



APPENDIX III

Description of Dibbler vegetation near Cheyne Beach

The Dibbler has been collected three times near Cheyne Beach at the same location (34 53' 00" S lat., 118 23' 50" long.E). The area is about 100 m SE of the caravan park entrance at Cheyne Beach. The Dibbler was collected in Hakea lasiantha Heath A (according to the classification of Muir (1977)). The nearby Banksia baxteri Thicket and Agonis linearifolia Low Shrub A are also described. Vegetation data was recorded 19 May 1984.

The H. lasiantha Heath A covers 3-4 ha on the mid-slope of a small hill. At the base of the hill is a colluvial flat of pale grey siliceous sand derived from the hill. A. linearifolia covers ca 2-3 ha with the dominant species confined to a minor drainage line that only flows following extremely heavy falls of rain. Close to the drainage line is ^{ca} single patch of Banksia baxteri Thicket covering less than 1 ha and appears to be infected with "Die-back" on the north-western side.

Hakea lasiantha Heath A

- VEGETATION MUIR: SAc.SBi.SCi.SDi.VLc
- Stratum 1: Shrubs 1.6-1.8 m, CC = 45.5, clumping slight
Hakea lasiantha (40), H. cucullata (5), Banksia baxteri (0.5).
- Stratum 2: Shrubs 1.1-1.5 m, CC = 20, clumping slight
Hakea lasiantha (20).
- Stratum 3: Shrubs 0.6-1.0 m, CC = 18, clumping slight
Dryandra mucronulata (5), Beaufortia anisandra (3), Petrophile divaricata (3), Agonis hypericifolia (2), A. spathulata (2), Lysinema ciliatum (2), Isopogon cuneatus (1), Adenanthos cuneatus (+).
- Stratum 4a: Shrubs 0.0-0.5 m, CC = 12.7, clumping slight
Adenanthos apiculatus (6), Melaleuca striata (2), Allocasuarina humilis (1), Daviesia alternifolia (1), Banksia sphaerocarpa var. sphaerocarpa (0.5), B. repens (0.5), Boronia spathulata (0.5), Astroloma tectum (0.1), A. drummondii (+), Conospermum petiolare (+), Daviesia incrassata (+), Leucopogon striatus (+), Stylidium caespitosum (+), S. imbricatum (+).
- Stratum 4b: Misc. plants, CC = 63.2, clumping slight
 Annuals: Drosera macrophylla (+), D. microphylla (+).
 Parasitic Climbers: Cassytha glabella (+).
 Sedges: Mesomelaena stygia (25), Lepyrodia sp. (KRN 10181) (20), M. tetragona (15), Schoenus sublaxus (2), Anarthria scabra (1), Loxocarya fasciculata (0.1), Caustis dioica (+), Cyathochaeta clandestina (+), Tetraria octandra (+).

No. of TAXA: 38

LAST BURNT: 40-50 years

MODIFICATION: None evident

LANDFORM

BEDROCK: Granite

ELEMENT: Mid-slope (7-10^m) of rounded hill 40 m high.

SOIL

GROUP: Duplex

MAIN ORIGIN: In situ weathering DRAINAGE: Good

PROFILE ATTRIBUTE: Shallow SURFACE: Hardsetting

ROCK: Nil

STONE: 5-10% cover of massive laterite, patchy.

PAVEMENT: 5-10% cover of subround ironstone gravel 5-20 mm across.

LITTER: Leaves broad, deposits 3-5 cm thick; leaves narrow, deposits 3-5 cm thick; both intermixed and forming a 50% patchy cover with up to 2.6 m between patches.

SOIL PROFILE

A 0-12 cm Pale brown loamy sand; friable; inclusions 5-10% of subrounded gravel 1-3 cm across; no obvious weathering zone.

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Banksia baxteri Thicket

MUIR: Sc.SAc.SBr.VTr.VLr

Stratum 1: Shrubs 2.1-4 m, CC = 31, clumping moderate

Banksia baxteri (20), Agonis linearifolia (10), B. attenuata (1).

Stratum 2: Shrubs 1.6-2.0 m, CC = 61, clumping slight

Banksia baxteri (60), Agonis hypericifolia (1).

Stratum 3: Shrubs 1.1-1.5 m, CC = 5.1, clumping moderate

Melaleuca striata (5), Beaufortia empetrifolia (+), Oxylobium coriaceum (+).

Stratum 4: Shrubs 0.6-1.0 m, CC = 1, clumping slight

Calothamnus gracilis (1).

Stratum 5a: Shrubs 0.0-0.5 m, CC = +, clumping none

Dasypogon bromeliifolius (+), Stylidium scandens (+).

Stratum 5b: Misc. plants, CC = 13, clumping moderate

Sedges: Hypolaena exsulca (3), Lyginia barbata (3), Anarthria scabra (2), Schoenus brevisetis (2), S. subflavus (2), Caustis dioica (1), Lepidosperma squamatum (+).

No of TAXA: 17

LAST BURNT: >50 years

MODIFICATION: "Die-back" infection

LANDFORM

BEDROCK: Granite

ELEMENT: Colluvial flat

SOIL

GROUP: Deep Sands

MAIN ORIGIN: Colluvial DRAINAGE: Good

PROFILE ATTRIBUTE: Deep sand SURFACE: Loose

ROCK: Nil STONE: Nil PAVEMENT: Nil

LITTER: Leaves broad, deposits 5-8 cm thick, continuous.

SOIL PROFILE

A 0-100 cm Pale grey loamy sand; loose; pH 6.5

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Agonis linearifolia Low Scrub A

VEGETATION MUIR: Sai.SBi.SCi.SDr.VLc
 Stratum 1: Shrubs 1.6-1.9 m, CC = 11, clumping strong
 Agonis linearifolia (10), Banksia attenuata (1), Hakea
 cucullata (+).
 Stratum 2: Shrubs 1.1-1.5 m, CC = 12, clumping slight
 Agonis hypericifolia (5), Melaleuca thymoides (5), Burtonia
 scabra (2), Hakea ruscifolia (+).
 Stratum 3: Shrubs 0.6-1.0 m, CC = 27, clumping slight
 Agonis hypericifolia (10), Melaleuca thymoides (5), Beaufortia
 empetrifolia (3), Jacksonia sericea (3), Adenanthos cuneatus
 (2), Allocasuarina humilis (1), Calothamnus gracilis (1),
 Dillwynia divaricata (1), Petrophile rigida (1).
 Stratum 4a: Shrubs 0.0-0.5 m, CC = 12, clumping slight
 Beaufortia empetrifolia (2), Conospermum petiolare (2),
 Dasypogon bromeliifolius (2), Hypocalymma strictum (2),
 Leucopogon striatus (2), Astroloma pallidum (1), Calothamnus
 gracilis (1).
 Stratum 4b: Misc. plants, CC = 45, clumping slight
 Parasitic Climbers: Cassytha glabella (+).
 Sedges: Anarthria scabra (10), Schoenus brevisetis (10),
 Hypolaena exsulca (6), Lyginia barbata (6), Cyathochaeta
 clandestina (5), Caustis dioica (3), Mesomelaena stygia (2),
 S. subflavus (2), Lepisosperma squamatum (1).
 Sedge-like: Patersonia occidentalis (0.5).

No of TAXA: 29 LAST BURNT: >50 years
 MODIFICATION: None known or evident

LANDFORM

BEDROCK: Granite
 ELEMENT: Colluvial flat

SOIL

GROUP: Deep Sands
 MAIN ORIGIN: Colluvial DRAINAGE: Good
 PROFILE ATTRIBUTE: Deep sand SURFACE: Loose
 ROCK: Nil STONE: Nil PAVEMENT: Nil
 LITTER: Leaves broad, deposits 5-8 cm thick under Banksia attenuata;
 leaves narrow, deposits 1-2 cm thick under Agonis linearifolia.

SOIL PROFILE

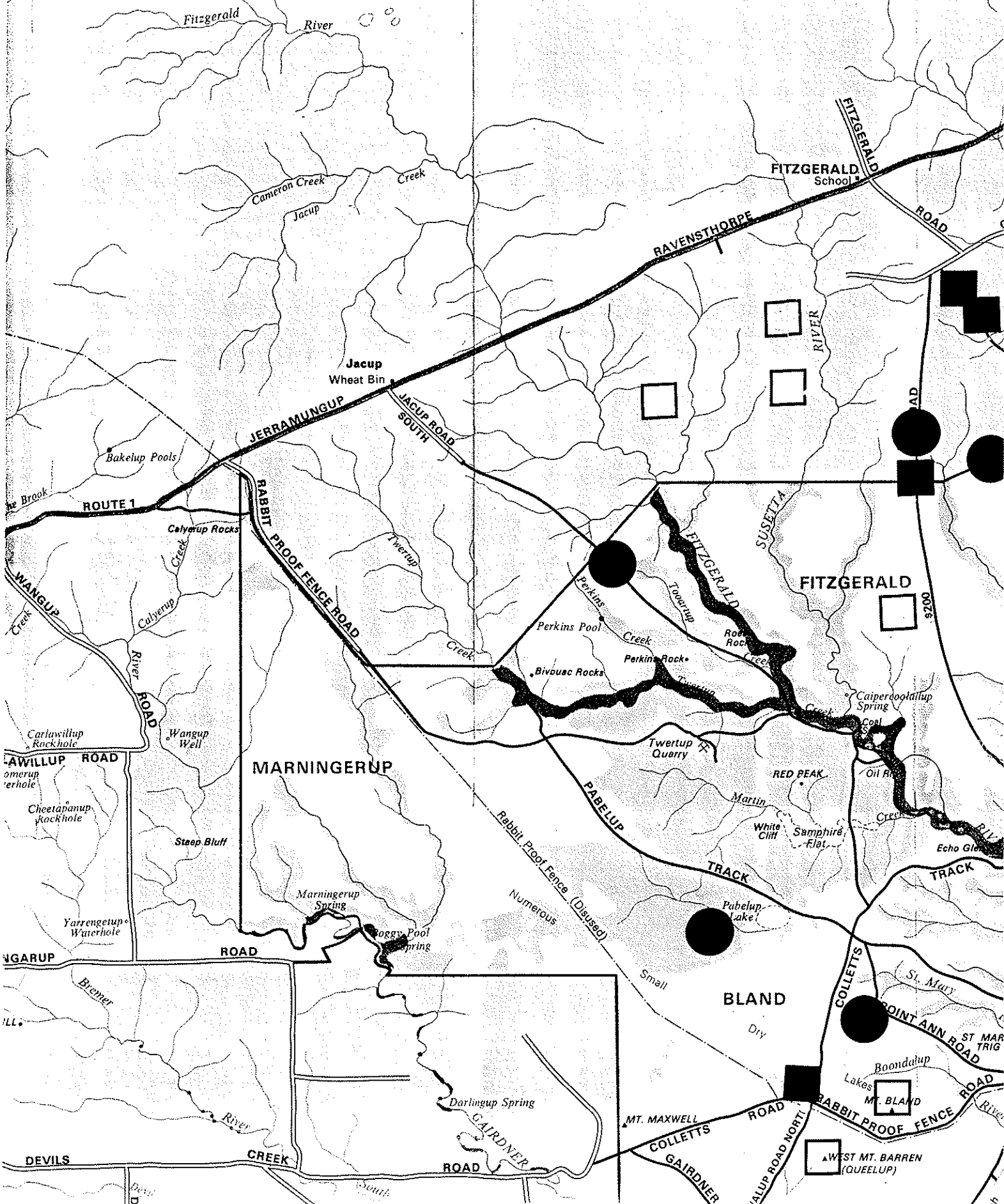
A 0-100 cm Pale grey loamy sand; loose; pH 6.5.

COMMENTS: Agonis linearifolia was restricted to the minor drainage line on the
 colluvial flat.

River Park

Numerous Small Dry Lakes

Numerous Small Dry Lakes



DEVILS

CREEK

ROAD

MT. MAXWELL

COLLETT'S

GAIRDNER

ROAD

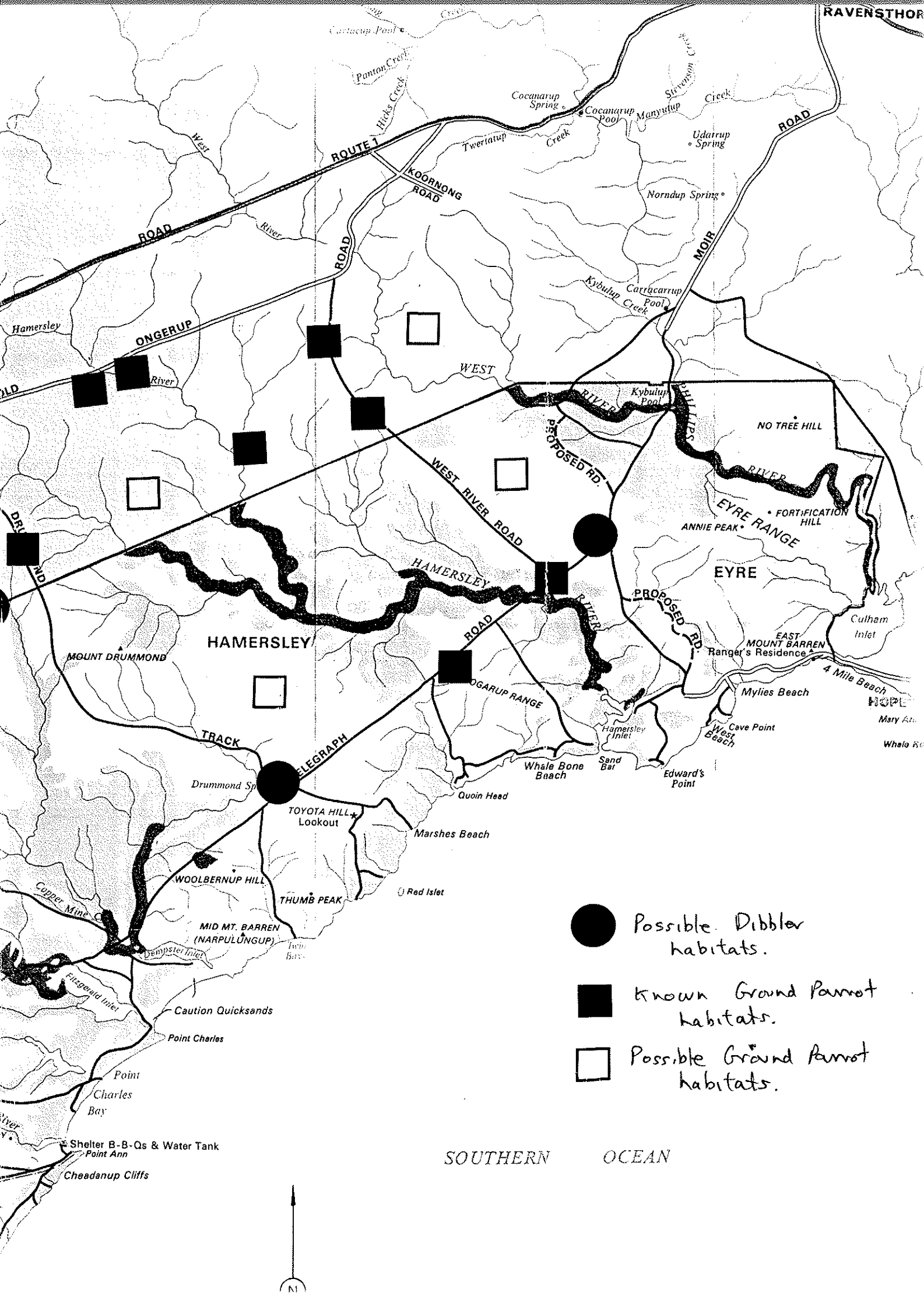
VALUP ROAD NORTH

RABBIT PROOF FENCE

WEST MT. BARREN (QUEELUP)

ROAD

th



- Possible Dribbler habitats.
- Known Ground Parrot habitats.
- Possible Ground Parrot habitats.

SOUTHERN OCEAN

