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PROFILE REPORT

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SOUTH NIAGARA STREET QUARRY SITE

NYS DEC REG 9
REL UNREL

BY NIAGARA COUNTY HEALTH DEPARTMENT
JUNE, 1993

Site Description

The South Niagara Street Quarry Site is located in the City of Lockport. A site location map is found in Appendix A. The site is bounded by South Niagara Street on the north, junkyard property on the east and south, and Somerset Railroad tracks on the west.

The property is currently owned by the City of Lockport and is being used as a City of Lockport storage area for wood debris, fencing material and miscellaneous junk.

Site Inspection

The site was initially discovered April 14, 1993 during a routine inspection of the Lockport City Landfill. Evidence of ash, glass debris is noted along the western side cut due to the Somerset Railroad. A visible leachate stain was flowing from the toe of the slope to an adjacent ditch which drained under the Somerset tracks and discharged into the Gulf Creek ravine.

Previous Investigations

This department is unaware of any previous investigations of this site. Due to the grading of the side slope along the Somerset tracks, it appears that the end of the landfill was excavated and graded during the construction of the Somerset Railroad in the mid 1980's.

Interpretation of aerial photographs is limited as site activity could be quarry activity or landfilling activity.

Exposure Potential

Exposure to contaminants at the site are possible through contact with the exposed waste or leachate. The leachate discharges to Gulf Creek, a tributary of Eighteen Mile Creek. Odors were not evident at the site.

Operation History

The site was reportedly first operated as a quarry. A rock cut is clearly visible along the southwest corner of the site. It appears the site was brought back to original grade through landfill of municipal debris. Industrial use is unknown. It is suspected that the City of Lockport operated the site in or around the time of operation of the Old Upper Mountain Road Site or the City of Lockport Landfill.

Recommendations

The site is in need of a thorough investigation so that a better determination as to the significance of the site can be made. If operation of this site was similar to the City of Lockport Landfill, hazardous wastes might be expected.

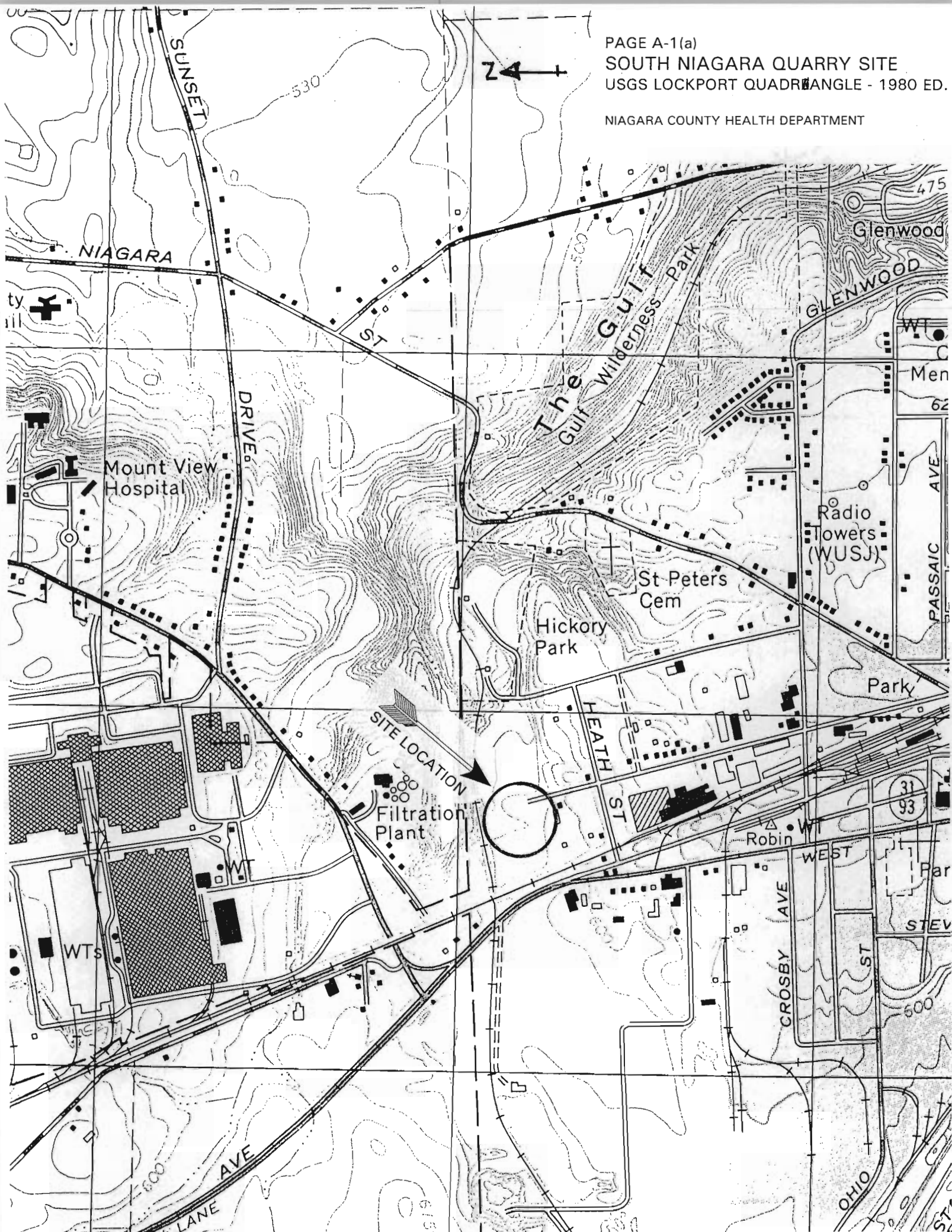
As a minimum, the site is in need of a proper 360 closure to prevent offsite migration of leachate.

Recommended field activities should include surveying and mapping, waste samples, leachate samples, and a geophysical survey to help establish the extent of fill at the site.

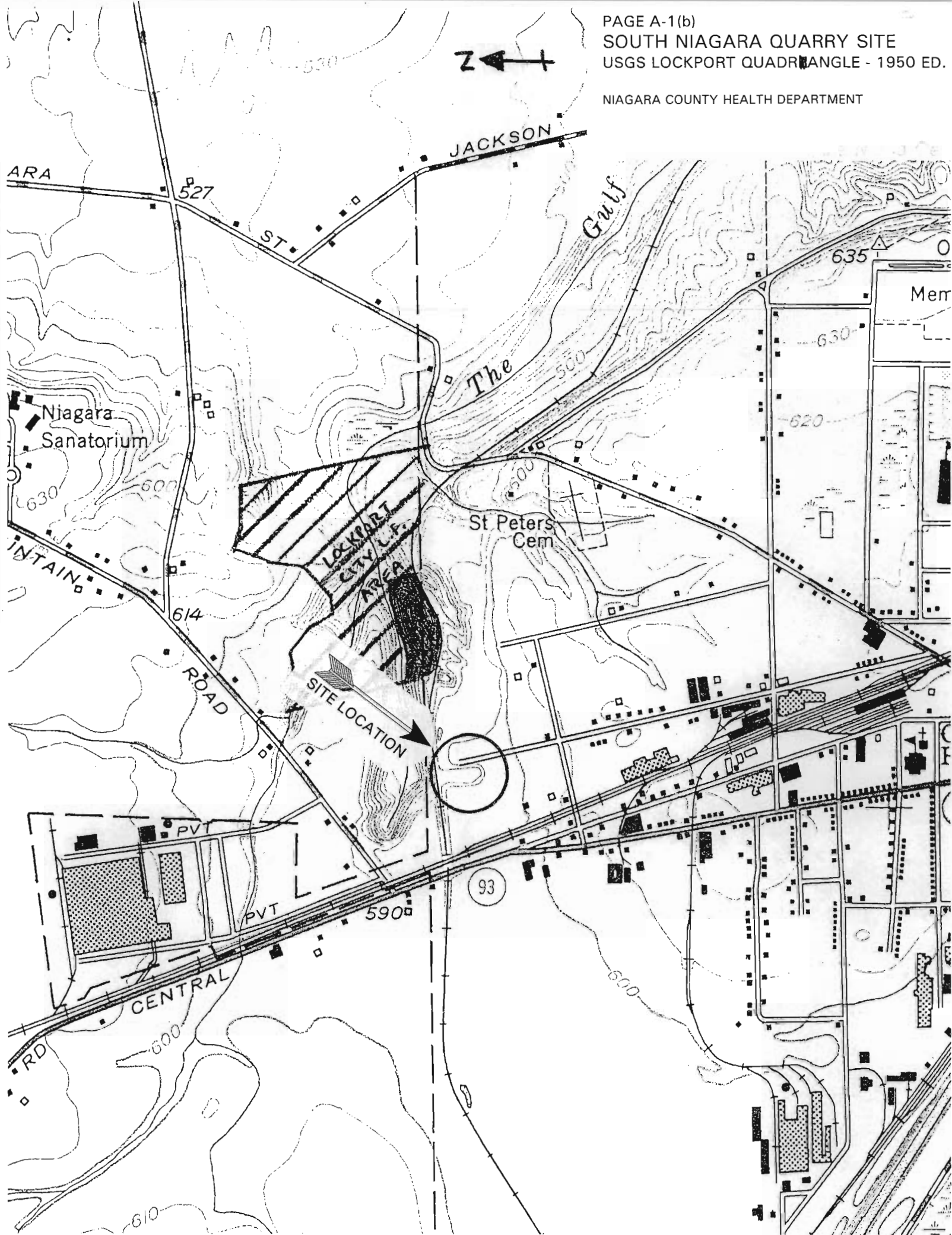
Appendix A Contents

<u>Page</u>	<u>Description</u>
A-1	U.S.G.S. Topographic Map
A-2	City of Lockport Tax Map
A-3	1991 Aerial Photograph
A-4	Niagara County Health Department sketch
A-5	Photographs
A-6	Photographs

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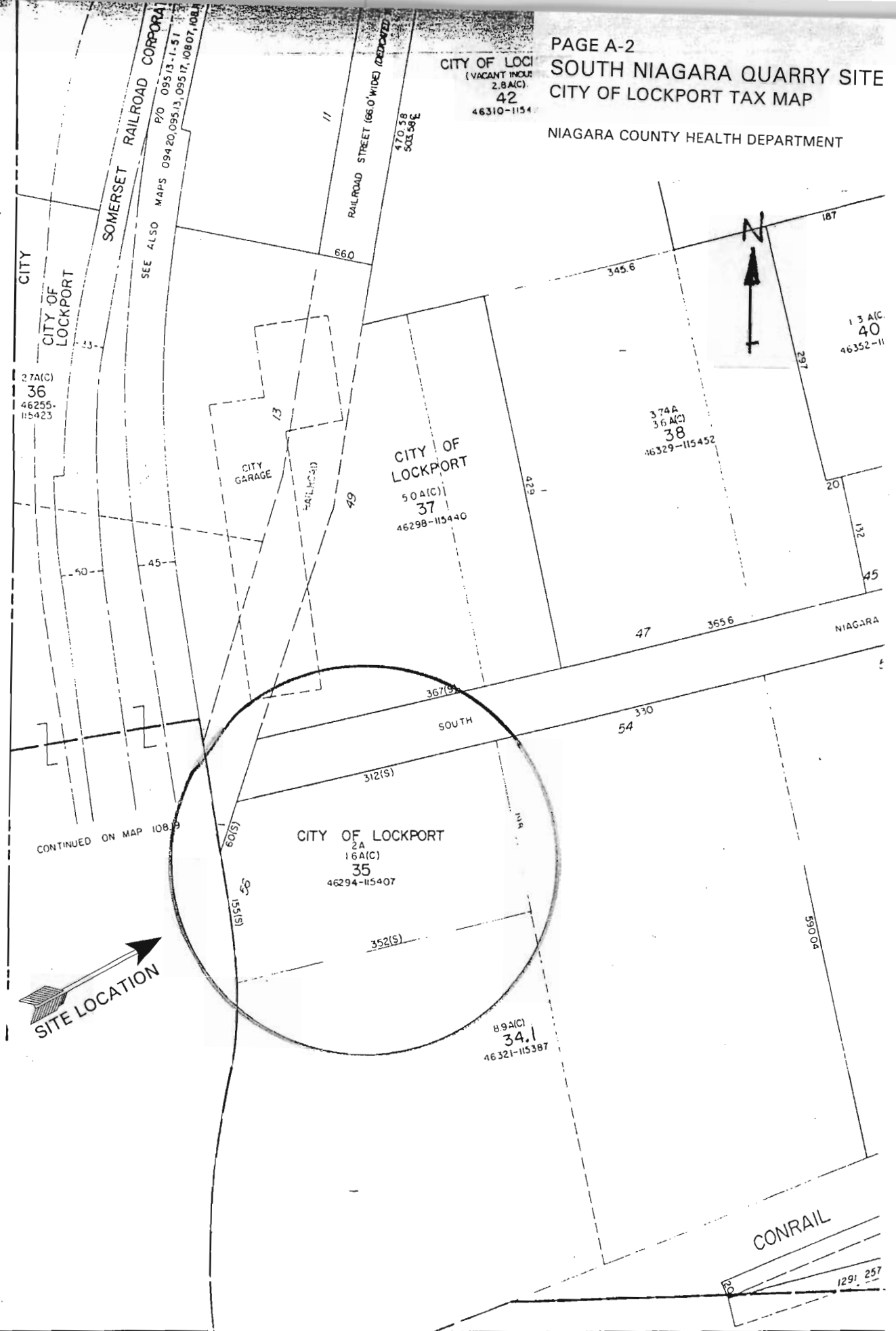


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 SOUTH NIAGARA QUARRY SITE
 CITY OF LOCKPORT TAX MAP

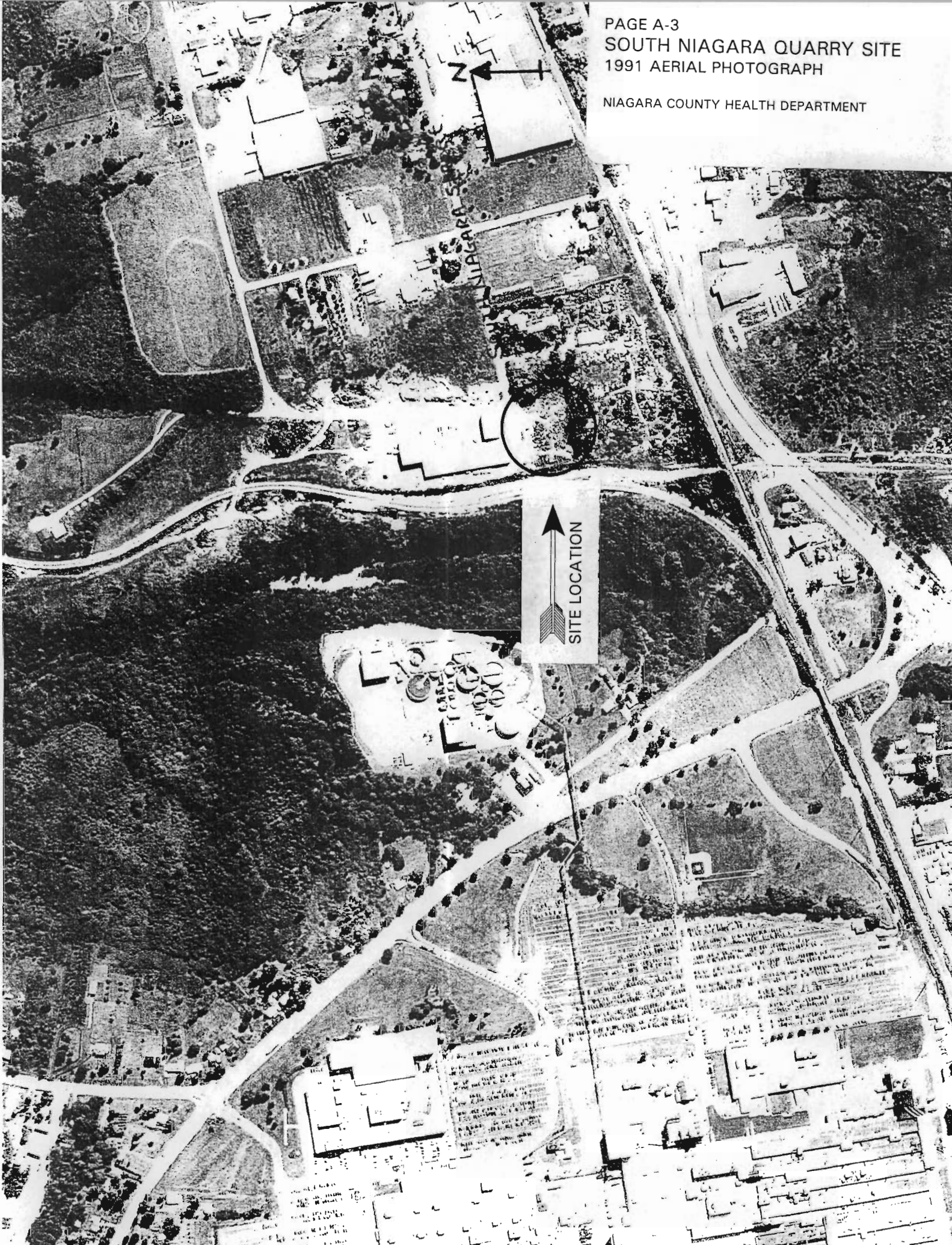
NIAGARA COUNTY HEALTH DEPARTMENT



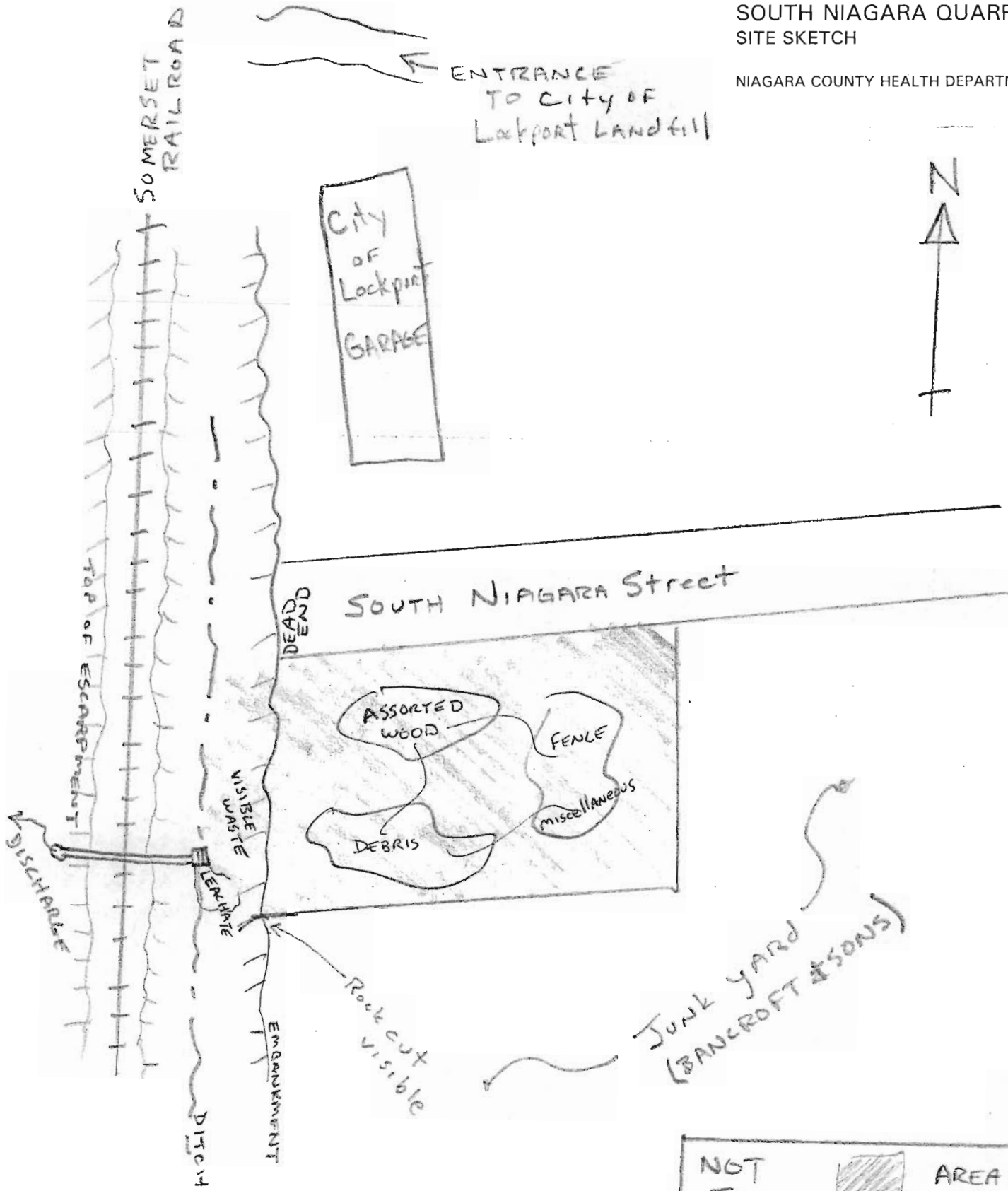
CITY OF LOCKPORT
 (VACANT INCOME)
 2.8A(C)
 42
 46310-1154

REVISION TABLE			SPECIAL DISTRICTS		
DATE	MADE BY	CHANGES OR ADDITIONS	DATE	MADE BY	CHANGES OR ADDITIONS
11-8-77	SAS	ADDED 10815+132.2	1988-89	DRA	DELETED 32.2
1981-82	RPTS	ADDED 1-132	1989-90	DRA	ADDED 1-132

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NOT TO SCALE

AREA OF DUMP

DRAWN BY Paul Dicky
5-7-93

NIAGARA County Health Dept

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SOUTH NIAGARA QUARRY SITE
SITE PHOTOGRAPHS

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STANDING LEACHATE IN SAME
DITCH - EXPOSED WASTE VISIBLE
DUE TO ANIMAL BURROWING



LEACHATE FLOWING TO STORM GRATE
- BOTTOM OF DITCH between LANDFILL
AND RAILROAD

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SOUTH NIAGARA QUARRY SITE
SITE PHOTOGRAPHS

NIAGARA COUNTY HEALTH DEPARTMENT



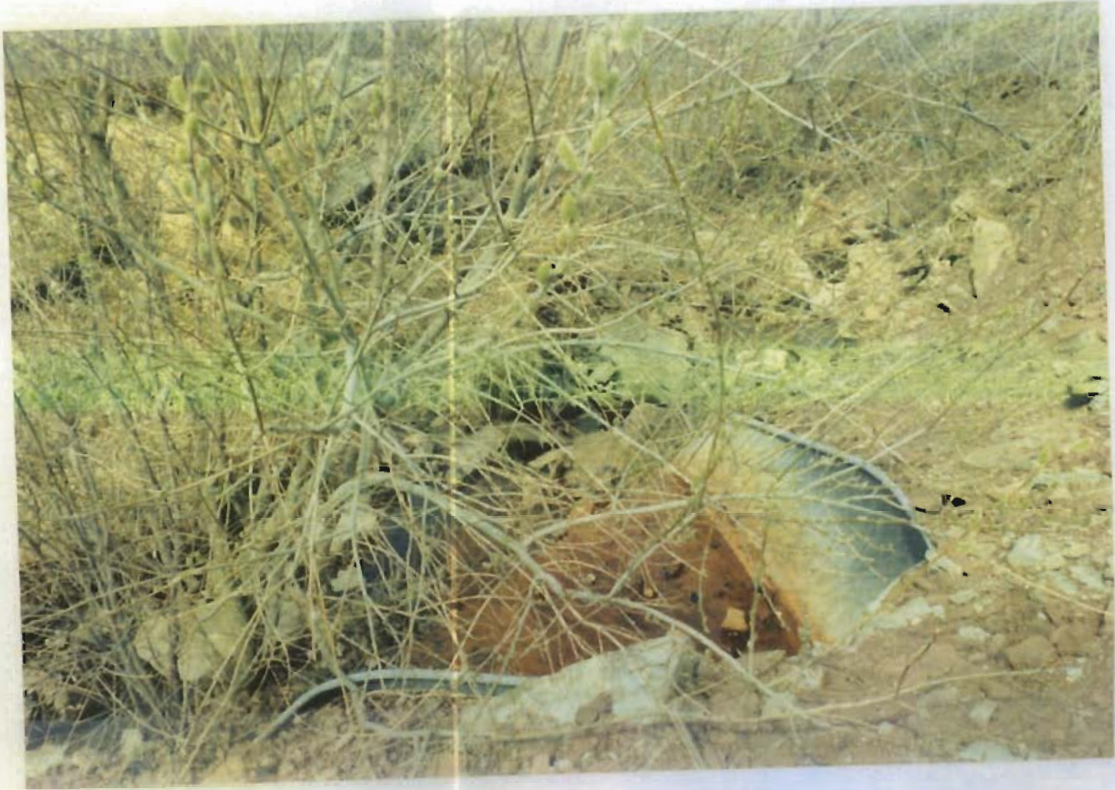
TOP OF LANDFILL USED BY CITY
OF LOCKPORT FOR STORAGE



VIEW OF DITCH RECEIVING
LEACHATE / FACING NORTH

PAGE A-7
SOUTH NIAGARA ROAD QUARRY SITE
SITE PHOTOGRAPH

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STORM GRATINGS (IN OTHER PHOTO) DISCHARGES
HERE - WEST SIDE OF RAILROAD TRACKS -
INTO GULF CREEK