

GPS Control Point Recovery Report

Limestone County, AL

Prepared By:



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1 Introduction

1.1 Narrative

A Magnolia River field crew performed GPS control point recovery in and around Limestone County, Alabama in support of county-wide aerial photography. A temporary aerial photo target was then installed on each of the recovered control points.

Initial control recovery operations were conducted between 31Jan13 and 01Feb13. A follow-up recovery operation was performed on 13Feb13 to ensure that the aerial photo targets remained in serviceable condition

2 GPS Control Point Recovery

2.1 Recovered GPS Control Points

The following points were recovered and in good condition:

- 1
- 5
- 10
- 30
- 36
- 40
- 44
- 51
- 57
- 59
- 60
- 63
- 68

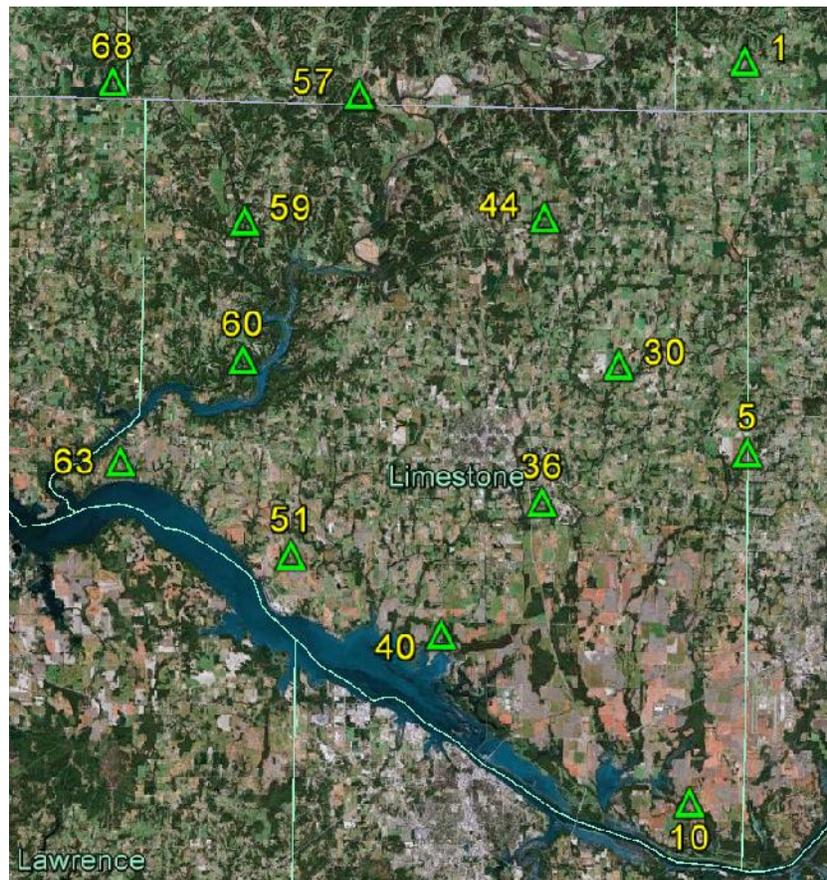


Figure 2.1: Recovered and Targeted GPS Control Points

2.2 Unrecovered GPS Control Points

The following points were not recovered:

- 7 (Destroyed)
- 7 AZ (Mark Not Found)
- 8 (Mark Not Found)
- 9 (Inaccessible due to locked gate)
- 13 (Mark Not Found)
- 73 (Mark Not Found)

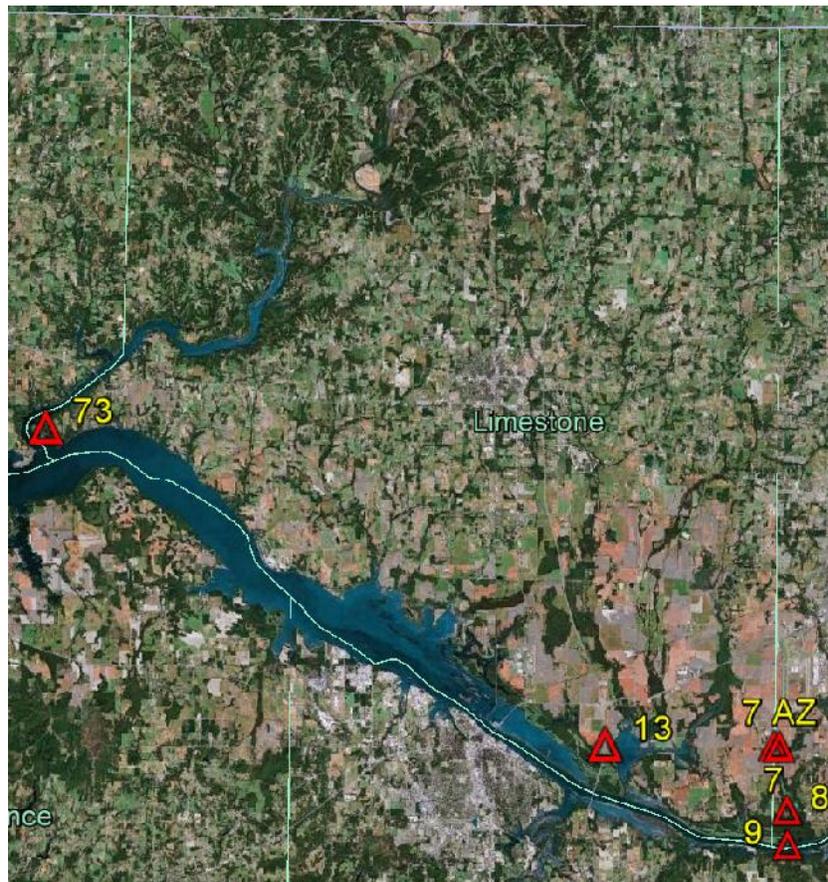


Figure 2.1: Unrecovered GPS Control Points

Station Description Forms & Photographs for can be found in Appendix A.

Appendix A: Station Description Forms & Photographs



MAGNOLIA RIVER GEOSPATIAL, INC.

4975 Bradford Dr., Ste 100, Huntsville, AL 35805
T:(256) 882-7788 F:(256) 882-7774 <http://www.magnolia-river.com>

STATION DESCRIPTION FORM

STATION ID: <u>1</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone County, AL</u>	CITY: <u>Taft</u>
JOB #: <u>20857</u>	COUNTY: <u>Lincoln</u>
OBSERVER: <u>R. Huey</u>	STATE: <u>Tennessee</u>
LAT. (N): <u>35°01'14.973"N</u>	LONG (W): <u>86°47'10.677"W</u>

LOCATION MAP



TOP VIEW



HORIZON VIEW (North at Top)



NOTE:

MONUMENT RECOVERED IN GOOD CONDITION WITH NO OBSTRUCTIONS.



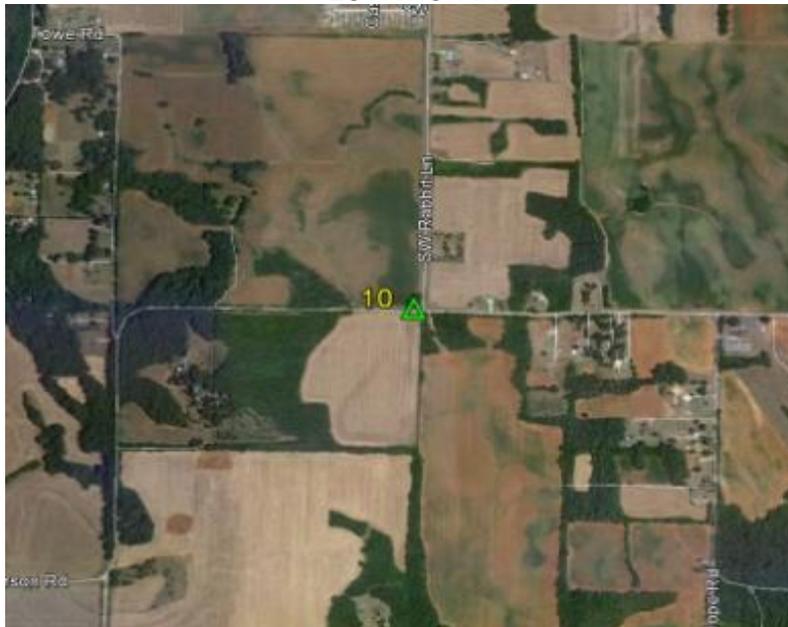
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T:(256) 882-7788 F:(256) 882-7774 <http://www.magnolia-river.com>

STATION DESCRIPTION FORM

STATION ID: <u>10</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone Co.</u>	CITY: <u>Athens</u>
JOB #: <u>20857</u>	COUNTY: <u>Limestone</u>
OBSERVER: <u>S. Greenlee</u>	STATE: <u>AL</u>
LAT. (N): <u>34°35'26.11"N</u>	LONG (W): <u>86°49'35.98"W</u>

LOCATION MAP



TOP VIEW

HORIZON VIEW (North at Top)



DESCRIPTION:

Recovered in good condition. Panel is 0.75" above level of monument.



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STATION DESCRIPTION FORM

STATION ID: <u>30</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone County, AL</u>	CITY: <u>Athens</u>
JOB #: <u>20857</u>	COUNTY: <u>Limestone</u>
OBSERVER: <u>R. Huey</u>	STATE: <u>Alabama</u>
LAT. (N): <u>34°50'40.451"N</u>	LONG (W): <u>86°52'33.677"W</u>

LOCATION MAP



TOP VIEW



HORIZON VIEW (North at Top)



NOTE:

MONUMENT RECOVERED IN GOOD CONDITION WITH NO OBSTRUCTIONS.



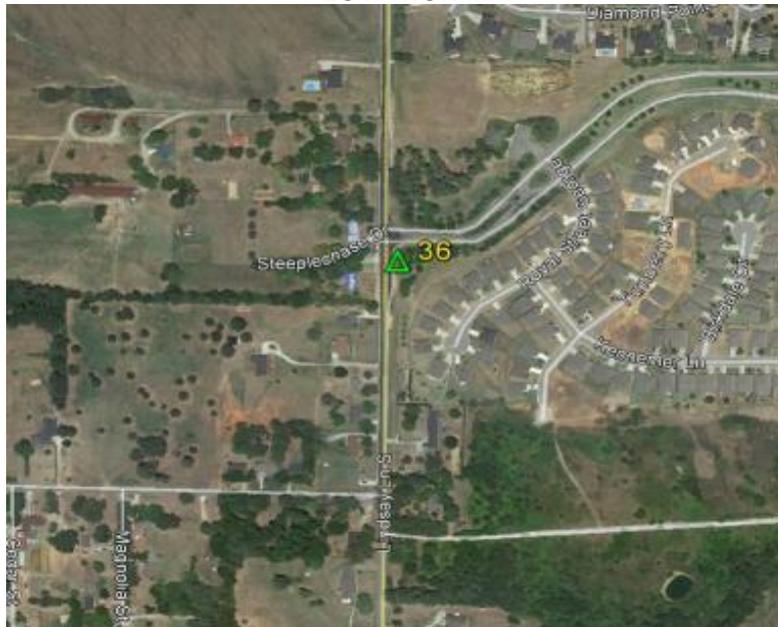
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T:(256) 882-7788 F:(256) 882-7774 <http://www.magnolia-river.com>

STATION DESCRIPTION FORM

STATION ID: <u>36</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone Co.</u>	CITY: <u>Athens</u>
JOB #: <u>20857</u>	COUNTY: <u>Limestone</u>
OBSERVER: <u>S. Greenlee</u>	STATE: <u>AL</u>
LAT. (N): <u>34°45'55.47"N</u>	LONG (W): <u>86°55'49.68"W</u>

LOCATION MAP



TOP VIEW

HORIZON VIEW (North at Top)



DESCRIPTION:

Recovered in good condition. Panel is 0.5" above level of monument.



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STATION DESCRIPTION FORM

STATION ID: <u>40</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone Co.</u>	CITY: <u>Athens</u>
JOB #: <u>20857</u>	COUNTY: <u>Limestone</u>
OBSERVER: <u>S. Greenlee</u>	STATE: <u>AL</u>
LAT. (N): <u>34°41'18.84"N</u>	LONG (W): <u>87° 0'5.64"W</u>

LOCATION MAP



TOP VIEW

HORIZON VIEW (North at Top)



DESCRIPTION:

Recovered in good condition. Panel is 0.25" above level of monument.



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STATION DESCRIPTION FORM

STATION ID: <u>44</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone County, AL</u>	CITY: <u>Elkmont</u>
JOB #: <u>20857</u>	COUNTY: <u>Limestone</u>
OBSERVER: <u>R. Huey</u>	STATE: <u>Alabama</u>
LAT. (N): <u>34°55'44.441"N</u>	LONG (W): <u>86°55'42.316"W</u>

LOCATION MAP



TOP VIEW



HORIZON VIEW (North at Top)



NOTE:

MONUMENT RECOVERED IN GOOD CONDITION WITH NO OBSTRUCTIONS.



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STATION DESCRIPTION FORM

STATION ID: <u>5</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone County, AL</u>	CITY: <u>Harvest</u>
JOB #: <u>20857</u>	COUNTY: <u>Madison</u>
OBSERVER: <u>R. Huey</u>	STATE: <u>Alabama</u>
LAT. (N): <u>34°47'37.232"N</u>	LONG (W): <u>86°47'07.539"W</u>

LOCATION MAP



TOP VIEW



HORIZON VIEW (North at Top)



NOTE:

MONUMENT RECOVERED IN GOOD CONDITION WITH NO OBSTRUCTIONS.



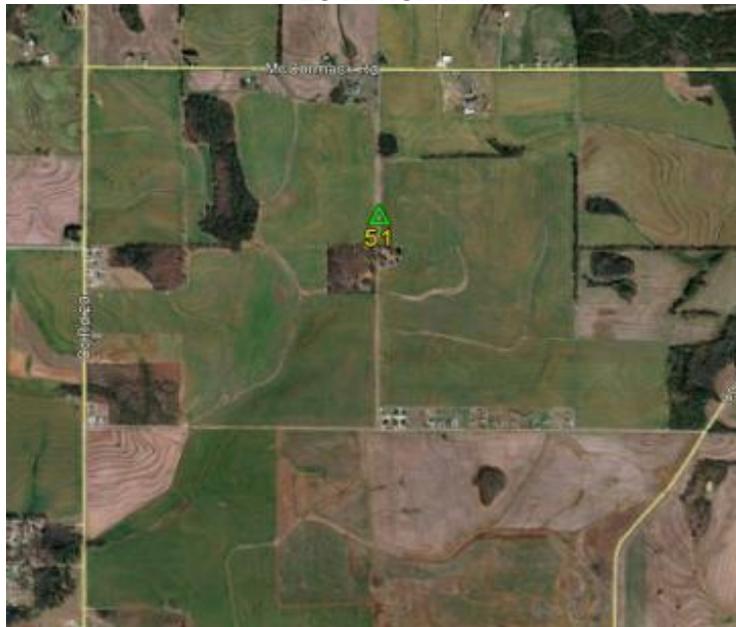
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T:(256) 882-7788 F:(256) 882-7774 <http://www.magnolia-river.com>

STATION DESCRIPTION FORM

STATION ID: <u>51</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone Co.</u>	CITY: <u>Athens</u>
JOB #: <u>20857</u>	COUNTY: <u>Limestone</u>
OBSERVER: <u>S. Greenlee</u>	STATE: <u>AL</u>
LAT. (N): <u>34°44'4.53"N</u>	LONG (W): <u>87° 6'27.95"W</u>

LOCATION MAP



TOP VIEW

HORIZON VIEW (North at Top)



DESCRIPTION:

Recovered in good condition. Panel is 0.25" above level of monument.



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STATION DESCRIPTION FORM

STATION ID: <u>57</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone County, AL</u>	CITY: <u>Prospect</u>
JOB #: <u>20857</u>	COUNTY: <u>Giles</u>
OBSERVER: <u>R. Huey</u>	STATE: <u>Tennessee</u>
LAT. (N): <u>35°00'07.033"N</u>	LONG (W): <u>87°03'34.294"W</u>

LOCATION MAP



TOP VIEW



HORIZON VIEW (North at Top)



NOTE:

MONUMENT RECOVERED IN GOOD CONDITION WITH NO OBSTRUCTIONS.



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STATION DESCRIPTION FORM

STATION ID: <u>59</u>	DATE: <u>1-Feb-13</u>
CLIENT: <u>Limestone County, AL</u>	CITY: <u>Salem</u>
JOB #: <u>20857</u>	COUNTY: <u>Limestone</u>
OBSERVER: <u>R. Huey</u>	STATE: <u>Alabama</u>
LAT. (N): <u>34°55'42.768"N</u>	LONG (W): <u>87°08'25.748"W</u>

LOCATION MAP



TOP VIEW



HORIZON VIEW (North at Top)



NOTE:

MONUMENT RECOVERED IN GOOD CONDITION WITH NO OBSTRUCTIONS.



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STATION DESCRIPTION FORM

STATION ID: <u>60</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone County, AL</u>	CITY: <u>Athens</u>
JOB #: <u>20857</u>	COUNTY: <u>Limestone</u>
OBSERVER: <u>R. Huey</u>	STATE: <u>Alabama</u>
LAT. (N): <u>34°50'53.062"N</u>	LONG (W): <u>87°08'29.730"W</u>

LOCATION MAP



TOP VIEW



HORIZON VIEW (North at Top)



NOTE:

MONUMENT RECOVERED IN GOOD CONDITION WITH NO OBSTRUCTIONS.



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STATION DESCRIPTION FORM

STATION ID: <u>63</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone Co.</u>	CITY: <u>Athens</u>
JOB #: <u>20857</u>	COUNTY: <u>Limestone</u>
OBSERVER: <u>S. Greenlee</u>	STATE: <u>AL</u>
LAT. (N): <u>34°47'19.32"N</u>	LONG (W): <u>87°13'41.78"W</u>

LOCATION MAP



TOP VIEW

HORIZON VIEW (North at Top)



DESCRIPTION:

Recovered in good condition. Panel is 0.75" above level of monument.



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STATION DESCRIPTION FORM

STATION ID: <u>68</u>	DATE: <u>1-Feb-13</u>
CLIENT: <u>Limestone County, AL</u>	CITY: <u>Five Points</u>
JOB #: <u>20857</u>	COUNTY: <u>Lawrence</u>
OBSERVER: <u>R. Huey</u>	STATE: <u>Tennessee</u>
LAT. (N): <u>35°00'33.807"N</u>	LONG (W): <u>87°14'02.838"W</u>

LOCATION MAP



TOP VIEW



HORIZON VIEW (North at Top)



NOTE:

MONUMENT RECOVERED IN GOOD CONDITION WITH NO OBSTRUCTIONS.



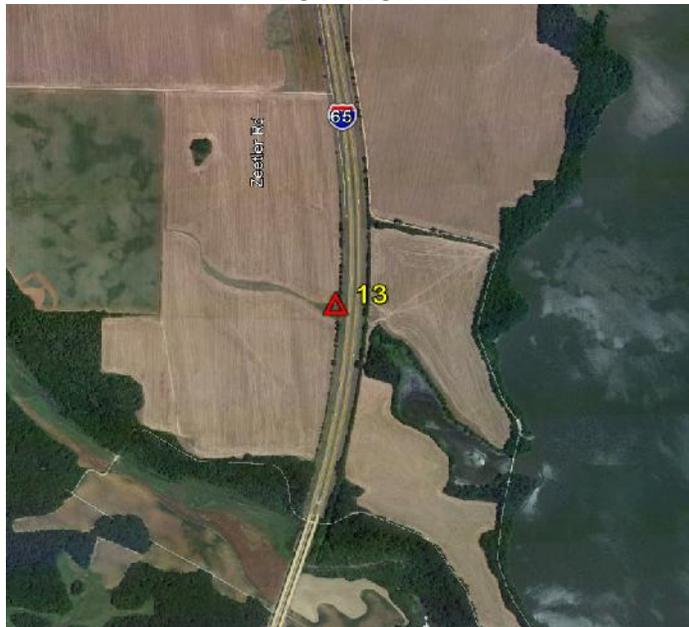
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STATION DESCRIPTION FORM

STATION ID: <u>13</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone County, AL</u>	CITY: <u>Athens</u>
JOB #: <u>20857</u>	COUNTY: <u>Limestone</u>
OBSERVER: <u>S. Greenlee</u>	STATE: <u>Alabama</u>
LAT. (N): <u>34°36'22.76"N</u>	LONG (W): <u>86°53'55.96"W</u>

LOCATION MAP



TOP VIEW

HORIZON VIEW (North at Top)

NOTE:

MARK NOT FOUND



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STATION DESCRIPTION FORM

STATION ID: <u>73</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone County, AL</u>	CITY: <u>Athens</u>
JOB #: <u>20857</u>	COUNTY: <u>Limestone</u>
OBSERVER: <u>S. Greenlee</u>	STATE: <u>Alabama</u>
LAT. (N): <u>34°46'37.23"N</u>	LONG (W): <u>87°15'55.65"W</u>

LOCATION MAP



TOP VIEW

HORIZON VIEW (North at Top)

NOTE:

MARK NOT FOUND



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STATION DESCRIPTION FORM

STATION ID: <u>7</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone Co.</u>	CITY: <u>Madison</u>
JOB #: <u>20857</u>	COUNTY: <u>Madison</u>
OBSERVER: <u>S. Greenlee</u>	STATE: <u>AL</u>
LAT. (N): <u>34°36'18.91"N</u>	LONG (W): <u>86°47'17.63"W</u>

LOCATION MAP



TOP VIEW

HORIZON VIEW (North at Top)



DESCRIPTION:

Mark found but disk has been sheared off the top of the concrete post.



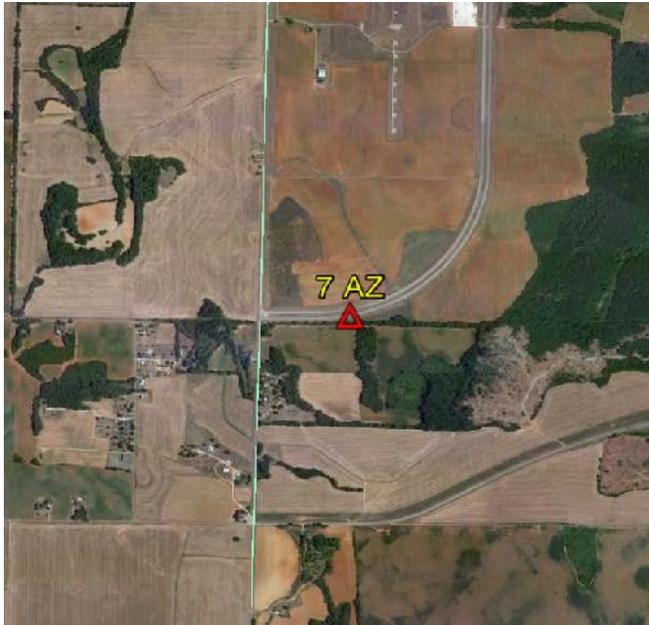
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STATION DESCRIPTION FORM

STATION ID: <u>7 AZ</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone County, AL</u>	CITY: <u>Madison</u>
JOB #: <u>20857</u>	COUNTY: <u>Madison</u>
OBSERVER: <u>S. Greenlee</u>	STATE: <u>Alabama</u>
LAT. (N): <u>34°36'17.34"N</u>	LONG (W): <u>86°47'5.02"W</u>

LOCATION MAP



TOP VIEW

HORIZON VIEW (North at Top)

NOTE:

MARK NOT FOUND



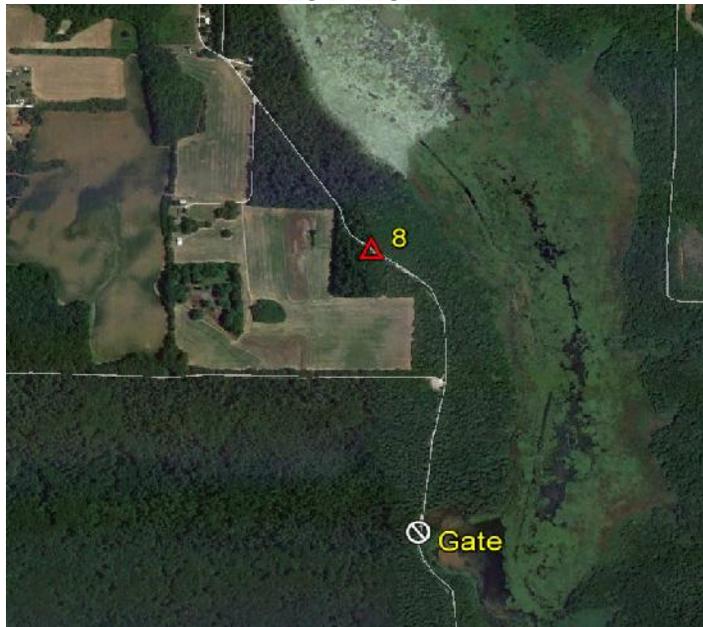
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STATION DESCRIPTION FORM

STATION ID: <u>8</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone County, AL</u>	CITY: <u>Madison</u>
JOB #: <u>20857</u>	COUNTY: <u>Madison</u>
OBSERVER: <u>S. Greenlee</u>	STATE: <u>Alabama</u>
LAT. (N): <u>34°34'14.61"N</u>	LONG (W): <u>86°46'47.64"W</u>

LOCATION MAP



TOP VIEW

HORIZON VIEW (North at Top)

NOTE:

MARK NOT FOUND



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STATION DESCRIPTION FORM

STATION ID: <u>9</u>	DATE: <u>31-Jan-13</u>
CLIENT: <u>Limestone County, AL</u>	CITY: <u>Madison</u>
JOB #: <u>20857</u>	COUNTY: <u>Madison</u>
OBSERVER: <u>S. Greenlee</u>	STATE: <u>Alabama</u>
LAT. (N): <u>34°33'7.40"N</u>	LONG (W): <u>86°46'46.63"W</u>

LOCATION MAP



TOP VIEW

HORIZON VIEW (North at Top)

NOTE:

MARK INACCESSIBLE DUE TO LOCKED GATE