

Appendix 5C

Map showing the location of the pipe under investigation. The pipe is located under Ramanathan Mawatha Rd, near the Sri Lanka Customs Prev Off. Other nearby locations include Transport Section, Stores Dep, Sri Lanka Ports Authority, Foreshore Police, and Paranthan Chemicals Corp.

Investigation Memo

| | |
|--------------------|-------------------|
| Location | Ramanathan Mavata |
| Map ID No. | 66-8-2-D |
| Date of Inspection | 11-May-2000 |
| Started at: | 20:00 |
| Finished at: | 25:00 |
| Weather | Fine |
| Police Div. | Kotahena |
| Road Ownership | CRMU |
| Traffic Intensity | Heavy |

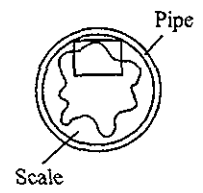
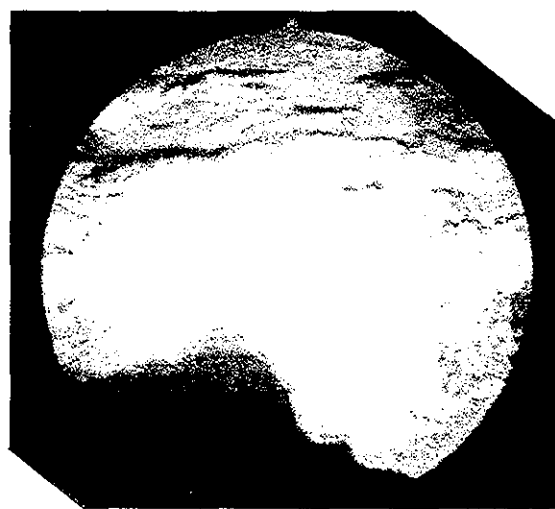
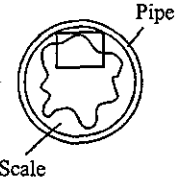
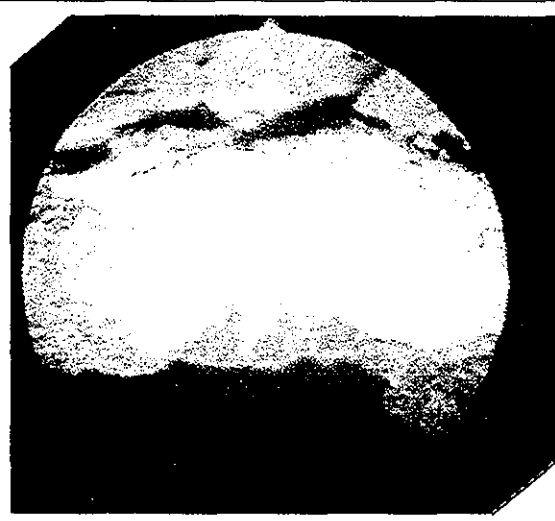
○ Assessment

Scale 1:2000

Investigation Results

| | |
|---------------------------------------|-----------------------|
| Measured Circumference (mm) | 1335 |
| Age Group | over 100 years |
| Previous Scraping | None |
| Pipe Depth (m) | 0.75 |
| Pipe Location | under Roadway (paved) |
| Pipe Wall Condition | Good |
| Water Pressure (kgf/cm ²) | 0.25 |
| Max. Scale Thickness (mm) | 15 |
| State of Encrustation | Light |
| Effective Cross Section Area | 87% |
| Bubbles | Light |
| Residual Chlorine (mg/l) | 0.1 |
| pH | 7.40 |
| EC (ms/m) | 2.92 |

Internal View of Pipe

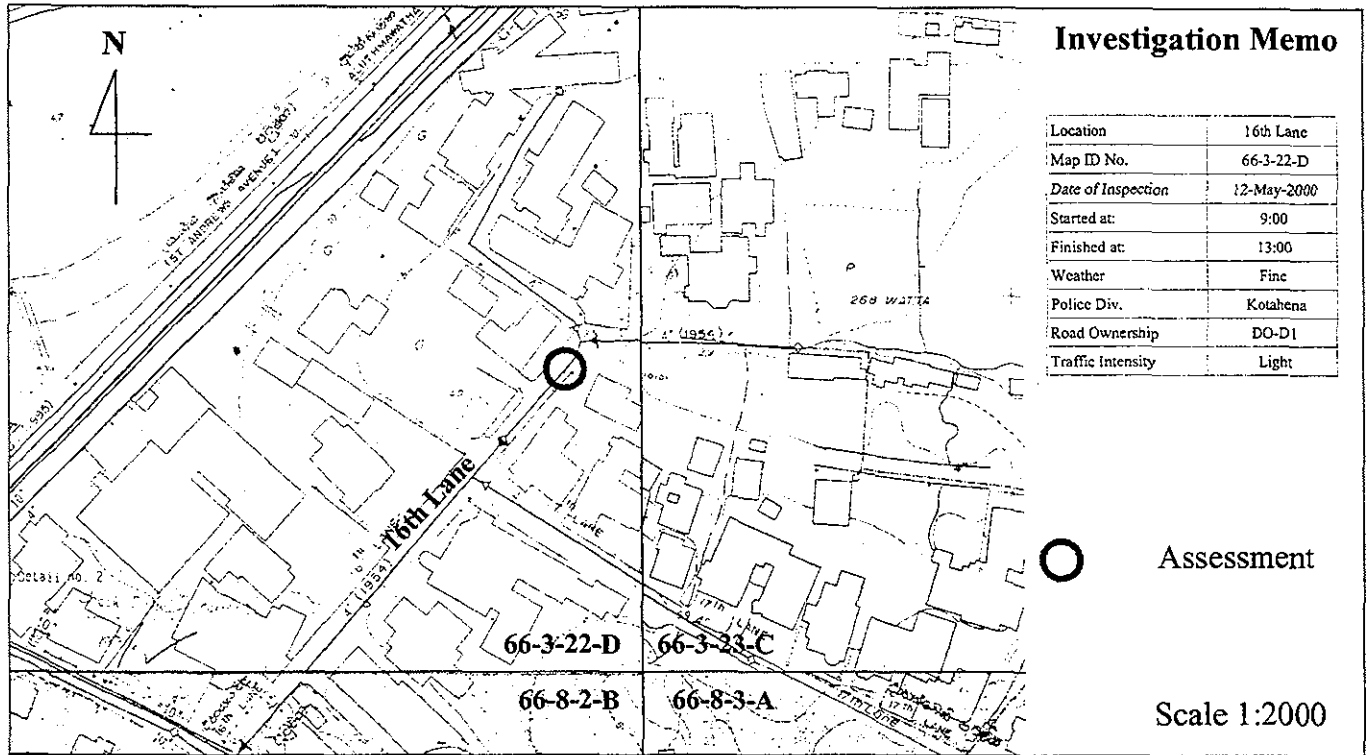


Notes

- This pipe has been laid at a clearance of oily 10cm from the existing telephone conduit.
- Velocity appears to be low.

Pipeline Assessment (Ramanathan Mawatha)

Appendix 5C



Investigation Results

| | |
|---------------------------------------|-----------------------|
| Measured Circumference (mm) | 385 |
| Age Group | 20 to 50 years |
| Previous Scraping | None |
| Pipe Depth (m) | 0.92 |
| Pipe Location | under Roadway (paved) |
| Pipe Wall Condition | Good |
| Water Pressure (kgf/cm ²) | 0.50 |
| Max. Scale Thickness (mm) | 15 |
| State of Encrustation | Medium |
| Effective Cross Section Area | 49% |
| Bubbles | Light |
| Residual Chlorine (mg/l) | 0.4 |
| pH | 7.60 |
| EC (ms/m) | 3.31 |

Internal View of Pipe

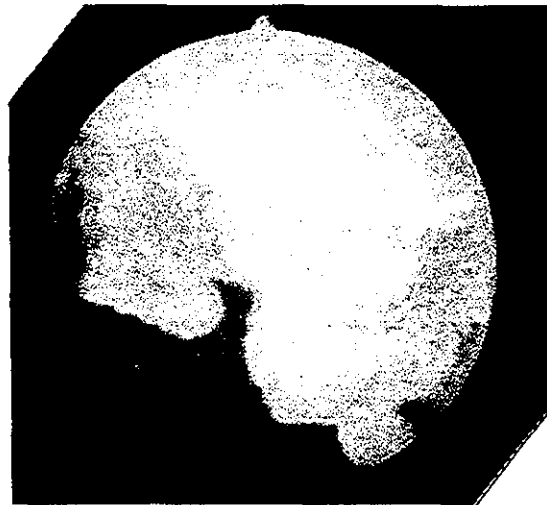


Photo No.1

Upstream view from upper part of pipe as drawn below

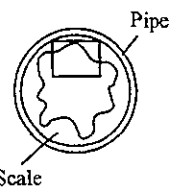
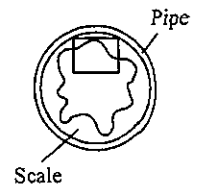


Photo No.2

Downstream view from pipe center as drawn below



Notes

- Earth covering depth of the pipe is 0.92m. Confirmed groundwater. Despite its low ground elevation.
- Water pressure is relatively low at 0.5 kgf/cm². This suggests that valve have been throttled.

Pipeline Assessment (16th Lane)

Appendix 5C

Investigation Memo

| | |
|--------------------|-----------------|
| Location | Albert Crescent |
| Map ID No. | 66-13-2-D |
| Date of Inspection | 15-May-2000 |
| Started at: | 20:00 |
| Finished at: | 26:00 |
| Weather | Fine |
| Police Div. | Kurunduwatta |
| Road Ownership | CRMU |
| Traffic Intensity | Heavy |

○ Assessment

Scale 1:2000

Investigation Results

| | |
|---------------------------------------|-----------------------|
| Measured Circumference (mm) | 1570 |
| Age Group | 70 to 100 years |
| Previous Scraping | Unknown |
| Pipe Depth (m) | 1.18 |
| Pipe Location | under Roadway (paved) |
| Pipe Wall Condition | Good |
| Water Pressure (kgf/cm ²) | 1.08 |
| Max. Scale Thickness (mm) | 0 |
| State of Encrustation | Light |
| Effective Cross Section Area | 100% |
| Bubbles | High |
| Residual Chlorine (mg/l) | 0.5 |
| pH | 7.54 |
| EC (ms/m) | 5.76 |

Internal View of Pipe

Photo No.1

Upstream view from upper part of pipe as drawn below

Scale

Photo No.2

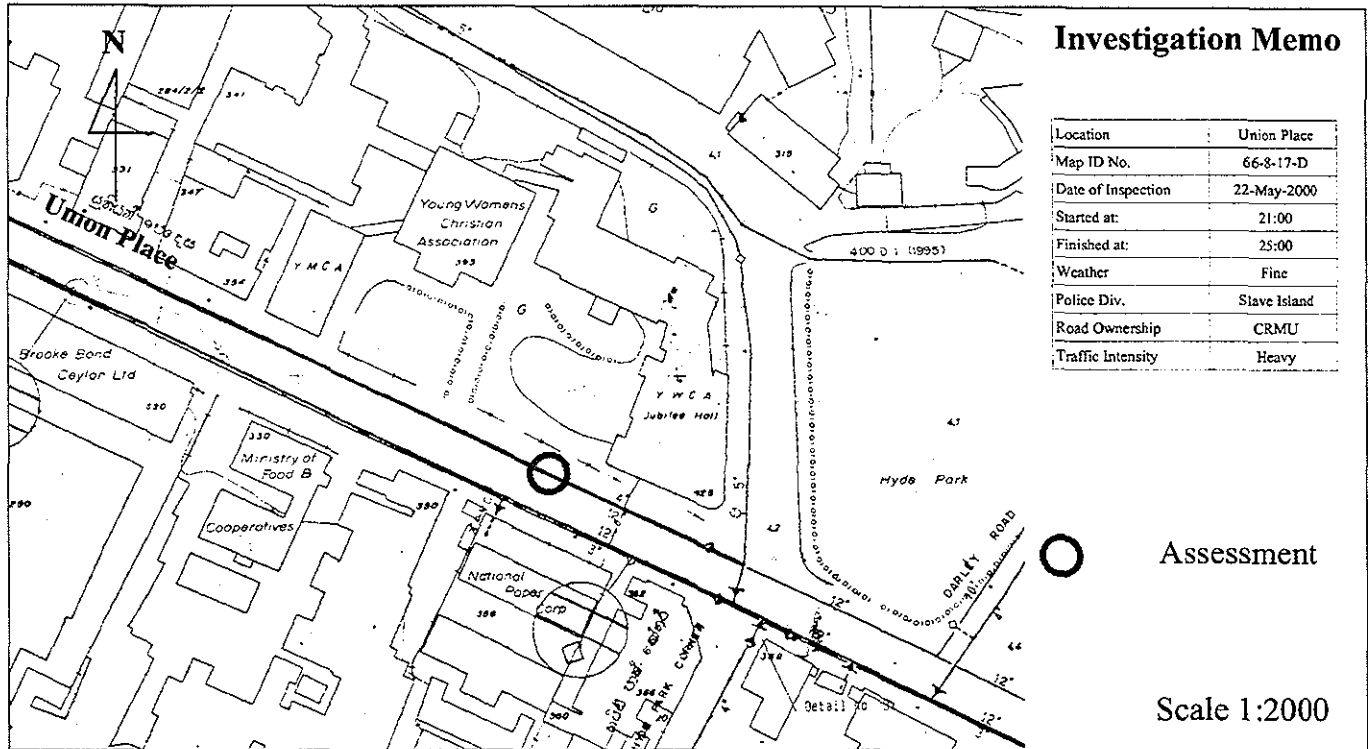
Downstream view from pipe center as draw below

Scale

- ### Notes
- Observed mortar lining inside the pipe despite no indication on NWSDB drawings.
 - Velocity appears to be very high. Flow direction from south to north suggests that the pipe is part of Jubilee system

Pipeline Assessment (Albert Crescent)

Appendix 5C



Investigation Memo

| | |
|--------------------|--------------|
| Location | Union Place |
| Map ID No. | 66-8-17-D |
| Date of Inspection | 22-May-2000 |
| Started at: | 21:00 |
| Finished at: | 25:00 |
| Weather | Fine |
| Police Div. | Slave Island |
| Road Ownership | CRMU |
| Traffic Intensity | Heavy |

Assessment

Scale 1:2000

Investigation Results

| | |
|---------------------------------------|-----------------------|
| Measured Circumference (mm) | 1020 |
| Age Group | 70 to 100 years |
| Previous Scraping | None |
| Pipe Depth (m) | 0.95 |
| Pipe Location | under Roadway (paved) |
| Pipe Wall Condition | Good |
| Water Pressure (kgf/cm ²) | 1.00 |
| Max. Scale Thickness (mm) | 25 |
| State of Encrustation | Light |
| Effective Cross Section Area | 69% |
| Bubbles | High |
| Residual Chlorine (mg/l) | 0.1 |
| pH | 7.44 |
| EC (ms/m) | 3.22 |

Internal View of Pipe

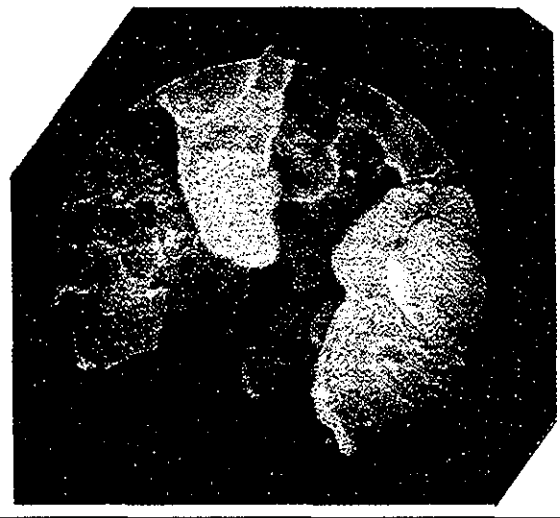


Photo No.1
Upstream view from upper part of pipe as drawn below

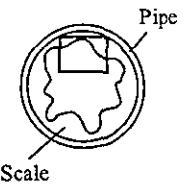
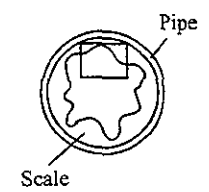


Photo No.2
Downstream view from pipe center as drawn below

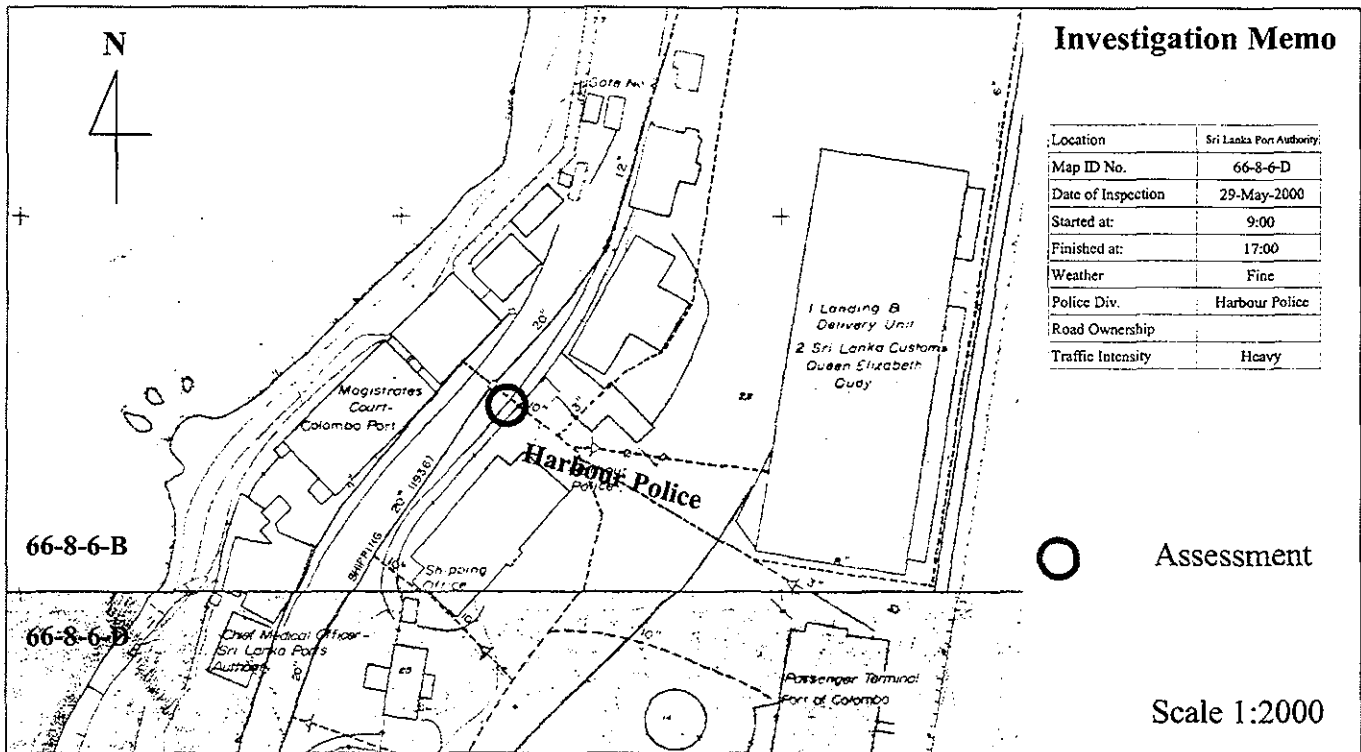


Notes

- This pipe has been laid in parallel to a 10inch and a 4-inch pipes.
- Flow direction from west to east suggests that this pipe is part of Maligakanda system.

Pipeline Assessment (Union Place)

Appendix 5C



Investigation Memo

| | |
|--------------------|--------------------------|
| Location | Sri Lanka Port Authority |
| Map ID No. | 66-8-6-D |
| Date of Inspection | 29-May-2000 |
| Started at: | 9:00 |
| Finished at: | 17:00 |
| Weather | Fine |
| Police Div. | Harbour Police |
| Road Ownership | |
| Traffic Intensity | Heavy |

○ Assessment

Scale 1:2000

Investigation Results

| | |
|---------------------------------------|-----------------|
| Measured Circumference (mm) | 762 |
| Age Group | 70 to 100 years |
| Previous Scraping | None |
| Pipe Depth (m) | 1.10 |
| Pipe Location | Roadway |
| Pipe Wall Condition | Good |
| Water Pressure (kgf/cm ²) | 1.40 |
| Max. Scale Thickness (mm) | 20 |
| State of Encrustation | Light |
| Effective Cross Section Area | 64% |
| Bubbles | Low |
| Residual Chlorine (mg/l) | 0.1 |
| pH | 7.53 |
| EC (ms/m) | 2.78 |

Internal View of Pipe

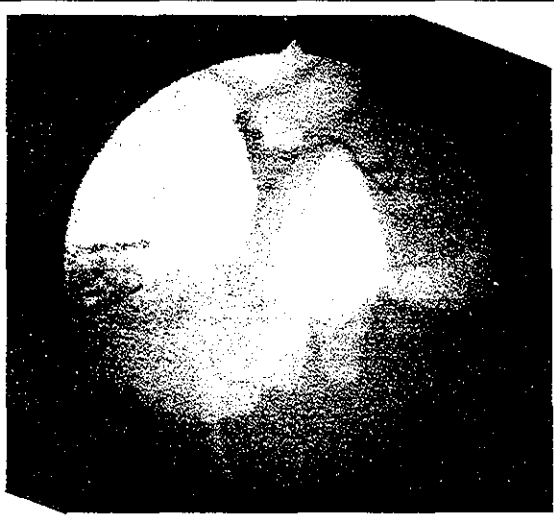


Photo No.1
Upstream view from upper part of pipe as drawn below

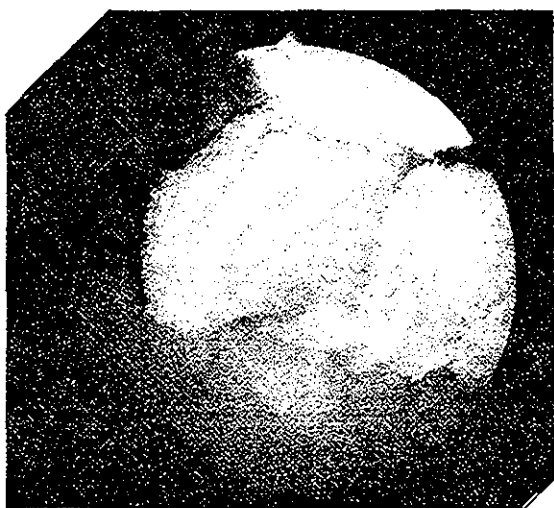
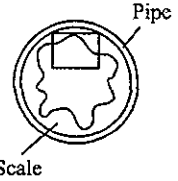
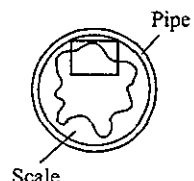


Photo No.2
Downstream view from pipe center as drawn below

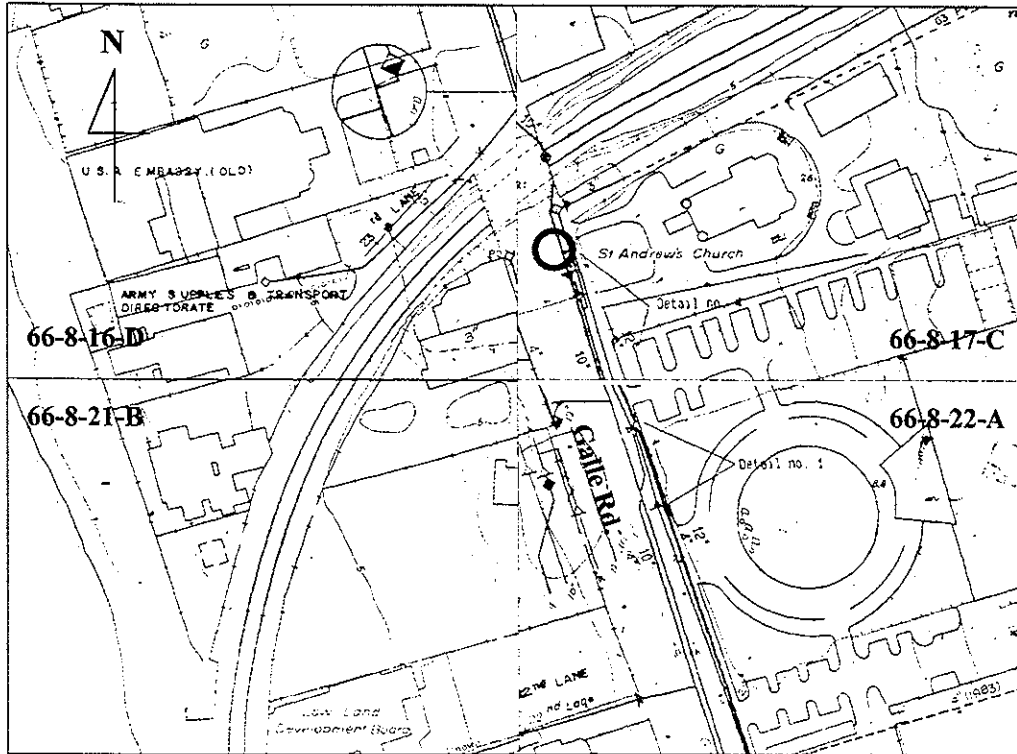


Notes

- NWSDB drawings indicated " 10inch" , but was actually found to be 8inch.
- Investigation point was end of pipeline network
- Velocity appears to be low.

Pipeline Assessment (Sri Lanka Port Authority)

Appendix 5C



Investigation Memo

| | |
|--------------------|-------------|
| Location | Galle Rd3 |
| Map ID No. | 66-8-17-C |
| Date of Inspection | 29-May-2000 |
| Started at: | 20:00 |
| Finished at: | 2:00 |
| Weather | Fine |
| Police Div. | |
| Road Ownership | |
| Traffic Intensity | Heavy |

○ Assessment

Scale 1:2000

Investigation Results

| | |
|---------------------------------------|-----------------|
| Measured Circumference (mm) | 935 |
| Age Group | 70 to 100 years |
| Previous Scraping | None |
| Pipe Depth (m) | 1.18 |
| Pipe Location | Roadway |
| Pipe Wall Condition | Good |
| Water Pressure (kgf/cm ²) | 0.50 |
| Max. Scale Thickness (mm) | 15 |
| State of Encrustation | Light |
| Effective Cross Section Area | 77% |
| Bubbles | High |
| Residual Chlorine (mg/l) | 0.1 |
| pH | 7.00 |
| EC (ms/m) | 2.71 |

Internal View of Pipe



Photo No.1

Upstream view from upper part of pipe as drawn below

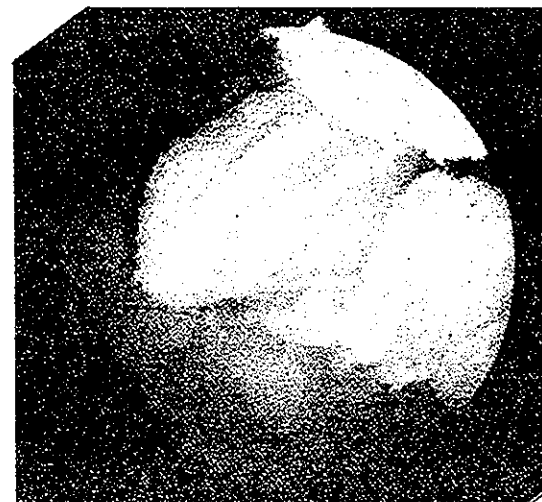
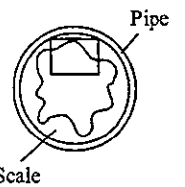
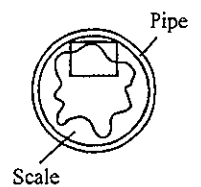


Photo No.2

Downstream view from pipe center as drawn below



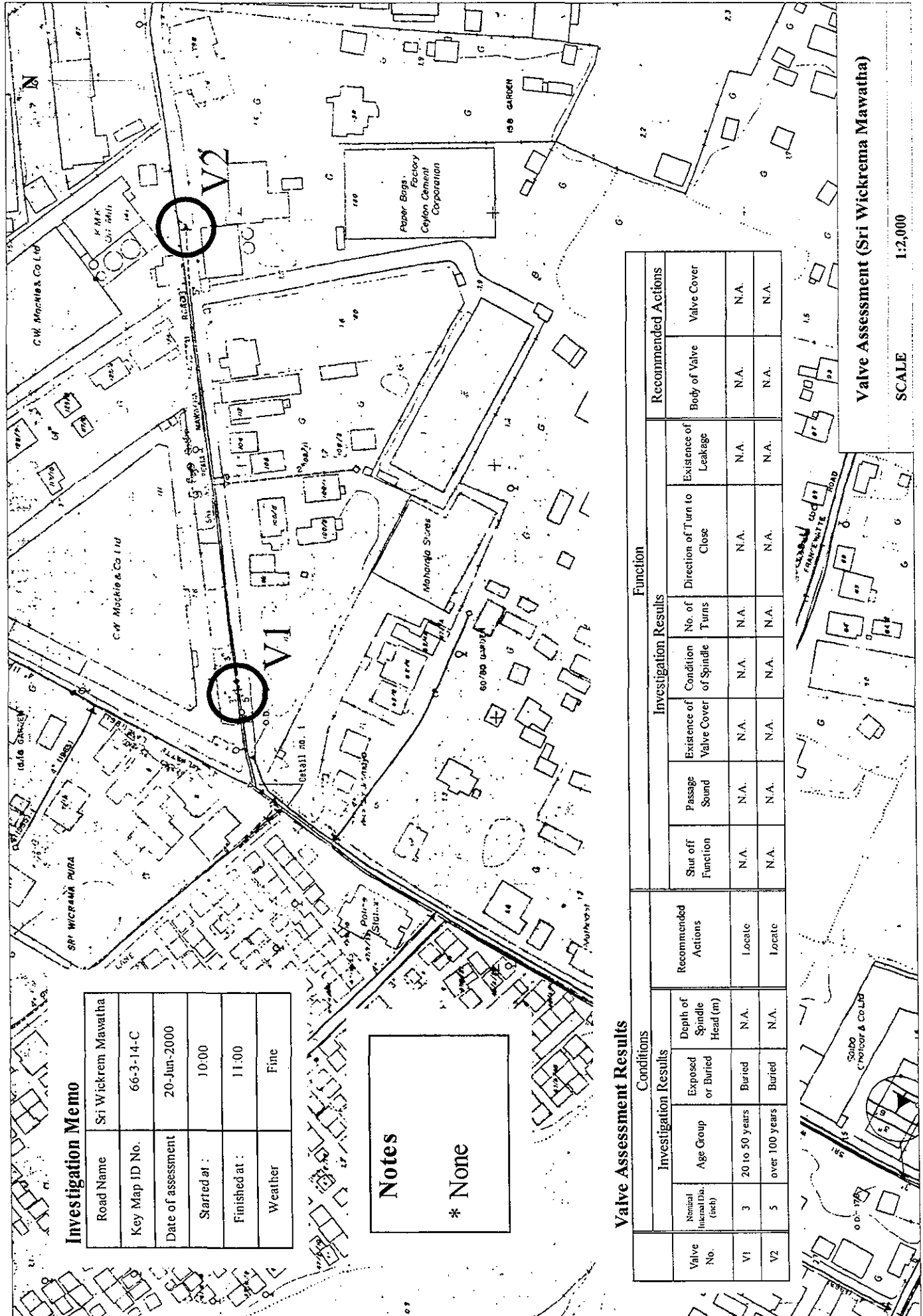
Notes

- The power cable, the telecom cable and pipeline were congested in the investigation point.
- The air mixing rate was high, and velocity was slightly fast, the water pressure was 0.5 kgf/cm²

Pipeline Assessment (Galle Rd. 3)

APPENDIX 5D

RESULTS OF VALVE ASSESSMENT



Investigation Memo

| | |
|--------------------|---------------------|
| Road Name | Sri Wickrem Mawatha |
| Key Map ID No. | 66-3-14-C |
| Date of assessment | 20-Jun-2000 |
| Started at : | 10:00 |
| Finished at : | 11:00 |
| Weather | Fine |

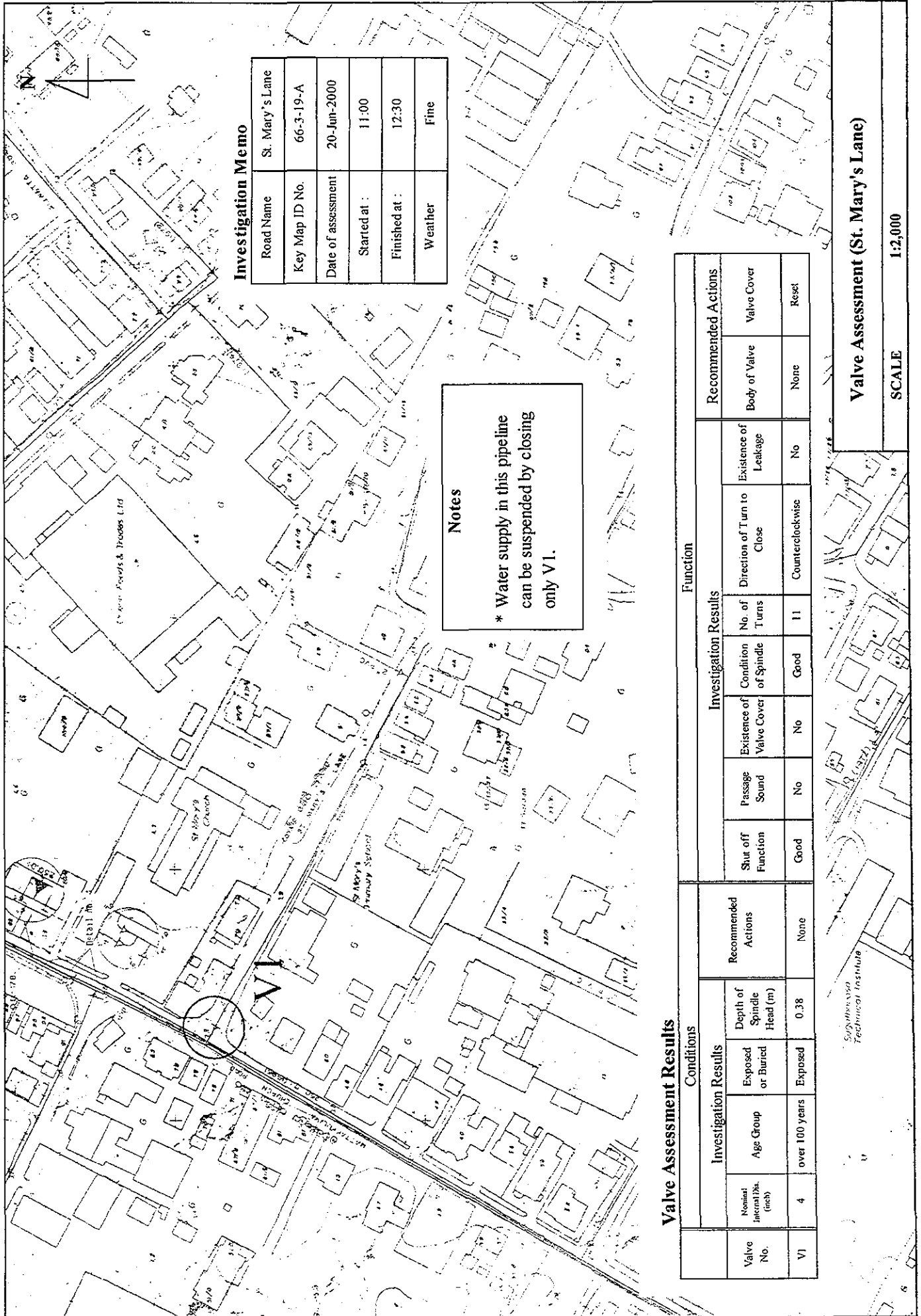
Notes
* None

Valve Assessment Results

| Valve No. | Conditions | | | | Function | | | | Recommended Actions | | | | |
|-----------|------------------------------|----------------|-------------------|---------------------------|-----------------------|---------------|--------------------------|----------------------|-----------------------|----------------------------|----------------------|---------------|-------------|
| | Investigation Results | | | | Investigation Results | | | | Investigation Results | | | | |
| | Nominal Internal Dia. (inch) | Age Group | Exposed or Buried | Depth of Spindle Head (m) | Shut off Function | Passage Sound | Existence of Valve Cover | Condition of Spindle | No. of Turns | Direction of Turn to Close | Existence of Leakage | Body of Valve | Valve Cover |
| V1 | 3 | 20 to 50 years | Buried | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| V2 | 5 | over 100 years | Buried | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

Valve Assessment (Sri Wickrema Mawatha)

SCALE 1:2,000



Investigation Memo

| | |
|--------------------|-----------------|
| Road Name | St. Mary's Lane |
| Key Map ID No. | 66-3-19-A |
| Date of assessment | 20-Jun-2000 |
| Started at : | 11:00 |
| Finished at : | 12:30 |
| Weather | Fine |

Notes

* Water supply in this pipeline can be suspended by closing only VI.

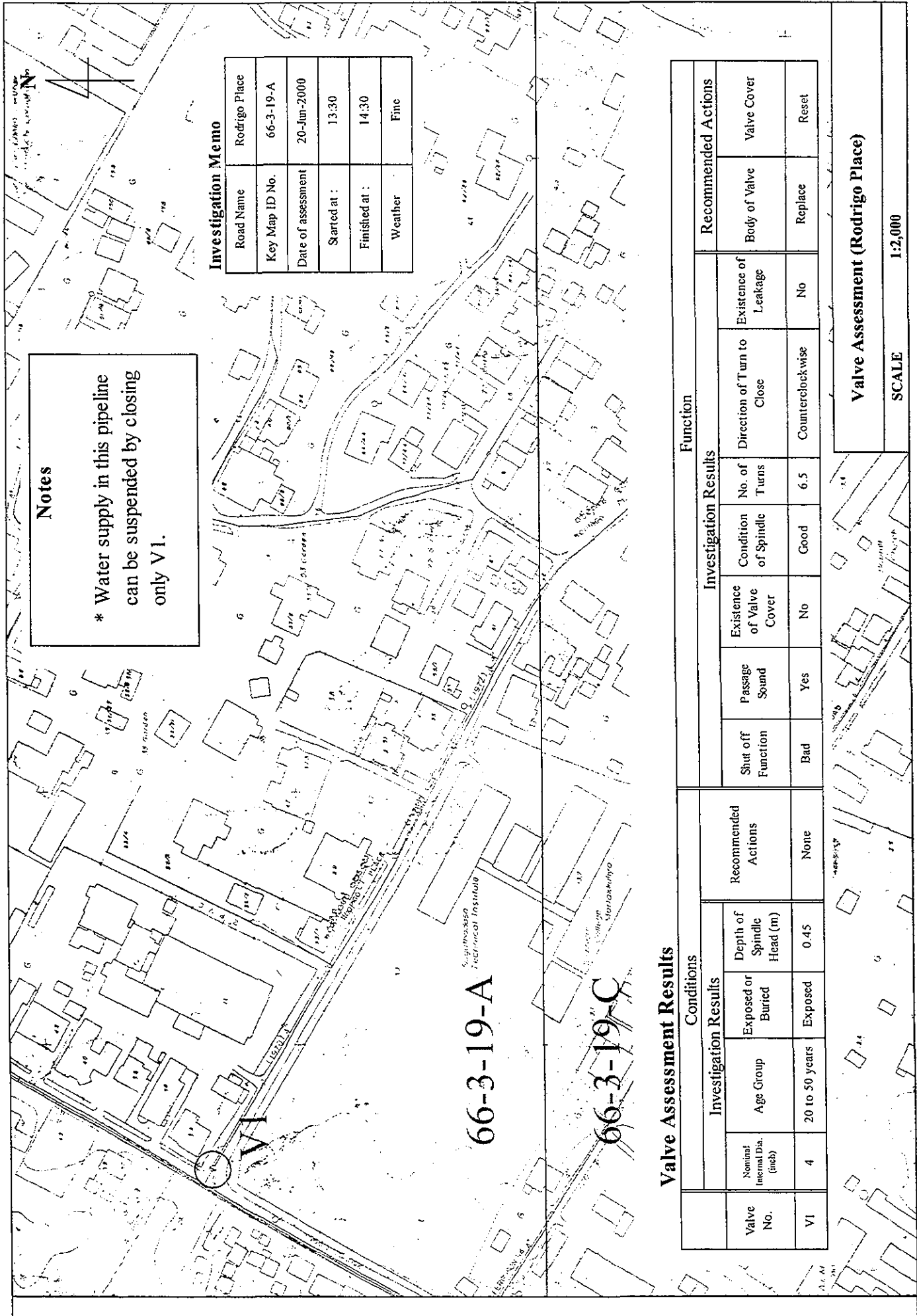
Valve Assessment Results

| Valve No. | Conditions | | | | Function | | | | | | | | |
|-----------|----------------------------|----------------|-------------------|---------------------|---------------------------|-------------------|---------------|--------------------------|----------------------|------------------|----------------------------|----------------------|---------------|
| | Investigation Results | | | Recommended Actions | Investigation Results | | | Recommended Actions | | | | | |
| | Nominal Internal Dia. (mm) | Age Group | Exposed or Buried | | Depth of Spindle Head (m) | Shut off Function | Passage Sound | Existence of Valve Cover | Condition of Spindle | No. of Turns | Direction of Turn to Close | Existence of Leakage | Body of Valve |
| VI | 4 | over 100 years | Exposed | 0.38 | Good | No | No | Good | 11 | Counterclockwise | No | None | Reset |

Submitted to
Technical Institute

Valve Assessment (St. Mary's Lane)

SCALE 1:2,000



Notes

* Water supply in this pipeline can be suspended by closing only V1.

Investigation Memo

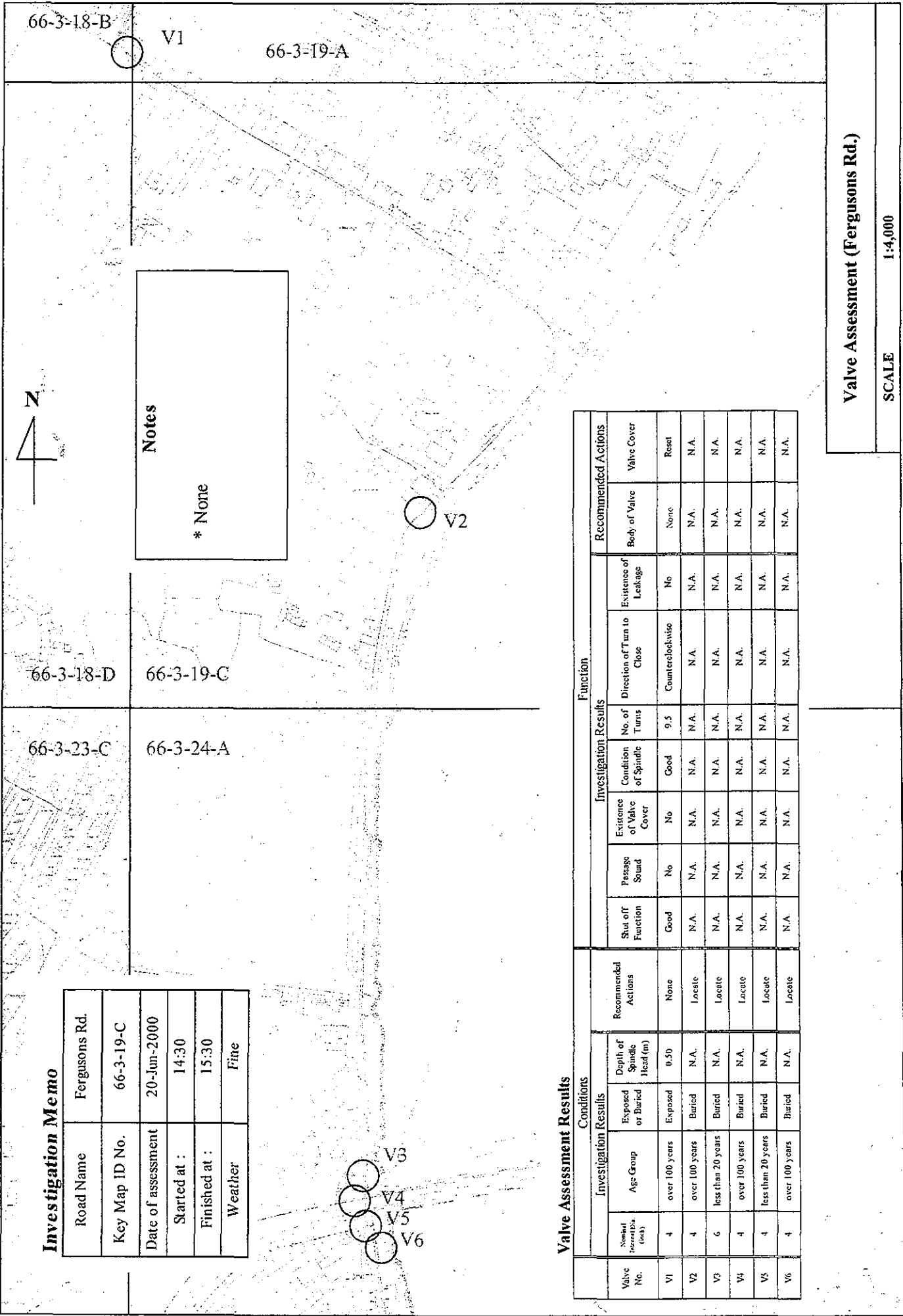
| | |
|--------------------|---------------|
| Road Name | Rodrigo Place |
| Key Map ID No. | 66-3-19-A |
| Date of assessment | 20-Jun-2000 |
| Started at : | 13:30 |
| Finished at : | 14:30 |
| Weather | Fine |

Valve Assessment Results

| Valve No. | Conditions | | | | Function | | | | Recommended Actions | | | | |
|-----------|------------------------------|----------------|-------------------|---------------------------|-------------------|---------------|--------------------------|----------------------|---------------------|----------------------------|----------------------|---------------|-------------|
| | Nominal Internal Dia. (inch) | Age Group | Exposed or Buried | Depth of Spindle Head (m) | Shut off Function | Passage Sound | Existence of Valve Cover | Condition of Spindle | No. of Turns | Direction of Turn to Close | Existence of Leakage | Body of Valve | Valve Cover |
| VI | 4 | 20 to 50 years | Exposed | 0.45 | Bad | Yes | No | Good | 6.5 | Counterclockwise | No | Replace | Reset |

Valve Assessment (Rodrigo Place)

SCALE 1:2,000



Investigation Memo

| | |
|--------------------|---------------|
| Road Name | Fergusons Rd. |
| Key Map ID No. | 66-3-19-C |
| Date of assessment | 20-Jun-2000 |
| Started at : | 14:30 |
| Finished at : | 15:30 |
| Weather | Fine |

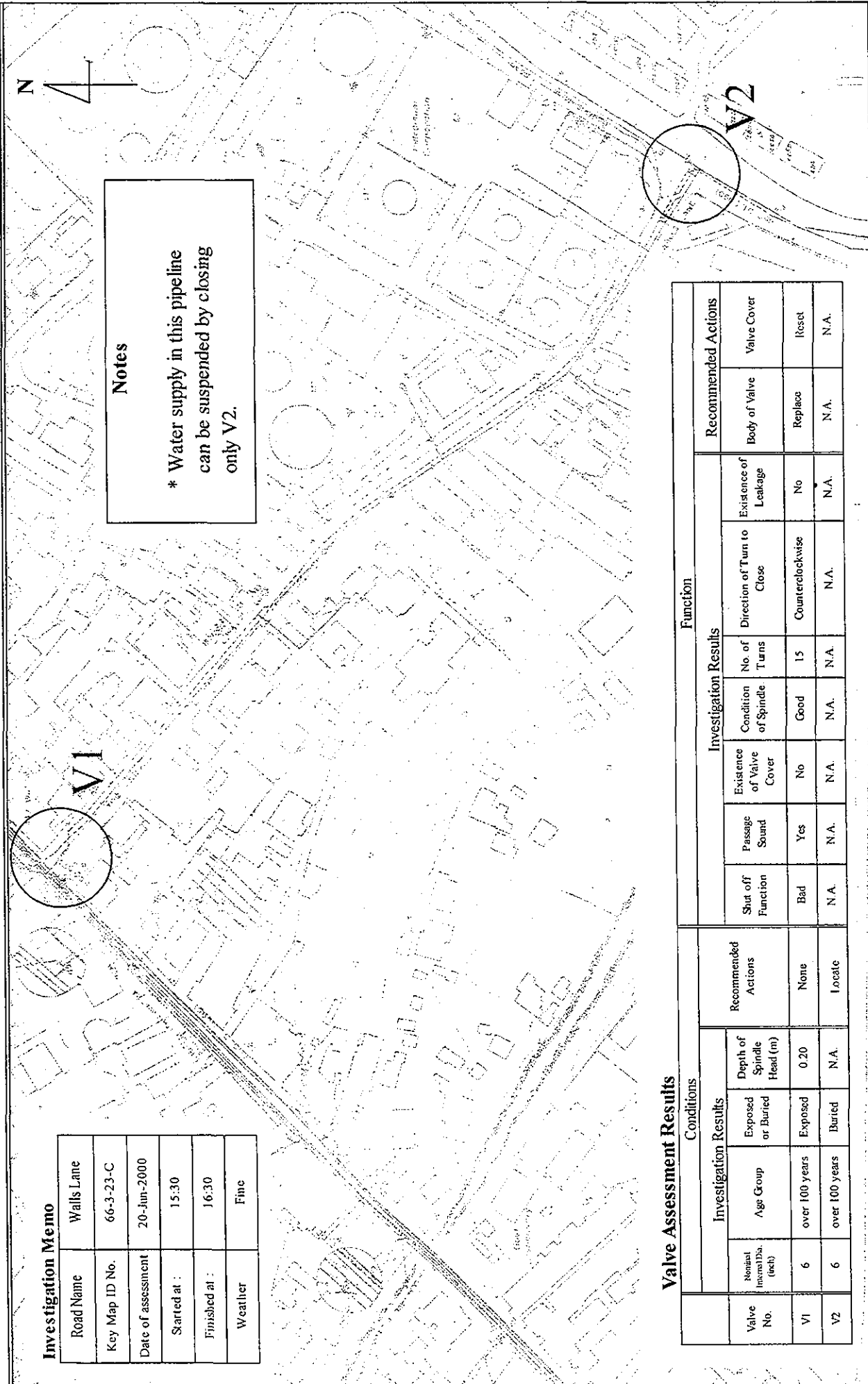
Notes
* None

Valve Assessment Results

| Valve No. | Conditions | | | | | | Function | | | | | | | |
|-----------|-----------------------|--------------------|-------------------|---------------------------|---------------------|-------------------|-----------------------|--------------------------|----------------------|---------------------|----------------------------|----------------------|---------------|-------------|
| | Investigation Results | | | Recommended Actions | | | Investigation Results | | | Recommended Actions | | | | |
| | Normal Interdia (cm) | Age Group | Exposed or Buried | Depth of Spindle Head (m) | Recommended Actions | Shut off Function | Passage Sound | Existence of Valve Cover | Condition of Spindle | No. of Turns | Direction of Turn to Close | Existence of Leakage | Body of Valve | Valve Cover |
| V1 | 4 | over 100 years | Exposed | 0.50 | None | Good | No | No | Good | 9.5 | Counter-clockwise | No | None | Reset |
| V2 | 4 | over 100 years | Buried | N.A. | Locate | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| V3 | 6 | less than 20 years | Buried | N.A. | Locate | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| V4 | 4 | over 100 years | Buried | N.A. | Locate | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| V5 | 4 | less than 20 years | Buried | N.A. | Locate | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| V6 | 4 | over 100 years | Buried | N.A. | Locate | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

Valve Assessment (Fergusons Rd.)

SCALE 1:4,000



Notes

* Water supply in this pipeline can be suspended by closing only V2.

Investigation Memo

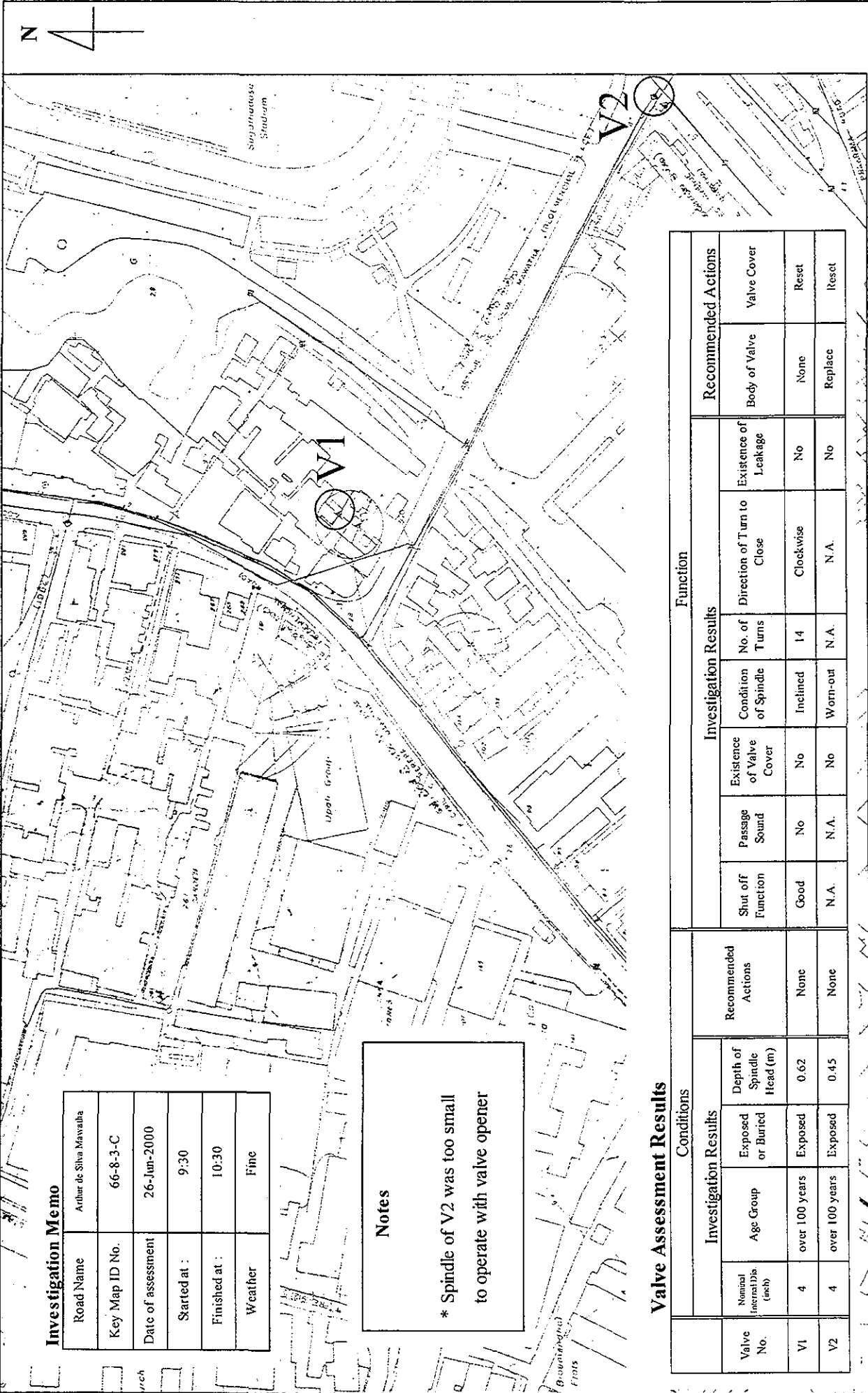
| | |
|--------------------|-------------|
| Road Name | Walls Lane |
| Key Map ID No. | 66-3-23-C |
| Date of assessment | 20-Jun-2000 |
| Started at : | 15:30 |
| Finished at : | 16:30 |
| Weather | Fine |

Valve Assessment Results

| Valve No. | Function | | | | | | | | | | | | | |
|-----------|---------------------------|----------------|-------------------|---------------------------|---------------------|-----------------------|---------------|--------------------------|----------------------|--------------|----------------------------|----------------------|---------------|-------------|
| | Conditions | | | | | Investigation Results | | | | | Recommended Actions | | | |
| | Nonvalve Integrity (inch) | Age Group | Exposed or Buried | Depth of Spindle Head (m) | Recommended Actions | Shut off Function | Passage Sound | Existence of Valve Cover | Condition of Spindle | No. of Turns | Direction of Turn to Close | Existence of Leakage | Body of Valve | Valve Cover |
| V1 | 6 | over 100 years | Exposed | 0.20 | None | Bad | Yes | No | Good | 15 | Counterclockwise | No | Replace | Reset |
| V2 | 6 | over 100 years | Buried | N.A. | Locate | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

Valve Assessment (Walls Lane)

SCALE 1:2,000



Investigation Memo

| | |
|--------------------|-------------------------|
| Road Name | Arthur de Silva Mawatha |
| Key Map ID No. | 66-8-3-C |
| Date of assessment | 26-Jun-2000 |
| Started at : | 9:30 |
| Finished at : | 10:30 |
| Weather | Fine |

Notes

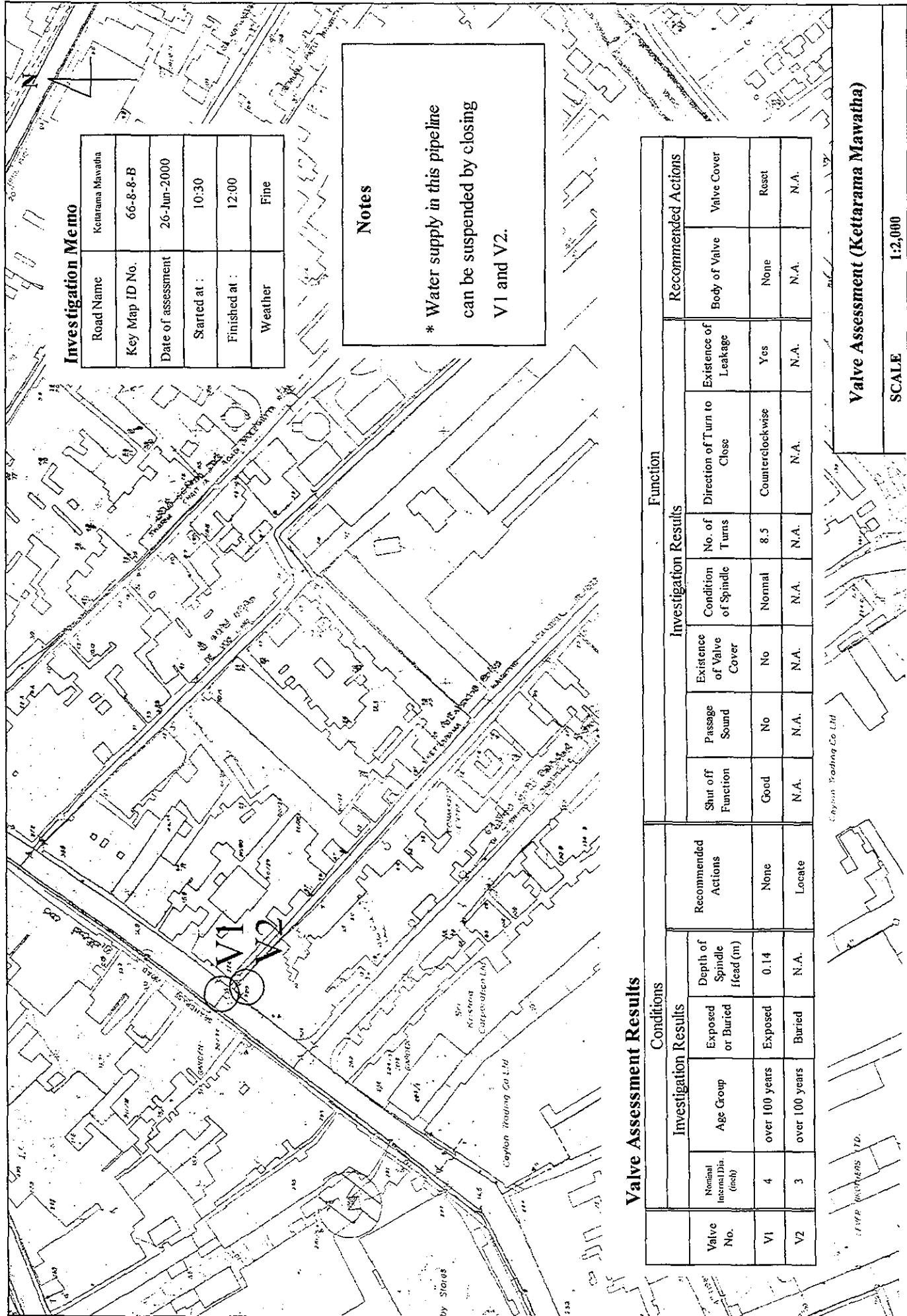
* Spindle of V2 was too small to operate with valve opener

Valve Assessment Results

| Valve No. | Conditions | | | | | | Function | | | | | | | |
|-----------|-----------------------------|----------------|-------------------|---------------------------|---------------------|-------------------|-----------------------|--------------------------|----------------------|---------------------|----------------------------|----------------------|---------------|-------------|
| | Investigation Results | | | Recommended Actions | | | Investigation Results | | | Recommended Actions | | | | |
| | Nominal Internal Dia (inch) | Age Group | Exposed or Buried | Depth of Spindle Head (m) | Recommended Actions | Shut off Function | Passage Sound | Existence of Valve Cover | Condition of Spindle | No. of Turns | Direction of Turn to Close | Existence of Leakage | Body of Valve | Valve Cover |
| V1 | 4 | over 100 years | Exposed | 0.62 | None | Good | No | No | Inclined | 14 | Clockwise | No | None | Reset |
| V2 | 4 | over 100 years | Exposed | 0.45 | None | N.A. | N.A. | No | Worn-out | N.A. | N.A. | No | Replace | Reset |

Valve Assessment (Arthur de Silva Mawatha)

SCALE 1:2,000



Investigation Memo

| | |
|--------------------|-------------------|
| Road Name | Kottarama Mawatha |
| Key Map ID No. | 66-8-8-B |
| Date of assessment | 26-Jun-2000 |
| Started at : | 10:30 |
| Finished at : | 12:00 |
| Weather | Fine |

Notes

* Water supply in this pipeline can be suspended by closing V1 and V2.

Valve Assessment Results

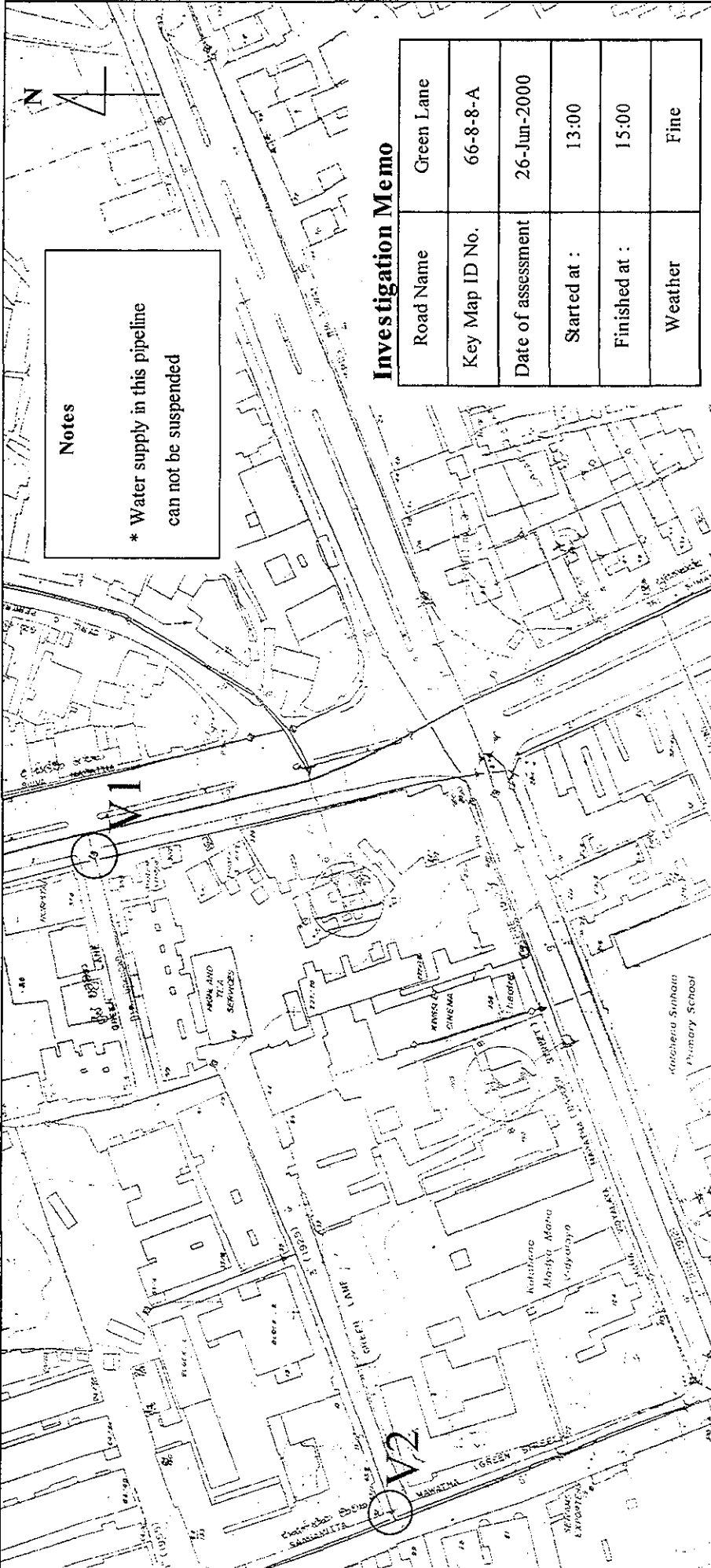
| Valve No. | Conditions | | | | Function | | | | | | | | |
|-----------|------------------------------|----------------|-------------------|---------------------|-----------------------------|-------------------|---------------|--------------------------|----------------------|------------------|----------------------------|----------------------|---------------|
| | Investigation Results | | | Recommended Actions | Investigation Results | | | Recommended Actions | | | | | |
| | Nominal Internal Dia. (inch) | Age Group | Exposed or Buried | | Depth of Spindle I/lead (m) | Shut off Function | Passage Sound | Existence of Valve Cover | Condition of Spindle | No. of Turns | Direction of Turn to Close | Existence of Leakage | Body of Valve |
| V1 | 4 | over 100 years | Exposed | 0.14 | Good | No | No | Normal | 8.5 | Counterclockwise | Yes | None | Reset |
| V2 | 3 | over 100 years | Buried | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |

Valve Assessment (Kettarama Mawatha)

SCALE 1:2,000

Ceylon Trading Co Ltd

Ceylon Trading Co Ltd



Notes
* Water supply in this pipeline can not be suspended

Investigation Memo

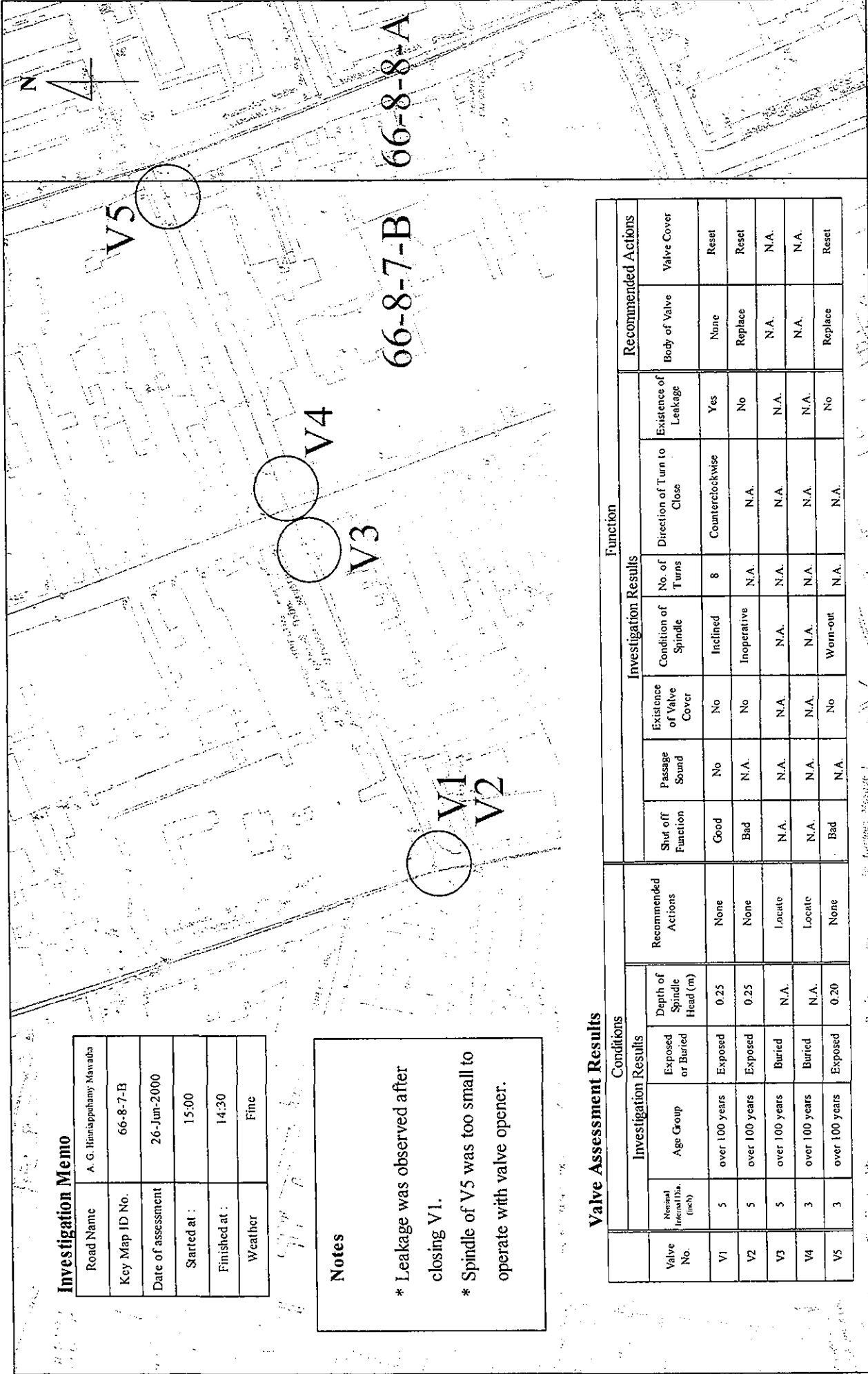
| | |
|--------------------|-------------|
| Road Name | Green Lane |
| Key Map ID No. | 66-8-8-A |
| Date of assessment | 26-Jun-2000 |
| Started at : | 13:00 |
| Finished at : | 15:00 |
| Weather | Fine |

Valve Assessment Results

| Valve No. | Conditions | | | | Function | | | | | | | | |
|-----------|------------------------------|-----------------|-------------------|---------------------------|-----------------------|-------------------|---------------|--------------------------|----------------------|--------------|----------------------------|----------------------|---------------------|
| | Investigation Results | | | | Investigation Results | | | | | | | | |
| | Nominal Internal Dia. (inch) | Age Group | Exposed or Buried | Depth of Spindle Head (m) | Recommended Actions | Shut off Function | Passage Sound | Existence of Valve Cover | Condition of Spindle | No. of Turns | Direction of Turn to Close | Existence of Leakage | Recommended Actions |
| V1 | Unknown | Unknown | Exposed | 0.40 | None | Good | No | No | Inclined | 9 | Counterclockwise | Yes | Rehabilitate |
| V2 | 3 | 70 to 100 years | Exposed | 0.15 | None | Bad | Yes | No | Normal | 10 | Counterclockwise | No | Replace |

Valve Assessment (Green Lane)

SCALE 1:2,000



Investigation Memo

| | |
|--------------------|-----------------------------|
| Road Name | A. G. Hinniappahamy Mawatha |
| Key Map ID No. | 66-8-7-B |
| Date of assessment | 26-Jun-2000 |
| Started at : | 15:00 |
| Finished at : | 14:30 |
| Weather | Fine |

Notes

- * Leakage was observed after closing V1.
- * Spindle of V5 was too small to operate with valve opener.

Valve Assessment Results

| Valve No. | Conditions | | | | Function | | | | | | | | |
|-----------|------------------------------|----------------|-------------------|---------------------|---------------------------|-------------------|---------------|--------------------------|----------------------|------------------|----------------------------|----------------------|---------------|
| | Investigation Results | | | Recommended Actions | Investigation Results | | | | Recommended Actions | | | | |
| | Nominal Internal Dia. (inch) | Age Group | Exposed or Buried | | Depth of Spindle Head (m) | Shut off Function | Passage Sound | Existence of Valve Cover | Condition of Spindle | No. of Turns | Direction of Turn to Close | Existence of Leakage | Body of Valve |
| V1 | 5 | over 100 years | Exposed | 0.25 | Good | No | No | Inclined | 8 | Counterclockwise | Yes | None | Reset |
| V2 | 5 | over 100 years | Exposed | 0.25 | Bad | N.A. | No | Inoperative | N.A. | N.A. | No | Replace | Reset |
| V3 | 5 | over 100 years | Buried | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| V4 | 3 | over 100 years | Buried | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| V5 | 3 | over 100 years | Exposed | 0.20 | Bad | N.A. | No | Worn-out | N.A. | N.A. | No | Replace | Reset |

Valve Assessment (A. G. Hinniappahamy Mawatha)

SCALE 1:2,000

Valve Assessment Results

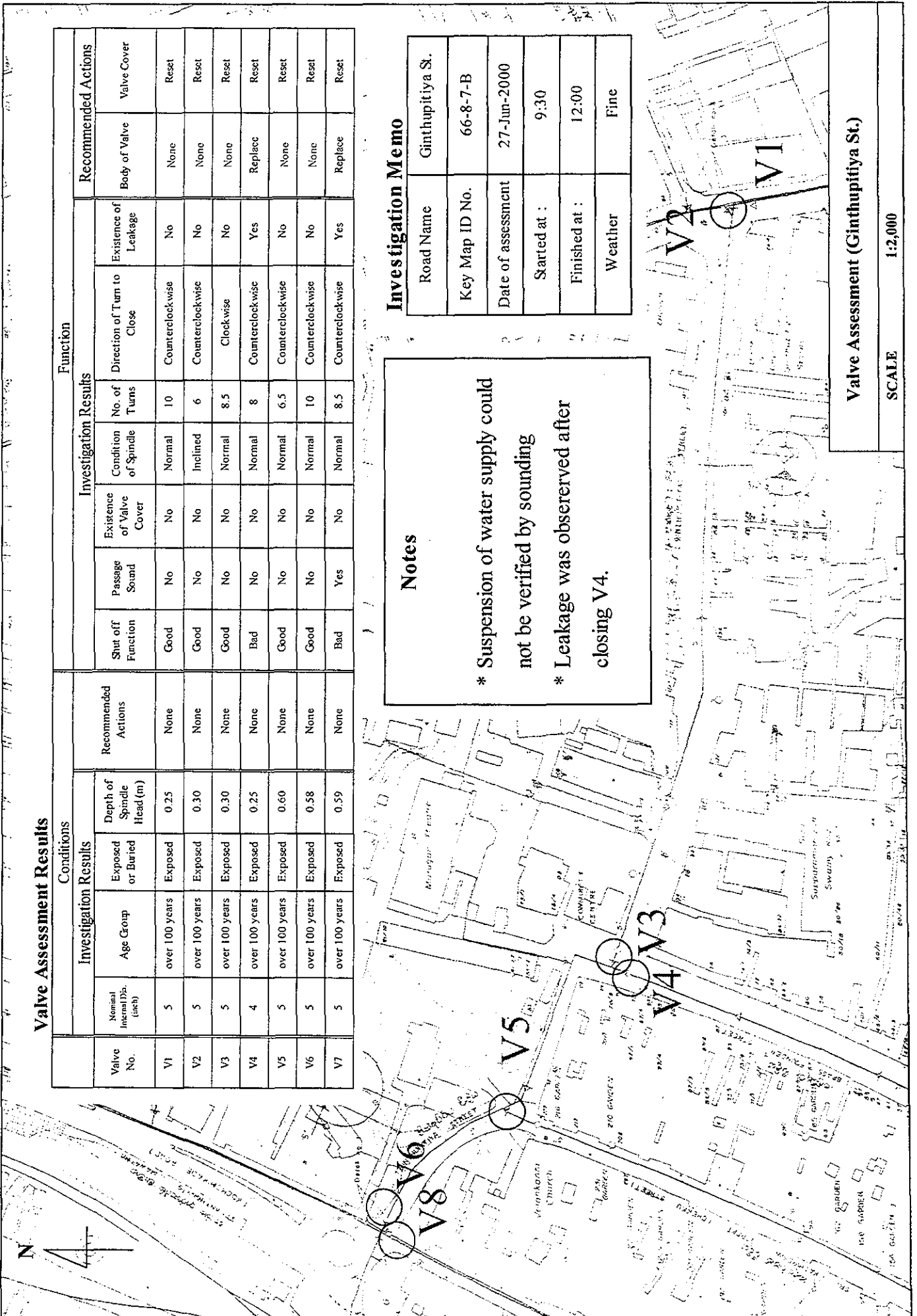
| Valve No. | Conditions | | | | | Function | | | | | | | | |
|-----------|------------------------------|----------------|-------------------|---------------------------|---------------------|-----------------------|---------------|--------------------------|----------------------|--------------|----------------------------|----------------------|---------------|-------------|
| | Investigation Results | | | | | Investigation Results | | | | | Recommended Actions | | | |
| | Nominal Internal Dia. (inch) | Age Group | Exposed or Buried | Depth of Spindle Head (m) | Recommended Actions | Shut off Function | Passage Sound | Existence of Valve Cover | Condition of Spindle | No. of Turns | Direction of Turn to Close | Existence of Leakage | Body of Valve | Valve Cover |
| V1 | 5 | over 100 years | Exposed | 0.25 | None | Good | No | No | Normal | 10 | Counterclockwise | No | None | Reset |
| V2 | 5 | over 100 years | Exposed | 0.30 | None | Good | No | No | Inclined | 6 | Counterclockwise | No | None | Reset |
| V3 | 5 | over 100 years | Exposed | 0.30 | None | Good | No | No | Normal | 8.5 | Clockwise | No | None | Reset |
| V4 | 4 | over 100 years | Exposed | 0.25 | None | Bad | No | No | Normal | 8 | Counterclockwise | Yes | Replace | Reset |
| V5 | 5 | over 100 years | Exposed | 0.60 | None | Good | No | No | Normal | 6.5 | Counterclockwise | No | None | Reset |
| V6 | 5 | over 100 years | Exposed | 0.58 | None | Good | No | No | Normal | 10 | Counterclockwise | No | None | Reset |
| V7 | 5 | over 100 years | Exposed | 0.59 | None | Bad | Yes | No | Normal | 8.5 | Counterclockwise | Yes | Replace | Reset |

Notes

- * Suspension of water supply could not be verified by sounding
- * Leakage was observed after closing V4.

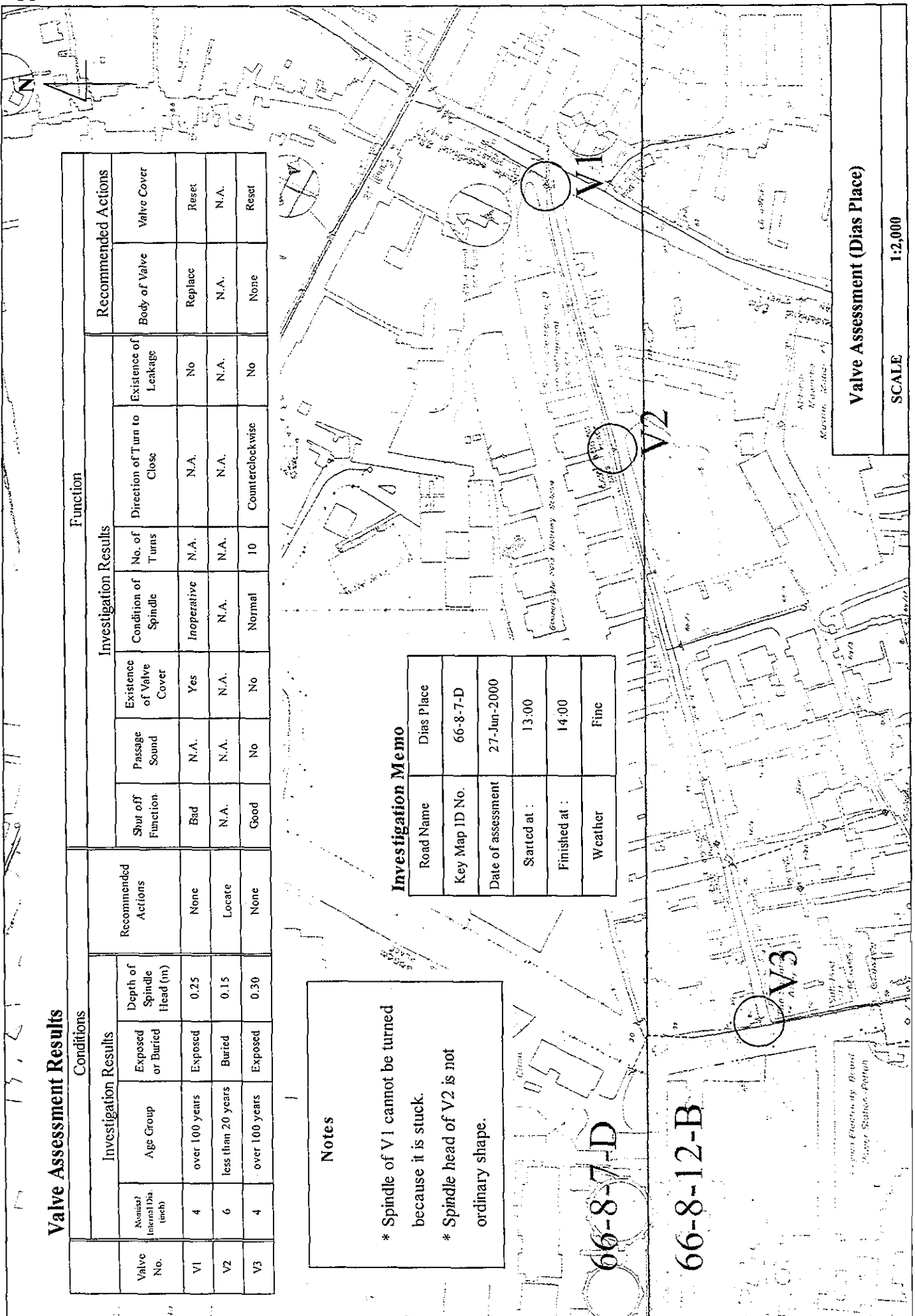
Investigation Memo

| | |
|--------------------|------------------|
| Road Name | Ginthupitiya St. |
| Key Map ID No. | 66-8-7-B |
| Date of assessment | 27-Jun-2000 |
| Started at : | 9:30 |
| Finished at : | 12:00 |
| Weather | Fine |



Valve Assessment (Ginthupitiya St.)

SCALE 1:2,000



Valve Assessment Results

| Valve No. | Conditions | | | | Function | | | | | | | | |
|-----------|-----------------------|--------------------|-------------------|---------------------|---------------------------|-------------------|---------------|--------------------------|----------------------|--------------|----------------------------|----------------------|---------------|
| | Investigation Results | | | Recommended Actions | Investigation Results | | | | Recommended Actions | | | | |
| | Monaco? (inch) | Age Group | Exposed or Buried | | Depth of Spindle Head (m) | Shut off Function | Passage Sound | Existence of Valve Cover | Condition of Spindle | No. of Turns | Direction of Turn to Close | Existence of Leakage | Body of Valve |
| V1 | 4 | over 100 years | Exposed | 0.25 | None | Bad | N.A. | Yes | Inoperative | N.A. | N.A. | Replace | Reset |
| V2 | 6 | less than 20 years | Buried | 0.15 | Locate | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| V3 | 4 | over 100 years | Exposed | 0.30 | None | Good | No | No | Normal | 10 | Counterclockwise | None | Reset |

Notes

- * Spindle of V1 cannot be turned because it is stuck.
- * Spindle head of V2 is not ordinary shape.

Investigation Memo

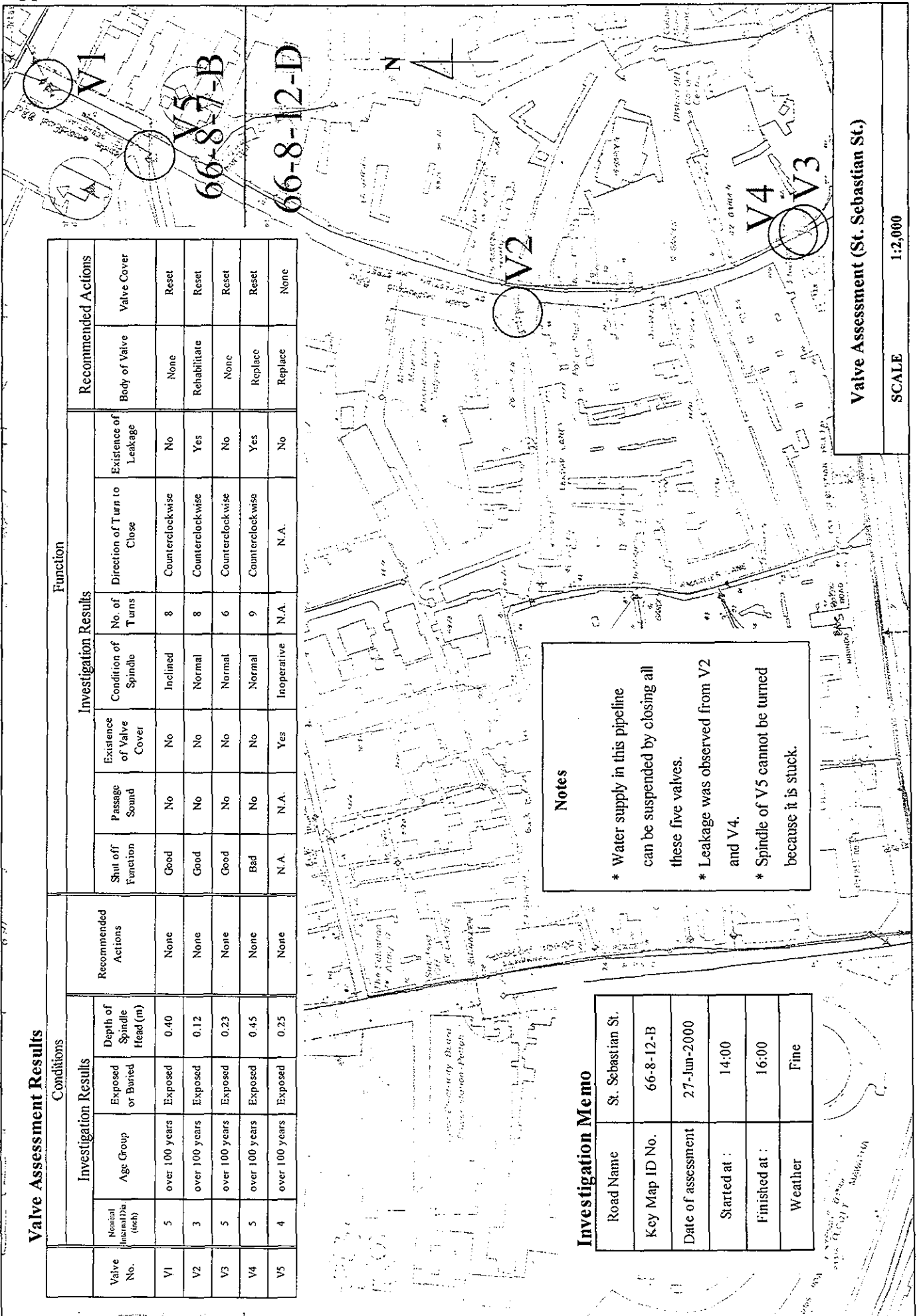
| | |
|--------------------|-------------|
| Road Name | Dias Place |
| Key Map ID No. | 66-8-7-D |
| Date of assessment | 27-Jun-2000 |
| Started at : | 13:00 |
| Finished at : | 14:00 |
| Weather | Fine |

66-8-7-D

66-8-12-B

Valve Assessment (Dias Place)

SCALE 1:2,000



Valve Assessment Results

| Valve No. | Conditions | | | | Function | | | | | | | | |
|-----------|-----------------------------|----------------|-------------------|---------------------------|-----------------------|---------------|--------------------------|----------------------|--------------|----------------------------|----------------------|---------------|-------------|
| | Investigation Results | | | | Investigation Results | | | Recommended Actions | | | | | |
| | Nominal Internal Dia (inch) | Age Group | Exposed or Buried | Depth of Spindle Head (m) | Shut off Function | Passage Sound | Existence of Valve Cover | Condition of Spindle | No. of Turns | Direction of Turn to Close | Existence of Leakage | Body of Valve | Valve Cover |
| V1 | 5 | over 100 years | Exposed | 0.40 | Good | No | No | Inclined | 8 | Counterclockwise | No | None | Reset |
| V2 | 3 | over 100 years | Exposed | 0.12 | Good | No | No | Normal | 8 | Counterclockwise | Yes | Rehabilitate | Reset |
| V3 | 5 | over 100 years | Exposed | 0.23 | Good | No | No | Normal | 6 | Counterclockwise | No | None | Reset |
| V4 | 5 | over 100 years | Exposed | 0.45 | Bad | No | No | Normal | 9 | Counterclockwise | Yes | Replace | Reset |
| V5 | 4 | over 100 years | Exposed | 0.25 | N.A. | N.A. | Yes | Inoperative | N.A. | N.A. | No | Replace | None |

Notes

- * Water supply in this pipeline can be suspended by closing all these five valves.
- * Leakage was observed from V2 and V4.
- * Spindle of V5 cannot be turned because it is stuck.

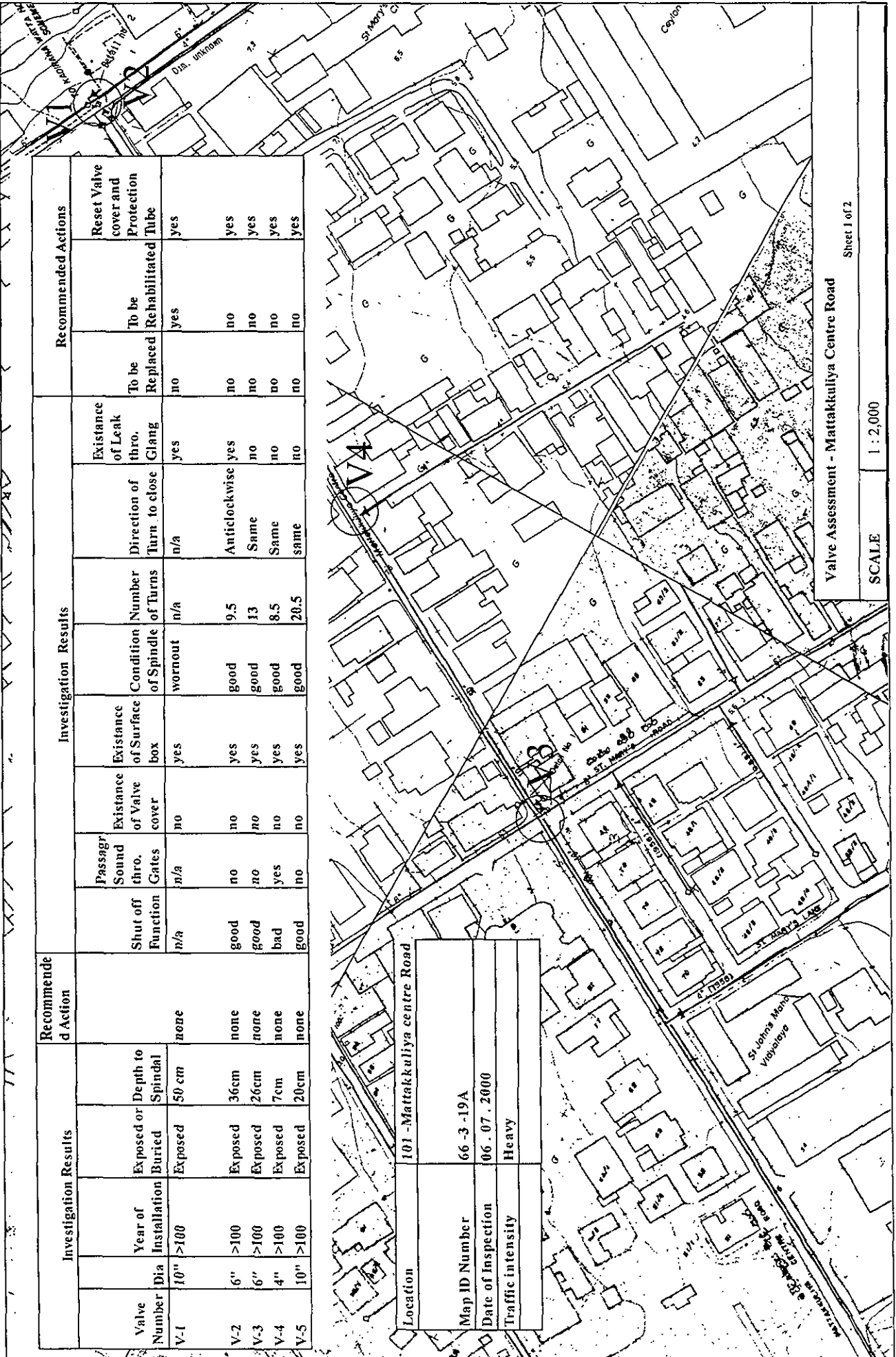
Investigation Memo

| | |
|--------------------|-------------------|
| Road Name | St. Sebastian St. |
| Key Map ID No. | 66-8-12-B |
| Date of assessment | 27-Jun-2000 |
| Started at : | 14:00 |
| Finished at : | 16:00 |
| Weather | Fine |

Valve Assessment (St. Sebastian St.)

SCALE 1:2,000

Appendix 5D



| Investigation Results | | | Recommendation Action | Investigation Results | | | | | | | | Recommended Actions | | | |
|-----------------------|----------------------|-------------------|-----------------------|-----------------------|---------------------------|--------------------------|--------------------------|----------------------|-----------------|----------------------------|-------------------------------|---------------------|---------------------|---------------------------------------|--|
| Valve Number | Year of Installation | Exposed or Buried | Depth to Spindal | Shut off Function | Passage Sound thro. Gates | Existence of Valve cover | Existence of Surface box | Condition of Spindle | Number of Turns | Direction of Turn to close | Existence of Leak thro. Glang | To be Replaced | To be Rehabilitated | Reset Valve cover and Protection Tube | |
| V-1 | >100 | Exposed | 50 cm | n/a | n/a | no | yes | wornout | n/a | n/a | yes | no | yes | yes | |
| V-2 | >100 | Exposed | 36cm | good | no | no | yes | good | 9.5 | Anticlockwise | yes | no | no | yes | |
| V-3 | >100 | Exposed | 26cm | good | no | no | yes | good | 13 | Same | no | no | no | yes | |
| V-4 | >100 | Exposed | 7cm | bad | yes | no | yes | good | 8.5 | Same | no | no | no | yes | |
| V-5 | >100 | Exposed | 20cm | good | no | no | yes | good | 20.5 | same | no | no | no | yes | |

Location
101 - Mattakkuliya centre Road

Map ID Number
66-3-19A

Date of Inspection
06.07.2000

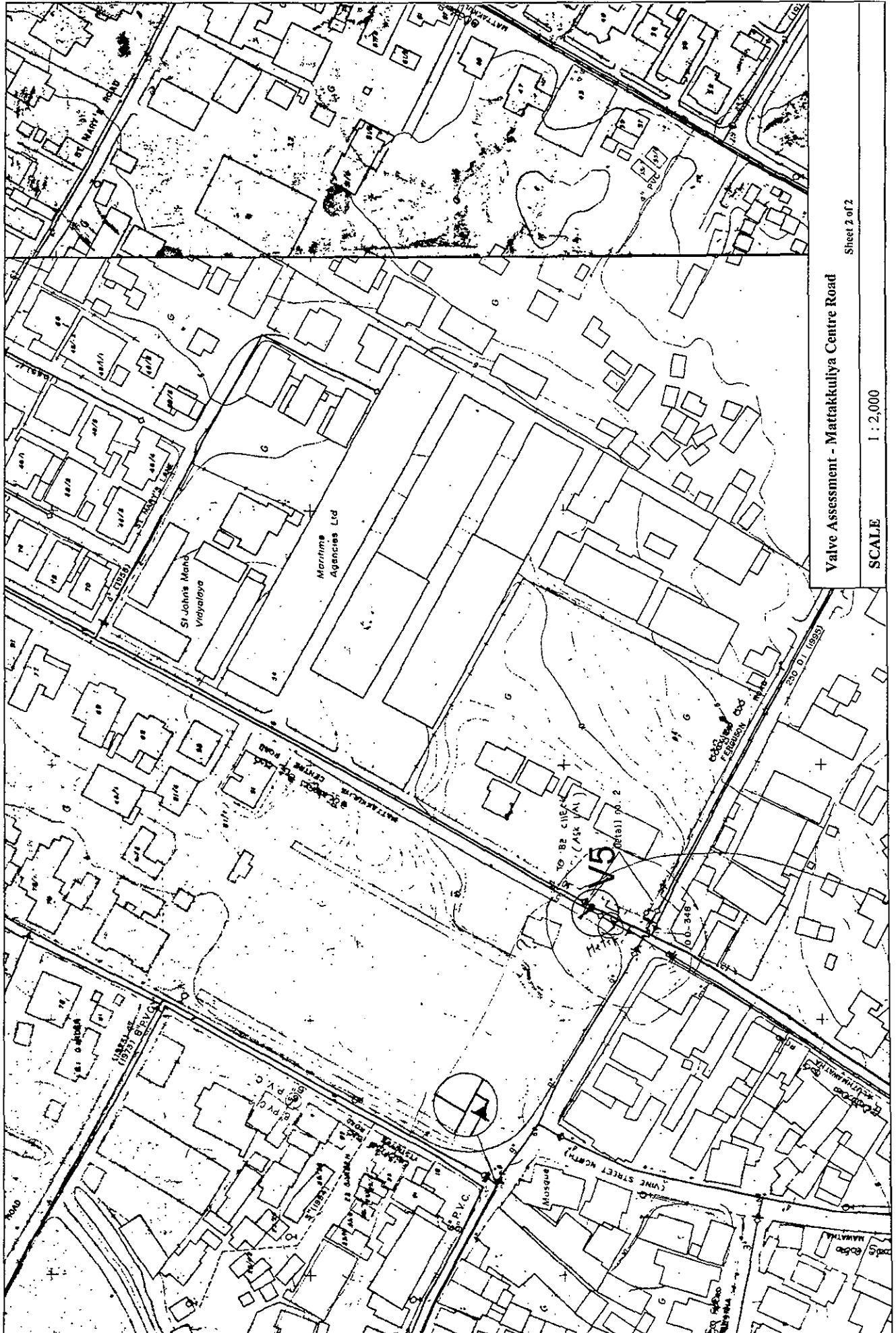
Traffic intensity
Heavy

Sheet 1 of 2

Valve Assessment - Mattakkuliya Centre Road

SCALE 1 : 2,000

Appendix 5D

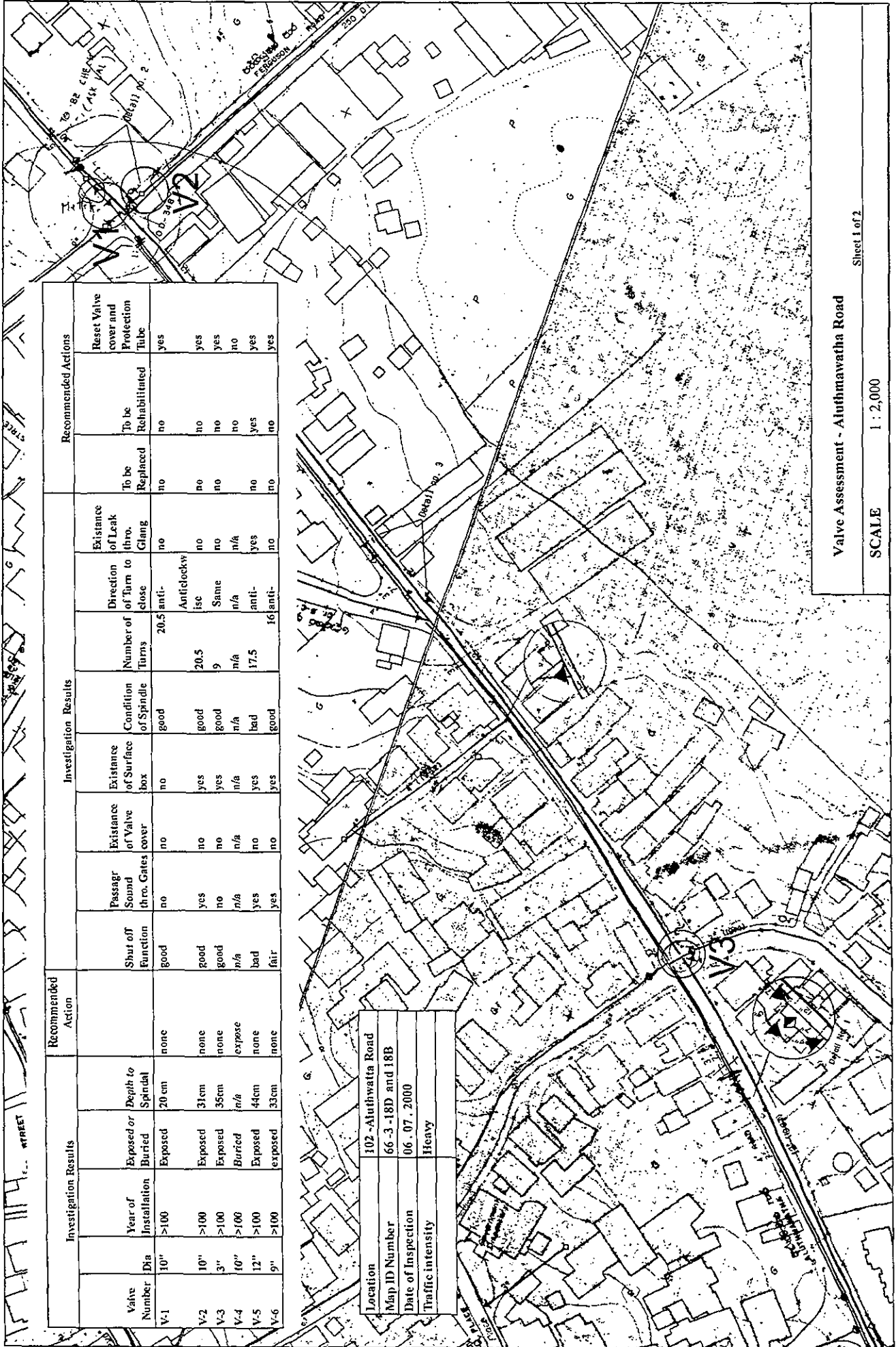


Valve Assessment - Mattakkuliya Centre Road

Sheet 2 of 2

SCALE 1 : 2,000

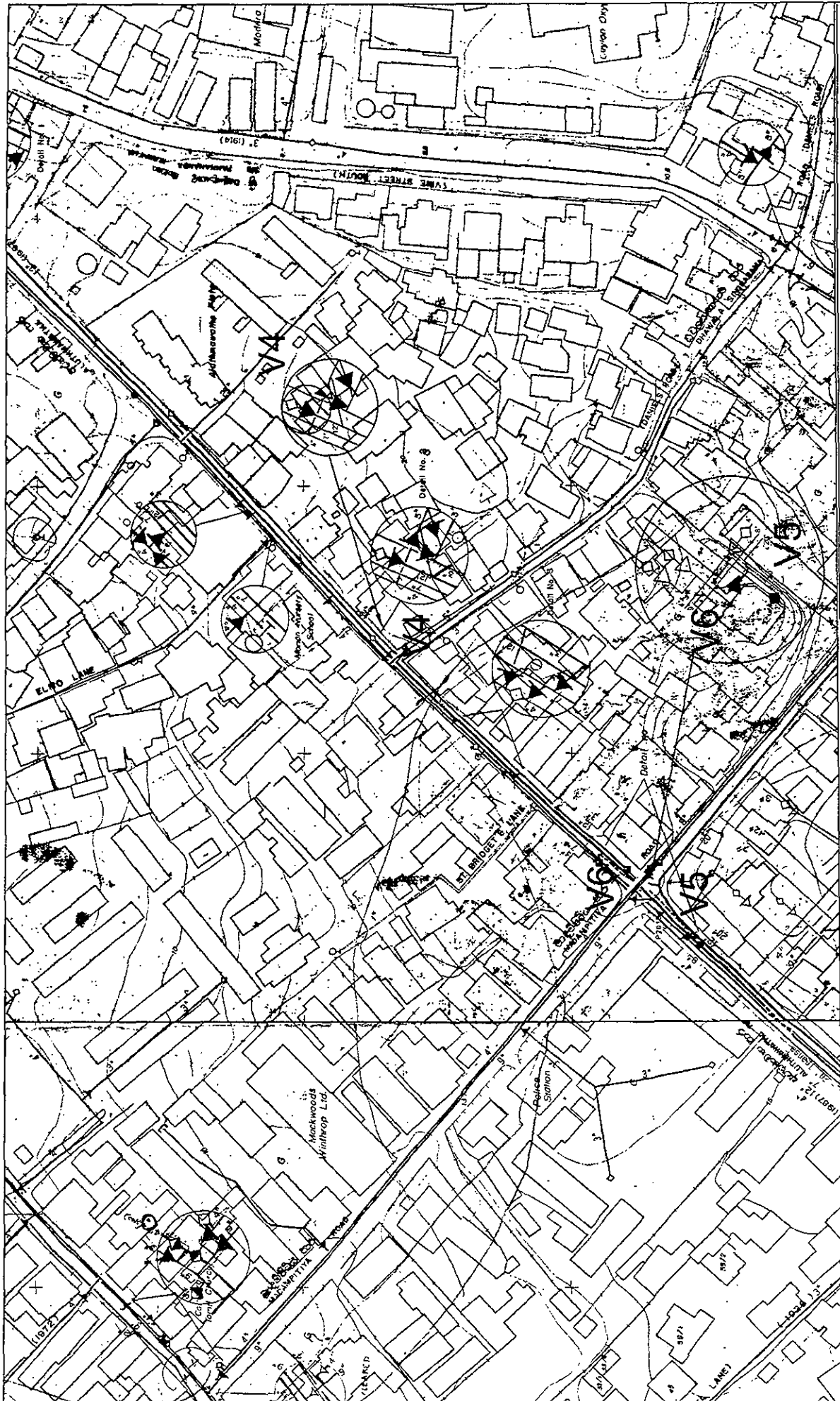
Appendix 5D



Location 102 - Aluthwatta Road
 Map ID Number 66-3-18D and 18B
 Date of Inspection 06.07.2000
 Traffic intensity Heavy

Valve Assessment - Aluthmawatha Road
 SCALE 1 : 2,000
 Sheet 1 of 2

Appendix 5D

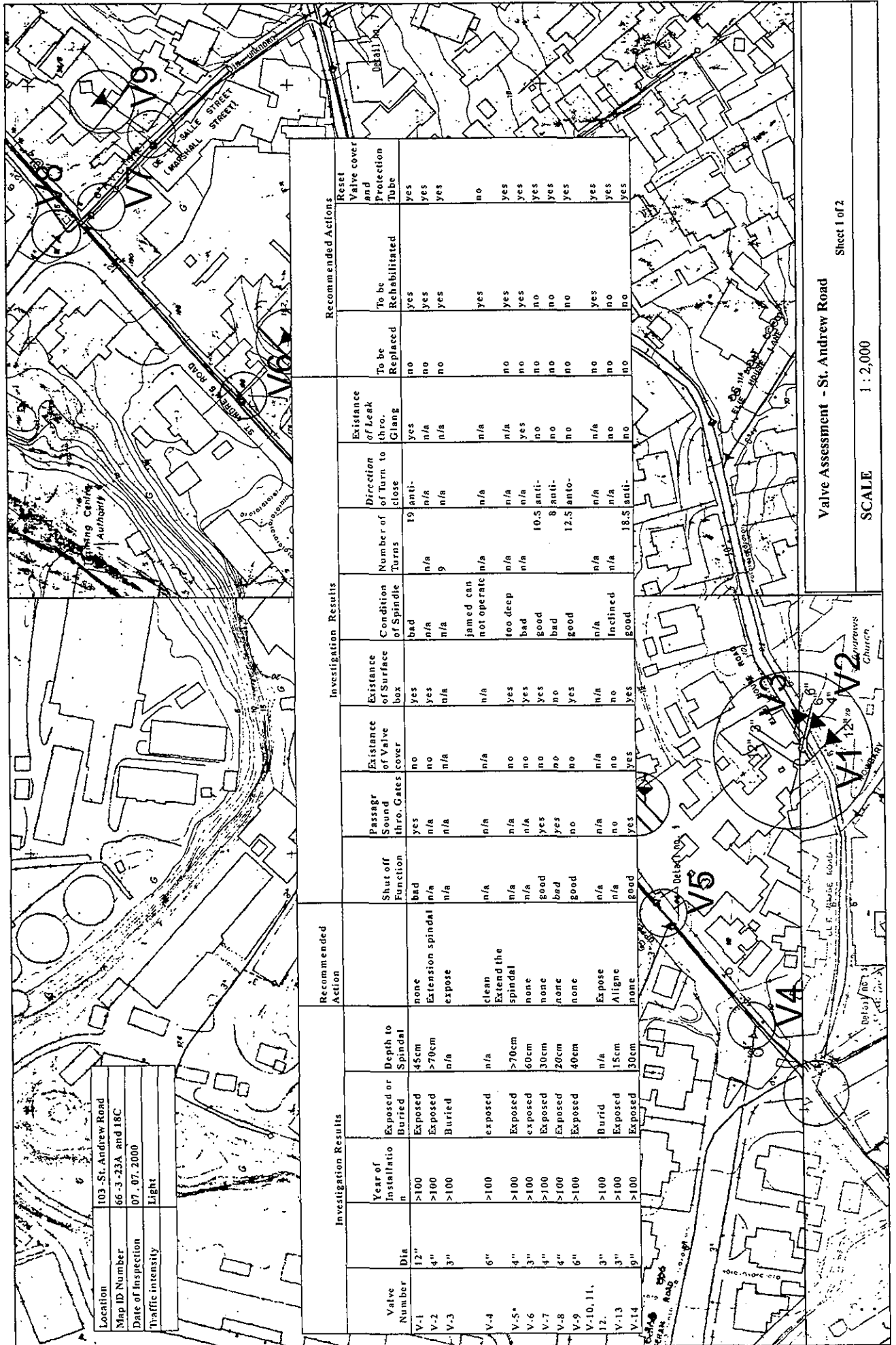


Valve Assessment - Althmayayathia Road

Sheet 2 of 2

SCALE 1 : 2,000

Appendix 5D



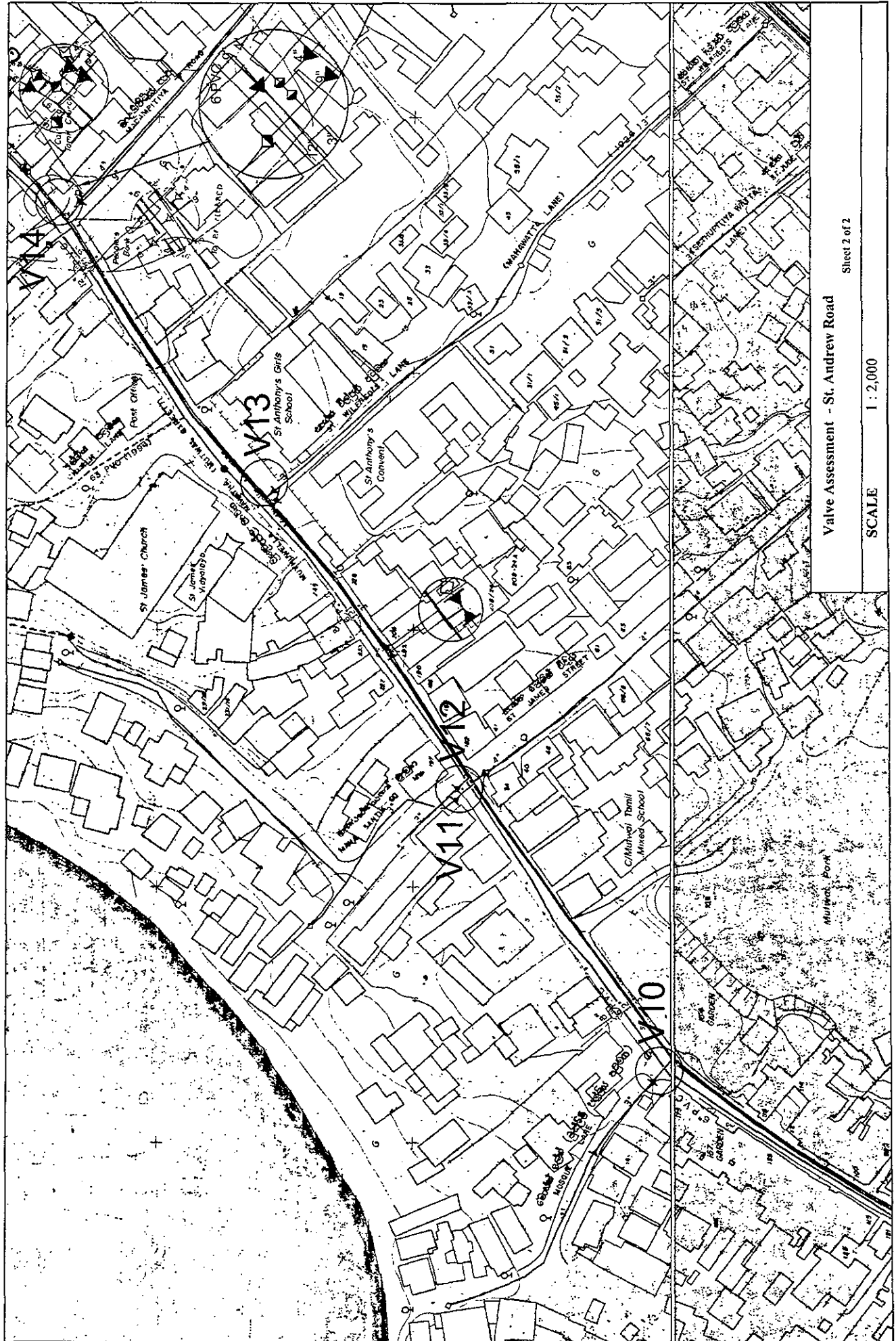
| | |
|--------------------|-----------------------|
| Location | 103 - St. Andrew Road |
| Map ID Number | 66-3-23A and 18C |
| Date of Inspection | 07.07.2000 |
| Traffic intensity | Light |

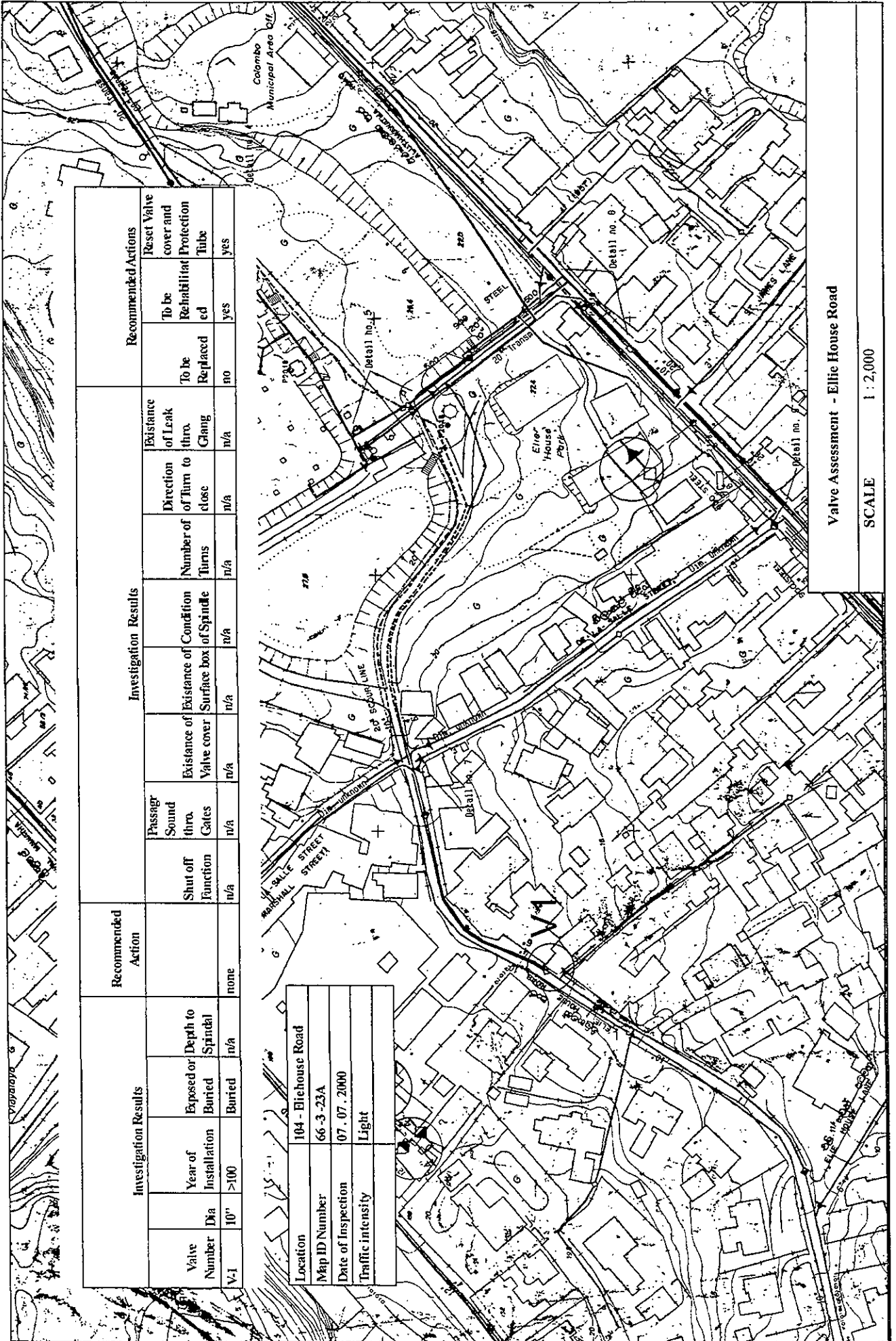
| Investigation Results | | Investigation Results | | | | | | | | | | Recommended Actions | | | | |
|-----------------------|-----|-----------------------|-------------------|------------------|--------------------|-------------------|---------------------------------|--------------------------|--------------------------|-----------------------|-----------------|----------------------------|-------------------------------|----------------|---------------------|---------------------------------------|
| Valve Number | Dia | Year of Installation | Exposed or Buried | Depth to Spindle | Recommended Action | Shut off Function | Passage Sound thro. Gates cover | Existence of Valve cover | Existence of Surface box | Condition of Spindle | Number of Turns | Direction of Turn to close | Existence of Leak thro. Gland | To be Replaced | To be Rehabilitated | Reset Valve cover and Protection Tube |
| V-1 | 12" | >100 | Exposed | 45cm | none | bad | yes | no | yes | bad | 19 | anti- | yes | no | yes | yes |
| V-2 | 4" | >100 | Exposed | >70cm | Extension spindle | n/a | n/a | no | yes | n/a | n/a | n/a | n/a | no | yes | yes |
| V-3 | 3" | >100 | Buried | n/a | expose | n/a | n/a | n/a | n/a | n/a | 9 | n/a | n/a | no | yes | yes |
| V-4 | 6" | >100 | exposed | n/a | clean | n/a | n/a | n/a | n/a | jamed can not operate | n/a | n/a | n/a | yes | no | no |
| V-5* | 4" | >100 | Exposed | >70cm | Extend the spindle | n/a | n/a | no | yes | too deep | n/a | n/a | n/a | no | yes | yes |
| V-6 | 3" | >100 | exposed | 60cm | none | n/a | n/a | no | yes | bad | n/a | n/a | yes | no | yes | yes |
| V-7 | 4" | >100 | Exposed | 30cm | none | good | no | no | yes | good | 10.5 | anti- | no | no | yes | yes |
| V-8 | 4" | >100 | Exposed | 20cm | none | bad | yes | no | no | bad | 8 | anti- | no | no | no | yes |
| V-9 | 6" | >100 | Exposed | 40cm | none | good | no | no | yes | good | 12.5 | anto- | no | no | yes | yes |
| V-10, 11, | 3" | >100 | Buried | n/a | Expose | n/a | n/a | n/a | n/a | Inclined | n/a | n/a | n/a | no | yes | yes |
| V-13 | 3" | >100 | Exposed | 15cm | Aligne | n/a | no | no | no | n/a | n/a | n/a | no | no | no | yes |
| V-14 | 9" | >100 | Exposed | 30cm | none | good | yes | yes | yes | good | 18.5 | anti- | no | no | yes | yes |

Valve Assessment - St. Andrew Road

Sheet 1 of 2

SCALE 1 : 2,000



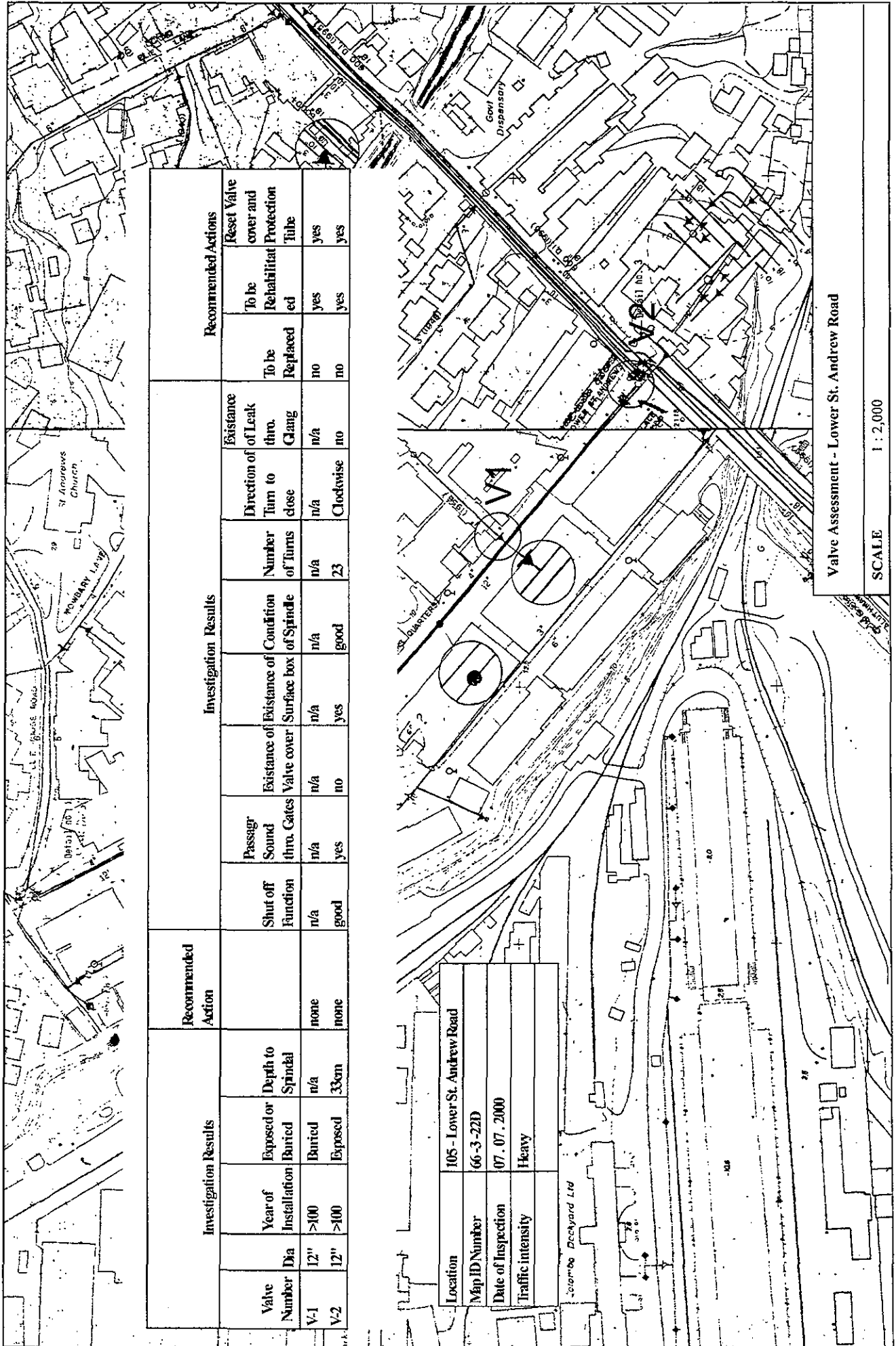


| Investigation Results | | Recommended Action | Investigation Results | | | | | Recommended Actions | | | | | | |
|-----------------------|----------------------|--------------------|-----------------------|------------------|-------------------|---------------------------|--------------------------|--------------------------|----------------------|-----------------|----------------------------|------------------------------|----------------|---------------------|
| Valve Number | Year of Installation | | Exposed or Buried | Depth to Spindel | Shut off function | Passage Sound thro. Gates | Existence of Valve cover | Existence of Surface box | Condition of Spindle | Number of Turns | Direction of Turn to close | Existence of Leak thro. Gang | To be Replaced | To be Rehabilitated |
| V-1 | 10" | >100 | Buried | n/a | none | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes |

| | |
|--------------------|-----------------------|
| Location | 104 - Ellichouse Road |
| Map ID Number | 66-3-23A |
| Date of Inspection | 07.07.2000 |
| Traffic intensity | Light |

Valve Assessment - Ellic House Road
SCALE 1 : 2,000

Appendix 5D

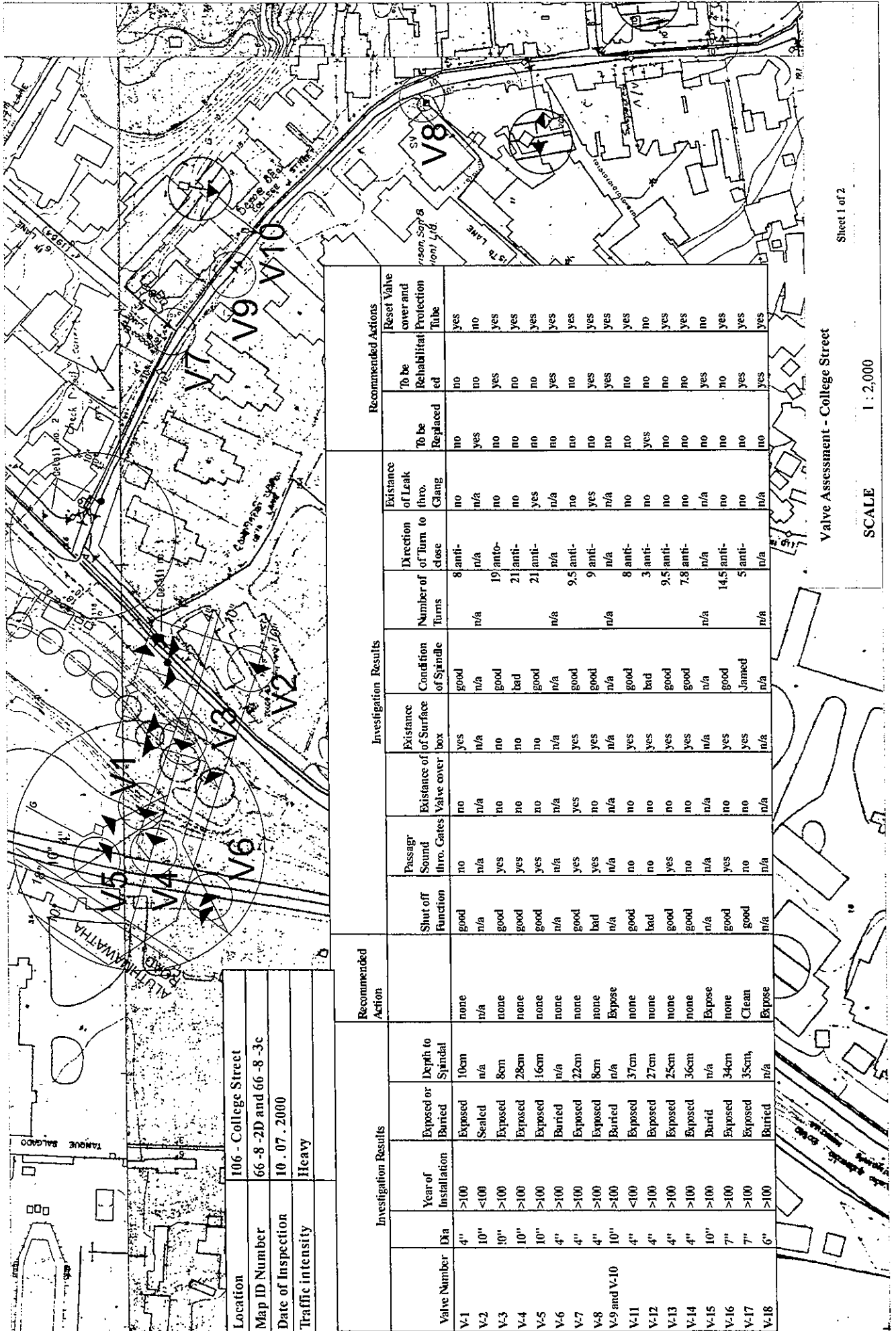


| Investigation Results | | | Recommended Action | Investigation Results | | | | | | Recommended Actions | | | |
|-----------------------|----------------------|-------------------|--------------------|-----------------------|------------------------------|--------------------------|----------------------|-----------------|----------------------------|-------------------------------|----------------|---------------------|---------------------------------------|
| Valve Number | Year of Installation | Exposed or Buried | Depth to Spindel | Shut off Function | Passage of Sound thru. Gates | Existence of Surface box | Condition of Spindle | Number of Turns | Direction of Turn to close | Existence of Leak thru. Clang | To be Replaced | To be Rehabilitated | Reset Valve cover and Protection Tube |
| V-1 | >100 | Buried | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes |
| V-2 | >100 | Exposed | 33cm | good | yes | yes | good | 23 | Clockwise | no | no | yes | yes |

| | |
|--------------------|-----------------------------|
| Location | 105 - Lower St. Andrew Road |
| Map ID Number | 66-3-22D |
| Date of Inspection | 07.07.2000 |
| Traffic intensity | Heavy |
| Inspector | George Deckyard Ltd |

Valve Assessment - Lower St. Andrew Road

SCALE 1 : 2,000



| | |
|--------------------|----------------------|
| Location | I06 - College Street |
| Map ID Number | 66-8-2D and 66-8-3c |
| Date of Inspection | 10.07.2000 |
| Traffic intensity | Heavy |

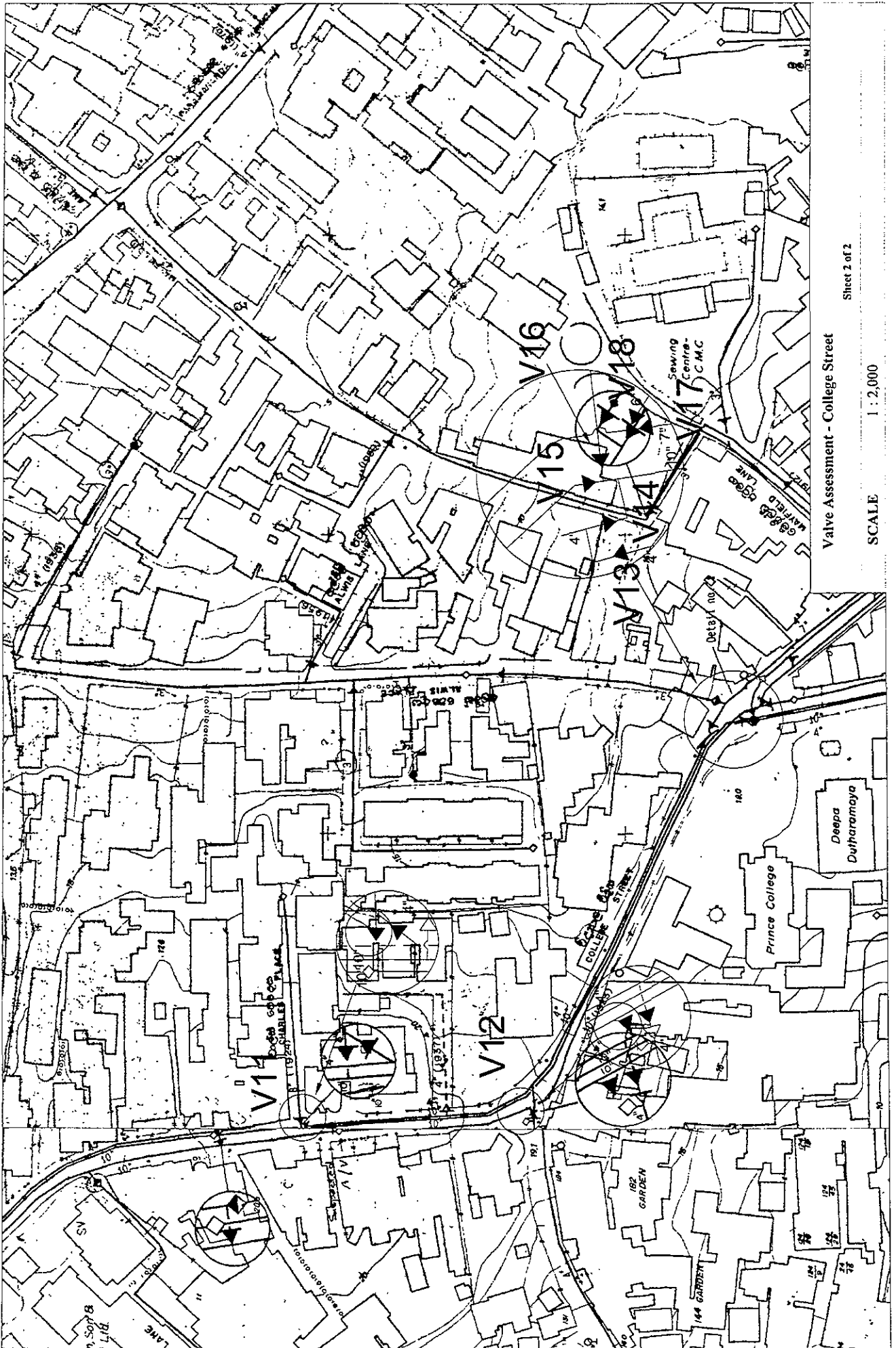
| Valve Number | Investigation Results | | | | Recommended Action | Investigation Results | | | | | | | | Recommended Actions | | |
|--------------|-----------------------|-------------------|----------------|--------------------|--------------------|-----------------------|---------------------------|--------------------------------------|-------------------------------|----------------------------|-----------------|----------------------|-------------------------------|---------------------|---------------------|---------------------------------------|
| | Year of Installation | Exposed or Buried | Depth to Stand | Recommended Action | | Shut off Function | Passag. Sound thro. Gates | Existence of Surface Valve cover box | Existence of Leak thro. Clang | Direction of Turn to close | Number of Turns | Condition of Spindle | Existence of Leak thro. Clang | To be Replaced | To be Rehabilitated | Reset Valve cover and Protection Tube |
| V-1 | >100 | Exposed | 10cm | none | good | no | yes | no | no | 8 anti- | good | no | no | no | yes | |
| V-2 | <100 | Sealed | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | yes | no | no | |
| V-3 | >100 | Exposed | 8cm | none | good | yes | no | no | no | 19 anti- | good | no | no | yes | yes | |
| V-4 | >100 | Exposed | 28cm | none | good | yes | no | no | no | 21 anti- | bad | no | no | no | yes | |
| V-5 | >100 | Exposed | 16cm | none | good | yes | no | no | yes | 21 anti- | good | yes | no | no | yes | |
| V-6 | >100 | Buried | n/a | none | n/a | n/a | n/a | n/a | n/a | n/a | good | n/a | no | yes | yes | |
| V-7 | >100 | Exposed | 22cm | none | good | yes | yes | yes | yes | 9.5 anti- | good | no | no | no | yes | |
| V-8 | >100 | Exposed | 8cm | none | bad | yes | no | no | yes | 9 anti- | good | yes | no | yes | yes | |
| V-9 and V-10 | >100 | Buried | n/a | Expose | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes | |
| V-11 | <100 | Exposed | 37cm | none | good | no | yes | no | no | 8 anti- | good | no | no | no | yes | |
| V-12 | >100 | Exposed | 27cm | none | bad | no | yes | yes | yes | 3 anti- | bad | no | yes | no | no | |
| V-13 | >100 | Exposed | 25cm | none | good | yes | yes | yes | yes | 9.5 anti- | good | no | no | no | yes | |
| V-14 | >100 | Exposed | 36cm | none | good | no | yes | yes | yes | 7.8 anti- | good | no | no | no | yes | |
| V-15 | >100 | Buried | n/a | Expose | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | no | |
| V-16 | >100 | Exposed | 34cm | none | good | yes | no | no | no | 14.5 anti- | good | n/a | no | no | yes | |
| V-17 | >100 | Exposed | 35cm, | Clean | good | no | yes | yes | yes | 5 anti- | Jamed | no | no | no | yes | |
| V-18 | >100 | Buried | n/a | Expose | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes | |

Sheet 1 of 2

Valve Assessment - College Street

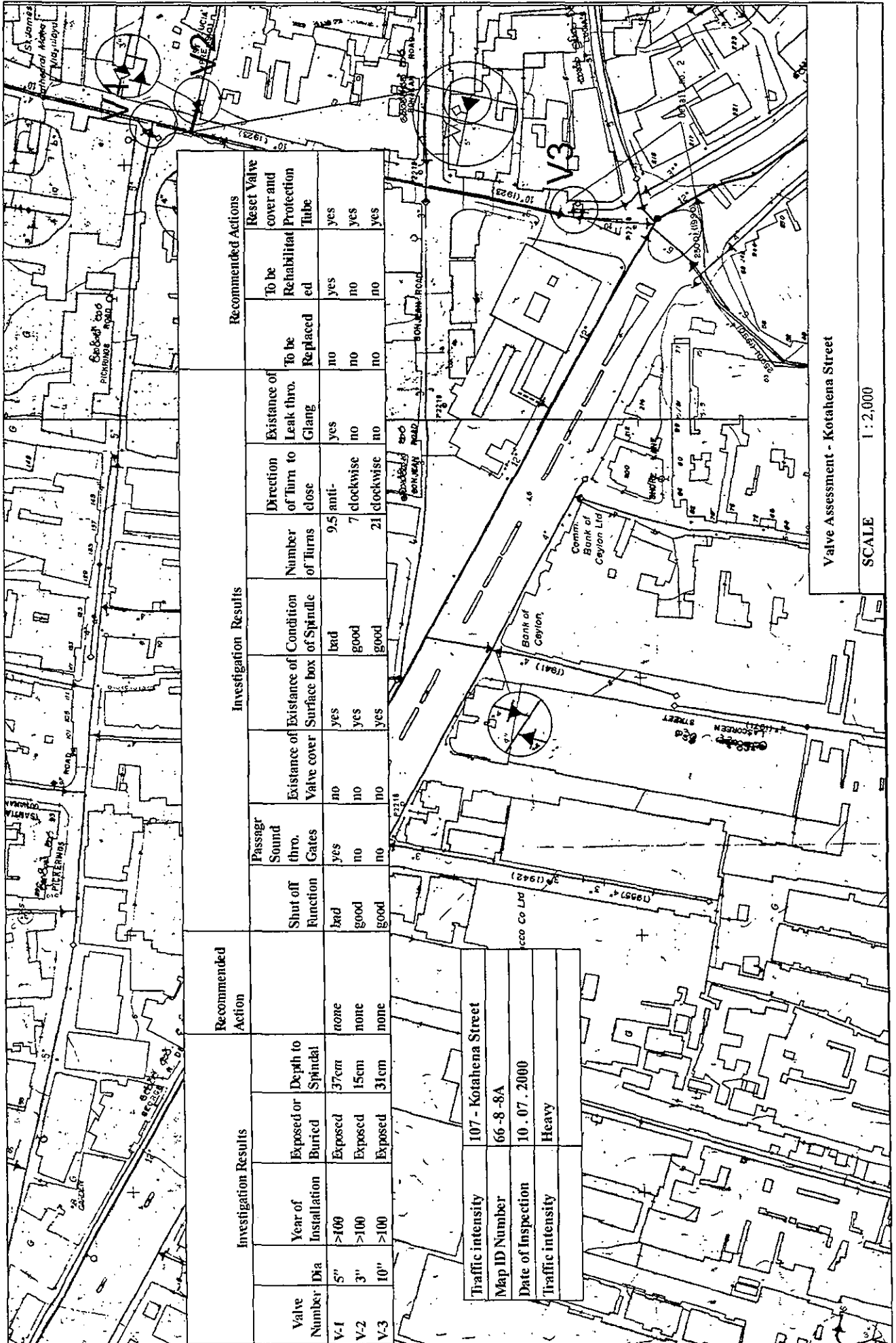
SCALE 1 : 2,000

Appendix 5D



Valve Assessment - College Street
Sheet 2 of 2

SCALE 1 : 2,000



Valve Assessment - Kotahena Street

SCALE 1:2,000

Appendix 5D

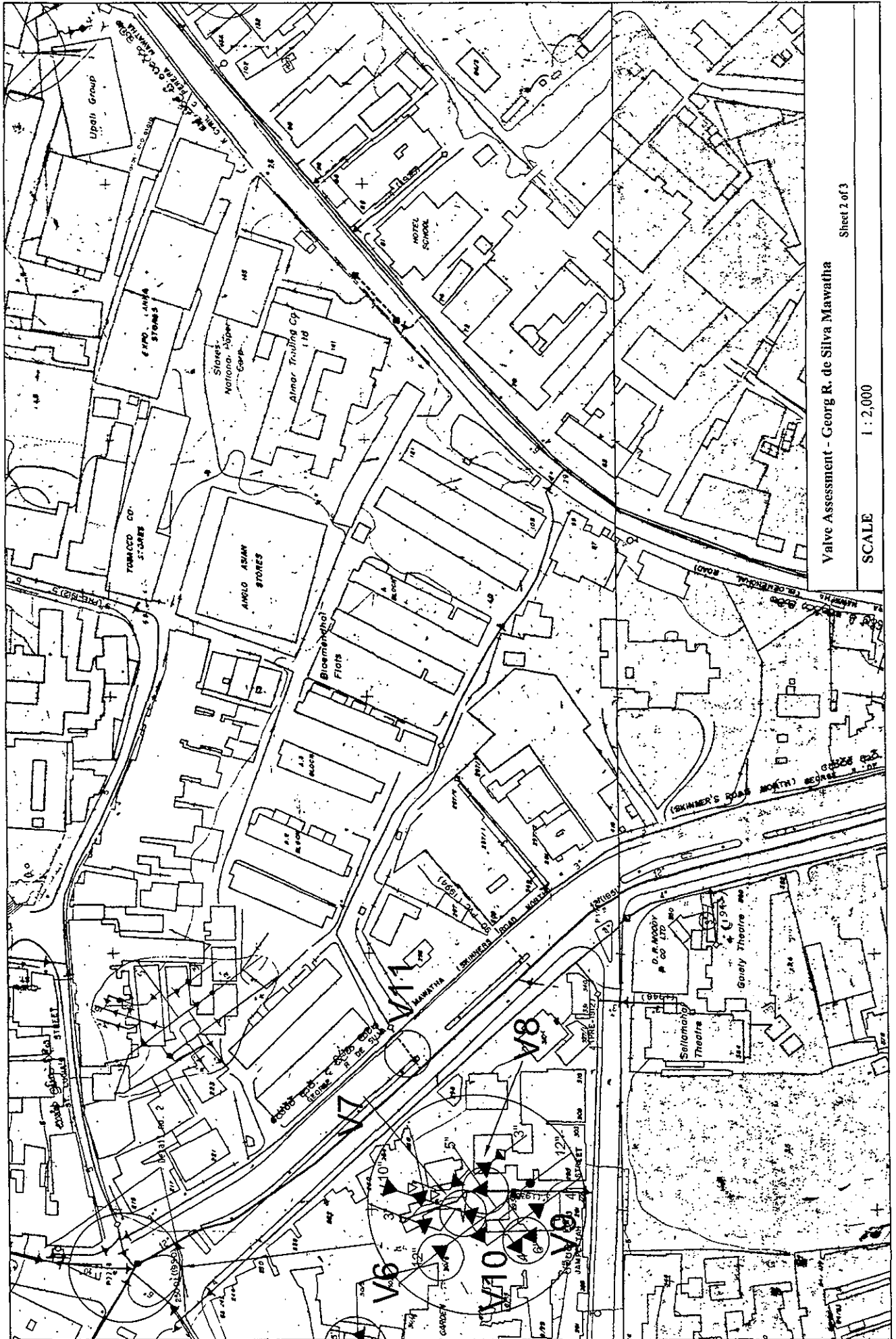
| Valve Number | Investigation Results | | | | Recommended Action | Investigation Results | | | | | | | | Recommended Actions | | |
|--------------|-----------------------|-------------------|-------------------------|-------------------|--------------------|---------------------------|--------------------------|--------------------------|----------------------|-----------------|----------------------------|------------------------------|----------------|---------------------|---------------------------------------|--|
| | Year of Installation | Exposed or Buried | Depth to Spindal | Shut off Function | | Passage Sound thro. Gates | Existence of Valve cover | Existence of Surface box | Condition of Spindle | Number of Turns | Direction of Turn to close | Existence of Leak thro. Gang | To be Replaced | To be Rehabilitated | Reset Valve cover and Protection Tube | |
| V-1 | >100 | Buried | n/a | n/a | good | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes | | |
| V-2 | >100 | Exposed | 52cm | good | yes | yes | good | 11 anti- | n/a | n/a | no | no | no | yes | | |
| V-3 | >100 | Exposed | 27cm | bad | yes | yes | good | 11 anti- | n/a | n/a | yes | no | yes | yes | | |
| V-4 | >100 | Exposed | 60cm | bad | yes | no | damaged | n/a | n/a | n/a | yes | no | no | no | | |
| V-5 | <100 | Buried | n/a | n/a | n/a | n/a | good | n/a | n/a | n/a | n/a | no | yes | yes | | |
| V-6 | >100 | Exposed | 47cm | good | yes | no | good | 24 anti- | n/a | n/a | yes | no | yes | yes | | |
| V-7 | >100 | Buried | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes | | |
| V-8 | >100 | Exposed | 16cm | good | yes | no | good | 11.5 clockwise | n/a | n/a | no | no | no | yes | | |
| V-9 V-10 | >100 | Buried | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes | | |
| V-11 | >100 | Exposed | 18cm | good | no | yes | good | 12 anti- | n/a | n/a | no | no | no | yes | | |
| V-12 | >100 | Exposed | 65cm | good | no | yes | good | 8 clock | n/a | n/a | no | no | no | no | | |
| V-13 | >100 | Exposed | not found at depth 72cm | n/a | n/a | no | not found | n/a | n/a | n/a | n/a | yes | no | no | | |
| V-14 | >100 | Exposed | 70cm | n/a | n/a | no | worn out | n/a | n/a | n/a | n/a | no | yes | yes | | |
| V-15 | >100 | Exposed | 68cm | n/a | n/a | no | worn out | n/a | n/a | n/a | n/a | no | yes | yes | | |

Location: 108 - Georg R.de Silva Mawatha
 Map ID Number: 66-8-2D & 66-8-8A
 Date of Inspection: 10. 07. 2000
 Traffic intensity: Heavy

Valve Assessment - Georg R. de Silva Mawatha

Sheet 1 of 3

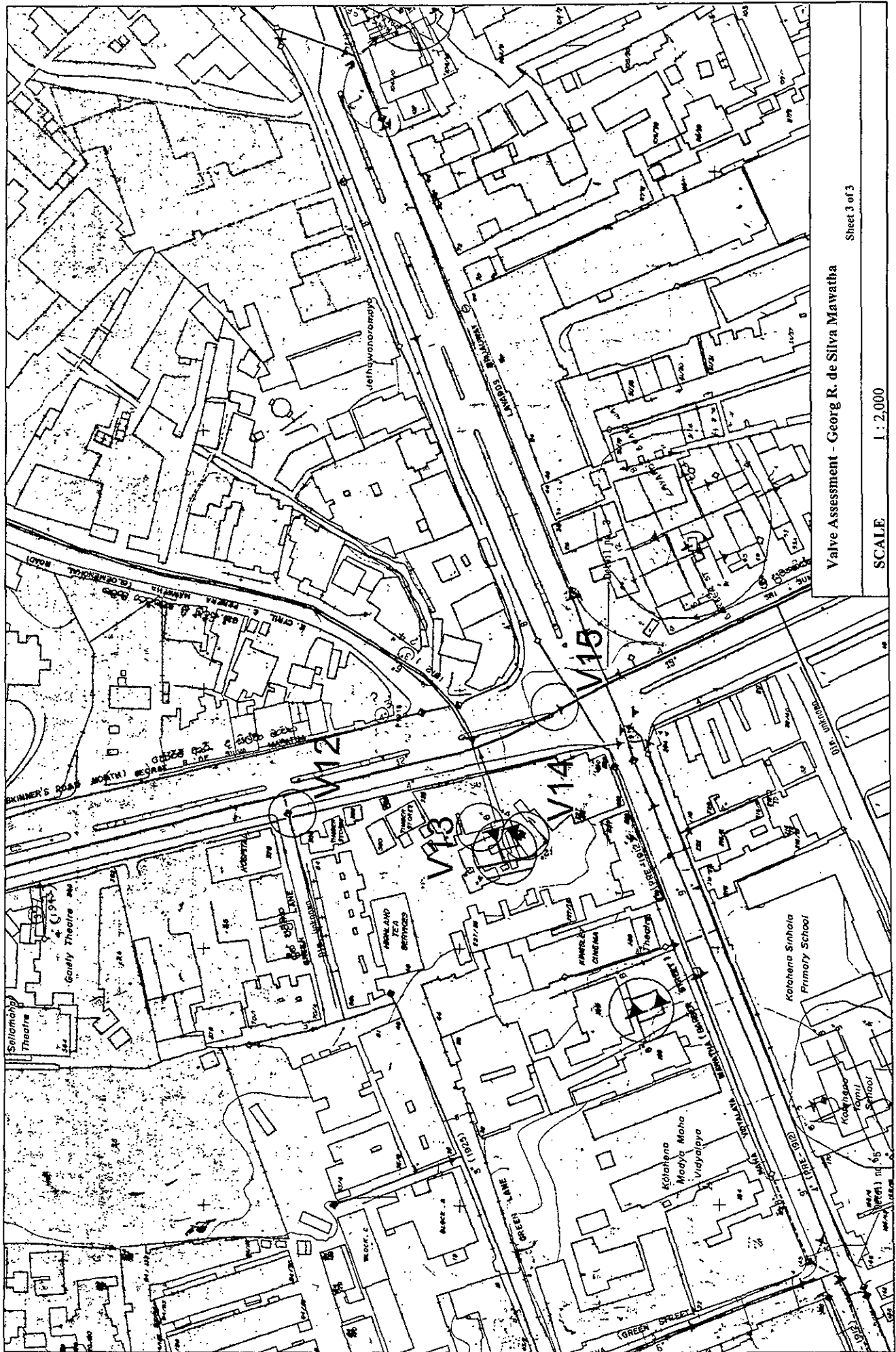
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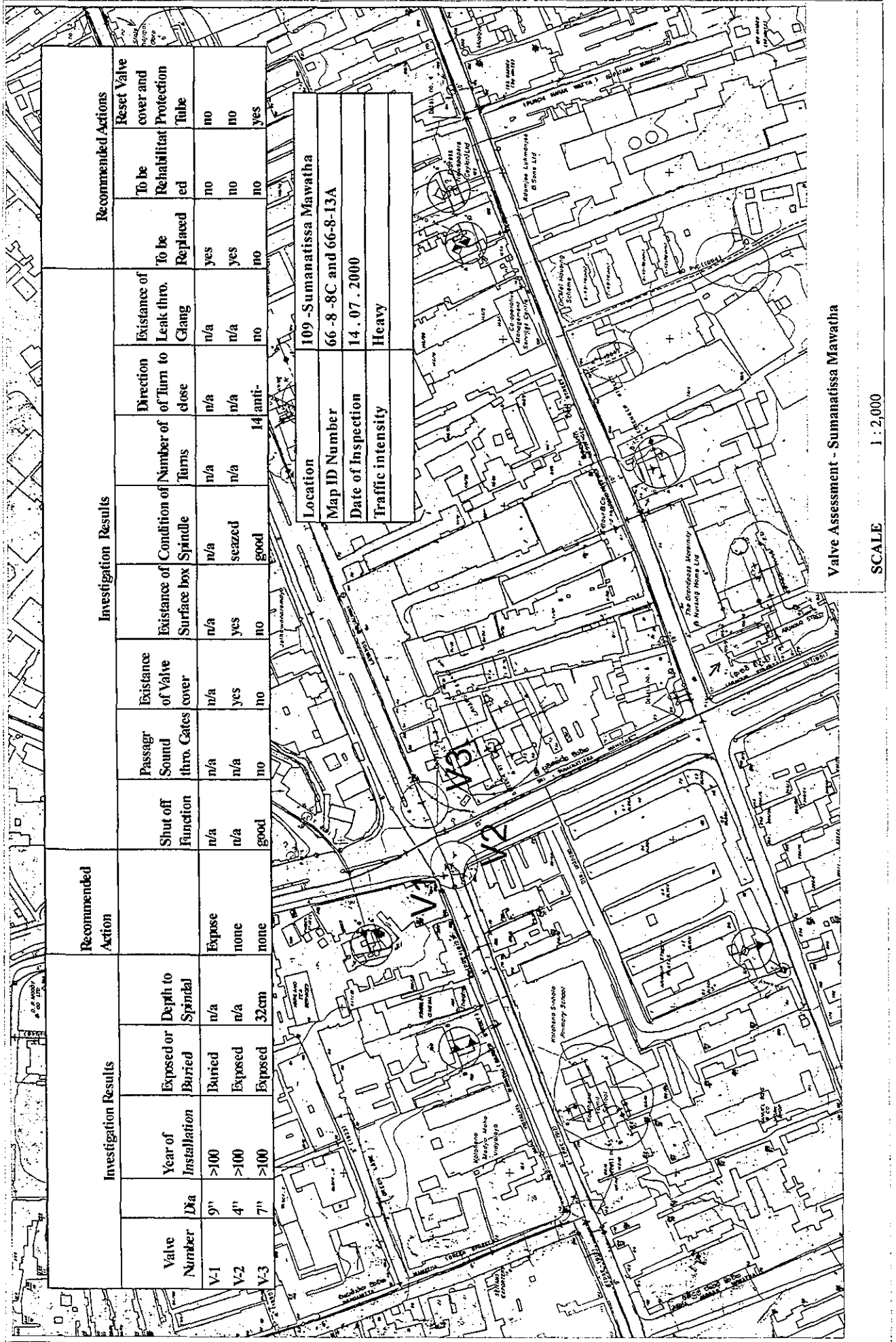
Valve Assessment - Georg R. de Silva Mawatha

Sheet 2 of 3

SCALE 1 : 2,000



Valve Assessment - Georg R. de Silva Mawatha
Sheet 3 of 3
SCALE 1 : 2,000



| Investigation Results | | Recommended Action | | Investigation Results | | | | | | | Recommended Actions | | | |
|-----------------------|----------------------|--------------------|------------------|-----------------------|---------------------------|--------------------------|--------------------------|----------------------|-----------------|-------------------|------------------------------|----------------|---------------------|---------------------------------------|
| Valve Number | Year of Installation | Exposed or Buried | Depth to Spindle | Shut off Function | Passage Sound thro. Gates | Existence of Valve cover | Existence of Surface box | Condition of Spindle | Number of Turns | Direction of Turn | Existence of Leak thro. Gang | To be Replaced | To be Rehabilitated | Reset Valve cover and Protection Tube |
| V-1 | >100 | Buried | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | yes | no | no |
| V-2 | >100 | Exposed | n/a | n/a | n/a | yes | seized | n/a | n/a | n/a | n/a | yes | no | no |
| V-3 | >100 | Exposed | 32cm | good | no | no | good | 14 anti- | 14 anti- | 14 anti- | no | no | no | yes |

| | |
|--------------------|--------------------------|
| Location | 109 -Sumanatissa Mawatha |
| Map ID Number | 66-8-8C and 66-8-13A |
| Date of Inspection | 14.07.2000 |
| Traffic intensity | Heavy |

Valve Assessment - Sumanatissa Mawatha

SCALE 1:2,000

Appendix 5D

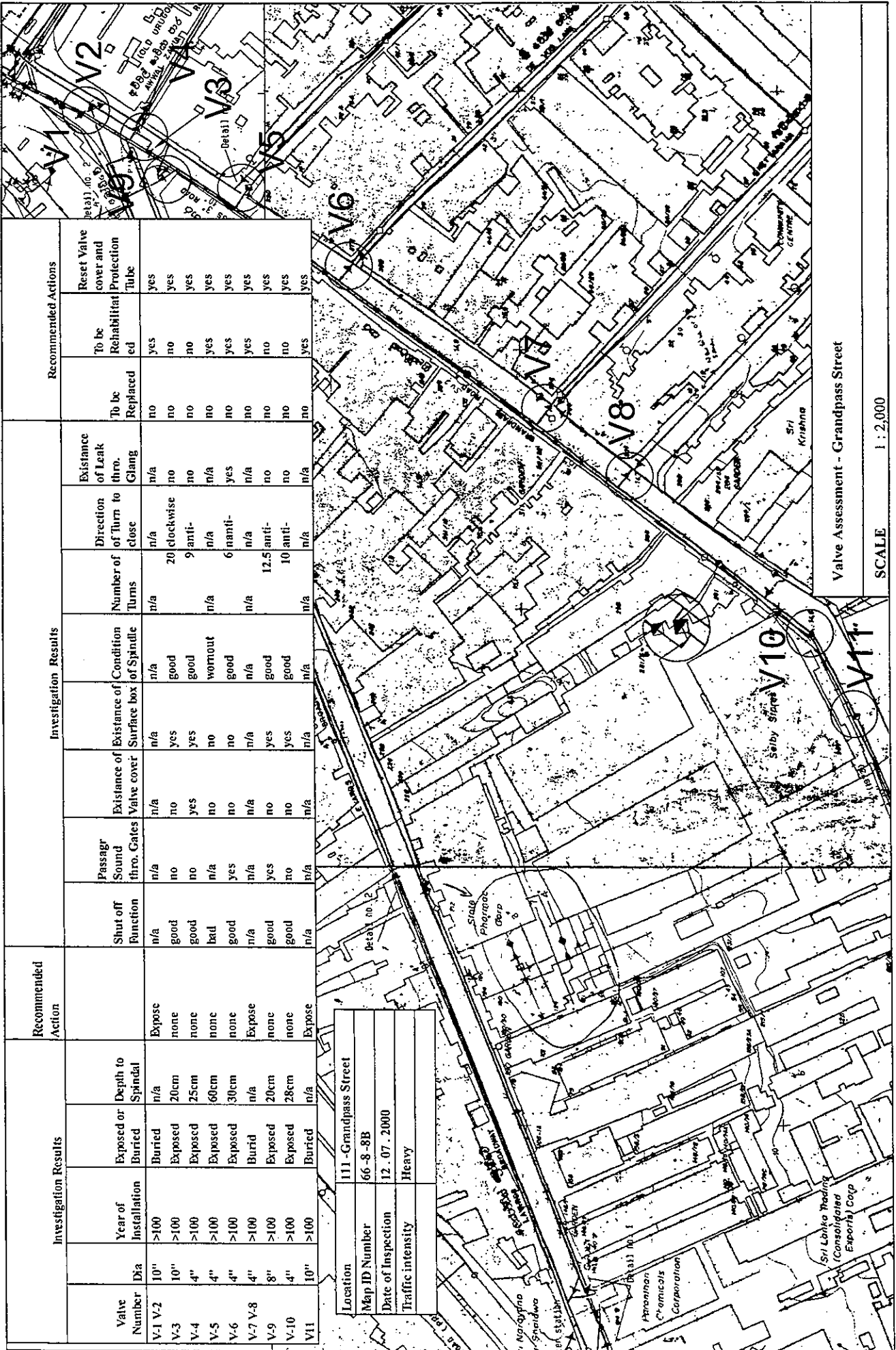
| Investigation Results | | | | Recommended Action | Investigation Results | | | | | | | Recommended Actions | | | |
|-----------------------|-----|----------------------|-------------------|--------------------|-----------------------|---------------------------|--------------------------|--------------------------|----------------------|-----------------|----------------------------|-------------------------------|----------------|---------------------|---------------------------------------|
| Valve Number | Dia | Year of Installation | Exposed or Buried | Depth to Spindel | Shut off Function | Passage Sound thro. Gates | Existence of Valve cover | Existence of Surface box | Condition of Spindle | Number of Turns | Direction of Turn to close | Existence of Leak thro. Clang | To be Replaced | To be Rehabilitated | Reset Valve cover and Protection Tube |
| V-1 | 10" | >100 | Buried | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes |
| V-2 | 4" | >100 | Exposed | 36cm | n/a | n/a | no | yes | wornout | n/a | n/a | n/a | yes | no | no |
| V-3 | 4" | >100 | Exposed | 52cm | good | no | no | yes | good | n/a | 12 anti- | no | no | no | yes |
| V-4 | 10" | >100 | Exposed | 44cm | good | no | no | yes | good | 21 anti- | anti- | no | no | no | yes |
| V-5 | 4" | >100 | Buried | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes |

| | |
|--------------------|-----------------------|
| Location | 110 -Messenger Street |
| Map ID Number | 66-8-8A |
| Date of Inspection | 12.17.2000 |
| Traffic intensity | Heavy |

Valve Assessment - Messenger Street

SCALE 1 : 2,000

Appendix 5D

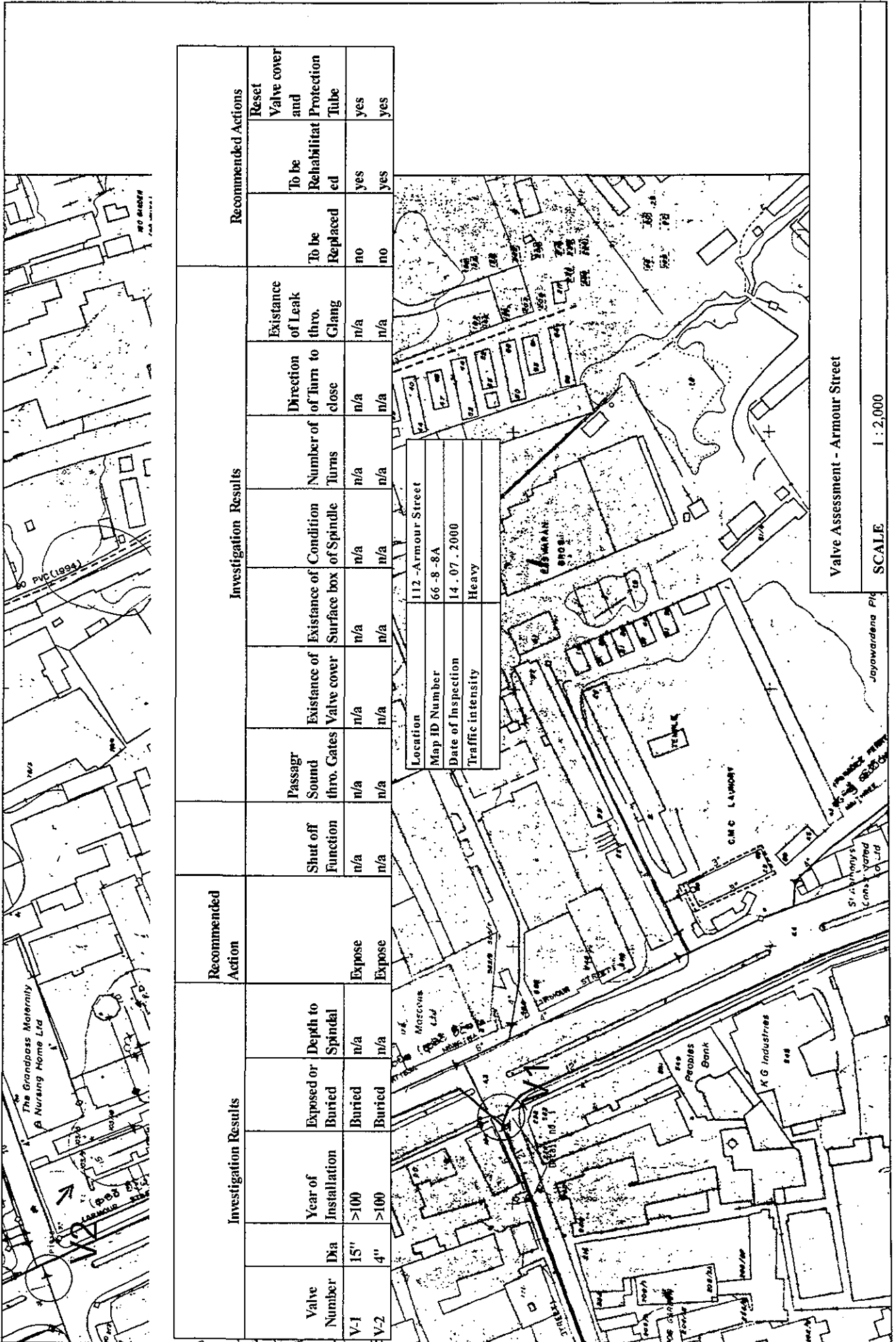


| Investigation Results | | | Recommended Action | Investigation Results | | | | | | | Recommended Actions | | | |
|-----------------------|----------------------|-------------------|--------------------|-----------------------|---------------------------|--------------------------|--------------------------|----------------------|-----------------|----------------------------|-------------------------------|----------------|---------------------|---------------------------------------|
| Valve Number | Year of Installation | Exposed or Buried | Depth to Spindel | Shut off Function | Passage Sound thro. Gates | Existence of Valve cover | Existence of Surface box | Condition of Spindle | Number of Turns | Direction of Turn to close | Existence of Leak thro. Glang | To be Replaced | To be Rehabilitated | Reset Valve cover and Protection Tube |
| V-1 | >100 | Buried | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes |
| V-2 | >100 | Exposed | 20cm | good | no | no | yes | good | 20 | clockwise | no | no | no | yes |
| V-3 | >100 | Exposed | 25cm | good | no | yes | yes | good | 9 | anti- | no | no | no | yes |
| V-4 | >100 | Exposed | 60cm | bad | n/a | no | no | wornout | n/a | n/a | n/a | no | yes | yes |
| V-5 | >100 | Exposed | 30cm | good | yes | no | no | good | 6 | anti- | yes | no | yes | yes |
| V-6 | >100 | Buried | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes |
| V-7 | >100 | Exposed | 20cm | good | yes | no | yes | good | 12.5 | anti- | no | no | no | yes |
| V-8 | >100 | Exposed | 28cm | good | no | no | yes | good | 10 | anti- | no | no | no | yes |
| V-9 | >100 | Exposed | 28cm | good | no | no | yes | good | n/a | n/a | n/a | no | yes | yes |
| V-10 | >100 | Buried | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes |
| V-11 | >100 | Buried | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes |

Location: 111 - Grandpass Street
 Map ID Number: 66-8-8B
 Date of Inspection: 12.07.2000
 Traffic intensity: Heavy

Valve Assessment - Grandpass Street

SCALE 1:2,000

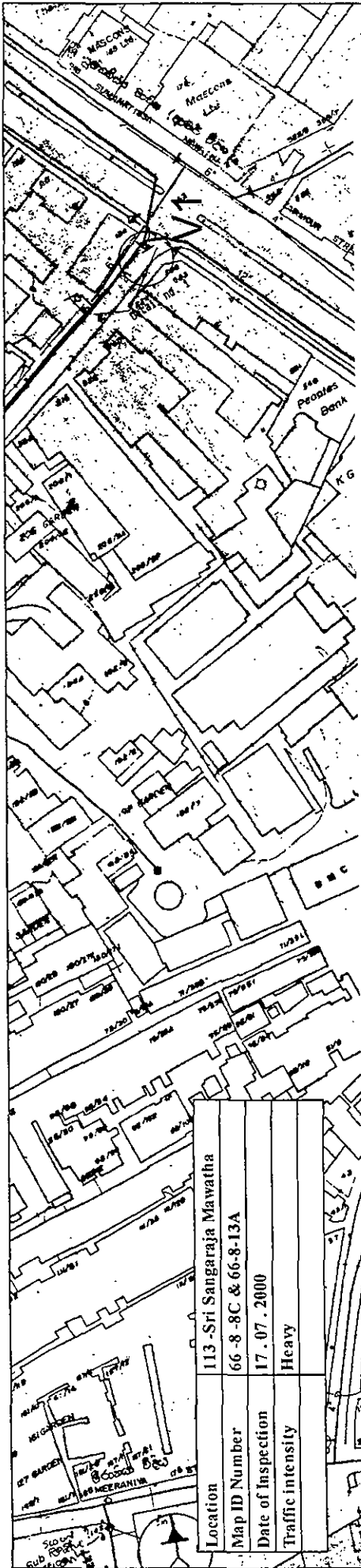


| Investigation Results | | | Recommended Action | Investigation Results | | | | | | | Recommended Actions | | |
|-----------------------|----------------------|-------------------|--------------------|-----------------------|----------------------------|--------------------------|-------------------------------------|-----------------|----------------------------|-------------------------------|---------------------|----------------------|---------------------------------------|
| Valve Number | Year of Installation | Exposed or Buried | Depth to Spindal | Shut off Function | Passagur Sound thro. Gates | Existence of Valve cover | Existence of Surface box of Spindle | Number of Turns | Direction of Turn to close | Existence of Leak thro. Glang | To be Replaced | To be Rehabilitat ed | Reset Valve cover and Protection Tube |
| V-1 | >100 | Buried | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes |
| V-2 | >100 | Buried | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes |

Location 112-Armour Street
 Map ID Number 66-8-8A
 Date of Inspection 14-07-2000
 Traffic intensity Heavy

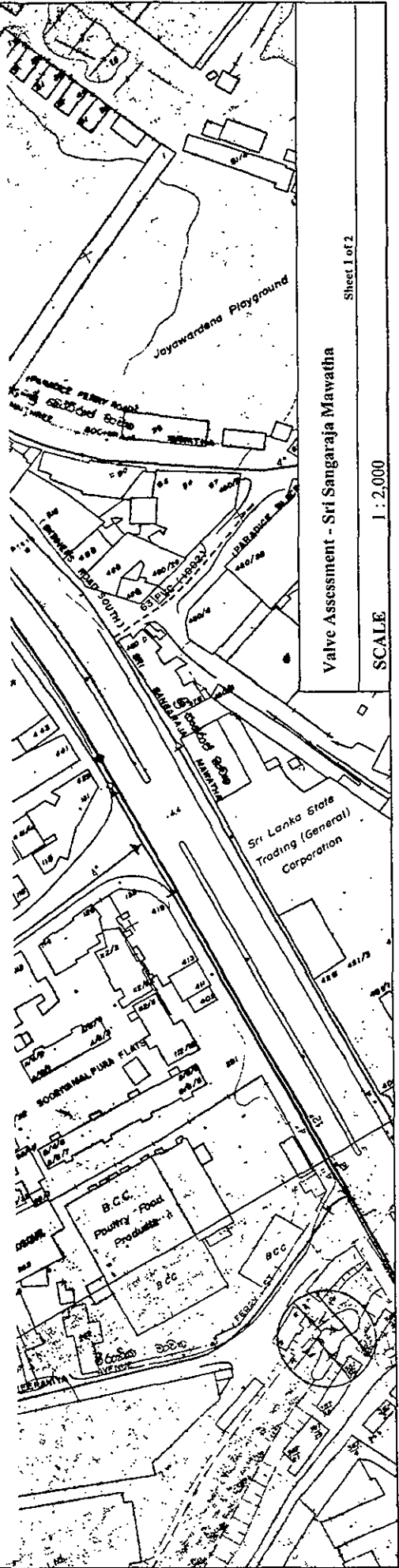
Valve Assessment - Armour Street

SCALE 1 : 2,000



| | |
|--------------------|-----------------------------|
| Location | 113 - Sri Sangaraja Mawatha |
| Map ID Number | 66-8-8C & 66-8-13A |
| Date of Inspection | 17.07.2000 |
| Traffic intensity | Heavy |

| Valve Number | Investigation Results | | | Recommended Action | Investigation Results | | | | | | | Recommended Actions | | |
|--------------|-----------------------|-------------------|------------------|--------------------|-----------------------|---------------------------|--------------------------|--------------------------|----------------------|-----------------|-------------------|------------------------------|----------------|---------------------|
| | Year of Installation | Exposed or Buried | Depth to Spindal | | Shut off Function | Passage Sound thro. Gates | Existence of Valve cover | Existence of Surface box | Condition of Spindle | Number of Turns | Direction of Turn | Existence of Leak thro. Gang | To be Replaced | To be Rehabilitated |
| V-1 | >100 | Buried | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | n/a | no | yes | yes |
| V-2 | >100 | Exposed | 70cm | bad | yes | no | yes | wornout | 10 | clockwise | yes | no | yes | yes |
| V-3 | >100 | Exposed | 34cm | bad | yes | no | no | very tight | 12 | anti- | no | yes | no | no |



Valve Assessment - Sri Sangaraja Mawatha

Sheet 1 of 2

SCALE 1 : 2,000

