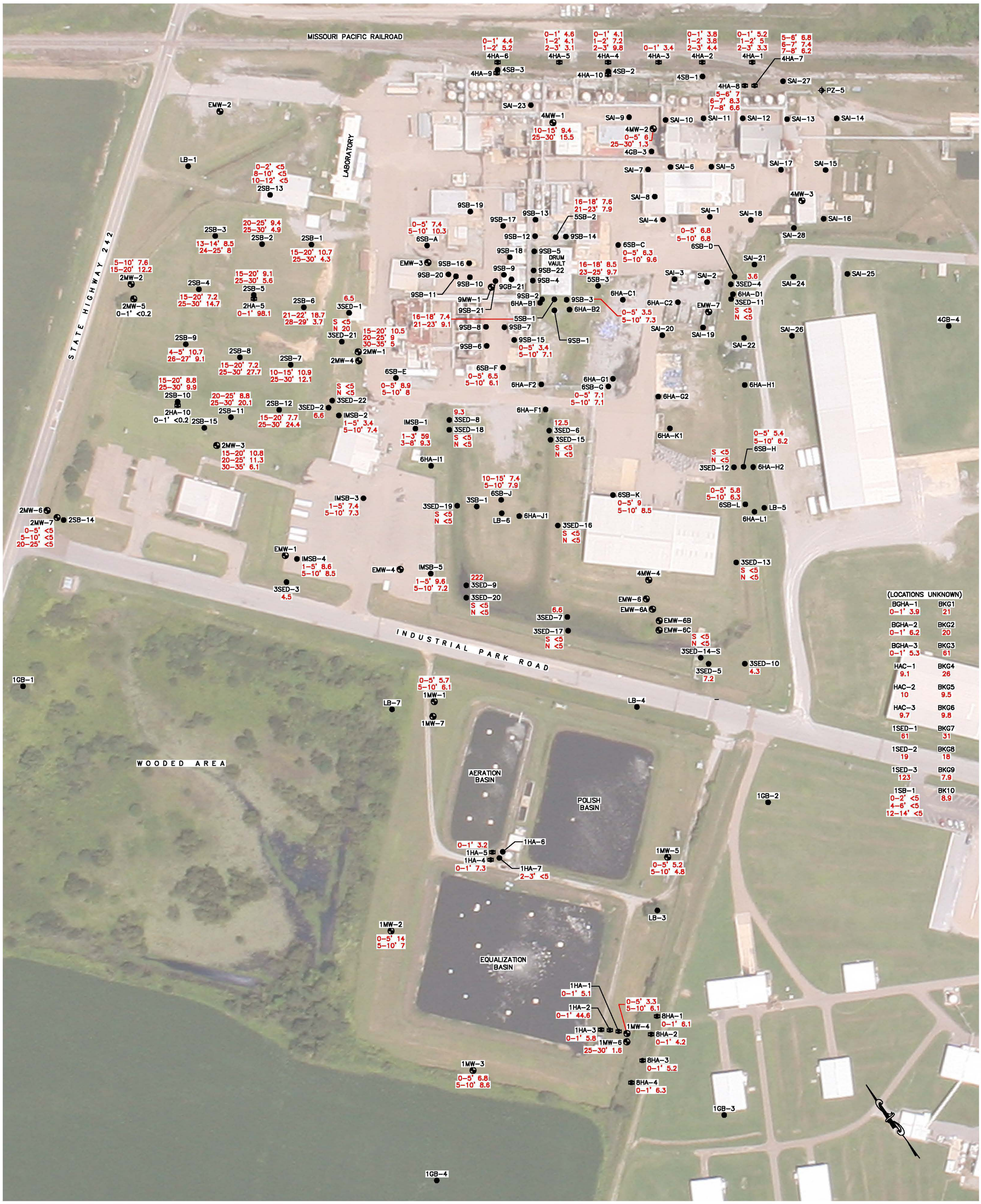


LEGEND

- MONITORING WELL
- SOIL BORING
- HAND AUGER BORING
- PIEZOMETER

ARSENIC – INDUSTRIAL OUTDOOR WORKER SOIL MSSL = 1.8 mg/kg

ARSENIC – DILUTION ATTENUATION FACTOR MSSL = 1 mg/kg

NOTE: LOCATIONS WITH NO RESULT SHOWN INDICATE SAMPLE NOT ANALYZED OR THERE IS NOT DATA AVAILABLE

MSSL – MEDIUM SPECIFIC SCREENING LEVEL (USEPA REGION 6, 2007)

DAF – DILUTION ATTENUATION FACTOR MSSL (USEPA REGION 6, 2007)

mg/kg – MILLIGRAMS PER KILOGRAM

S – SEDIMENT

N – NATIVE SOIL

4-5' 0.014 ← DEPTH OF SAMPLE & CONCENTRATION (mg/kg)

<0.5 ← CONCENTRATION NOT DETECTED ABOVE RESPECTIVE REPORTING LIMIT

VALUE EXCEEDS USEPA REGION 6 DAF AND/OR INDUSTRIAL SOIL MSSLs

0 100
SCALE IN FEET

SOIL DATA SOURCES FROM ENSAFE, 1993, 1994 & 1995 INVESTIGATION REPORTS

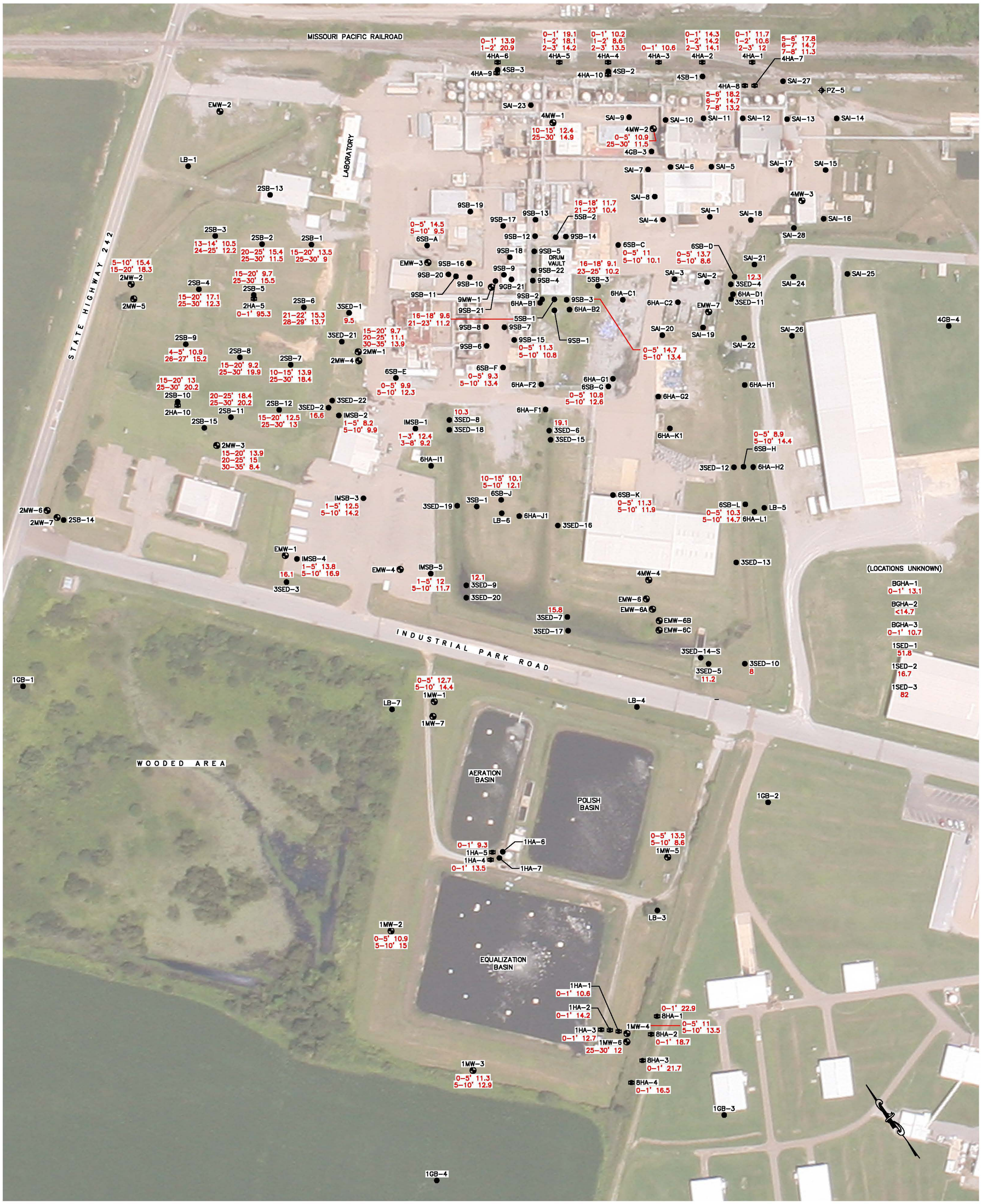
ARSENIC DISTRIBUTION IN SOIL

Cedar Chemical
Helena-West Helena, Arkansas

By: HCS	Date: 11-12-07	Project No. 13636
Geomatrix		Figure 16

11/13/07 SOIL-DATA.dwg

9545207



LEGEND

- MONITORING WELL
- SOIL BORING
- HAND AUGER BORING
- PIEZOMETER

TOTAL CHROMIUM – INDUSTRIAL OUTDOOR WORKER SOIL MSSL = 500 mg/kg

TOTAL CHROMIUM – DILUTION ATTENUATION FACTOR MSSL = 2 mg/kg

NOTE: LOCATIONS WITH NO RESULT SHOWN INDICATE SAMPLE NOT ANALYZED OR THERE IS NOT DATA AVAILABLE

MSSL – MEDIUM SPECIFIC SCREENING LEVEL (USEPA REGION 6, 2007)

DAF – DILUTION ATTENUATION FACTOR MSSL (USEPA REGION 6, 2007)

mg/kg – MILLIGRAMS PER KILOGRAM

S – SEDIMENT

N – NATIVE SOIL

4-5' 0.014 ← DEPTH OF SAMPLE & CONCENTRATION (mg/kg)

<0.5 ← CONCENTRATION NOT DETECTED ABOVE RESPECTIVE REPORTING LIMIT

VALUE EXCEEDS USEPA REGION 6 DAF AND/OR INDUSTRIAL SOIL MSSLs

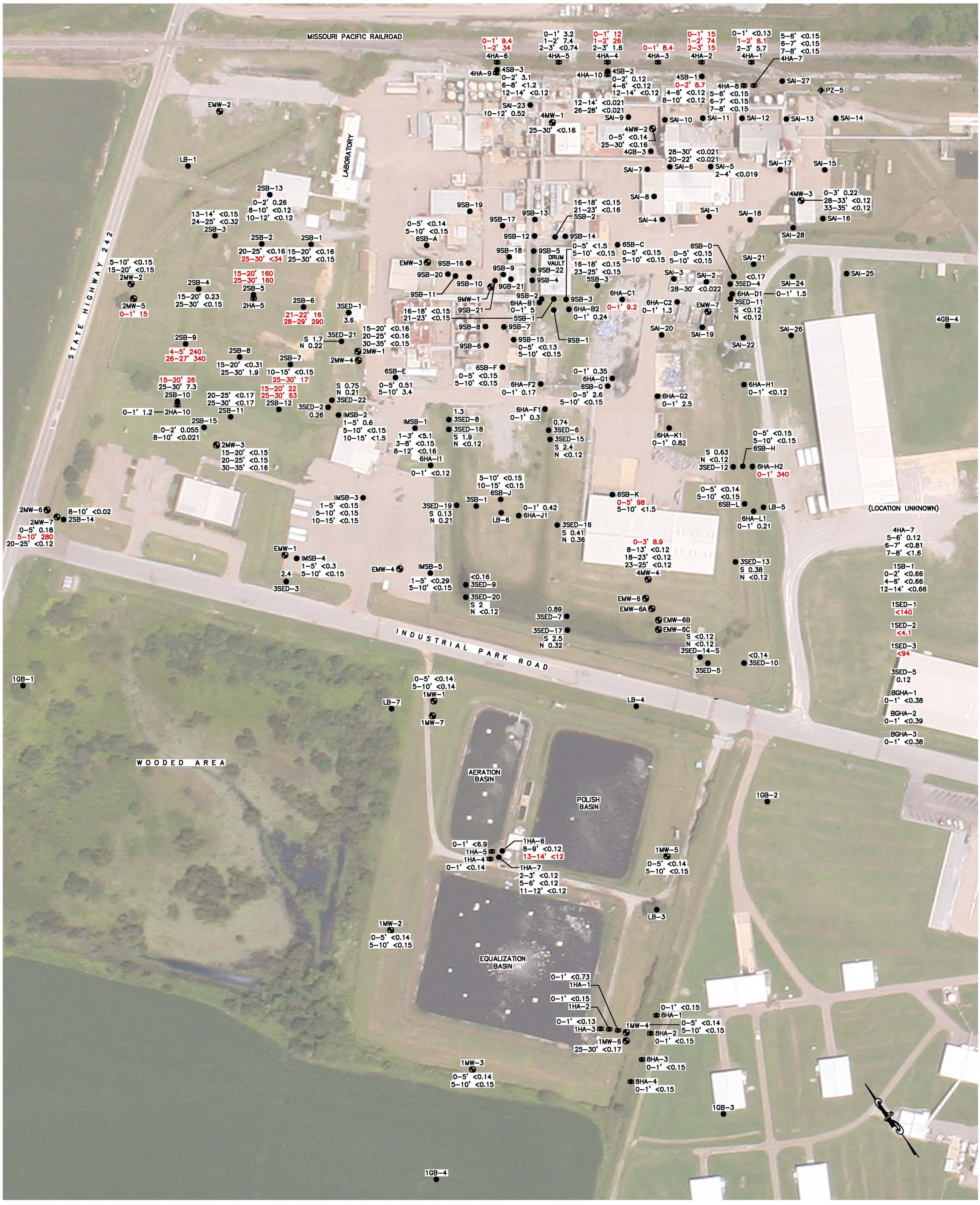
0 100
SCALE IN FEET

SOIL DATA SOURCES FROM ENSAFE, 1993, 1994 & 1995 INVESTIGATION REPORTS

TOTAL CHROMIUM DISTRIBUTION IN SOIL
Cedar Chemical
Helena-West Helena, Arkansas

By: HCS	Date: 11-12-07	Project No. 13636
Geomatrix		Figure 17

11/13/07 SOIL-DATA.dwg



LEGEND

- MONITORING WELL
- SOIL BORING
- HAND AUGER BORING
- PIEZOMETER

METHOXYCHLOR – INDUSTRIAL OUTDOOR WORKER SOIL MSSL = 3400 mg/kg

METHOXYCHLOR – DILUTION ATTENUATION FACTOR MSSL = 8 mg/kg

NOTE: LOCATIONS WITH NO RESULT SHOWN INDICATE SAMPLE NOT ANALYZED OR THERE IS NOT DATA AVAILABLE

MSSL – MEDIUM SPECIFIC SCREENING LEVEL (USEPA REGION 6, 2007)

DAF – DILUTION ATTENUATION FACTOR MSSL (USEPA REGION 6, 2007)

mg/kg – MILLIGRAMS PER KILOGRAM

S – SEDIMENT

N – NATIVE SOIL

4–5' 0.014 ← DEPTH OF SAMPLE & CONCENTRATION (mg/kg)

<0.5 ← CONCENTRATION NOT DETECTED ABOVE RESPECTIVE REPORTING LIMIT

VALUE EXCEEDS USEPA REGION 6 DAF AND/OR INDUSTRIAL SOIL MSSLs

0 100

SCALE IN FEET

SOIL DATA SOURCES FROM ENSAFE, 1993, 1994 & 1995 INVESTIGATION REPORTS

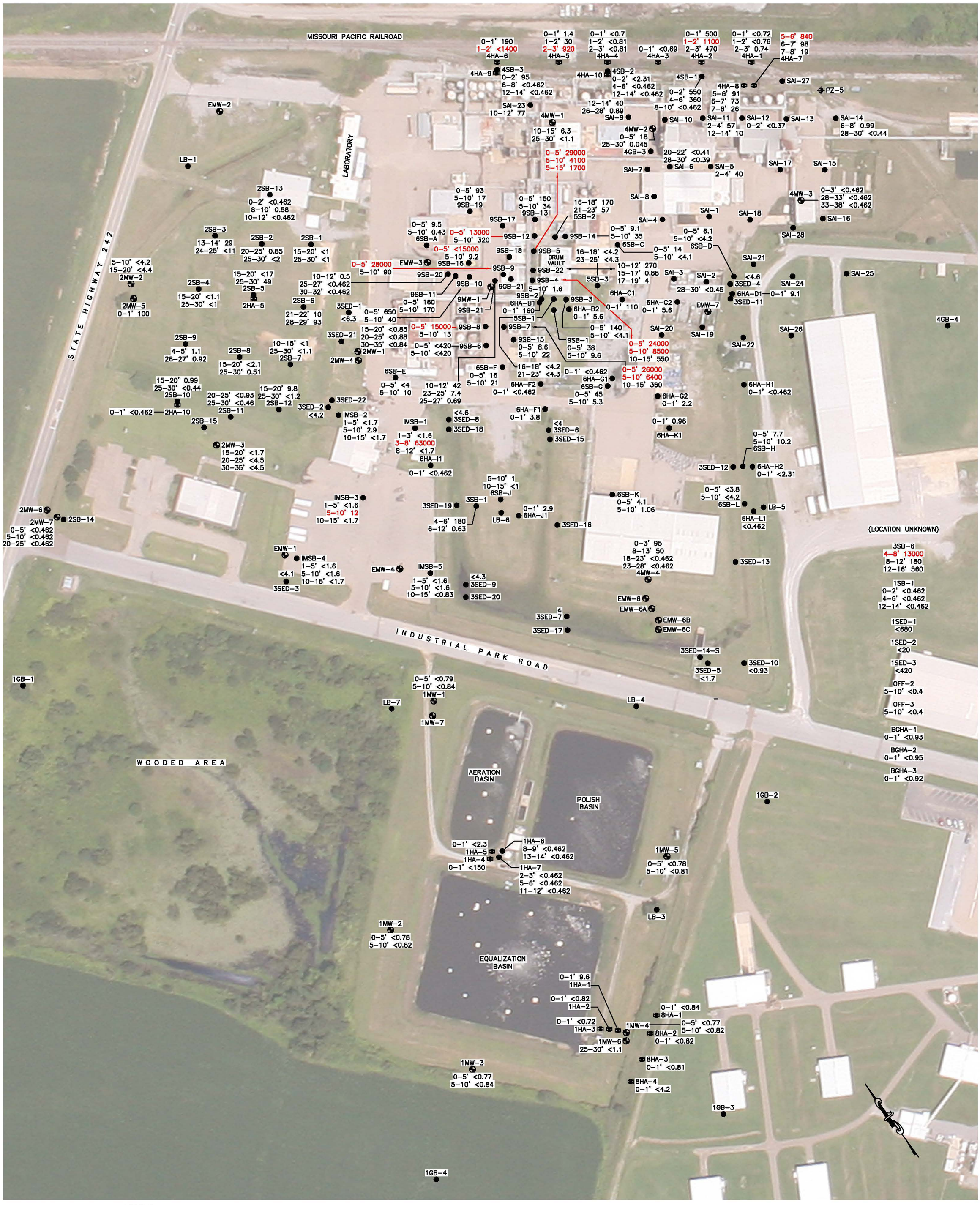
METHOXYCHLOR DISTRIBUTION IN SOIL

Cedar Chemical

Helena-West Helena, Arkansas

By: HCS	Date: 11-12-07	Project No. 13636
Geomatrix		Figure 18

11/13/07 SOIL-DATA.dwg



SOIL DATA SOURCES FROM ENSAFE, 1993, 1994 & 1995 INVESTIGATION REPORTS

LEGEND

- MONITORING WELL
- SOIL BORING
- HAND AUGER BORING
- PIEZOMETER

DINOSEB – INDUSTRIAL OUTDOOR WORKER SOIL MSSL = 680 mg/kg

DINOSEB – DILUTION ATTENUATION FACTOR MSSL = N/A (DINOSEB HAS NO PUBLISHED LEVEL)

NOTE: LOCATIONS WITH NO RESULT SHOWN INDICATE SAMPLE NOT ANALYZED OR THERE IS NOT DATA AVAILABLE

MSSL – MEDIUM SPECIFIC SCREENING LEVEL (USEPA REGION 6, 2007)

DAF – DILUTION ATTENUATION FACTOR MSSL (USEPA REGION 6, 2007)

mg/kg – MILLIGRAMS PER KILOGRAM

S – SEDIMENT

N – NATIVE SOIL

4–5' 0.014 ← DEPTH OF SAMPLE & CONCENTRATION (mg/kg)

<0.5 ← CONCENTRATION NOT DETECTED ABOVE RESPECTIVE REPORTING LIMIT

VALUE EXCEEDS USEPA REGION 6 DAF AND/OR INDUSTRIAL SOIL MSSLs

DINOSEB DISTRIBUTION IN SOIL

Cedar Chemical
Helena-West Helena, Arkansas

By: HCS	Date: 11-12-07	Project No. 13636
Geomatrix		Figure 19

11/13/07 SOIL-DATA.dwg