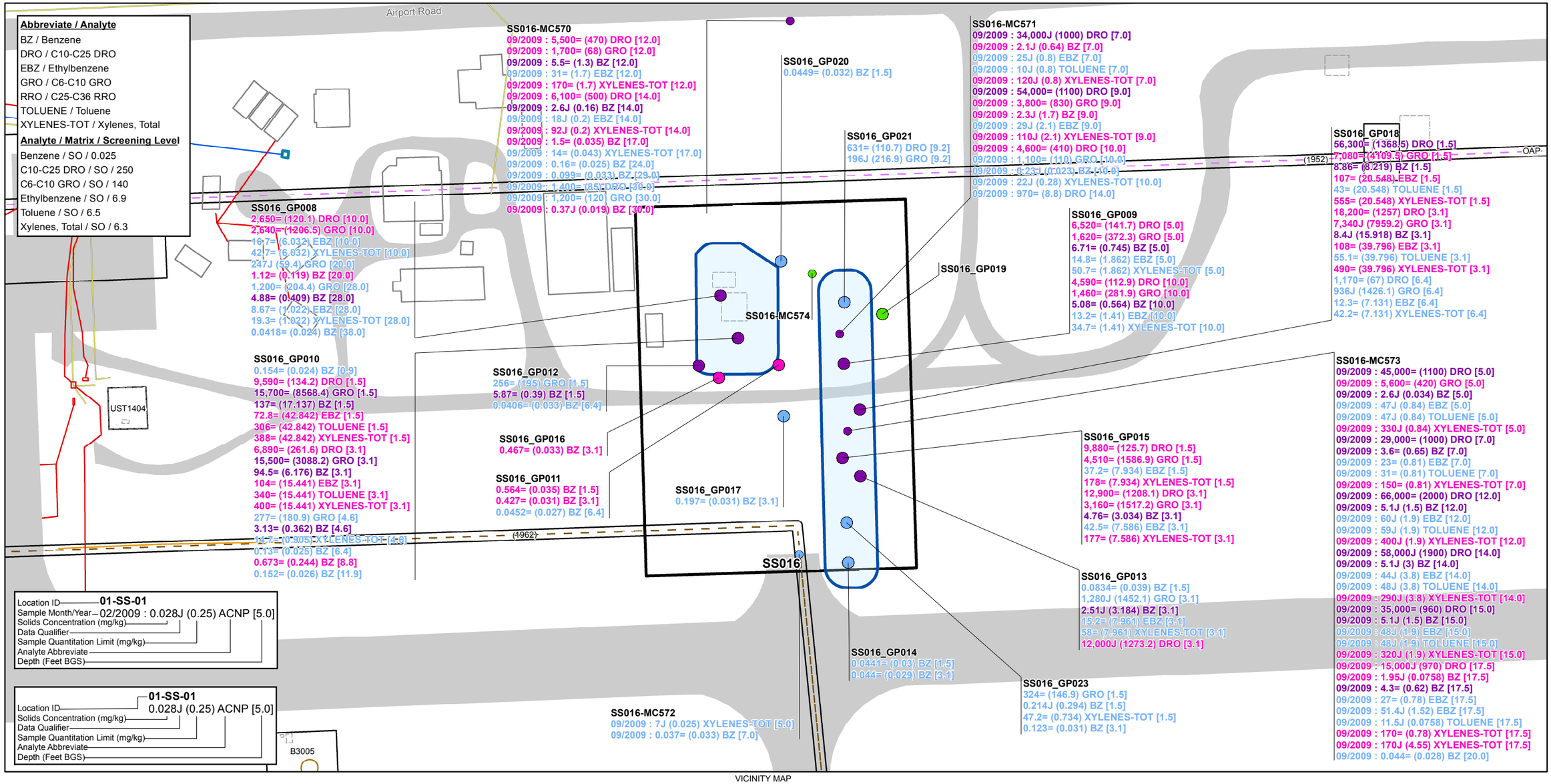


LEGEND

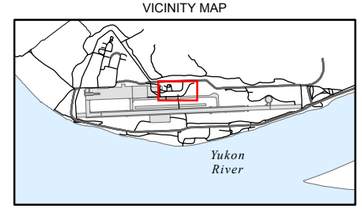
- SS016
- Adjacent Site
- Airfield or Road
- Approximate Location of Former Feature
- Structure
- Abandoned Fuel Line
- Abandoned Fuel Line (1952)
- Abandoned Fuel Line (1962)
- Electrical Line
- Fuel Tank
- Approximate Excavation Limit

Utility Locates - 2010

- Electrical Line
- Communications Line
- Potable Water Main
- Electrical Transformer
- Utility Vault

- Sample Exceeds Screening Level (Greater than 100X analyte SL)
- Sample Exceeds Screening Level (Greater than 10X analyte SL)
- Sample Exceeds Screening Level (1 to 10X analyte SL)
- Sample Does Not Exceed Screening Level
- Historical Sample Exceeds Screening Level (Greater than 100X analyte SL)
- Historical Sample Does Not Exceed Screening Level

VICINITY MAP



0 50 100
Feet

N

Notes:

1. B - The analyte was detected in the associated method and/or calibration blank.
   F - The analyte was positively identified by the lab: the associated numerical value is the approximate concentration of the analyte in the sample.
   J - The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
   S - The sample results are unvalidated and should be used for screening purposes only.
2. Only detects are shown.
3. Screening levels are presented in units of mg/kg for SO (soil) samples.
4. Purple Label = Sample Exceeds Screening Level (Greater than 100X analyte SL)
5. Scarlet Label = Sample Exceeds Screening Level (Greater than 10X analyte SL)
6. Blue Label = Sample Exceeds Screening Level (1 to 10X analyte SL)
7. SL = Screening Level
8. Depth shown is the TOP depth of the sample.
9. 2010 utilities shown are underground only.

Site Name: SS016
Investigation Type: SC
Analytes: ALL
Media: Soil
SLs: Soil Extent
Data Range: 2011 and Historical

DRAFT

CH2MHILL

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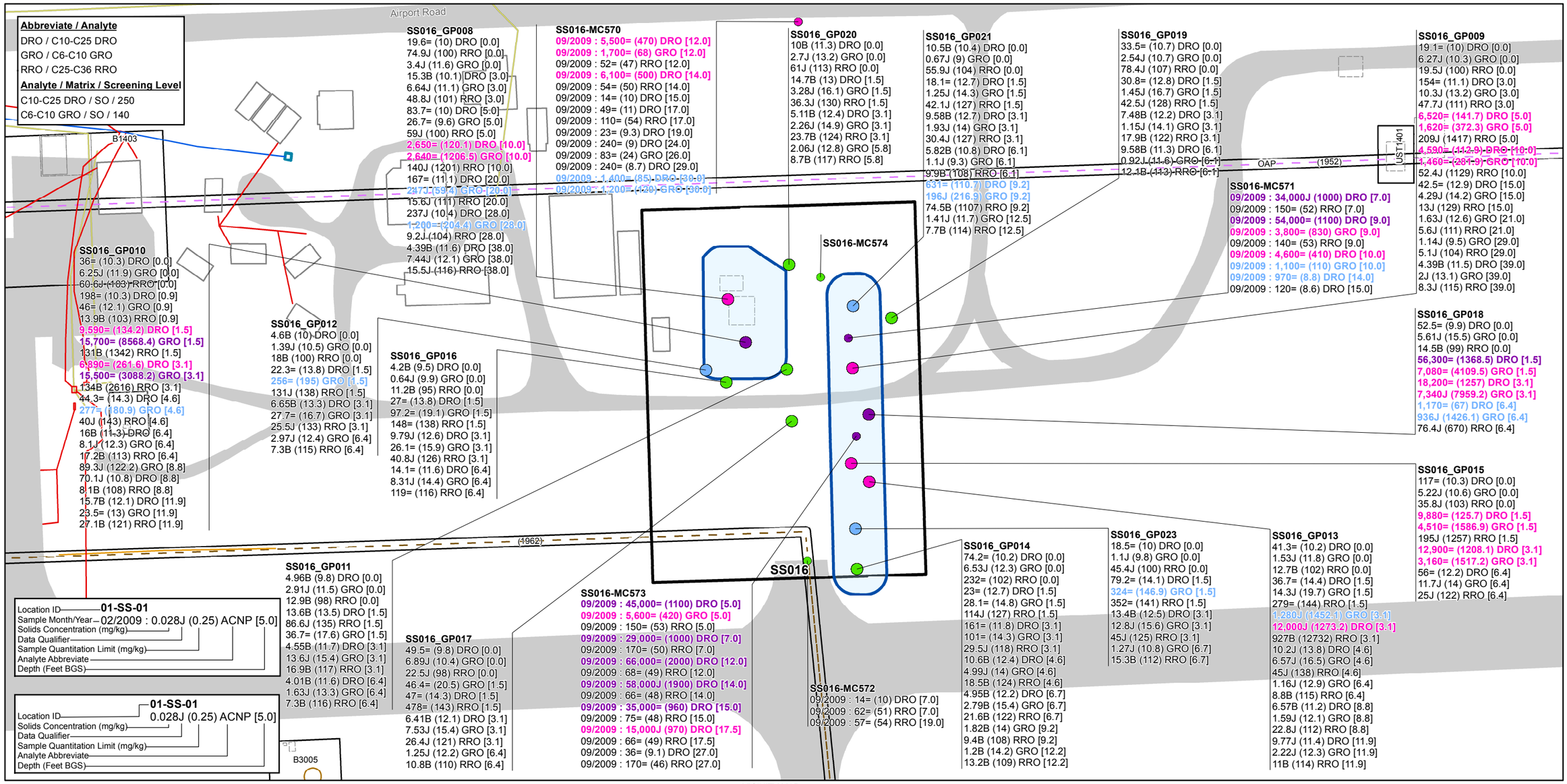


LEGEND

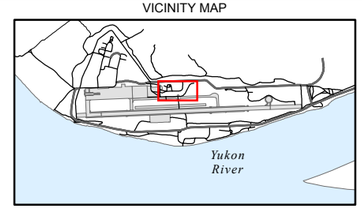
- SS016
- Adjacent Site
- Airfield or Road
- Approximate Location of Former Feature
- Structure
- Abandoned Fuel Line
- Abandoned Fuel Line (1952)
- Abandoned Fuel Line (1962)
- Electrical Line
- Fuel Tank
- Approximate Excavation Limit

Utility Locates - 2010

- Electrical Line
- Communications Line
- Potable Water Main
- Electrical Transformer
- Utility Vault

- Sample Exceeds Screening Level (Greater than 100X analyte SL)
- Sample Exceeds Screening Level (Greater than 10X analyte SL)
- Sample Exceeds Screening Level (1 to 10X analyte SL)
- Sample Does Not Exceed Screening Level
- Historical Sample Exceeds Screening Level (Greater than 100X analyte SL)
- Historical Sample Exceeds Screening Level (Greater than 10X analyte SL)
- Historical Sample Exceeds Screening Level (1 to 10X analyte SL)
- Historical Sample Does Not Exceed Screening Level

VICINITY MAP



0 50 100
Feet

N

Notes:

1. B - The analyte was detected in the associated method and/or calibration blank.
   J - The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
2. Only detects are shown.
3. Screening levels are presented in units of mg/kg for SO (soil) samples.
4. **Purple Label** = Sample Exceeds Screening Level (Greater than 100X analyte SL)
5. **Scarlet Label** = Sample Exceeds Screening Level (Greater than 10X analyte SL)
6. **Blue Label** = Sample Exceeds Screening Level (1 to 10X analyte SL)
7. SL = Screening Level
8. Depth shown is the TOP depth of the sample.
9. 2010 utilities shown are underground only.

Site Name: SS016
Investigation Type: SC
Analytes: Petroleum Hydrocarbons
Media: Soil
SLs: Soil Extent
Data Range: 2011 and Historical

DRAFT

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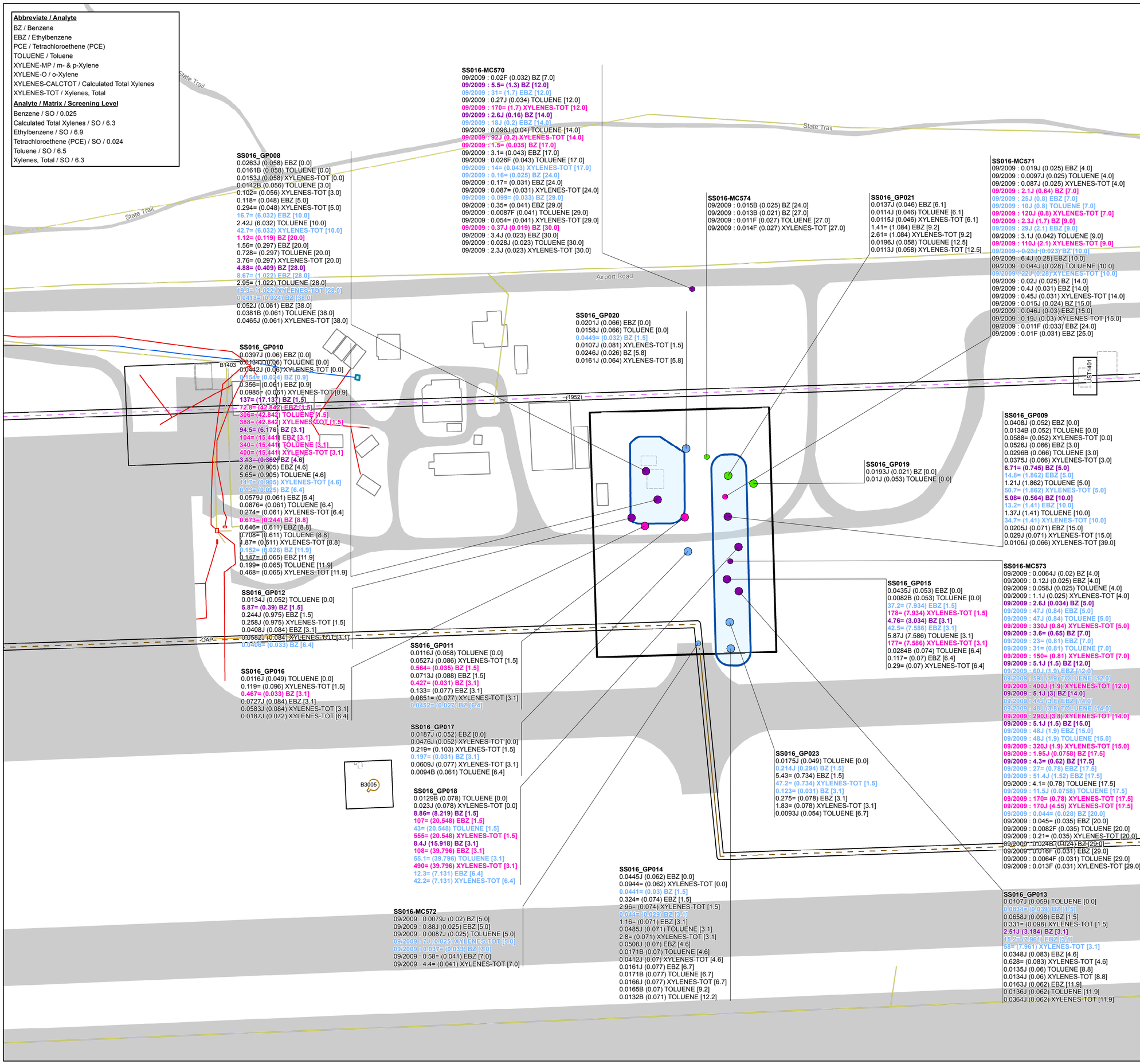
Abbreviate / Analyte
BZ / Benzene
EBZ / Ethylbenzene
PCE / Tetrachloroethene (PCE)
TOLUENE / Toluene
XYLENE-MP / m- & p-Xylene
XYLENE-O / o-Xylene
XYLENES-CALCTOT / Calculated Total Xylenes
XYLENES-TOT / Xylenes, Total

Analyte / Matrix / Screening Level
Benzene / SO / 0.025
Calculated Total Xylenes / SO / 6.3
Ethylbenzene / SO / 6.9
Tetrachloroethene (PCE) / SO / 0.024
Toluene / SO / 6.5
Xylenes, Total / SO / 6.3

Location ID — 01-SS-01
Sample Month/Year — 02/2009 : 0.028J (0.0) ACNP [0.028]
Solids Concentration (mg/kg)
Data Qualifier
Reporting Limit (mg/kg)
Analyte Abbreviate
Depth (Feet BGS)

Location ID — 01-SS-01
Solids Concentration (mg/kg) — 0.028J (0.25) ACNP [5.0]
Data Qualifier
Sample Quantitation Limit (mg/kg)
Analyte Abbreviate
Depth (Feet BGS)



LEGEND
- SS016
- Adjacent Site
- Airfield or Road
- Approximate Location of Former Feature
- Structure
- Electrical Line
- Abandoned Fuel Line
- Abandoned Fuel Line (1952)
- Abandoned Fuel Line (1962)
- Fuel Tank
- Approximate Excavation Limit
- Sample Exceeds Screening Level (Greater than 100X analyte SL)
- Sample Exceeds Screening Level (Greater than 10X analyte SL)
- Sample Exceeds Screening Level (1 to 10X analyte SL)
- Sample Does Not Exceed Screening Level
- Historical Sample Exceeds Screening Level (Greater than 100X analyte SL)
- Historical Sample Does Not Exceed Screening Level

Utility Locates - 2010
- Electrical Line
- Communications Line
- Potable Water Main
- Fuel/Gas Line
- Electrical Transformer
- Utility Vault

Notes:
1. B - The analyte was detected in the associated method and/or calibration blank.
   F - The analyte was positively identified by the lab: the associated numerical value is the approximate concentration of the analyte in the sample.
   J - The analyte was positively identified: the associated numerical value is the approximate concentration of the analyte in the sample.
   S - The sample results are unvalidated and should be used for screening purposes only.
2. Only detects are shown.
3. All historic sample data show limited depths (0 to 20 feet).
4. Screening levels are presented in units of
5. **Purple Label** = Sample Exceeds Screening Level
6. **Scarlet Label** = Sample Exceeds Screening Level
7. **Blue Label** = Sample Exceeds Screening Level (1 to 10X analyte SL)
8. SL = Screening Level
9. Depth shown is the TOP depth of the sample.
10. 2010 utilities shown are underground only.

0 50 100
Feet

N

DRAFT

Site Name: SS016
Investigation Type: SC
Analytes: Volatile Organic Compounds
Media: Soil
SLs: Soil Extent
Data Range: 2011 and Historical

CH2MHILL

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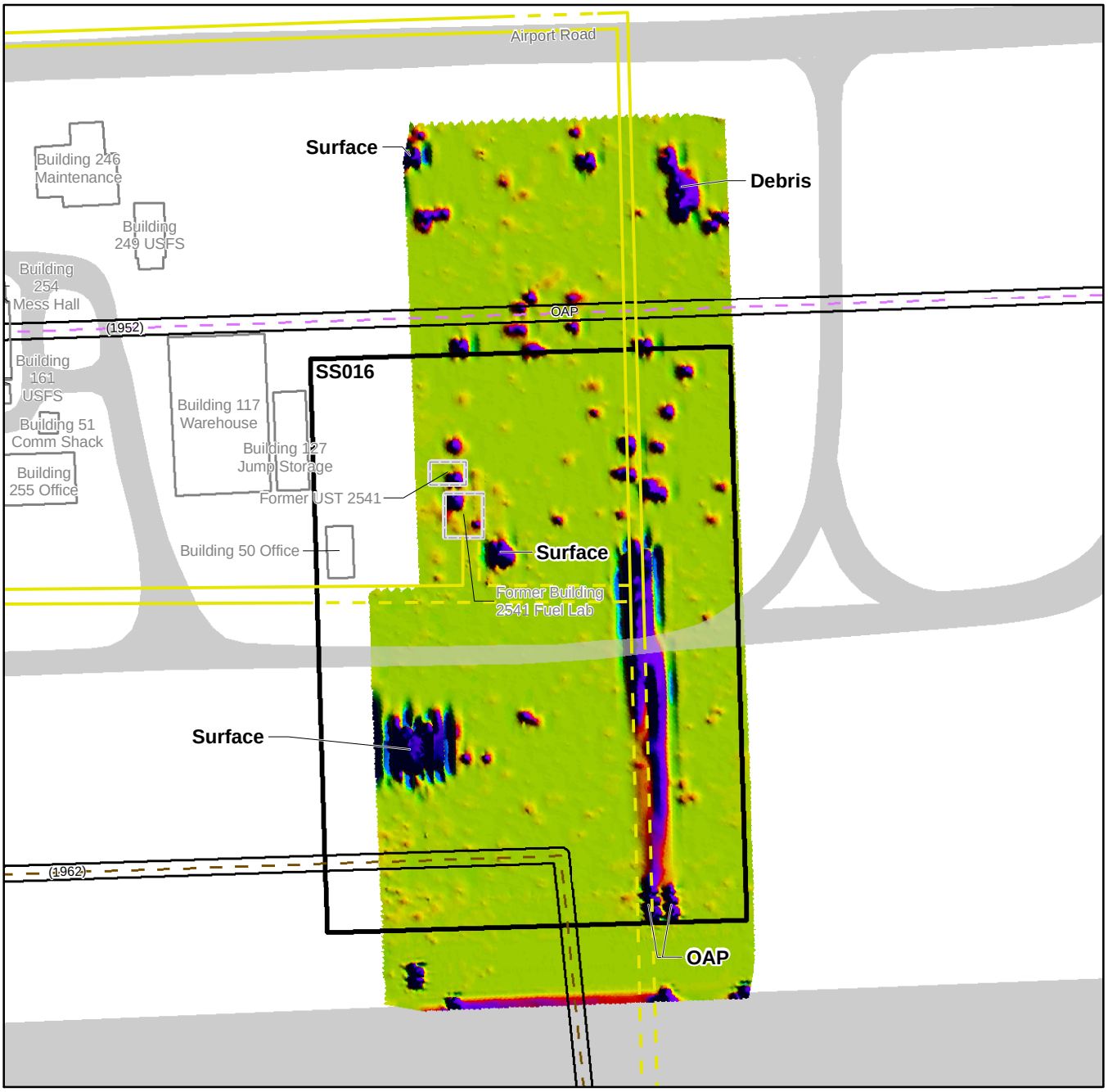


LEGEND

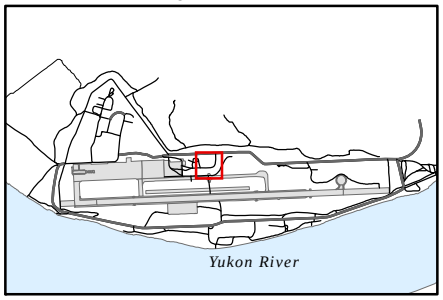
- SS016
- Adjacent Site
- Airfield or Road
- Approximate Location of Former Feature
- Structure
- Abandoned Fuel Line (1952)
- Abandoned Fuel Line (1962)
- Aboveground Fuel Line (Removed)
- Underground Fuel Line (Inactive)

91
83
74
66
57
49
40
31
23
14
6
-3
-11
-20
-29
-37
-46
mV

N

0 50 100
Feet

VICINITY MAP



Note:
1. July 2010 GPR data is provided by SageEarth, Inc.

SS016 Site
Geophysical Survey - EM61
July 2010

Former Galena Forward Operating Location, Alaska

CH2MHILL