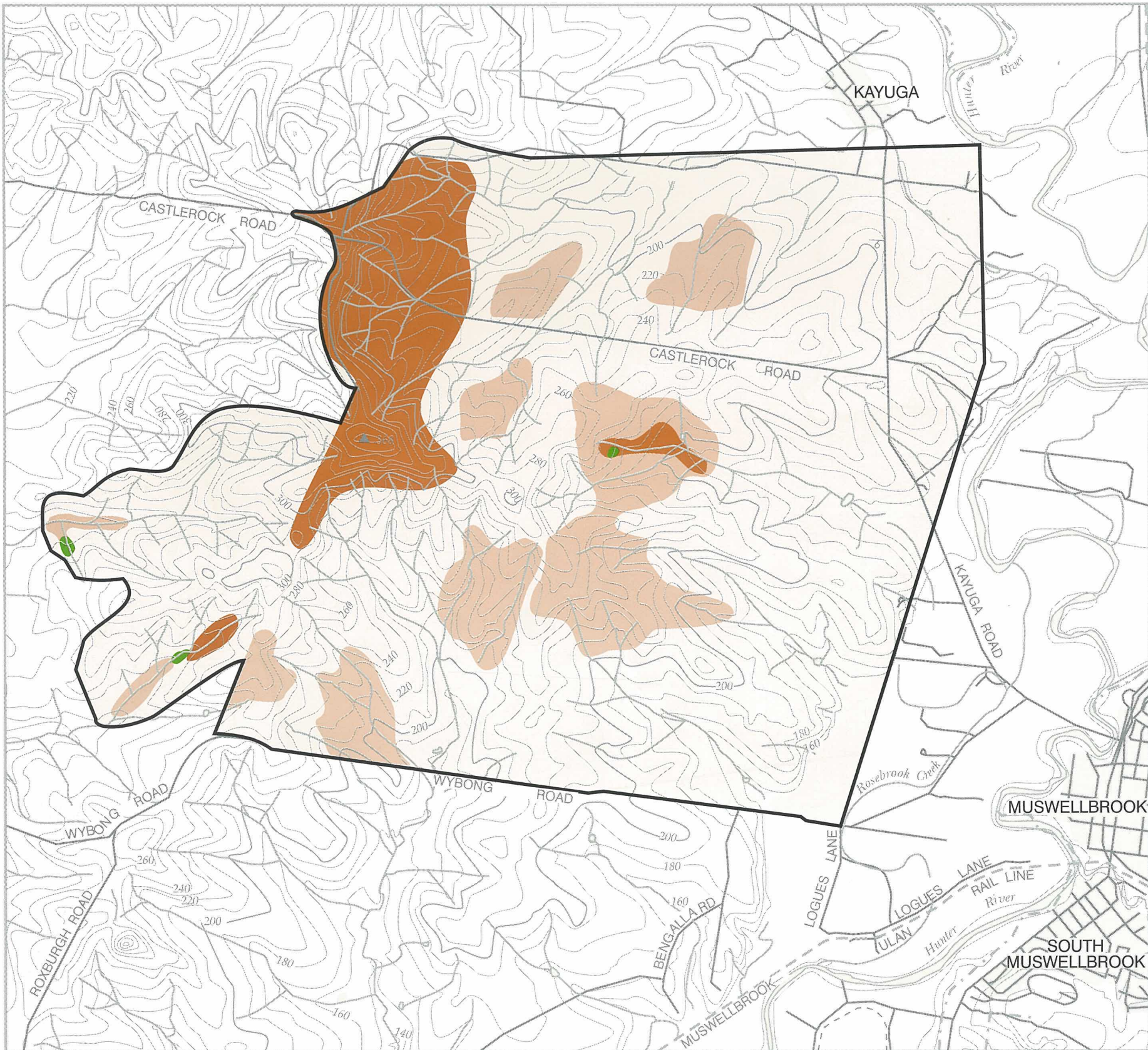
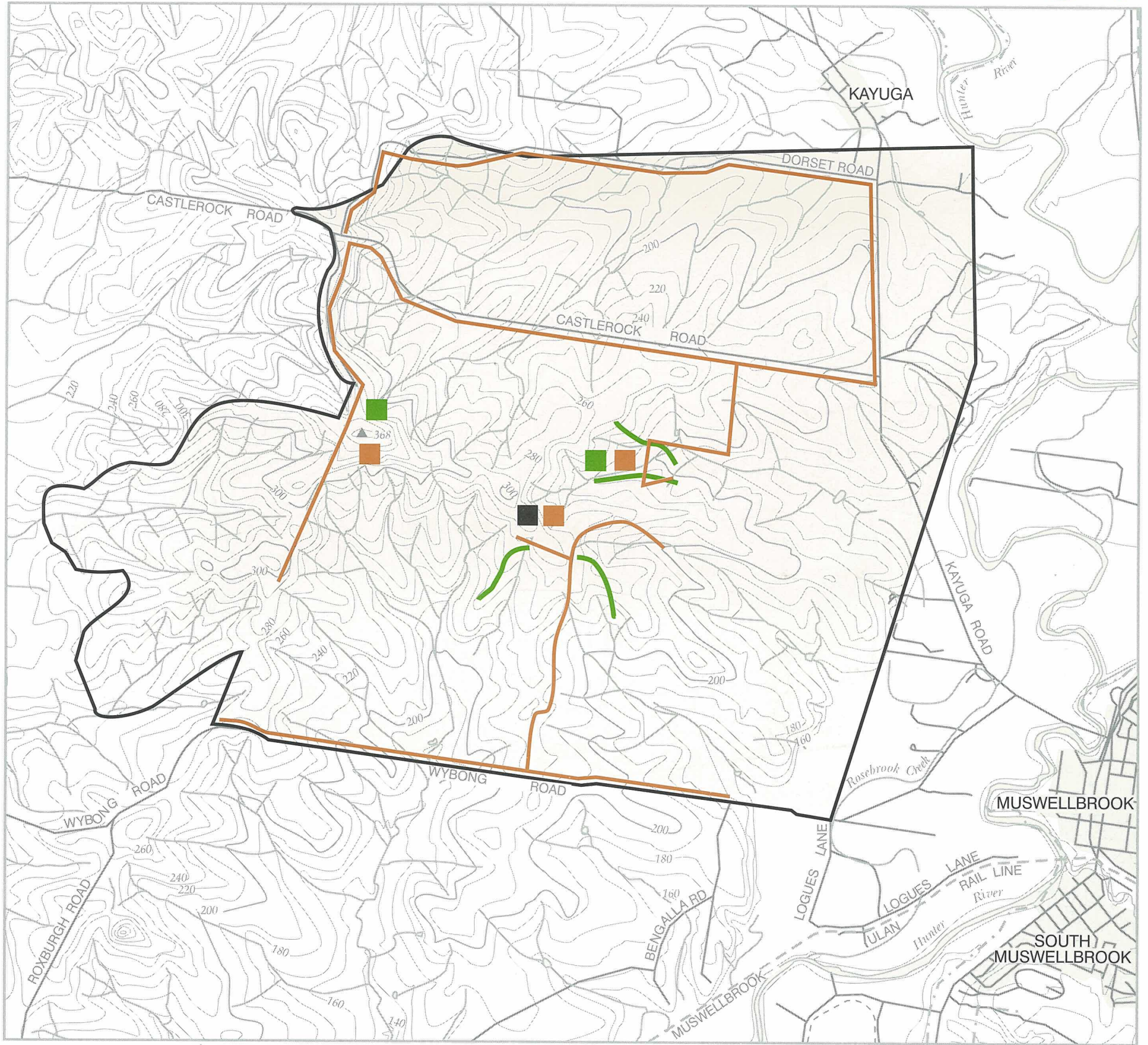







TOPSOIL STRIPPING DEPTH



- Open Forest - White Box Spotted Gum
- Open Forest - White Box Narrow-Leaved Ironbark
- Bull Oak Stand
- Grassland

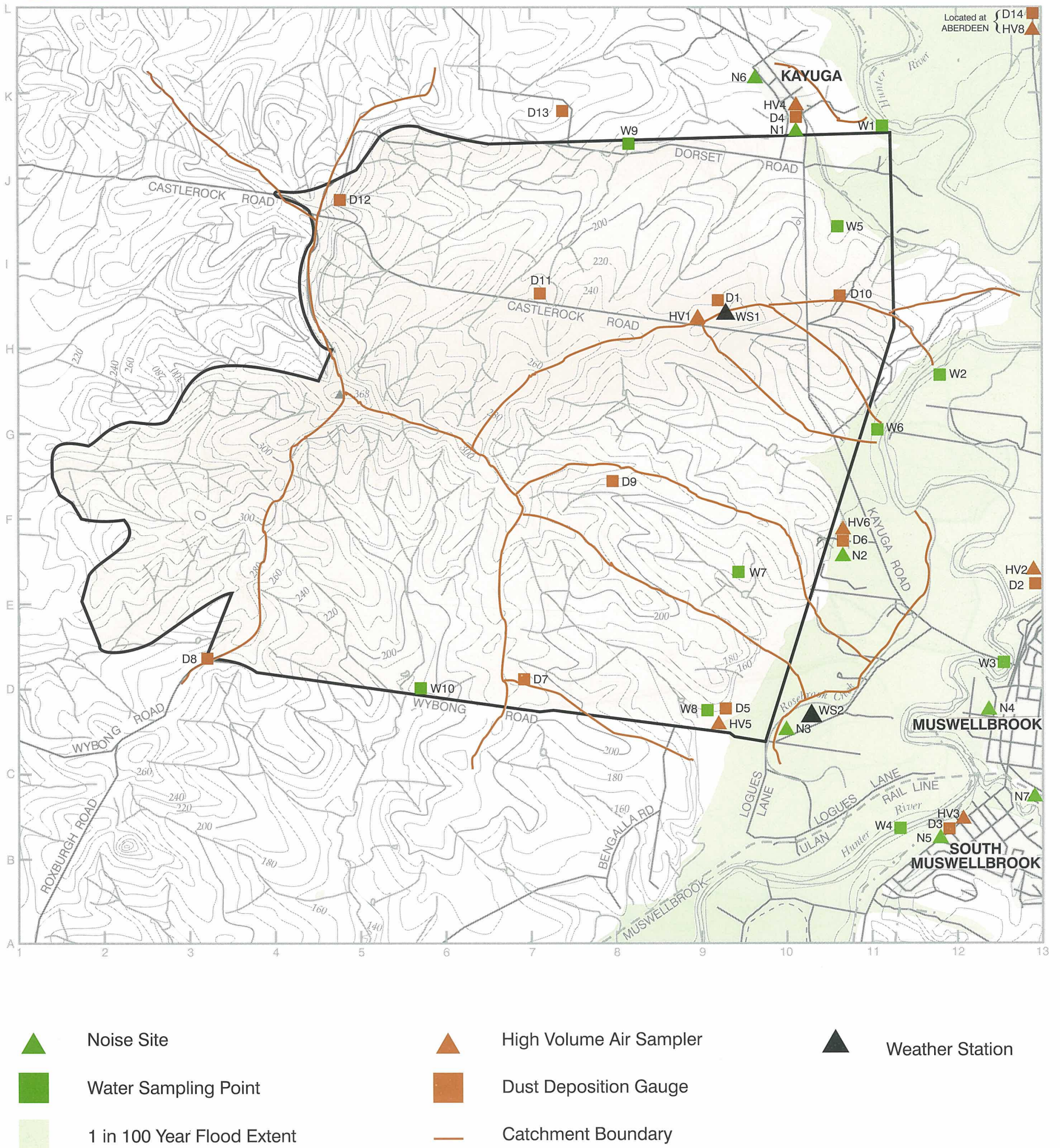
VEGETATION COMMUNITIES



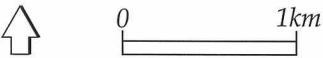
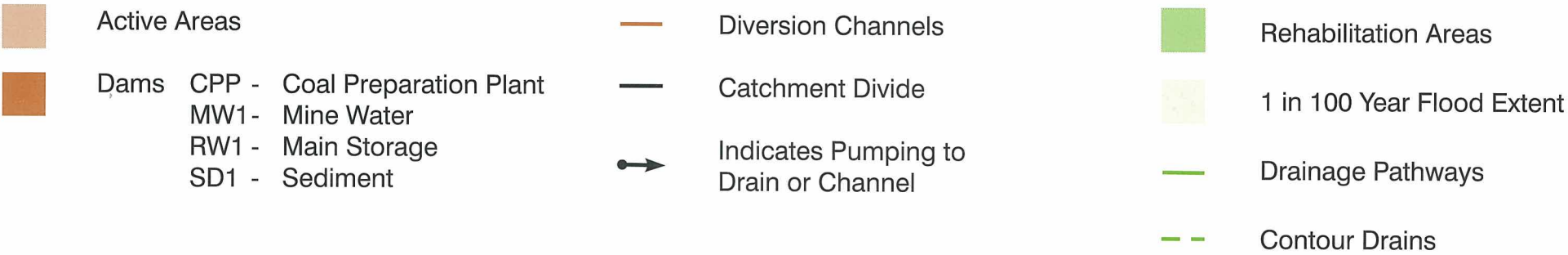
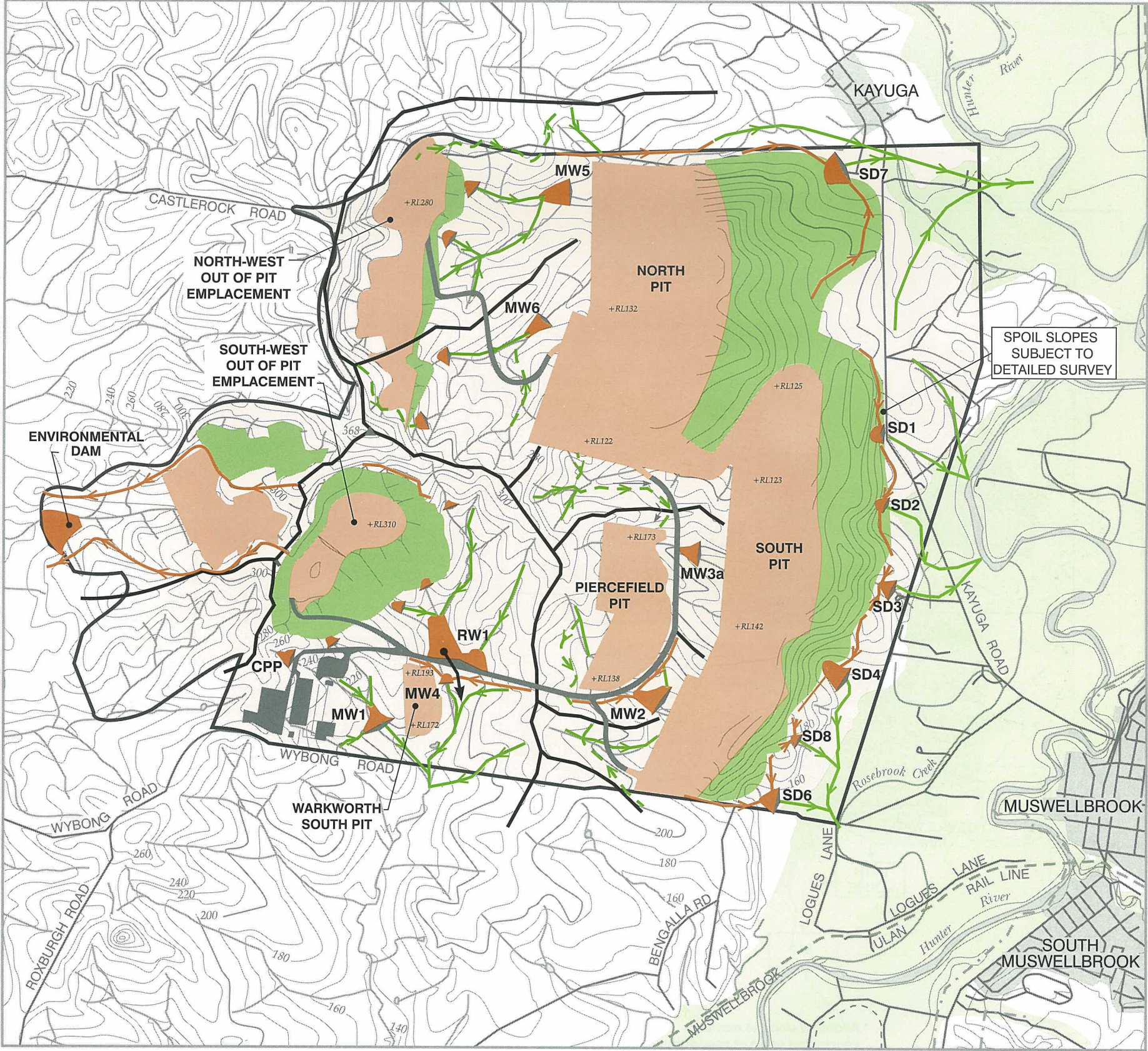
- | | | | | | |
|---|---|---|------------------------|---|--------------------|
|  | Electronic Bat Detectors |  | Playback Calls |  | Cage Trap Location |
|  | Lines of Traps and Hair Tubes for Smaller Mammals |  | Spotlighting Transects | | |



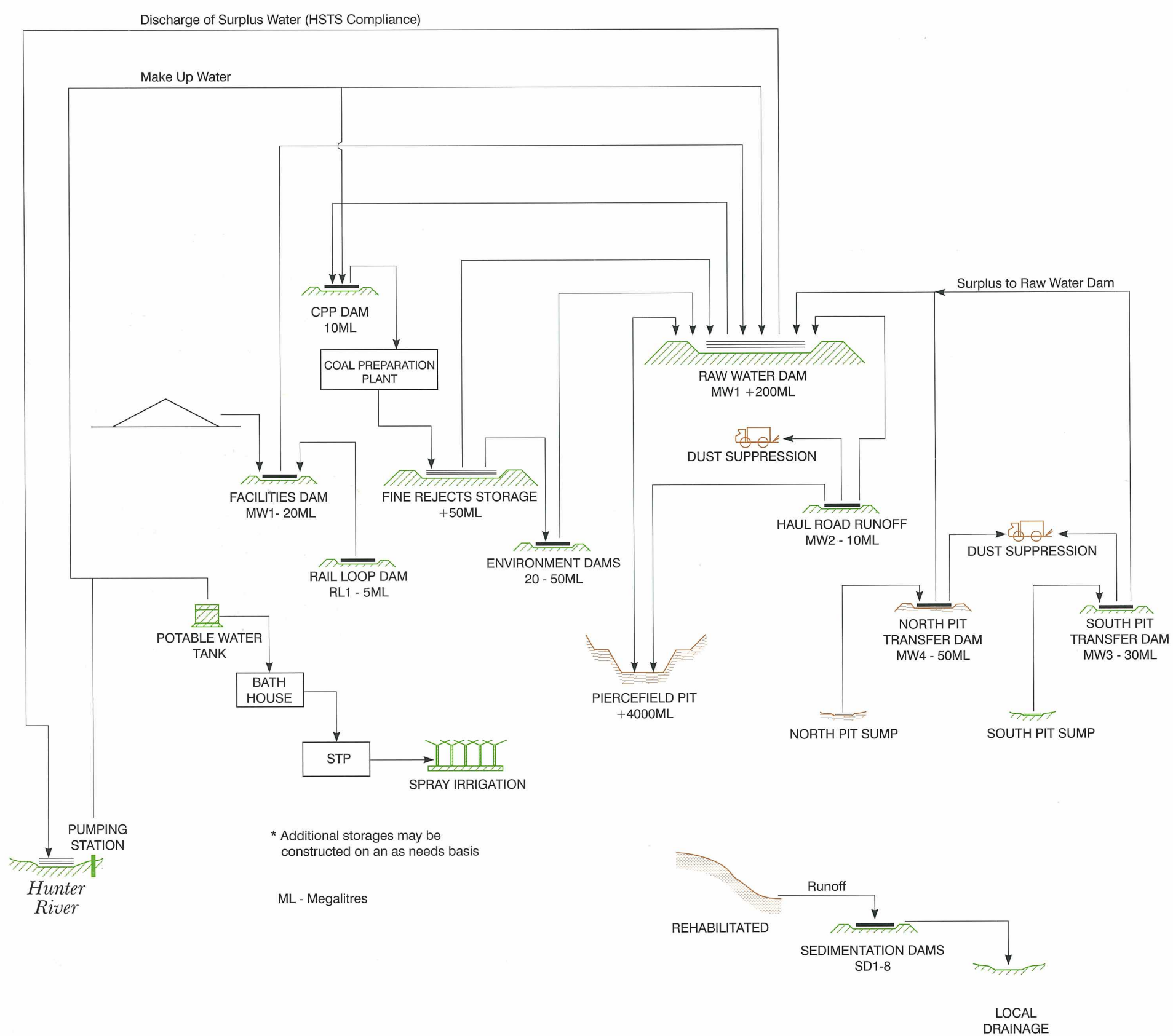
FAUNA SURVEY LOCATIONS



MONITORING LOCATIONS

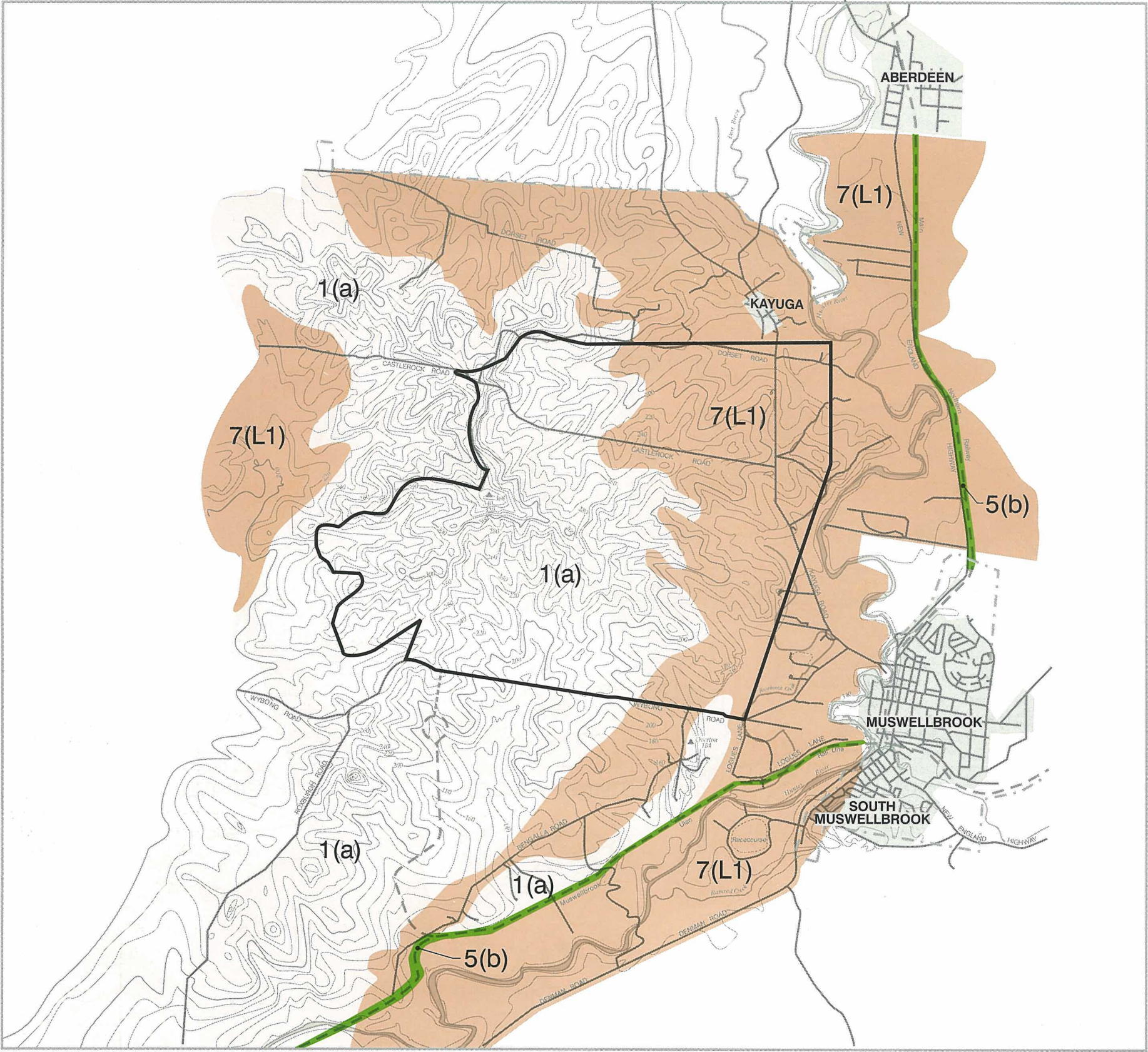


MINE WATER MANAGEMENT SYSTEM - YEAR 10



SCHEMATIC OF WATER MANAGEMENT SYSTEM

Not to Scale



5(b) - Special Uses "B" Railways



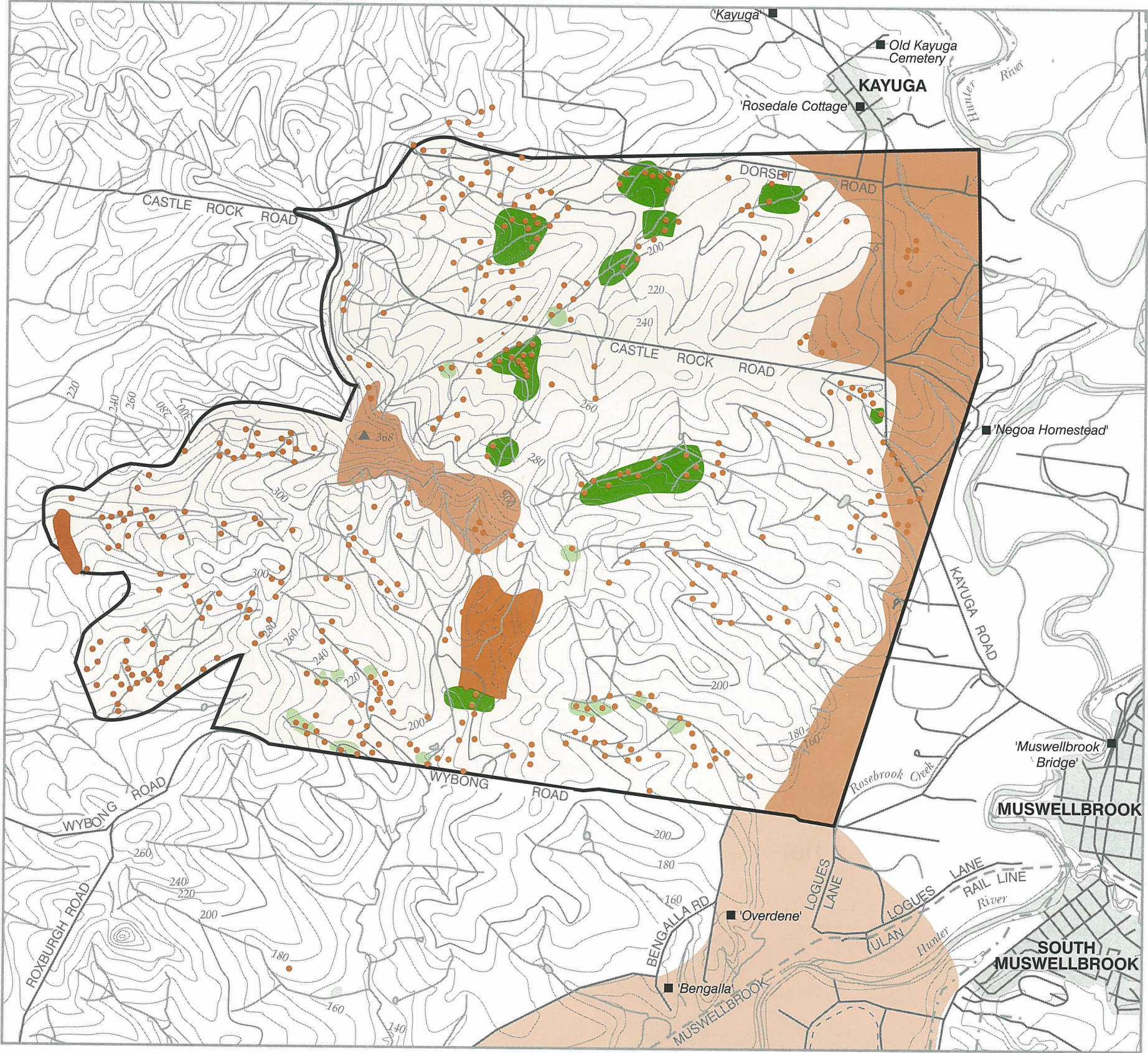
7(L1) - Environment Protection General
(Alluvial Areas)



1(a) - Rural "A"



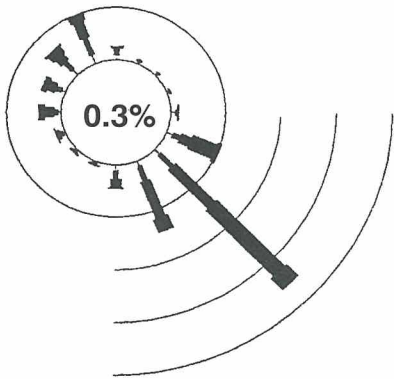
0 2km



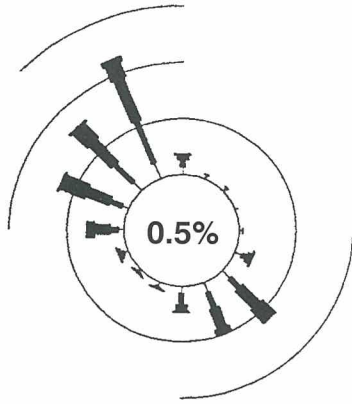
- | | | |
|--|--|--|
| <ul style="list-style-type: none"> Aboriginal Archaeological Sites European Heritage Sites | <ul style="list-style-type: none"> Area Not Affected Jerry's Plain Landscape Conservation Area | <p>MANAGEMENT RECOMMENDATIONS</p> <ul style="list-style-type: none"> Avoid or Salvage Comprehensive Exploration, Collection and Excavation Collection, Minor Excavation |
|--|--|--|

HERITAGE ITEMS

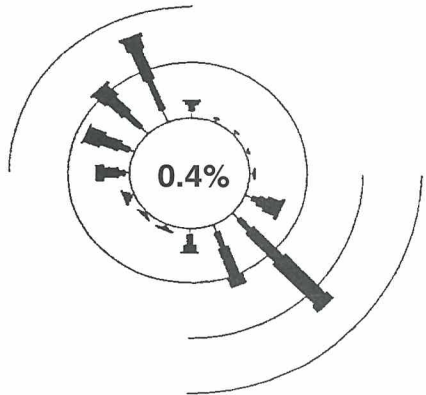




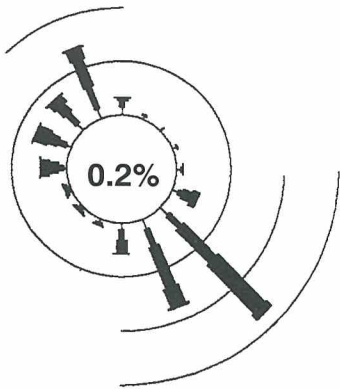
Frequencies for Hours 000-2400
SUMMER 1995



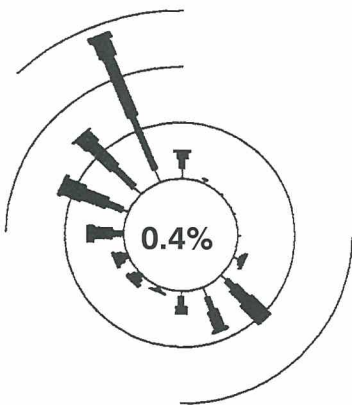
Frequencies for Hours 000-2400
WINTER 1995



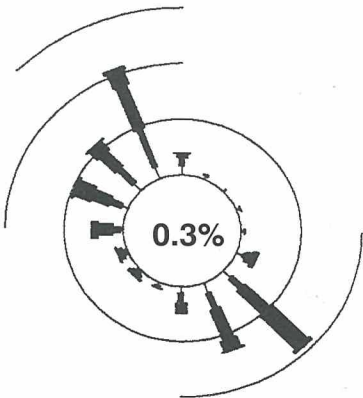
Frequencies for Hours 000-2400
ANNUAL 1995



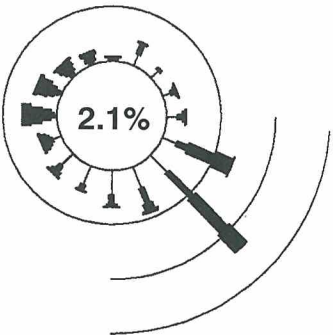
Frequencies for Hours 000-2400
STATION 1 SUMMER 1996



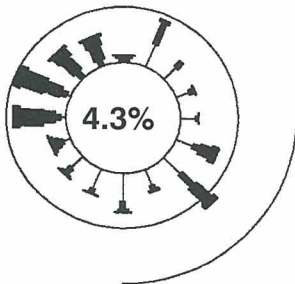
Frequencies for Hours 000-2400
STATION 1 WINTER 1996



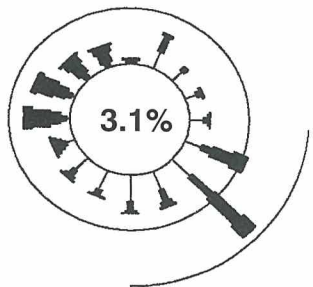
Frequencies for Hours 000-2400
STATION 1 ANNUAL 1996



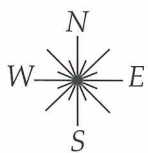
Frequencies for Hours 000-2400
STATION 2 SUMMER 1996



Frequencies for Hours 000-2400
STATION 2 WINTER 1996



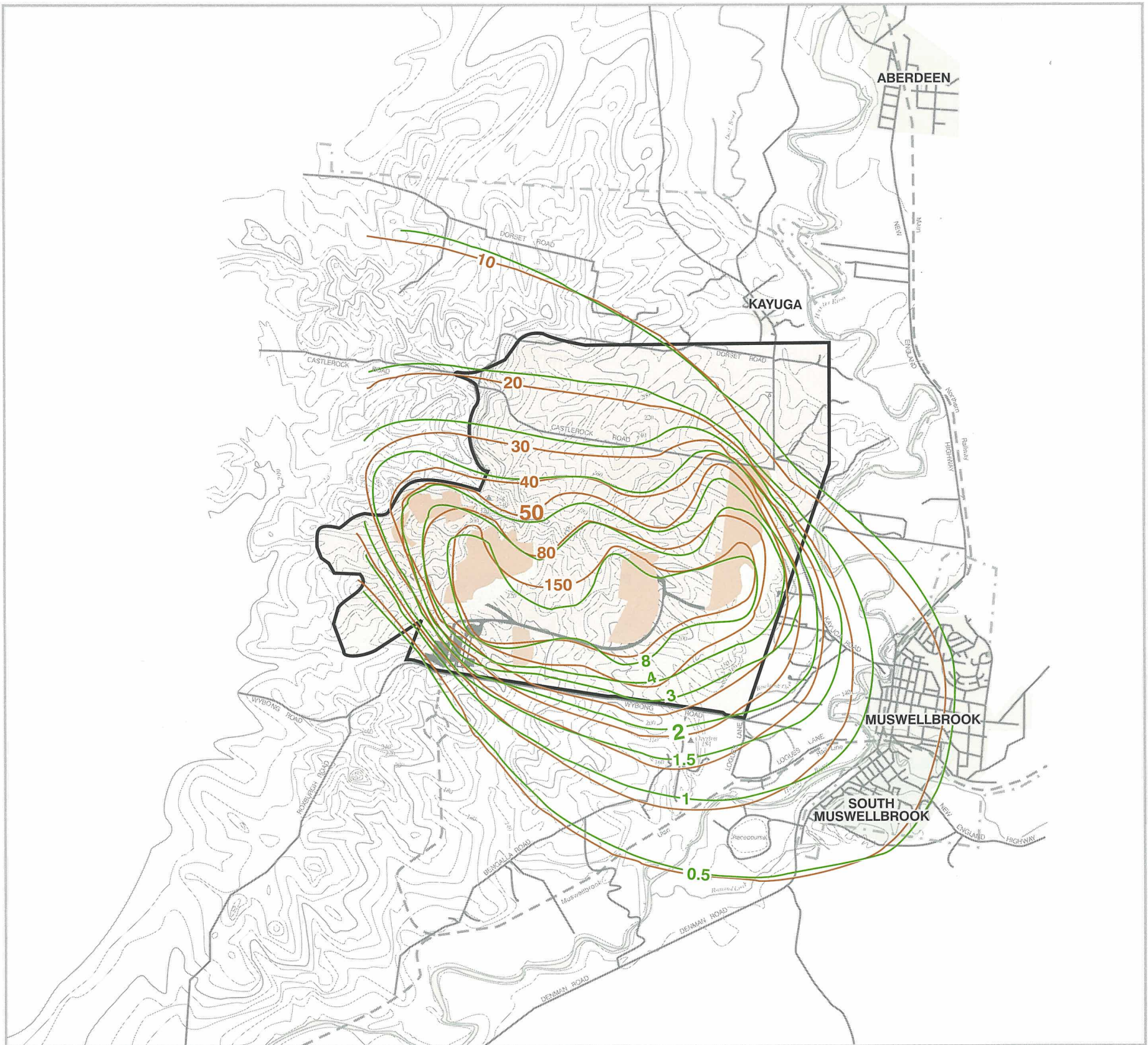
Frequencies for Hours 000-2400
STATION 2 ANNUAL 1996



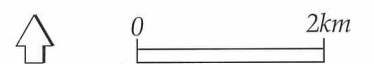
Wind Speed - km/hr

Arcs Represent 10% Frequency Intervals

ANNUAL AND SEASONAL WIND ROSES

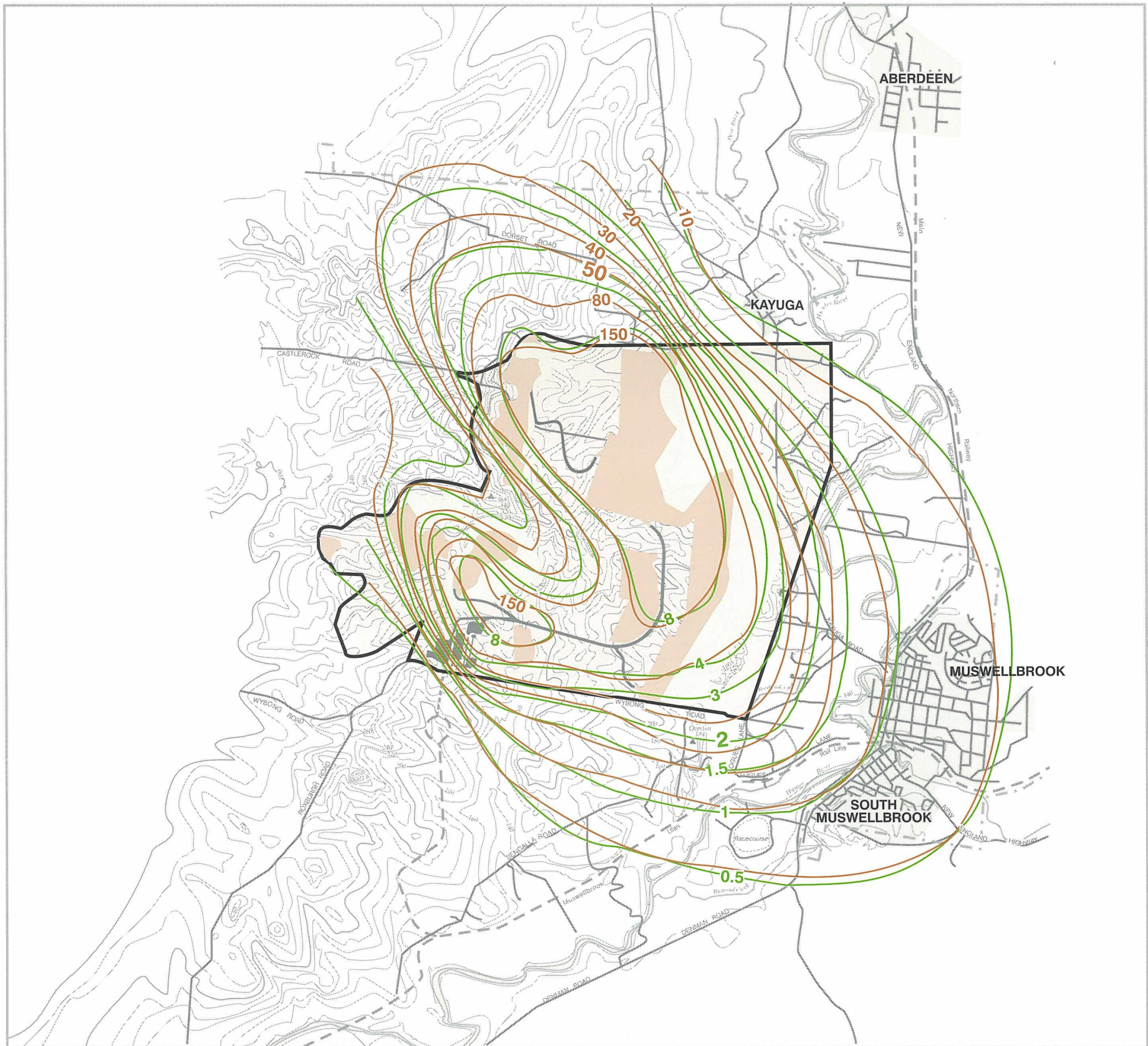


DUST CONCENTRATION AND DEPOSITION - YEAR 2



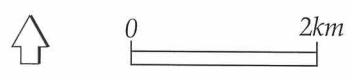


DUST CONCENTRATION AND DEPOSITION - YEAR 5

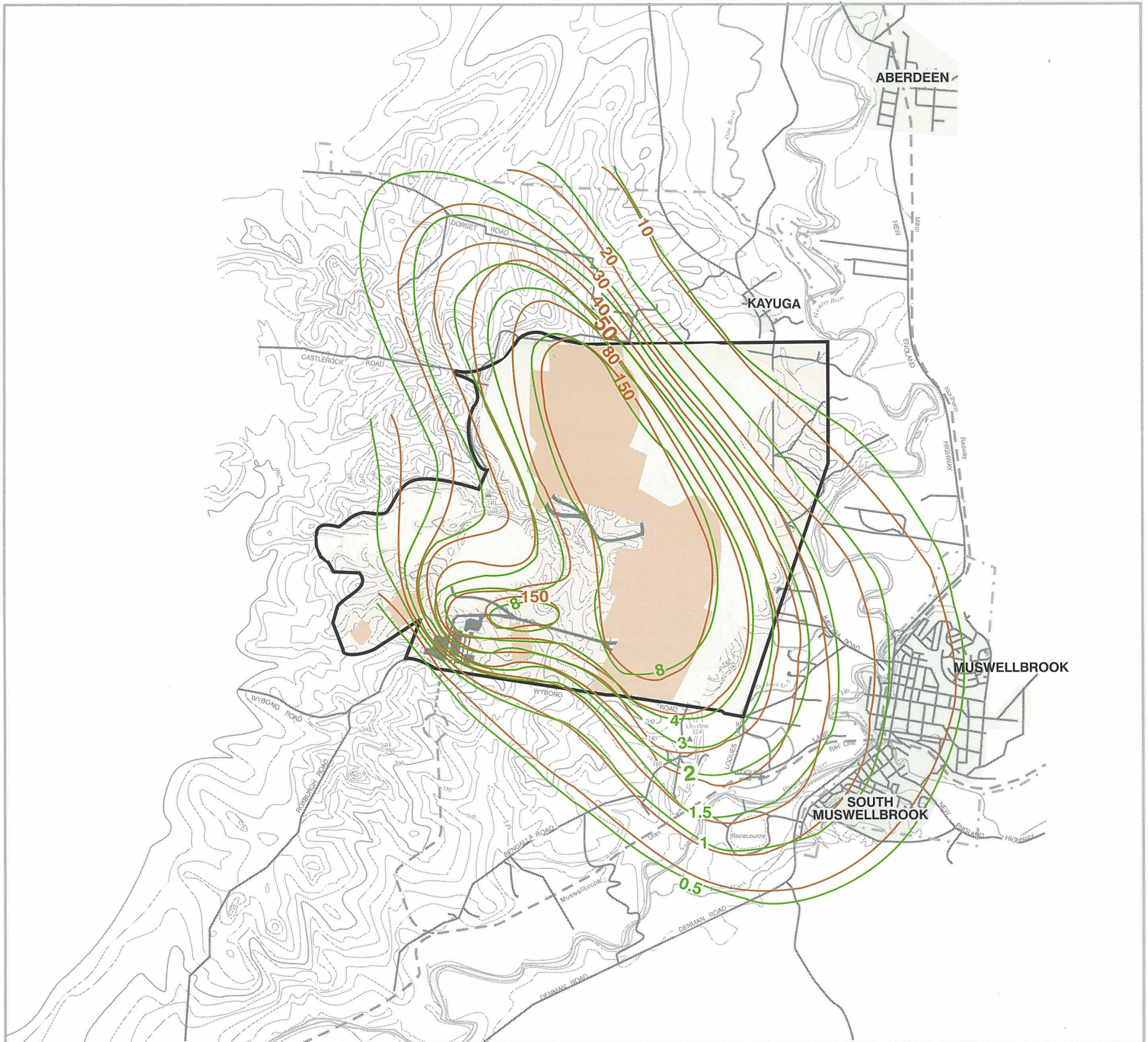


- Predicted Dust Deposition ($\text{g/m}^2/\text{month}$)
- Predicted Concentration of TSP ($\mu\text{g/m}^3$)
- Rehabilitation Areas
- Active Areas

DUST CONCENTRATION AND DEPOSITION - YEAR 10



DUST CONCENTRATION AND DEPOSITION - YEAR 15



DUST CONCENTRATION AND DEPOSITION - YEAR 20



0 2km



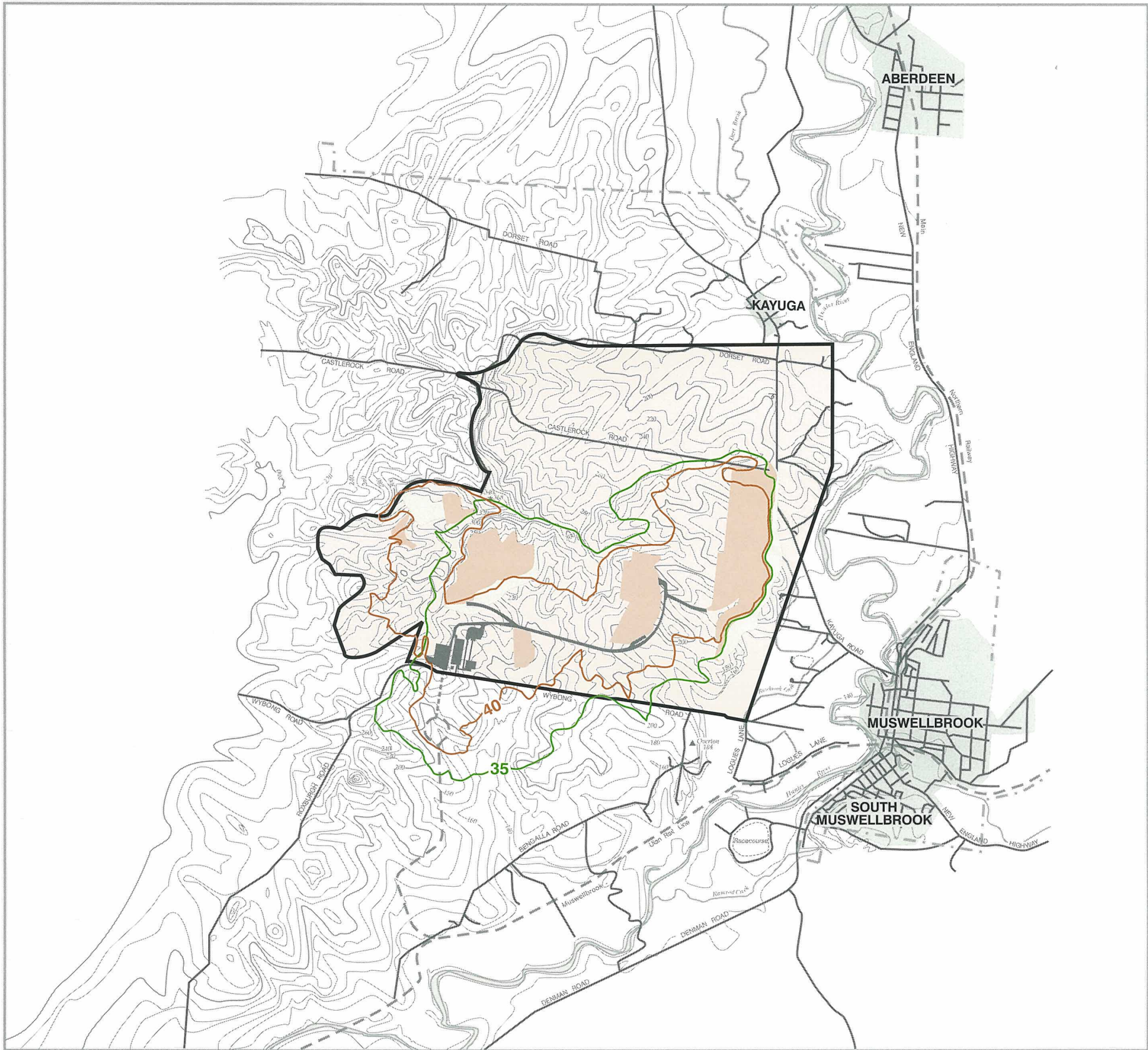
- Mount Pleasant Mine - All Years
- Cumulative Effects Envelope

- Kayuga Mine - All Years
- Bengalla Mine - All Years



0 2km

PROPERTIES AFFECTED BY AIR QUALITY

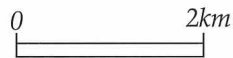


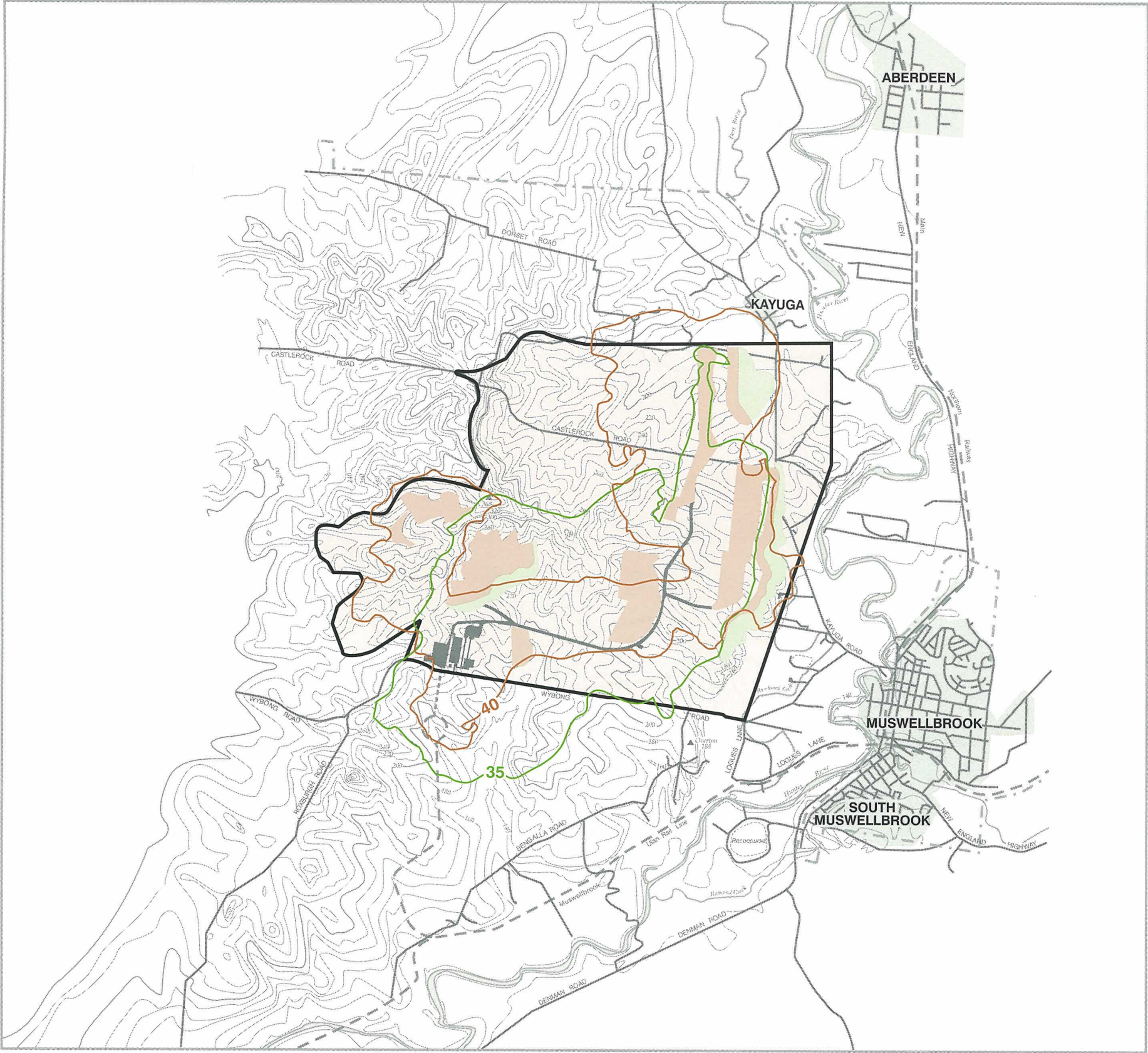
35 dB(A) - Night time

Rehabilitation Areas

40 dB(A) - Daytime

Active Areas

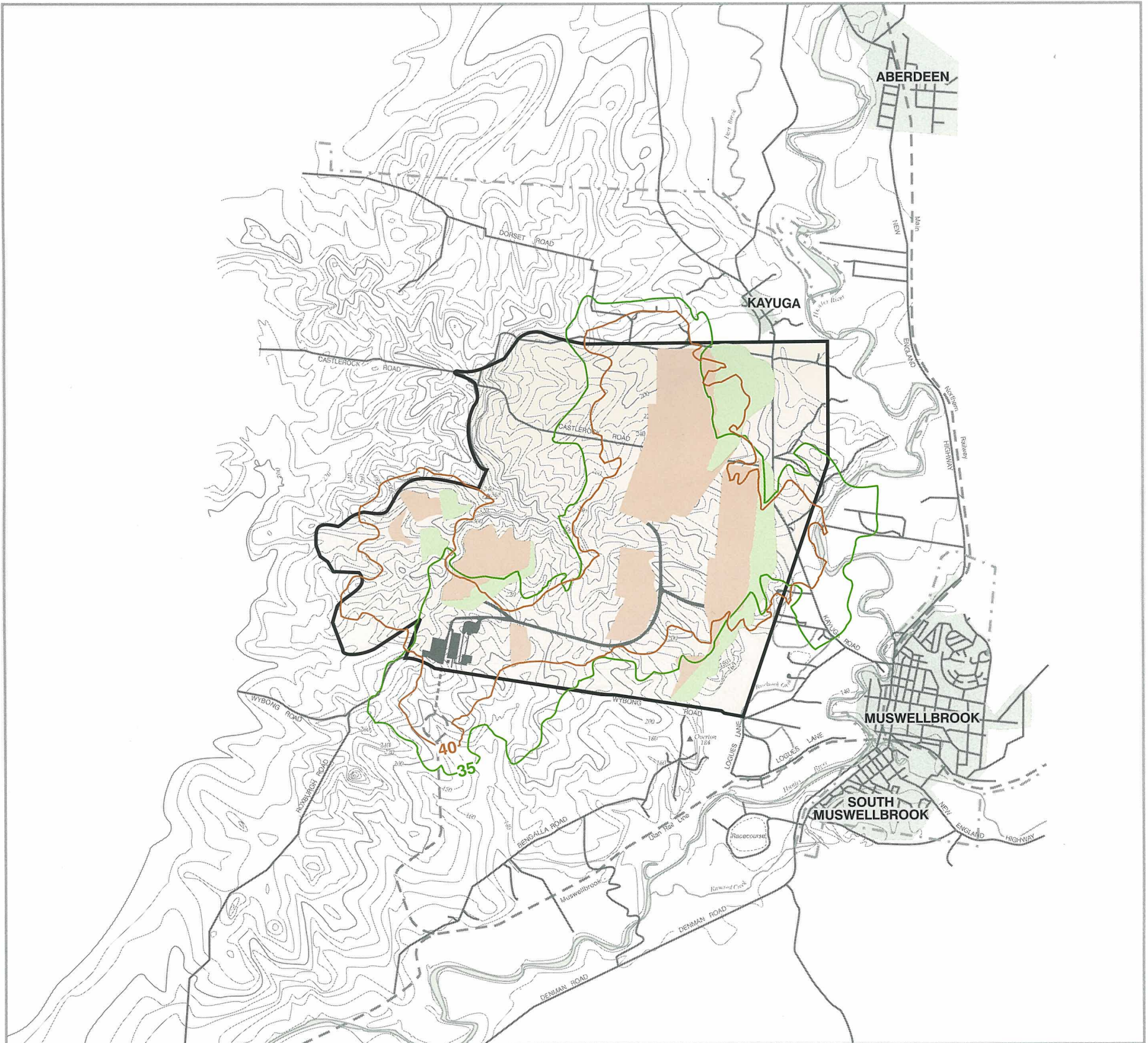




35 dB(A) - Night time
Rehabilitation Areas

40 dB(A) - Daytime
Active Areas



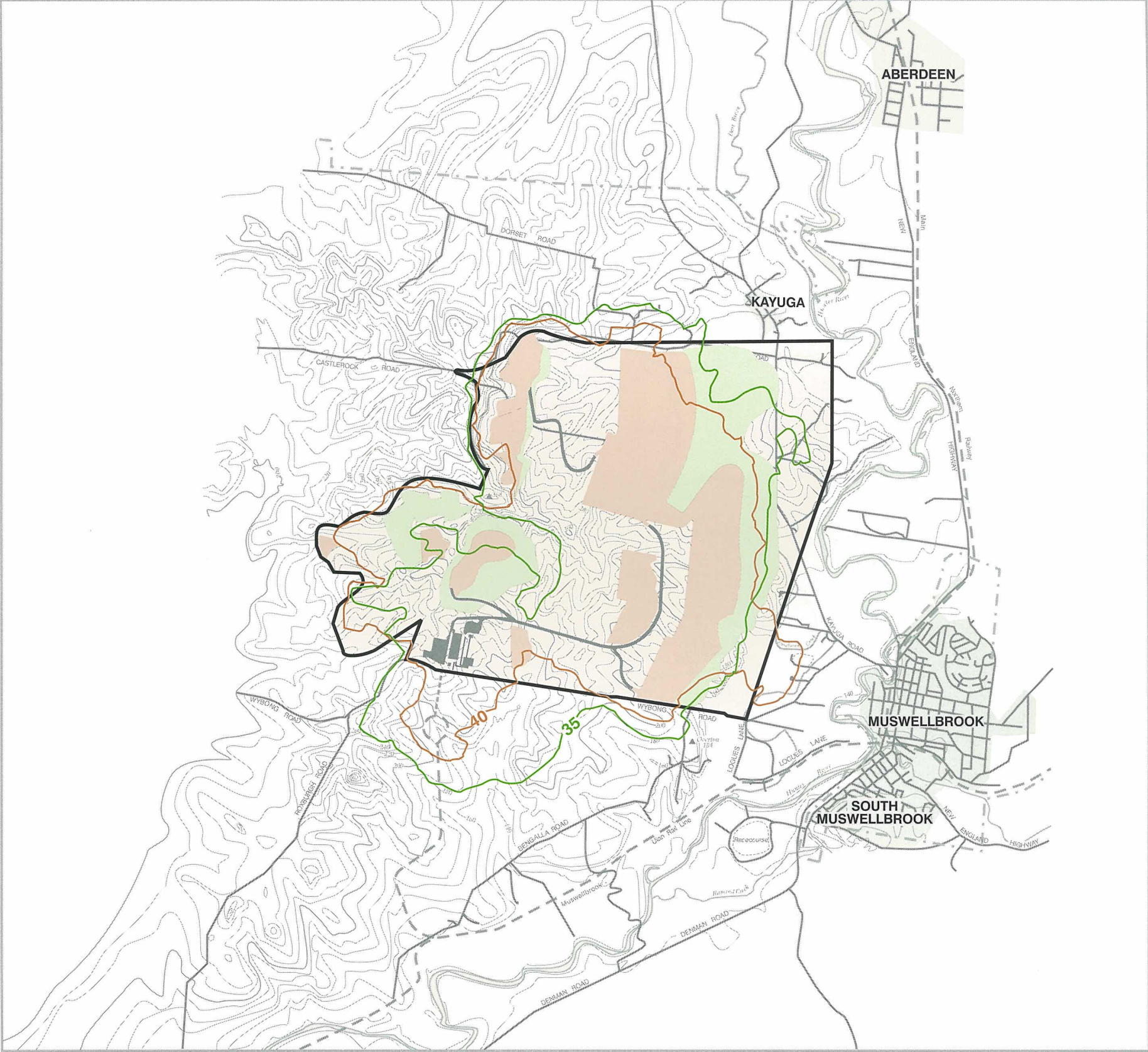


35 dB(A) - Night time

Rehabilitation Areas

40 dB(A) - Daytime

Active Areas

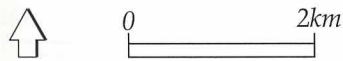


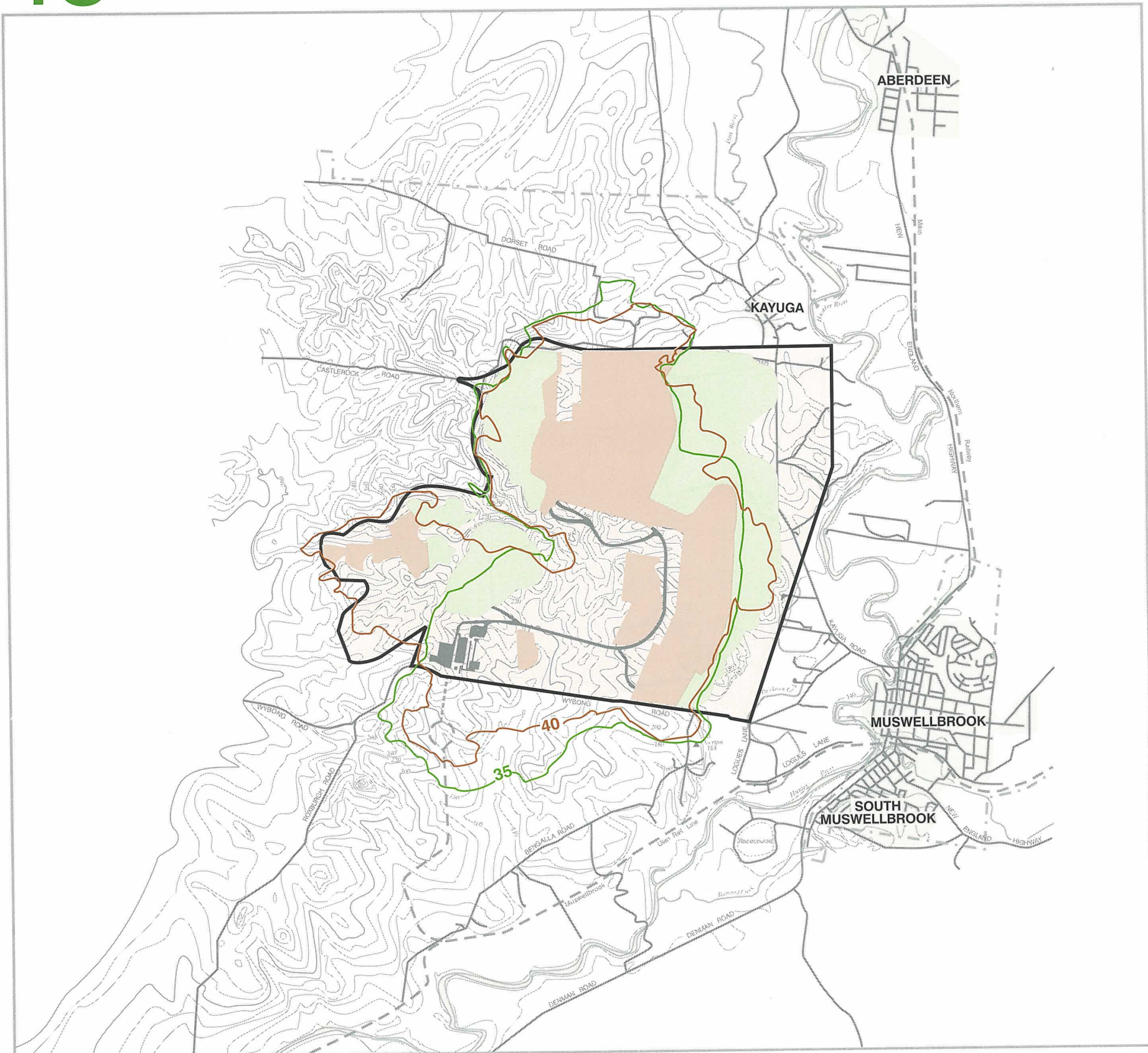
35 dB(A) - Night time

Rehabilitation Areas

40 dB(A) - Daytime

Active Areas





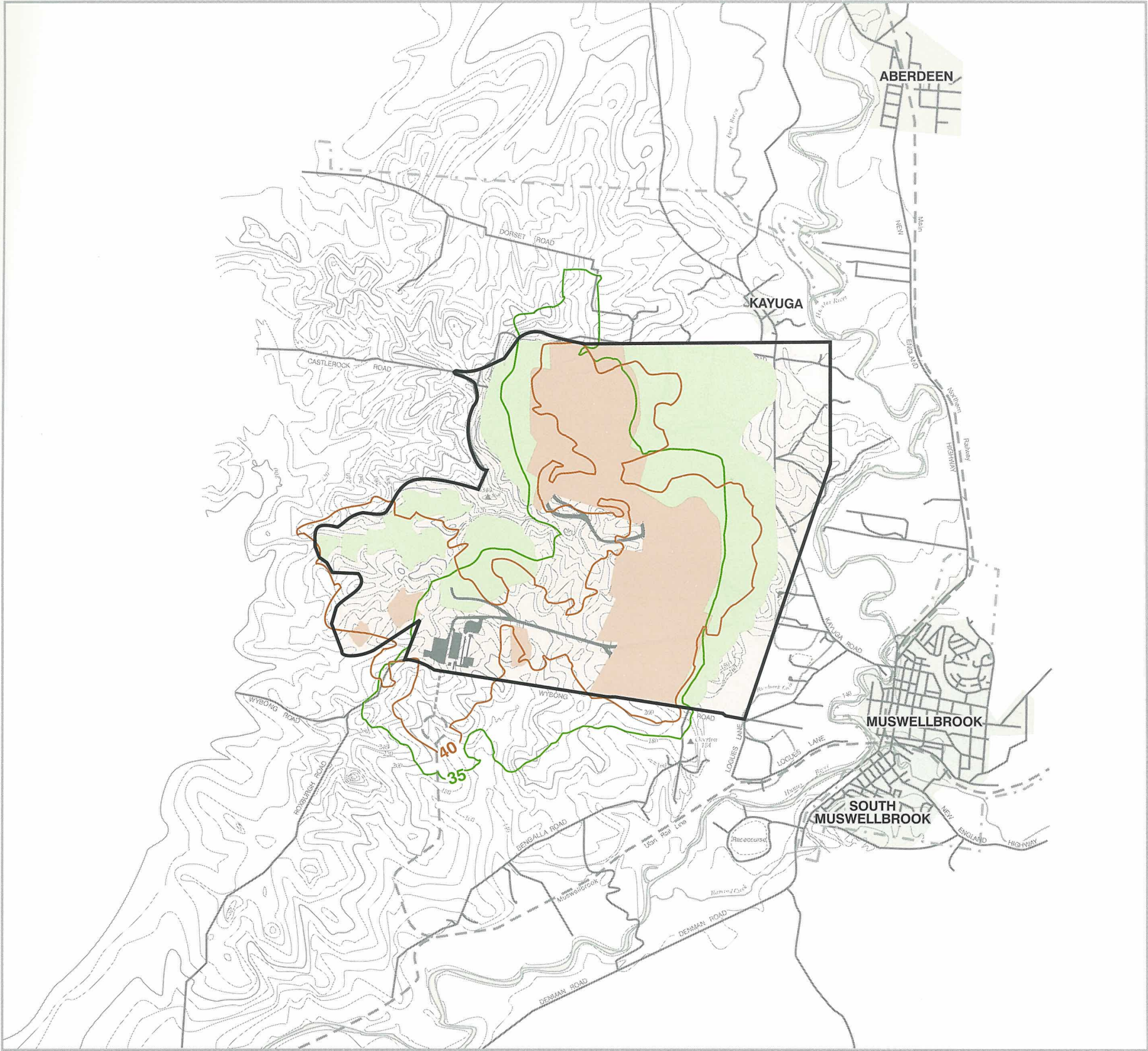
— 35 dB(A) - Night time

■ Rehabilitation Areas.

— 40 dB(A) - Daytime

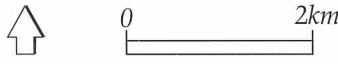
■ Active Areas





35 dB(A) - Night time
Rehabilitation Areas

40 dB(A) - Daytime
Active Areas





— Mount Pleasant Mine - All Years

■ Cumulative Effects Envelope

— Kayuga Mine - All Years

- - Bengalla Mine - All Years

CUMULATIVE NOISE AND AFFECTED PROPERTIES



0 2km



Mount Pleasant Mine Effects Envelope

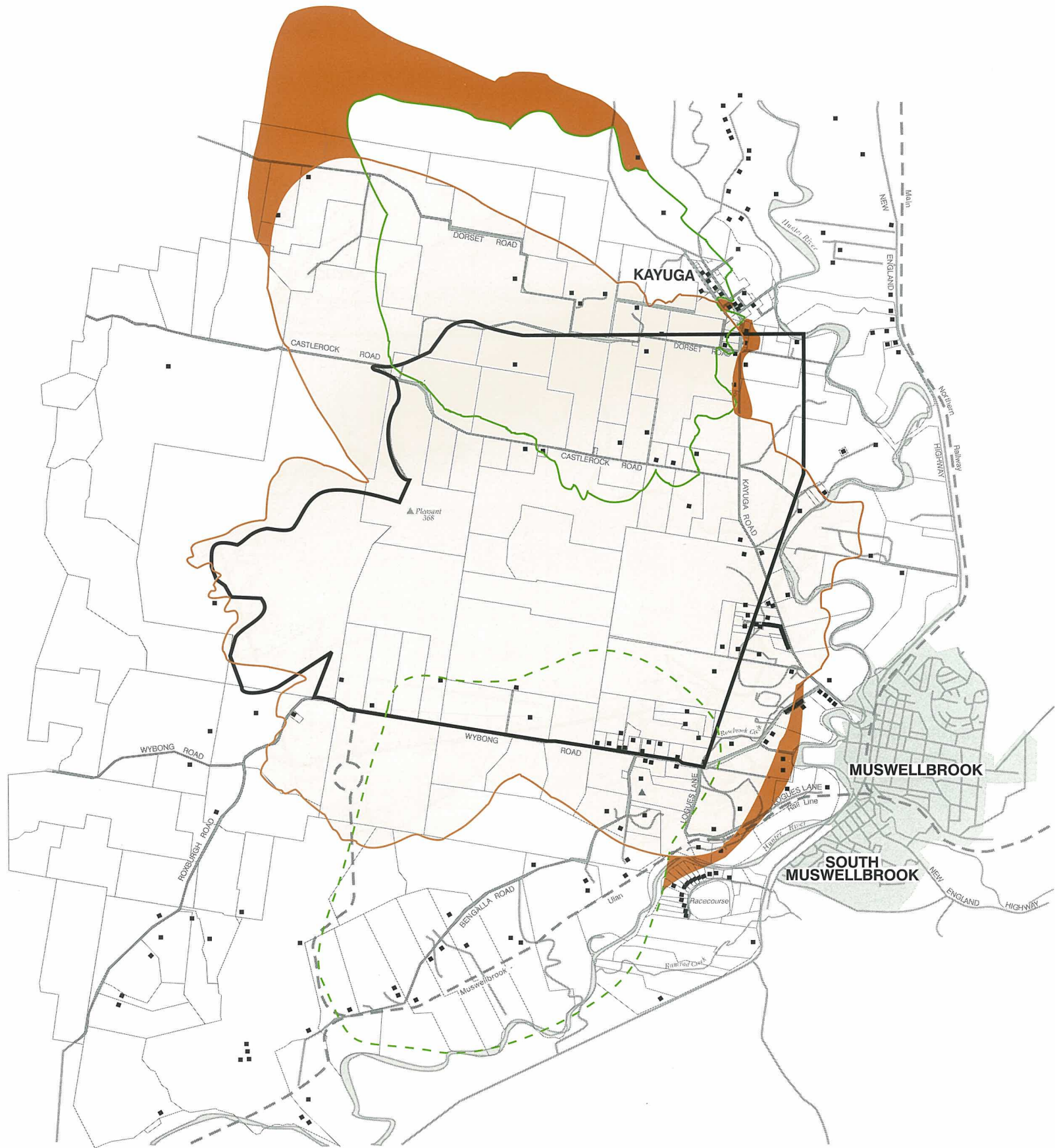


Mount Pleasant Survey Boundary



0 2km

PROPERTIES AFFECTED BY NOISE AND AIR QUALITY



Mount Pleasant Mine - All Years

Cumulative Effects Envelope



Kayuga Mine - All Years

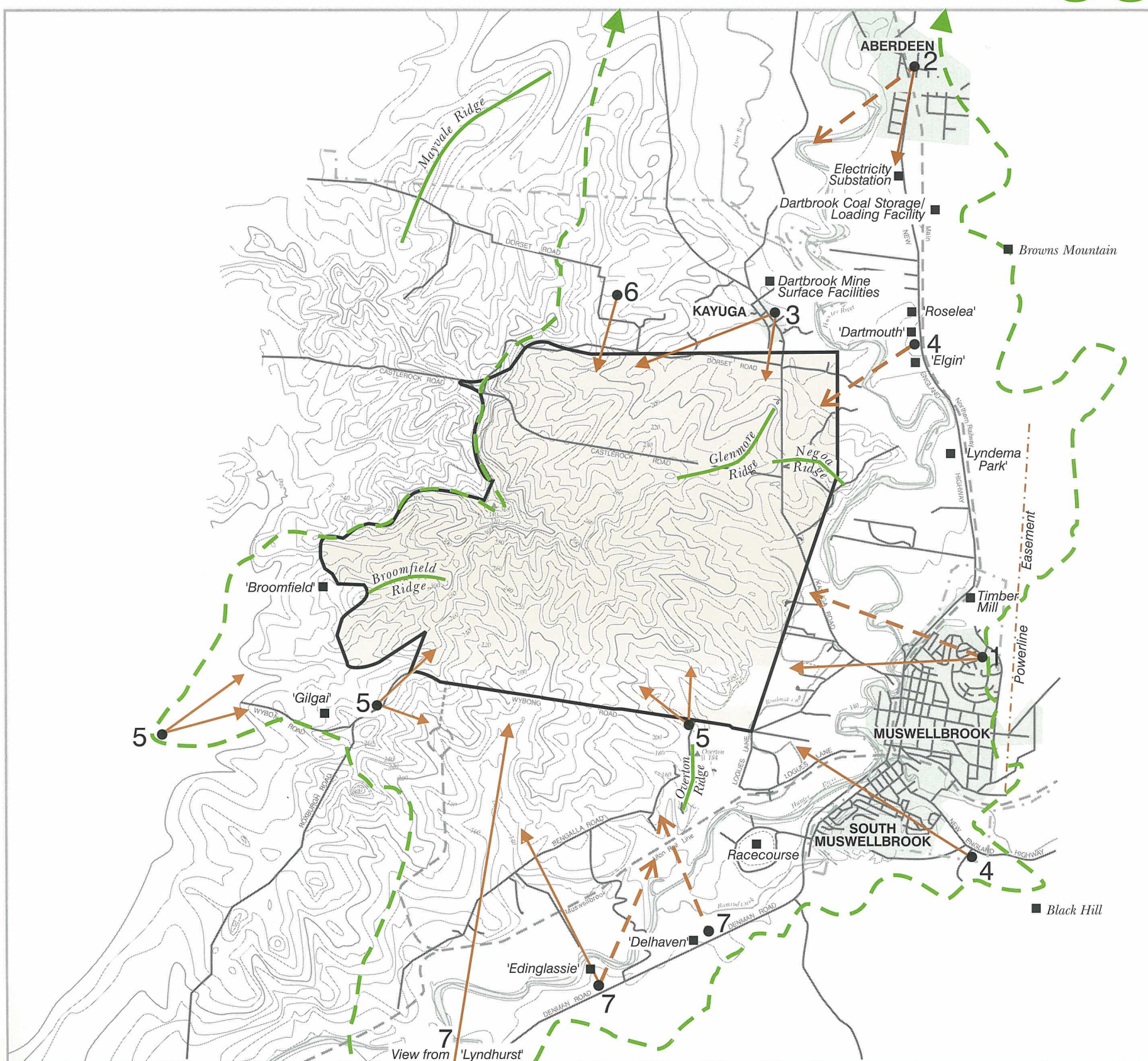


Bengalla Mine - All Years

CUMULATIVE EFFECTS ENVELOPE



0 2km



- Viewing Locations
(Referred to in text)
- 1. Muswellbrook (Lexia Street)
- 2. Aberdeen (Campbell Street)
- 3. Kayuga (Kayuga Road)
- 4. New England Highway
- 5. Wybong Road
- 6. Dorset Road
- 7. Denman Road (Delhaven, Edinglassie and Lyndhurst Properties)

- Key Sites
(Discussed in text)
- Representative Viewpoints
(Referred to in text)
- - Representative Viewpoints
(Shown in Figures 54 to 63)
- - - Visual Catchment Boundary



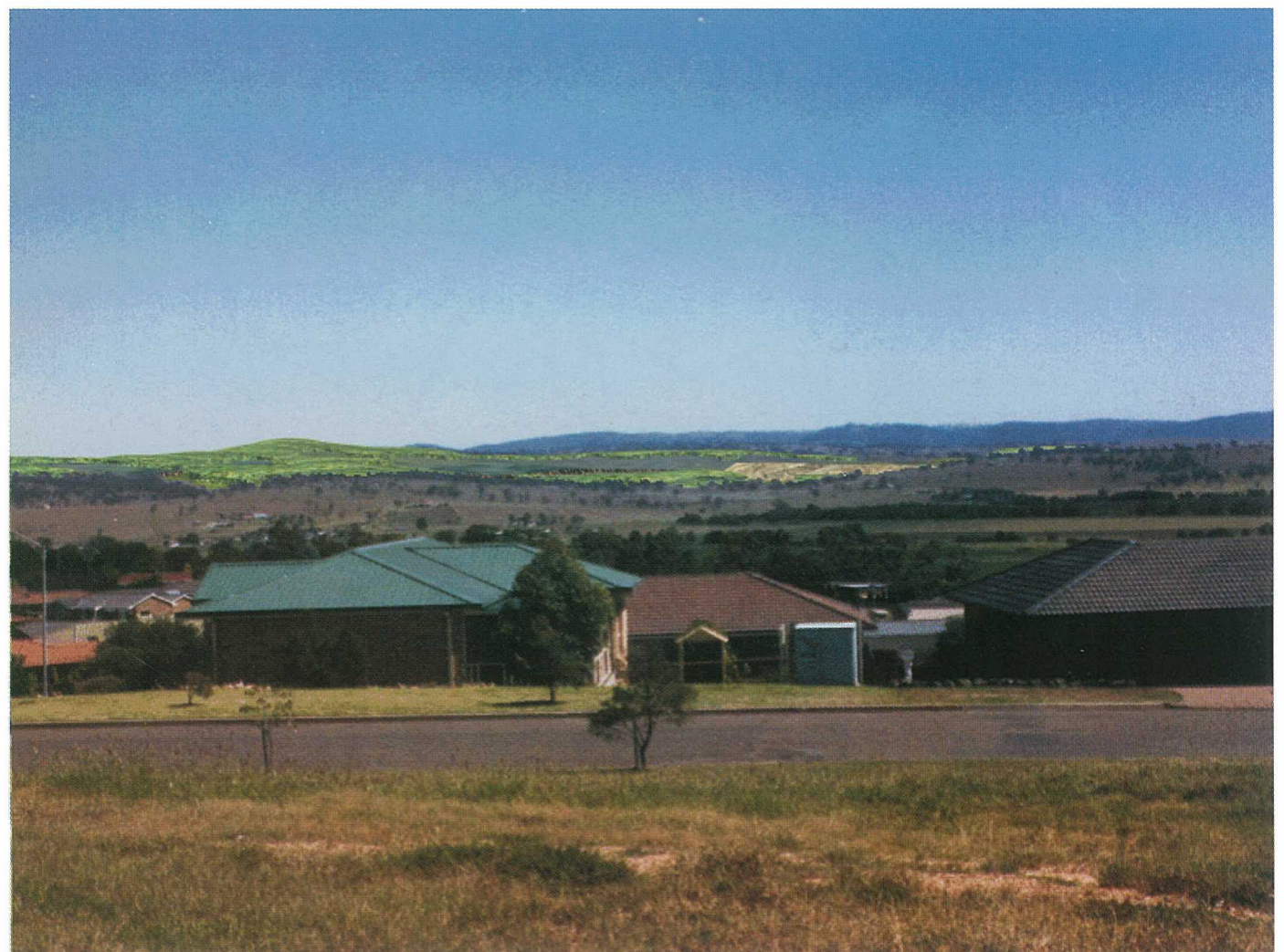
0 2km

VISUAL CATCHMENT

54

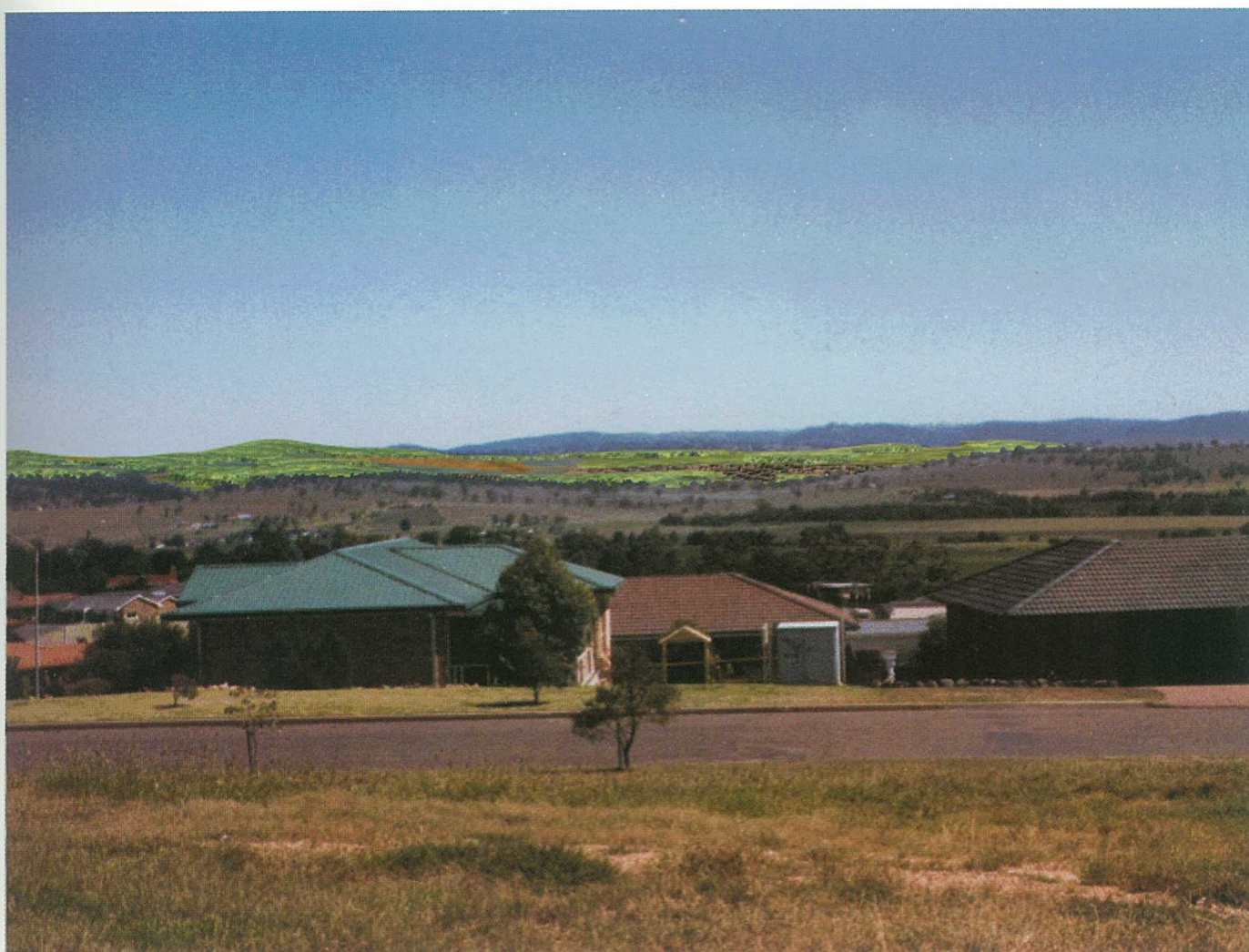


EXISTING



YEAR 5

VIEWS FROM MUSWELLBROOK



YEAR 10



YEAR 20

56



EXISTING



YEAR 5

VIEWS FROM NEW ENGLAND HIGHWAY



YEAR 10



YEAR 20

VIEWS FROM NEW ENGLAND HIGHWAY

58



EXISTING



YEAR 5

VIEWS FROM ABERDEEN



YEAR 10



YEAR 20

60



EXISTING



YEAR 5

VIEWS FROM DENMAN ROAD



YEAR 10



YEAR 20

62



EXISTING



YEAR 5

VIEWS FROM DENMAN ROAD
(EDINGGLASSIE PROPERTY)

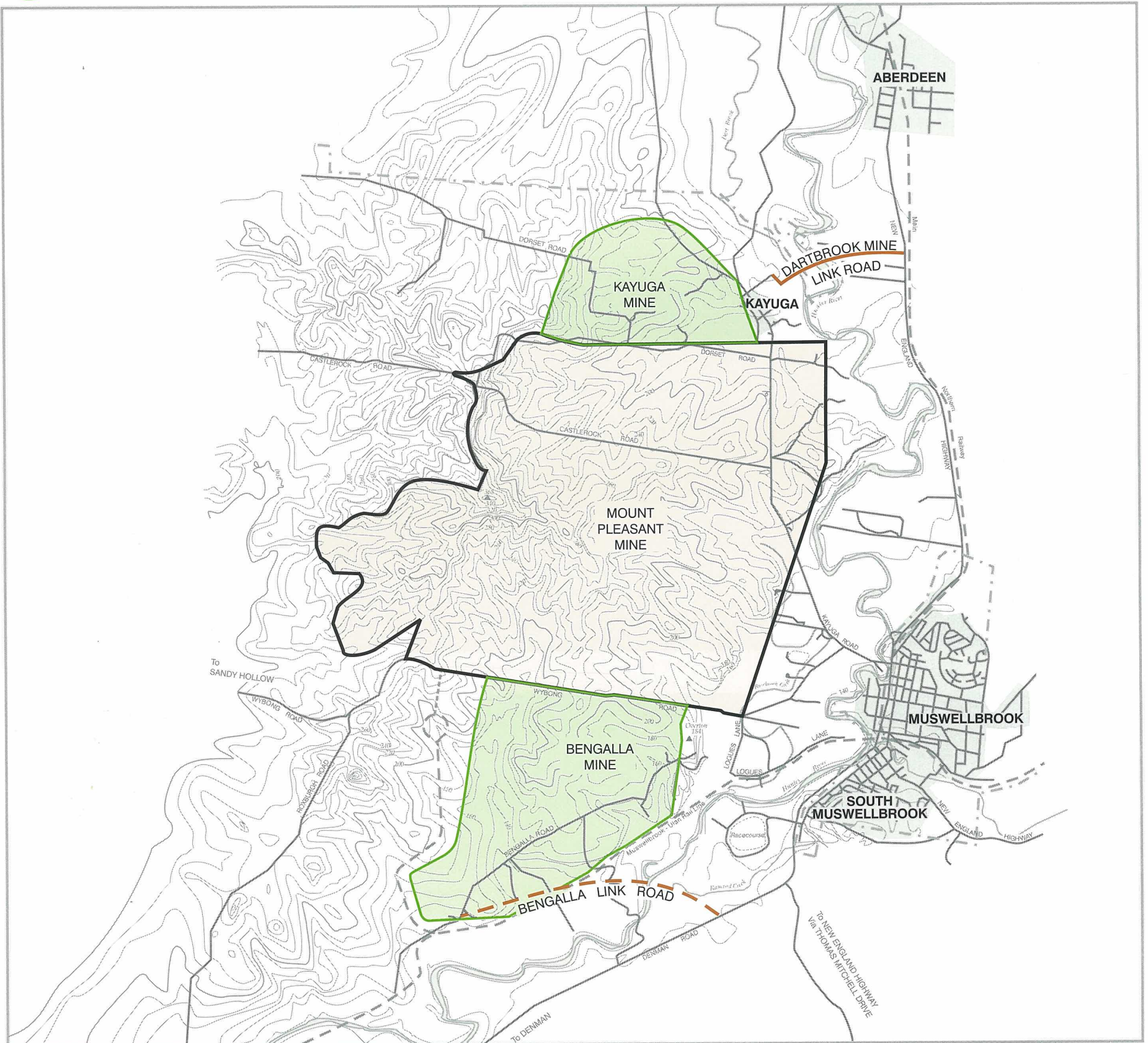


YEAR 10



YEAR 20

VIEWS FROM DENMAN ROAD (EDINGGLASSIE PROPERTY)



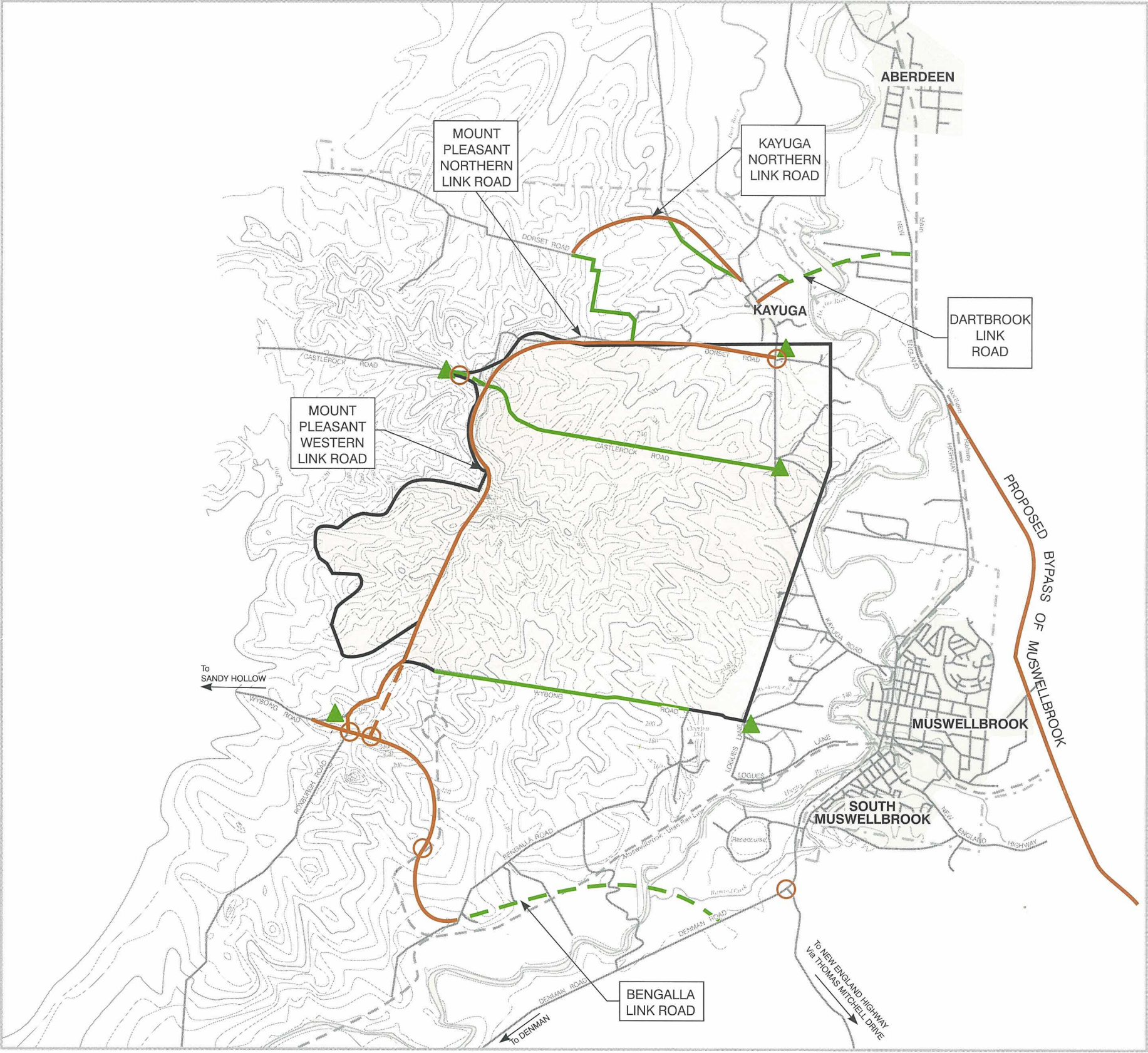
Existing Road







Road Under Construction

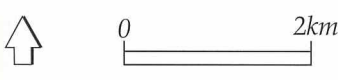
RURAL ROAD NETWORK



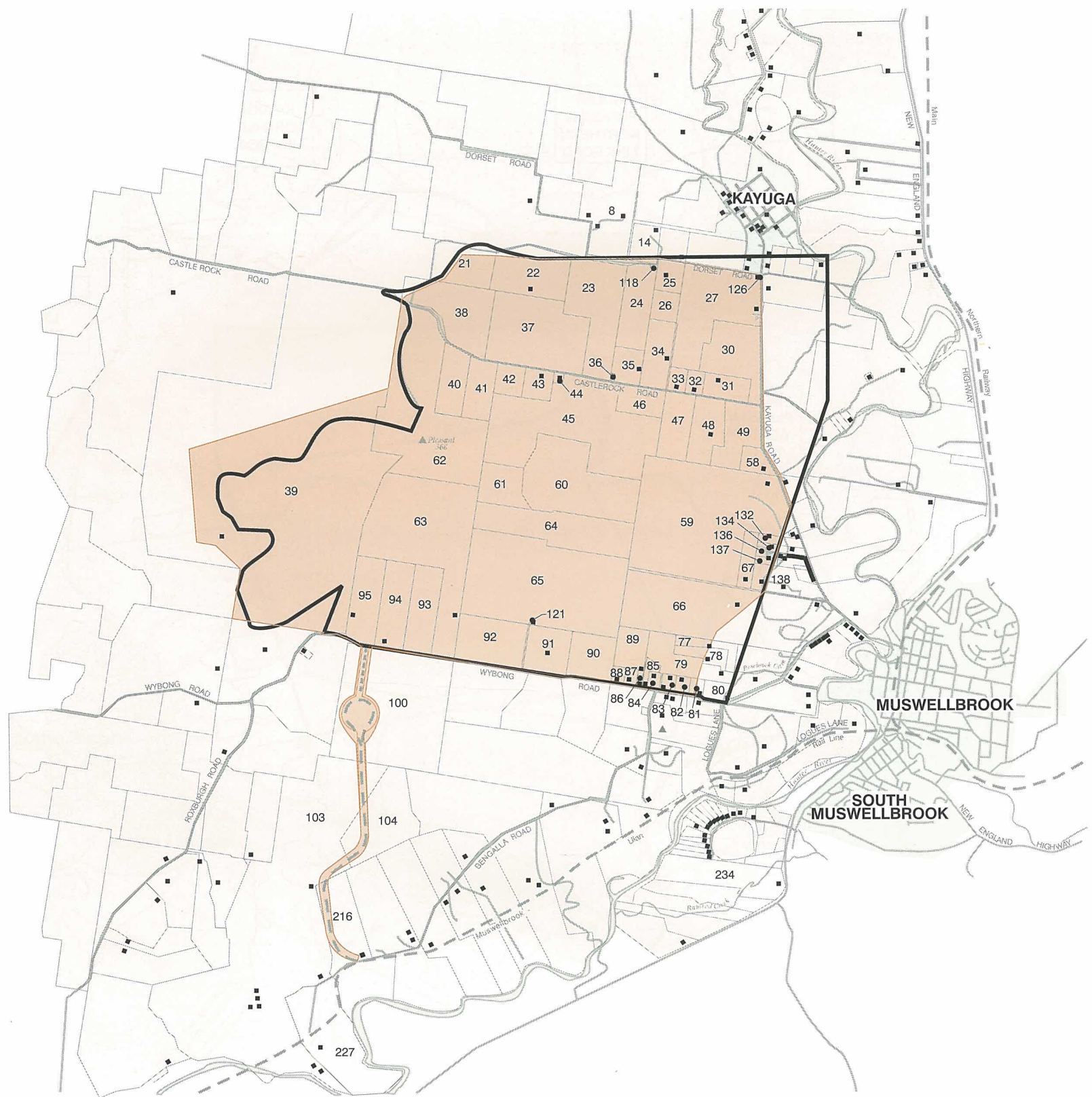
0 2km



- | | | |
|--|---|---|
|  Proposed Link Road |  Alternative Link Road |  Intersections/Bridges Referred to in Text |
|  Closed |  Existing/Under Construction Mine Link |  Blasting Closure Signs |

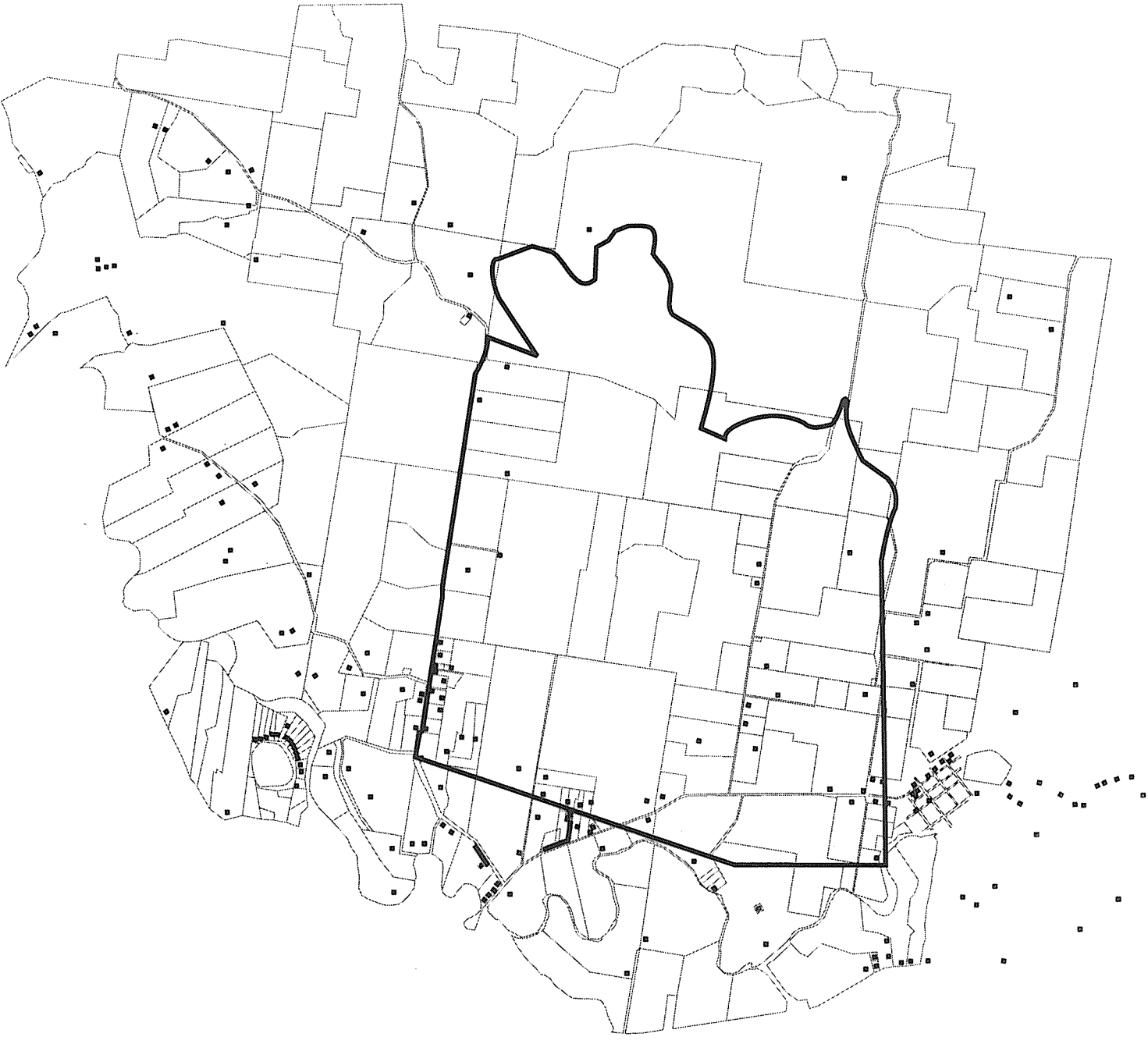


PROPOSED ROAD NETWORK



Note: Refer to Table DI for Detailed Property Descriptions





NOTE: Refer to Figures 24 and 25 for Property Details

OVERLAY OF PROPERTY BOUNDARIES AND RESIDENCES

