

Lockheed Martin Corporation  
6560 Rock Spring Drive, Bethesda, MD 20817  
Telephone 301-214-9971  
Fax 301-214-9502



March 9, 2006

**Re: Production Well Reconnaissance  
Former American Beryllium Company Site  
OGC #04-1328  
Tallevast, Manatee County, Florida**

Lockheed Martin Corporation is providing to you a copy of the report, *Production Well Reconnaissance*.

Ms. Karen Collins-Fleming  
Mr. Doug Koenig  
Mr. Henry Barbera  
Mr. Edwin Hunzeker  
Mr. Dan Schlandt

1600 Tallevast Road, Tallevast, Florida. The environmental work conducted in Tallevast has revealed the presence of groundwater impacts attributable to the operation of the ABC facility. These impacts include certain dissolved chlorinated compounds and 1,4-dioxane. Concerns over the migration of these impacts both

EB00007917

**Geology**  
GB310

**Landscape Architecture**  
LC26000269

pathways included private use, irrigation, and production wells located in the area. To limit ongoing concerns, Lockheed Martin has invested considerable time and effort to identify, locate, and abandon wells which represent a potential pathway for the migration of contaminants.

**Surveying**  
LB7062

Imagine the result

... by ... outside of the existing structures. Following the completion of the geophysical survey work, the data was evaluated by SDII and their report was then prepared.

... assigned to A and B on Figure 2.

To date, Lockheed Martin has successfully abandoned over 40 wells located in the

This list also includes a former supply well located on the western part of the

Page:

abandonment work being completed, sometimes it is necessary to over-drill the boring with a drill rig so that the hole can then be cemented from the bottom to the top. Most of the time over-drilling is not necessary. Once the abandonment is completed, the County records the information in their database and the well is listed as abandoned.

### **Future Activities**

former production well, can not be performed in or near Building # 5 without

underground utilities and debris and the location of both interior and exterior walls,  
additional geophysical surveys will likely not be productive. Unless more certain

eyewitness accounts pertaining to the location of such a well are obtained, additional  
activities are not warranted at this time.

Should you have any questions or need additional information, please contact me at  
813.915.4712.

Sincerely,

ARCADIS U.S., Inc.



Ben T. Foster, P.G.  
Senior Geologist II/Associate  
Florida P.G. License No. 001872

Attachments

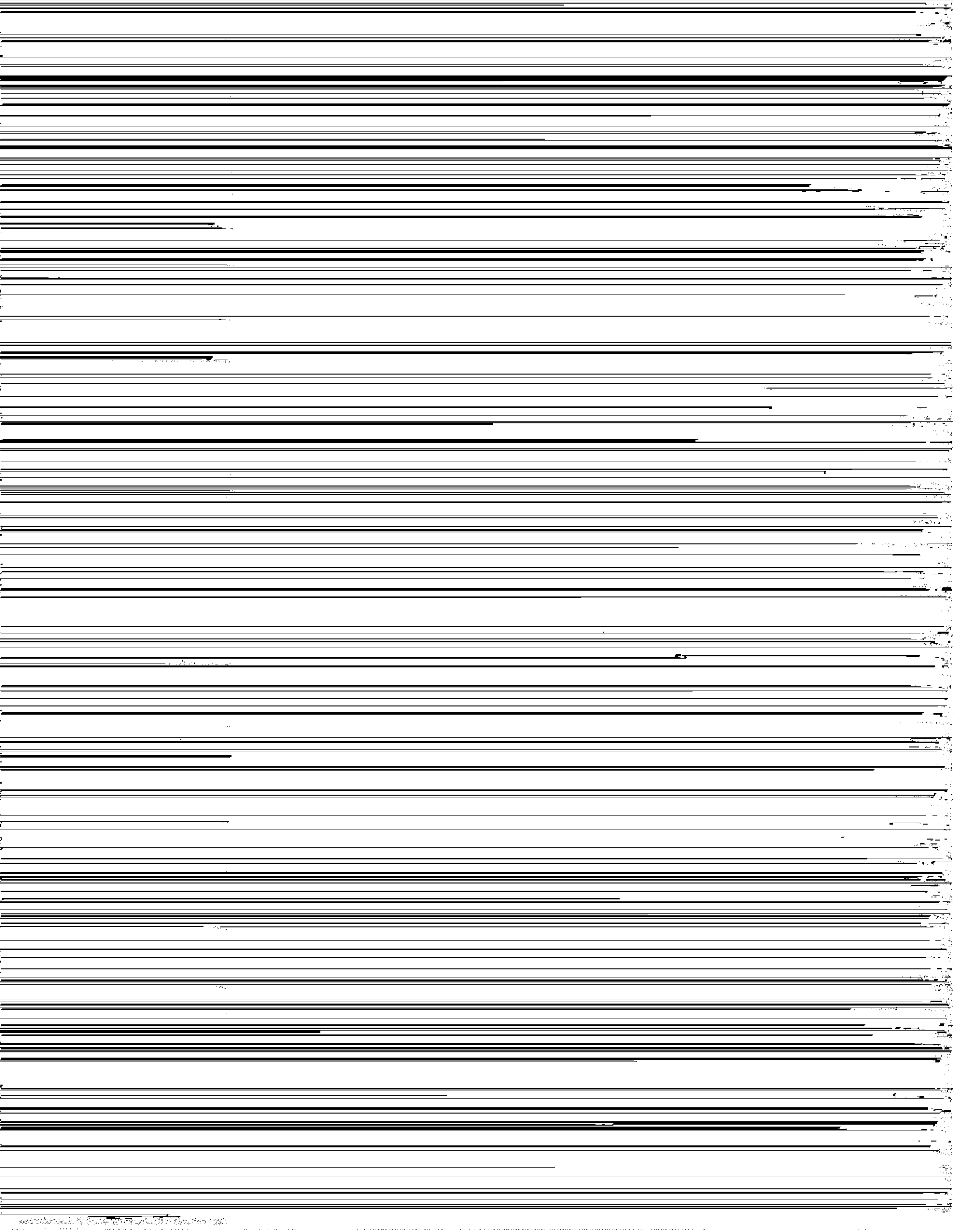
ARCADIS BBL

**Attachment 1**

SDII Geophysical Investigation

March 30, 2006



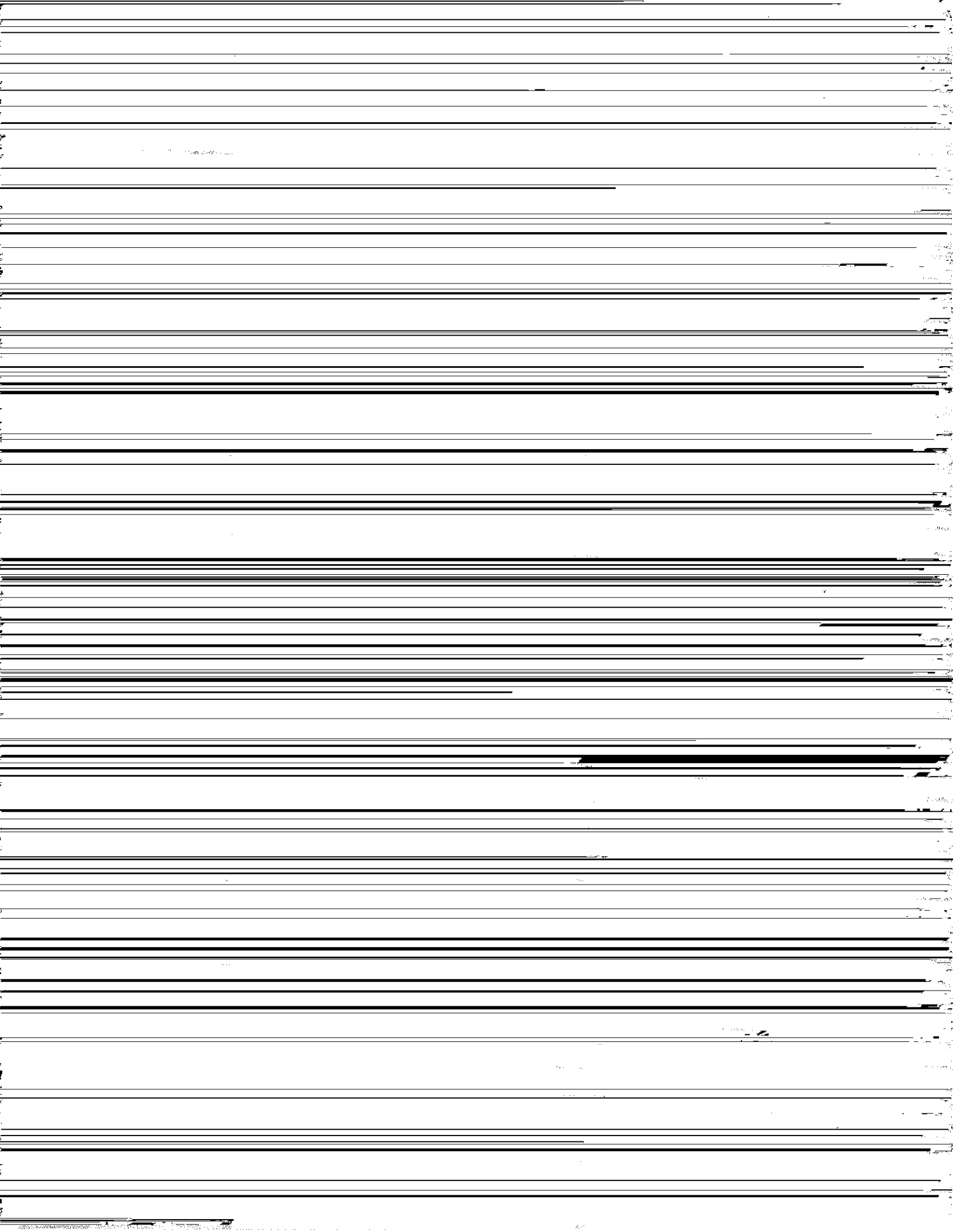


**SARASOTA, FLORIDA**

Prepared For:

**BLASLAND, BOUCK, AND LEE  
TAMPA, FLORIDA**

**MARCH 2006**



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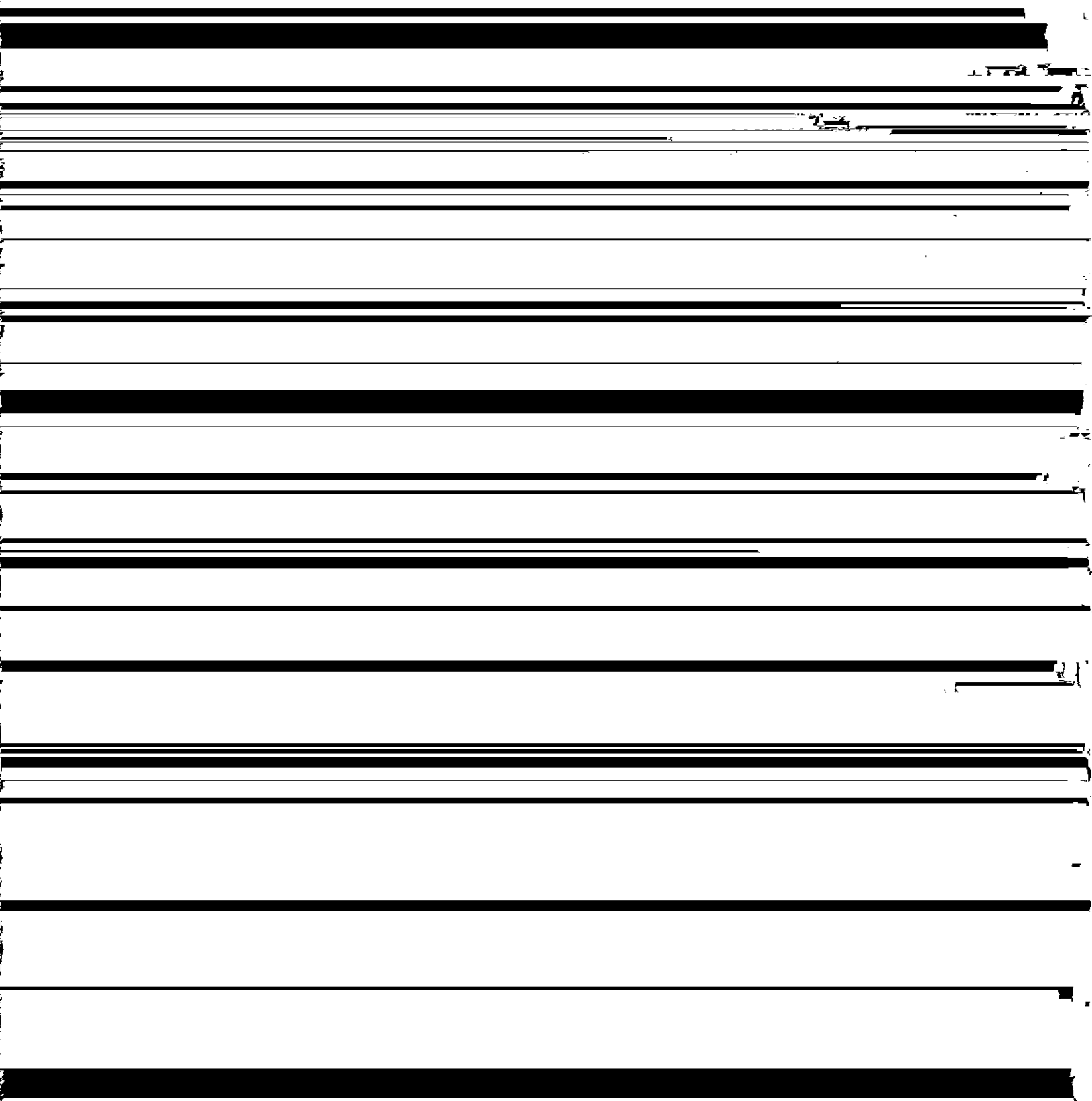
### Figure

- 1 Project Site Location Map
- 2 Site Plan showing Approximate Locations of GPR Transect Lines and Results
- 3 EM61 Contour Map – Outside of Building
- 4 EM61 Contour Map – Room G
- 5 GPR Transect C
- 6 GPR Transect E'

surveyed area is outside of the building. The entire surveyed area is covered by concrete slab.

are usually distinguished from other features such as buried USTs or

underground tanks by the absence of the GPK reflector associated with



TO: [REDACTED] FROM: [REDACTED]



... the software processes the spatial aspect of investigation and reduction of the data to determine the presence of buried metal objects.

The GPR data were printed on a continuous computer screen display during the investigation. The GPR data were also saved to the hard drive of

the unit and transferred to a PC for further data reduction.

### 2.2.3 Time-Domain Electromagnetics

... the survey was performed by the field geophysicist pulling the equipment throughout the accessible areas of the project site along

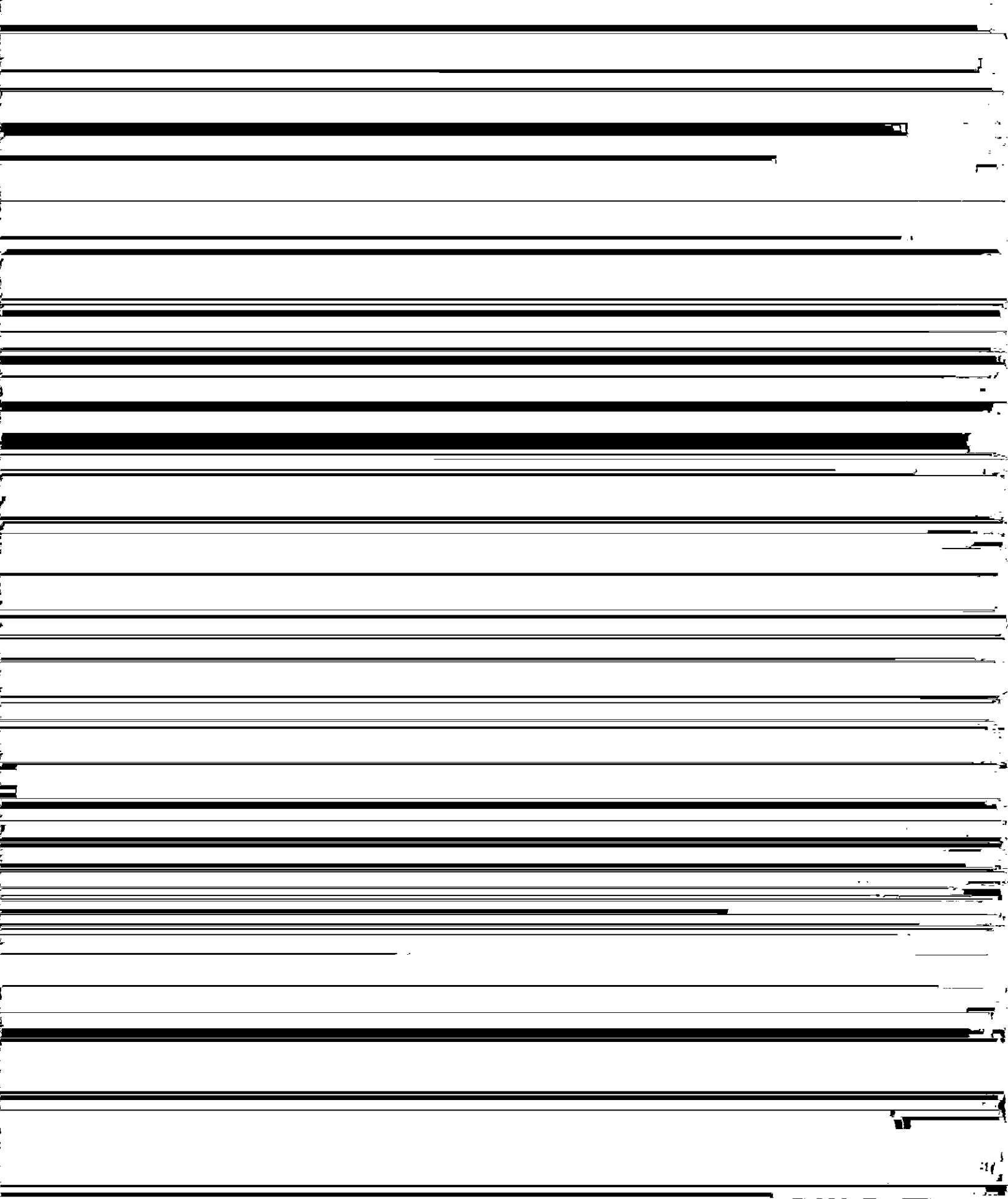
previously established parallel transect lines. The data were collected at 7-inch intervals along each of the transect lines.

features were also detected within Room H, however, these appear to be associated with pipes and water supply lines located therein.

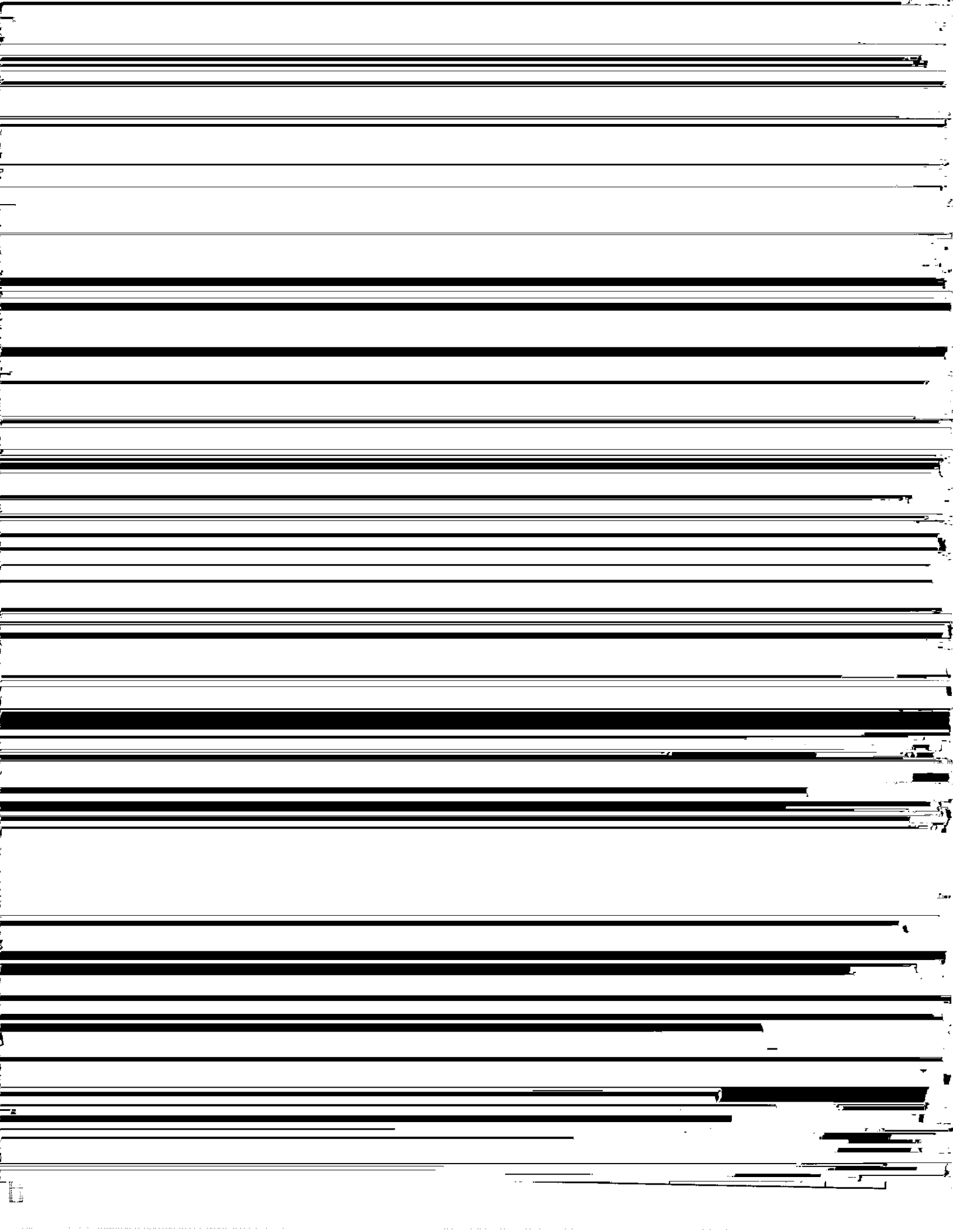
included or intended.

## FIGURES





		DRAWN BY: KAH	DATE: 03/30/06	
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DESIGNED BY: [REDACTED]  
CHECKED BY: SBU  
DRAWN BY: KAH

PROJECT NO: 3014/98  
DRAWING NO.: 4798-3  
DATE: 03/29/06

FIGURE  
3



TAMPA, FLORIDA



DESIGNED BY: JS  
CHECKED BY: SBU  
DRAWN BY: KAH

PROJECT NO: 3014798  
DRAWING NO: 4798-4  
DATE: 03/29/06

FIGURE  
4



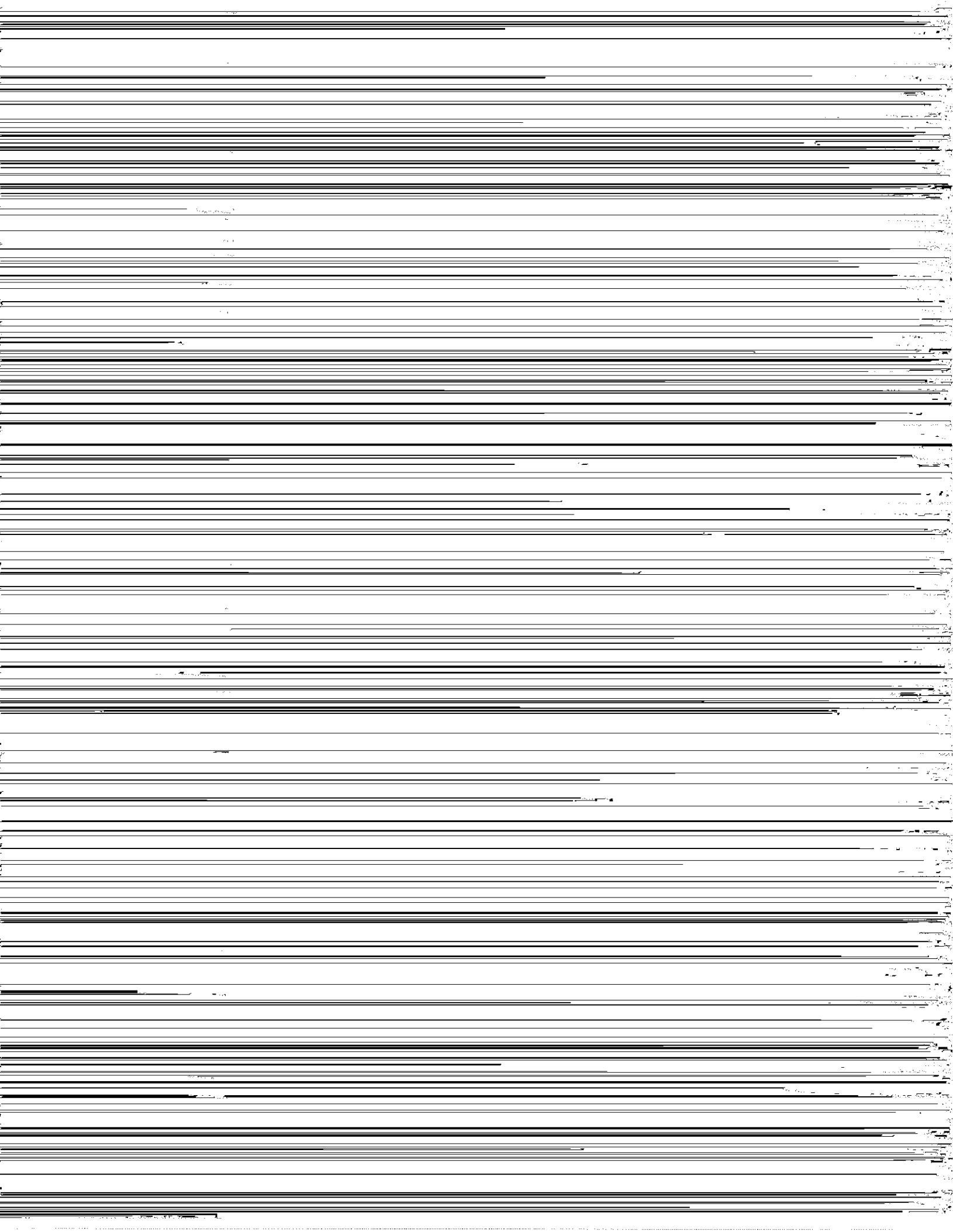
		DRAWN BY:	KAH	DATE:	03/29/06	
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**Attachment 2**

SDII Geophysical Investigation

May 12, 2006



**FINAL REPORT  
GEOPHYSICAL INVESTIGATION  
TALLEVAST ROAD SITE  
SARASOTA, FLORIDA**

Prepared For:

**BLASLAND, BOUCK, AND LEE**





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# LIST OF FIGURES

## Figure

- 1 Project Site Location Map
- 2 Site Plan showing Approximate Locations of GPR Transect Lines and Results

underground surface by the absence of the GPR response associated with the buried object on successive parallel transect lines. The absence of the

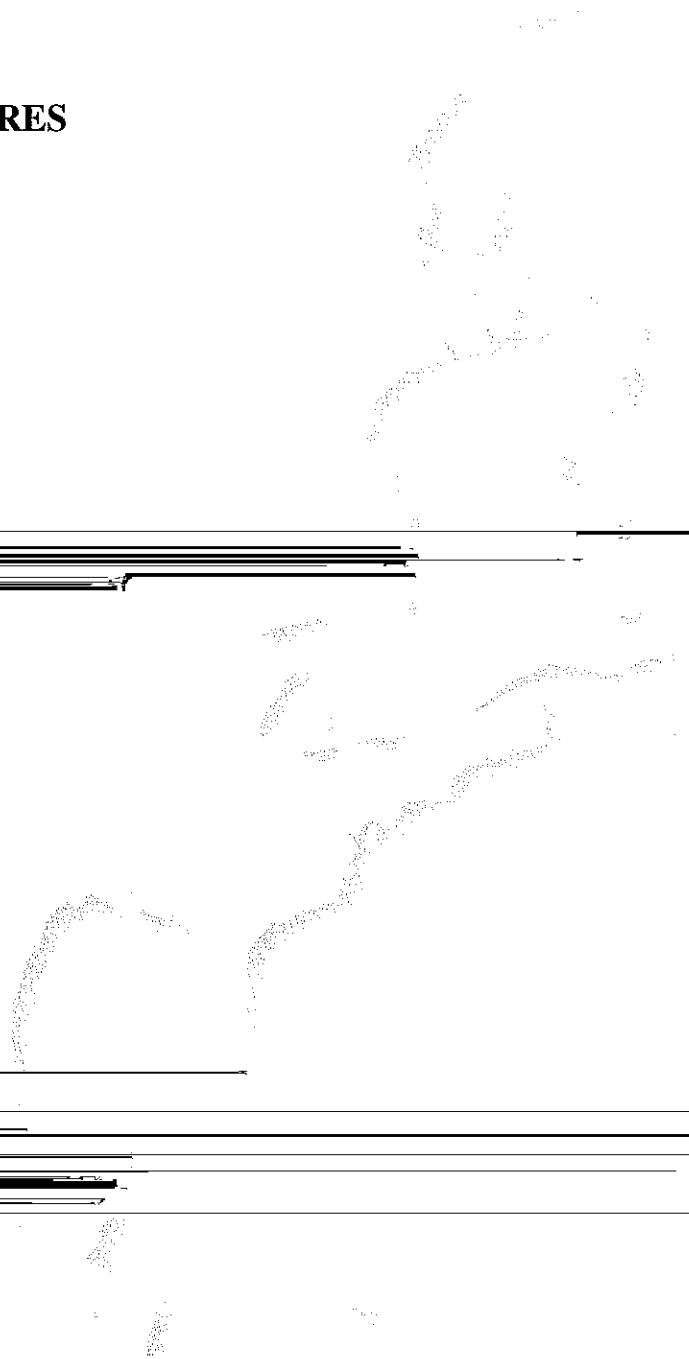
by concrete slab, with the exception of several holes recently cut through the slab by BBL.

During the investigation, the GPR data were also saved to the hard drive of the unit and transferred to a PC for further data reduction.

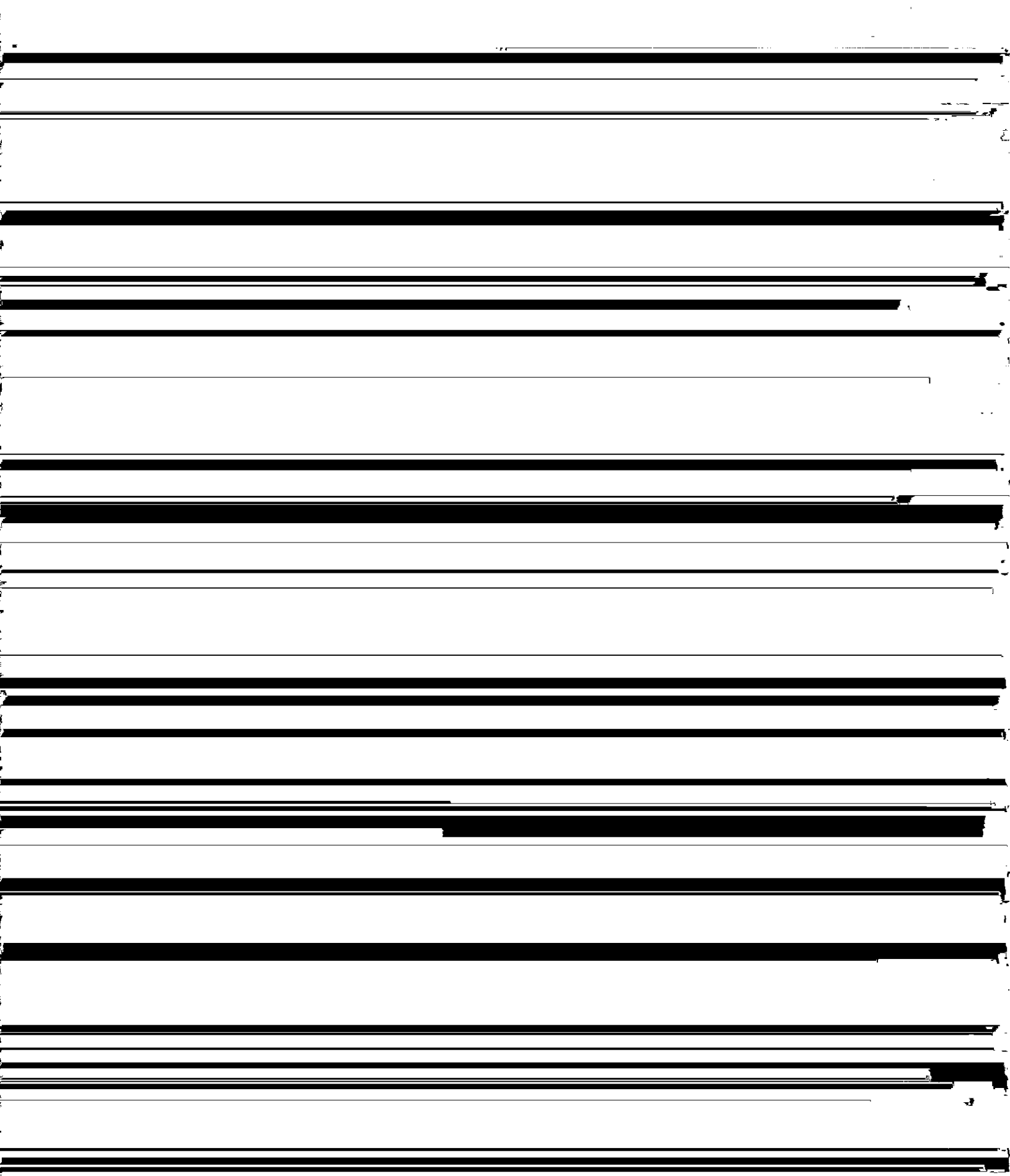
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evaluation rendered in this report meets the standards of care of our profession. No other warranty or representation, expressed or implied, is included or intended.

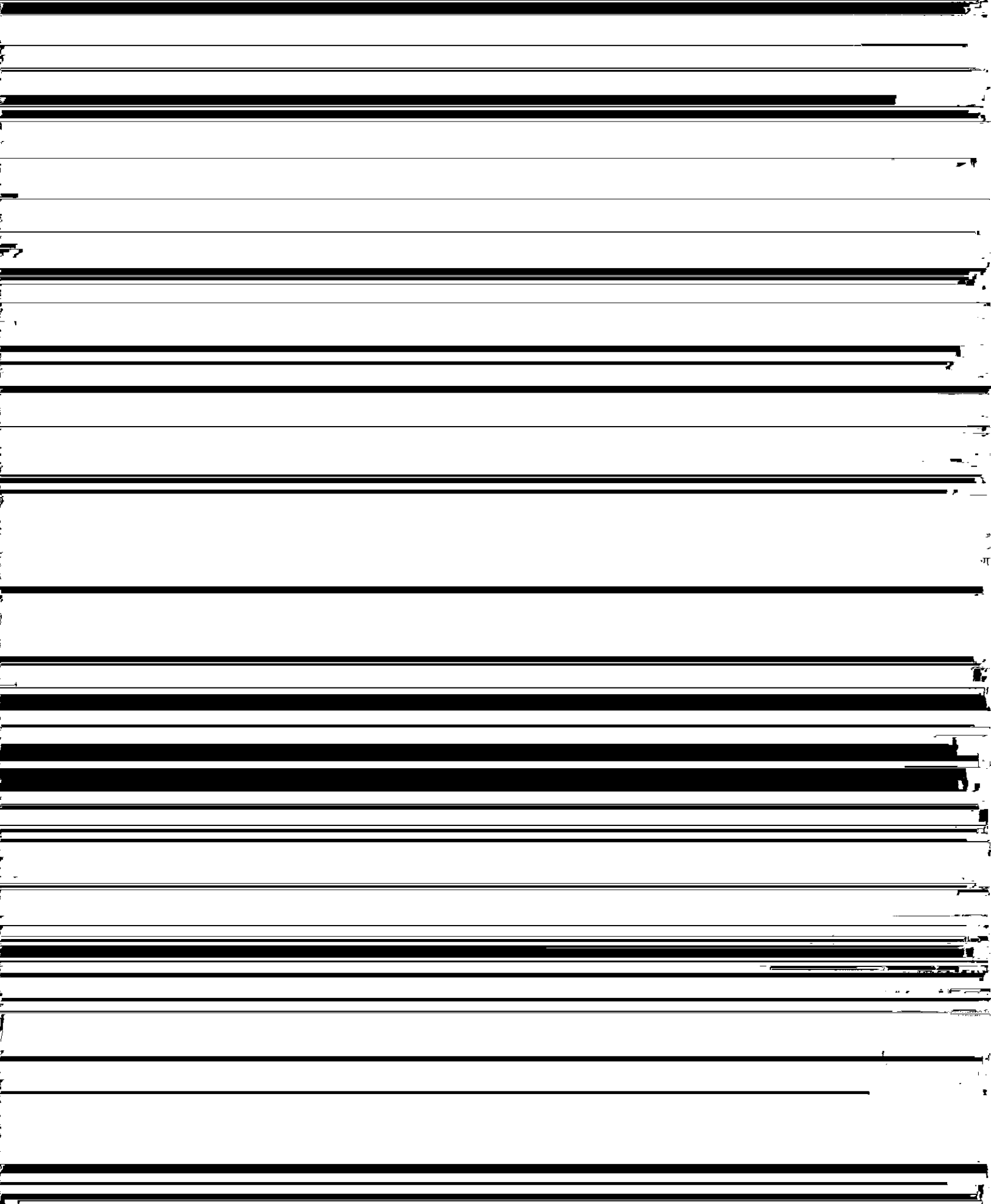
**FIGURES**







		DESIGNED BY: JB CHECKED BY: SBU DRAWN BY: KAH	PROJECTION: 3RD ANGLE DRAWING NO.: 4798-1 DATE: 05/11/06	FIGURE <b>1</b>
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**Attachment 3**

Work 2006 Photographs



