

A

TORNADO PROJECT SUMMARY SHEET

F=1

ONT

1. DATE AND TIME 12.6.1973 0215 EST.

2. LOCATION OR PATH (attach map) SHORT TRACK JUST NE OF WALLACEBURG  
DIRECTION OF TORNADO WAS SWEST TO NEAST

3. PATH LENGTH  NOT KNOWN  <1mi;  1-2mi;  3-4mi;  5-10mi;  11-50mi;  LENGTH IF >50mi

4. PATH WIDTH UNKNOWN 5. TORNADO PART OF SQUALL LINE?  YES;  NO;  UNKNOWN:

6. ANY UNUSUAL COLORATION?  YES;  NO;  UNKNOWN

7. ANY UNUSUAL SOUND?  YES;  NO;  UNKNOWN

8. IF ANSWER TO 6 OR 7 YES, ELABORATE;

9. LIST ANY ASSOCIATED PHENOMENA (Such as hail, vivid lightning heavy rain, no rain, etc.) GOLF BALL SIZED NAIL in the Bothwell area

10. TOTAL DAMAGE ESTIMATE \$ UNKNOWN 11. TOTAL DEATHS NONE

12. TOTAL INJURED NONE 13. TOTAL HOMELESS NONE

14. LIST ALL REFERENCES WINDSOR STAR, WINDSOR. 12.6.1973  
CONVERSATION WITH TIES SCHOLTENS (627-4850)  
and Joseph Rosseel (519) 627-1854.

15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS.

(a) TIES SCHOLTENS OF BECKER SAID HE OBSERVED A CLOUD FUNNEL ABOUT A HALF-MILE IN DIAMETER. IT PASSED OVER THE COMBINE HE WAS DRIVING AND HE SAW IT HIT THE ROSSEEL BARN.

(b) TREES UPROOTED, FLATTENED BARNs, DAMAGED SILOS AND SHIFTED SEVERAL OUTBUILDINGS OFF THEIR FOUNDATIONS

0697302

# WORKSHEET

IDTO 0697302

① ORIGIN  $x$  17387150  
 $y$  4720500

C100  
 ⑤ Standard Error  $S_x$

② LIFT-OFF  $x_1$  17388300  
 $y_1$  4721850

C100  
 ⑥ Standard Error  $S_y$

③  $(x_1 - x) = 1150$

④  $(y - y_1) = 1350$

⑦ DAMAGE LENGTH

$L = [(x_1 - x)^2 + (y - y_1)^2]^{1/2}$  ⑧  $\alpha = \tan^{-1} \frac{|y - y_1|}{|x - x_1|}$

③ + ④  $\rightarrow r, \theta = 1773 \text{ m}$

$x \leftrightarrow y = 50^\circ$

⑨ Standard Error  $S_L = (S_x^2 + S_y^2)^{1/2}$

⑤ + ⑥  $\rightarrow r, \theta = 141 \text{ m, C}$

⑩  $\beta = \frac{\tan^{-1} S_L}{L}$

⑦ + ⑨  $\rightarrow r, \theta$   
 $x \leftrightarrow y = 5^\circ$

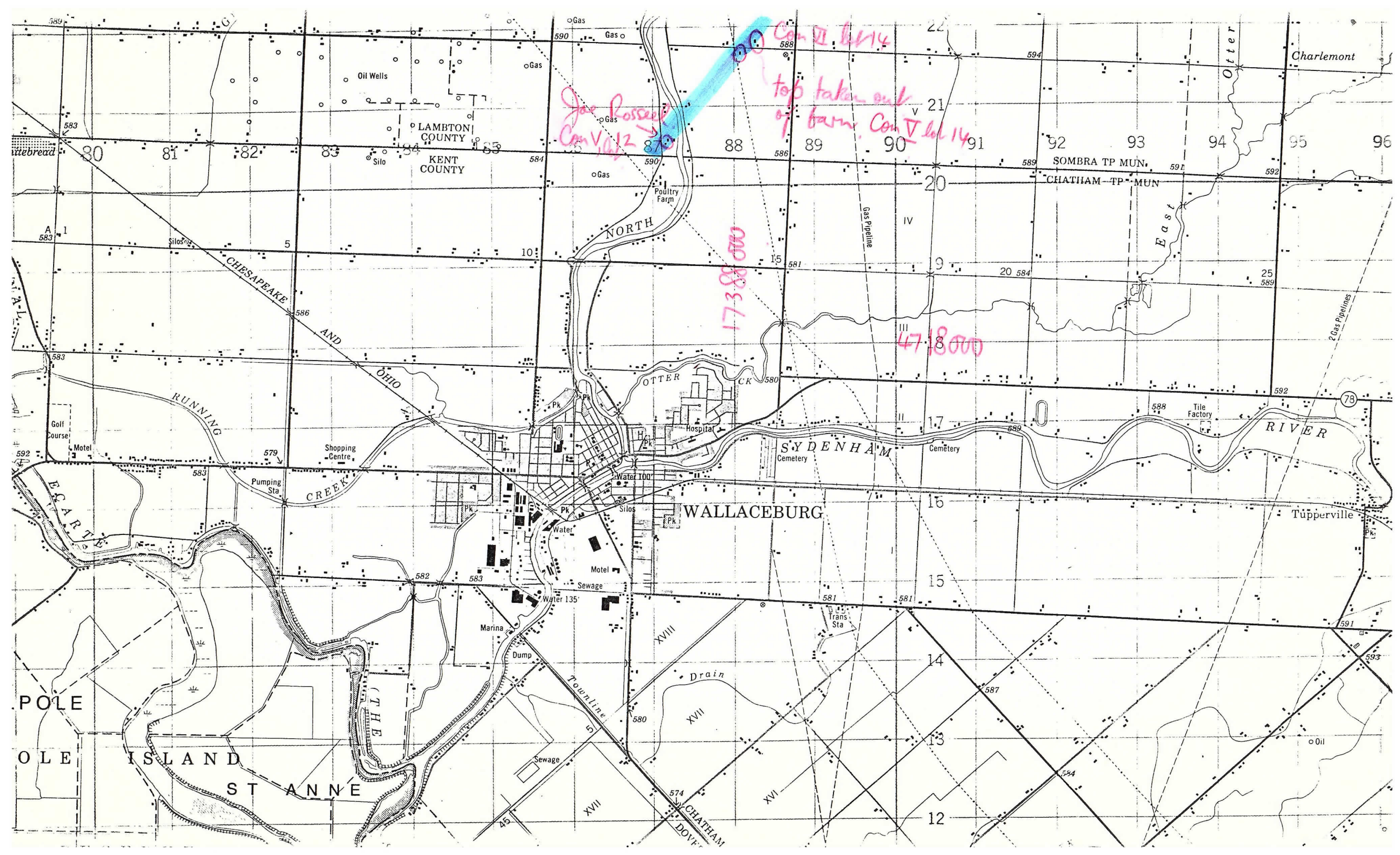
NE Quad  $\phi = 90 - \alpha$

SE quad  $\phi = 90 + \alpha$

NW Quad  $\phi = 270 + \alpha$

SW Quad  $\phi = 270 - \alpha$

⑪  $\phi = 220^\circ$

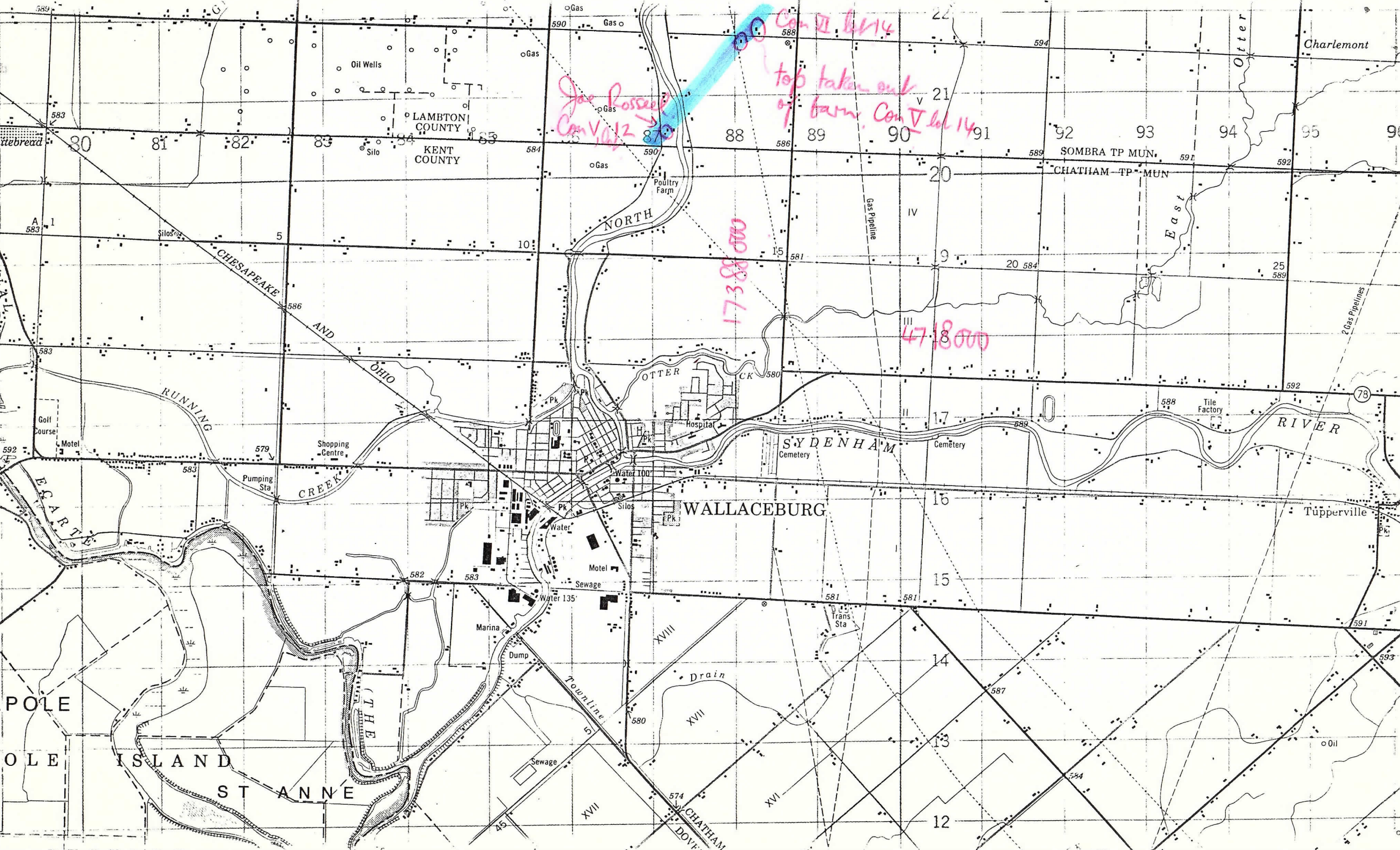


*Joe Roscoe  
Con V 12*

*Con II lot 14  
top taken out  
of barn, Con I lot 14*

*17388000*

*4718000*



Map labels include: Pole Island, St Anne, Wallaceburg, Sydenham, Otter, Chesapeake and Ohio Creek, Running Creek, Ecarte, Pole, Island, St Anne, Townline, Drain, Sewage, Marina, Dump, Motel, Shopping Centre, Golf Course, Cemetery, Hospital, Poultry Farm, Silos, Gas, Gas Pipeline, Tile Factory, Tupperville, Charlemont, Sombra TP MUN., Chatham TP MUN., Otter River, Pole Island, St Anne, Townline, Drain, Sewage, Marina, Dump, Motel, Shopping Centre, Golf Course, Cemetery, Hospital, Poultry Farm, Silos, Gas, Gas Pipeline, Tile Factory, Tupperville, Charlemont, Sombra TP MUN., Chatham TP MUN., Otter River.