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CONTRESSION

ARCHEOLOGICAL FIELD RECONNASSANCE SEQR PARTS 1B & 3

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1995

**CHAPEL FARM II BRONX COUNTY, NEW YORK** 

85-325X

### **PREPARED FOR:**

**MR. ROBERT KAHN KAHN ASSOCIATES** 390 WEST 253rd STREET **BRONX, NEW YORK 10971** 

**PREPARED BY:** 

HARTGEN ARCHEOLOGICAL ASSOCIATES, INC. **27 JORDAN ROAD TROY, NEW YORK 12180** (518) 283-0534

**OCTOBER 1990** 

### PART 1B: REPORT OF FIELD RECONNAISSANCE

Permit Applicant:

Permit No.:

Location:

Report Prepared by: Karen S. Hartgen, SOPA

Affiliation: Hartgen Archeological Associates, Inc. 27 Jordan Road Troy, New York 12180

Date: October 12, 1990

### PART 1: DOCUMENTARY RESEARCH ADDENDUM AND SITE IDENTIFICATION

- A. Documentary Research Addendum (if needed)
  - 1. \_\_\_\_ Local site inventory checked (specify)
  - 2. \_\_\_\_ Informants interviewed (name, address, specialty)
  - 3. \_\_\_\_ Other sources checked (specify)

**Results of Documentary Research** 

- \_\_\_\_ no sites reported
- \_\_\_\_\_ site reported (describe briefly)

#### **B. FIELD INVESTIGATION**

- 1. Methodology
  - a. Description of structure of survey team (number, organization)

The survey team was comprised of Jay W. Bouchard, Andy Krievs, Anne McGuire and Gail Guillet, under the supervision of Karen S. Hartgen. Karen S. Hartgen SOPA, was the principal investigator.

b. Date of survey and description of general surface and subsurface conditions (including season, ground visibility and relative wetness of soil).

The subsurface archeological field investigation was conducted on September 11, 1990. The ground visibility was generally poor due to old leaf cover and undergrowth. The surface soil was dry.

c. Description of general soil characteristics, including texture and depth to sterile soil.

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The soil stratigraphy within the undisturbed sections of the project area consisted of a dark brown silty humus underlain by a dark yellowish brown silty sand, followed by a strong brown silty sand.

d. Outline of field testing strategy, specifying (when used): sampling techniques, surface inspection techniques (transect interval, method of ground examination), subsurface techniques (type, interval and average depth of excavation unit; for screening note size of mesh), remote sensing techniques.

The field testing strategy was comprised of a surface reconnaissance to access existing surface conditions, select locations for archeological testing and identify areas where excessive slope or prior disturbance would obviate the need for subsurface testing.

Shovel tests were placed at 50 ft. intervals or iess. The soils from each shovel test were screened using .25 inch steel mesh. All shovel tests were 40 cm. in diameter and excavated into subsoil ranging from 14 cm. where bedrock was encountered to 75 cm below the surface. The soil from each test was carefully examined for prehistoric and historic cultural material. All recovered artifacts were assigned to the soil stratum from which they were retrieved. The location and stratigraphy of each test was recorded including depth and description of each soil level.

e. Description of intensity of coverage and rationale for excluding areas from survey. Attach a map with location and type of each excavation unit; areas surface inspected. Any areas not surveyed should be clearly delineated.

The project area is located on the Riverdale Ridge, the highest point in the Bronx. The impact area is bounded by Fieldston Road to the east, 253rd Street on the north, Iselin Avenue to the west and 250th to the south (Maps 1 and 2). The elevation of the project area varies from 160 to 285 ft. above sea level.

The subsurface field investigation was concentrated along the flat sections of the project area located at the very top of the hill. Certain sections of the project area located along the top of the hill were excluded from testing due to prior disturbance associated with the construction of 20th century cottages associated with a religious camp known as the Order of the Living Christ. Large sections of the project area along the face of the hill were excluded from subsurface due to excessive slope (Map). Numerous large bedrock outcrops were also visible throughout the project area.

f. Description of problem encountered during survey which may have influenced results.

None

**Results of Field Investigation** 

X site(s) identified

### Describe general nature and distribution of sites

The remains of a mortared stone foundation was identified within the west central section of

### Chapel Farm II

the project area (Photo 1). Large amounts of debris associated with the structure including kitchen appliances, a hot water heater, electrical wires, asphalt roofing shingles, glass and burned brick were observed throughout the area. The structure appears associated with an F. Goodridge shown on the 1873 Potter Bros. Map of the Northern Portion of New York City. Some testing was attempted adjacent to the foundation, but a stone patio was encountered directly the humus level on all sides of the foundation within the level areas.

Surface remains of a few early 20th century cottages associated with the Order of the Living Christ religious retreat were observed within the limits of the project area (Photos 2 and 3). Large amounts of wood, asphalt roofing shingles, plumbing fixtures and electrical wire were observed scattered along the surface. No additional investigation is recommended for these structures since NYCLPC has indicated they do not appear eligible for listing on the National Register of Historic Places.

A prehistoric site was identified within the east central section of the project area while testing at 50 ft. intervals (Map 3)(Photo 4). Lithic materials were retrieved levels one, two and three in Test 11. Five block flakes, one flake and two trim flakes were retrieved from levels one and two. One block flake and three flakes were retrieved from level three (Appendix 2). All of the lithic material was white quartz. An additional eleven screened shovel tests were excavated at reduced intervals north, south, east and west of Test eleven to define the limits of prehistoric deposit. Lithic material was retrieved from nine of the eleven additional screened shovel tests. A combined total of 68 block flakes, 86 flakes, 137 trim flakes, 1 hammerstone and a crude biface were retrieved from nine of the screened shovel tests (Appendix 2). All of the lithics were of the same white quartz material retrieved from Test eleven.

The prehistoric site appears limited to a 3000 square ft. area located within the east central section of the hill top within a flat area surrounded by large bedrock outcrops (Map 3). It appears concentrated in the area of Tests 12 and 13 where over 65 % of the total number of artifacts were retrieved (Figures 1 and 2)(Appendix 2). 22 block flakes, 32 flakes, 27 trim flakes and a hammerstone, representing 28% of the total, were retrieved from the level three subsoil in six of the screened shovel tests excavated within the site area (Appendix 2).

A significant concentration of quartz lithic material was identified during the archeological field reconnaissance. The prehistoric site encompasses approximately 3000 square ft. and is located within the east central section of the project area. The presence of a significant quantity of quartz lithic material suggests core reduction and tool manufacture occurred at this location. The retrieval of significant amounts of lithic material and a hammerstone from the level 3 subsoil suggests a high sensitivity to the presence of undisturbed prehistoric features.

- 2. Recommendations
  - \_\_\_\_ no additional work
  - <u>X</u> additional investigation
  - X project modification to avoid sites

### 3. Rationale

a. Evaluate the effect of the proposed undertaking on identified cultural resources.

### \* If cultural resources are present but will not be impacted explain why.

\* If cultural resources will be impacted, explain how each will be affected.

A prehistoric site encompassing approximately 3000 square feet, the remains of a late 19th century mortared stone foundation and a few early 20th century cottages will be impact through soil removal and redeposition associated with the construction of roads, utility lines and single family homes.

b. Describe possible precaution, protective measures or project modifications which would avoid or alleviate these impacts.

### c. Identify sites and/or areas which require additional study.

Additional subsurface field investigation is recommended for the 3000 square ft. prehistoric site located within the west central section of the proposed impact area. No additional investigation is recommended for the late 19th century foundation or the 20th century cottages since NYCLPC has previously indicated they are not eligible for listing on the National Register of Historic Places.

### d. Outline the nature and extent of additional investigation(s) recommended.

The proposed Chapel Hill subdivision will impact a prehistoric deposit encompassing approximately 3000 square feet located within the west central section of the project area. The general limits of the prehistoric site were determined during the Stage 1B archeological field investigation. The focus of any additional investigation will be to identify the activities which took place at the site, expose any prehistoric features, retrieve any datable charcoal samples and culturally diagnostic artifacts which could provide the date and duration of the prehistoric occupation for determination of eligibility for listing on the National Register of Historic Places. Determination of eligibility is generally based on the criterion that the prehistoric site may yield or be likely to yield significant information to the prehistory of the area.

### END OF PART 1B

If site evaluation is not completed at this time, proceed to PART 3.

#### page 5

### PART 3: SUPPORTIVE DATA

Reports should include the items listed below. Bracketed information is optional. Put a check mark next to each item appended. <u>Please note</u>: Most attachments listed below often provide precise locational and compositional data on archeological site. This information is <u>confidential</u> to protect the resource from vandalism. All attachments with specific information should be omitted from report copies which will be available to the general public.

- <u>X</u> qualifications of principal investigator(s)
- X topographic map with the project area noted
- X map(s) of test locations, field inspection, and areas of cultural material; [map(s) must have title, bar scale and directional arrow)
- <u>X</u> artifact catalog
- X record of soil stratigraphy in each test unit
- \_\_\_\_\_ copies of relevant, supplemental historic maps
- \_\_\_\_\_ site inventory forms (mark "Confidential: for Agency Use Only")

For reports on survey which include Site Evaluation and Definition (Part 2 above), the following items should also be included:

- \_\_\_\_\_ project area map with site boundaries delineated (mark "Confidential: for Agency Use Only.")
- \_\_\_\_ soil profiles
- \_\_\_\_\_ photographs, as appropriate, characterizing the project area and documenting salient cultural remains
- \_\_\_\_\_ recommendations

<u>Certification</u>: I certify that I directed the cultural resource investigation reported here, that my observations and methods are fully reported and that this report is complete and accurate to the best of my knowledge.

11/90

largen signature of preparer

Hartgen Archeological Associates, Inc.

October 1990



### MAP LIST

- - -

- 1. Project location in New York State
- 2. Project location USGS Yonkers, N.Y.-N.J. 1979
- 3. Project Map

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PROJECT LOCATION IN NEW YORK STATE MAP



# PHOTOGRAPHS

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Photo 1: Mortared stone foundation located within the east central section of the project area.



Photo 2: Foundation remains of 20th century cottage associated with the Order of the Living Christ religious retreat.



Photo 3: Remains of 20th century cottage located within the southeastern corner of the project area showing concrete slab and section of roof.



Photo 4: Prehistoric site located within the west central section of the project area.

FIGURES

# Dist. of Quartz Artifacts by Test



# Dist. of Quartz Artifacts by Test



## **APPENDIX 1**

### **TEST EXCAVATIONS**

### TEST EXCAVATION RECORDS CHAPEL FARM II

TEST	DEPTH (cm)	STRATIGRAPHY
1	0-5 5-38	dark brown humus dark yellowish brown silty sand
2	0-16 16-63	dark brown silty humus dark yellowish brown silty sand
3	0-17 17-47 47-57	dark brown silty humus dark yellowish brown silty sand strong brown silty sand
4	0-15 15-53	dark brown silty humus dark yellowish brown silty sand
5	0-23 23-43	dark brown silt with humus dark yellowish brown silty sand
6	0-23 23-39 rock	dark brown silt with humus dark yellowish brown silty sand
7	0-18 18-38 rock	dark brown silt with humus dark yellowish brown silty sand
8	0-43 43-52	dark yellowish brown sand dark yellowish brown sand
9	0-7 7-17 rock	very dark brown humus dark brown silty sand with rock
10	0-11 11-22 rock	very dark brown humus dark brown silt with rocks
11	0-7 7-28 28-56	very dark brown humus dark yellowish brown sand with rocks dark yellowish brown sand
12	0-8 8-28 28-50 rock	very dark brown humus with sand and rocks dark yellowish brown sand with rocks dark yellowish brown sand with rocks
13	0-6 6-21 21-40 rock	very dark brown humus with sand and rocks dark yellowish brown sand with rocks dark yellowish brown sand with rocks

14	0-8 8-31 31-55	very dark brown humus dark yellowish brown fine sand dark yellowish brown fine sand
15	0-7 7-22 22-28 rock	very dark brown humus dark yellowish brown silty sand dark yellowish brown silty sand
16	0-14 rock	dark brown silty humus
17	0-8 8-24 24-46 rock	very dark brown humus dark yellowish brown silty sand strong brown silty sand
18	0-8 8-25 25-50 rock	very dark brown humus dark yellowish brown silty sand dark yellowish brown silty sand
19	0-15 15-21 rock	very dark brown silty humus dark yellowish brown silty sand
20	0-8 8-27 27-36	very dark brown humus with silt dark yellowish brown silt with gravel dark yellowish brown silt with gravel
21	0-8 8-32 32-58	very dark brown humus dark yellowish brown silty sand strong brown silty sand
22	0-17 17-75	dark brown silty humus strong brown silty sand
23	0-10 10-27 27-60	dark brown silty humus dark yellowish brown silty sand strong brown silty sand
24	0-13 13-50	dark brown silty humus dark yellowish brown silty sand
25	0-35 35-60	dark brown silty sand dark yellowish brown silty sand
26	0-5 5-18 18-32	very dark brown humus dark yellowish brown silty sand dark brown silty sand
27	0-11 11-35	very dark brown humus dark yellowish brown silty sand with rock

28	0-7 7-17 17-44	very dark brown humus dark yellowish brown silty sand strong brown silty sand
29	0-16 rock	very dark brown silty humus
30	0-16 16-31	very dark brown humus dark yellowish brown silty sand
31	0-8 8-13 13-39	very dark brown humus dark brown silty sand dark yellowish brown silty sand
32	0-10 10-25 25-60	dark brown humus dark yellowish brown silty sand strong brown silty sand
33	0-10 10-18 18-62	dark brown humus dark yellowish brown silty sand strong brown silt
34	0-13 13-20 20-47	dark brown humus dark yellowish brown silty sand strong brown silty sand
35	0-20 rock	dark brown silty humus
36	0-7 7-70	dark brown humus strong brown silty sand
37	0-14 14-38 rock	dark brown humus dark yellowish brown silty sand with rocks

# APPENDIX 2

# ARTIFACT CATALOG

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ARCHEOLOGICAL FIELD RECONNAISSANCE - CHAPEL FARMS (SITE 622)

ART.#	TEST	LEVEL	QUANT	ARTIFACT DESCRIPTION	WEIGHT(g)	BAG #
1	3	I & II	1	glass, bottle, pale aqua	2.3	1
2	3	I & II	1	glass, window	2.2	1
3	3	I & II	1	iron object, nozzle(?), "DIAMOND"	57.6	1
4	3	I & II	1	burnt rock	62.1	1
5	3	I & II	1	cinder, unknown material	8.6	1
6	4	II	2	red earthenware, flower pot	6.0	2
7	4	II	3	coal	4.3	2
7	4	II	2	coal, burnt	0.9	2
7	4	II	1	coal slag	2.9	2
8	4	II	2	pebbles, guartz	8.1	2
9	6	II	2	glass, window	4.2	3
10	8	I, II, III	6	red earthenware, flower pot,	80.5	4
				rims, (all different pots)		
10	8	I. II. III	14	red earthenware, flower pot,	42.9	4
				body		
10	8	I, II, III	1	red earthenware, flower pot, base	6.1	4
11	8	I, II, III	1	glass, bottle, green	10.6	4
12	8	I, II, III	1	nail, iron, cut	5.3	4
13	8	I, II, III	1	barbed wire, iron	3.2	4
14	8	I, II, III	1	plated brass object (handle?),	19.3	4
				"SOLID"		
15	8	I, II, III	1	iron object (cap?)	1.8	4
16	8	I, II, III	1	brick	9.6	4
17	8	I, II, III	1	glass, window, frosted	7.5	4
17	8	I, II, III	4	glass, window	3.9	4
18	8	I, II, III	7	coal	62.5	4
18	8	I, II, III	2	coal, burnt	2.9	4
18	8	I, II, III	. 1	coal slag	4.1	4
19	11	I & II	1	brick	4.3	5
20	11	I & II	1	flake, quartz	3.6	5
21	11	I & II	2	trim, quartz	1.5	5
22	11	I & II	5	block flakes	412.9	5
23	11	III	3	flakes, quartz	15.2	6
24	11	III	1	block flake, quartz	3.1	6
25	12	I & II	19	flakes, quartz	98.0	7
26	12	I & II	22	trím, quartz	16.8	7
27	12	I & II	2	block flakes, quartz	51.1	7
28	12	I & II	8	block trim, quartz	25.5	7
29	12	III	9	flakes	66.0	8
30	12	III	5	trim	4.6	8
31	12	III	2	block trim	6.3	8
32	12	III	1	quartz block	1217.5	8
33	13	I & II	1	utilized flake, guartz	9.7	9
34	13	I & II	21	flakes, quartz	162.9	9
35	13	I & II	33	trim, quartz	18.3	9
36	13	I & II	14	block flakes	450.3	9
37	13	I & II	10	block trim	21.7	9
38	13	III	12	flakes, quartz	61.4	10
39	13	III	18	trim, quartz	11.6	10
40	13	III	13	block flakes, quartz	124.8	10
41	13	III	1	rough stone tool, (poss.	184.8	10
				hammerstone?)		
42	14	I & II	4	glass, window	1.7	11

ARCHEOLOGICAL FIELD RECONNAISSANCE - CHAPEL FARMS (SITE 622)

43     14     II & III     2     glass, window     0.9     12       44     14     II & III     1     trim, quartz     2.5     12       45     14     II & III     1     trim, quartz     2.5     13       46     15     I & II     1     crude biface(?), quartz     2.5     13       46     15     I & II     1     utilized flake(?), quartz     4.5     13       47     15     I & II     1     utilized flake(?), quartz     4.5     13       48     15     I & II     1     trim, quartz     1.9     13       49     15     I & II     1     trim, quartz     1.9     13       50     15     I & II     1     block flakes     628.2     13       51     15     I & II     1     block flakes     628.2     13       52     17     I & II     1     mont fragment, unidentified     2.7     14       53     17     I & II     1     block flakes, quartz     1.5     14       54     17	ART.#	TEST	LEVEL	QUANT	ARTIFACT DESCRIPTION	WEIGHT(g)	BAG #
44     14     II & III     1     trim, quartz     2.5     12       45     14     II & III     1     rock with quartz deposits -     65.3     12       45     14     II & III     1     rock with quartz deposits -     65.3     12       46     15     I & II     1     crude biface(?), quartz     25.5     13       47     15     I & II     1     crude biface(?), quartz     4.5     13       48     15     I & II     1     biface(?), quartz     1.9     13       49     15     I & II     1     biface(?), quartz     1.9     13       50     15     I & II     1     bick flakes     628.2     13       51     15     I & II     1     bick flakes     628.2     13       52     17     I & II     1     metal fragment, unidentified     2.7     14       53     17     I & II     1     bick flakes, quartz     26.6     14       54     17     I & II     1     bick flakes, quartz     15.1     15       57	43	14	II & III	2	glass, window	0.9	12
44     14     II & III     3     trim, quartz     2.5     12       45     14     II & III     1     rock with quartz depoits - non cultural non cultural     25.5     13       46     15     I & II     1     urtilized flake(?), quartz     25.5     13       47     15     I & II     1     urtilized flake(?), quartz     10.9     13       48     15     I & II     6     trim, quartz     1.9     13       50     15     I & II     16     block trim     10.3     13       51     15     I & II     1     block trim     10.3     13       52     17     I & II     1     block trim, quartz     26.6     14       54     17     I & II     1     block flakes, quartz     15     15       53     17     I II     1     coch flakes, quartz     7.9     16       55     17     I II     1     coch flakes, quartz     7.9     16       61     18     I II     7     flakes, quartz     23.0     17       61	44	14	II & III	1	trim, chert	0.6	12
45     14     II & III     1     rock with quartz deposits -     65.3     12       46     15     I & II     1     crude biface(?), quartz     25.5     13       47     15     I & II     1     utilized flake(?), quartz     4.5     13       48     15     I & II     1     trink quartz     1.9     13       49     15     I & II     16     block flakes     628.2     13       50     15     I & II     16     block flakes     628.2     13       51     15     I & II     1     metal fragment, unidentified     2.7     14       53     17     I & II     1     block flakes, quartz     3.4     14       54     17     I & II     1     block flakes, quartz     3.4     14       54     17     I & II     1     block flakes, quartz     3.4     14       55     17     II     II     1     coal     0.7     15       57     17     III     1     coal     0.7     15       58     17 <td>44</td> <td>14</td> <td>II &amp; III</td> <td>3</td> <td>trim, quartz</td> <td>2.5</td> <td>12</td>	44	14	II & III	3	trim, quartz	2.5	12
46     15     I & II     1     crude biface(?), quartz     25.5     13       47     15     I & II     1     utilized flake(?), quartz     1.9     13       48     15     I & II     6     trim, quartz     1.9     13       49     15     I & II     16     block flakes     628.2     13       50     15     I & II     16     block flakes     628.2     13       51     15     I & II     16     block flakes     0.3     13       52     17     I & II     1     metal fragment, unidentified     2.7     14       53     17     I & II     1     metal fragment, quartz     3.4     14       54     17     I & II     1     block trim, quartz     1.5     14       56     17     III     1     coal     0.7     15       57     17     III     2     trim, quartz     0.5     15       58     13     III     3     block flakes, quartz     17.3     15       60     18     I & II	45	14	II & III	1	rock with quartz deposits - non cultural	65.3	12
47     15     I & II     1     utilized flake(?), quartz     4.5     13       48     15     I & II     5     flakes, quartz     10.9     13       50     15     I & II     16     block flakes     628.2     13       51     15     I & II     1     metal fragment, unidentified     2.7     14       53     17     I & II     1     block trim, quartz     3.4     14       54     17     I & II     1     block trim, quartz     1.5     14       55     17     I & II     1     block trim, quartz     0.5     15       57     17     I II     2     trim, quartz     0.5     15       58     17     III     3     block flakes, quartz     74.1     16       61     18     I & II     5     trim, quartz     23.0     17       63     18     III     7     flakes, quartz     28.1     17       63     14     II     1     primary flake, quartz     28.1     17       64     18     III <td>46</td> <td>15</td> <td>I &amp; II</td> <td>1</td> <td>crude biface(?), guartz</td> <td>25.5</td> <td>13</td>	46	15	I & II	1	crude biface(?), guartz	25.5	13
48     15     I & II     5     flakes, quartz     10.9     13       49     15     I & II     6     trim, quartz     1.9     13       50     15     I & II     16     block flakes     628.2     13       51     15     I & II     7     block trim     10.3     13       52     17     I & II     metal fragment, unidentified     2.7     14       53     17     I & II     1     block trim, quartz     3.4     14       54     17     I & II     1     block trim, quartz     1.5     14       56     17     III     1     cola     0.7     15       57     17     III     1     cola     0.7     15       58     17     II     10.6k flakes, quartz     17.3     15       58     17     II     1     flakes, quartz     40     16       61     18     II     5     block flakes, quartz     23.0     17       63     18     III     1     plakes, quartz     28.1     1	47	15	I & II	1	utilized flake(?), quartz	4.5	13
49     15     I & II     6     trim, quartz     1.9     13       50     15     I & II     16     block flakes     628.2     13       51     15     I & II     1     metal fragment, unidentified     2.7     14       52     17     I & II     1     metal fragment, unidentified     2.7     14       53     17     I & II     1     block flake, quartz     3.4     14       54     17     I & II     1     block flake, quartz     1.5     14       56     17     III     1     block flake, quartz     0.5     15       57     17     III     2     trim, quartz     1.6     16       61     18     I & II     5     trim, quartz     74.1     16       61     18     I & II     5     trim, quartz     74.1     16       62     18     III     7     flakes, quartz     74.1     16       61     18     I & II     1     primary flake, quartz     18.6     17       64     111     1	48	15	I & II	5	flakes, guartz	10.9	13
5015I & II16block flakes628.2135115I & II7block trim10.3135217I & II1metal fragment, unidentified2.7145317I & II1block flake, quartz3.4145417I & II1block flake, quartz3.4145517I & II1block flake, quartz3.4145617III1block flake, quartz1.5145617III1coal0.7155717III2trim, quartz0.5155817I & II3block flakes, quartz17.3155918I & II7flakes, quartz4.0166118I & II5block flakes, quartz28.1176318III7flakes, quartz28.1176418III1primary flake, quartz18186619I & II3trim1.9186719I & II3trim, quartz1.3207120III1flake, quartz1.3207221I & II1glass, window0.4217321I & II1glass, window0.4217421I & II1glass, window0.421	49	15	I & II	6	trim, quartz	1.9	13
51     15     I & II     7     block trim     10.3     13       52     17     I & II     1     metal fragment, unidentified     2.7     14       53     17     I & II     1     metal fragment, unidentified     2.7     14       54     17     I & II     1     block flake, quartz     26.6     14       55     17     I & II     1     block trim, quartz     1.5     14       56     17     III     1     coal     0.7     15       57     17     III     2     trim, quartz     0.5     15       58     17     III     3     block flakes, quartz     17.3     15       59     18     I & II     7     flakes, quartz     23.0     17       61     18     I I     1     primary flake, quartz     196.8     17       62     18     III     1     primary flake, quartz     196.8     17       63     18     I I     1     flakes     12.4     18       66     19     I & II     1	50	15	I & II	16	block flakes	628.2	13
5217I & II1metal fragment, unidentified2.7145317I & II8trim, quartz3.4145417I & II1block flake, quartz26.6145517I & II1block trim, quartz1.5145617III1coal0.7155717III2trim, quartz0.5155817III3block flakes, quartz17.3155918I & II7flakes, quartz74.1166018I & II5block flakes, quartz23.0176318III7flakes, quartz23.0176418III1primary flake, quartz196.8176519I & II3trim1.9186619I & II3trim1.9186719I & II1glass, bottle0.2197020II11 flakes, quartz1.8207120III1rid, quartz1.3207221I & II2glass, window0.4217321I & II1glass, window0.4217421I & II1glass, window0.4217421I & II1block flakes, quartz0.921 <tr< td=""><td>51</td><td>15</td><td>I &amp; II</td><td>7</td><td>block trim</td><td>10.3</td><td>13</td></tr<>	51	15	I & II	7	block trim	10.3	13
53     17     I & II     8     trim, quartz     3.4     14       54     17     I & II     1     block flake, quartz     26.6     14       55     17     I & II     1     block flake, quartz     1.5     14       56     17     III     1     coal     0.7     15       57     17     III     2     trim, quartz     0.5     15       58     17     II     3     block flakes, quartz     17.3     15       59     18     I & II     7     flakes, quartz     4.0     16       61     18     I & II     5     trim, quartz     23.0     17       63     18     III     4     block flakes, quartz     28.1     17       64     18     III     1     primary flake, quartz     196.8     17       65     19     I & II     3     trim     1.9     18       66     19     I & II     3     trim, quartz     1.3     20       70     20     I & II     1     glass, bottle <td>52</td> <td>17</td> <td>I &amp; II</td> <td>1</td> <td>metal fragment, unidentified</td> <td>2.7</td> <td>14</td>	52	17	I & II	1	metal fragment, unidentified	2.7	14
54     17     I & II     1     block flake, quartz     26.6     14       55     17     I & II     1     block trim, quartz     1.5     14       56     17     III     1     coal     0.7     15       57     17     III     2     trim, quartz     0.5     15       58     17     III     3     block flakes, quartz     17.3     15       59     18     I & II     1     trim, quartz     4.0     16       61     18     I & II     5     trim, quartz     23.0     17       63     18     III     7     flakes, quartz     23.0     17       64     18     III     1     primary flake, quartz     28.1     17       64     18     III     1     flakes     21.9     18       66     19     I & II     3     trim     1.9     18       66     19     I & II     1     glass, bottle     0.2     19       67     19     I & II     1     glass, bottle     0.2<	53	17	I & II	8	trim, quartz	3.4	14
55     17     I & II     1     block trim, quartz     1.5     14       56     17     III     1     coal     0.7     15       57     17     III     2     trim, quartz     0.5     15       58     17     III     3     block flakes, quartz     17.3     15       59     18     I & II     7     flakes, quartz     57.9     16       60     18     I & II     5     block flakes, quartz     4.0     16       61     18     I & II     5     block flakes, quartz     28.1     17       63     18     III     1     primary flake, quartz     28.1     17       64     18     III     1     primary flake, quartz     196.8     17       65     19     I & II     3     flakes     142.4     18       66     19     I & II     1     glass, window     2.1     19       67     19     I & II     1     glass, window     2.1     19       70     20     III     1     flak	54	17	I & II	1	block flake, guartz	26.6	14
56     17     III     1     coal     0.7     15       57     17     III     2     trim, quartz     0.5     15       58     17     III     3     block flakes, quartz     17.3     15       59     18     I & II     7     flakes, quartz     57.9     16       60     18     I & II     5     trim, quartz     4.0     16       61     18     I & II     5     block flakes, quartz     23.0     17       63     18     III     7     flakes, quartz     28.1     17       64     18     III     1     primary flake, quartz     28.1     17       64     18     III     1     flakes     21.9     18       66     19     I & II     3     flakes     21.9     18       67     19     I & II     1     glass, bottle     0.2     19       68     20     I & II     1     glass, window     2.1     19       70     20     III     1     rike, quartz     1.3 <td>55</td> <td>17</td> <td>I &amp; II</td> <td>1</td> <td>block trim, guartz</td> <td>1.5</td> <td>14</td>	55	17	I & II	1	block trim, guartz	1.5	14
57     17     III     2     trim, quartz     0.5     15       58     17     III     3     block flakes, quartz     17.3     15       59     18     I & II     7     flakes, quartz     4.0     16       60     18     I & II     5     trim, quartz     4.0     16       61     18     I & II     5     block flakes, quartz     23.0     17       63     18     III     7     flakes, quartz     23.0     17       64     18     III     1     primary flake, quartz     196.8     17       64     18     III     3     flakes     21.9     18       66     19     I & II     3     trim     1.9     18       67     19     I & II     3     trim, quartz     1.8     20       7     1     6     19     I & II     1     19     18       67     19     I & II     1     glass, bottle     0.2     19       70     20     I II     1     flakes, quartz	56	17	III	1	coal	0.7	15
58     17     III     3     block flakes, quartz     17.3     15       59     18     I & II     7     flakes, quartz     57.9     16       60     18     I & II     5     trim, quartz     4.0     16       61     18     I & II     5     block flakes, quartz     74.1     16       62     18     III     7     flakes, quartz     23.0     17       63     18     III     7     flakes, quartz     28.1     17       64     18     III     1     primary flake, quartz     196.8     17       65     19     I & II     3     flakes     21.9     18       66     19     I & II     3     trim     1.9     18       66     19     I & II     glass, window     2.1     19       70     20     III     1     flakes, quartz     1.8     20       71     20     III     1     flake, quartz     1.3     20       72     21     I & II     lass, window     0.4     21	57	17	III	2	trim, quartz	0.5	15
59     18     I & II     7     flakes, quartz     57.9     16       60     18     I & II     5     trim, quartz     4.0     16       61     18     I & II     5     block flakes, quartz     74.1     16       62     18     III     7     flakes, quartz     23.0     17       63     18     III     4     block flakes, quartz     28.1     17       64     18     III     1     primary flake, quartz     196.8     17       65     19     I & II     3     flakes     21.9     18       66     19     I & II     3     trim     1.9     18       66     19     I & II     1     glass, bottle     0.2     19       67     19     I & II     1     glass, window     2.1     19       70     20     III     1     flake, quartz     1.8     20       71     20     III     1     red earthenware, flower pot     2.4     21       73     21     I & II     1     glass,	58	17	III	3	block flakes, guartz	17.3	15
60     18     I & II     5     trim, quartz     4.0     16       61     18     I & II     5     block flakes, quartz     74.1     16       62     18     III     7     flakes, quartz     23.0     17       63     18     III     7     flakes, quartz     28.1     17       64     18     III     1     primary flake, quartz     196.8     17       64     18     III     3     flakes     21.9     18       66     19     I & II     3     trim     1.9     18       66     19     I & II     3     trim     1.9     18       67     19     I & II     1     glass, bottle     0.2     19       67     19     I & II     1     glass, window     2.1     19       70     20     III     1     flake, quartz     1.8     20       71     20     III     1     red earthenware, flower pot     2.4     21       73     21     I & II     1     glass, window <t< td=""><td>59</td><td>18</td><td>I &amp; II</td><td>7</td><td>flakes, guartz</td><td>57.9</td><td>16</td></t<>	59	18	I & II	7	flakes, guartz	57.9	16
61     18     I & III     5     block flakes, quartz     74.1     16       62     18     III     7     flakes, quartz     23.0     17       63     18     III     4     block flakes, quartz     28.1     17       64     18     III     1     primary flake, quartz     196.8     17       65     19     I & II     3     flakes     21.9     18       66     19     I & II     3     trim     1.9     18       66     19     I & II     3     trim     1.9     18       67     19     I & II     1     glass, bottle     0.2     19       67     20     I & II     1     glass, window     2.1     19       70     20     III     1     flake, quartz     1.8     20       71     20     III     1     ref earthenware, flower pot     2.4     21       73     21     I & II     1     glass, window     0.4     21       75     21     I & II     1     glass, bottle, q	60	18	I & II	5	trim, quartz	4.0	16
62     18     III     7     flakes, quartz     23.0     17       63     18     III     4     block flakes, quartz     28.1     17       64     18     III     1     primary flake, quartz     196.8     17       65     19     I & II     3     flakes     21.9     18       66     19     I & II     3     trim     1.9     18       67     19     I & II     5     block flakes     142.4     18       68     20     I & II     1     glass, bottle     0.2     19       70     20     III     1     flake, quartz     1.8     20       71     20     III     3     trim, quartz     1.3     20       72     21     I & II     1     red earthenware, flower pot     2.4     21       73     21     I & II     1     glass, window     0.4     21       75     21     I & II     1     block trim/peble, quartz     0.9     21       76     21     I & III     1     bloc	61	18	I & II	5	block flakes, guartz	74.1	16
63     18     III     4     block flakes, quartz     28.1     17       64     18     III     1     primary flake, quartz     196.8     17       65     19     I & II     3     flakes     21.9     18       66     19     I & II     3     trim     1.9     18       66     19     I & II     3     trim     1.9     18       67     19     I & II     3     trim     1.9     18       67     19     I & II     3     trim     1.9     18       68     20     I & II     1     glass, bottle     0.2     19       69     20     I & II     1     glass, window     2.1     19       70     20     III     1     trim, quartz     1.3     20       71     20     III     1     red earthenware, flower pot     2.4     21       73     21     I & II     1     glass, window     0.4     21       74     21     I & II     1     glass, window     0.4	62	18	III	7	flakes, guartz	23.0	17
64     18     III     1     primary flake, quartz     196.8     17       65     19     I & II     3     flakes     21.9     18       66     19     I & II     3     trim     1.9     18       67     19     I & II     5     block flakes     142.4     18       68     20     I & II     1     glass, bottle     0.2     19       69     20     I & II     1     glass, window     2.1     19       70     20     III     1     flake, quartz     1.8     20       71     20     III     1     red earthenware, flower pot     2.4     21       73     21     I & II     2     brick     1.0     21       74     21     I & II     1     glass, window     0.4     21       75     21     I & II     1     block trim/pebble, quartz     0.9     21       77     21     II & III     1     primary flake, chert     14.9     22       79     21     II & III     1     gla	63	18	III	4	block flakes, guartz	28.1	17
65     19     I & II     3     flakes     21.9     18       66     19     I & II     3     trim     1.9     18       67     19     I & II     5     block flakes     142.4     18       68     20     I & II     1     glass, bottle     0.2     19       69     20     I & II     2     glass, window     2.1     19       70     20     III     1     flake, quartz     1.8     20       71     20     III     3     trim, quartz     1.3     20       71     20     III     1     red earthenware, flower pot     2.4     21       73     21     I & II     1     red earthenware, flower pot     2.4     21       74     21     I & II     1     glass, window     0.4     21       75     21     I & II     1     block trim/pebble, quartz     0.9     21       75     21     I & III     1     block trim/pebble, quartz     0.9     21       76     21     I & III     1	64	18	III	1	primary flake, quartz	196.8	17
66     19     I & II     3     trim     1.9     18       67     19     I & II     5     block flakes     142.4     18       68     20     I & II     1     glass, bottle     0.2     19       69     20     I & II     2     glass, window     2.1     19       70     20     III     1     flake, quartz     1.8     20       71     20     III     3     trim, quartz     1.3     20       72     21     I & II     1     red earthenware, flower pot     2.4     21       73     21     I & II     1     glass, window     0.4     21       74     21     I & II     1     glass, window     0.4     21       75     21     I & II     1     block trim/pebble, quartz     0.9     21       76     21     I & III     1     block trim/pebble, quartz     0.9     21       77     21     II & III     1     primary flake, chert     14.9     22       78     21     II & III     1	65	19	I & II	3	flakes	21.9	18
67     19     I & II     5     block flakes     142.4     18       68     20     I & II     1     glass, bottle     0.2     19       69     20     I & II     2     glass, window     2.1     19       70     20     III     1     flake, quartz     1.8     20       71     20     III     3     trim, quartz     1.3     20       71     20     III     1     red earthenware, flower pot     2.4     21       73     21     I & II     1     red earthenware, flower pot     2.4     21       74     21     I & II     1     glass, window     0.4     21       74     21     I & II     1     glass, window     0.4     21       75     21     I & II     1     block trim/pebble, quartz     0.9     21       76     21     I & III     1     block flakes, quartz     7.0     22       78     21     II & III     1     glass, bottle, clear, "N'S"     13.4     23       80     26	66	19	I & II	3	trim	1.9	18
68     20     I & II     1     glass, bottle     0.2     19       69     20     I & II     2     glass, window     2.1     19       70     20     III     1     flake, quartz     1.8     20       71     20     III     3     trim, quartz     1.3     20       72     21     I & II     1     red earthenware, flower pot     2.4     21       73     21     I & II     1     red earthenware, flower pot     2.4     21       73     21     I & II     1     glass, window     0.4     21       74     21     I & II     1     glass, window     0.4     21       75     21     I & II     1     block trim/pebble, quartz     0.9     21       76     21     I & III     1     block trim/pebble, quartz     0.9     21       77     21     II & III     1     primary flake, chert     14.9     22       79     21     II & III     1     glass, bottle, clear, "N'S"     13.4     23       80     2	67	19	I & II	5	block flakes	142.4	18
69     20     I & II     2     glass, window     2.1     19       70     20     III     1     flake, quartz     1.8     20       71     20     III     3     trim, quartz     1.3     20       72     21     I & II     1     red earthenware, flower pot     2.4     21       73     21     I & II     1     red earthenware, flower pot     2.4     21       73     21     I & II     1     glass, window     0.4     21       74     21     I & II     1     glass, window     0.4     21       75     21     I & II     1     block trim/pebble, quartz     0.9     21       76     21     I & III     1     block trim/pebble, quartz     0.9     22       77     21     II & III     1     primary flake, chert     14.9     22       79     21     II & III     1     glass, bottle, clear, "N'S"     13.4     23       80     26     II     1     glass, bottle, clear     3.2     23       81 <t< td=""><td>68</td><td>20</td><td>I &amp; II</td><td>1</td><td>glass, bottle</td><td>0.2</td><td>19</td></t<>	68	20	I & II	1	glass, bottle	0.2	19
70     20     III     1     flake, quartz     1.8     20       71     20     III     3     trim, quartz     1.3     20       72     21     I & II     1     red earthenware, flower pot     2.4     21       73     21     I & II     1     red earthenware, flower pot     2.4     21       73     21     I & II     1     glass, window     0.4     21       74     21     I & II     1     glass, window     0.4     21       75     21     I & II     1     block trim/pebble, quartz     0.9     21       76     21     I & III     1     block trim/pebble, quartz     0.9     21       76     21     I & III     1     primary flake, chert     14.9     22       78     21     II & III     1     primary flake, quartz     7.0     22       78     21     II & III     1     glass, bottle, clear, "N'S"     13.4     23       80     26     II     1     glass, bottle, clear     15.1     24       82 <td>69</td> <td>20</td> <td>I &amp; II</td> <td>2</td> <td>glass, window</td> <td>2.1</td> <td>19</td>	69	20	I & II	2	glass, window	2.1	19
71     20     III     3     trim, quartz     1.3     20       72     21     I & II     1     red earthenware, flower pot     2.4     21       73     21     I & II     2     brick     1.0     21       74     21     I & II     2     brick     1.0     21       74     21     I & II     1     glass, window     0.4     21       75     21     I & II     1     block trim/pebble, quartz     0.9     21       76     21     I & III     1     block trim/pebble, quartz     0.9     21       76     21     II & III     1     primary flake, chert     14.9     22       78     21     II & III     1     primary flake, chert     14.9     22       78     21     II & III     1     glass, bottle, clear, "N'S"     13.4     23       80     26     II     1     glass, bottle, clear     3.2     23       81     28     II & 1     glass, bottle, clear, finely     2.7     25       pebbled texture     1.3<	70	20	III	1	flake, guartz	1.8	20
72     21     I & II     1     red earthenware, flower pot     2.4     21       73     21     I & II     2     brick     1.0     21       74     21     I & II     1     glass, window     0.4     21       74     21     I & II     1     glass, window     0.4     21       75     21     I & II     1     block trim/pebble, quartz     0.9     21       76     21     I & II     1     block trim/pebble, quartz     0.9     21       76     21     I & III     1     block trim/pebble, quartz     0.9     21       77     21     II & III     1     primary flake, chert     14.9     22       78     21     II & III     1     primary flake, chert     14.9     22       79     21     II & III     1     glass, bottle, clear, "N'S"     13.4     23       80     26     II     1     glass, bottle, clear     3.2     23       81     28     II & III     5     quartz pebbles     15.1     24       82 <td>71</td> <td>20</td> <td>III</td> <td>3</td> <td>trim, quartz</td> <td>1.3</td> <td>20</td>	71	20	III	3	trim, quartz	1.3	20
73     21     I & II     2     brick     1.0     21       74     21     I & II     1     glass, window     0.4     21       75     21     I & II     2     coal     4.3     21       76     21     I & II     1     block trim/pebble, quartz     0.9     21       76     21     I & III     1     block trim/pebble, quartz     0.9     21       77     21     II & III     3     coal slag     12.9     22       78     21     II & III     1     primary flake, chert     14.9     22       79     21     II & III     1     primary flake, chert     14.9     22       0     26     II     1     glass, bottle, clear, "N'S"     13.4     23       80     26     II     1     glass, bottle, clear     3.2     23       81     28     II & III     5     quartz pebbles     15.1     24       82     30     I     1     glass, bottle, clear     6.4     25       83     30     I	72	21	I & II	1	red earthenware, flower pot	2.4	21
74     21     I & II     1     glass, window     0.4     21       75     21     I & II     2     coal     4.3     21       76     21     I & II     1     block trim/pebble, quartz     0.9     21       76     21     I & III     1     block trim/pebble, quartz     0.9     21       77     21     II & III     3     coal slag     12.9     22       78     21     II & III     1     primary flake, chert     14.9     22       79     21     II & III     2     block flakes, quartz     7.0     22       0     26     II     1     glass, bottle, clear, "N'S"     13.4     23       80     26     II     1     glass, bottle, clear     3.2     23       81     28     II & III     5     quartz pebbles     15.1     24       82     30     I     1     glass, bottle, clear, finely     2.7     25       pebbled     texture     1.3     25       398     4837.7	73	21	I & II	2	brick	1.0	21
75     21     I & II     2     coal     4.3     21       76     21     I & II     1     block trim/pebble, quartz     0.9     21       76     21     I & III     1     block trim/pebble, quartz     0.9     21       77     21     II & III     3     coal slag     12.9     22       78     21     II & III     1     primary flake, chert     14.9     22       79     21     II & III     2     block flakes, quartz     7.0     22       0     26     II     1     glass, bottle, clear, "N'S"     13.4     23       80     26     II     1     glass, bottle, clear     3.2     23       81     28     II & III     5     quartz pebbles     15.1     24       82     30     I     1     glass, bottle, clear, finely     2.7     25       pebbled     texture     2     32     30     I     1     3     25       398     30     I     1     brick     1.3     25	74	21	I & II	1	glass, window	0.4	21
76     21     I & II     1     block trim/pebble, quartz     0.9     21       77     21     II & III     3     coal slag     12.9     22       78     21     II & III     1     primary flake, chert     14.9     22       79     21     II & III     2     block flakes, quartz     7.0     22       0     26     II     1     glass, bottle, clear, "N'S"     13.4     23       80     26     II     1     glass, bottle, clear     3.2     23       81     28     II & III     5     quartz pebbles     15.1     24       82     30     I     1     glass, bottle, clear, finely     2.7     25       pebbled texture     2     2     glass, bottle, clear     6.4     25       83     30     I     1     brick     1.3     25       398     398     4837.7	75	21	I & II	2	coal	4.3	21
77     21     II & III     3     coal slag     12.9     22       78     21     II & III     1     primary flake, chert     14.9     22       79     21     II & III     2     block flakes, quartz     7.0     22       0     26     II     1     glass, bottle, clear, "N'S"     13.4     23       80     26     II     1     glass, bottle, clear     3.2     23       81     28     II & III     5     quartz pebbles     15.1     24       82     30     I     1     glass, bottle, clear, finely     2.7     25       pebbled texture     2     glass, bottle, clear     6.4     25       83     30     I     1     brick     1.3     25       398     398     4837.7     398     4837.7	76	21	I & II	1	block trim/pebble, guartz	0.9	21
78     21     II & III     1     primary flake, chert     14.9     22       79     21     II & III     2     block flakes, quartz     7.0     22       0     26     II     1     glass, bottle, clear, "N'S"     13.4     23       80     26     II     1     glass, bottle, clear     3.2     23       81     28     II & III     5     quartz pebbles     15.1     24       82     30     I     1     glass, bottle, clear, finely     2.7     25       pebbled texture     2     glass, bottle, clear     6.4     25       83     30     I     1     brick     1.3     25       398     4837.7	77	21	II & III	3	coal slag	12.9	22
79     21     II & III     2     block flakes, quartz     7.0     22       0     26     II     1     glass, bottle, clear, "N'S"     13.4     23       80     26     II     1     glass, bottle, clear     3.2     23       81     28     II & III     5     quartz pebbles     15.1     24       82     30     I     1     glass, bottle, clear, finely     2.7     25       pebbled     texture     2     glass, bottle, clear     6.4     25       83     30     I     1     brick     1.3     25       398     4837.7	78	21	II & III	1	primary flake, chert	14.9	22
0     26     II     1     glass, bottle, clear, "N'S"     13.4     23       80     26     II     1     glass, bottle, clear     3.2     23       81     28     II & III     5     quartz pebbles     15.1     24       82     30     I     1     glass, bottle, clear, finely     2.7     25       82     30     I     2     glass, bottle, clear     6.4     25       83     30     I     1     brick     1.3     25       398     4837.7	79	21	II & III	2	block flakes, guartz	7.0	22
80     26     II     1     glass, bottle, clear     3.2     23       81     28     II & III     5     quartz pebbles     15.1     24       82     30     I     1     glass, bottle, clear, finely     2.7     25       82     30     I     2     glass, bottle, clear     6.4     25       83     30     I     1     brick     1.3     25       398     4837.7     398     4837.7	0	26	II	1	glass, bottle, clear, "N'S"	13.4	23
81     28     II & III     5     quartz pebbles     15.1     24       82     30     I     1     glass, bottle, clear, finely     2.7     25       82     30     I     2     glass, bottle, clear     6.4     25       83     30     I     1     brick     1.3     25       398     4837.7	80	26	II	1	glass, bottle, clear	3.2	23
82     30 I     1 glass, bottle, clear, finely     2.7     25       pebbled texture       82     30 I     2 glass, bottle, clear     6.4     25       83     30 I     1 brick     1.3     25       398     4837.7	81	28	II & III	5	guartz pebbles	15.1	24
82     30 I     2 glass, bottle, clear     6.4     25       83     30 I     1 brick     1.3     25       398     4837.7	82	30	I	1	glass, bottle, clear, finely	2.7	25
83 30 I 1 brick 1.3 25 398	82	30	Т	2	glass, bottle, clear	6 4	25
398 4837.7	83	30	Т	1	brick	1 2	25
			-	398	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	4837 7	25

### **APPENDIX 3**

# PREHISTORIC SITE FORM

	D.1. 0.1.1. 11 1000
Project Identifier	Date <u>October 11, 1990</u>
Your Name Karen S. Hartgen	Phone (518) 283-0534
Address 27 Jordan Road	
Drganization (if any) Hartgen Archeolo	ogical Assoc., Inc.
,, <u></u>	
L. SITE IDENTIFIER(S)	
2. COUNTY Bronx	CITY New York
One of the follo	TOWNSHIP
	INCORPORATED VILLAGE
	UNINCORPORATED VILLAGE OR
	HAMLET
B. PRESENT OWNER Robert Kahn	
Address 390 West 253rd St	oozi
Bronx, New York 1	.0971
BurialShell Mi Surface EvidenceCamp Material below plow zoneBuried e Single componentEvidence Multicom .ocation Under cultivationNever cu PasturelandWoodland Upland	.ddenVillage Material in plow zone evidenceIntact Occupation floo of featuresStratified ponentPreviously cultivated Floodplain Sustaining erosion
Soil Drainage: excellentgood <u>x</u> Slope: flat <u>_x</u> gentle moderat Distance to nearest water from site (a Elevation:180 ft.	fairpoor esteep pprox.)
. SITE INVESTIGATION (append additiona Surfacedate(s) Site map (Submit with form) Collection	l sheets, if necessary):
Subsurfacedate(s)	

Manuscript or published report(s) (reference fully):

Archeological Field Reconnaissance SEQR 1B Chapel Farm II Bronx, New York October 1990

Present repository of materials \_\_\_\_\_ HAA

6. COMPONENT(S) (cultural affiliation/dates):

7. LIST OF MATERIAL REMAINS (be specific as possible in identifying object and material):

Flakes Crude Biface Hammerstone

If historic materials are evident, check here and fill out historic site form \_\_\_\_

8. MAP REFERENCES

USGS	7.5 Minute	Series	Quad.	Name	Yonkers	
UTM C	Coordinates	E	592360	N	4527900	

9. Photography

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# APPENDIX 4 QUALIFICATIONS

# Hartgen Archeological Associates, Inc.

CULTURAL RESOURCE SPECIALISTS 27 JORDAN ROAD - TROY, NEW YORK 12180 - (518) 283-0534

KAREN S. HARTGEN

Experience:

March 1973 to Present

June 1974 to 1978

February 1974 to 1976

### President and Principal Investigator Hartgen Archeological Associates, Inc.

I have directed the cultural resource management firm since 1973, completing over 250 cultural resource projects. The firm currently has a full time staff of 6, and other specialists are available as needed. We provide services in historical documentation, site file searches, field reconnaissance, archeological survey and excavation, artifact preservation, collection management, cartography, historic structure survey, National Register nominations, Environmental Impact Evaluations as mandated under NEPA, NHPA, SHPA and SEQR. Archeological surveys include initial surveys to locate sites, development of research designs and field methodologies to identify sites and subsequently retrieve data as mitigating measures.

### New York State Museum and Science Service State Education Department, Albany Assistant Highway Salvage Coordinator

Administration and coordination of the Highway Salvage Archeology Program for New York State during field seasons. Intermediary between various State agencies and cooperating institutions in the process of project evaluation and impact mitigation. Also prepared detailed financial reports for Federal reimbursement.

### <u>New York State Museum and Science Service</u> <u>Anthropological Survey, State Education Department</u> <u>Scientific Research Aide</u>

Processing archeological materials from the State Archeologist's current research program. Includes drawing preliminary site maps and profiles, summarizing field notes, restoration and cataloging of artifacts.

### Education:

State University of New York at Albany Master of Arts, Anthropology, December 1988

State University of New York at Albany Bachelor of Arts, Anthropology, January 1970