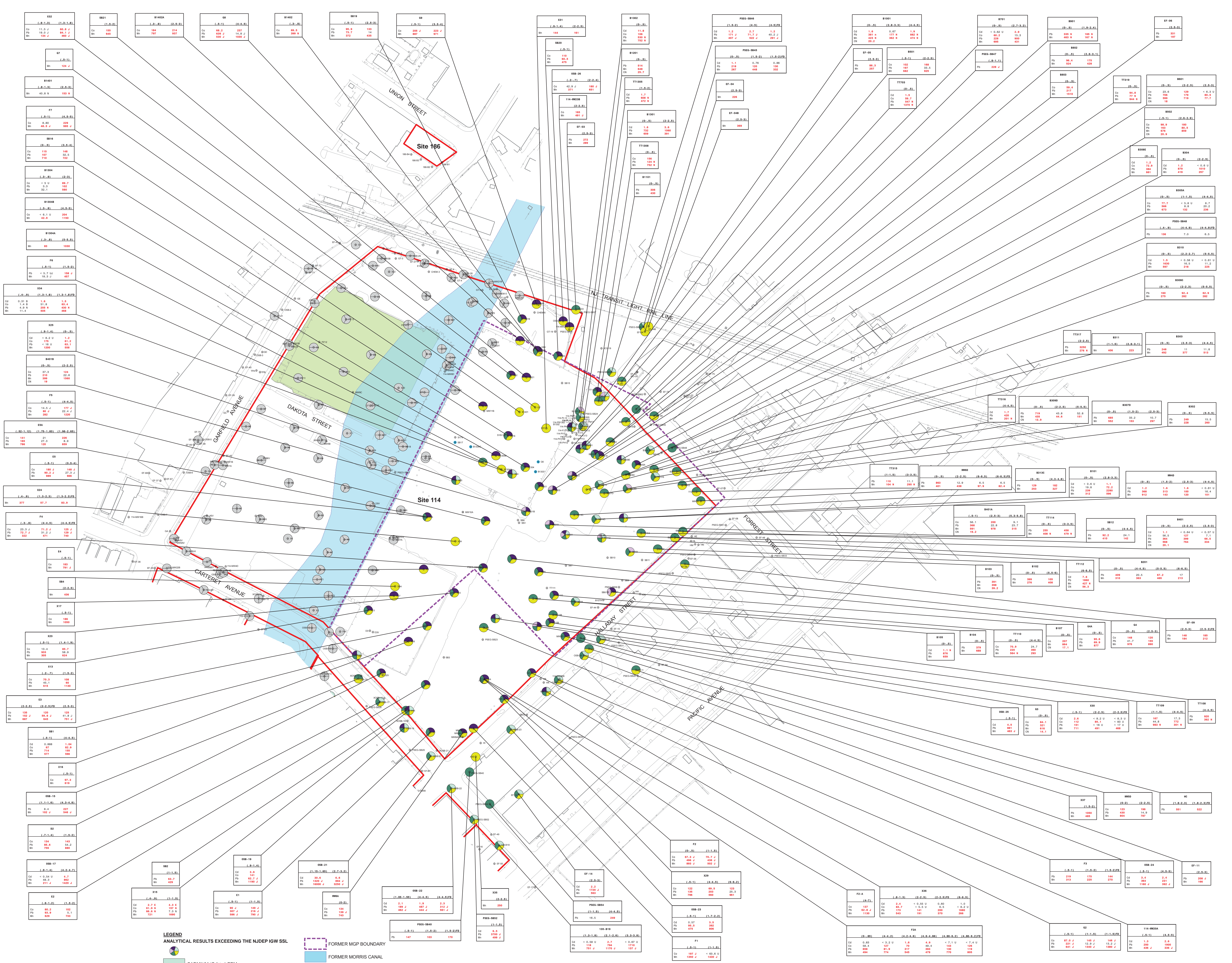


Non-Exceedance Location Sample	Co	Cd	Cy	Pb	Mn
001	11.6 J	60.2 J	11.0 J	18.2 J	485 J
002	11.6 J	60.2 J	11.0 J	18.2 J	485 J
003	11.6 J	60.2 J	11.0 J	18.2 J	485 J
004	11.6 J	60.2 J	11.0 J	18.2 J	485 J
005	11.6 J	60.2 J	11.0 J	18.2 J	485 J
006	11.6 J	60.2 J	11.0 J	18.2 J	485 J
007	11.6 J	60.2 J	11.0 J	18.2 J	485 J
008	11.6 J	60.2 J	11.0 J	18.2 J	485 J
009	11.6 J	60.2 J	11.0 J	18.2 J	485 J
010	11.6 J	60.2 J	11.0 J	18.2 J	485 J
011	11.6 J	60.2 J	11.0 J	18.2 J	485 J
012	11.6 J	60.2 J	11.0 J	18.2 J	485 J
013	11.6 J	60.2 J	11.0 J	18.2 J	485 J
014	11.6 J	60.2 J	11.0 J	18.2 J	485 J
015	11.6 J	60.2 J	11.0 J	18.2 J	485 J
016	11.6 J	60.2 J	11.0 J	18.2 J	485 J
017	11.6 J	60.2 J	11.0 J	18.2 J	485 J
018	11.6 J	60.2 J	11.0 J	18.2 J	485 J
019	11.6 J	60.2 J	11.0 J	18.2 J	485 J
020	11.6 J	60.2 J	11.0 J	18.2 J	485 J
021	11.6 J	60.2 J	11.0 J	18.2 J	485 J
022	11.6 J	60.2 J	11.0 J	18.2 J	485 J
023	11.6 J	60.2 J	11.0 J	18.2 J	485 J
024	11.6 J	60.2 J	11.0 J	18.2 J	485 J
025	11.6 J	60.2 J	11.0 J	18.2 J	485 J
026	11.6 J	60.2 J	11.0 J	18.2 J	485 J
027	11.6 J	60.2 J	11.0 J	18.2 J	485 J
028	11.6 J	60.2 J	11.0 J	18.2 J	485 J
029	11.6 J	60.2 J	11.0 J	18.2 J	485 J
030	11.6 J	60.2 J	11.0 J	18.2 J	485 J
031	11.6 J	60.2 J	11.0 J	18.2 J	485 J
032	11.6 J	60.2 J	11.0 J	18.2 J	485 J
033	11.6 J	60.2 J	11.0 J	18.2 J	485 J
034	11.6 J	60.2 J	11.0 J	18.2 J	485 J
035	11.6 J	60.2 J	11.0 J	18.2 J	485 J
036	11.6 J	60.2 J	11.0 J	18.2 J	485 J
037	11.6 J	60.2 J	11.0 J	18.2 J	485 J
038	11.6 J	60.2 J	11.0 J	18.2 J	485 J
039	11.6 J	60.2 J	11.0 J	18.2 J	485 J
040	11.6 J	60.2 J	11.0 J	18.2 J	485 J
041	11.6 J	60.2 J	11.0 J	18.2 J	485 J
042	11.6 J	60.2 J	11.0 J	18.2 J	485 J
043	11.6 J	60.2 J	11.0 J	18.2 J	485 J
044	11.6 J	60.2 J	11.0 J	18.2 J	485 J
045	11.6 J	60.2 J	11.0 J	18.2 J	485 J
046	11.6 J	60.2 J	11.0 J	18.2 J	485 J
047	11.6 J	60.2 J	11.0 J	18.2 J	485 J
048	11.6 J	60.2 J	11.0 J	18.2 J	485 J
049	11.6 J	60.2 J	11.0 J	18.2 J	485 J
050	11.6 J	60.2 J	11.0 J	18.2 J	485 J
051	11.6 J	60.2 J	11.0 J	18.2 J	485 J
052	11.6 J	60.2 J	11.0 J	18.2 J	485 J
053	11.6 J	60.2 J	11.0 J	18.2 J	485 J
054	11.6 J	60.2 J	11.0 J	18.2 J	485 J
055	11.6 J	60.2 J	11.0 J	18.2 J	485 J
056	11.6 J	60.2 J	11.0 J	18.2 J	485 J
057	11.6 J	60.2 J	11.0 J	18.2 J	485 J
058	11.6 J	60.2 J	11.0 J	18.2 J	485 J
059	11.6 J	60.2 J	11.0 J	18.2 J	485 J
060	11.6 J	60.2 J	11.0 J	18.2 J	485 J
061	11.6 J	60.2 J	11.0 J	18.2 J	485 J
062	11.6 J	60.2 J	11.0 J	18.2 J	485 J
063	11.6 J	60.2 J	11.0 J	18.2 J	485 J
064	11.6 J	60.2 J	11.0 J	18.2 J	485 J
065	11.6 J	60.2 J	11.0 J	18.2 J	485 J
066	11.6 J	60.2 J	11.0 J	18.2 J	485 J
067	11.6 J	60.2 J	11.0 J	18.2 J	485 J
068	11.6 J	60.2 J	11.0 J	18.2 J	485 J
069	11.6 J	60.2 J	11.0 J	18.2 J	485 J
070	11.6 J	60.2 J	11.0 J	18.2 J	485 J
071	11.6 J	60.2 J	11.0 J	18.2 J	485 J
072	11.6 J	60.2 J	11.0 J	18.2 J	485 J
073	11.6 J	60.2 J	11.0 J	18.2 J	485 J
074	11.6 J	60.2 J	11.0 J	18.2 J	485 J
075	11.6 J	60.2 J	11.0 J	18.2 J	485 J
076	11.6 J	60.2 J	11.0 J	18.2 J	485 J
077	11.6 J	60.2 J	11.0 J	18.2 J	485 J
078	11.6 J	60.2 J	11.0 J	18.2 J	485 J
079	11.6 J	60.2 J	11.0 J	18.2 J	485 J
080	11.6 J	60.2 J	11.0 J	18.2 J	485 J
081	11.6 J	60.2 J	11.0 J	18.2 J	485 J
082	11.6 J	60.2 J	11.0 J	18.2 J	485 J
083	11.6 J	60.2 J	11.0 J	18.2 J	485 J
084	11.6 J	60.2 J	11.0 J	18.2 J	485 J
085	11.6 J	60.2 J	11.0 J	18.2 J	485 J
086	11.6 J	60.2 J	11.0 J	18.2 J	485 J
087	11.6 J	60.2 J	11.0 J	18.2 J	485 J
088	11.6 J	60.2 J	11.0 J	18.2 J	485 J
089	11.6 J	60.2 J	11.0 J	18.2 J	485 J
090	11.6 J	60.2 J	11.0 J	18.2 J	485 J
091	11.6 J	60.2 J	11.0 J	18.2 J	485 J
092	11.6 J	60.2 J	11.0 J	18.2 J	485 J
093	11.6 J	60.2 J	11.0 J	18.2 J	485 J
094	11.6 J	60.2 J	11.0 J	18.2 J	485 J
095	11.6 J	60.2 J	11.0 J	18.2 J	485 J
096	11.6 J	60.2 J	11.0 J	18.2 J	485 J
097	11.6 J	60.2 J	11.0 J	18.2 J	485 J
098	11.6 J	60.2 J	11.0 J	18.2 J	485 J
099	11.6 J	60.2 J	11.0 J	18.2 J	485 J
100	11.6 J	60.2 J	11.0 J	18.2 J	485 J



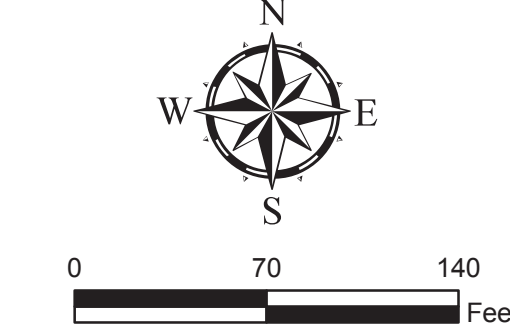
**LEGEND**  
ANALYTICAL RESULTS EXCEEDING THE NJDEP IGW SSL

- CADMIUM (Cd) ≥ 1 PPM
- COBALT (Co) ≥ 59 PPM
- CYANIDE (CN) ≥ 13 PPM
- LEAD (Pb) ≥ 59 PPM
- MANGANESE (Mn) ≥ 42 PPM
- NO OTHER METALS EXCEEDANCE AT THIS LOCATION

FORMER MGP BOUNDARY  
FORMER MORRIS CANAL  
EXCAVATION BOUNDARY

SAMPLE LOCATION  
(DEPTH IN FEET)

ANALYTE NAME	RESULTS (ppm)
Co	11.6 J
Cd	60.2 J
Cy	11.0 J
Pb	18.2 J
Mn	485 J



- NOTES:**
- HORIZONTAL DATUM - NAD 1983
  - VERTICAL DATUM - NAVD 1988
  - DATA ARE COMPARED TO THE DEFAULT NJDEP IMPACT TO GROUNDWATER SOIL SCREENING LEVELS (IGW SSL), DECEMBER 2005
  - DATA FOR LOCATIONS WEST AND SOUTH ARE PRESENTED ON SEPARATE MAPS.
  - DATA FOR GROUP 1 AND GROUP 2 OTHER METALS ARE PRESENTED ON SEPARATE MAPS
  - RED FONT INDICATES AN EXCEEDANCE OF THE NJDEP IGW SSL
  - 'J' INDICATES FIELD DUPLICATE.
  - FORMER MORRIS CANAL LIMITS ARE BASED ON ORIGINAL SURVEYS AND MAPPING BY J.R. BIEN AND C.L. VERHEULE, 1991.
  - BLANKS INDICATE DATA NOT ANALYZED.

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REMEDIAL INVESTIGATION REPORT  
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60154801

**FIGURE 5-19**  
SOIL COMPARISON TO NJDEP IGW SSL -  
NORTHEAST GARFIELD AVENUE SITES  
GROUP 2 OTHER METALS AND CYANIDE (ppm)

