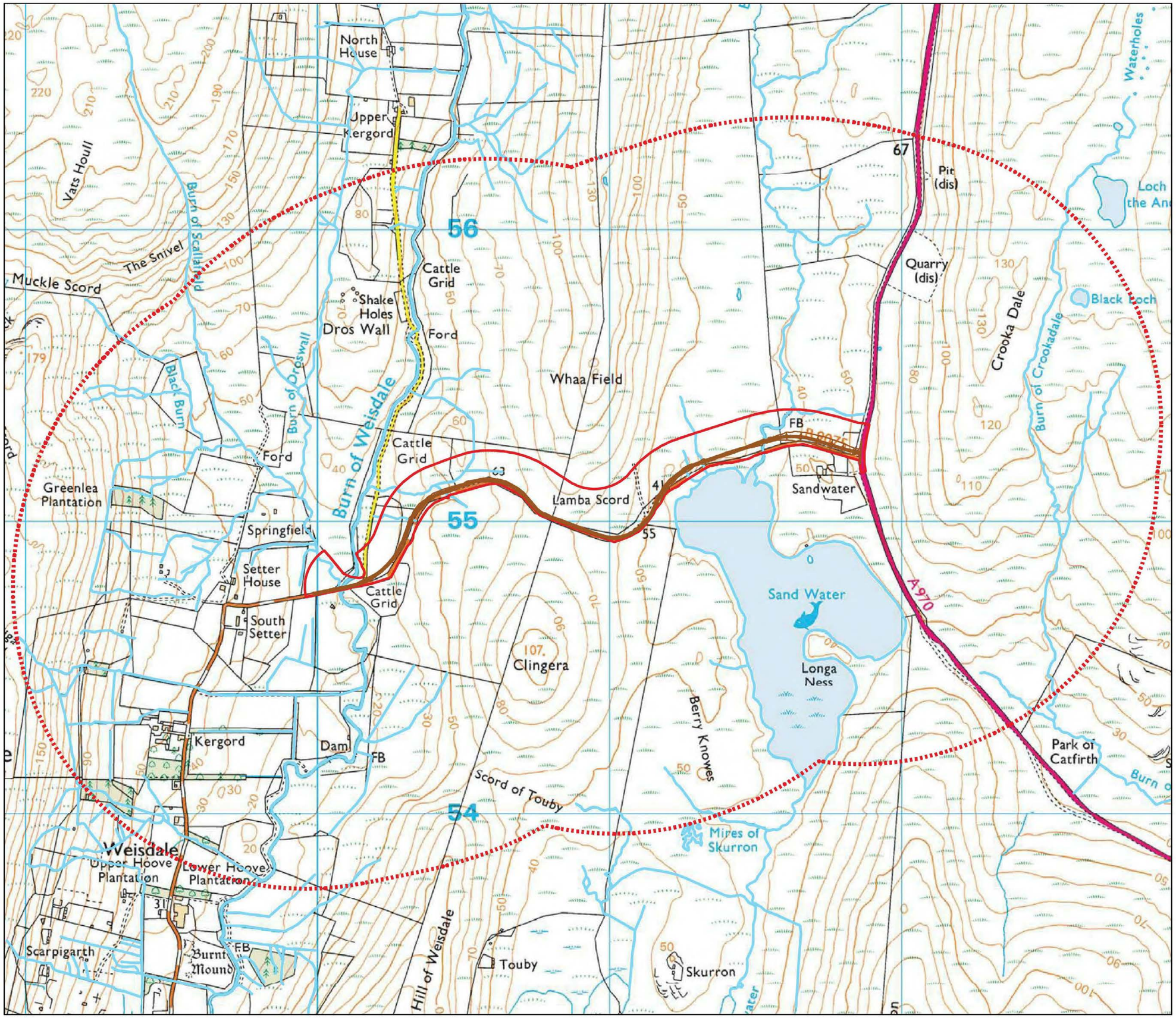


viking energy

Harnessing Shetland's natural resources

Key

- Proposed B9075 Sandwater Road Alignment
- Site Boundary
- Hydrological study area
- Surface watercourse

Scale 1:12,500 @ A3

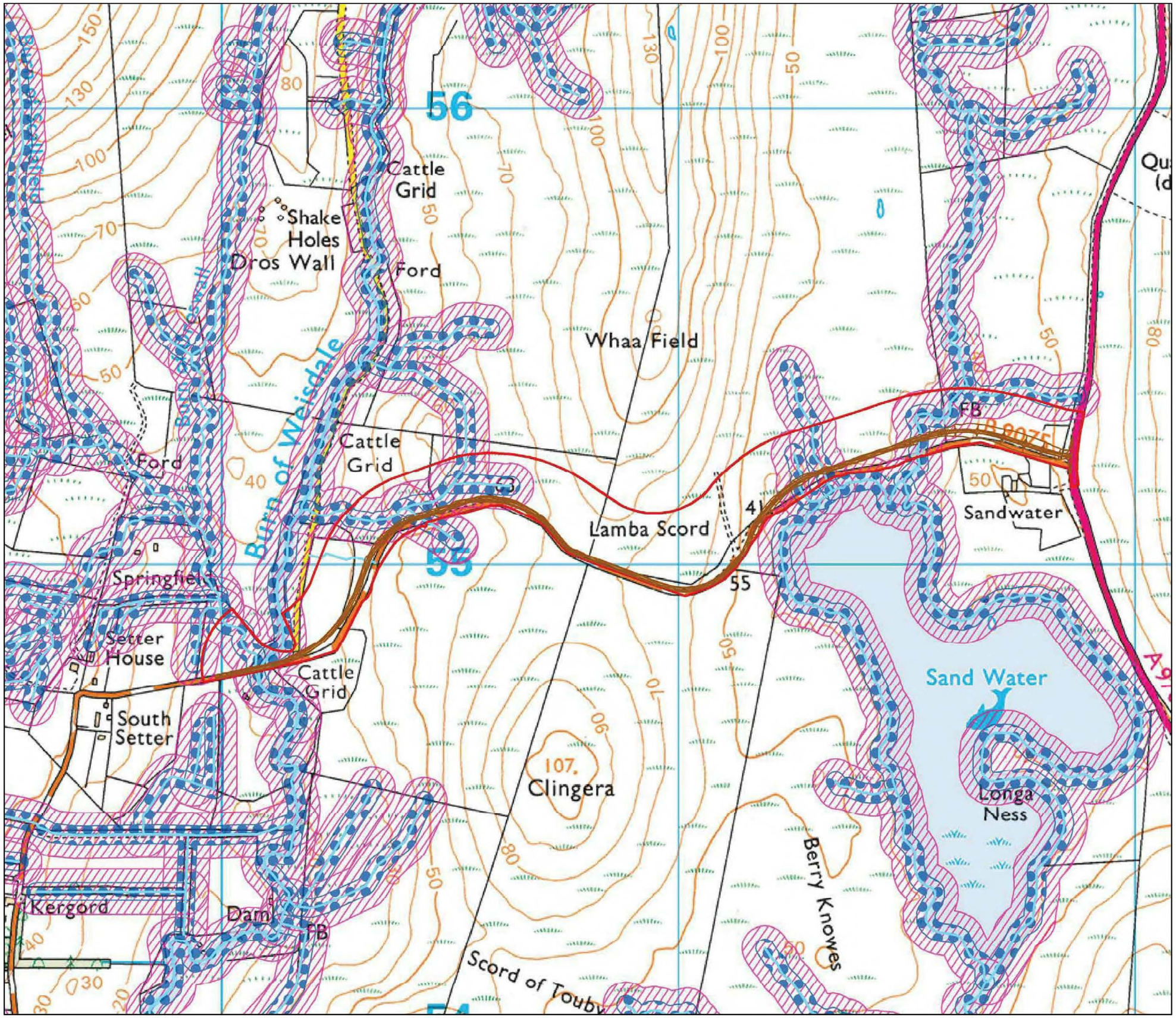
0 0.075 0.15 0.3 km

N

Figure 10.1

Hydrological Study Area

Sandwater Road (B9075)
Environmental Statement



viking energy

Harnessing Shetland's natural resources

Key

- Proposed B9075 Sandwater Road Alignment
- Site Boundary
- Surface watercourse
- 20m buffer
- 50m buffer
- Flood Risk Zone

Scale 1:8,000 @ A3

0 0.05 0.1 0.2 km

N

Figure 10.2

Hydrological Constraints Map

Sandwater Road (B9075)
Environmental Statement

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Key

- Proposed B9075 Sandwater Road Alignment
- Site Boundary

Superficial Geology

- Alluvium - Clay, Silt, Sand and Gravel
- Peat

Scale 1:8,000 @ A3

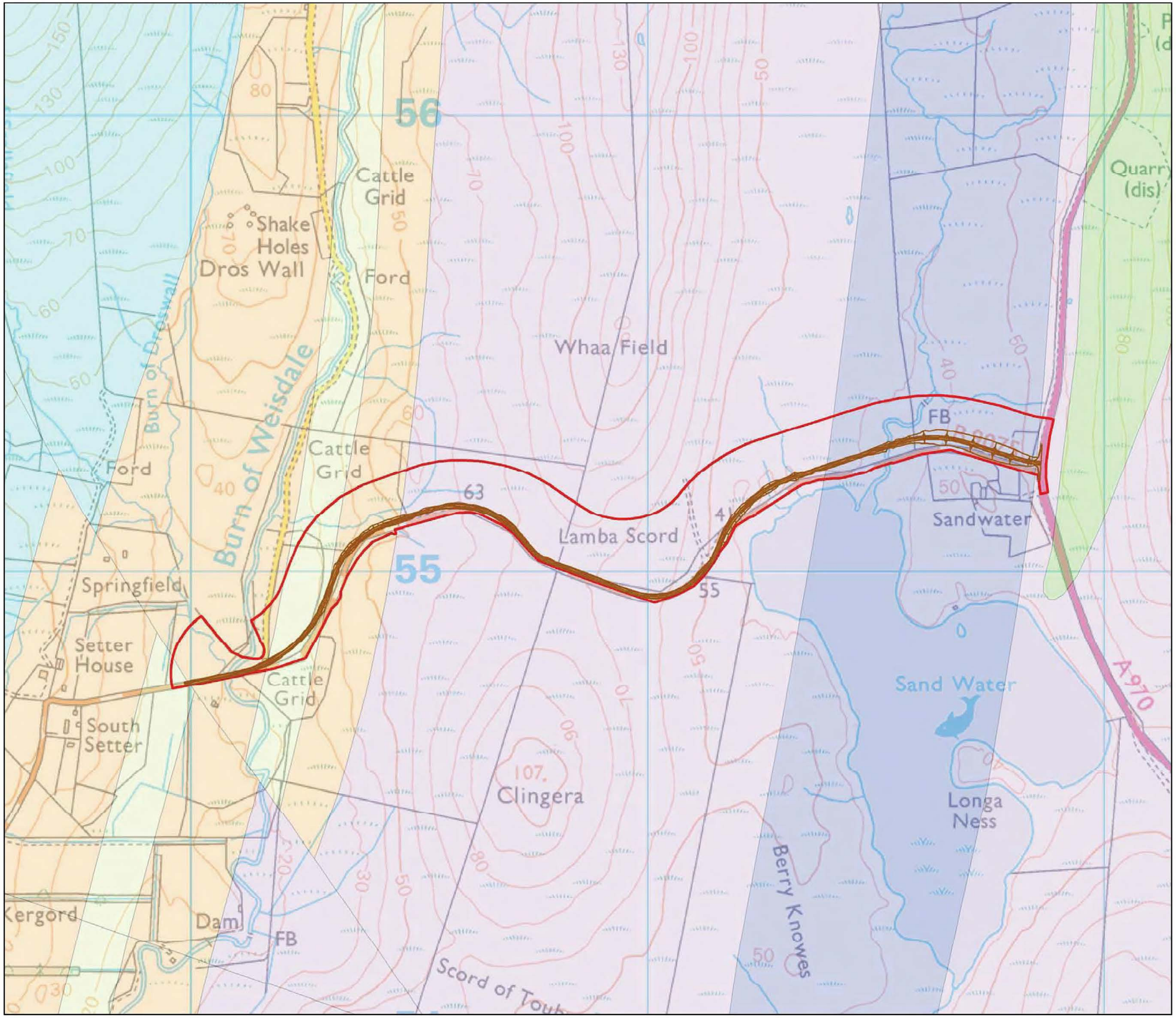
0 0.05 0.1 0.2 km

N

Figure 10.3

Superficial Deposits

Sandwater Road (B9075)
Environmental Statement



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Key

- Proposed B9075 Sandwater Road Alignment
- Site Boundary

Bedrock Geology

- Granite, Gneissose
- Granofelsic Psammite and Granofelsic Semipelite
- Metalimestone
- Metalimestone with Bands of Calcsilicate-Rock
- Pelite, Semipelite and Psammite
- Quartite and Semipelite

Scale 1:8,000 @ A3

0 0.05 0.1 0.2 km

N

Figure 10.4

Geology - Bedrock

Sandwater Road (B9075)
Environmental Statement

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Key

- Asset Locations
- Water Mains Supply
- Proposed B9075 Sandwater Road Alignment
- Site Boundary

Scale 1:8,000 @ A3

0 0.05 0.1 0.2 km

N

Figure 10.5

Water Supply Infrastructure

Sandwater Road (B9075)
Environmental Statement

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Key

- Water Crossing Points
- Proposed B9075 Sandwater Road Alignment
- Surface watercourse

Scale 1:8,000 @ A3

0 0.05 0.1 0.2 km

N

Figure 10.6

Sandwater Road Surface Water Crossing Points

Sandwater Road (B9075)
Environmental Statement