Appendix B Slope susceptibility zoning plans

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NOTES:

This should be read in conjunction with the T+TI Geotechnical Assessment, dated November 2026, which outlines limitations and residual uncertainties of these zones.

Grid areas that do not contain the slope susceptiblity zones have been excluded.

Slope regression - The zoning of areas where progressive retreat of the slope crest may occur over time as material is lost from the slope face.

Runout susceptibility - The zoning of the area downslope of rockfall sources according to the distance boulders are likely to travel from the slope. Two levels of susceptibility are adopted; high and medium.

Fig. B1

Fig. B2

Fig. B3

Fig. B4

Fig. B5

Fig. B6

Fig. B7

Fig. B8

Fig. B9

Fig. B10

N

LEGEND

Study area

A3 SCALE 1:15,000

0 100 200 300 400 500 m

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NOTES:
1. Basemap World Imagery: Vantor. World Imagery: Earthstar Geographics. Kahuto Pacific aerial imagery used within study area
2. Coordinates: UTM59S. Reduced Levels: MSL.
3. Contours have been generated using the 2025 Kahuto Pacific LiDAR Survey.

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TITLE PORT VILA CBD SLOPE SUSCEPTIBILITY ZONES OVERVIEW PLAN

SCALE (A3) 1:15,000 FIG No. FIGURE B0 REV 0

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NOTES:
1. Basemap World Imagery: Earthstar Geographics. World Imagery: Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community. Kahuto Pacific aerial imagery used within study area
2. Coordinates: UTM59S. Reduced Levels: MSL.
3. Contours have been generated using the 2025 Kahuto Pacific LiDAR Survey.

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TITLE PORT VILA CBD SLOPE SUSCEPTIBILITY ZONES PLAN 1 OF 10
SCALE (A3) 1:2,000 FIG No. FIGURE B1 REV 0

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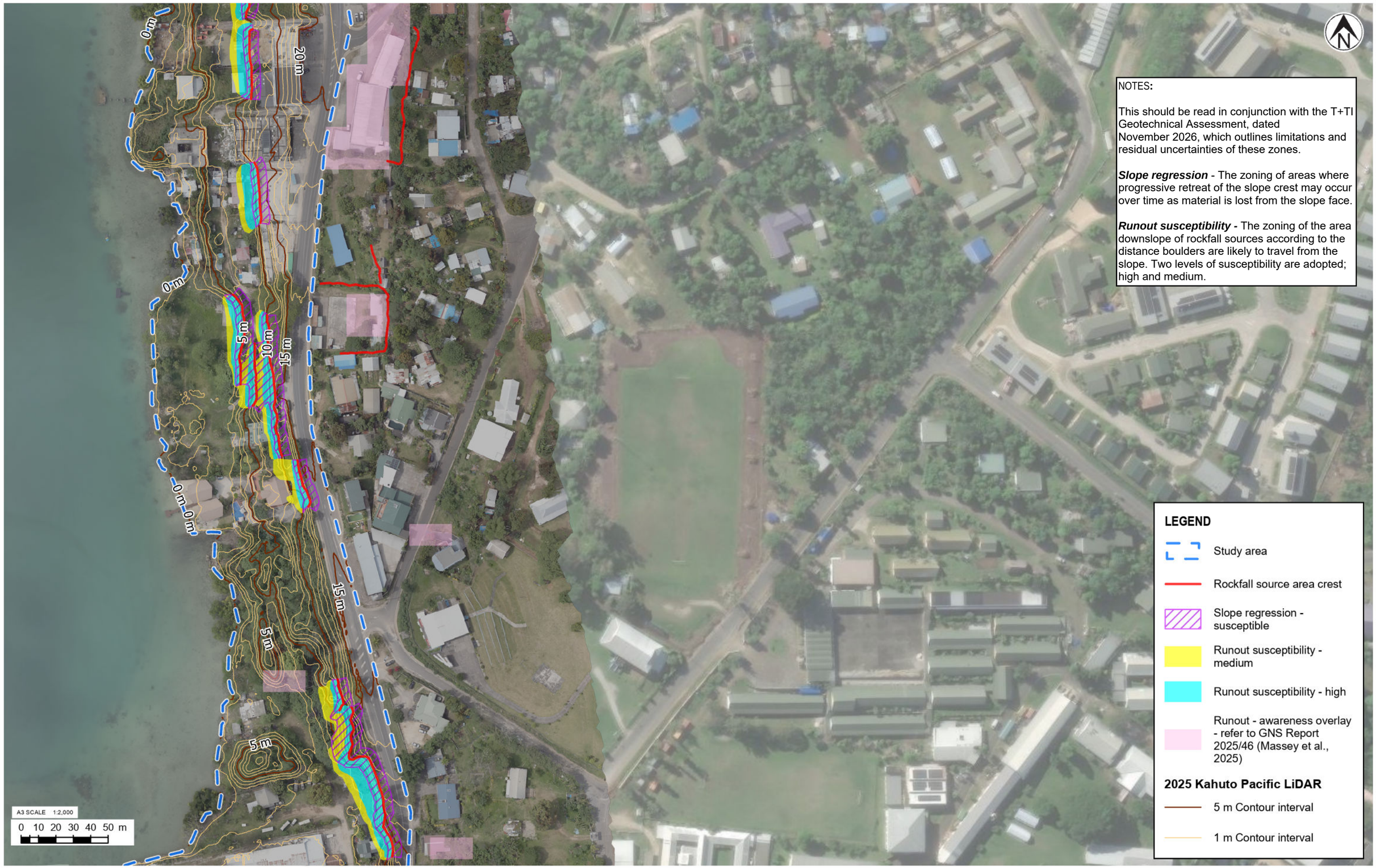

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NOTES:
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2. Coordinates: UTM59S. Reduced Levels: MSL.
3. Contours have been generated using the 2025 Kahuto Pacific LiDAR Survey.

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PROJECT **EEETA**
TITLE PORT VILA CBD SLOPE SUSCEPTIBILITY ZONES PLAN 2 OF 10
SCALE (A3) 1:2,000 FIG No. FIGURE B2 REV 0

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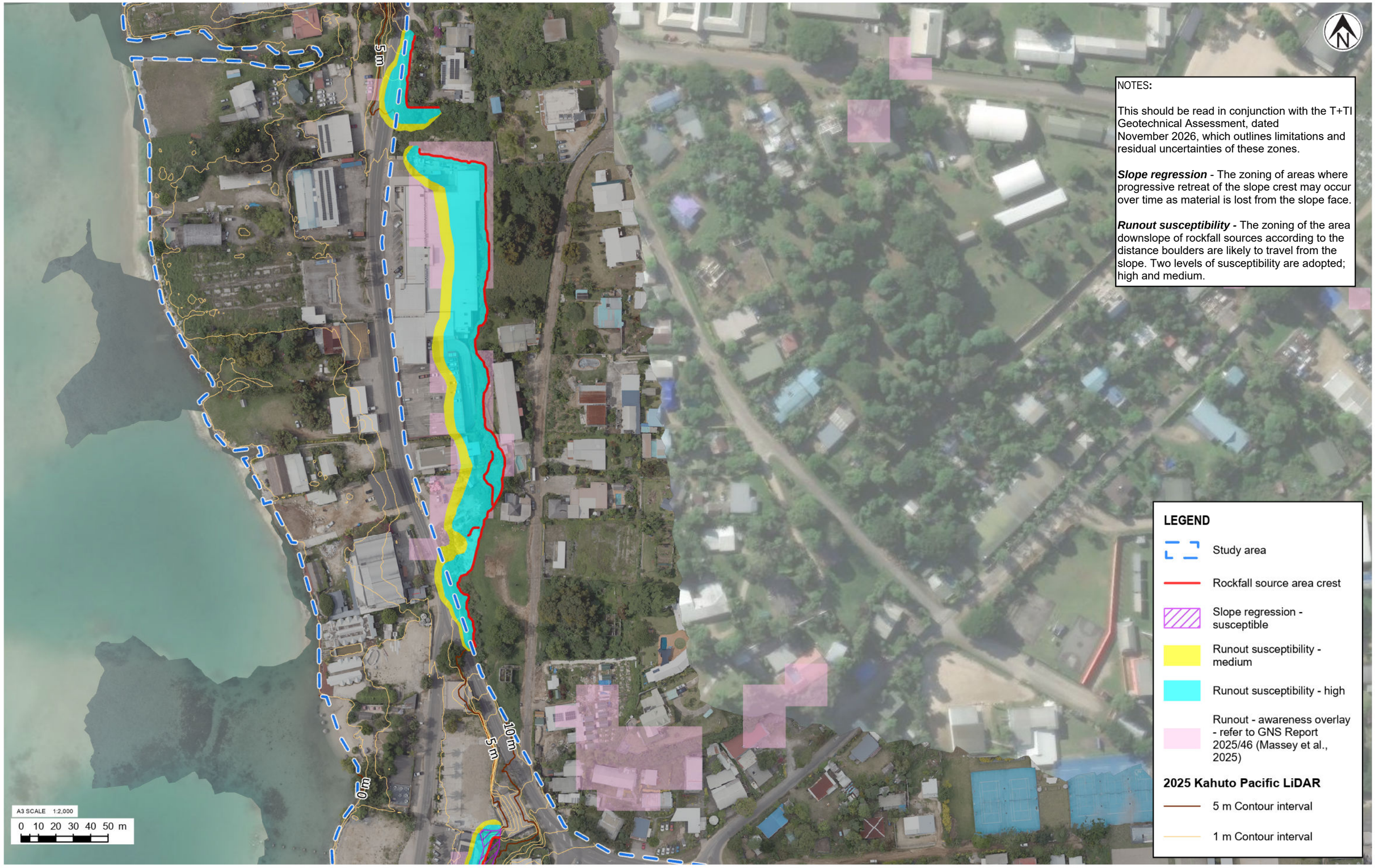

NOTES:

This should be read in conjunction with the T+TI Geotechnical Assessment, dated November 2026, which outlines limitations and residual uncertainties of these zones.

Slope regression - The zoning of areas where progressive retreat of the slope crest may occur over time as material is lost from the slope face.

Runout susceptibility - The zoning of the area downslope of rockfall sources according to the distance boulders are likely to travel from the slope. Two levels of susceptibility are adopted; high and medium.

LEGEND

- Study area
- Rockfall source area crest
- Slope regression - susceptible
- Runout susceptibility - medium
- Runout susceptibility - high
- Runout - awareness overlay - refer to GNS Report 2025/46 (Massey et al., 2025)

2025 Kahuto Pacific LiDAR

- 5 m Contour interval
- 1 m Contour interval

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NOTES:
1. Basemap World Imagery: Earthstar Geographics. World Imagery: Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community. Kahuto Pacific aerial imagery used within study area
2. Coordinates: UTM59S. Reduced Levels: MSL.
3. Contours have been generated using the 2025 Kahuto Pacific LiDAR Survey.

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TITLE PORT VILA CBD SLOPE SUSCEPTIBILITY ZONES PLAN 3 OF 10

SCALE (A3) 1:2,000 FIG No. FIGURE B3 REV 0

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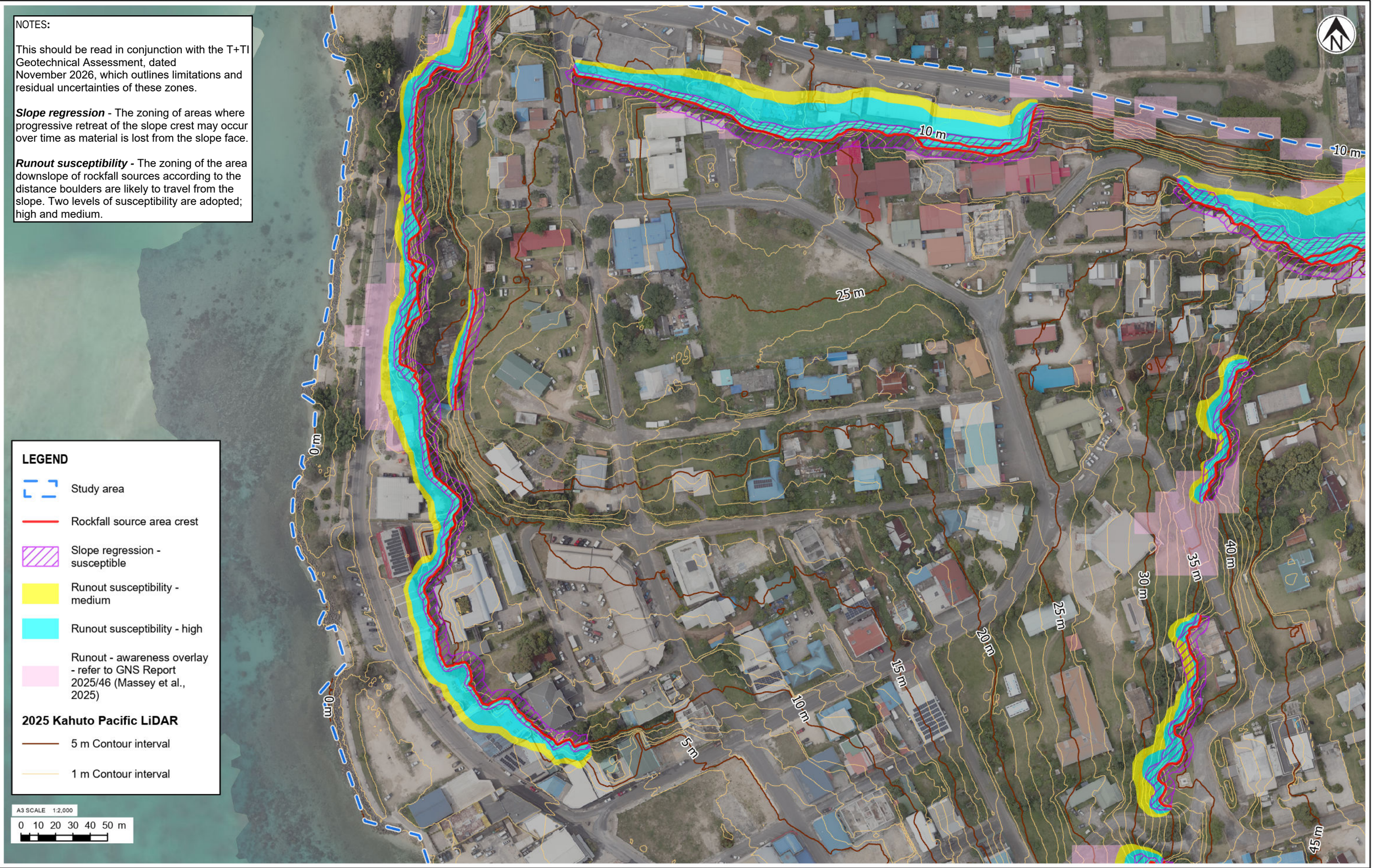
NOTES:

This should be read in conjunction with the T+TI Geotechnical Assessment, dated November 2026, which outlines limitations and residual uncertainties of these zones.

Slope regression - The zoning of areas where progressive retreat of the slope crest may occur over time as material is lost from the slope face.

Runout susceptibility - The zoning of the area downslope of rockfall sources according to the distance boulders are likely to travel from the slope. Two levels of susceptibility are adopted; high and medium.



LEGEND

- Study area
- Rockfall source area crest
- Slope regression - susceptible
- Runout susceptibility - medium
- Runout susceptibility - high
- Runout - awareness overlay - refer to GNS Report 2025/46 (Massey et al., 2025)

2025 Kahuto Pacific LiDAR

- 5 m Contour interval
- 1 m Contour interval

A3 SCALE 1:2,000

0 10 20 30 40 50 m

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NOTES:
1. Basemap World Imagery: Earthstar Geographics. World Imagery: Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community. Kahuto Pacific aerial imagery used within study area
2. Coordinates: UTM59S. Reduced Levels: MSL.
3. Contours have been generated using the 2025 Kahuto Pacific LiDAR Survey.

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TITLE PORT VILA CBD SLOPE SUSCEPTIBILITY ZONES PLAN 4 OF 10

SCALE (A3) 1:2,000 FIG No. FIGURE B4 REV 0

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NOTES:

This should be read in conjunction with the T+TI Geotechnical Assessment, dated November 2026, which outlines limitations and residual uncertainties of these zones.

Slope regression - The zoning of areas where progressive retreat of the slope crest may occur over time as material is lost from the slope face.

Runout susceptibility - The zoning of the area downslope of rockfall sources according to the distance boulders are likely to travel from the slope. Two levels of susceptibility are adopted; high and medium.

LEGEND

- Study area
- Rockfall source area crest
- Slope regression - susceptible
- Runout susceptibility - medium
- Runout susceptibility - high
- Runout - awareness overlay - refer to GNS Report 2025/46 (Massey et al., 2025)

2025 Kahuto Pacific LiDAR

- 5 m Contour interval
- 1 m Contour interval

A3 SCALE 1:2,000

0 10 20 30 40 50 m

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NOTES:

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2. Coordinates: UTM59S. Reduced Levels: MSL.
3. Contours have been generated using the 2025 Kahuto Pacific LiDAR Survey.

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TITLE PORT VILA CBD SLOPE SUSCEPTIBILITY ZONES PLAN 5 OF 10

SCALE (A3) 1:2,000 FIG No. FIGURE B5 REV 0

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NOTES:

This should be read in conjunction with the T+TI Geotechnical Assessment, dated November 2026, which outlines limitations and residual uncertainties of these zones.

Slope regression - The zoning of areas where progressive retreat of the slope crest may occur over time as material is lost from the slope face.

Runout susceptibility - The zoning of the area downslope of rockfall sources according to the distance boulders are likely to travel from the slope. Two levels of susceptibility are adopted; high and medium.



LEGEND

- Study area
- Rockfall source area crest
- Slope regression - susceptible
- Runout susceptibility - medium
- Runout susceptibility - high
- Runout - awareness overlay - refer to GNS Report 2025/46 (Massey et al., 2025)

2025 Kahuto Pacific LiDAR

- 5 m Contour interval
- 1 m Contour interval

A3 SCALE 1:2,000

0 10 20 30 40 50 m

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NOTES:
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TITLE PORT VILA CBD SLOPE SUSCEPTIBILITY ZONES PLAN 6 OF 10

SCALE (A3) 1:2,000 FIG No. FIGURE B6 REV 0

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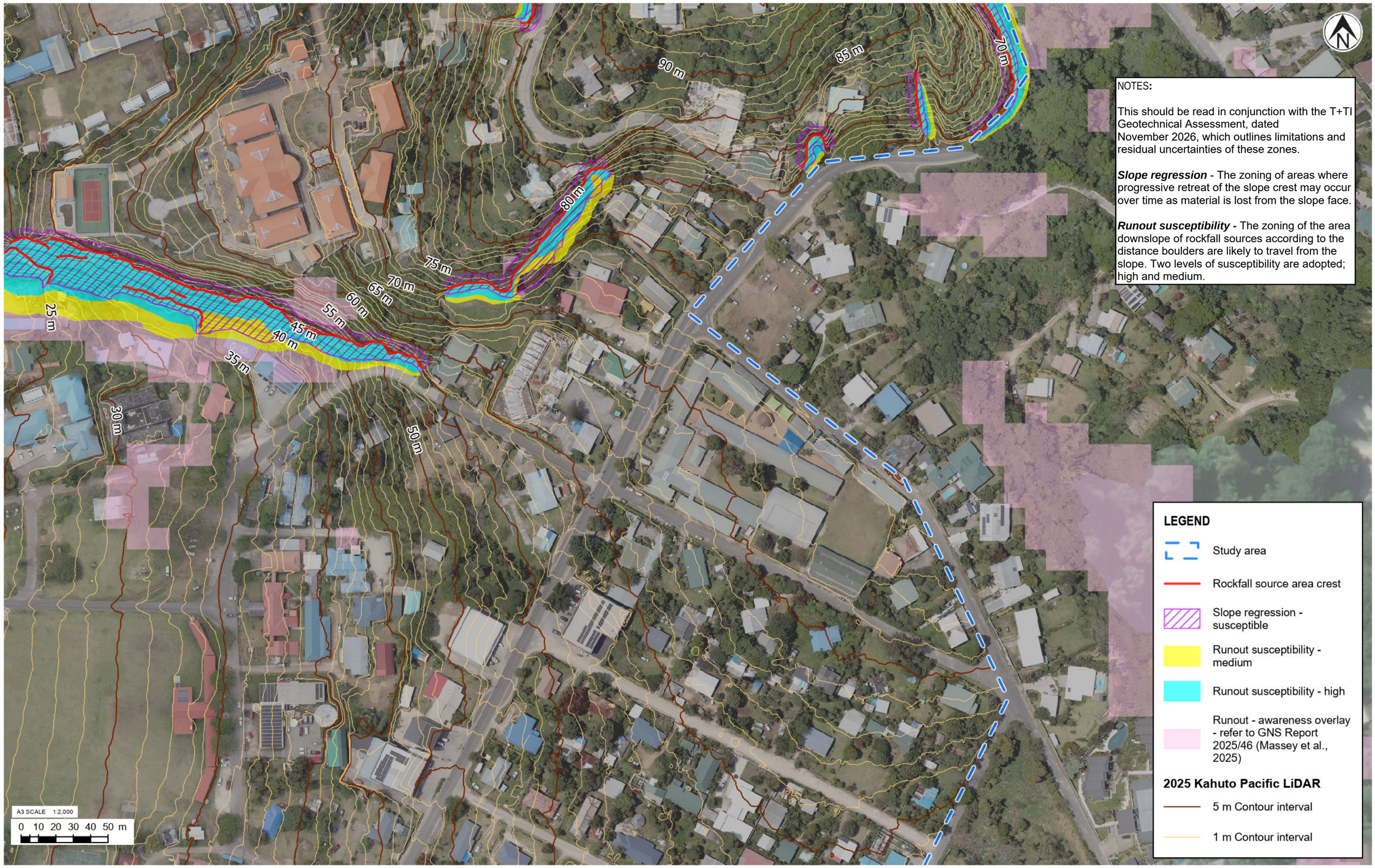

NOTES:

This should be read in conjunction with the T+TI Geotechnical Assessment, dated November 2026, which outlines limitations and residual uncertainties of these zones.

Slope regression - The zoning of areas where progressive retreat of the slope crest may occur over time as material is lost from the slope face.

Runout susceptibility - The zoning of the area downslope of rockfall sources according to the distance boulders are likely to travel from the slope. Two levels of susceptibility are adopted; high and medium.

LEGEND

- Study area
- Rockfall source area crest
- Slope regression - susceptible
- Runout susceptibility - medium
- Runout susceptibility - high
- Runout - awareness overlay - refer to GNS Report 2025/46 (Massey et al., 2025)

2025 Kahuto Pacific LiDAR

- 5 m Contour interval
- 1 m Contour interval

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NOTES:
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TITLE PORT VILA CBD SLOPE SUSCEPTIBILITY ZONES PLAN 7 OF 10

SCALE (A3) 1:2,000 FIG No. FIGURE B7 REV 0

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NOTES:

This should be read in conjunction with the T+TI Geotechnical Assessment, dated November 2026, which outlines limitations and residual uncertainties of these zones.

Slope regression - The zoning of areas where progressive retreat of the slope crest may occur over time as material is lost from the slope face.

Runout susceptibility - The zoning of the area downslope of rockfall sources according to the distance boulders are likely to travel from the slope. Two levels of susceptibility are adopted; high and medium.



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NOTES:
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TITLE PORT VILA CBD SLOPE SUSCEPTIBILITY ZONES PLAN 8 OF 10

SCALE (A3) 1:2,000 FIG No. FIGURE B8 REV 0

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TITLE PORT VILA CBD SLOPE SUSCEPTIBILITY ZONES PLAN 9 OF 10
SCALE (A3) 1:2,000 FIG No. FIGURE B9 REV 0

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NOTES:

This should be read in conjunction with the T+TI Geotechnical Assessment, dated November 2026, which outlines limitations and residual uncertainties of these zones.

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Runout susceptibility - The zoning of the area downslope of rockfall sources according to the distance boulders are likely to travel from the slope. Two levels of susceptibility are adopted; high and medium.

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TITLE PORT VILA CBD SLOPE SUSCEPTIBILITY ZONES PLAN 10 OF 10

SCALE (A3) 1:2,000 FIG No. FIGURE B10 REV 0