

2007-08 Madisonville, TN Crop Circles and ICCRA Investigative Techniques

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ICCRA - Independent Crop Circle Researchers' Association [International]

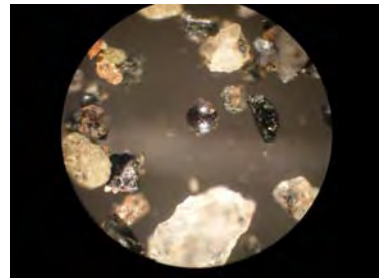
May 14, 2008

ICCRA Methodology and Equipment Used

ICCRA Crop Circle Methodology

LEVEL 1 ANALYSIS - Collect basic, objective information about reported crop circles

- **L-NEAT, Plant/Soil Tests**
- **E-M Readings**
- **Radiation Readings**
- **Magnetometer Readings**
- **Ground Measurements**



“Authentic”
[Not mechanically-made by people]

LEVEL 2 Analysis

Geometric / Symbolic / Diatonic Analysis

Inconclusive
[Not enough evidence to discern]

Man-made
[mechanically constructed]

\$ Commercial Commissions / Land Art

Researcher Experiments

Deceptive Hoaxes



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ICCRA Crop Circle Investigative Techniques

- **L-NEAT Biological Testing Method – Dr. Chuck Leitzau**
 - **Levengood Node Elongation Analysis Test**
 - **Minimum 3 locations; 31 plant samples each + 5 control samples**
 - **Statistical Analysis (Student's T-Test) available online allows for same-day results for testing authenticity**



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- **Radiation Survey**
 - **Gamma-Scout® Ionizing Radiation Detector**
 - Measures alpha, beta, and gamma radiation (exposure rate in $\mu\text{Sv/h}$ [microSieverts] and/or mREMs)
 - Reliable LND712 Geiger-Mueller detector
 - Two Kilobytes on board memory; Integrated USB data transfer port
- The Gamma-Scout® can detect changes in ambient radiation levels with precision below 1%
- The Gamma-Scout® will measure from below ambient radiation level to more than 400 $\mu\text{Sv/hr}$, or 40 mrem/hr. This measures changes to radiation levels that would go virtually undetected with older Civil Defense type counters
- Ultra long life 12 year battery with 10 year battery warranty



ICCRA Crop Circle Investigative Techniques

- **Electric Field / Magnetic Field Survey**
 - **TriField *Natural* Electro-Magnetic Field Detector**
 - Measures Electric Field Strength (Volts/meter)
 - Measures Magnetic Field Strength (microteslas)
 - Measures direct power levels of Radio waves / Microwaves (Watts/Meter³)
- Detects changes in **EXTREMELY** weak static (DC or "natural") electric and magnetic fields
- Designed to ignore powerlines, appliances and other man-made EMF sources, eliminating nearly all false positives and negatives
- Use with or without the additional extra high sensitivity external magnetic coil



ICCRA Crop Circle Investigative Results



August 2003 Hensall, Ontario, Canada

95% of crop circle formations in the USA's Midwest appear near:

- **Power Lines**
 - 85% of formations surveyed - the closest power line pole has a transformer box on it
- **Water (creek, pond, drainage ditch, underground aquifer)**
- **On the downslope or bottom of hill; lowest point of the field**

If ICCRA surveys a site within the first 10 days after the date of formation, oftentimes higher measurements of Radioactivity, Electric and Magnetic Fields are detectable to be present inside the flattened areas (2-10 times higher levels than normal background levels; not harmful or dangerous)

• 65% of formations have been located very close to known Native American mounds and ancient archaeological sites



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2007-2008 Madisonville, Monroe Co., TN

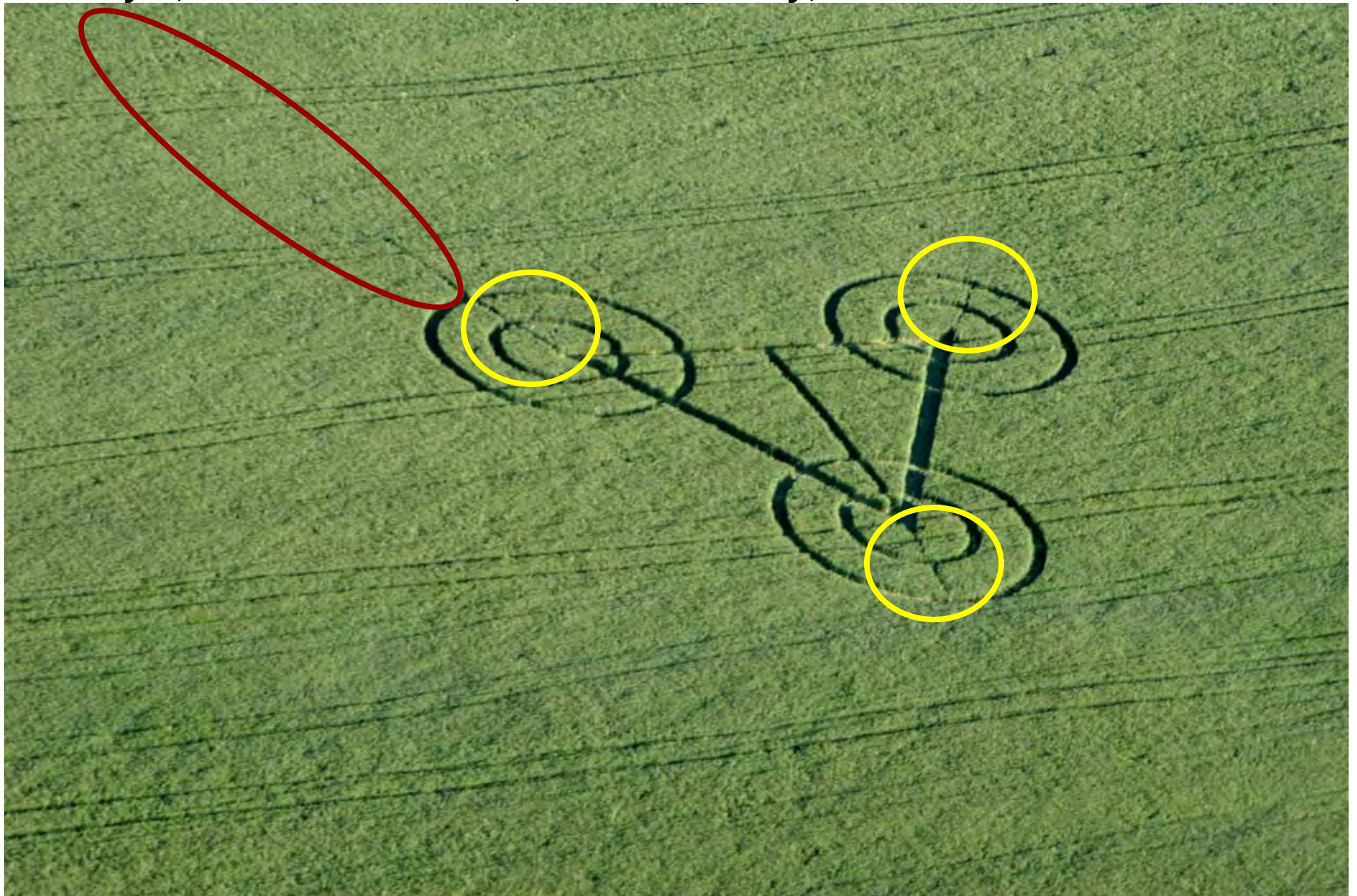
USA 2008 Crop Circle Reports

May 5, 2008 Madisonville, Monroe County, TN



USA 2008 Crop Circle Reports

May 5, 2008 Madisonville, Monroe County, TN



USA 2008 Crop Circle Reports

May 5, 2008 Madisonville, Monroe County, TN



May 5, 2008 Madisonville, Monroe County, TN



- Trail leading into the formation was flattened first; the formation was on top of path
- Pathway was overlaid by the outer ring...
- All the rings showed this effect

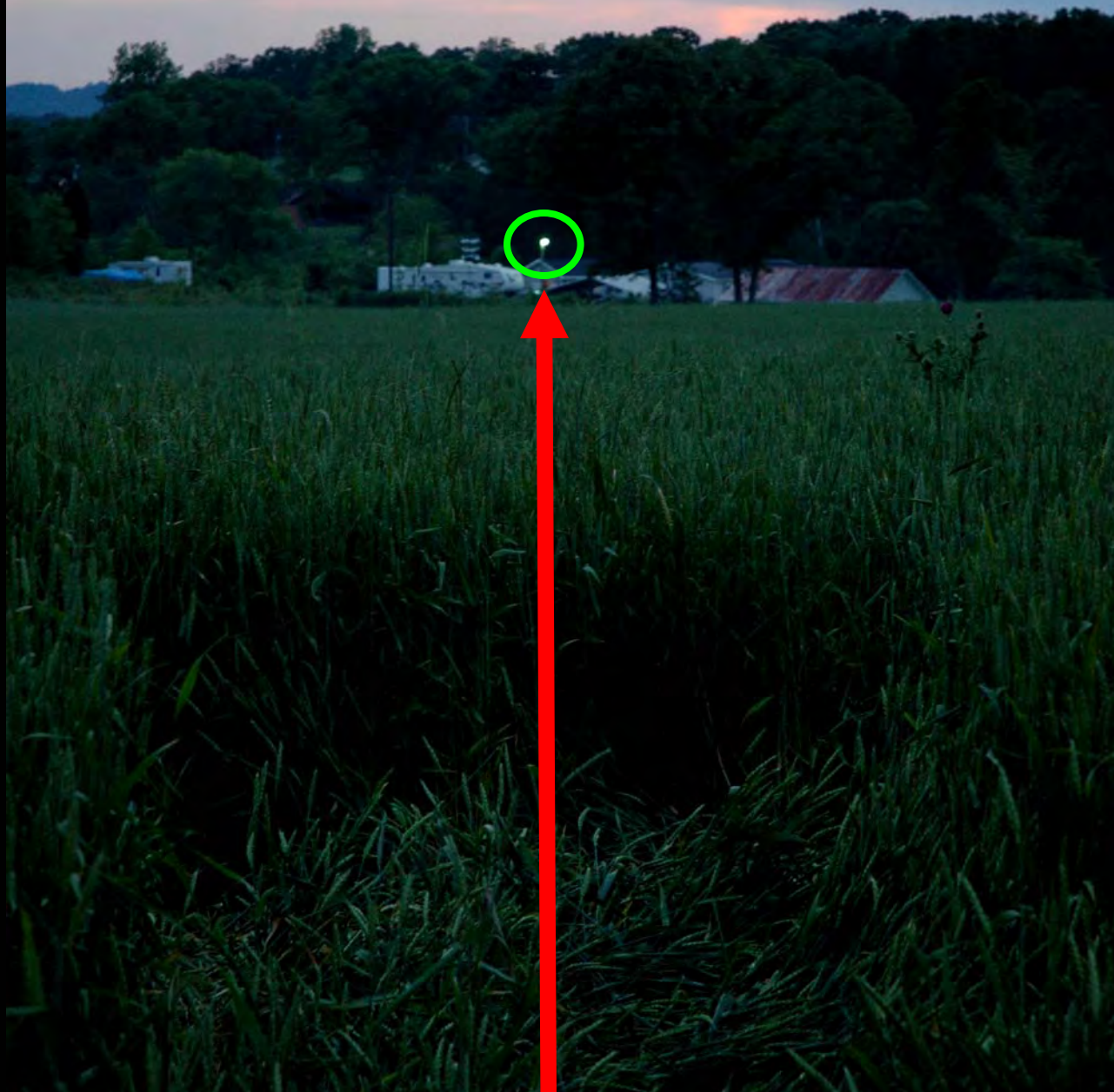


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Triangle Pathways all aligned to ground lights



May 5, 2008 Madisonville, Monroe County, TN



- Pathways were not exactly laid out very straight...



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May 5, 2008 Madisonville, Monroe County, TN SCIENTIFIC TESTS SUMMARY:

- **This year's formation plants had no elongation when compared to control plants (L-NEAT negative).**
- **There was no detectable levels of electric fields, magnetic fields or radio/microwave emission.**
- **There was no increased levels of radioactivity.**

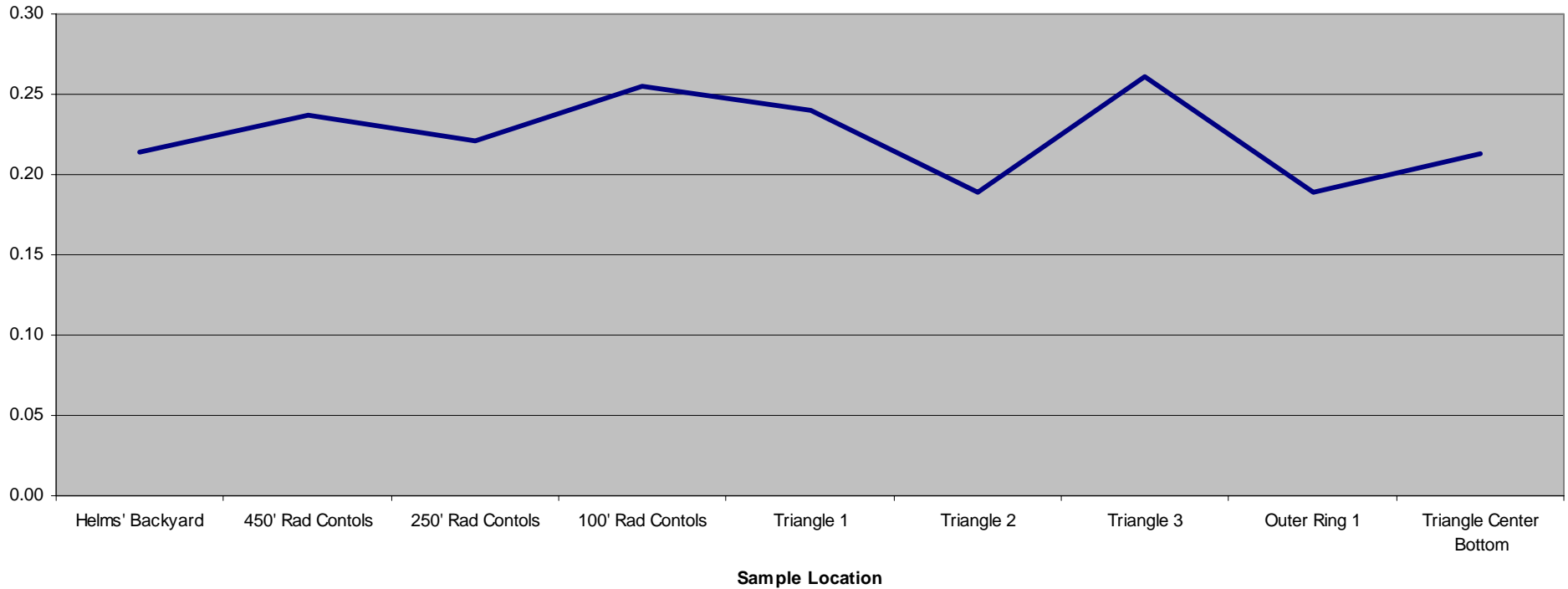


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Madisonville, TN 5-13-2008

GammaScout Radiation Readings (AVG μ Sv / h)



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*Historical Example of an authentic formation
followed by a copycat hoax*

West Union, Ohio 10/25/2003



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- This four-circle, three-ring, three pathway formation was in dry, ripe soybeans, and located on a slope adjacent to a drainage ditch along a busy highway. No obvious mechanical damage found, but because of the time frame between formation and investigation, no firm conclusions could be drawn as to its authentication.
- 8 green plants that still had their stems intact showed the necrotic leaf base damage that we had seen in both the Locust Grove and Bainbridge soybean formations - but without controls to compare against they could not use this as absolute evidence for authenticity



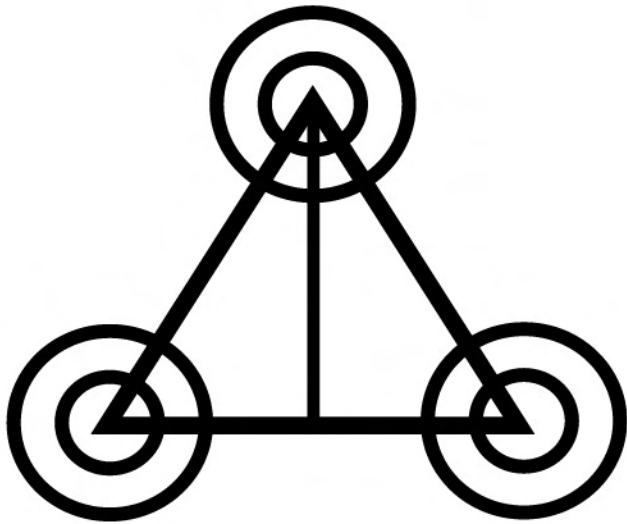
West Union, Ohio

July 2004

- **Hoaxed formation found less than 100 ft from 2003 formation.**
- **Mechanical damage (broken stalks) throughout the entire formation**
- **Pathways aligned to ground objects (poles)**
- **Central axial holes found partially filled in**
- **No anomalous meter readings**

USA 2008 Crop Circle Reports

May 5, 2008 Madisonville, Monroe County, TN



- Not an original design?
- Very simple design to construct in the field



Santa Rosa, Sonoma County. CA 4-1995



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May 16, 2007 Madisonville

USA 2007 Crop Circle Reports

**May 16, 2007 Madisonville,
Monroe County, TN**

- **Double, overlapping “Celtic Cross” design**
- **All circles were swirled counter-clockwise in wheat ranging in size of 23-45 feet in diameter; swirled centers were ‘off-center’**
- **Detected increased radioactivity, E-M fields, and was L-NEAT positive for node elongation**
- **There were no tramlines in the field, and when first reported, there were no tracks leading into the formation**
- **Located in an area of unusual number of geologic features such as springs, caverns, and faultlines**
- **Located in an area of ancient Native American sites**
- **Investigated on-site by several members of the ICCRA**



Photo courtesy: Mark Boring, *Monroe County Buzz*



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Earlier Reports of Celtic Cross-type formations in North America:



Aloha, Oregon 6-14-1994



Adna, Washington 10-16-1994



Allen County, Ohio 6-1999



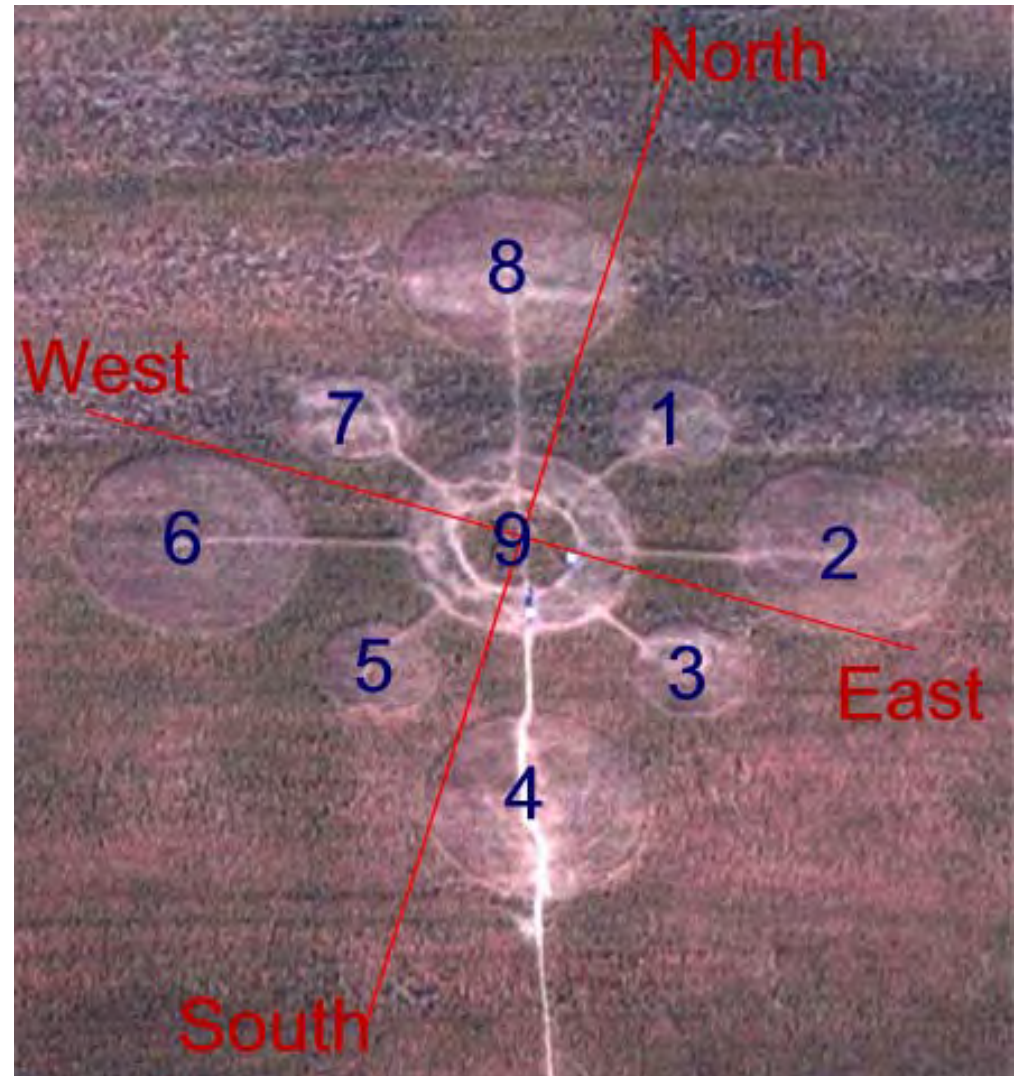
Howick, Quebec 8-3-2002

USA 2007 Crop Circle Reports

May 16, 2007 Madisonville, Monroe County, TN

- Over 900 formation nodes and over 600 control sample nodes were measured and recorded
- Largest AVG node sizes: Circle 6
Node 3 = 4.80mm
Control 4 (200ft) Node 3 = 2.64mm
- L-Neat report ran to 45 pages of statistics
- Summary: Node 1, Node 2, and Node 3 from all circles' samples tested positive for node elongation vs. control samples taken from up to 500 ft. away
- Expulsion cavities were found in some circle 3 samples

Formation Key:

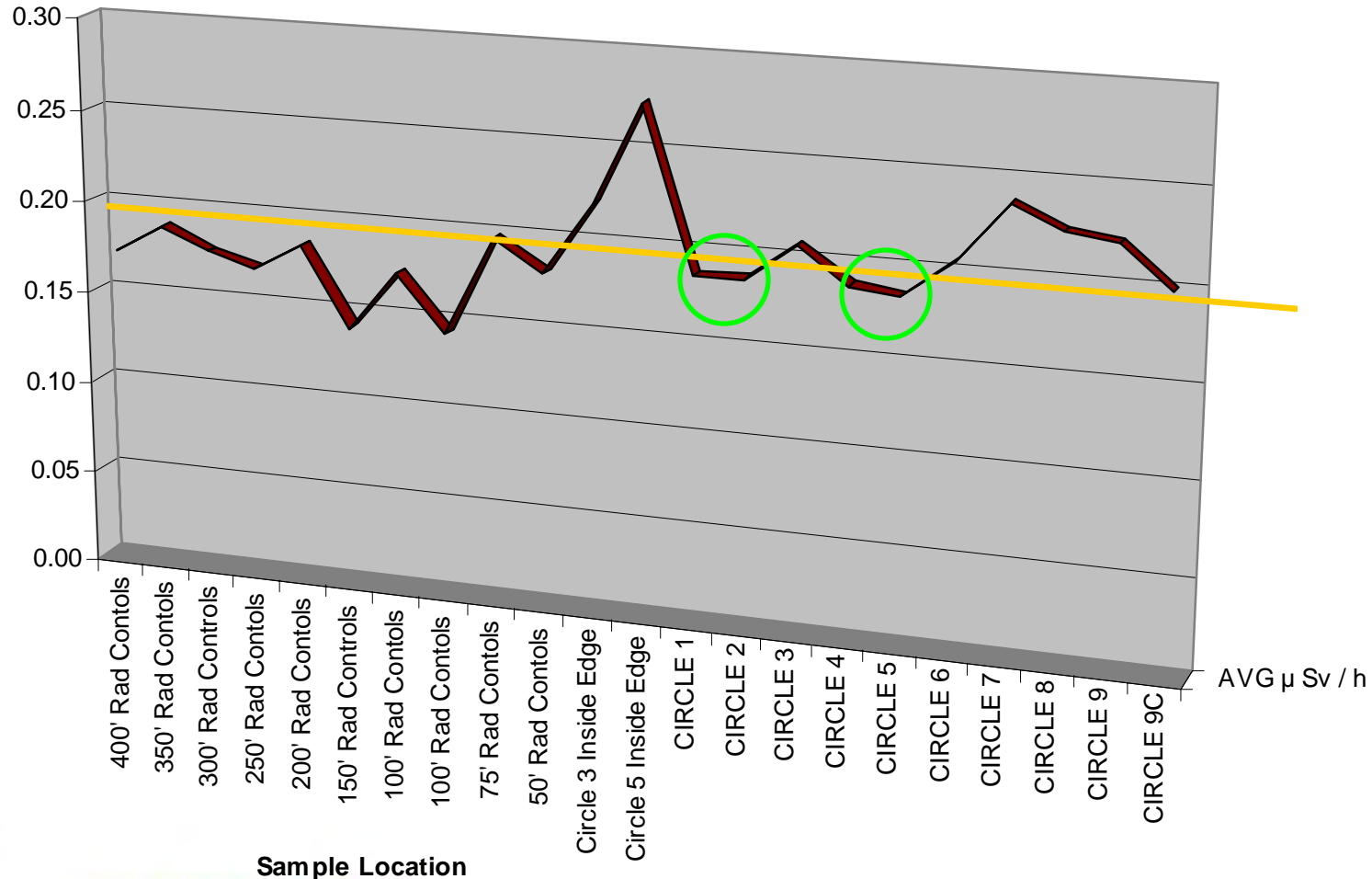


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USA 2007 Crop Circle Reports

Madisonville, TN 5-26-2007

GammaScout Radiation Readings (AVG μ Sv / h)



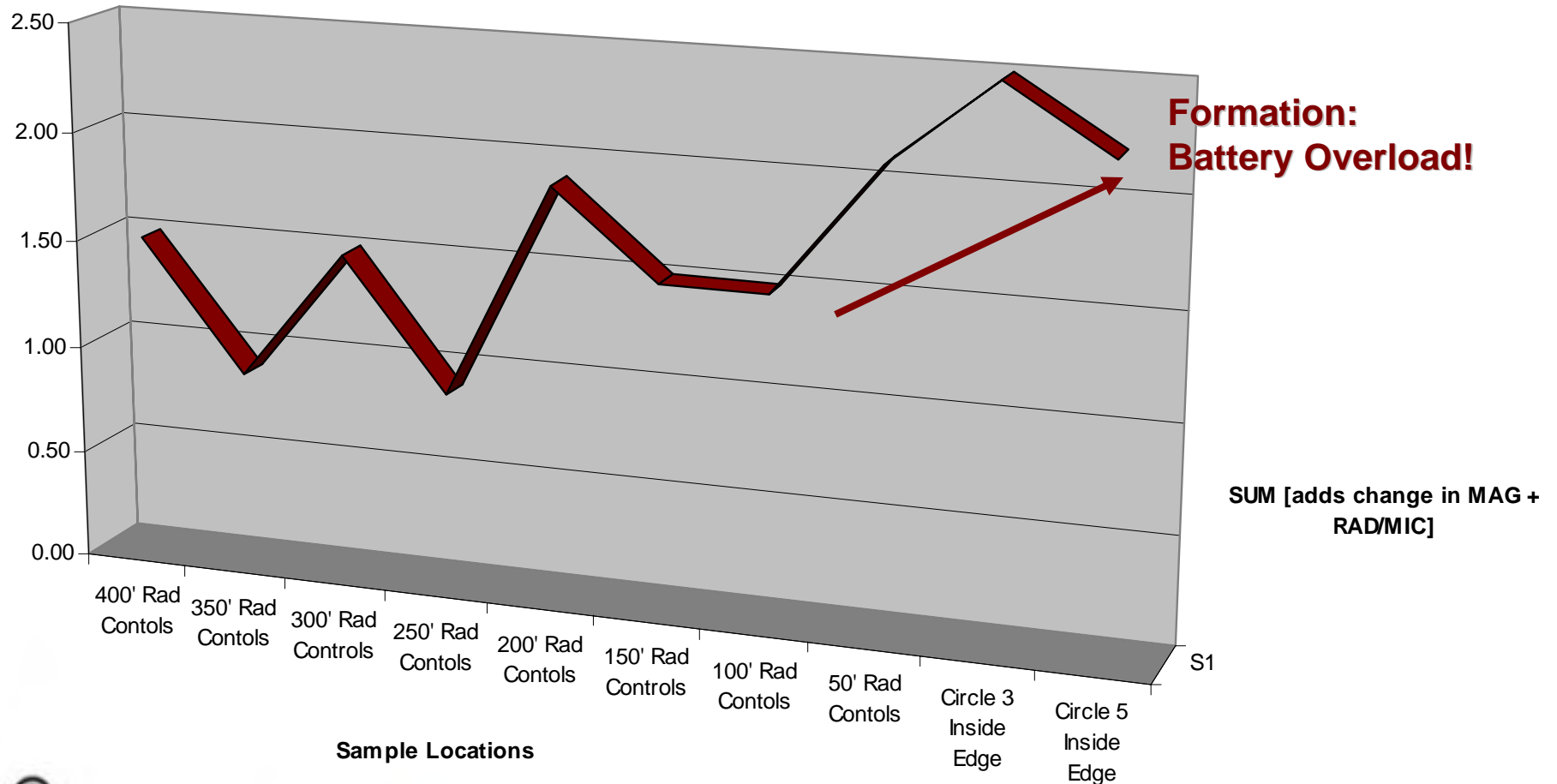
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USA 2007 Crop Circle Reports

Madisonville, TN 5-27-2007

TriField Natural E-M Meter - SUM Measurements



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May 16, 2007 Madisonville, Monroe County, TN



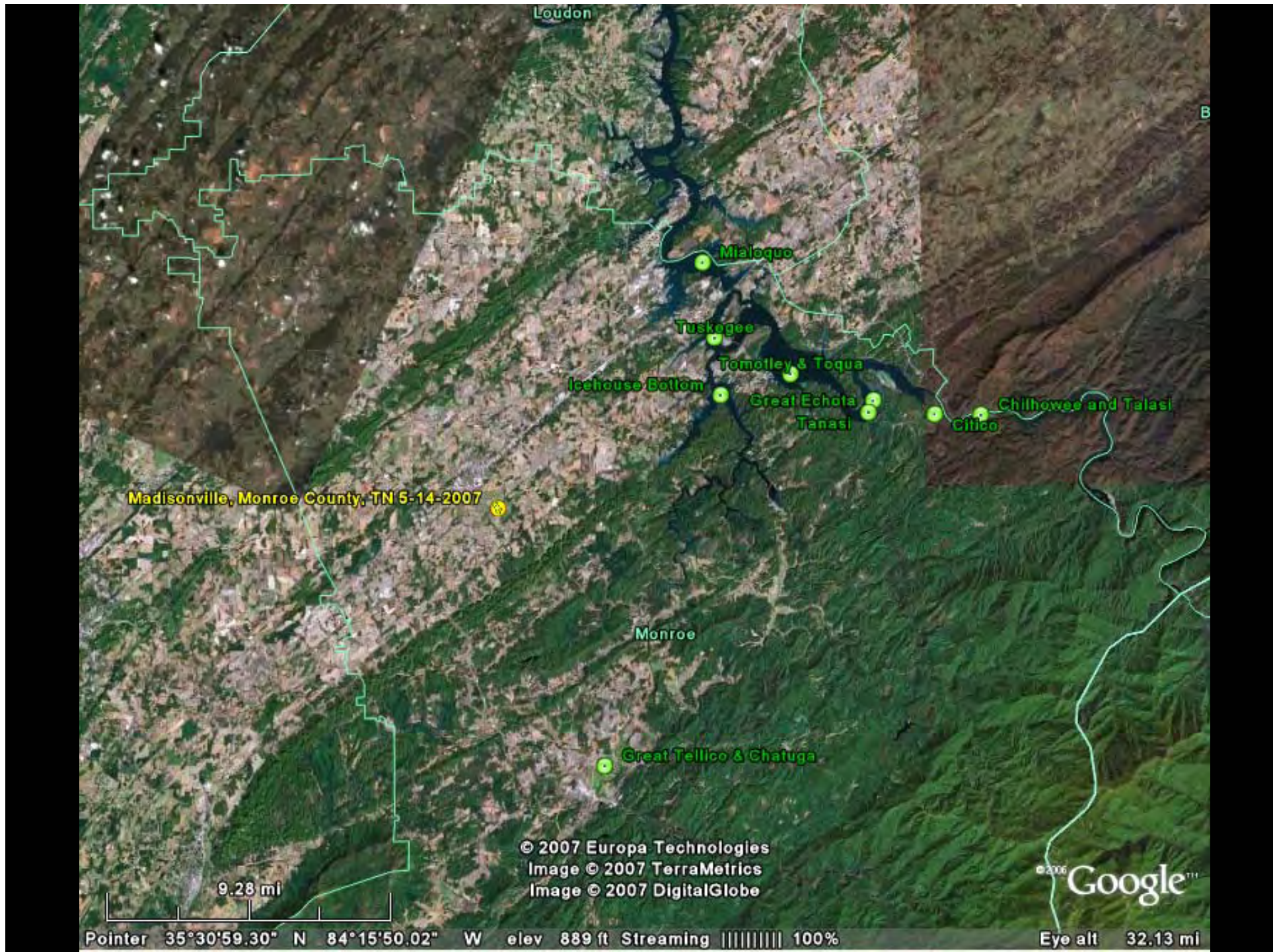
- Swirled centers were not in the same place as the geometric centers – some off by as much as 4-8 feet

- Complex layers, and woven plants found in all the circles



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Loudon

B

Mialoquo

Tuskegee

Tomolley & Toqua

Icehouse Bottom

Great Echota

Tanasi

Citlico

Chillhowee and Talasi

Madisonville, Monroe County, TN 5-14-2007

Monroe

Great Tellico & Chatuga

© 2007 Europa Technologies
Image © 2007 TerraMetrics
Image © 2007 DigitalGlobe

© 2006 Google™

9.28 mi

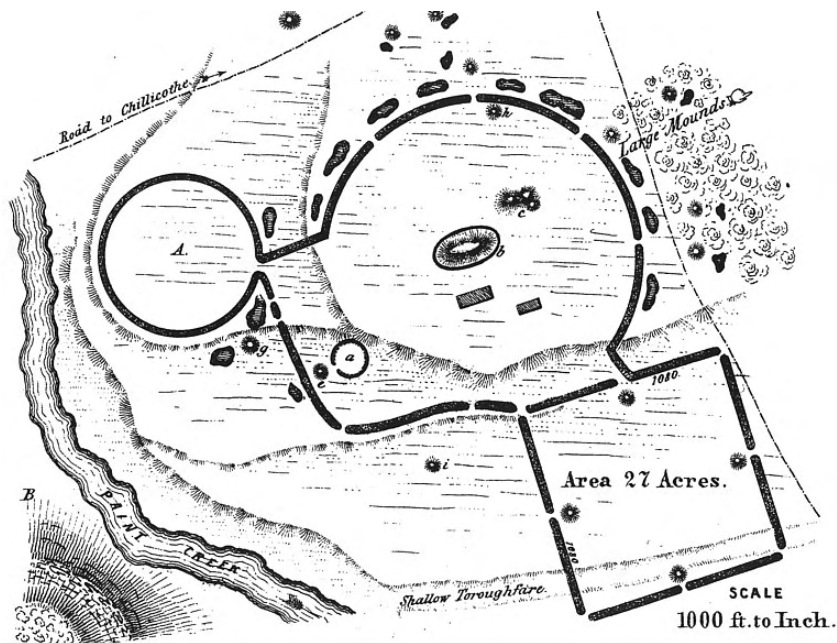
Pointer 35°30'59.30" N 84°15'50.02" W elev 889 ft Streaming ||||| 100%

Eye alt 32.13 mi

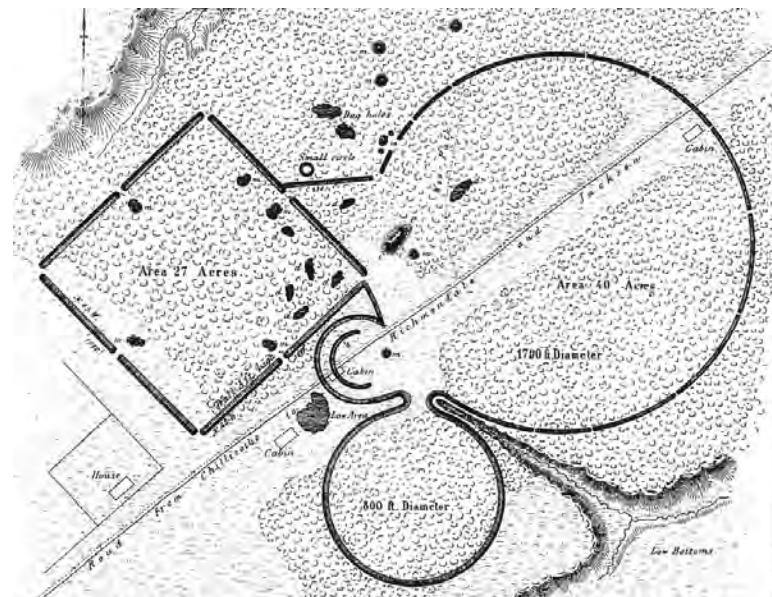
Icehouse Bottom



- The area surrounding Madisonville is host to many, many archaeological sites, including this one closest to the formation: **Icehouse Bottom**, a Native American habitation site for the past 9,500 years
- James B. Stoltman, University of Wisconsin-Madison in his paper titled “Icehouse Bottom and the Hopewell Connection”, presented a revelation that pottery shards found at Icehouse Bottom were characteristic of **Ohio Hopewell Pottery**, and that pottery discovered from within the Seip Mound and Harness Mound (part of the Liberty Earthworks) both located in the Paint Creek Valley in Ohio had the identical distinctive minerals and grain size as those produced at Icehouse Bottom – showing that over 2,000 years ago, those locations were part of the same extensive trading network



Seip Mound in Bainbridge, OH



Liberty Earthworks, Ross Co., OH

“Big Toco” Mound at Toqua, TN



Seip Mound in Bainbridge, OH



Madisonville, Monroe County, TN

- One of the nearest archaeological sites to the Madisonville, TN crop circle was the site of **the Cherokee village of Toqua**, about 8-9 miles to the east of the formation.
- At Toqua was the largest of all the earthen mounds in the whole of the Little Tennessee River valley, a mound the locals called **“Big Toco”** (the archaeologists called it Mound A). The **“Big Toco”** Mound was very similar in form to the elongated Seip Mound in Bainbridge, Ohio. **“Big Toco”** was 154’ x 138’ in length/width and was 24’ tall at its highest point. Fifty-seven burials were found inside this mound.
- The **“Big Toco”** Mound, is now under Tellico Lake, courtesy of the Tennessee Valley Authority who dammed up the Little Tennessee River more than 30 years ago. The project to create Tellico Lake was to provide electrical power to the region, but it also destroyed over a dozen important archaeological sites in the valley with over 40 mounds now under the water – and flooded the very heart of the Cherokee Nations’ ancestral lands.

Madisonville, Monroe County, TN

- When the “**Big Toco**” Mound was excavated by the Smithsonian Institution in the late 1800’s, one of the artifacts recovered was a shell gorget with a “Celtic-cross”-type insignia design (a second shell gorget was reported to have been found was not depicted in the Smithsonian Report). The drawing of the gorget, below, was taken from the *12th Annual Report of the Smithsonian Bureau of Ethnology*, Pg. 383):

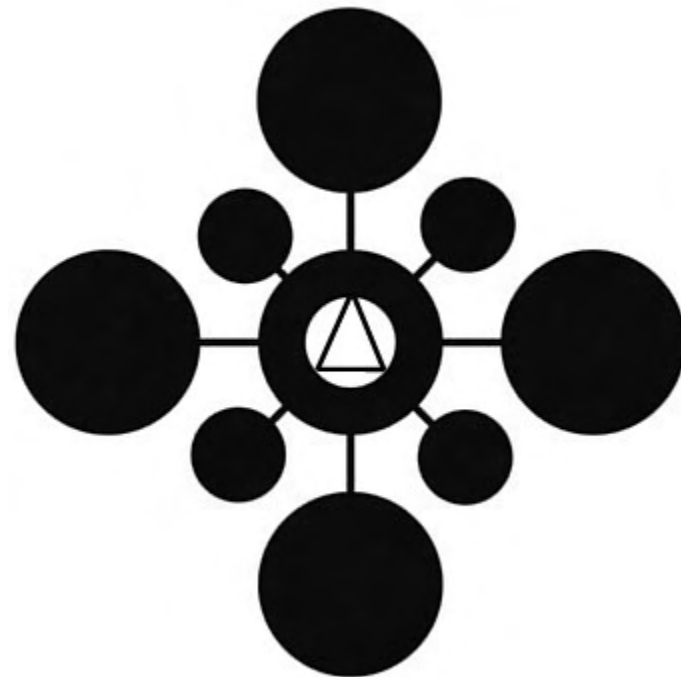
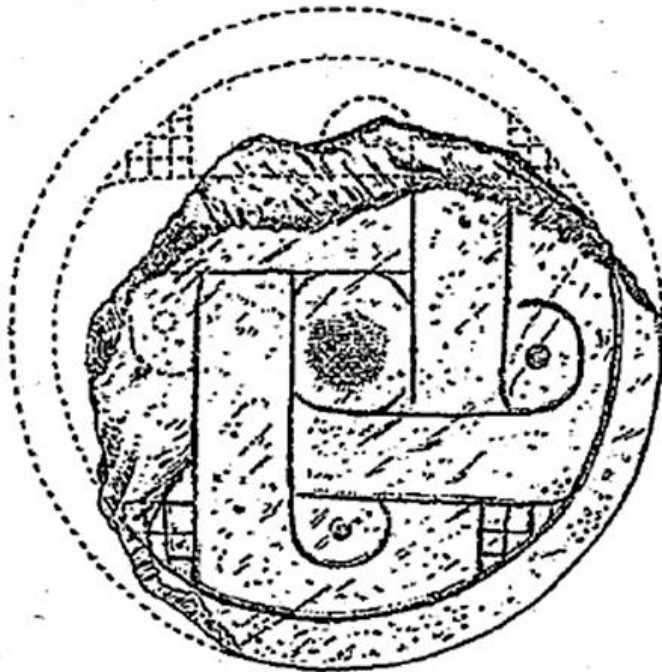


FIG. 262.—Ornamented shell, Big Toco mound.



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Madisonville, Monroe County, TN



This “Celtic-cross”-type symbology was frequently used in the creation of these shell gorgets. Last year I was able to photograph another shell gorget with a similar design on display at the Angel Mounds Museum in southern Indiana while we were investigating a nearby crop circle formation in Huntingburg, IN (note the distinctive swirled center – this design characteristic was often used):

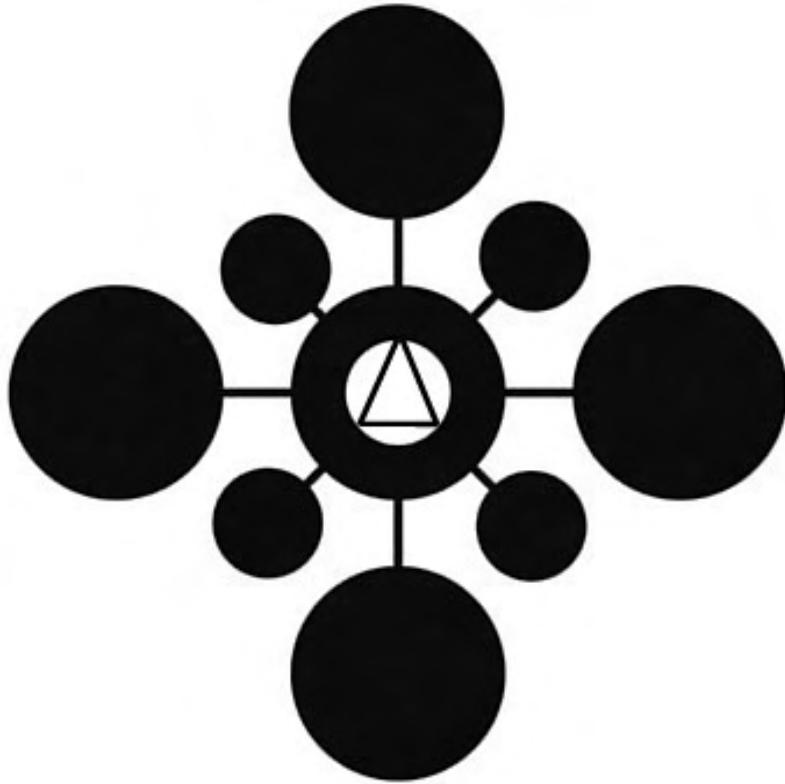
Here is another ancient artifact example of this “Celtic-cross”-type design created in copper by the ‘Hopewell’ culture here in Ohio:



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Note the last example (the lower right gorget in the drawing above) – the “Celtic-cross” symbol is formed by the central circle and the eyes of the four birds; the interlocking swirls create a second cross oriented at 45 degrees to the first – symbolically much like the Madisonville, TN crop circle formation.



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Contact Network



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