



STATE OF MISSISSIPPI
DAVID RONALD MUSGROVE, GOVERNOR
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
CHARLES H. CHISOLM, EXECUTIVE DIRECTOR

May 8, 2002

FILE COPY

Honorable Mayor Walter J. Rielley, III
Mayor of Crystal Springs
P. O. Box 473
Crystal Springs, MS 39059

RE: McPherson Street Ball Field
Crystal Springs, MS

Dear Mayor Rielley:

The Mississippi Department of Environmental Quality (MDEQ) has received the analytical results for the soil samples collected at the McPherson Street Ball Field on February 21, 2002. Please find enclosed a copy of the analytical results, a memo to the file summarizing the sampling event, and drawings showing the sampling locations.

Please call me at 601-961-5318, if you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Tony Russell".

Tony Russell, Chief
Uncontrolled Sites Branch

Enclosure

C:\My Documents\Kuhlman Electric\Kuhlman trans data on ballfield to mayor 5-7-02.doc



STATE OF MISSISSIPPI
DAVID RONALD MUSGROVE, GOVERNOR
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
CHARLES H. CHISOLM, EXECUTIVE DIRECTOR

MEMORANDUM

TO: Kuhlman Electric Site File
FROM: Tony Russell *YMK*
DATE: March 1, 2002
SUBJECT: McPherson Ballfield Sampling Event conducted 2/21/02

A soil sampling event was conducted on Thursday, February 21, 2002, at the McPherson Ballfield located off McPherson Drive in Crystal Springs, MS. The sampling team consisted of myself, Enrique Bustillos and Willie McKercher. A sampling grid was laid out according to the grid recently established by MDEQ staff that conducted a geophysical survey of the area. The sampling points were set up on 100 foot spacing. All the surficial soil samples were collected within 4 inches of the surface except for sample #18 which was limited to the upper two inches due to encountering concrete. The samples were collected using a stainless steel spoon. The vegetation was removed with the spoon prior to collecting the sample. The samples were transferred directly into the eight ounce amber glass containers using care not to introduce any vegetation or rocks. A total of 30 surficial soil samples were collected from the area and will be analyzed for PCBs.

Four hand augered borings were conducted in areas that showed anomalies during the geophysical survey. The boring at grid point 1210, 1020 encountered burnt wood fragments at approximately 18 to 24 inches bgs. Native sand and gravel was encountered at approximately 30 inches and continued to total depth of the boring at four feet. No soil sample was collected from this boring.

The boring at grid point 1310, 1050 encountered black stains in soil from 1 to 3 foot bgs. Native sand and gravel was encountered below 3 foot and continued to total depth of the boring at four feet. Sample #31 was collected from the 1 to 3 foot interval and will be analyzed for PCBs. Pieces of glass and a fiber like material was observed in the soil removed from the boring.

The boring at grid point 1320, 1150 encountered concrete at 12 inches bgs. Pieces of glass were also observed in the soil removed from the boring. No soil sample was collected.

The boring at grid point 1390, 1000 encountered concrete at 15 inches bgs. No soil sample was collected.

Attached are drawings showing the location of the sample points and a table of the sampling location grid points. No household garbage was observed in any of the hand-augered borings.

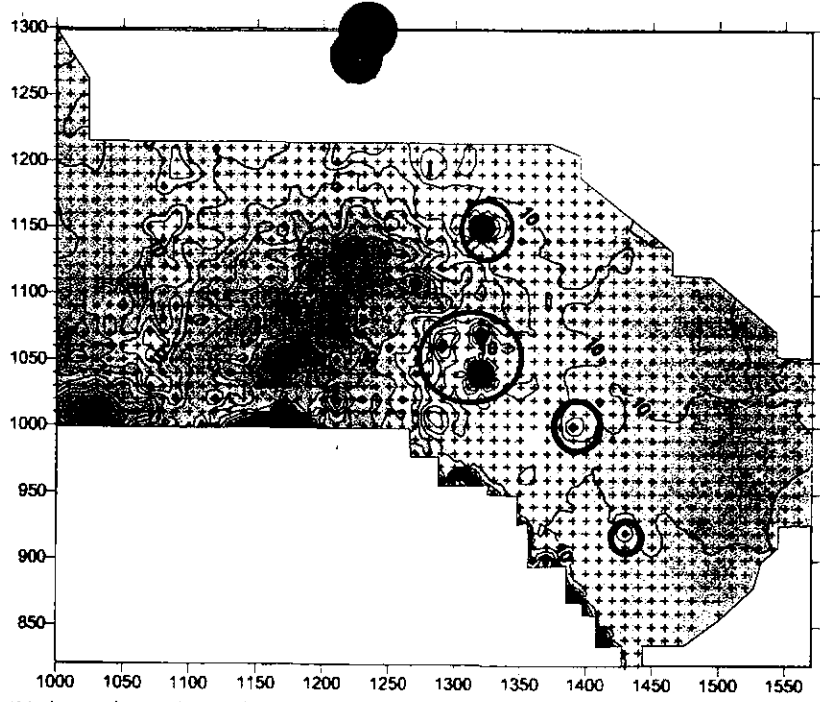
**McPherson Ballfield Soil Sampling Locations
Crystal Springs, MS**

Inner Grid Sampling Locations

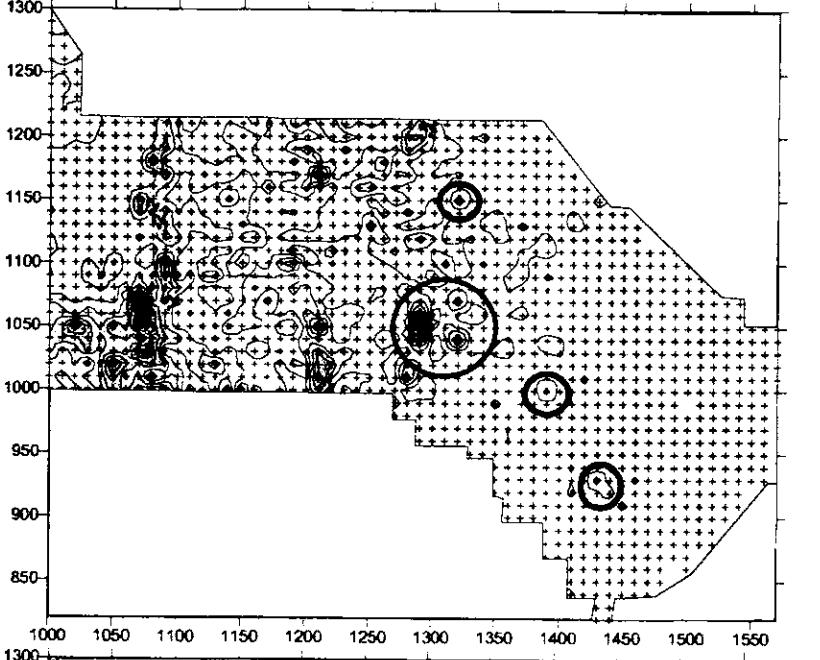
Sample Number	Sample Depth (inches)	Grid Point Location
1	0 to 4	1000 : 1000
2	0 to 4	1000 : 1100
3	0 to 4	1000 : 1200
4	0 to 4	1100 : 1000
5	0 to 4	1100 : 1100
6	0 to 4	1100 : 1200
7	0 to 4	1200 : 1000
8	0 to 4	1200 : 1100
9	0 to 4	1200 : 1200
30	0 to 4	900 : 1100

Outer Grid Sampling Locations

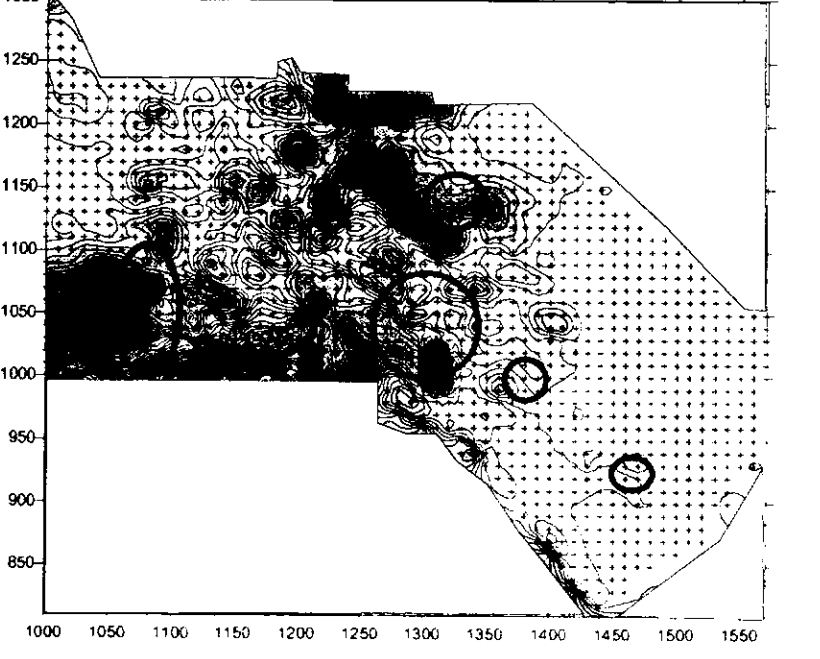
Sample Number	Sample Depth (inches)	Grid Point Location
10	0 to 4	1000 : 1000
11	0 to 4	1000 : 1100
12	0 to 4	1000 : 1170
13	0 to 4	1000 : 1300
14	0 to 4	1100 : 1000
15	0 to 4	1100 : 1100
16	0 to 4	1100 : 1200
17	0 to 4	1200 : 1000
18	0 to 2	1200 : 1100
19	0 to 4	1200 : 1200
20	0 to 4	1300 : 1000
21	0 to 4	1300 : 1100
22	0 to 4	1300 : 1200
23	0 to 4	1400 : 900
24	0 to 4	1400 : 1000
25	0 to 4	1400 : 1100
26	0 to 4	1500 : 900
27	0 to 4	1500 : 1000
28	0 to 4	900 : 1200
29	0 to 4	900 : 1300
31	12 to 36	1310 : 1050



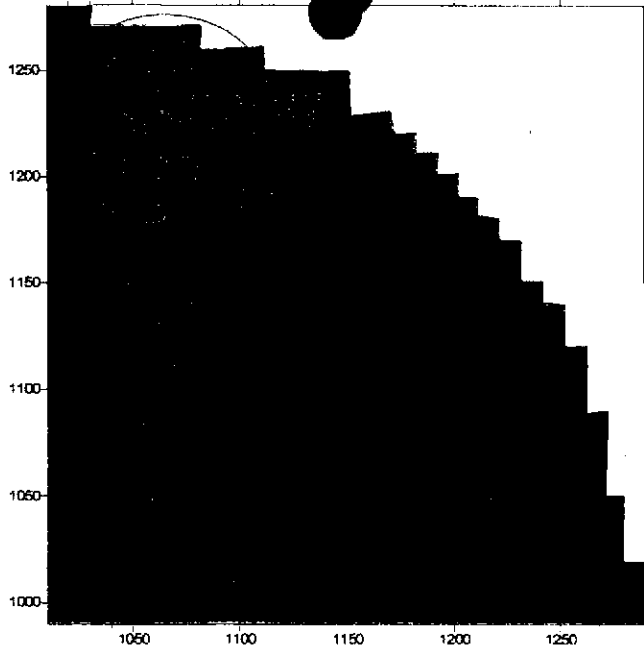
Inductivity Survey



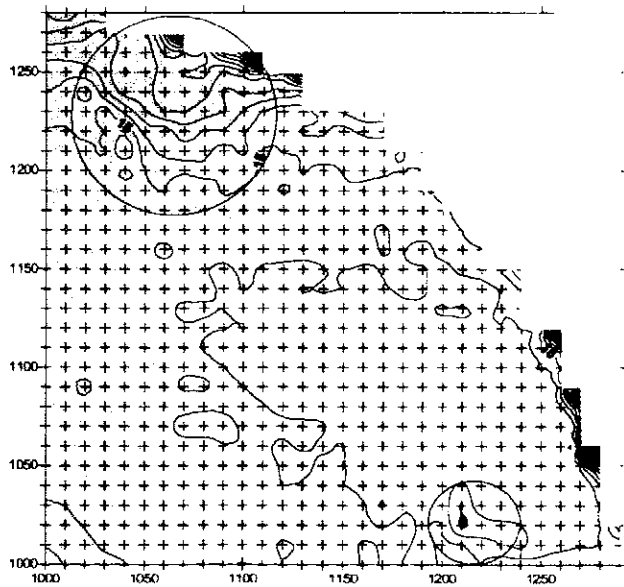
Inphase results



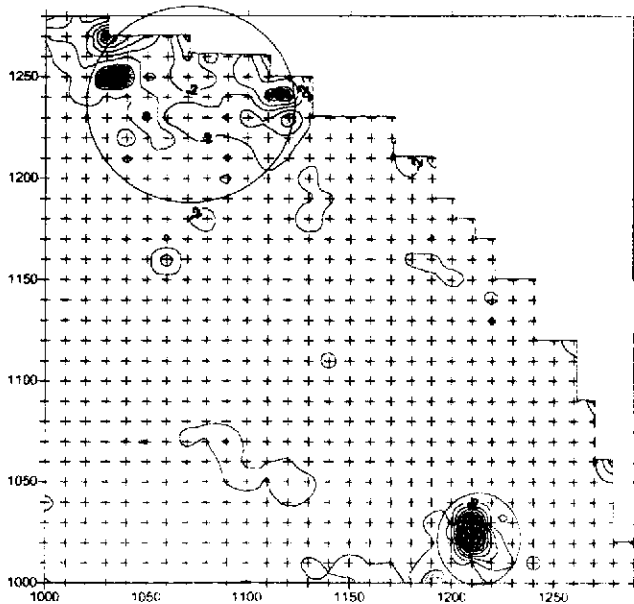
Magnetometer results



Total magnetic field contour map

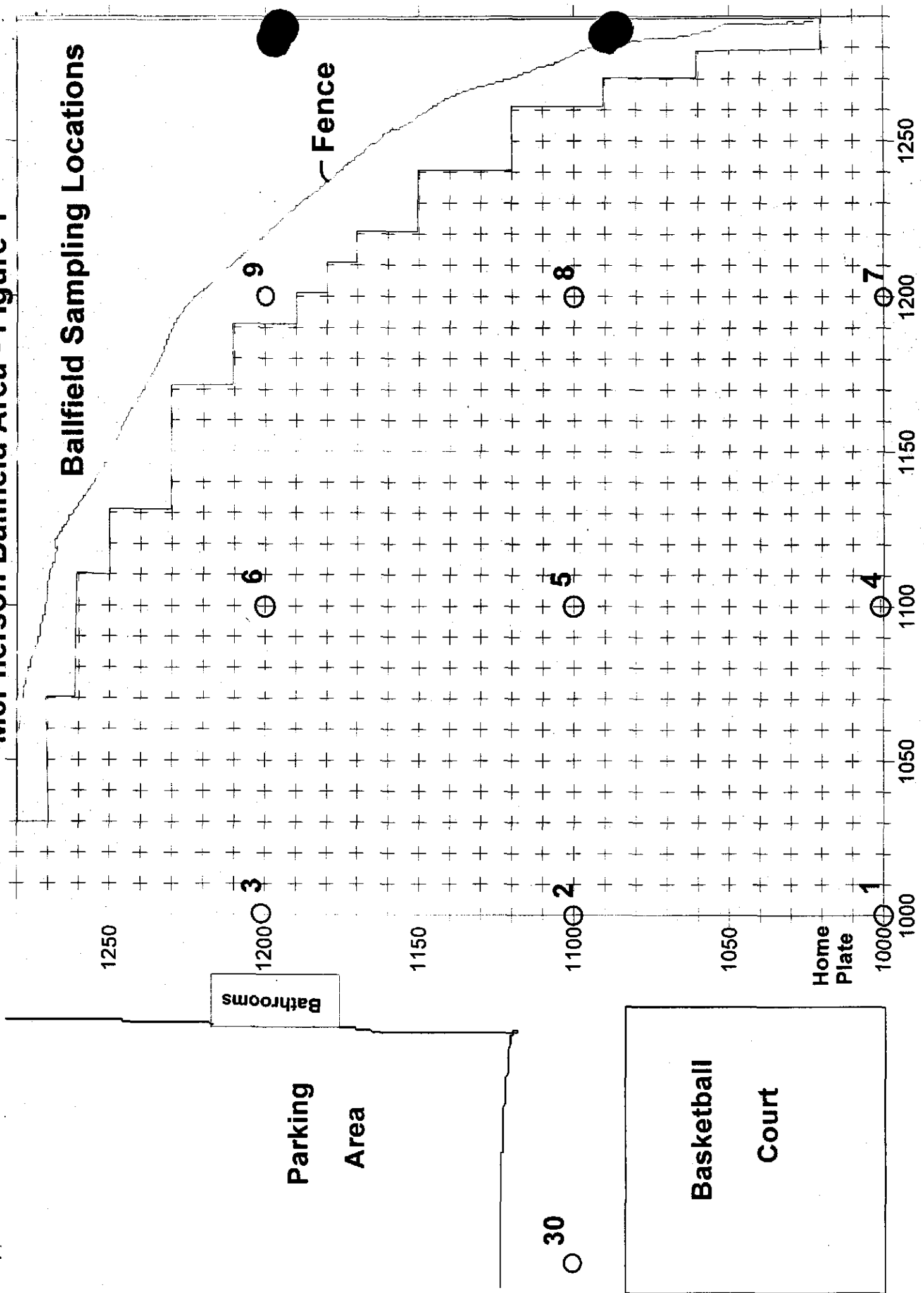


Terrain conductivity contour

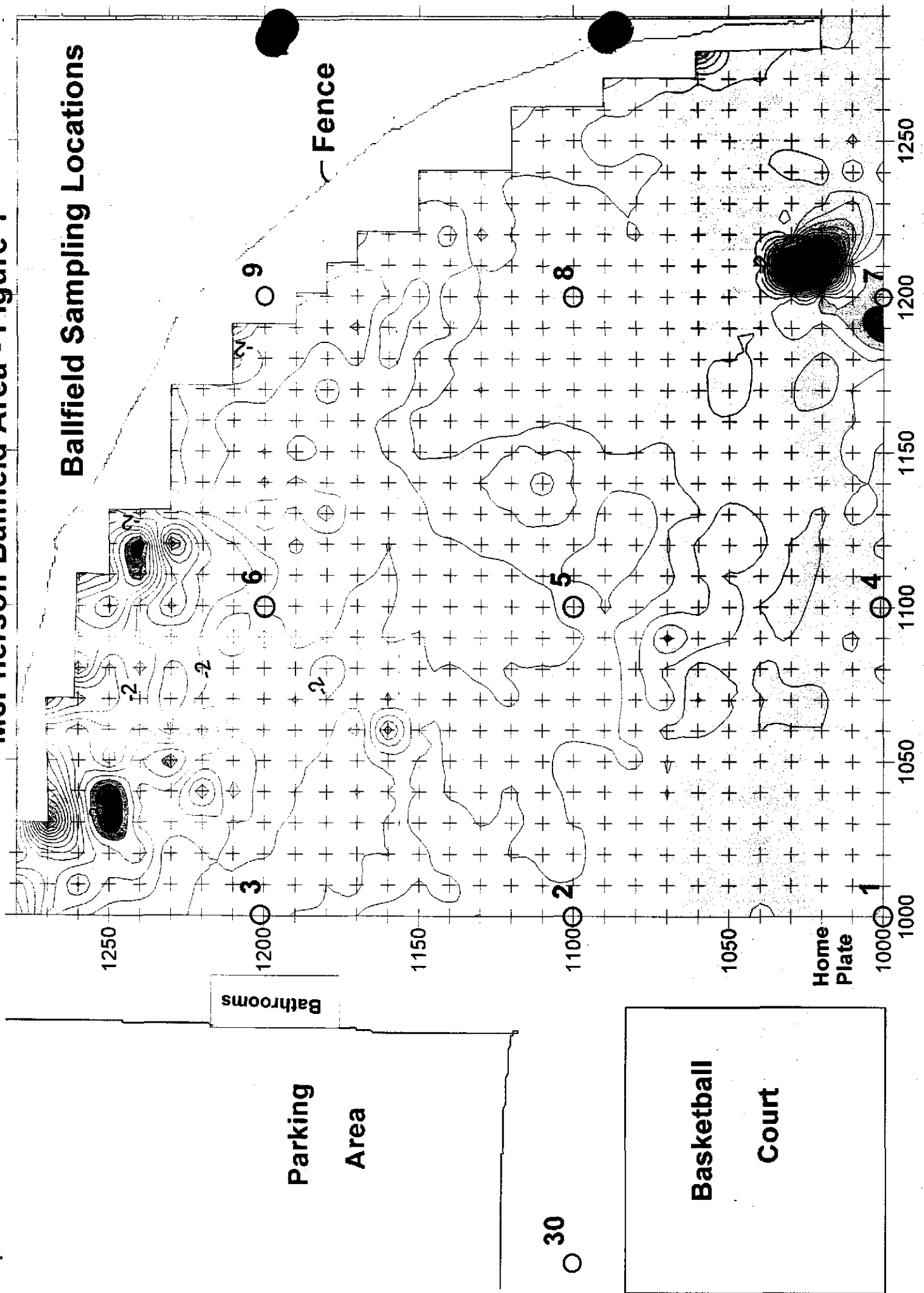


Inphase response contour.

McPherson Ballfield Area - Figure 1



McPherson Ballfield Area - Figure 1



Ballfield Sampling Locations

Parking Area

Bathrooms

30

Basketball Court

Home Plate

Fence

9

8

6

5

2

2

2

1

1250

1200

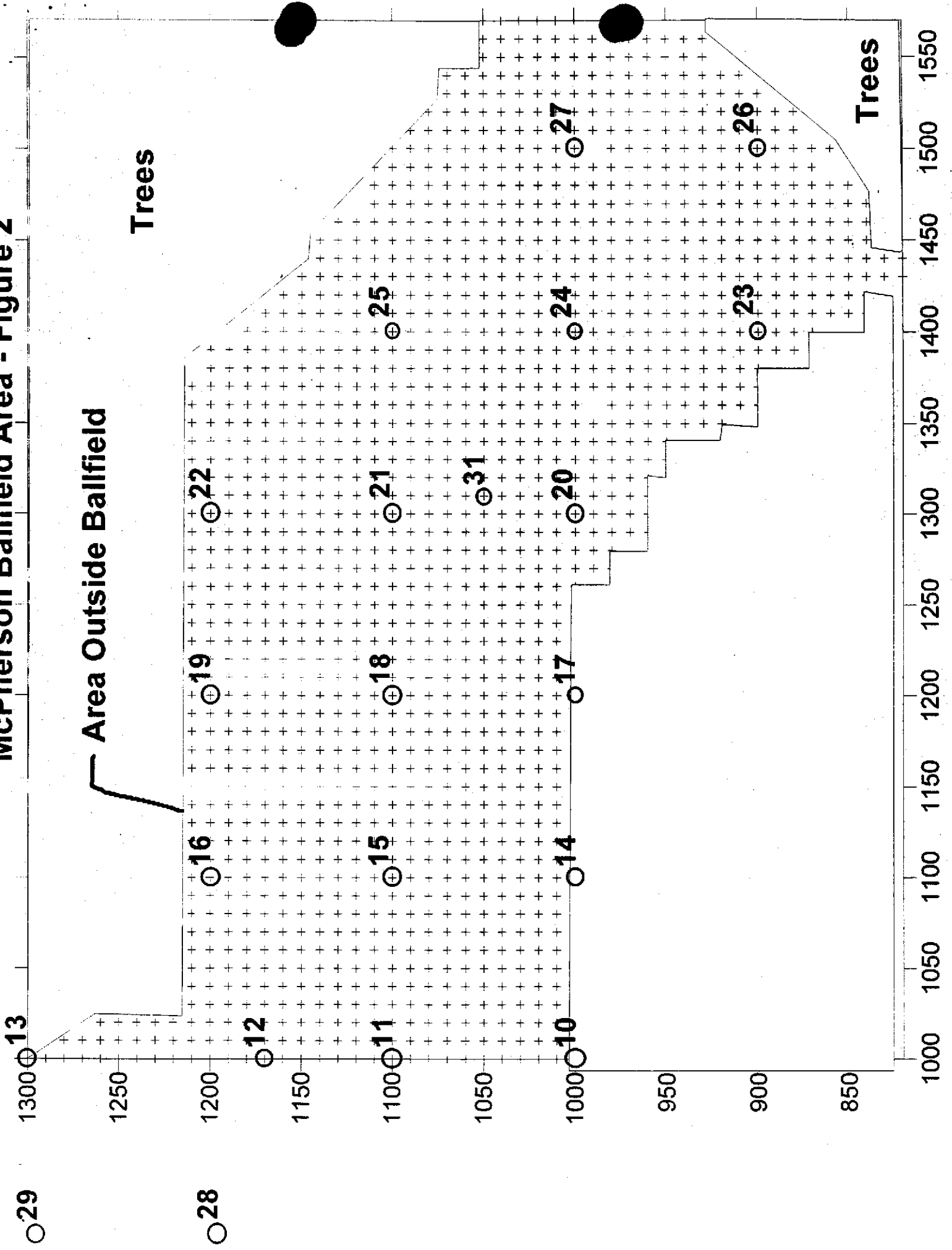
1150

1100

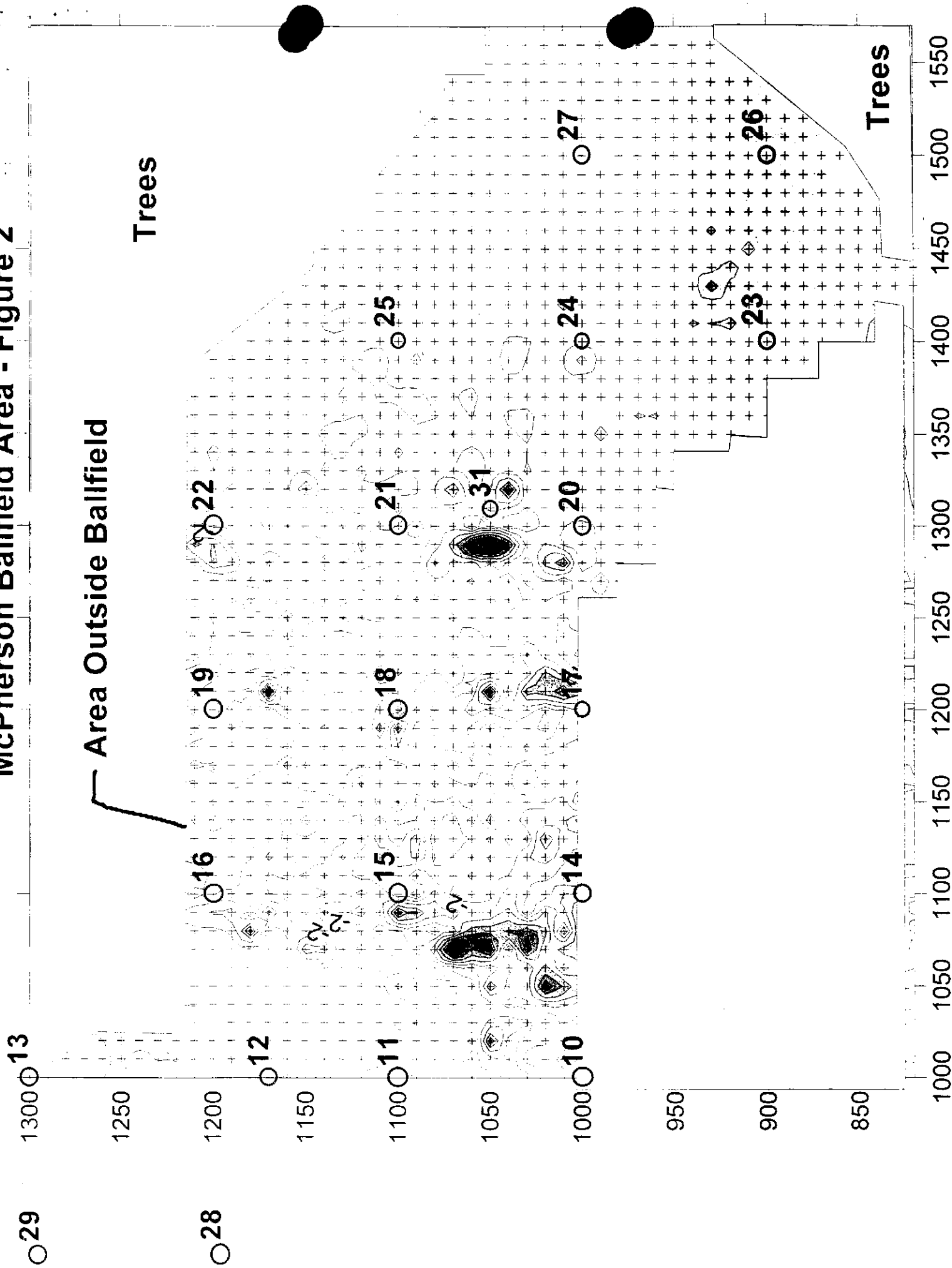
1050

1000

McPherson Ballfield Area - Figure 2

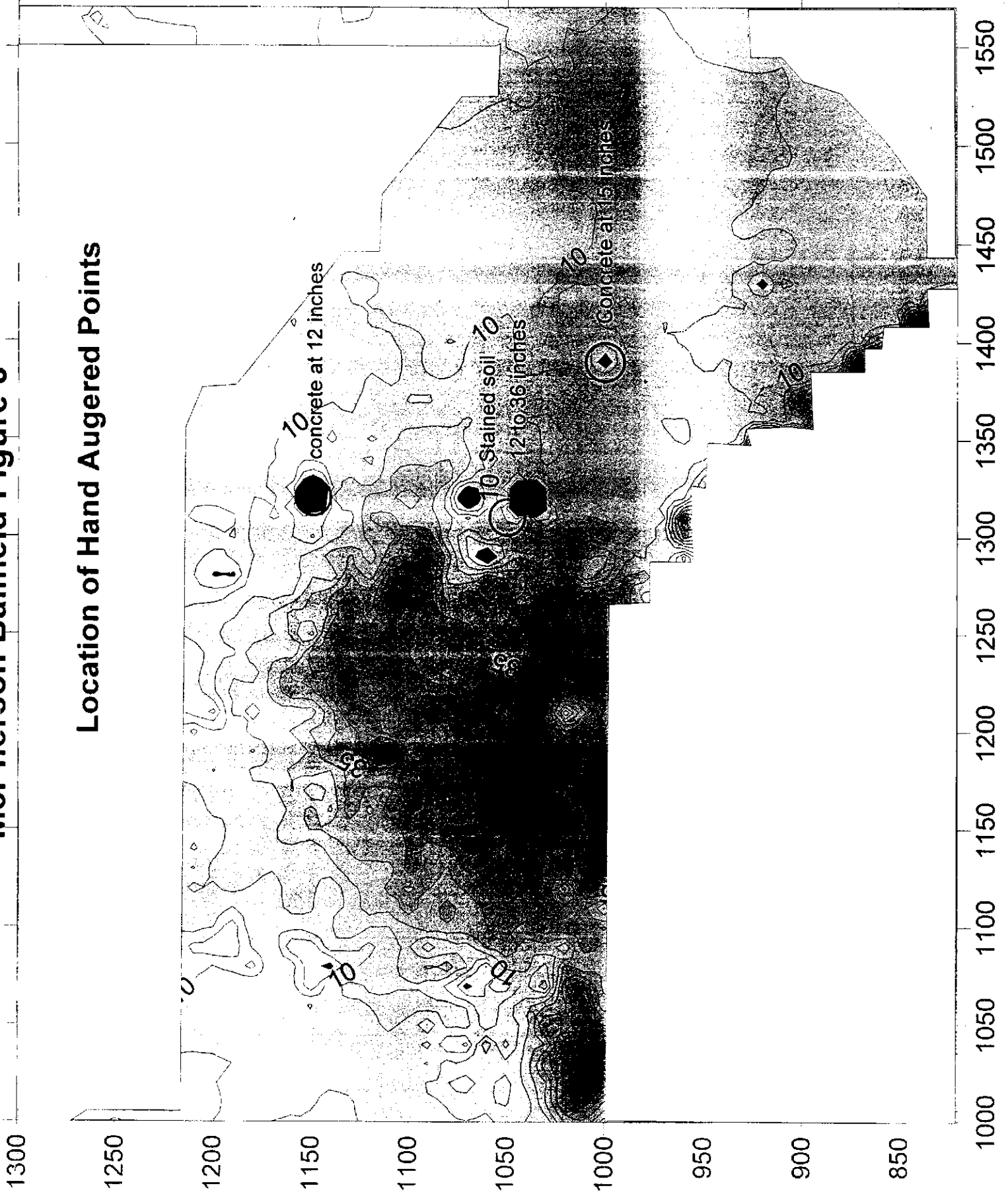


McPherson Ballfield Area - Figure 2

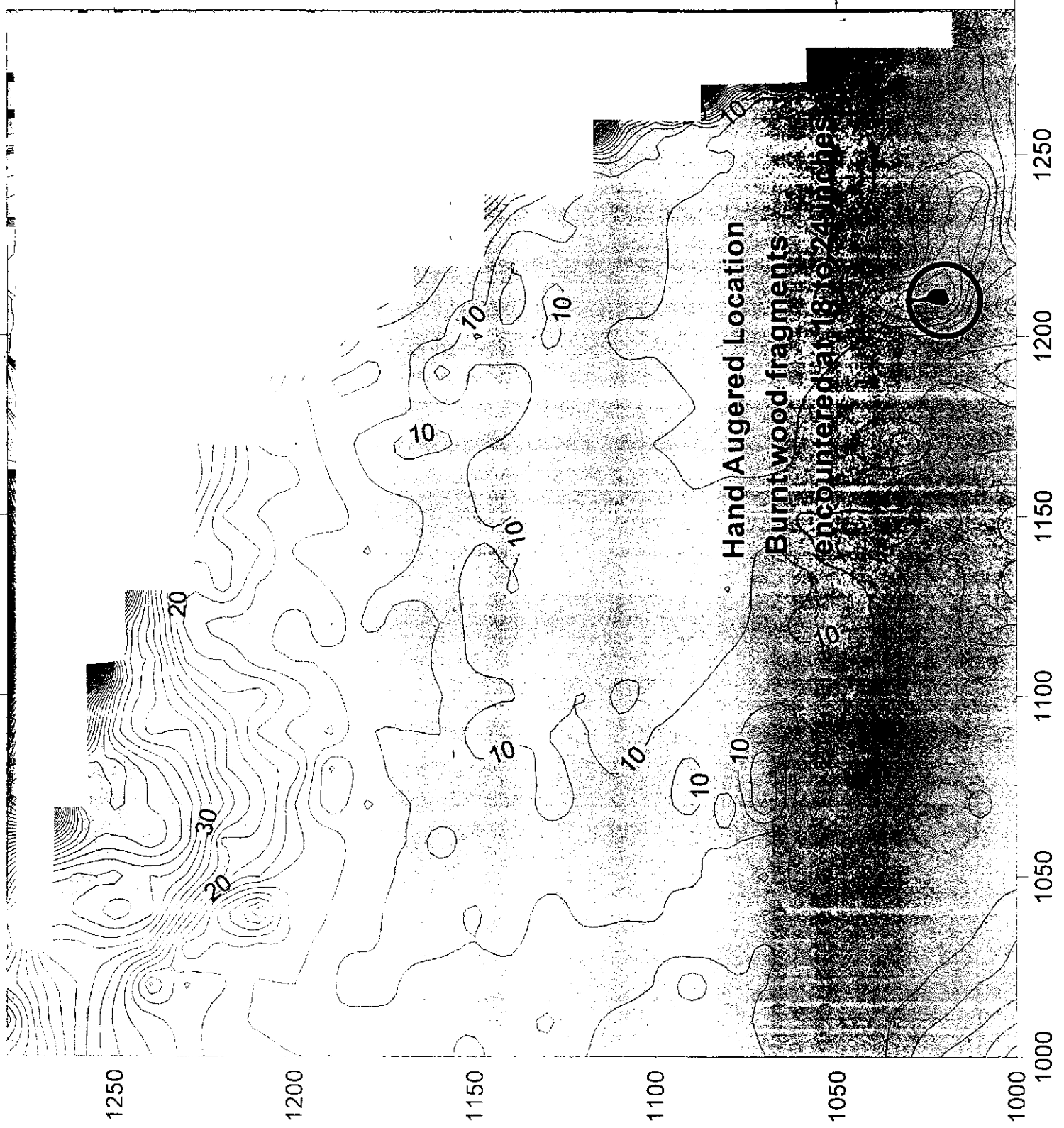


McPherson Ballfield Figure 3

Location of Hand Augered Points



McPherson Ballfield Figure 4





STATE OF MISSISSIPPI
DAVID RONALD MUSGROVE, GOVERNOR
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
CHARLES H. CHISOLM, EXECUTIVE DIRECTOR

January 22, 2002

FILE COPY

Honorable Mayor Walter J. Rielley, III
Mayor of Crystal Springs
P. O. Box 473
Crystal Springs, MS 39059

RE: McPherson Ball Field
Crystal Springs, MS

Dear Mayor Rielley:

The Mississippi Department of Environmental Quality (MDEQ) will be conducting a geophysical survey of the open area in and around the McPherson Ball Field. MDEQ tentatively has scheduled the survey for the week of February 4, 2002. If the date changes, MDEQ will notify you.

Once all the data from the survey has been analyzed, MDEQ will determine whether an intrusive investigation will be conducted. MDEQ also will collect surficial soil samples at selected locations and analyze the samples for polychlorinated biphenyls (PCBs).

If you have any questions, call me at 601-961-5318.

Sincerely,

Tony Russell, Chief
Uncontrolled Sites Branch

cc: Richard Harrell MDEO
Kelli Dowell, Esq. MDEO
Paul Acheson Kuhlman Electric
Anastasia Hamel BorgWarner



FILE COPY

STATE OF MISSISSIPPI
DAVID RONALD MUSGROVE, GOVERNOR
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY
CHARLES H. CHISOLM, EXECUTIVE DIRECTOR

MEMORANDUM

To: Kuhlman Electric Corp. File
Crystal Springs, Copiah County, MS

From: Gretchen Zmitrovich *GZ*

Date: September 1, 2000

Subject: soil and wipe sampling

On August 31, 2000, I met Tim Fitzpatrick of Ogden at the home of Dave Vinson on N. Jackson Street in Crystal Springs. Mr. Fitzpatrick collected surficial soil samples where he had previously collected samples at 6 inches. I collected a split sample of DP324-0.1. This sample was later delivered to the OPC lab for PCBs analysis. Mr. Fitzpatrick also collected wipe samples on several surfaces in the backyard of the property. I took photographs during the visit. The photographs are in the file.

Kuhlman-Memo to File-soil sampling at Vinson's_8-31-00 (gz)