EPA Region 5 Records Ctr.
313381

Illinois EPA September 2008

XRF Sampling Data For The

Eagle Zinc Site

Hillsboro, Illinois

EAGLE ZINC FACILITY HILLSBORO

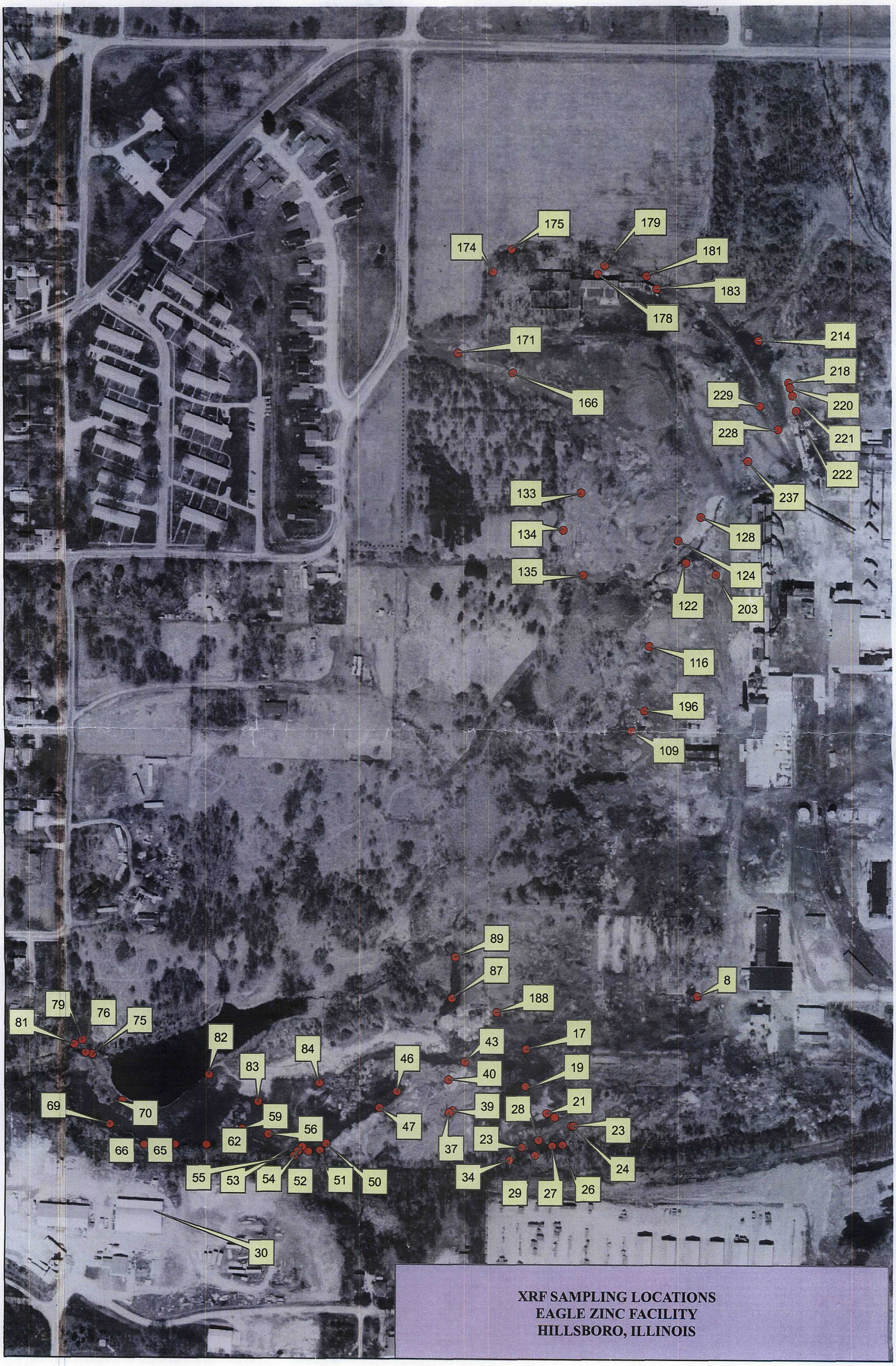
XRF DATA COLLECTION SUMMARY

Reading No	Units	Lead	Zinc	Copper
82	ppm	6533	70641	1771
83	ppm	6197	32397	1396
84	ppm	5677	23754	1040
87	ppm	4656	74414	1989
89	ppm	4378	48673	1835
109	ppm	4404	151858	74465
116	ppm	4615	318832	43870
117	ppm	8049	645075	34321
122	ppm	6686	769768	19742
124	ppm	8414	891332	32402
126	ppm	3874	552285	7734
133	ppm	4508	317201	10140
134	ppm	7800	328902	13241
135	ppm	4877	114367	4121
166	ppm	8547	655028	20839
167	ppm	7937	555571	19551
168	ppm	5257	446681	11616
171	ppm	14580	929412	29685
174	ppm	5799	172104	6896
175	ppm	4683	196493	12804
178	ppm	53843	305600	4624
179	ppm	53975	143058	3480
181	ppm	10766	51780	458
183	ppm	7822	662377	18733
188	ppm	5299	153991	2196
191	ppm	5052	38072	1119
196	ppm	12487	303949	81012
203	ppm	2926	424057	2647
214	ppm	13146	773706	46500
218	ppm	8566	868258	42909
220	ppm	9393	693801	31365
222	ppm	10261	889770	22677
223	ppm	9151	942847	17571
228	ppm	4608	150193	2311
229	ppm	4075	141933	1691
237	ppm	5031	457635	14145

EAGLE ZINC FACILITY HILLSBORO

XRF DATA COLLECTION SUMMARY

Reading No	Units	Lead	Zinc	Copper
8	ppm	4457	188535	1488
17	ppm	2302	111829	1844
19	ppm	29302	41174	4460
21	ppm	3150	23314	1969
22	ppm	4951	26289	1091
23	ppm	3163	24964	1595
24	ppm	3501	30253	631
26	ppm	6618	36834	1430
27	ppm	8073	23388	1192
28	ppm	10972	51223	2607
29	ppm	3993	26278	1310
32	ppm	5535	36800	944
34	ppm	5086	8392	634
37	ppm	25505	21865	2639
38	ppm	14470	16807	1306
39	ppm	30416	22445	3330
40	ppm	11670	515293	22864
41	ppm	8863	565636	21734
42	ppm	7997	1347588	149999
43	ppm	10422	80527	2188
46	ppm	4016	73214	1353
47	ppm	6690	46323	2006
49	ppm	4037	19068	611
50	ppm	5104	11384	636
51	ppm	5057	20480	667
52	ppm	6960	17229	852
53	ppm	7955	42425	1128
54	ppm	5773	24471	1138
55	ppm	5506	39222	1180
56	ppm	9968	66651	2687
57	ppm	5339	77186	4718
59	ppm	2869	19074	457
62	ppm	3927	12212	956
65	ppm	8614	23360	949
66	ppm	3934	38846	1575
69	ppm	4374	28942	1362
70	ppm	4229	27712	1018
75	ppm	4163	41572	906



XRF SAMPLING LOCATIONS
EAGLE ZINC FACILITY
HILLSBORO, ILLINOIS

Figure 2
Eagle Zinc Company
2008 XRF Location Map
from Inside Structures

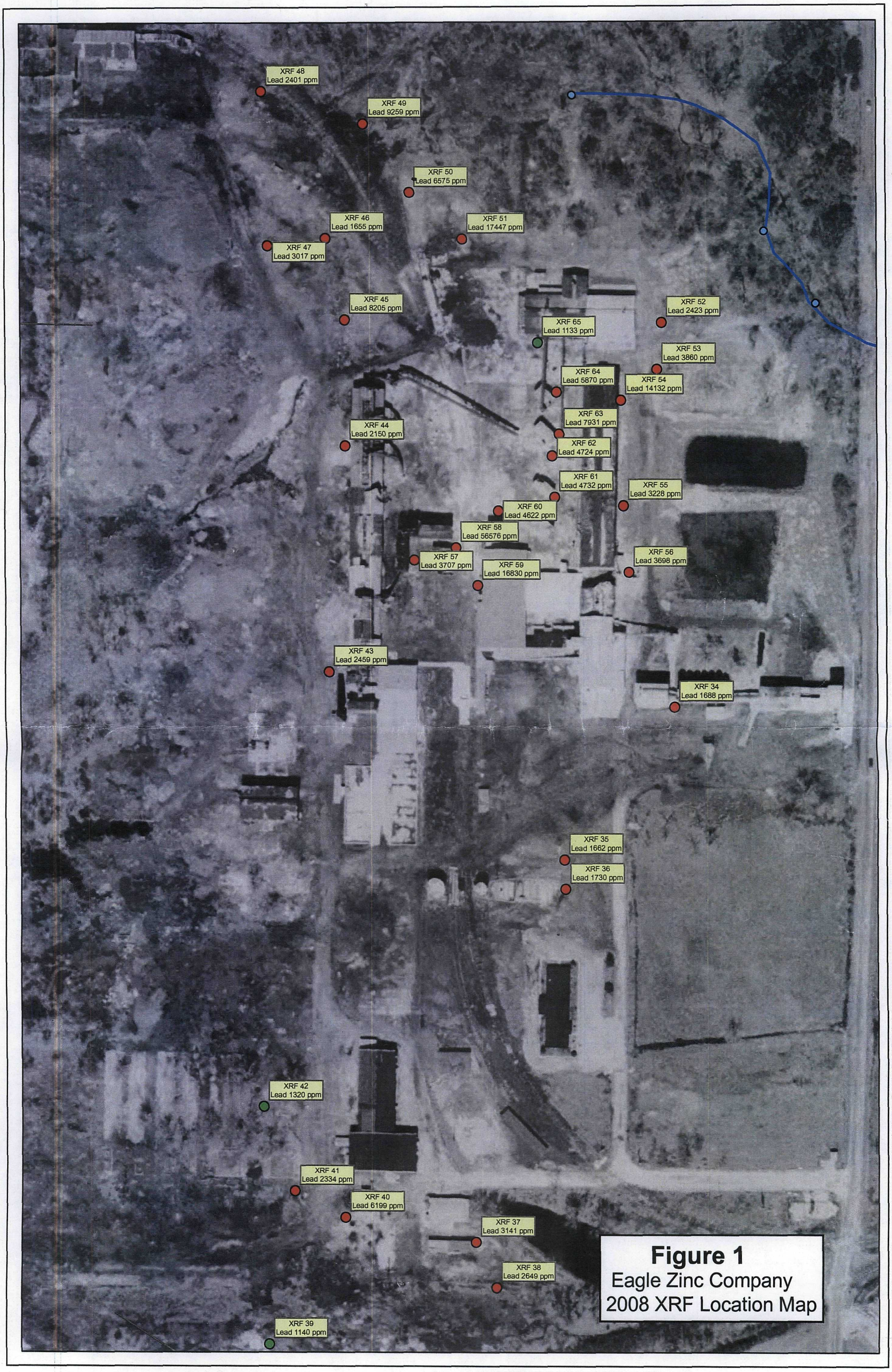


Figure 1
Eagle Zinc Company
2008 XRF Location Map

0 12.525 50 75 100
Meters

Source: Illinois Department of Natural Resources
Geospatial Data Clearinghouse:
Digital Orthographic Quadrangles, 1999, accessed 2005

Legend

- XRF Location with Lead concentrations < 1,500 ppm
- XRF Location with Lead concentrations > 1,500 ppm (May fail TCLP for Lead)

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