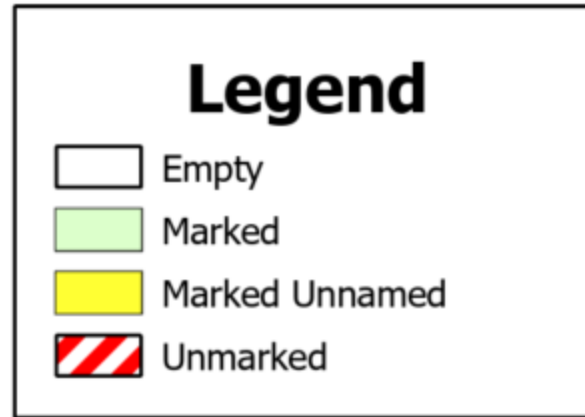


Vulcan County Missing Graves Project Deliverables

Craig Coburn
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University Of Lethbridge
For Vulcan County Partners

Each cemetery will have a map showing the empty, marked and unmarked graves.



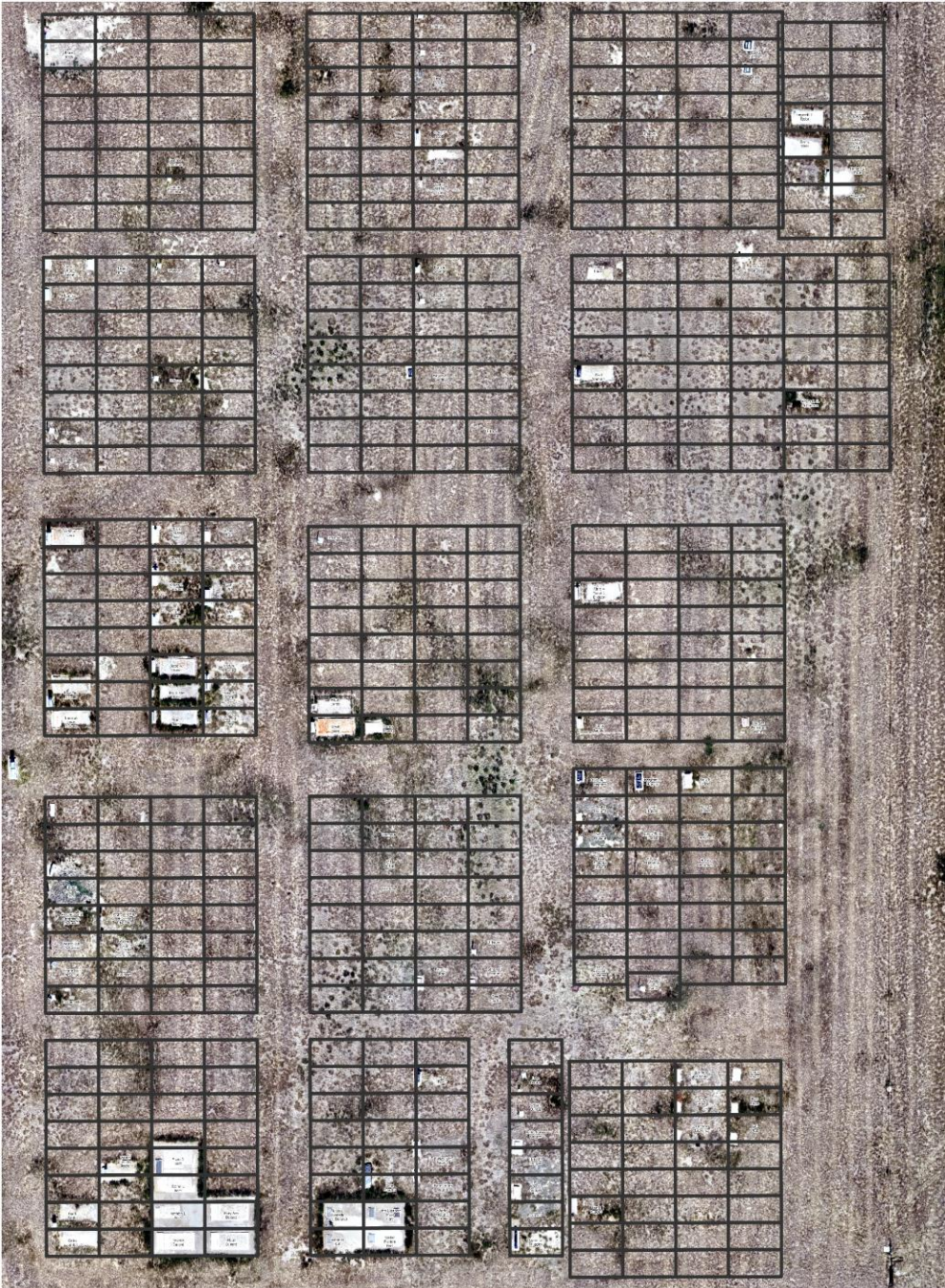
Some graves are recorded as “Marked Unnamed” – these are graves of unknowns marked with (usually) crosses.

Using records provided to us by Vulcan County, we were able to put names on some of these “unnamed” graves.

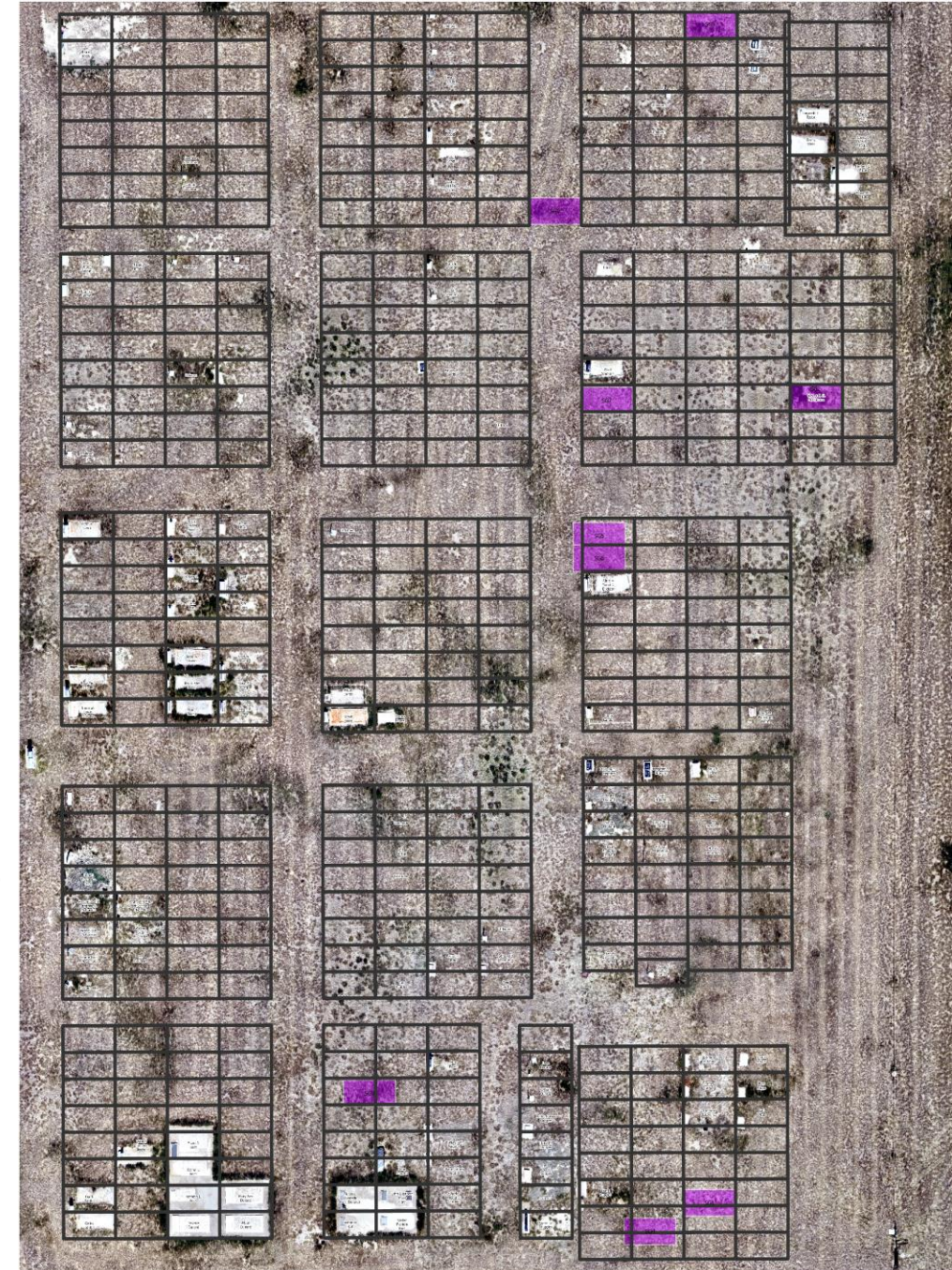
Additionally, there are records of graves that are not currently marked. These are the “Unmarked” graves. These are separate from graves discovered through thermal and terrain analysis, although they are often visible in both.



“???” means that the name is unknown



On the left is the same map overlaid on top of an RGB orthoimage (stitched image) of the Travers cemetery. Please notice that some of the cells in the grid are not aligned because they were placed where the actual graves are located.

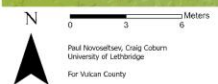
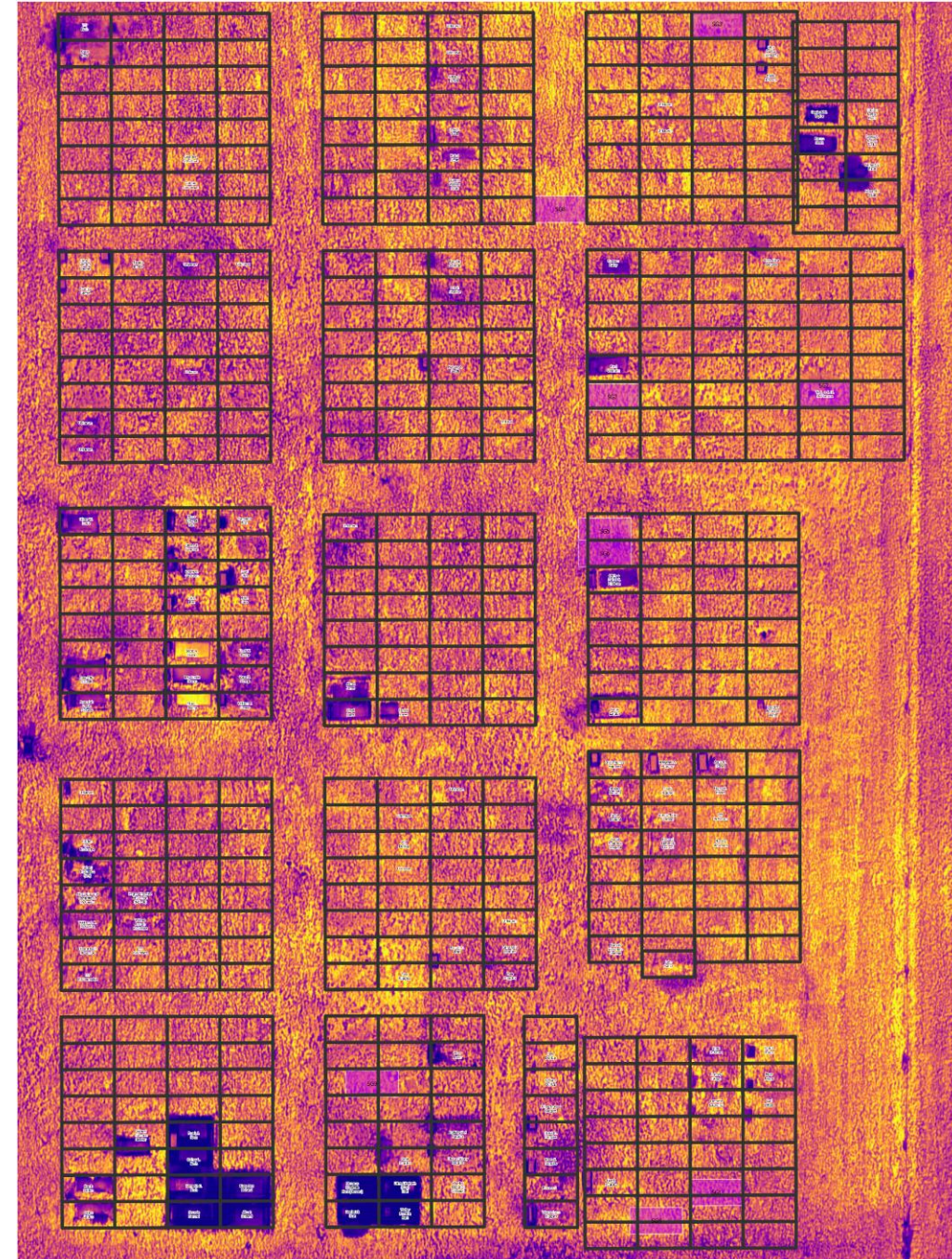


On the right, the “suspected” graves are added. These are locations of graves deduced from thermal and terrain analysis pieces. They usually don’t have any matching records.

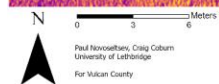


These graves can be visible on the Digital Terrain Model (DTM) (left) and thermal (right) products.

These are not definitive and would require other techniques outside the scope of this project to determine with certainty whether something is indeed there.

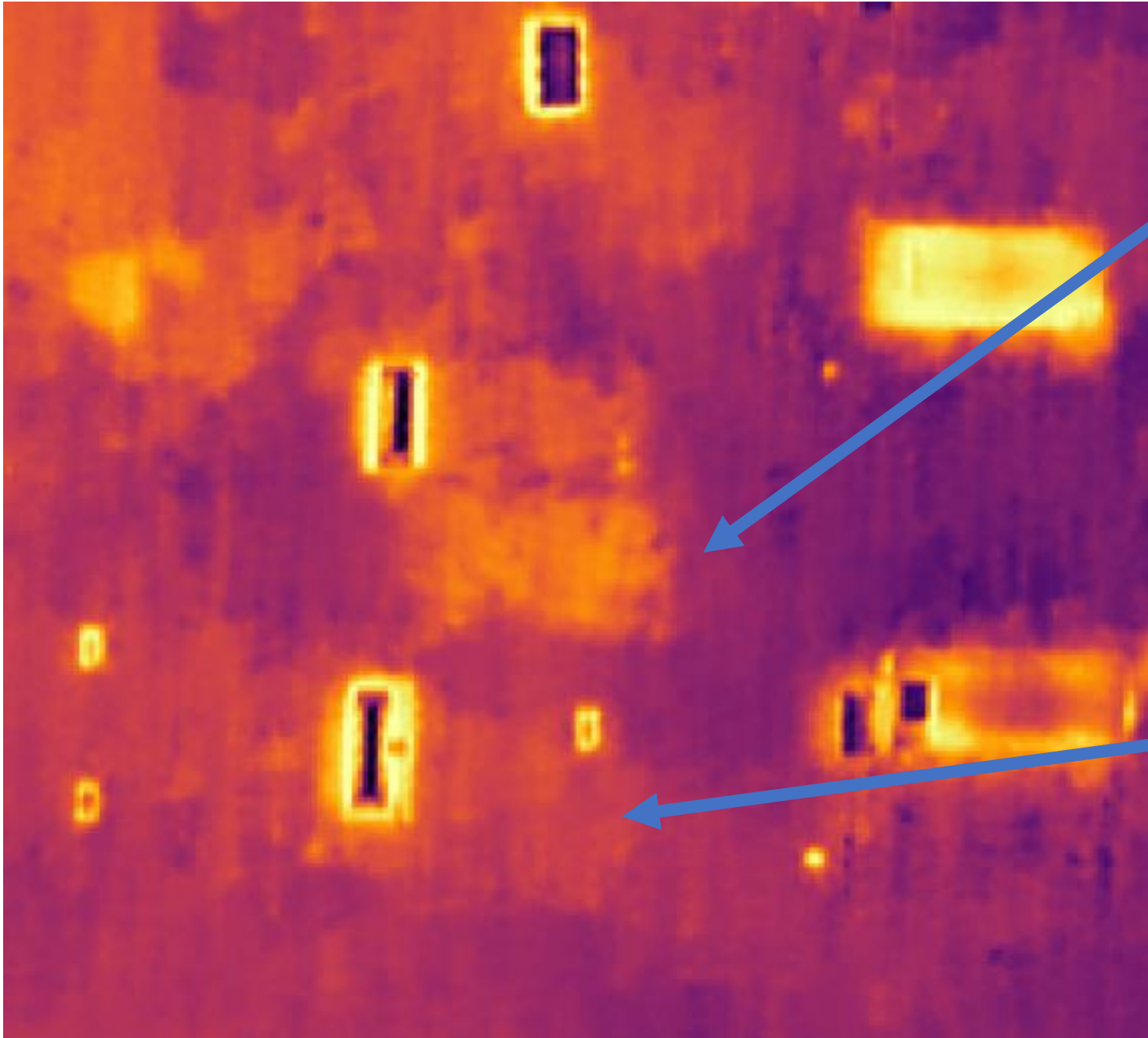


Travers Cemetery North Section
WIP DTM



Travers Cemetery North Section
WIP Thermal Orthoimage



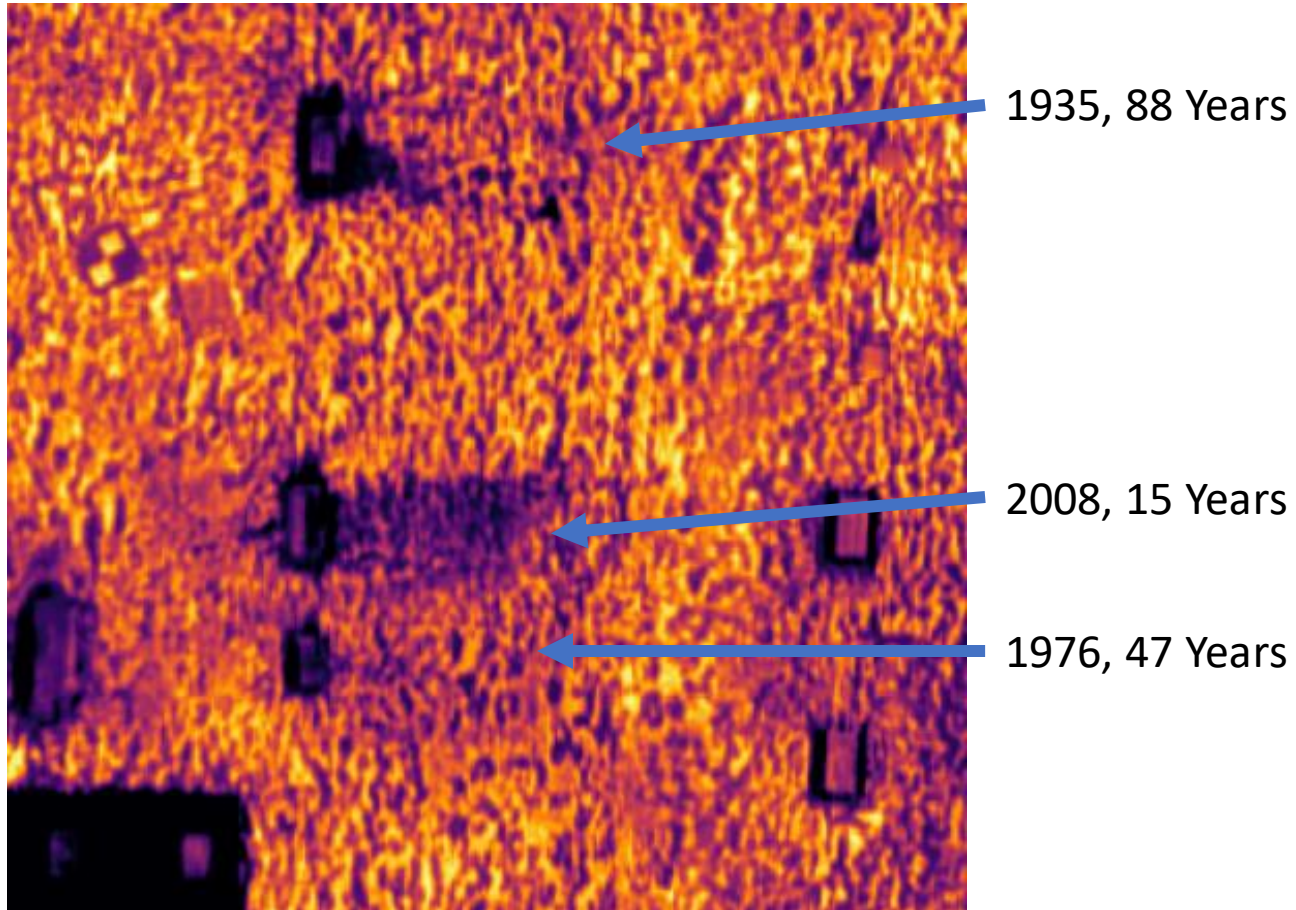


Some non-concrete graves are easily visible in the thermal

- These graves are usually more recent.

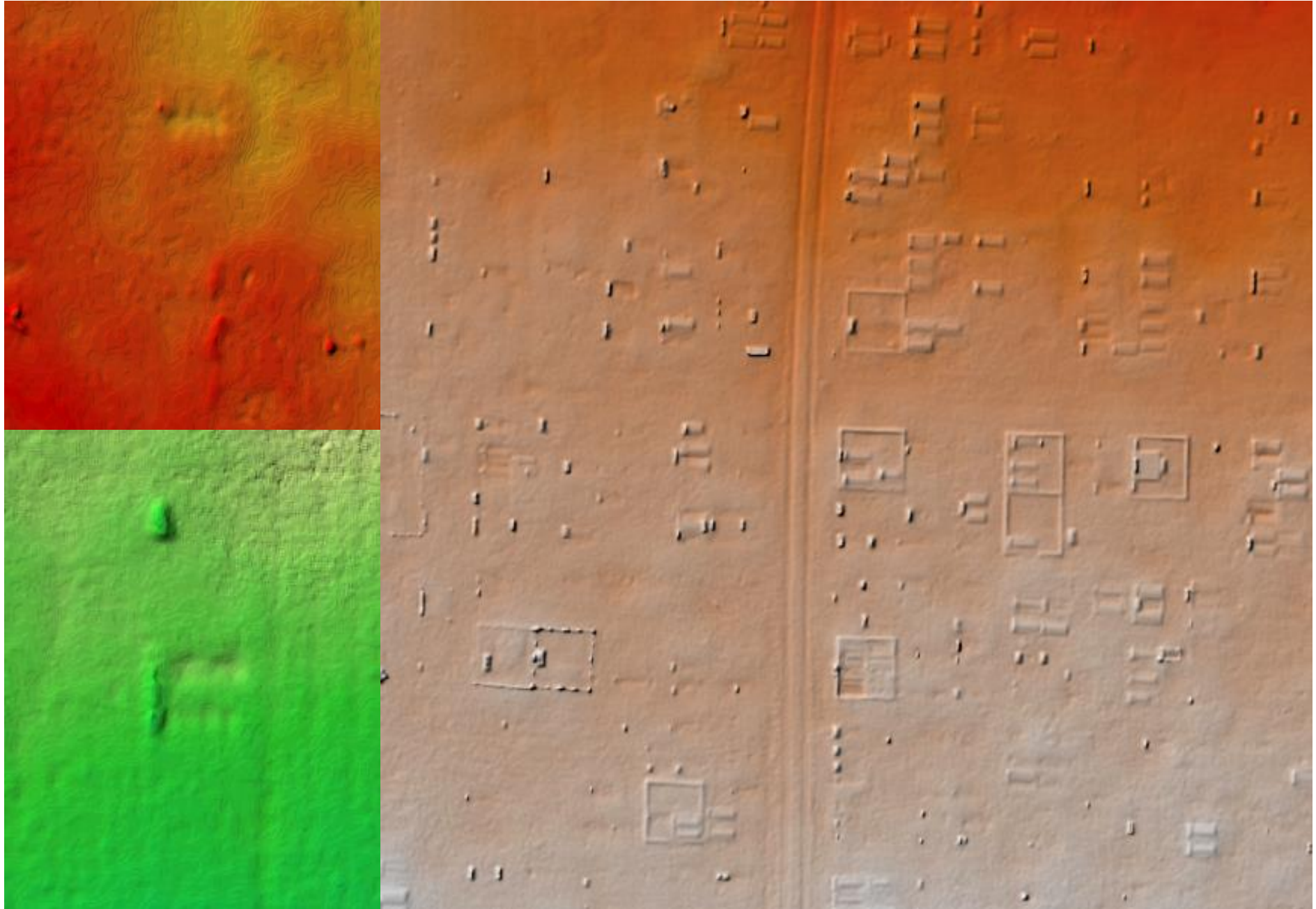
Others are not as visible.

We are trying to estimate maximum age of graves visible in thermal



- This is affected by many factors such as
 - type of soil
 - climate
 - type of casket
 - etc.
- This may help us estimate age of discovered graves if the results are consistent, potential future work.

Using Structure From Motion software, a (DTM) is produced. This can help us see surface features like mounds or depressions.

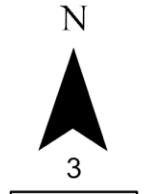


Frank T. Brewrink		Belle T. Budd	Elmer Budd	1. Lvall, George Dickey	2. Jennifer Jane (Harrison) Makrecky	John McLellan	John Crow		Alma Lund	Gladys Lund				Edward Edey
Anna M. Brewrink		Lina L. Budd	Edward Budd	3. Ettie B. Bastin	Daniel Burwash	Farrell E. Dickey 1	Betsy McLellan	Nellie Francis Crow	Gustaf Lund	Gus Lund				Margaret Edey
	Bert Edwards			William Thompson	Georgina Burwash	Jean (Burwash) Dickey			Annie Vogt					
	Homer Edwards			Christy J. Thompson		John Burwash								
Jack Weston Hardy	Ralph Leslie Hardy		Edgar Nugent	Ernest Nugent	Linda Nugent	Joan Jetta (Bastin) Harrison		Olaf Follestad	Saddie Helen Stephens					
Frank Russel Hardy	Henry L. Paisley			Emilie Buchanan	Helen M. Bastin	2	Ethel Leah McLeod						Gayle Deanne Plourd 7.	Bertha M. (Fleming) Plourd 8.
George Hardy		William H. Stange			Phyllis V. Kulpas		Anna Arabella McLeod	Carrie Follestad					Hubert Paul Plourd 9.	
Bertha Paisley	Baby Fetterly	Leonard Stange	Emmanuel Shilling	Kathleen Patricia Nugent	Edith M. Nugent	John H. Bastin 3 4	Wellington McLeod	Hede Follestad	W. M. Gloer				H. Laine	John McLean

4. Edward Allen Bastin

Donna Ruth Kushner		Thomas Lee Percell	Lawrence Doyle	John O'Neil		Margaret O'Neil		Baby Wilson		John McLaughlin			Theo Ingwersen	Beverly Laine		
Audrey Verna Baldwin						Lily Schoonover					Charles H. Rozander			Henry Plourd	9	8
Arthur Baldwin						Hugh E. Blue	Percy Fowler	Edith Hartwick			Thyra M. Rozander			Signa S. Plourd		
William Keith Sparkes						Thomas Fowler					M.B. Rozander		Margaret Wintori			
William G. Lee Baldwin				Unknown					Annie Viola McLeod	Goldie McGinnis			Euphemia Knox			
Lenora K. Baldwin			Zaccheus Chidester						Margaret May McLeod	George & Baby McGinnis			Robert Knox			
Alice Baldwin				Greene G. Dockery						Stella McGinnis	Julia Ellen Plourd		Julia McLean	Unknown		
Arhtur W. Baldwin	Baby Baldwin		Katherine A. Chidester	Bryan Hewitt Dockery			Irene Puzzi				Felix Vincent Plourd			Flora McLean	Mary E. McFalls	

Carl August Lyckman	Elsie Lyckman		Howard Johnson				Ivy Parkinson Cumming				Baby Talbot					
Johanna Augusta Lyckman			Harvey Warden		James Henry Rollins				David Howard McLeod							
Amanda C. Lyckman	Johan Arvid Lyckman		J.B. Smith										Clara Shaw		Suspected Janet Blue	
			J. C. Warden							5. Norman D. McLeod				Billy and William Shaw	Lawrence H. Blue	
Nels Nelson							Leo Stanley Nielson		Margret A. Lee				Angus McLeod			
									James F. Lee						Stokes	
	C.M. Karlson		Mrs. Clayton Turner	Babies Griffin	Isabell Hill	Phyllis K. Clark			Rebecca McLeod	6		John McLeod				
			Clayton Turner	Frank F. Griffin	W. N. Hill	Keith C. Clark		Cecil N. Jacobson	5	Donald McLeod		Agnes McLeod				H. Kellogg



Meters

Carmangay Cemetery WIP Map
Sections 1, 4 & 5

Using these tools, the Arrowwood, Anastasia, Bowville, Lomond, Travers and Milo cemeteries will receive a current layout with updated records as well as the “suspected graves” map.