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DEPARTMENT OF FORESTRY, FISHERIES AND THE ENVIRONMENT

NO. 720

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**NATIONAL ENVIRONMENTAL MANAGEMENT: INTEGRATED COASTAL
MANAGEMENT ACT, 2008 (ACT NO. 24 OF 2008)****DRAFT COASTAL MANAGEMENT LINE FOR GARDEN ROUTE NATIONAL
PARK IN TERMS OF SECTION 25(1) READ WITH SECTION 25(5)(a)**

I, Barbara Dallas Creecy, Minister of Forestry, Fisheries and the Environment, hereby publish the Draft Coastal Management Line for the Garden Route National Park in terms of section 25(1), read with section 25(5), of the National Environmental Management: Integrated Coastal Management Act, 2008 (Act No. 24 of 2008) as set out in the Schedule hereto, for public comment.

Any person who wishes to submit representations or comments in connection with the Draft Coastal Management Line for the Garden Route National Park is invited to do so within 30 calendar days of the date of publication of this notice in the *Gazette*. Comments received after this time may not be considered. All representations and comments must be submitted in writing to the following addresses:

By post to: Department of Forestry, Fisheries and the Environment
Attention: Ms N Jukuda (Branch: Oceans and Coasts)
Private Bag X4390
CAPE TOWN
8002

By hand at: 2 East Pier Building, East Pier Road, Victoria & Alfred Waterfront,
Cape Town

By email: GRNP-CML@environment.gov.za



BARBARA DALLAS CREECY
MINISTER OF FORESTRY, FISHERIES AND THE ENVIRONMENT

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1. DEFINITIONS

A word or expression defined in the National Environmental Management: Integrated Coastal Management Act, 2008 (Act No. 24 of 2008) has the same meaning in this document, and—

“CML” and **“CMLs”** means a coastal management line and coastal management lines, respectively, declared in terms of section 25(1) of the Act;

“competent authority” has the meaning assigned to it in section 1 of the National Environmental Management Act;

“dynamic coastal processes” means all natural processes continually reshaping the shoreline and the near shore seabed and includes—

- a) wind action;
- b) wave action;
- c) ocean currents;
- d) tidal action;
- e) littoral active movement;
- f) river flows; and
- g) erosion and accretion events;

“Garden Route National Park” and **“GRNP”** refers to all properties which comprise the Garden Route National Park initially declared as such in Government Notice No. 248 in *Government Gazette* 31981 dated 6 March 2009 including all other properties formerly added to the national park in terms of the Protected Areas Act;

“Garden Route National Park Management Plan” refers to the management plan for the Garden Route National Park and World Heritage Site in terms of sections 39, 40 and 41 of the National Environmental Management: Protected Areas Act, 2003 (Act No. 57 of 2003) and chapter 4 of the World Heritage Convention Act, 1999 (Act No. 49 of 1999);

“SANParks” means South African National Parks governed in terms of the Protected Areas Act; and

“the Act” means the National Environmental Management: Integrated Coastal Management Act, 2008 (Act No. 24 of 2008).

2. PURPOSE AND DECLARATION

- 2.1. The Act provides for the declaration of CMLs in terms of section 25.
- 2.2 Section 25(1), read with section 25(5) of the Act, empowers the Minister to declare a CML—
- (a) to protect coastal public property, private property and public safety;
 - (b) to protect the coastal protection zone;
 - (c) to preserve the aesthetic values of the coastal zone; or
 - (d) for any other reason consistent with the objectives of the Act.
- 2.3 Section 25(5) of the Act obliges the Minister, after consultation with the relevant MEC, to exercise the powers and perform the functions in section 25 if such power relates to any part of an area that—
- (a) is a national protected area as defined in the Protected Areas Act;
 - (b) straddles a coastal boundary between two provinces; or
 - (c) extends up to, or straddles, the borders of the Republic.
- 2.4 The objectives for declaring the GRNP CML are to—
- (a) minimise the human and environmental conflicts that occur in the coastal areas of the GRNP;
 - (b) provide measures to control and manage development to avoid coastal risks and vulnerability emanating from coastal processes that could impact on property, human life, social dynamics and economic opportunities; and
 - (c) provide additional mechanisms for preserving coastal spaces that have social importance such as cultural and heritage sites as identified in the Garden Route National Park Management Plan.
- 2.5 The Minister is, in terms of section 25(5) of the Act, empowered to declare the CML within the boundaries of the GRNP since the park is a national protected area in terms of the Protected Areas Act.
- 2.6 A single, interrupted CML is hereby adopted in terms of section 25(1)(b), (c) and (d) read with section 25(5) of the Act within the boundaries of the GRNP to—
- (a) to manage risks from the effects of climate change, dynamic coastal processes and rising sea levels;
 - (b) protect and enhance public access to coastal public property, discourage inappropriate development in sensitive coastal areas to ensure public safety and sustainable development, and the ecological functioning (which includes dune dynamics and hydrodynamics in estuaries, wetlands, lakes, lagoons and swamps);

- (c) protect and preserve features of social, cultural and heritage significance; and
- (d) preserve the aesthetics or 'sense of place' including the visual integrity of the coast.

3. APPLICABLE AREA

The CML is applicable within the boundaries of the GRNP and will be managed and implemented principally by SANParks on behalf of the Minister.

4. DEVELOPMENTAL RISK MANAGEMENT MEASURES

The following risk management measures are applicable to a **NEW INFRASTRUCTURE** development within the GRNP.

- 4.1 A proponent of a new infrastructure development seaward of the CML must demonstrate that the following principles have been followed with the proposed development.
 - 4.1.1 The proponent sought to avoid development of the proposed infrastructure seaward of the CML but there are sound reasons why this cannot be achieved, which are articulated in the development proposal.
 - 4.1.2 The footprint of the proposed development area is only located seaward of the CML to the extent that this is necessary for the structural integrity, safety of the development and the aesthetic value of the development, which cannot be achieved by locating the development landward of the CML.
 - 4.1.3 That the impact of predicted hazards to the proposed development will be minimised by employing suitable design modifications, for example the use of stilts; and
 - 4.1.4 mitigate impacts on proposed development where development seaward of the CML is deemed necessary.
- 4.2 Where development of new infrastructure is proposed seaward of the CML in the GRNP, the following rules will apply.
 - 4.2.1 SANParks may approve of the development of infrastructure seaward of the CML—
 - (a) if the proposed infrastructure, by their nature, require them to be situated seaward of the CML
 - (b) if alternative development proposals were investigated and presented to the appropriate sections within SANParks as part of any development proposal and approval process;

- 4.2.2 In circumstances where no alternative locations are feasible or reasonable, such infrastructure must be located so as to minimise risk faced by the infrastructure from dynamic coastal processes and must be developed in such a way to minimise impacts on the environment, surrounding infrastructure and other users of the area.
- 4.2.3 Any new development must take into account shifting risks and the level of vulnerability such as the likelihood of shifting the coastal risk e.g. shifting risk downstream when retention walls are placed along estuaries, as well as the likelihood of liabilities.

The following risk management measures are applicable to **EXISTING INFRASTRUCTURE** developments.

- 4.3 Where maintenance of infrastructure is proposed in areas at risk to dynamic coastal process which may adversely affect the structural integrity of the infrastructure or the safety of those who occupy it, the following will apply.
- 4.3.1 A feasibility study on the maintenance of infrastructure seaward of the CML must be completed within 10 years of publication of this CML and which must address—
- (a) costs estimates associated with the infrastructure over a ten (10) year horizon if the infrastructure is to be retained as well as if the infrastructure is to be moved landwards of the CML; and
 - (b) the long term implications on the GRNP if such infrastructure is revenue-generating infrastructure.
- 4.3.2 Should the maintenance of existing infrastructure be considered unfeasible or uneconomical by SANParks or the competent authority, SANParks must develop a plan for moving such infrastructure landwards of the CML or for the removal of such infrastructure, including timeframes for the moving of that infrastructure.
- 4.3.3 Should the maintenance of existing infrastructure be considered feasible or economical, SANParks must—
- (a) prepare a plan, within ten years of publication of this CML, which is aligned with the GNRP Management Plan, to provide for the modification of the structure to reduce any adverse impacts from coastal processes;
 - (b) develop a strategy within 10 years of publication of this CML which addresses the movement of infrastructure which is at risk of being adverse impacted by coastal processes to locations landward of the CML.

5. METHODS APPLIED

5.1 The following hierarchy of methods were considered when deciding the appropriate location of declaring the GRNP CML:

- (a) use of the best scientific information available such as modelled risk scenarios to inform the position of the line, taking into account dynamic coastal processes and flooding;
- (b) use of nationally recognised data and information as proxies such as the 5m contour line where accurate flood information for an estuary is not known;
- (c) where reliable data is available to e.g. allow for differentiating between the risks associated with floodplains versus gorges along estuaries, modifying the line accordingly; and
- (d) use of historic records for the GRNP, including data and local knowledge on areas known to be highly vulnerable and at risk of, or protected from, dynamic coastal processes to inform and modify the position of the CML if required.

5.2 The following proxies were used when developing the GRNP CML:

- (a) the 10m contour line was used by SANParks to show areas at potential risk along the rocky Tsitsikamma coastline as modelled risk scenarios were unavailable;
- (b) the 10m contour line was modified at the Storm River Rest Camp based on local knowledge of where areas that are at - or protected from - risk are located due to the nature or orientation of coastline; and
- (c) where differing approaches were used for adjacent sections of coast, such as at estuary mouths where a 10m contour proxy was used along the coast and a 5m contour proxy was used along the estuary, a joining line was applied.

6. DESCRIPTION OF THE GARDEN ROUTE NATIONAL PARK'S COASTAL MANAGEMENT LINE

6.1 The CML declared in GRNP is set out in **Annexure 1** which lists its descriptions. In addition to coordinates, Annexure 1 also contains a description of where the start and end-point of the CML is running within the GRNP's boundaries.

6.2 The descriptions in Annexure 1 is to be read together with the maps in **Annexure 2** which show where the line is located.

7. IMPLEMENTATION AND REVIEW

- 7.1 The CML is only declared within the GRNP's boundary.
- 7.2 The management authority responsible for the implementation of CML in the GRNP is SANParks;
- 7.3 The CML established in the GRNP may be reviewed in line with the GRNP Management Plan's process if or when necessary, but the review period may not exceed 10 years.

8. DATA ACCESSIBILITY

- 10.1 The maps can also be viewed on the following link:
 - a) DEA Coastal viewer: <https://mapservice.environment.gov.za/Cml/>
 - b) SANParks website: <https://www.sanparks.org.za/>
- 10.2 The hard copy maps can also be viewed at the following public institutions:
 - a) George Local Municipality - Physical Address: 71 York Street, **George**, 6530
 - b) Knysna Local Municipality - Physical Address: 5 Clyde Street, **Knysna**, 6570
 - c) Bitou Local Municipality - Physical Address: 1 Sewell Street, **Plettenberg Bay**, 6600
 - d) KouKamma Local Municipality - Physical Address: 5 Keet Street, **Kareedouw**, 6400
 - e) George Public Library – Physical Address: Caledon Street, **George**, 6529
 - f) Sedgefield Public Library – Physical Address: 12 Flamingo Street, **Sedgefield**, 6573
 - g) Hornlee Public Library – Physical Address: Vigilance Street, **Hornlee**, 6571
 - h) Plettenberg Bay Public Library – Physical Address: Shop 29, Mervills Shopping Centre, Sewell Street, **Plettenberg Bay**
- 10.3 The hard copy maps can also be viewed at the following SANParks facilities:
 - a) Ebb & Flow, Wilderness – Physical Address: Ebb & Flow Drive, Wilderness, 6560
 - b) Thesens Island Office, Knysna – Physical Address: Long Street, Thesens Island, Knysna, 6571
 - c) Storms River Village Office, Storms River village – Physical Address: Darnell Street, Stormsriver, 6308
 - d) Koukamma Satellite Office, Nompumelelo – Physical Address: Community Hall, Nompumelelo

Annexure 1 – List of Maps depicting the GRNP CML (Zone Maps)

CML descriptions are from west to east and north to south. CML descriptions are provided from the starting point to the end point of each disjointed section of the CML on the Zone Maps for each individual grid. Areas where CML is not presented on the map and the risk area is expected to exceed the boundaries of the GRNP, the relevant Provincial MEC mandated with the responsibility will declare such CMLs. Where the CML lies on unalienated state land and the property immediately landward of such unalienated state land is owned or managed by SANParks, the property boundary of the SANParks property will be listed in the description instead of unalienated state land to aid in identifying the CML.

Zones (map illustration)	Map No.	Location on map (Area or Municipality)	GRNP CML descriptions
Zone A	1a	Wilderness, George Local Municipality, Garden Route District Municipality	i – CML starts on the boundary of Erf No. 1271 and Waterside road south of the north-eastern corner of Erf No. 1262, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary of remainder of Erf No. 1278 and Waterside road, situated approximately 0.64 km west of the junction of Waterside road and Hoekwil Road
	1b	Wilderness, George Local Municipality, Garden Route District Municipality	<p>i – CML starts on the boundary of remainder of Erf No. 1278 and Waterside road, situated approximately 0.42 km west of the junction of Waterside road and Hoekwil Road, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary of remainder of Erf No. 1278 and Waterside road, situated approximately 0.25 km west of the junction of Waterside road and Hoekwil Road</p> <p>ii – CML starts on the boundary of remainder of Erf No. 1278 and Waterside road, situated approximately 0.12 km west of the junction of Waterside road and Hoekwil Road, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary of remainder of Erf No. 1278 and Waterside road, situated approximately 0.10 km west of the junction of Waterside road and Hoekwil Road</p> <p>iii – CML starts on the boundary of remainder of Erf No. 1278 and Waterside road, situated approximately 0.05 km west of the junction of Waterside road and Hoekwil Road, follows a curvilinear line along the 5m contour line around the estuary and</p>

<p>ends on the boundary of remainder of Erf No. 1278 and Waterside road, at the junction of Waterside road and Hoekwil Road</p>	<p>iv – CML starts on the western boundary of portion 131 of Farm No. 192 and bo-Langvlei Road, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary between portion 131 of Farm No. 192 and remainder of portion 33 of Farm No. 192, approximately 0.07km south of Bo-Langvlei Road</p>	<p>v - CML starts on the boundary between portion 64 of Farm No. 192 and portion 4 of Farm No. 192 approximately 0.47km east of the junction of Bo-Langvlei Road and Hoekwil Road, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary between portion 64 of Farm No. 192 and portion 4 of Farm No. 192 approximately 0.93km east of the junction of Bo-Langvlei Road and Hoekwil Road</p>	<p>vi - CML starts on the south-western most point of the boundary between portion 64 of Farm No. 192 and portion 4 of Farm No. 192 approximately 0.95km east of the junction of Bo-Langvlei Road and Hoekwil Road, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary between portion 64 of Farm No. 192 and portion 67 of Farm No. 192 approximately 0.17km north-west of the junction of Bo-Langvlei Road and Die Vleie Road</p>	<p>vii - CML starts on the boundary of portion 64 of Farm No. 192 adjacent to and in line with the common boundary of portion 98 of Farm No. 192 and portion 99 of Farm No. 192, follows a curvilinear line along the 5m contour line around the estuary and ends on portion 64 of Farm No. 192, in line with the northern border of portion 302 of Farm No. 192</p>	<p>viii - CML starts on the boundary between portion 64 of Farm No. 192 and portion 65 of Farm No. 192 approximately 0.21km west of the junction of Bo-Langvlei Road and Die Vleie Road, follows a curvilinear line along the 5m contour line around the</p>

			<p>estuary and ends on the boundary between portion 64 of Farm No. 192 and portion 65 of Farm No. 192 approximately 0.15km west of the junction of Bo-Langvlei Road and Die Vieie Road</p>
			<p>ix - CML starts on the boundary between portion 64 of Farm No. 192 and Bo-Langvlei Road approximately 0.03km east of the junction of Bo-Langvlei Road and Die Vieie Road, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary between portion 64 of Farm No. 192 and Bo-Langvlei Road approximately 0.30km east of the junction of Bo-Langvlei Road and Die Vieie Road</p>
1c	Wilderness, George Local Municipality, Garden Route District Municipality		<p>i – CML starts on portion 64 of Farm No. 192, in line with the northern border of portion 302 of Farm No. 192, follows a curvilinear line along the 5m contour line around the estuary and ends on border between portion 64 of Farm No. 192 and the north-eastern boundary of portion 115 of Farm No. 192, in line with the northern boundary of portion 113 of Farm No. 192</p>
			<p>ii – CML starts on the common boundary between portion 64 of Farm No. 192, portion 86 of Farm No. 192 and portion 85 of Farm No. 192, follows a curvilinear line along the 5m contour line around the estuary and ends on the common boundary between portion 64 of Farm No. 192, portion 210 of Farm No. 192 and portion 87 of Farm No. 192</p>
			<p>iii – CML starts on the boundary between portion 134 of Farm No. 192 and portion 8 of Farm No. 192 approximately 0.16km east of the south-western boundary of portion 8 of Farm No. 192, follows a curvilinear line along the 5m contour line around the estuary and ends on the common boundary between portion 134 of Farm No. 192, portion 210 of Farm No. 192 and portion 87 of Farm No. 192</p>
			<p>iv - CML starts on the boundary between portion 31 of Farm No. 189 and portion 8 of Farm No. 192, south of the southern boundary of portion 13 of Farm No. 189, follows a curvilinear line along the 5m contour line around the estuary and ends on</p>

			<p>the boundary between portion 31 of Farm No. 189 and portion 3 of Farm No. 189, south of the southern boundary of portion 12 of Farm No. 189</p> <p>v – CML starts on the boundary between portion 11 of Farm No. 189 and portion 3 of Farm No. 189, immediately north of the southern common boundary of portion 11 of Farm No. 189, portion 3 of Farm No. 189 and portion 31 of Farm No. 189 and ends on the boundary between portion 11 of Farm No. 189, and portion 62 of Farm No. 189, at the south-western most point of portion 62 of Farm No. 189</p> <p>vi – CML starts on the boundary of portion 11 of Farm No. 189 and portion 142 of Farm No. 189 and ends on the boundary between portion 37 of Farm No. 189 and portion 17 of Farm No. 189, along the south-western border of portion 17 of Farm No. 189 approximately 0.41km south of the junction of Bo-Langvlei Road and Rondevlei Road</p>
2a	Wilderness, George Local Municipality, Garden Route District Municipality		<p>i – CML starts on the boundary between Erf No. 1096 and Erf No. 189, approximately 0.03km north of the western edge of the N2 bridge across the Touw / Wilderness Estuary, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary between Erf No. 1096 and Erf No. 189 in line with Erf No. 362</p> <p>ii – CML starts on the boundary between Erf No. 1096 and Erf No. 189 in line with Erf No. 533, follows a curvilinear line along the 5m contour line around the estuary and ends between Erf No. 1096 and Erf No. 494 in line with Erf No. 533, in line with the common boundary between Erven No.'s 369 and 370</p> <p>iii – CML starts on the boundary between Erf No. 1096 and Erf No. 494 in line with Erf No. 533, follows a curvilinear line along the 5m contour line around the estuary and ends on the common boundary between Erven No.'s 1096 and 424 and Waterside Road, in line with Erf No. 370</p> <p>iv – CML starts on the boundary of Erf No. 424 and Waterside Road south of Erf</p>

<p>No. 374, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary of Erf No. 424 and Waterside Road south of Erf No. 377</p>		
<p>v - CML starts on the boundary of Erf No. 422 and Waterside Road south of Erf No. 1129, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary of Erf No. 422 and Waterside Road south of Erf No. 1071</p>		
<p>vi – CML starts on the common border between Erf No. 422 and remainder Farm No. 158 and Waterside Road south of Erf No. 389, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary of remainder Farm No. 158 and Erf No. 523 near the south-westernmost point of Erf No. 523</p>		
<p>vii – CML starts on the border of remainder Farm No. 158 and remainder Erf No. 425 north of remainder Erf No. 2259, follows a curvilinear line along the 5m contour line around the estuary and ends on the border of remainder Farm No. 158 and Erf No. 490 west of the border between remainder Farm No. 158 and Erf No. 1017</p>		
<p>viii – CML starts on the boundary of Erven No.'s 1017 and 1118 along the eastern boundary of Erf No. 1118, follows a curvilinear line along the 5m contour line around the estuary and ends on boundary between Erven No.'s 1017 and 1019 along the north-western boundary of Erf No. 1019</p>		
<p>ix – CML starts on the common boundary between remainder Erf No. 1270 and Erf No. 2458, south of the common boundary of remainder Erven No.'s 1270 and 2581 and Erf No. 2458, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary between Erven No.'s 1282 and 1275, in line with the south-westernmost point of the boundary between Erf No. 1282 and remainder Erf No. 1281</p>		
<p>x - CML starts on the boundary of remainder Erven No.'s 1264 and 1270 south of Erf No. 1027, follows a curvilinear line along the 5m contour line around the estuary and ends on boundary between Erf No. 1268 and remainder Erf No. 1270 south of</p>		

<p>the common boundary of Erf No. 1268 and remainder Erven No.'s 1270 and 1264</p>	<p>xi – CML starts on the boundary between Erf no. 1271 and Dumbelton Road, approximately 0.11km east of the junction of Waterside Road and Dumbelton Road, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary between Erven No.'s 1271 and 1999, approximately 0.18km east of the junction of Waterside Road and Dumbelton Road</p>	<p>xii - CML starts on the boundary of Erf No. 1271 and Dumbelton Road east of Erf No. 1026, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary of Erf No. 1271 and Dumbelton Road east of Erf No. 1021</p>	<p>xiii - CML starts on the boundary of Erven No.'s 1268 and 1271 east of the common boundary between Erven No.'s 1268, 1994 and 1271, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary of Erven No.'s 1268 and 1271 east of the common boundary of Erf No. 1268 and remainder Erven No.'s 1270 and 1264</p>	<p>xiv – CML starts on the boundary of Erven No.'s 1271 and 1999, east of the common boundary between Erf No. 1030 and remainder Erf No. 1264, follows a curvilinear line along the 5m contour line around the estuary and ends on Erf No. 1271 approximately 0.29km south-west of the western point of the Waterside Road bridge over the Touw / Wilderness Estuary</p>	<p>xv - CML surrounds an "island" which falls outside the CML situated above the 5m contour line</p>	<p>xvi – CML starts on the boundary between Erven No.'s 1282 and 1275 west of Erf No. 1132 and ends on the boundary of Erf No. 1271 and Waterside road south of the north-eastern corner of Erf No. 1262</p>

	2b	Wilderness, George Local Municipality, Garden Route District Municipality	<p>xvii – CML starts on the boundary between Erven No.'s 1282 and 1275, along the eastern boundary of Erf No. 1275, follows a curvilinear line along the 5m contour line around the estuary and ends on Erf No. 1282, north of Erf No. 577</p> <p>i – CML starts on the boundary of Erf No. 1271 and Waterside road south of the north-eastern corner of Erf No. 1262, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary of Erven No.'s 939 and 1283 in line with the common boundary of Erven No.'s 570 and 80</p> <p>ii – CML starts on Erf No. 1282, north of Erf No. 577, follows a curvilinear line along the 100 year risk line along the coast and ends on the common boundary between unalienated state land and Erf No. 1462, south of Erf No. 1449</p> <p>iii – CML starts on the boundary of Erf No. 939 and Erf No. 1283, at the eastern border of Erf No. 939, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary of Erf No. 1283, adjacent to and in line with Erf No. 646</p> <p>iv – CML surrounds an "island" which falls outside the CML situated above the 5m contour line</p> <p>v - CML surrounds an "island" which falls outside the CML situated above the 5m contour line</p> <p>vi – CML starts on the boundary of Erf No. 963 adjacent to and in line with Erf No. 679, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary of Erf No. 963 adjacent to and in line with Erf No. 687</p> <p>vii - CML starts on the boundary of Erf No. 963 adjacent to and in line with Erf No. 2419, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary of Erf No. 963 adjacent to and in line with Erf No. 704</p>
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<p>viii - CML starts on the boundary of Erf No. 963 adjacent to and in line with Erf No. 706, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary of Erf No. 963 adjacent to and in line with Erf No. 723</p>	<p>ix - CML starts on the boundary of Erf No. 963 adjacent to and in line with Erf No. 2624, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary of Erf No. 963 adjacent to and in line with Erf No. 725</p>	<p>x - CML starts on the boundary of remainder Erf No. 1297 and portion 64 of Farm No. 192 approximately 0.1km east of Erf No. 2625, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary of remainder Erf No. 1297 and portion 64 of Farm No. 192 approximately 0.62km east of Erf No. 2625</p>	<p>xi - CML surrounds an "island" which falls outside the CML situated above the 5m contour line</p>	<p>xii - CML surrounds an "island" which falls outside the CML situated above the 5m contour line</p>	<p>xiii - CML starts on the boundary between portion 64 of Farm No. 192 and portion 310 of Farm No. 192 approximately 0.75km north of the junction of Die Vleie Road and the N2 and ends on the boundary between portion 64 of Farm No. 192 and portion 65 of Farm No. 192 approximately 0.21km west of the junction of Bo-Langvlei Road and Die Vleie Road</p>	<p>xiv - CML starts on the boundary between portion 64 of Farm No. 192 and portion 306 of Farm No. 192 approximately 0.57km north of the junction of Die Vleie Road and the N2 and ends on the boundary between portion 64 of Farm No. 192 and portion 249 of Farm No. 192 approximately 0.43 km north of the junction of Die Vleie Road and the N2</p>

		<p>xv – CML starts on the boundary between portion 64 of Farm No. 192 and portion 249 of Farm No. 192 approximately 0.41 km north of the junction of Die Vleie Road and the N2 and ends on the boundary between portion 64 of Farm No. 192 and remainder Erf No. 1298 approximately 0.4 km east of the junction of Die Vleie Road and the N2</p>
	2c	<p>i – CML starts on the common boundary between unalienated state land and remainder Erven No.'s 1288 and 1370, follows a curvilinear line along the 100 year risk line along the coast and ends on the common boundary between unalienated state land and remainder Farm No. 191 approximately 0.12km east of the common boundary between unalienated state land, remainder Erf No. 1288 and remainder Farm No. 191</p> <p>ii – CML starts on border between portion 64 of Farm No. 192 and the north-eastern boundary of portion 115 of Farm No. 192, in line with the northern boundary of portion 113 of Farm No. 192, follows a curvilinear line along the 5m contour line around the estuary and ends on the border between portion 34 of Farm No. 189 and remainder portion 15 of Farm No. 189, approximately 1.65km south of the junction of Bo-Langvlei Road and Rondevlei Road</p>
Zone B	1b	<p>i – CML starts on the boundary between portion 23 of Farm No. 187 and portion 17 of Farm No. 186 near the northernmost tip of portion 23 of Farm No. 187, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary between portion 23 of Farm No. 187 and portion 17 of Farm No. 186 near the northernmost tip of portion 23 of Farm No. 187</p> <p>ii – CML starts on the boundary between portion 11 of Farm No. 187 and portion 17 of Farm No. 186 near the southernmost tip of the common boundary between the two properties, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary between portion 23 of Farm No. 187 and portion 36 of Farm No. 186 near the northern-eastern tip of portion 36 of Farm No. 186</p>

		<p>iii – CML starts on the boundary between portion 10 of Farm No. 187 and portion 37 of Farm No. 187, approximately 0.21km east of the eastern extent of portion 26 of Farm No. 187, follows a curvilinear line along the 5m contour line around the estuary and ends on the boundary between portions 10 and 36 of Farm No. 187 along the northern boundary of portion 36 of Farm No. 187</p>
2a	Wilderness, George Local Municipality, Garden Route District Municipality	<p>i – CML starts on the boundary between unalienated state land and remainder Farm No. 191 approximately 0.12km east of the common boundary between unalienated state land, remainder Erf No. 1288 and remainder Farm No. 191, follows a curvilinear line along the 100 year risk line along the coast, or the park boundary and ends along the coastline of unalienated state land situated south of the southern border of portion 14 of Farm No. 189</p>
2b	Wilderness, George Local Municipality, Garden Route District Municipality Sedgefield, Knysna Local Municipality, Garden Route District Municipality	<p>i – CML starts along the coastline of unalienated state land situated south of the southern border of portion 14 of Farm No. 189, follows a curvilinear line along the 100 year risk line along the coast and ends along the coastline of unalienated state land situated south of the southern boundary of remainder portion 1 of Farm No. 187</p>
2c	Sedgefield, Knysna Local Municipality, Garden Route District Municipality	<p>i – CML starts along the coastline of unalienated state land situated south of the southern boundary of remainder portion 1 of Farm No. 187, follows a curvilinear line along the 100 year risk line along the coast and ends on the boundary between unalienated state land and remainder Farm No. 185 along the western border of remainder Farm No. 185</p>
1a	Knysna Local Municipality, Garden Route District Municipality	<p>i – CML starts at the western bank of the Noetzie Estuary mouth along the border of remainder of Farm No. 394, east of Erf No. 20374, follows a curvilinear line along the 100 year risk line along the coast and 5m contour line around the estuary and ends on the eastern shore of the Noetzie Estuary, east of Erf No. 20330</p>
	Zone C	

	2a	<p>Krystna Local Municipality, Garden Route District Municipality</p> <p>Bitou Local Municipality, Garden Route District Municipality</p>	<p>i – CML starts on the eastern shore of the Noetzie Estuary, east of Erf No. 20330, follows a curvilinear line along the 100 year risk line along the coast and ends along the coastline of Farm No. 558, approximately 3.4 km east of the Noetzie Estuary mouth</p>
	2b	<p>Bitou Local Municipality, Garden Route District Municipality</p>	<p>i – CML starts along the coastline of Farm No. 558, approximately 3.4 km east of the Noetzie Estuary mouth, follows a curvilinear line along the 100 year risk line along the coast and ends along the coastline of Farm No. 558, approximately 7.1 km east of the Noetzie Estuary mouth</p>
	2c	<p>Bitou Local Municipality, Garden Route District Municipality</p>	<p>i – CML along the coastline of Farm No. 558, approximately 7.1 km east of the Noetzie Estuary mouth, follows a curvilinear line along the 100 year risk line along the coast and ends at the southernmost point where Farm No. 558 and remainder Farm No. 432 have a common boundary</p>
Zone D	1c	<p>Bitou Local Municipality, Garden Route District Municipality</p>	<p>i – CML starts along the coastline of Farm No. 241 approximately 0.7 km south-west of the Sout (Oos) Estuary mouth, follows a curvilinear line along the 100 year risk line along the coast and 5m contour line around the estuary and ends at the boundary between Farm No. 241, unalienated state land and Erf No. 444</p>
	2a	<p>Bitou Local Municipality, Garden Route District Municipality</p>	<p>i – CML starts along the coastline near the border between remainder of Farm No. 296 and portion 1 of Farm No. 299, follows a curvilinear line along the 100 year risk line along the coast and ends along the coastline near the border between portion 1 of Farm No. 299 and remainder of Farm No. 496</p> <p>ii – CML starts along the coastline at the border between remainder of Farm No. 496 and Farm No. 241, follows a curvilinear line along the 100 year risk line along the coast and ends along the coastline of Farm No. 241, approximately 0.4 km northeast of the border between remainder of Farm No. 496 and Farm No. 241</p>

	2b	Bitou Local Municipality, Garden Route District Municipality	i – CML starts along the coastline of Farm No. 241, approximately 0.4 km northeast of the border between remainder of Farm No. 496 and Farm No. 241, follows a curvilinear line along the 100 year risk line along the coast and ends along the coastline of Farm No. 241 approximately 1.9 km southwest of the Sout (Oos) Estuary mouth
	2c	Bitou Local Municipality, Garden Route District Municipality	i – CML starts along the coastline of Farm No. 241 approximately 1.9 km southwest of the South (Oos) Estuary mouth, follows a curvilinear line along the 100 year risk line along the coast and ends along the coastline of Farm No. 241 approximately 0.7 km south-west of the Sout (Oos) Estuary mouth
Zone E	1a	Nature's Valley, Bitou Local Municipality, Garden Route District Municipality	i – CML starts on Farm No. 241 at the Nature's Valley Rest Camp, follows a curvilinear line along the 5m contour line around the estuary and ends on Farm No. 250 near the eastern shore of the Groot (West) Estuary opposite the Nature's Valley Rest Camp
	2a	Nature's Valley, Bitou Local Municipality, Garden Route District Municipality	i – CML starts on the boundary of Farm No. 241 north of Erf No. 455, follows a curvilinear line along the 5m contour line around the estuary and ends on Farm No. 241 at the Nature's Valley Rest Camp ii – CML starts on Farm No. 250 near the eastern shore of the Groot (West) Estuary opposite the Nature's Valley Rest Camp, follows a curvilinear line along the 100 year risk line along the coast and 5m contour line around the estuary and ends near the southernmost point of the boundary between Farm No. 250 and Farm No. 287 iii – CML starts near the southernmost point of the boundary between Farm No. 250 and Farm No. 287, follows a curvilinear line along the 10m contour line along the coast and ends approximately 0.85 km east of the south-easternmost point of Farm No. 287
	2b	Bitou Local Municipality, Garden Route District	i – CML starts approximately 0.85 km east of the south-easternmost point of Farm No. 287, follows a curvilinear line along the 10m contour line along the coast and

	Municipality	ends approximately 0.1 km southwest of the Klip River mouth on Farm No. 287
2c	Bitou Local Municipality, Garden Route District Municipality Kou-Kamma Local Municipality, Sarah Baardman District Municipality	i – CML starts approximately 0.1 km southwest of the Klip River mouth on Farm No. 287, follows a curvilinear line along the 10m contour line along the coast, the 5m contour along the estuary and short straight lines joining the 5m and 10 contour lines at their closest points around the estuary mouth and ends approximately 0.3 km east of the Bloukrantz Estuary mouth on Farm No. 397
Zone F	1a	i – CML starts approximately 100m west of the Bloukrantz Estuary mouth on Farm No. 250, follows a curvilinear line along the 10m contour line along the coast, the 5m contour along the estuary and short straight lines joining the 5m and 10 contour lines at their closest points around the estuary mouth and ends approximately 2.9 km east of the Bloukrantz Estuary mouth on Farm No. 397
	1b	i – CML starts along the coastline on Farm No. 397 approximately 2.9 km east of the Bloukrantz Estuary mouth, follows a curvilinear line along the 10m contour line along the coast and ends along the coastline approximately 3 km east of the Bloukrantz River mouth on Farm No. 397
	2b	i – CML starts along the coastline approximately 3 km east of the Bloukrantz River mouth on Farm No. 397, follows a curvilinear line along the 10m contour line along the coast and ends along the coastline on Farm No. 397 approximately 2 km west of the Lottering Estuary mouth
	2c	i – CML starts along the coastline on Farm No. 397 approximately 2 km west of the Lottering Estuary mouth, follows a curvilinear line along the 10m contour line along the coast, the 5m contour along the estuary and short straight lines joining the 5m and 10 contour lines at their closest points around the estuary mouth and ends on along the coastline Farm No. 397 approximately 1 km east of the Lottering Estuary mouth

Zone G	1a	Kou-Kamma Local Municipality, Sarah Baardman District Municipality	<p>i – CML starts along the coastline on Farm No. 397 approximately 0.5 km east of the Lottering Estuary mouth, follows a curvilinear line along the 10m contour line along the coast, the 5m contour along the estuary and short straight lines joining the 5m and 10 contour lines at their closest points around the estuary mouth and ends on the boundary between unalienated state land and Farm No. 412 on the western side of the Elansbos Estuary</p>
			<p>ii – CML starts on the boundary between unalienated state land and Farm No. 412 on the eastern side of the Elansbos Estuary, follows a curvilinear line along the 10m contour line along the coast, the 5m contour along the estuary and short straight lines joining the 5m and 10 contour lines at their closest points around the estuary mouth and ends along the coastline on Farm No. 397 immediately east of the Elansbos Estuary mouth</p>
	2a	Kou-Kamma Local Municipality, Sarah Baardman District Municipality	<p>i – CML starts along the coastline on Farm No. 397 immediately east of the Elansbos Estuary mouth, follows a curvilinear line along the 10m contour line along the coast and ends along the coastline on Farm No. 397 approximately 0.8 km east of the Elansbos Estuary mouth</p>
	2b	Kou-Kamma Local Municipality, Sarah Baardman District Municipality	<p>i – CML starts along the coastline on Farm No. 397 approximately 0.8 km east of the Elansbos Estuary mouth, follows a curvilinear line along the 10m contour line along the coast and ends along the coastline on Farm No. 397, west of the southernmost section of the boundary between Farm No. 397 and Farm No. 429 (Kleinbos river mouth)</p>
	2c	Kou-Kamma Local Municipality, Sarah Baardman District Municipality	<p>i – CML starts along the coastline on Farm No. 397, west of the southernmost section of the boundary between Farm No. 397 and Farm No. 429 (Kleinbos river mouth), follows a curvilinear line along the 10m contour line along the coast and ends along the coastline on Farm No. 429 approximately 3.1 km east of the Kleinbos River mouth</p>
Zone H	1a	Kou-Kamma Local	<p>i – CML starts along the coastline on Farm No. 429 approximately 2.7 km east of</p>

	Municipality, Sarah Baardman District Municipality	the Kleinbos River mouth, follows a curvilinear line along the 10m contour line along the coast and ends along the coastline on Farm No. 429 approximately 2.6 km west of the Storms River mouth
1b	Kou-Kamma Local Municipality, Sarah Baardman District Municipality	i – CML starts along the coastline on Farm No. 429 approximately 2.6 km west of the Storms River mouth, follows a curvilinear line along the 10m contour line along the coast, a curvilinear line based on historical records of flood risk in front of the Storms River Rest Camp, the 5m contour along the estuary and short straight lines joining the 5m and 10 contour lines at their closest points around the estuary mouth and ends along the coastline on Farm No. 431 approximately 0.7 km east of the Storms River mouth
1c	Kou-Kamma Local Municipality, Sarah Baardman District Municipality	i – CML starts along the coastline on Farm No. 431 approximately 0.7 km east of the Storms River mouth, follows a curvilinear line along the 10m contour line along the coast and ends along the coastline on Farm No. 431 approximately 3.5 km east of the Storms River mouth
Zone I	Kou-Kamma Local Municipality, Sarah Baardman District Municipality	i – CML starts along the coastline on Farm No. 431 approximately 3 km east of the Storms River mouth, follows a curvilinear line along the 10m contour line along the coast and ends along the coastline on Farm No. 431 approximately 4.9 km east of the Storms River mouth, south of the southernmost point of the boundary between Farm No. 441 and Farm No. 442
2a	Kou-Kamma Local Municipality, Sarah Baardman District Municipality	i – CML starts along the coastline on Farm No. 431 approximately 4.9 km east of the Storms River mouth, south of the southernmost point of the boundary between Farm No. 441 and Farm No. 442, follows a curvilinear line along the 10m contour line along the coast and ends along the coastline on Farm No. 431 approximately 6.1 km east of the Storms River mouth, south of Farm No. 443
2b	Kou-Kamma Local Municipality, Sarah Baardman District Municipality	i – CML starts along the coastline on Farm No. 431 approximately 6.1 km east of the Storms River mouth, south of Farm No. 443, follows a curvilinear line along the 10m contour line along the coast and ends along the coastline on Farm No. 448

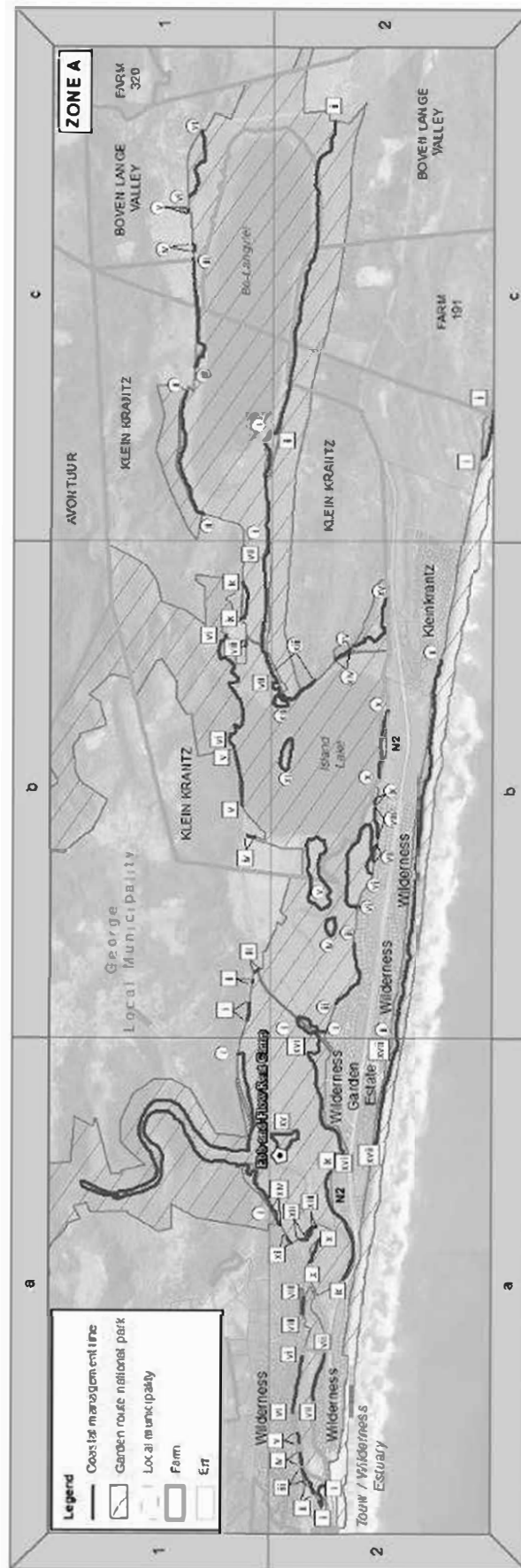
			approximately 9.3 km east of the Storms River mouth, south of Farm No. 449
2c	Kou-Kamma Local Municipality, Sarah Baardman District Municipality		i – CML starts along the coastline on Farm No. 448 approximately 9.3 km east of the Storms River mouth, south of Farm No. 449, follows a curvilinear line along the 10m contour line along the coast and ends along the coastline on Farm No. 523 approximately 4 km west of the Elands River mouth
Zone J		1a	i – CML starts along the coastline on Farm No. 523 approximately 4 km west of the Elands River mouth, follows a curvilinear line along the 10m contour line along the coast and ends along the coastline on Farm No. 523 approximately 0.8 km west of the Elands River mouth
		1b	i – CML starts along the coastline on Farm No. 523 approximately 0.8 km west of the Elands River mouth, follows a curvilinear line along the 10m contour line along the coast, or the park boundary if the 10m contour line extends beyond the park boundary and ends along the coastline within the Tsitsikamma section of the Garden Route National Park immediately south of portion 2 of Farm No. 569 (no Farm No.) approximately 2.3 km east of the Elands River mouth
2c	Kou-Kamma Local Municipality, Sarah Baardman District Municipality		i – CML starts along the coastline within the Tsitsikamma section of the Garden Route National Park immediately south of portion 2 of Farm No. 569 (no Farm No.) approximately 2.3 km east of the Elands River mouth, follows a curvilinear line along the 10m contour line along the coast and ends along the coastline within the Tsitsikamma section of the Garden Route National Park immediately south of portion 2 of Farm No. 569 (no Farm No.) approximately 5.2 km west of the Groot (Oos) River mouth, east of the south-eastern border point of Farm No. 571
Zone K		1a	i – CML starts along the coastline on Farm No. 571 approximately 5.2 km west of the Groot (Oos) River mouth, follows a curvilinear line along the 10m contour line along the coast and ends along the coastline within the Tsitsikamma section of the Garden Route National Park immediately south of portion 2 of Farm No. 569 (no Farm No.) approximately 2.8 km west of the Groot (Oos) River mouth, south of Farm No. 577

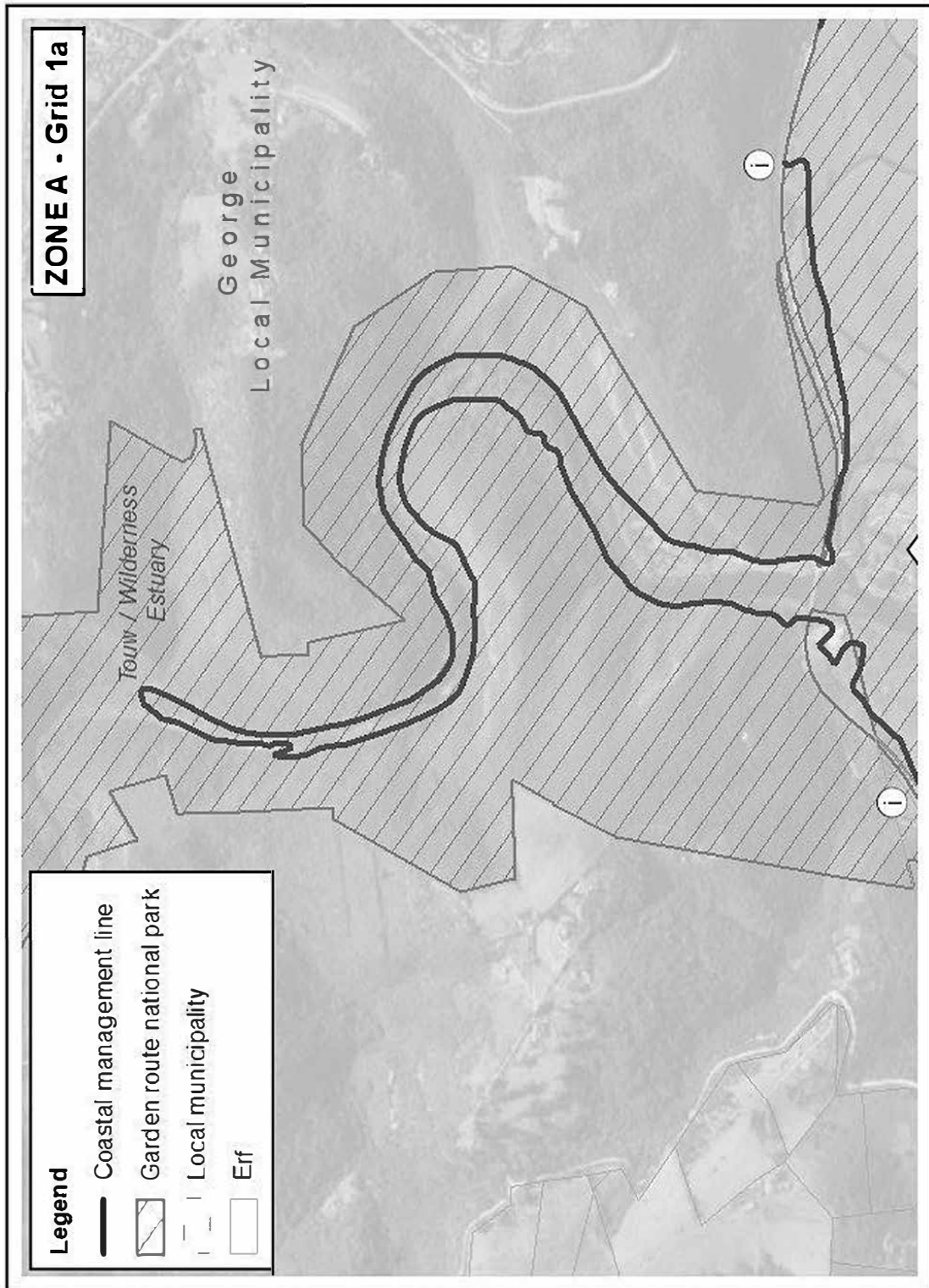
	1b	Kou-Kamma Local Municipality, Sarah Baardman District Municipality	<p>i – CML starts along the coastline within the Tsitsikamma section of the Garden Route National Park immediately south of portion 2 of Farm No. 569 (no Farm No.) approximately 2.8 km west of the Groot (Oos) Estuary mouth, south of Farm No. 577, follows a curvilinear line along the 10m contour line along the coast, the 5m contour along the estuary, or the park boundary if the 5m contour line extends beyond the park boundary and ends on Farm No. 582 along the western bank of the Groot (Oos) Estuary mouth</p>
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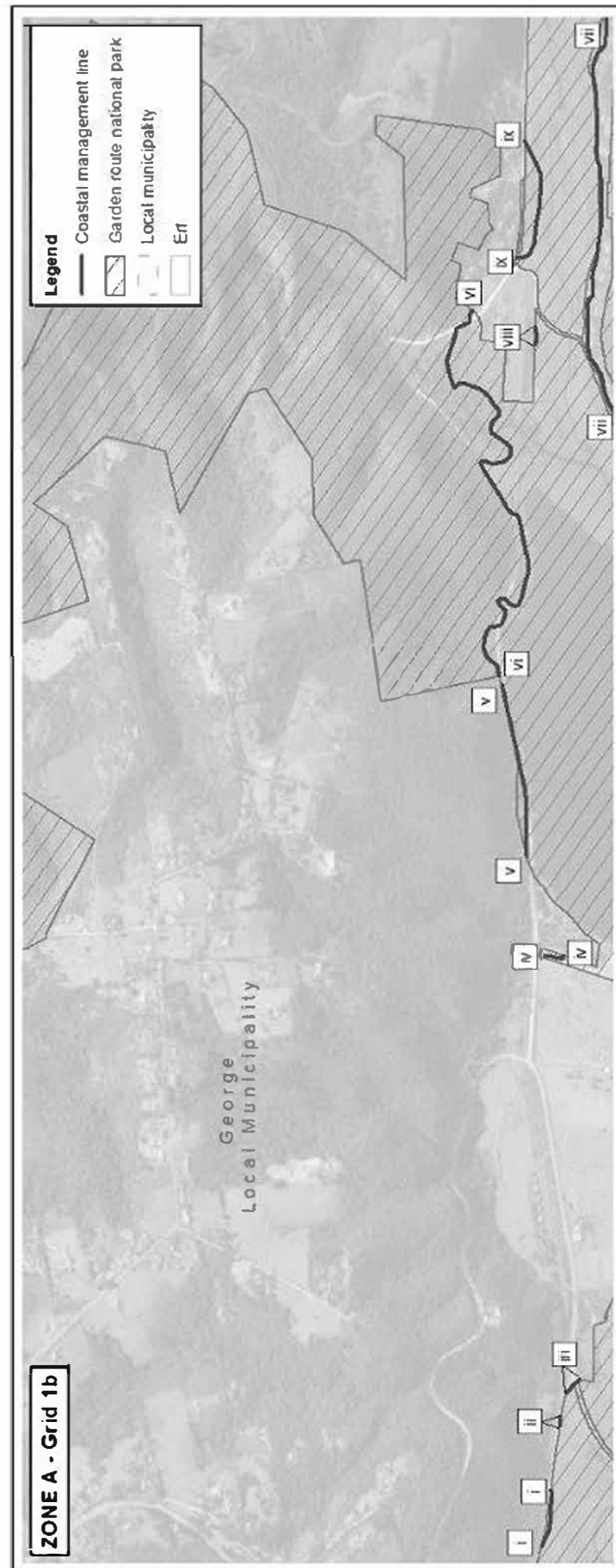
Annexure 2 – Maps showing the Coastal Management Line and Park Boundary (Grid Maps)

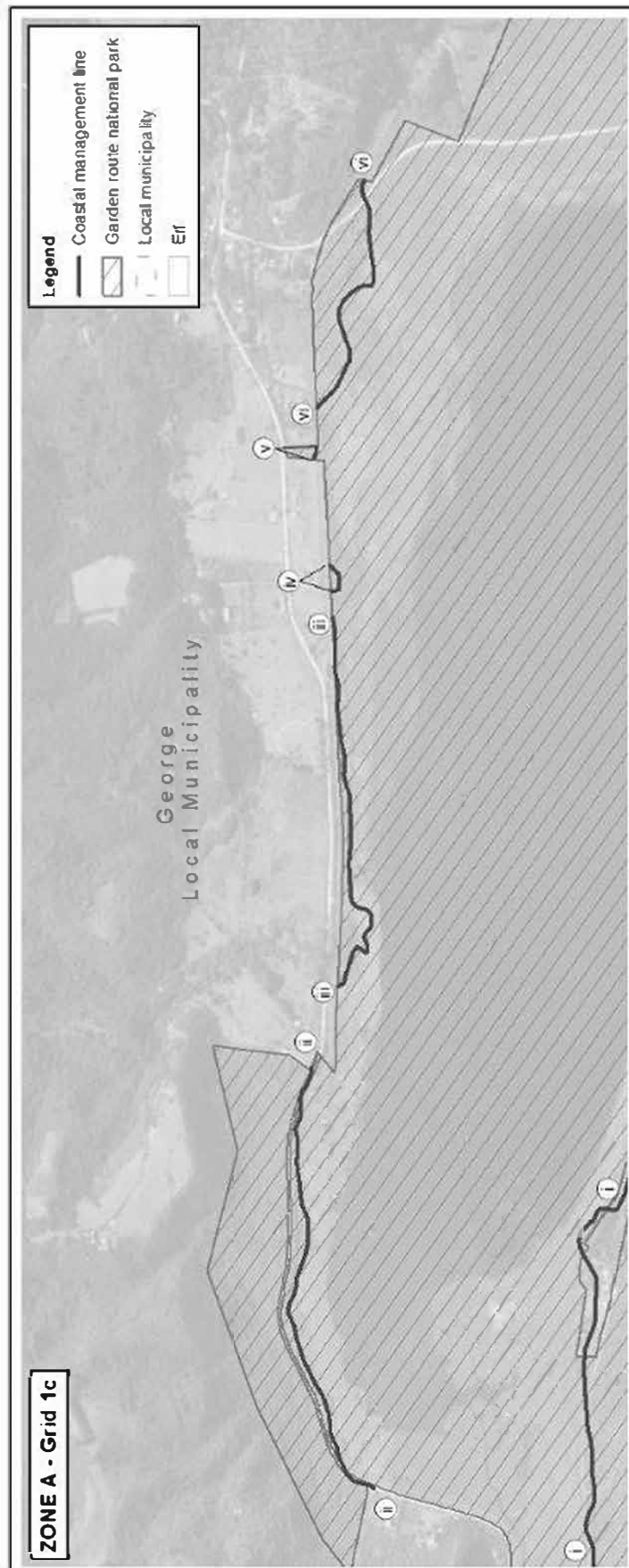
All the maps included below must be interpreted together with the C:ML descriptions in Annexure 1 above.

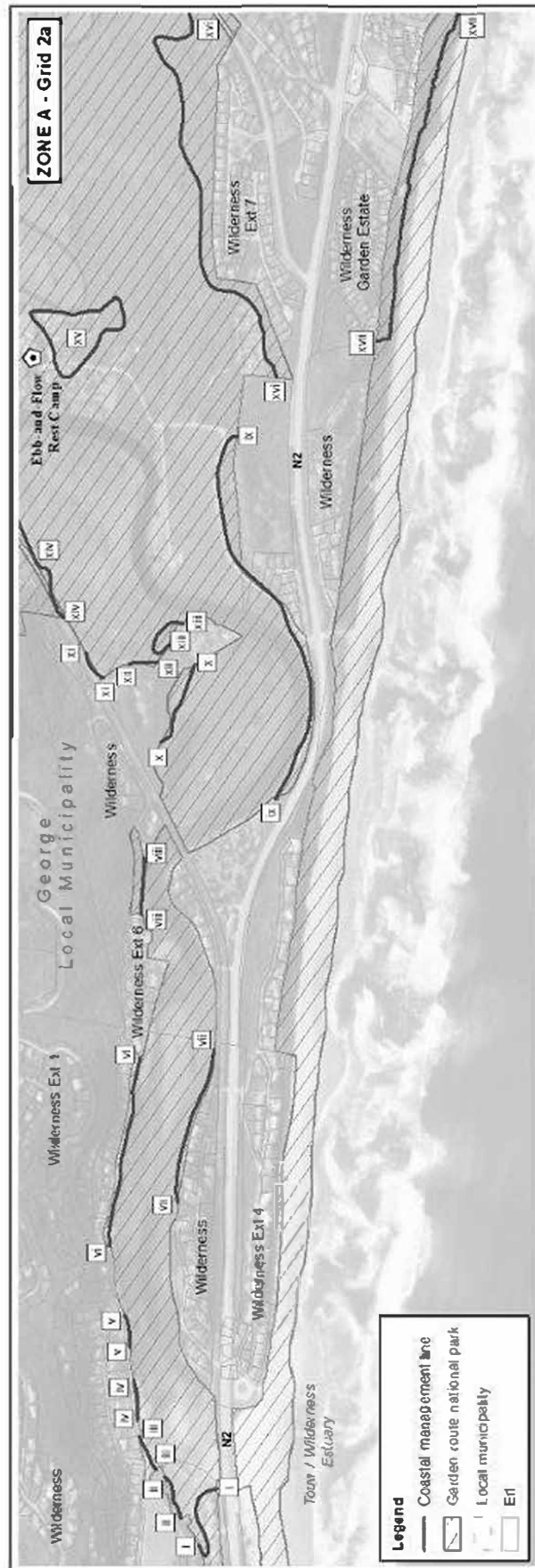


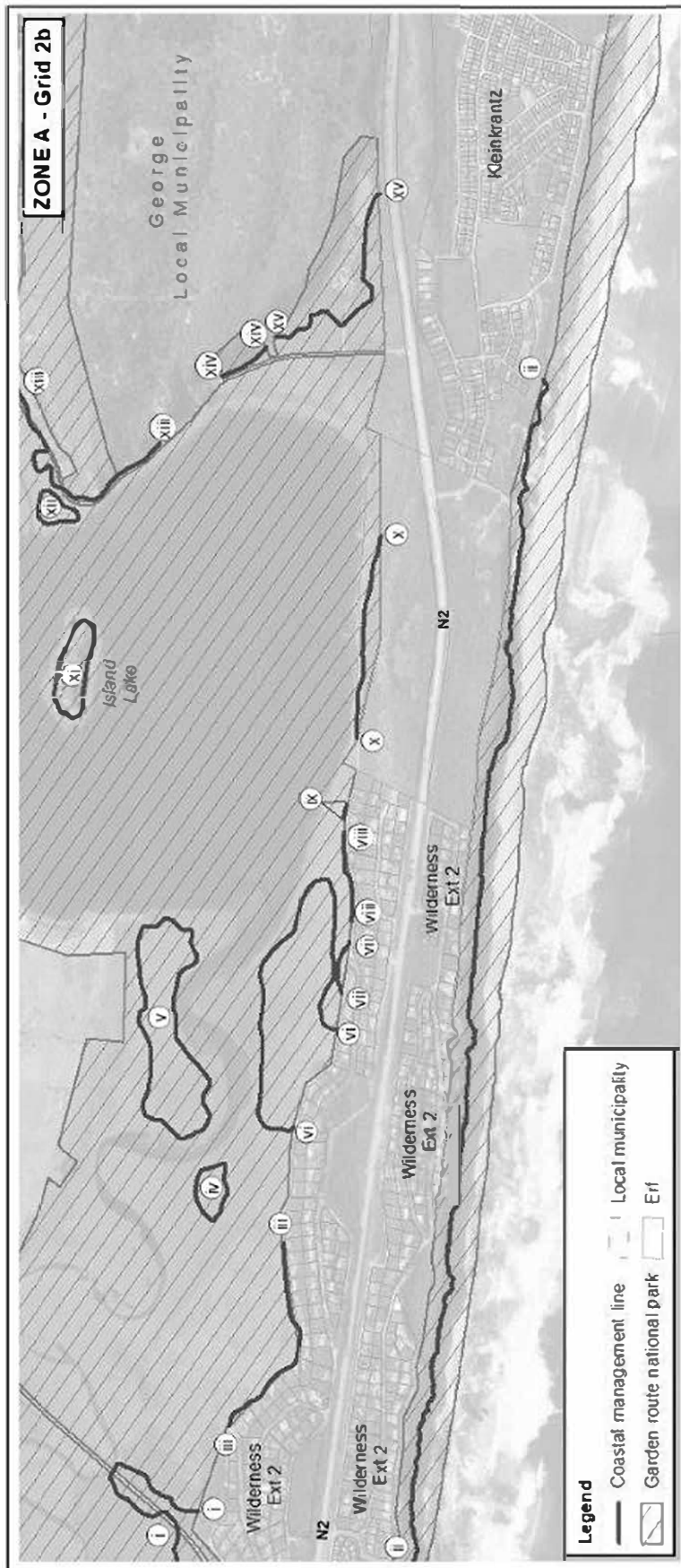


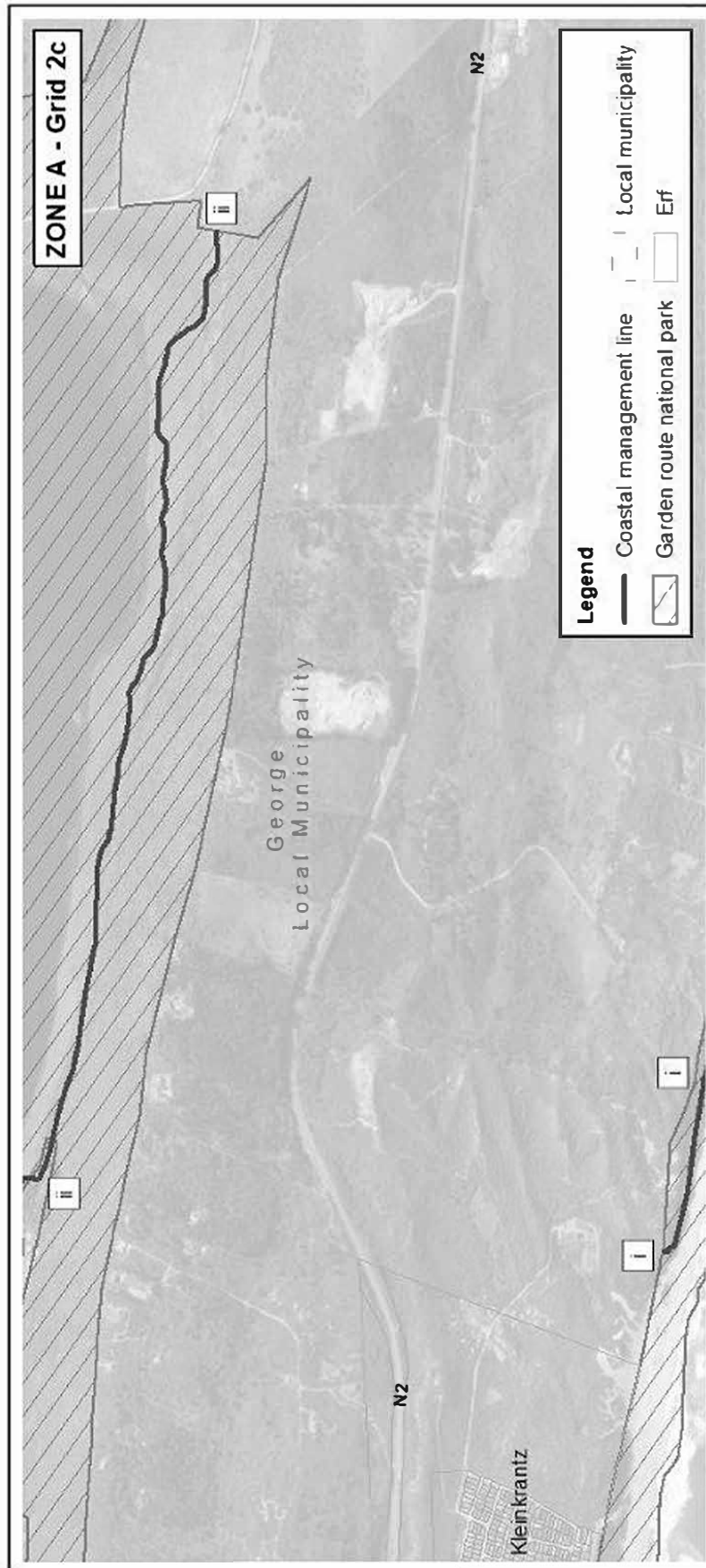


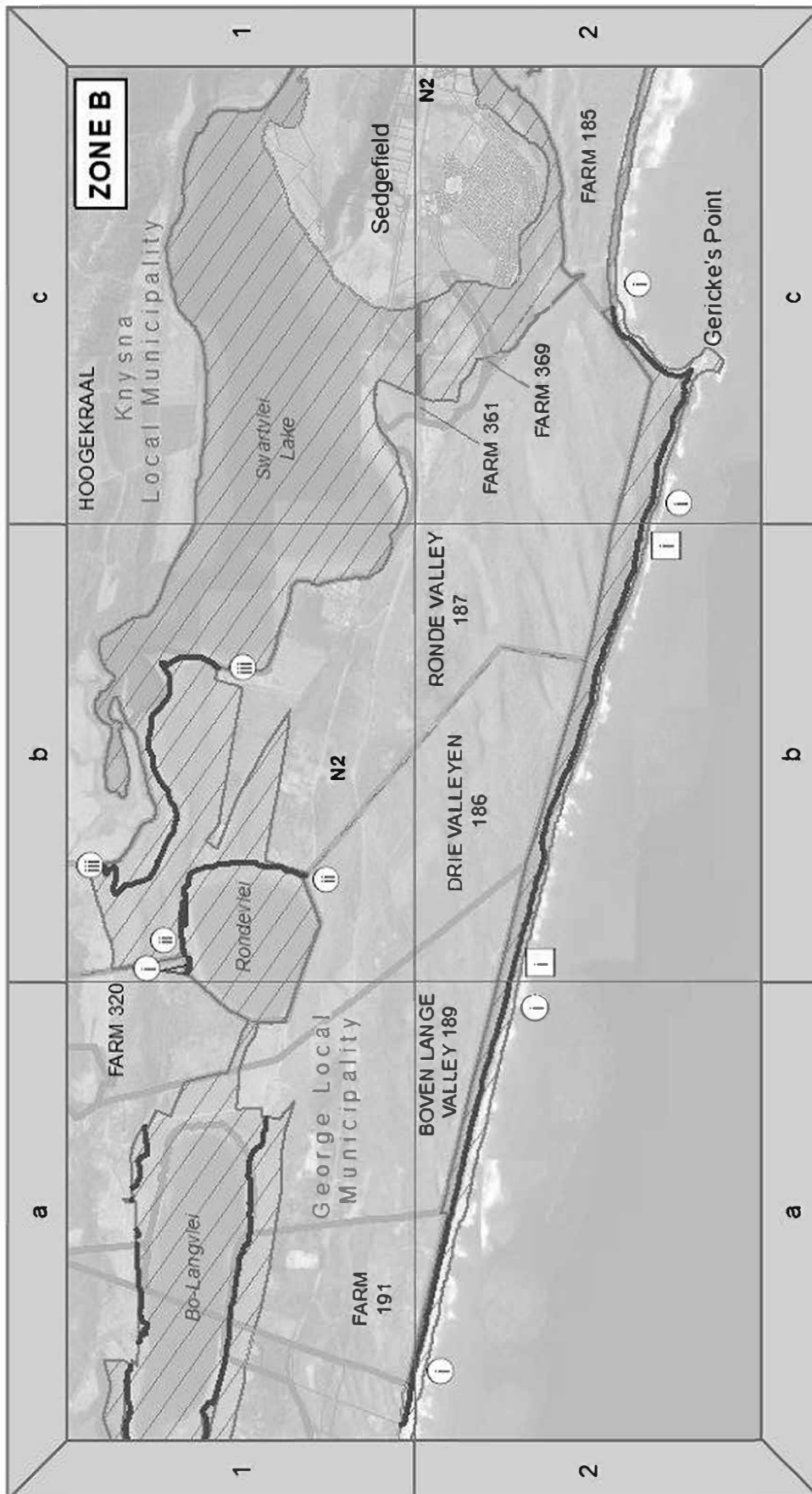


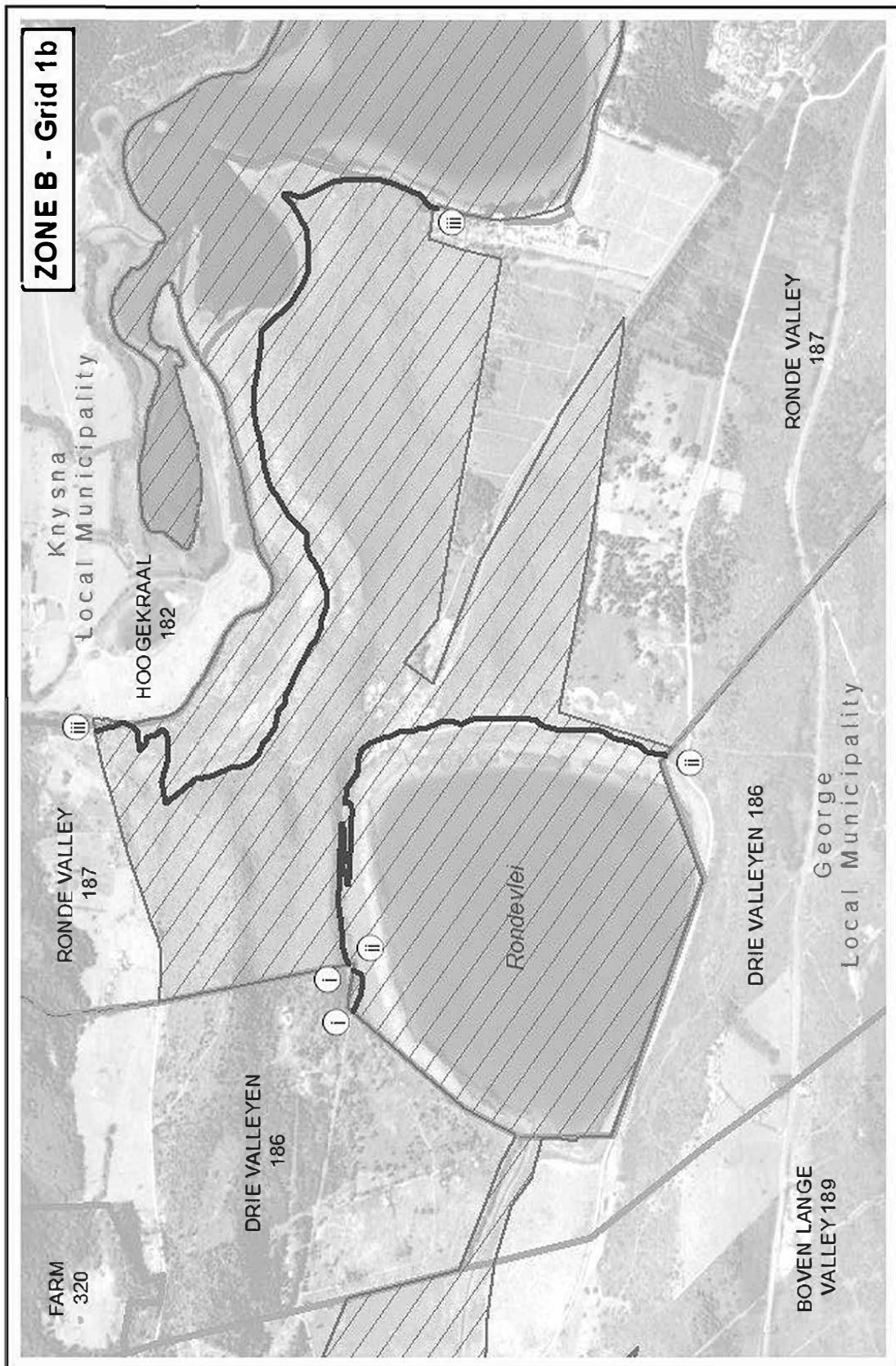


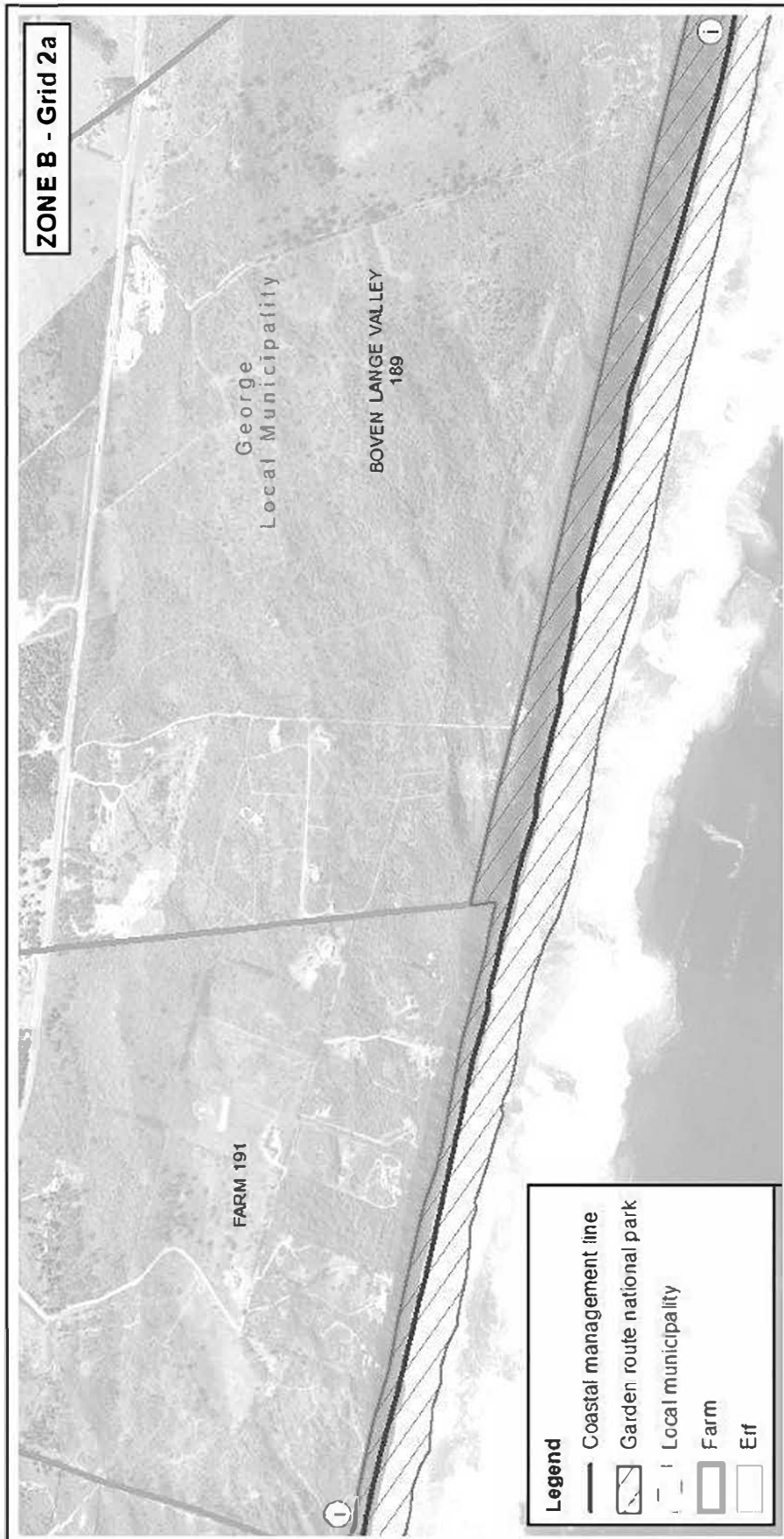


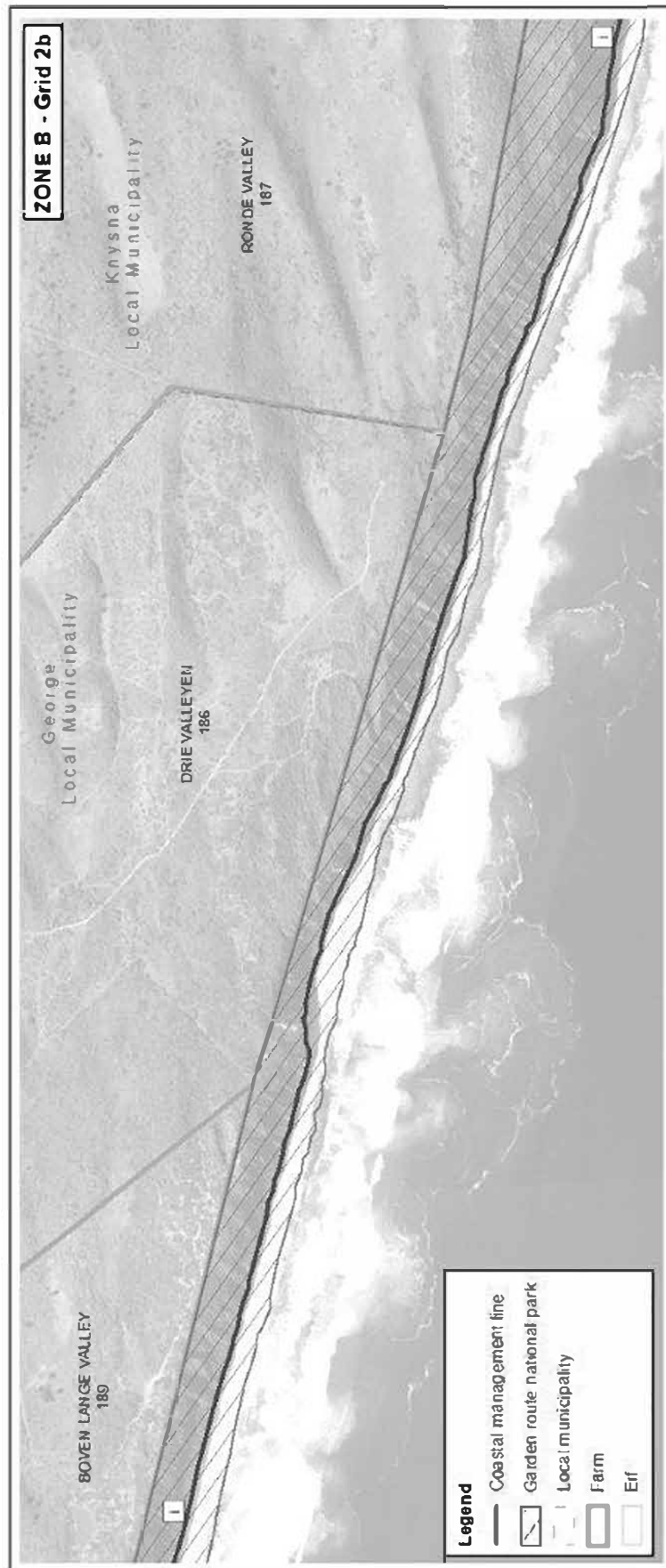


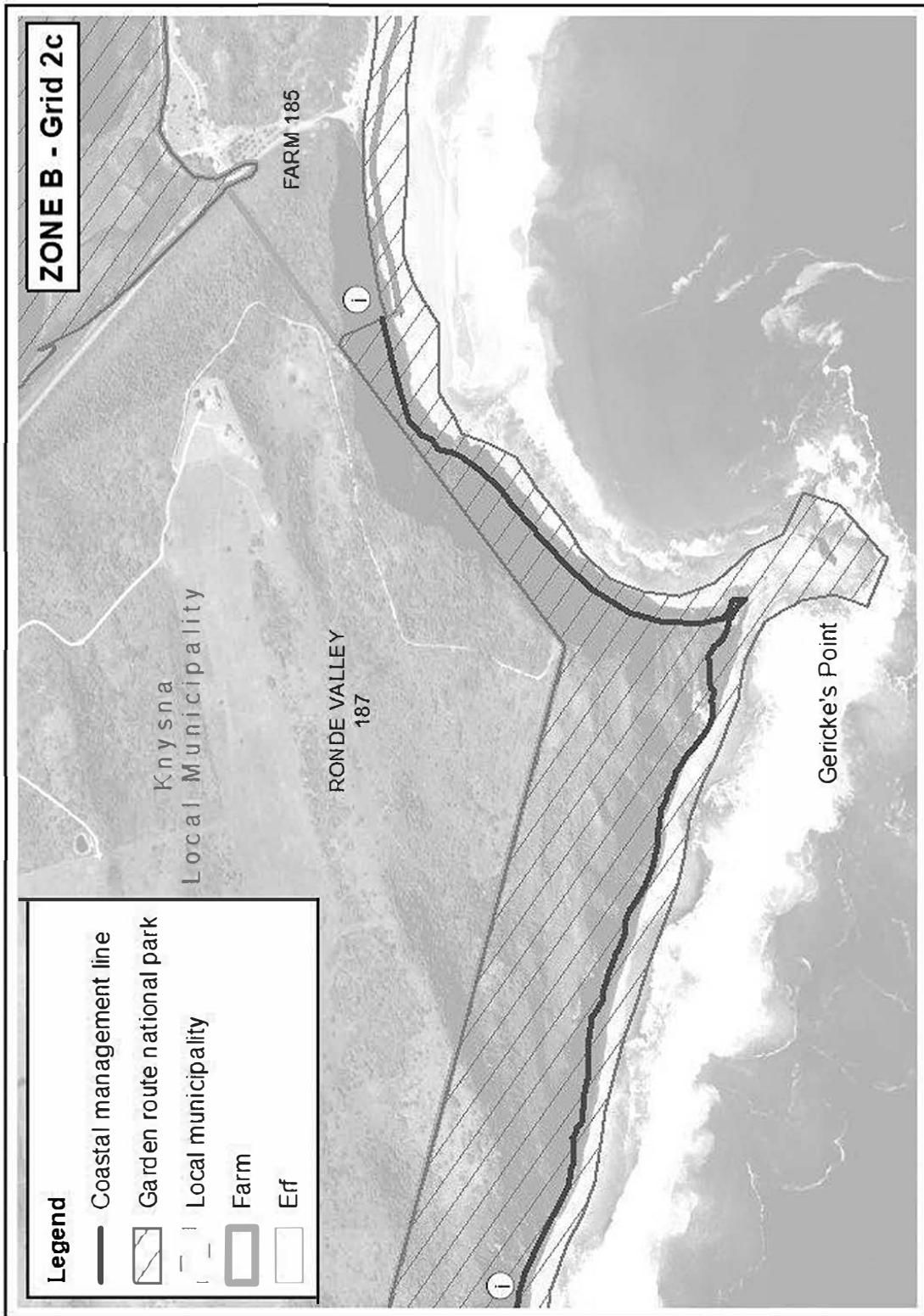


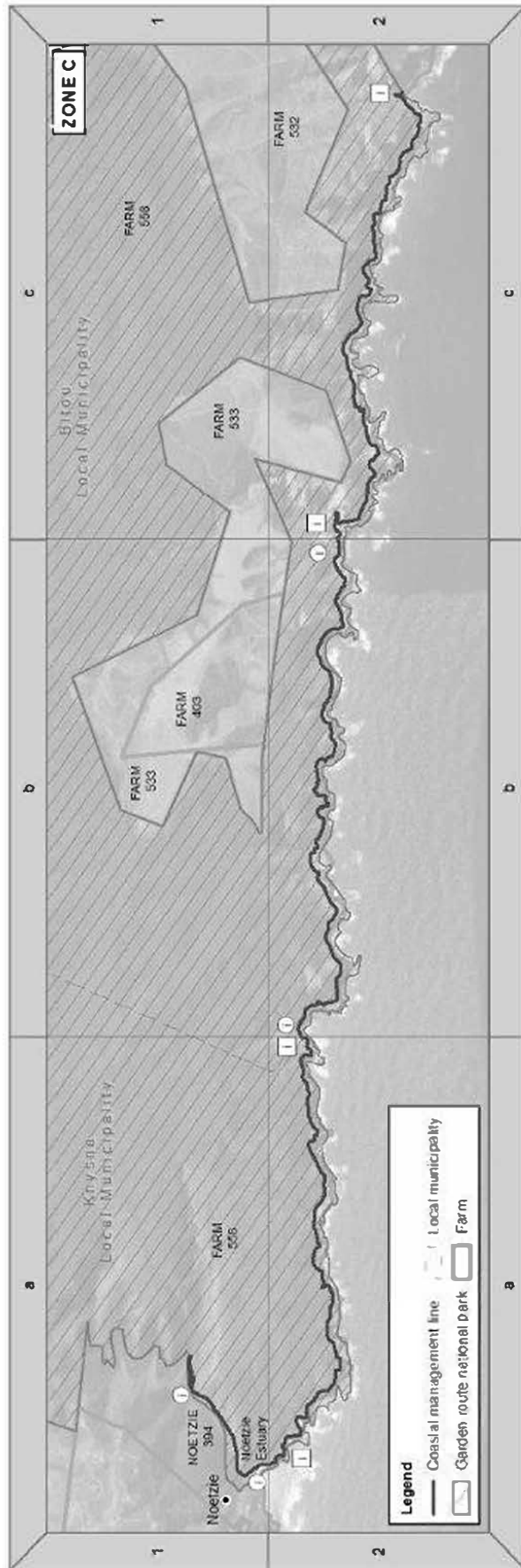


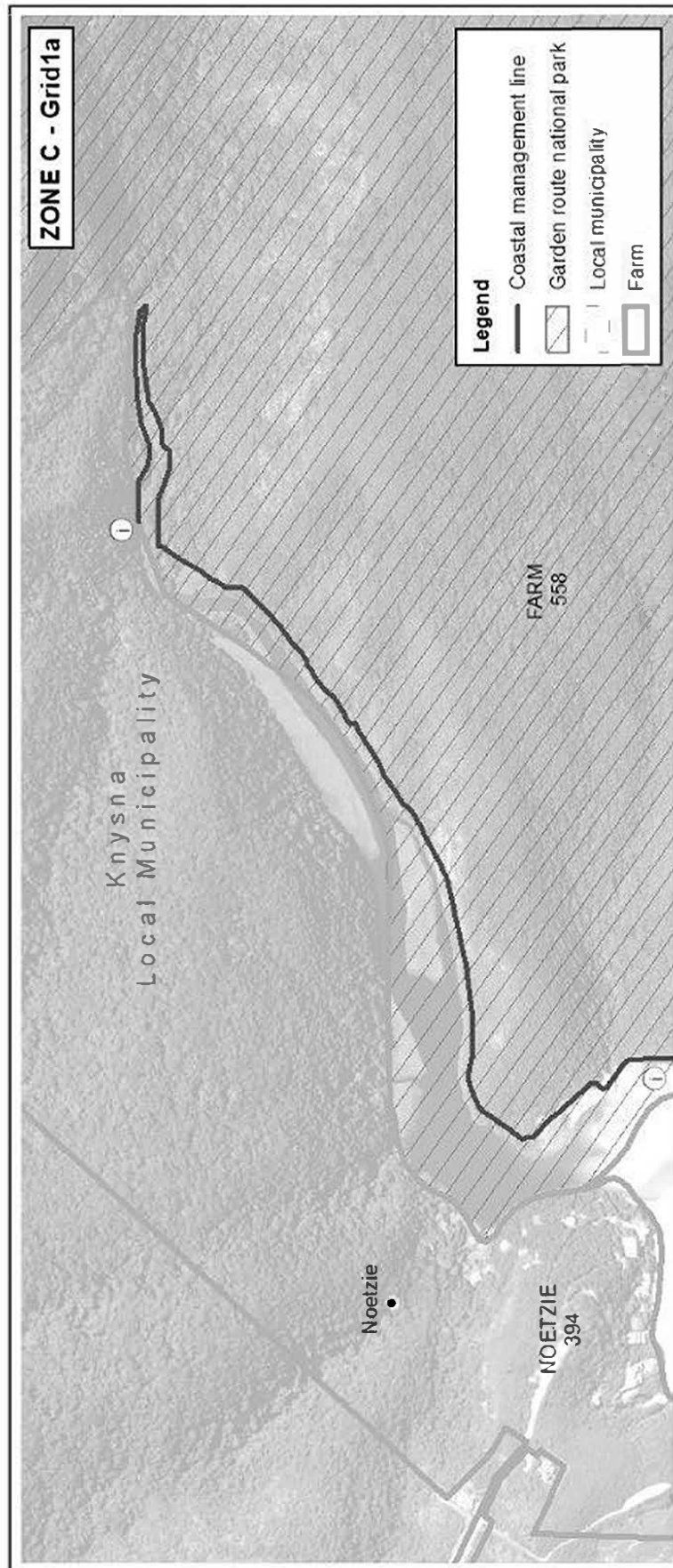


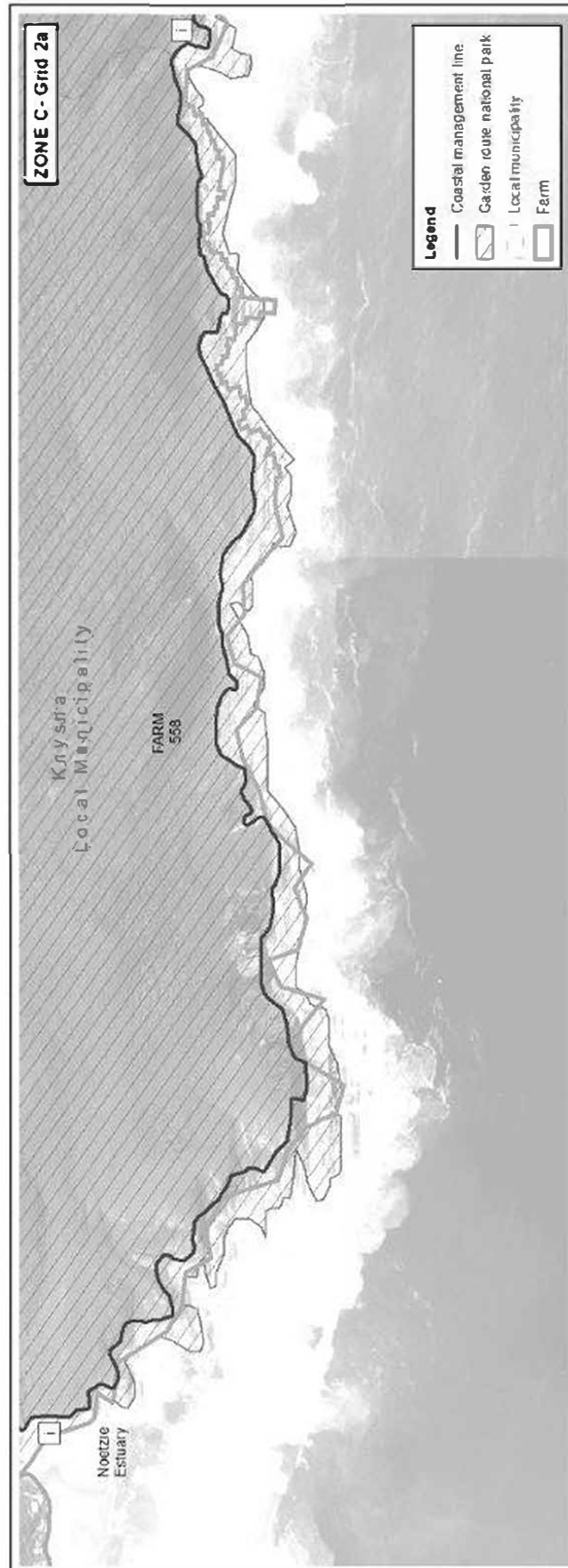


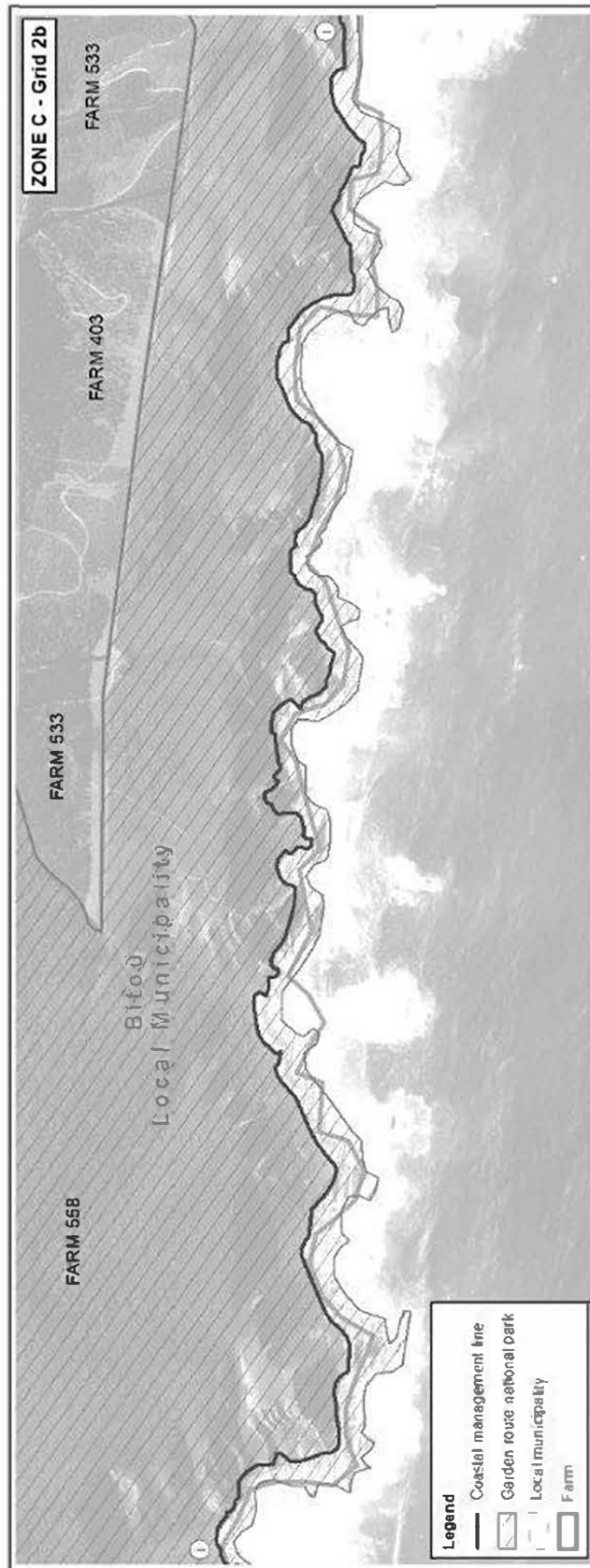


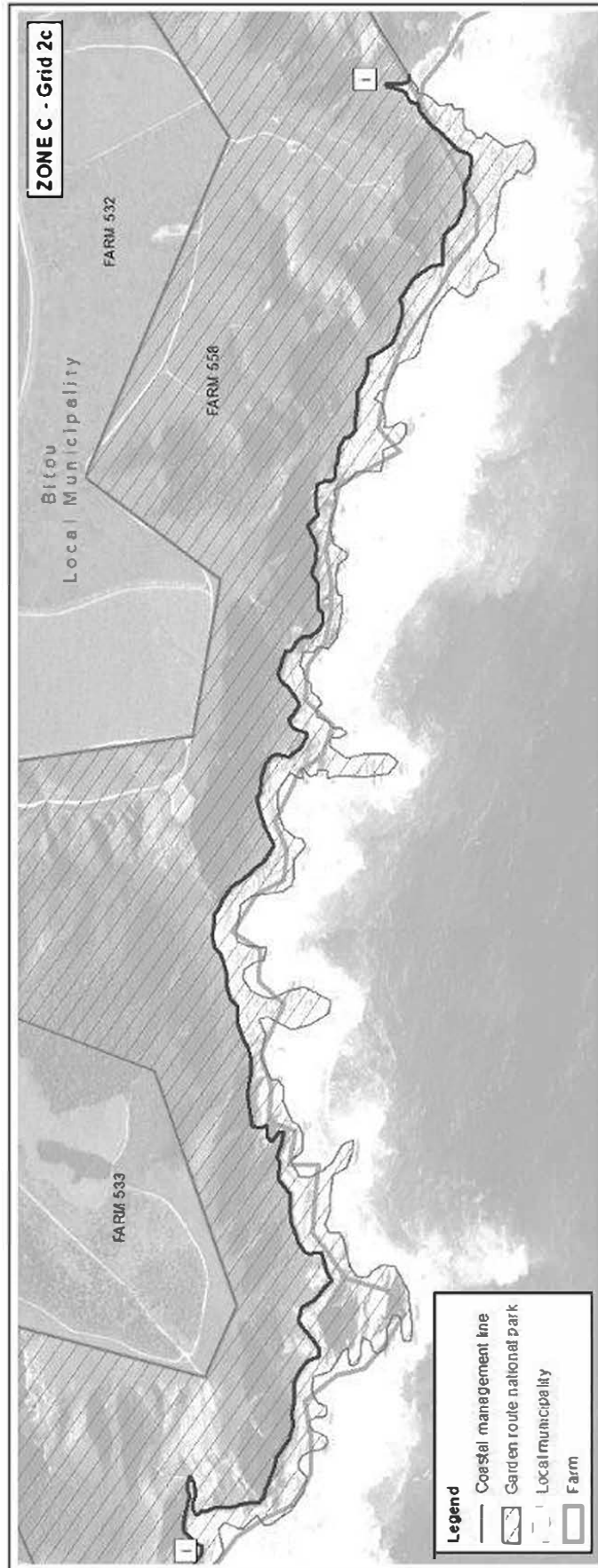


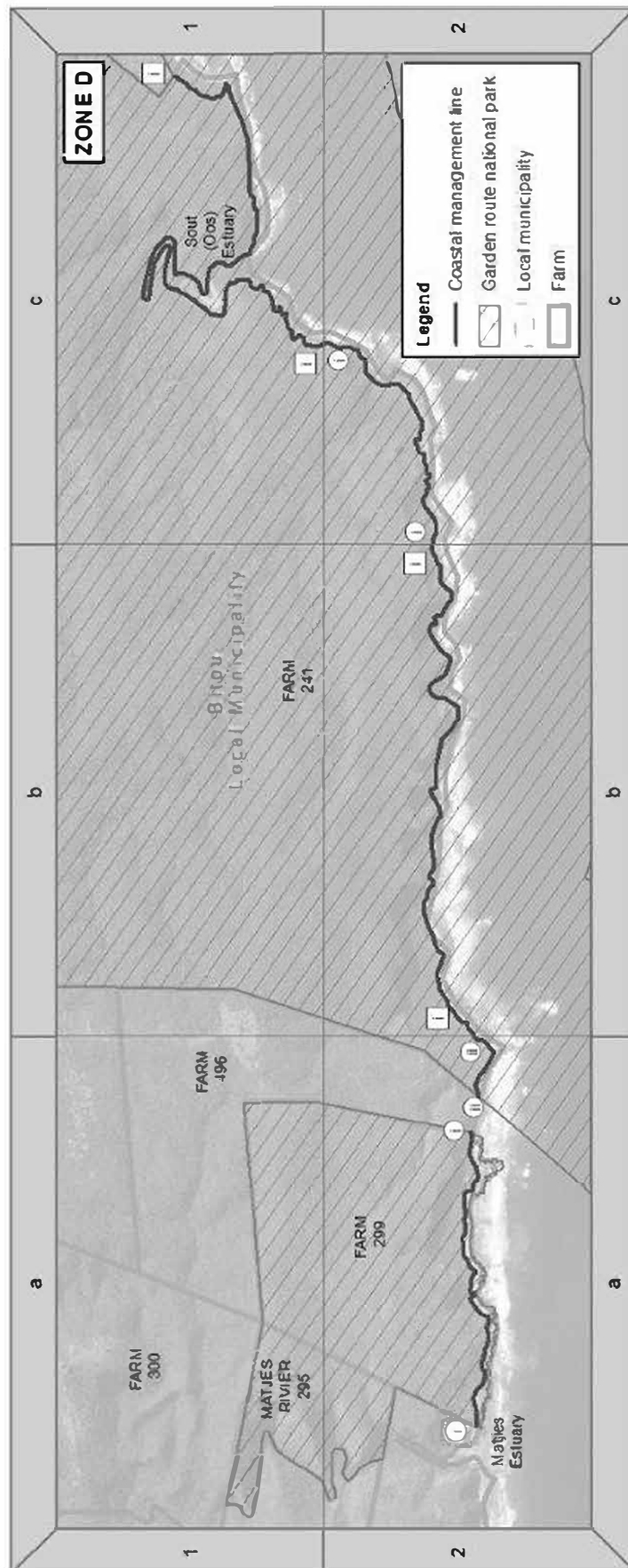


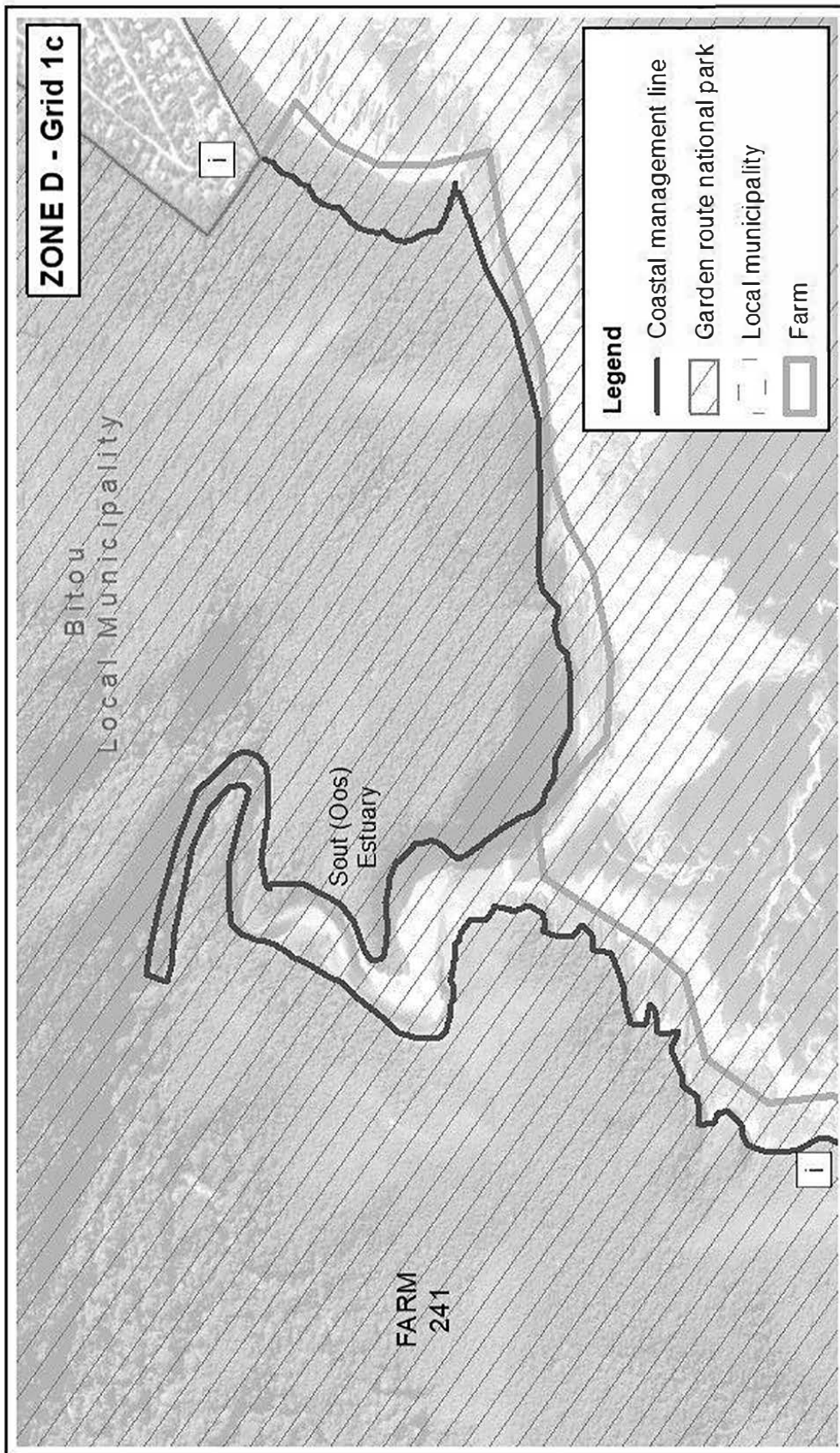


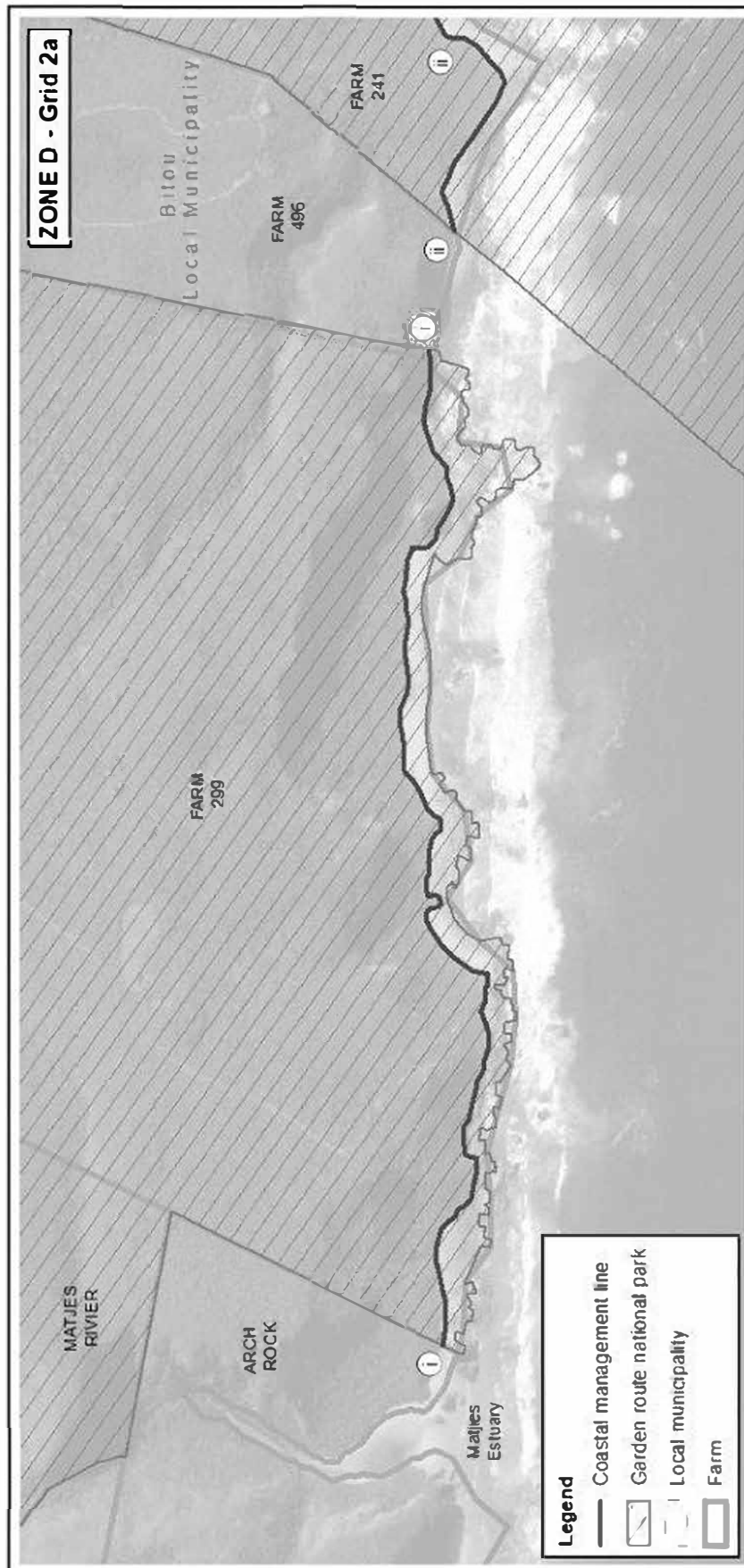


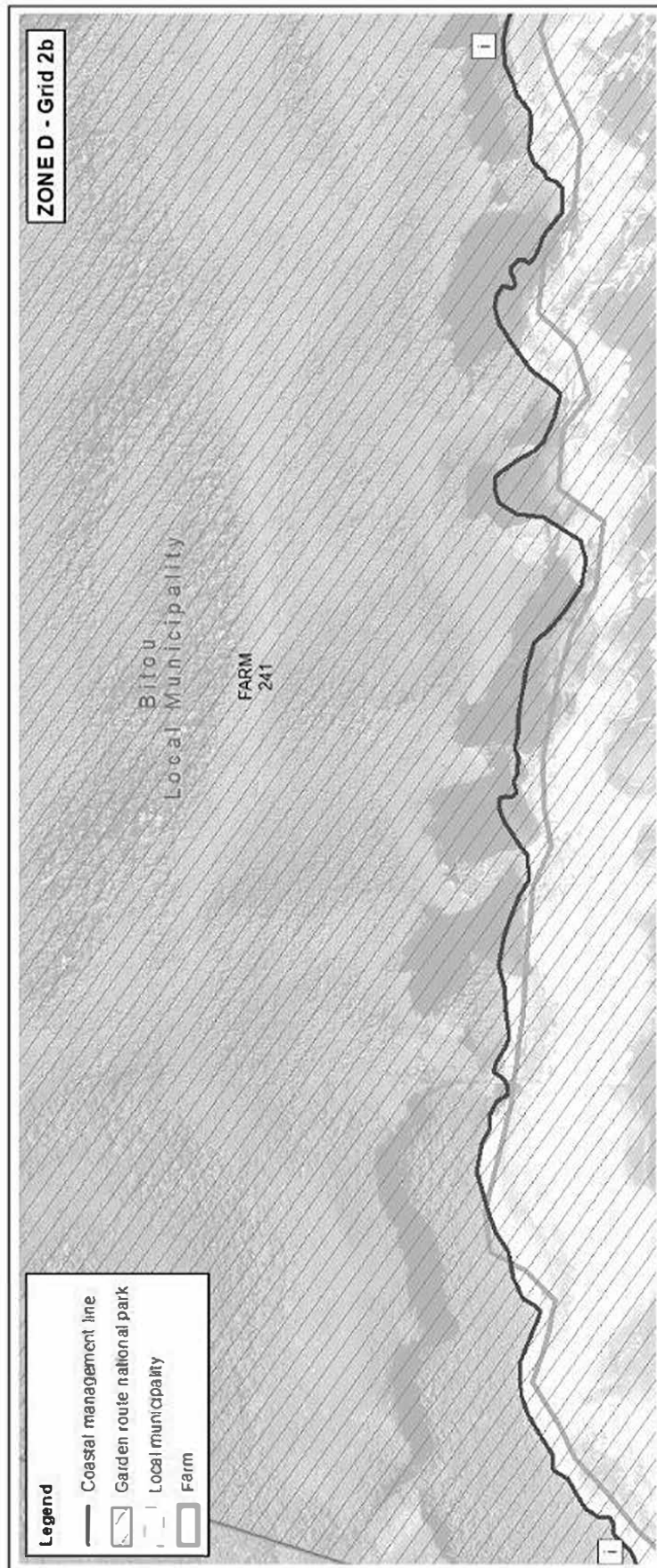


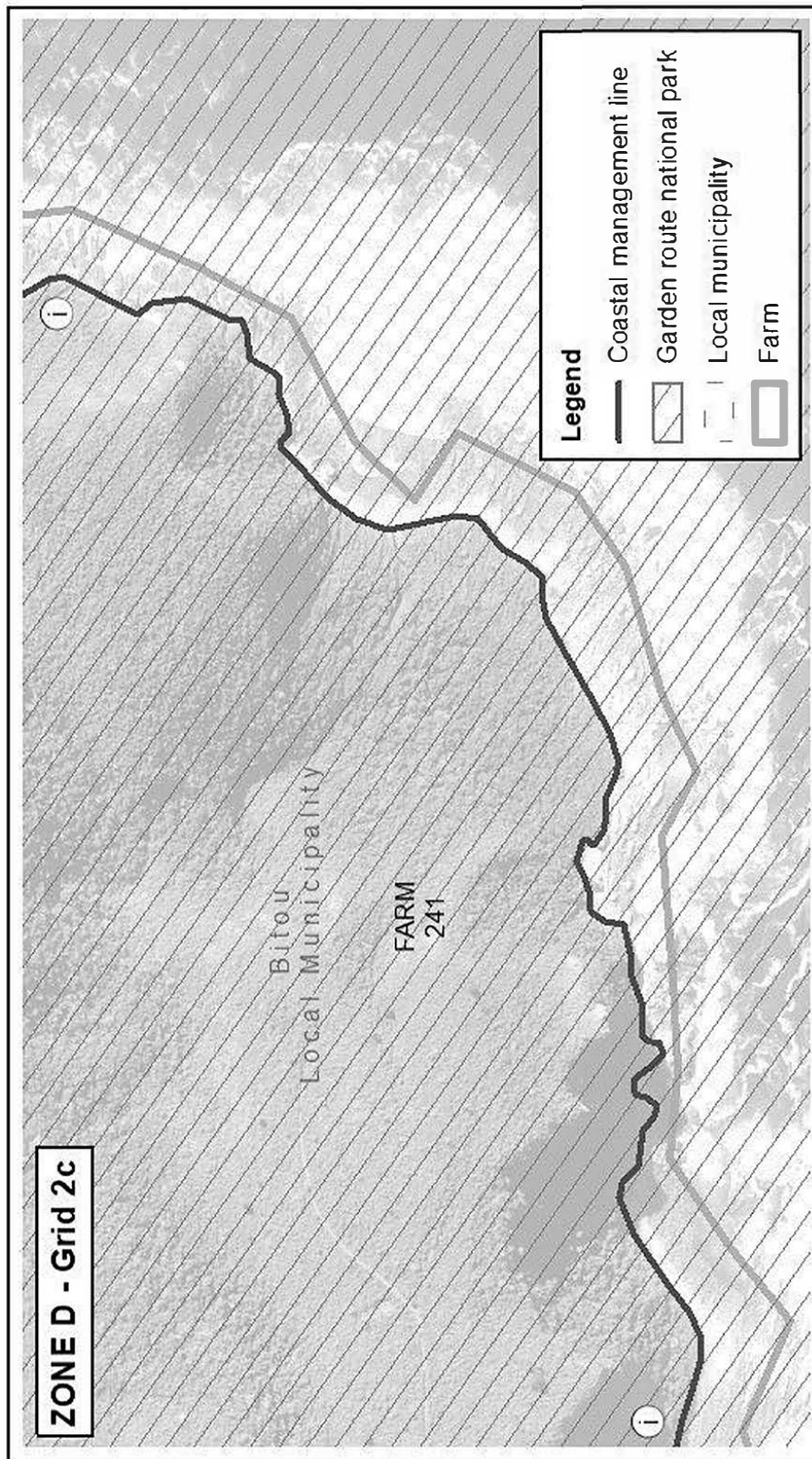


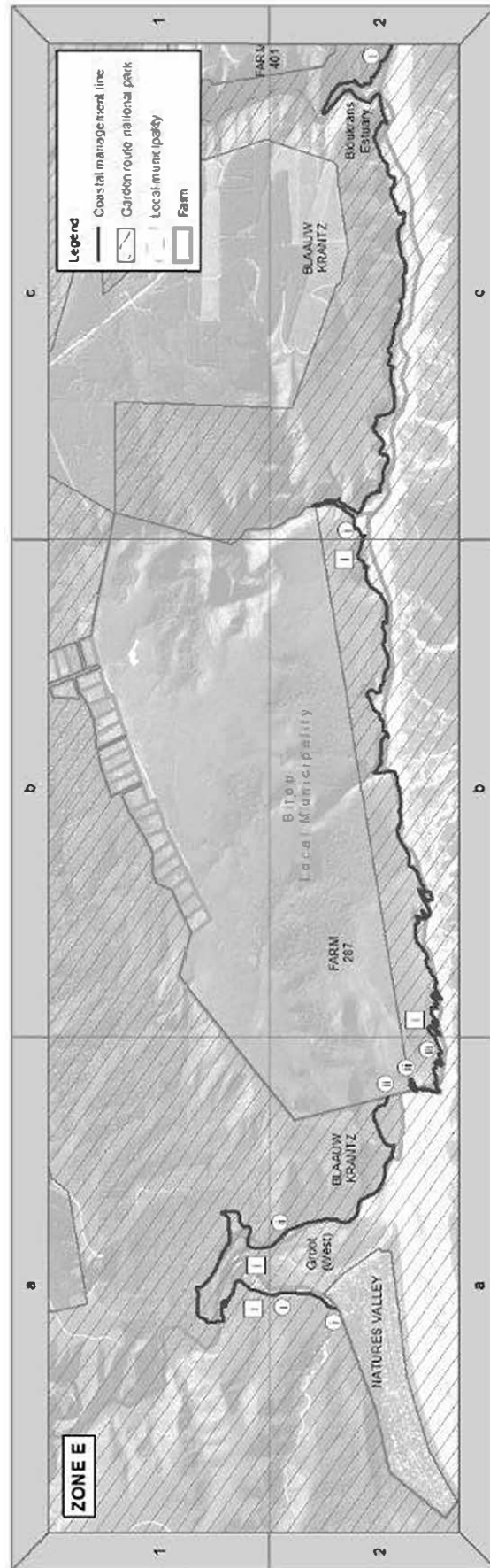




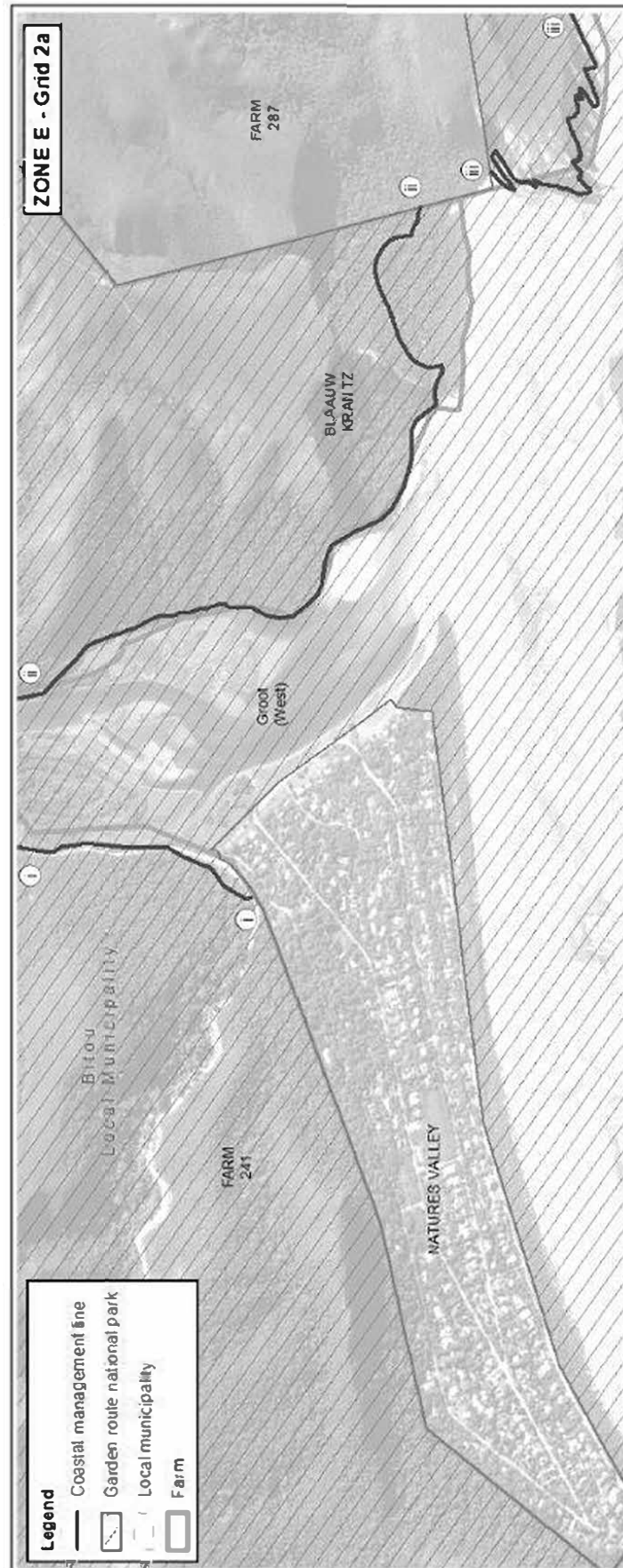


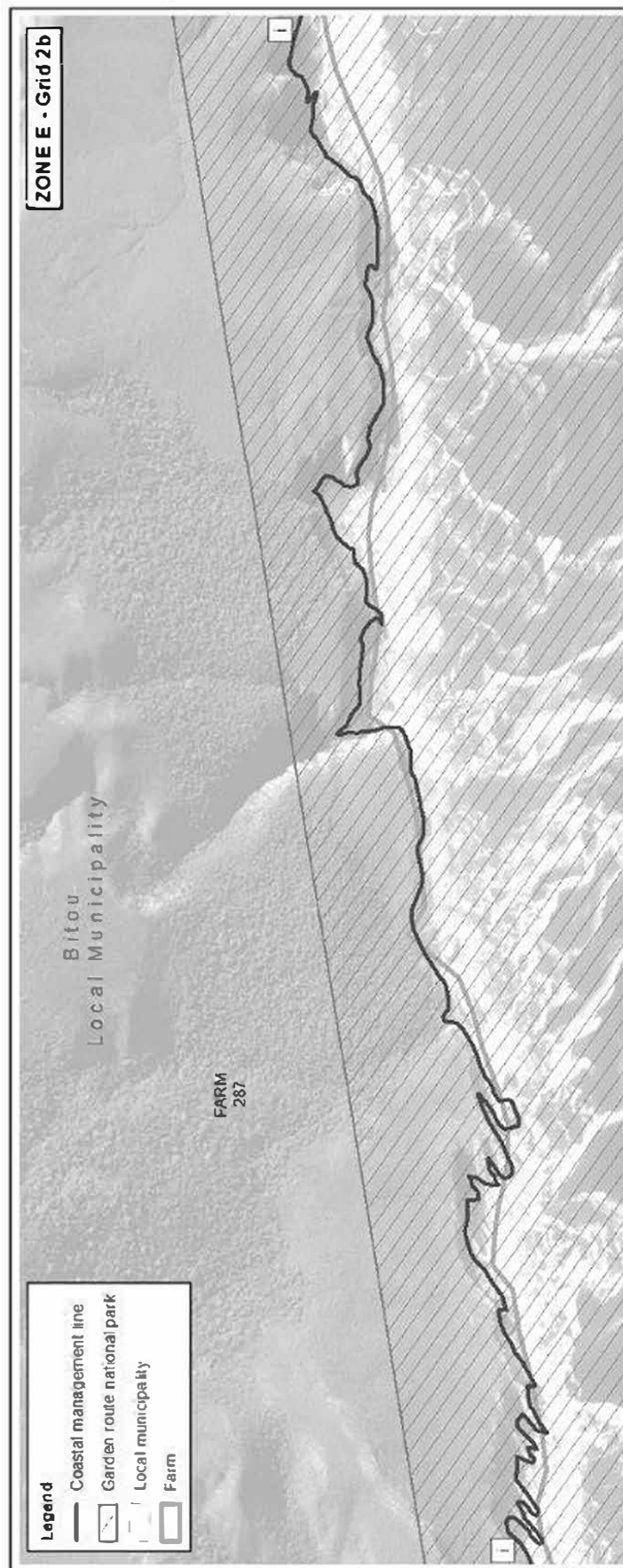


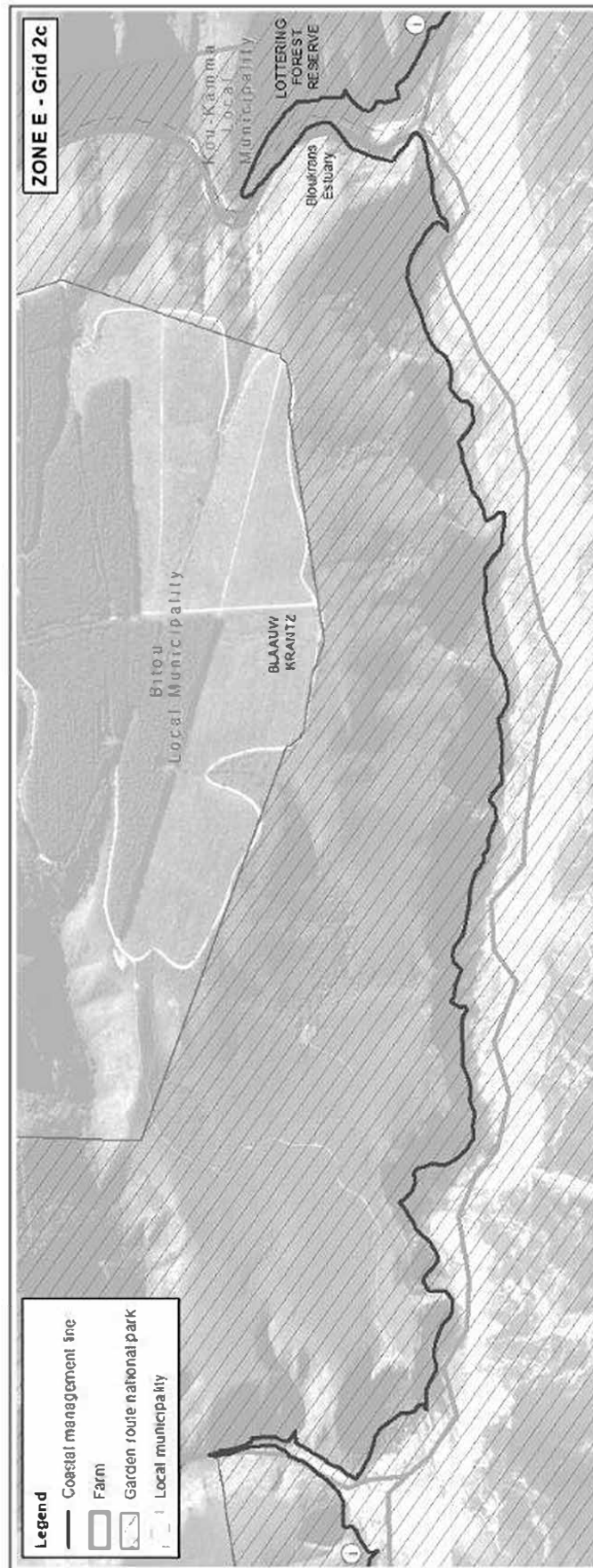


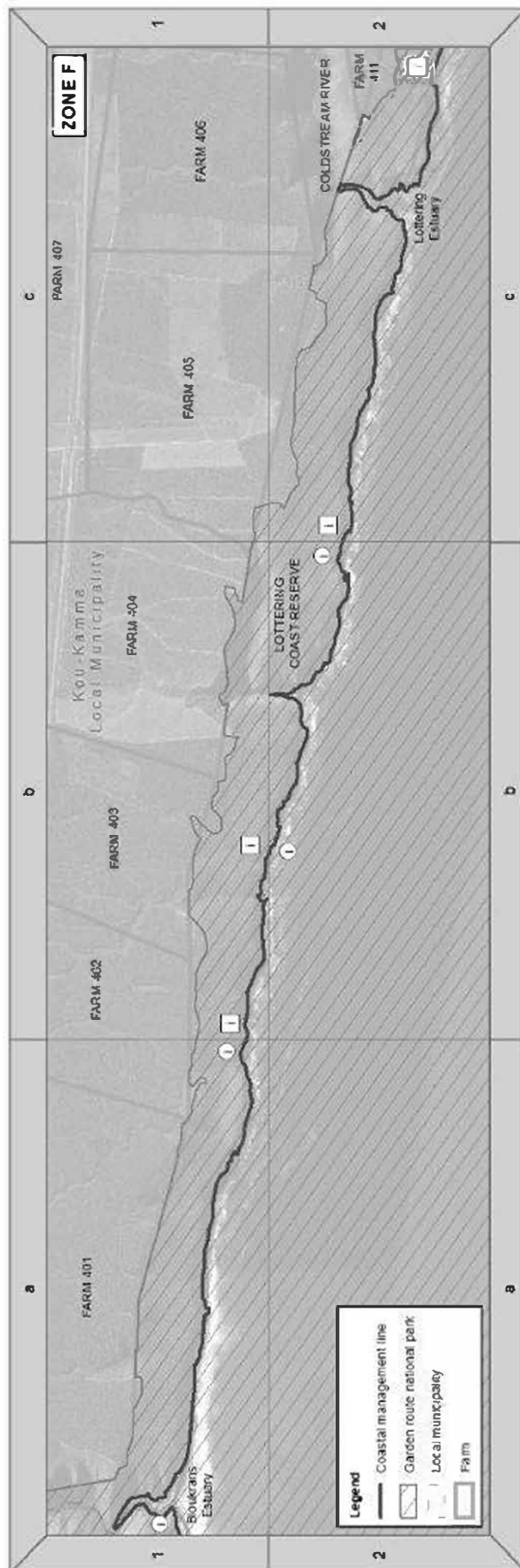


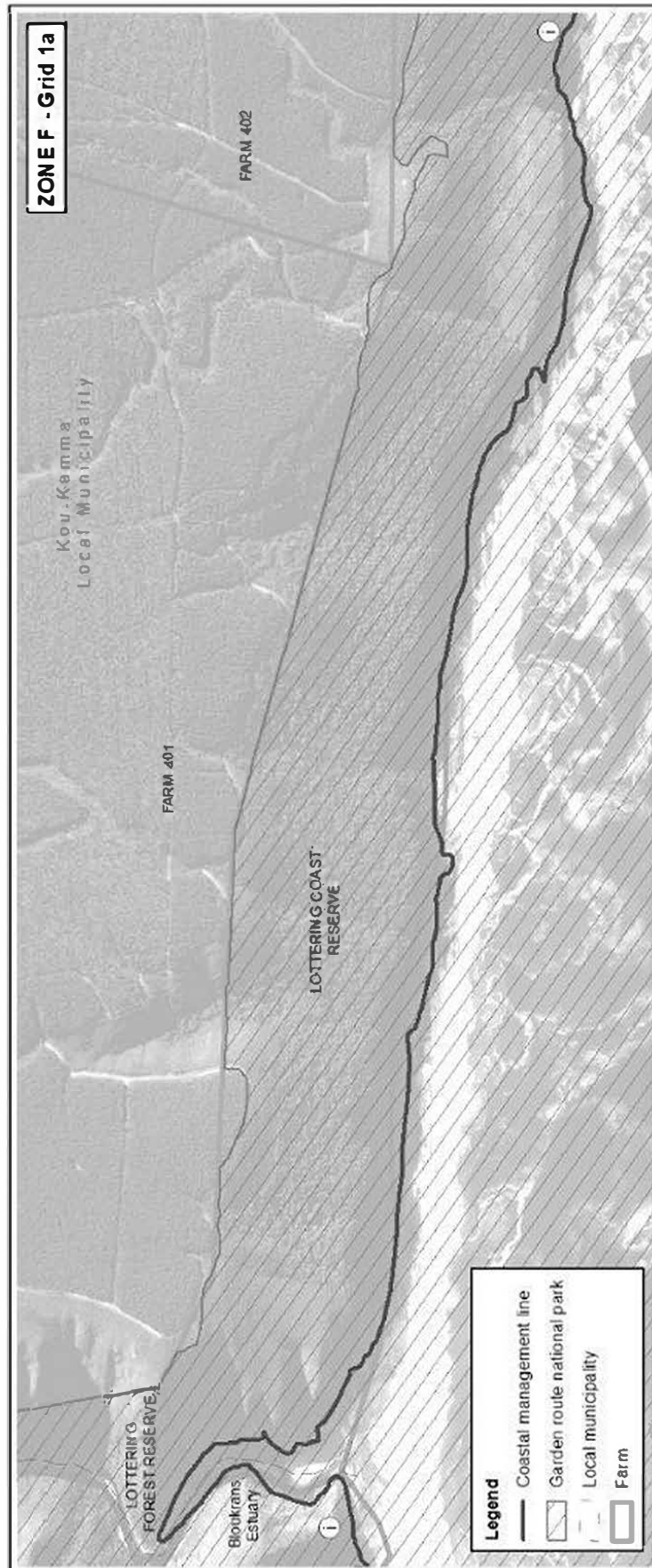


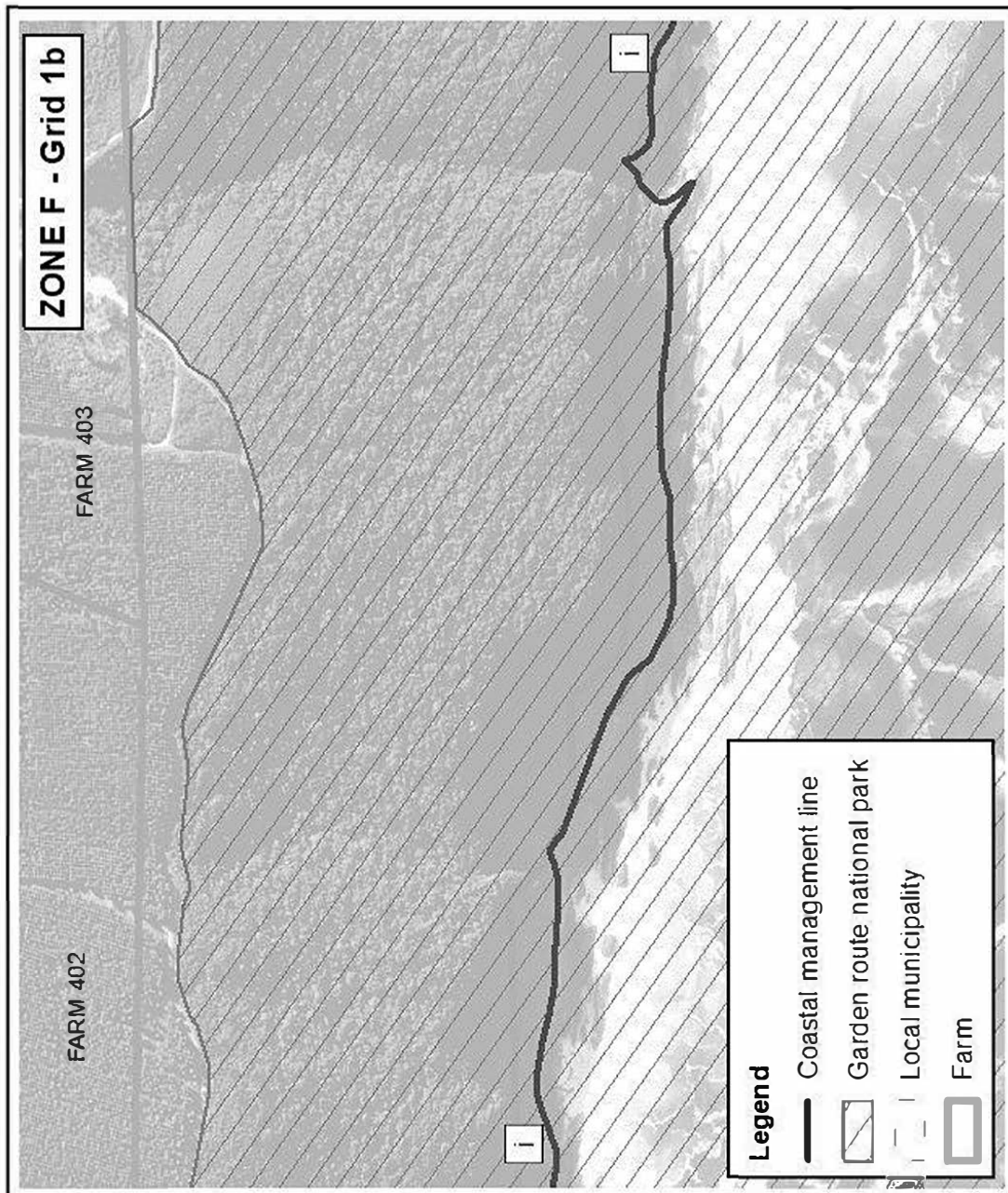


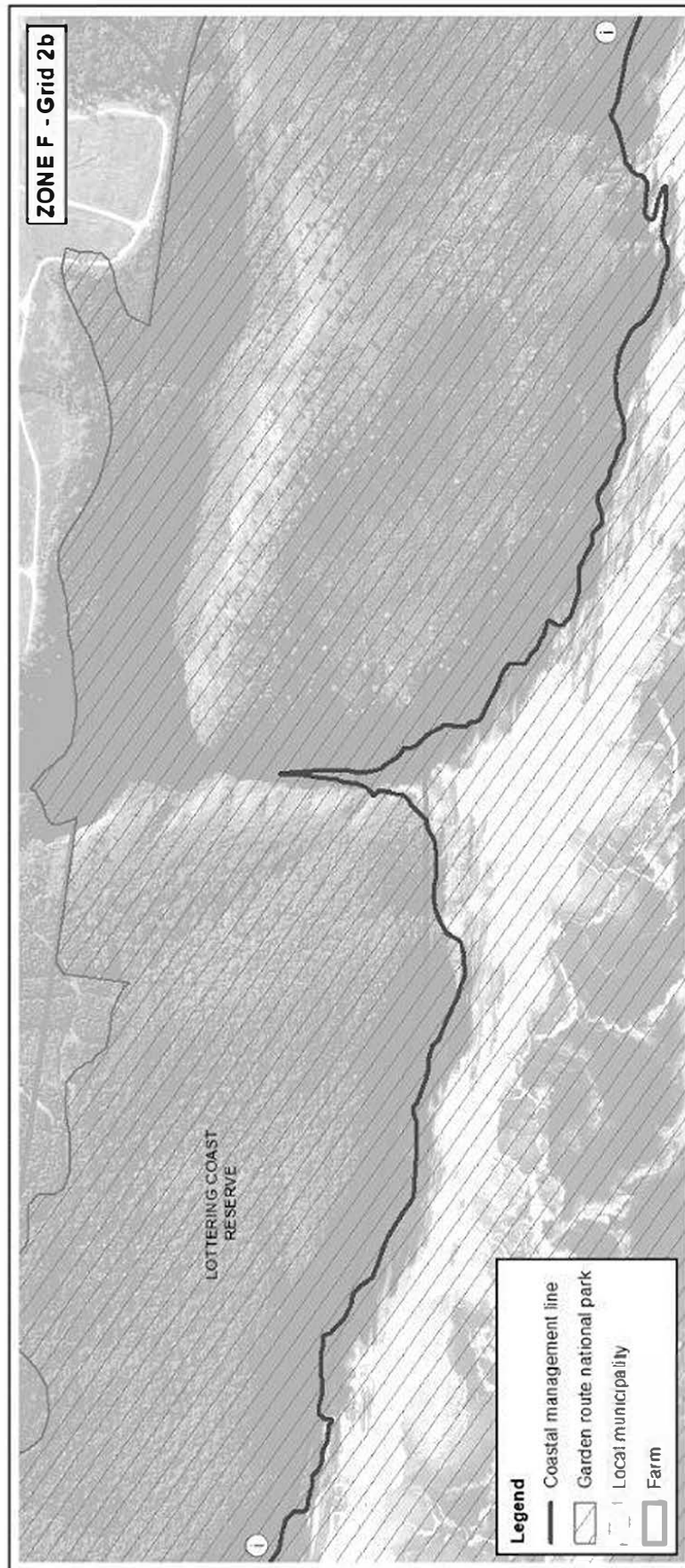


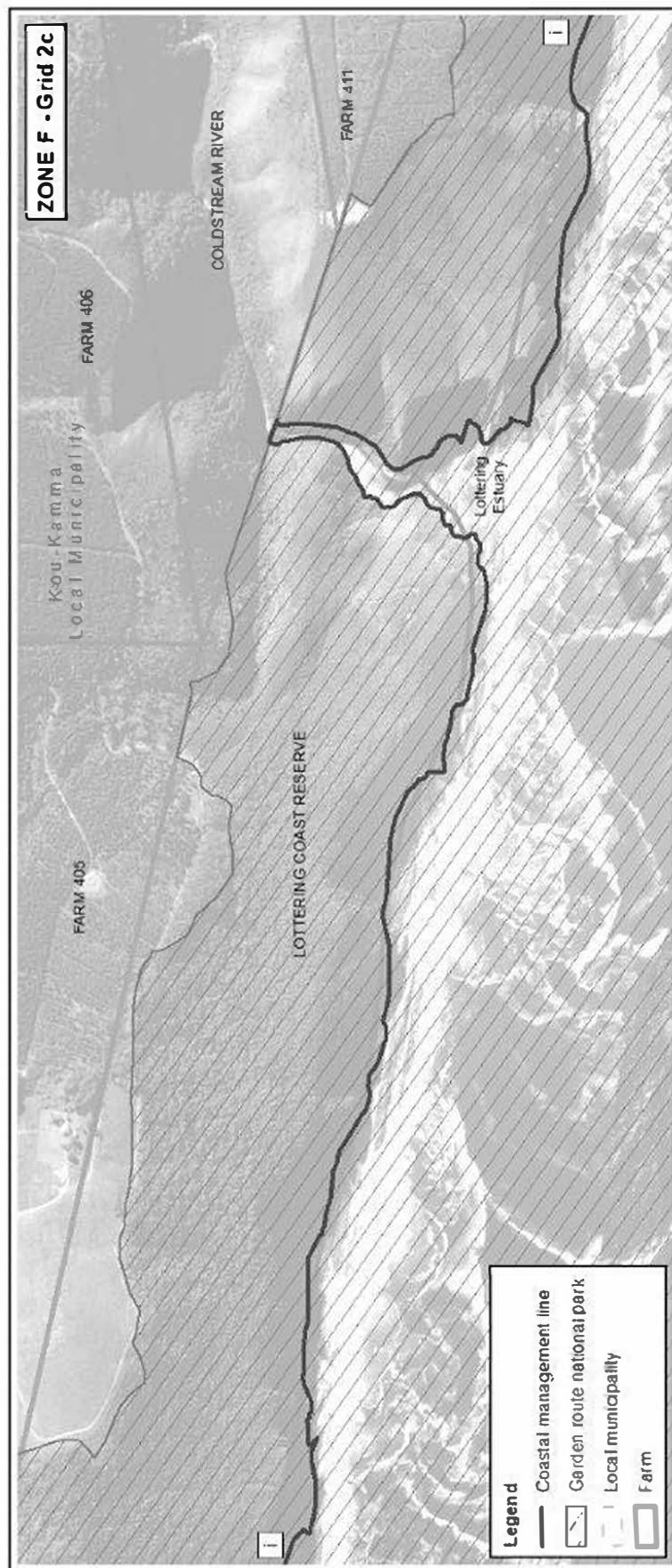


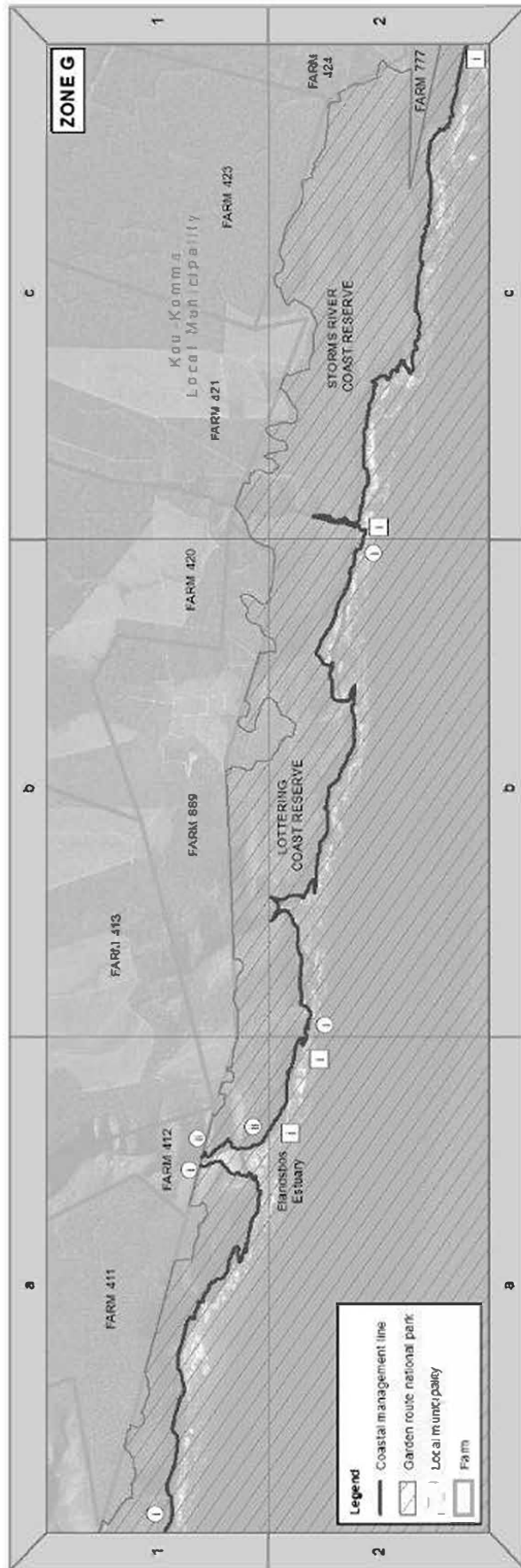


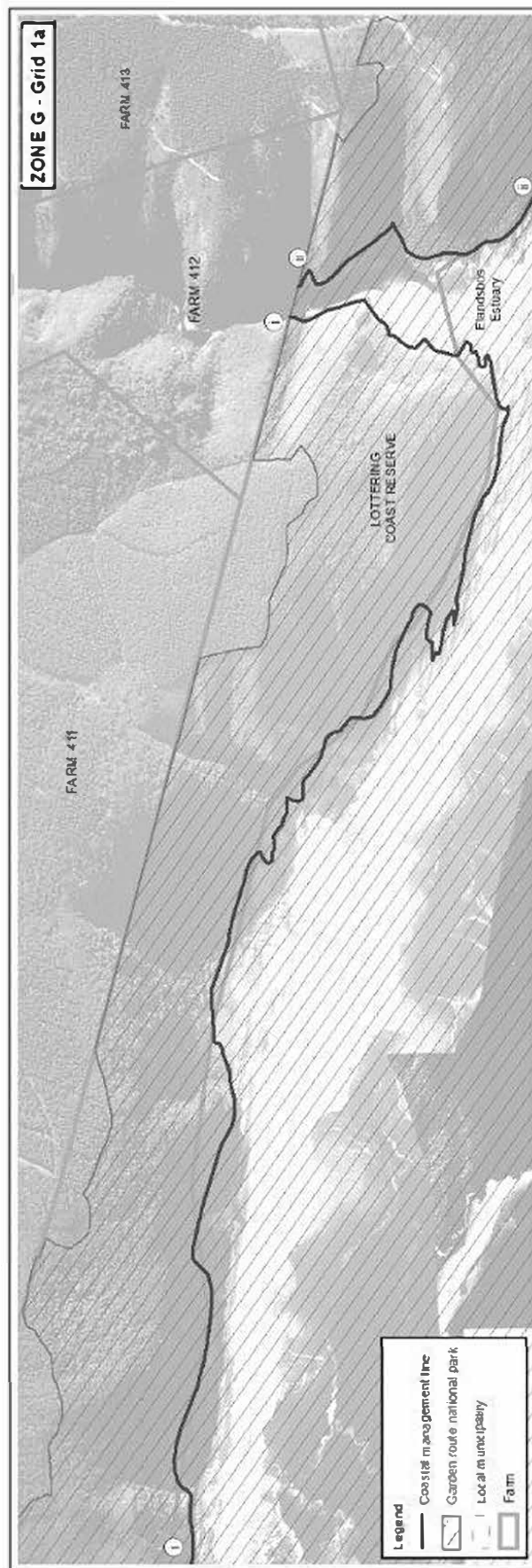


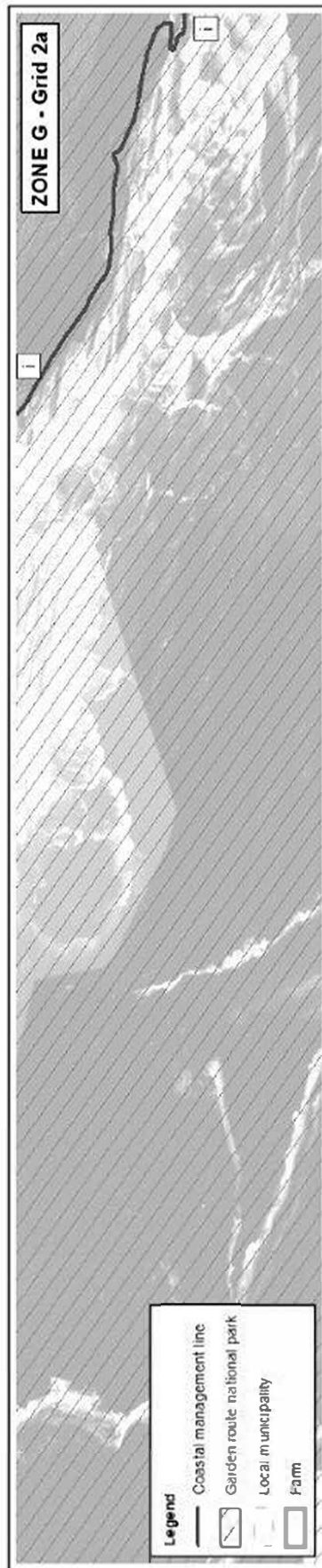


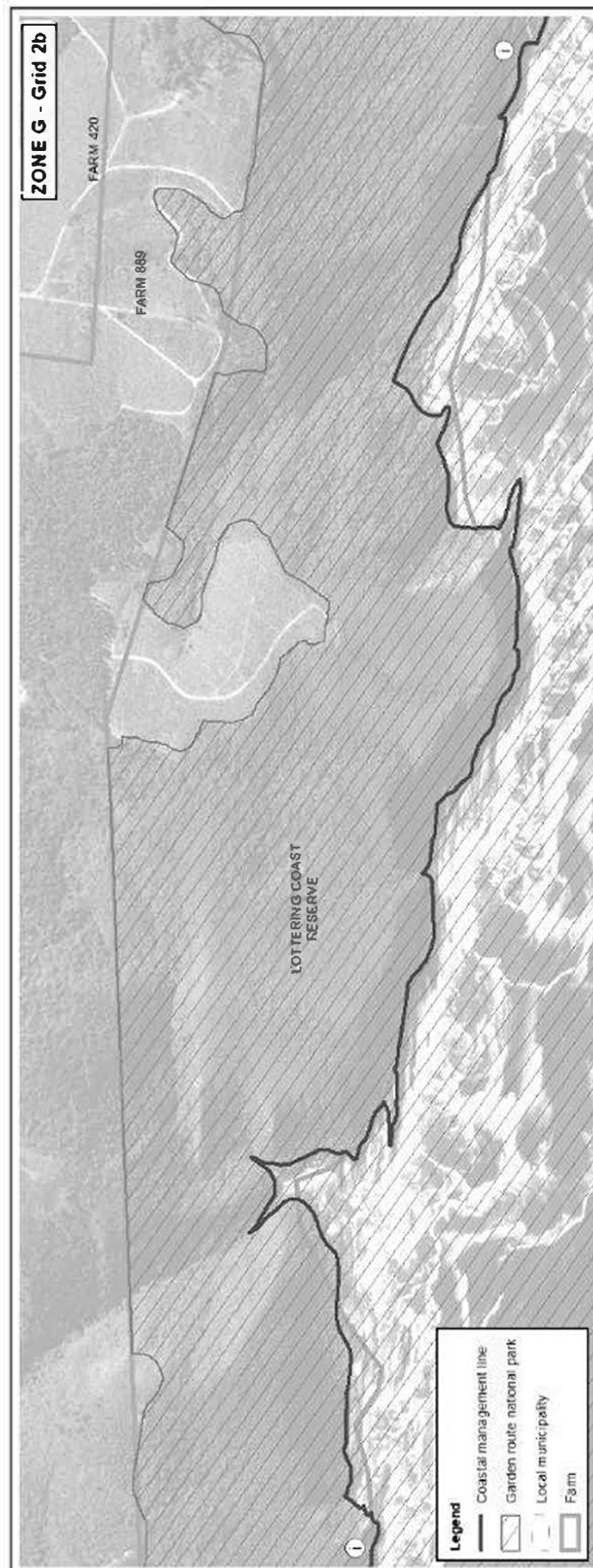


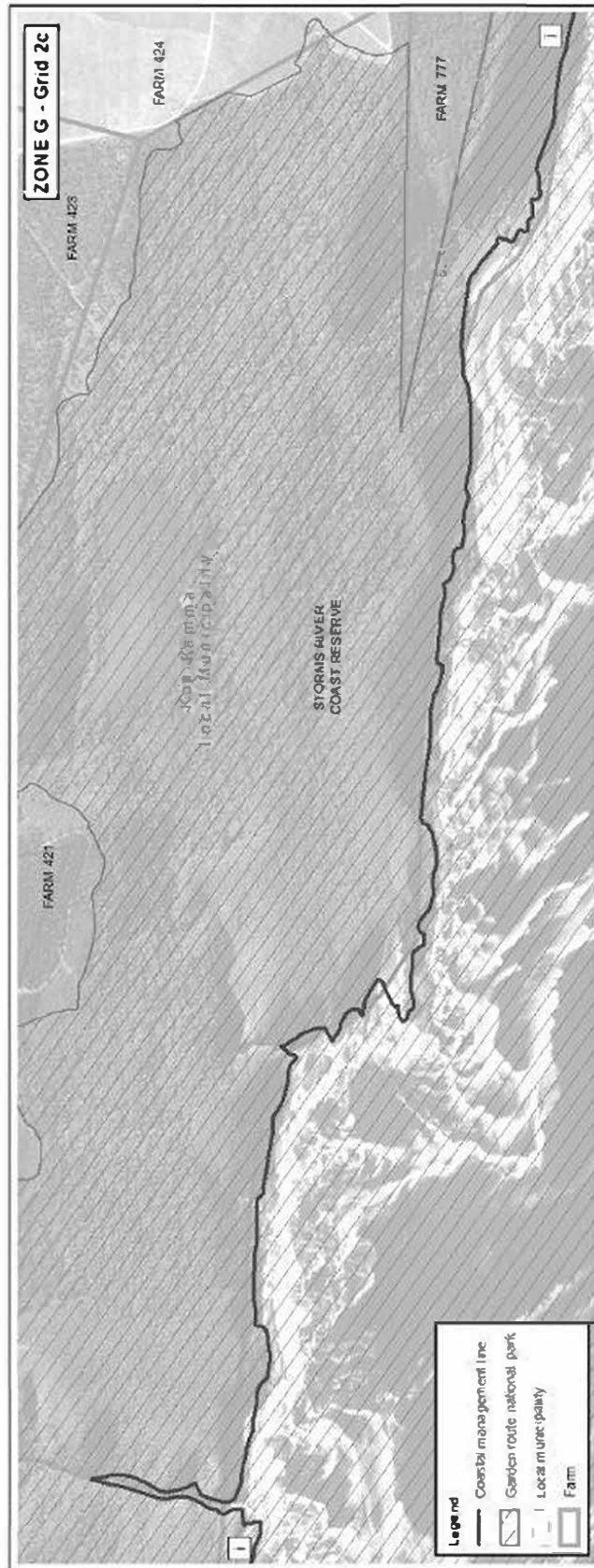


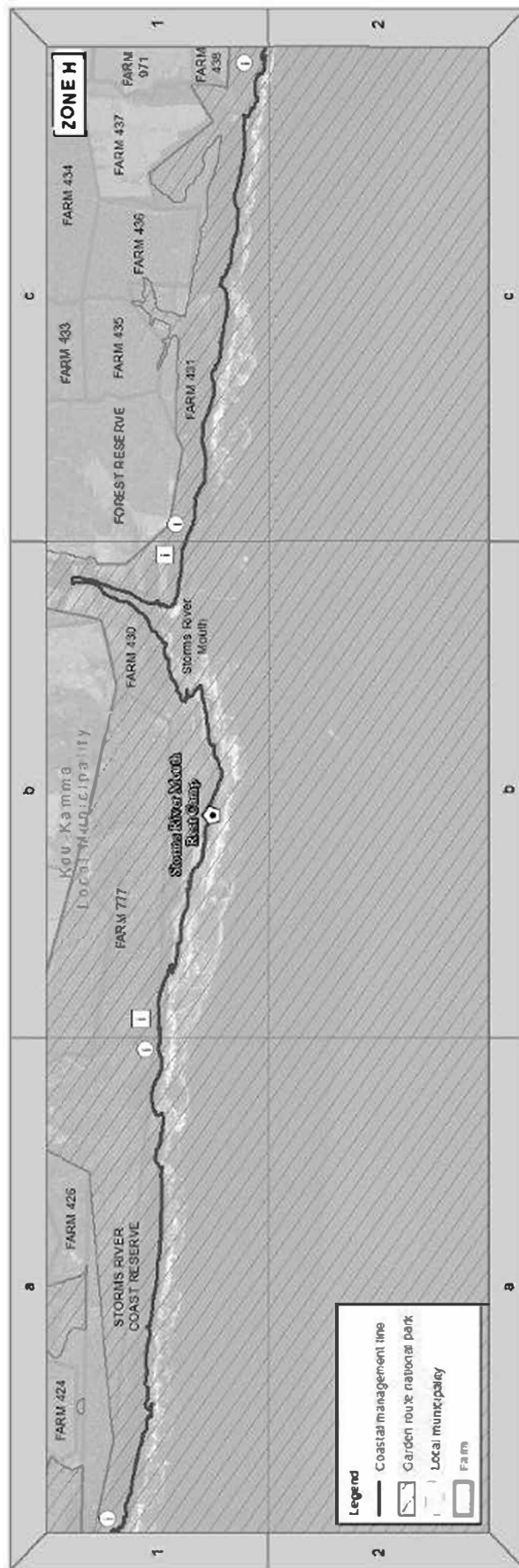


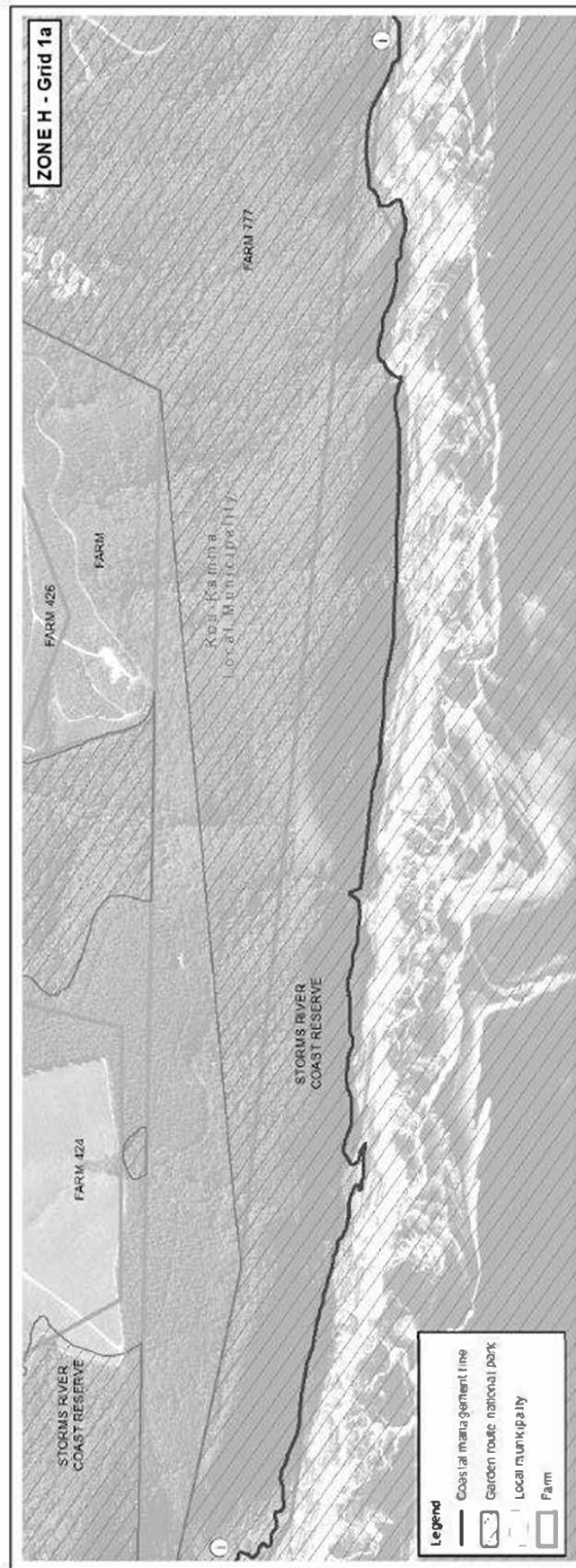


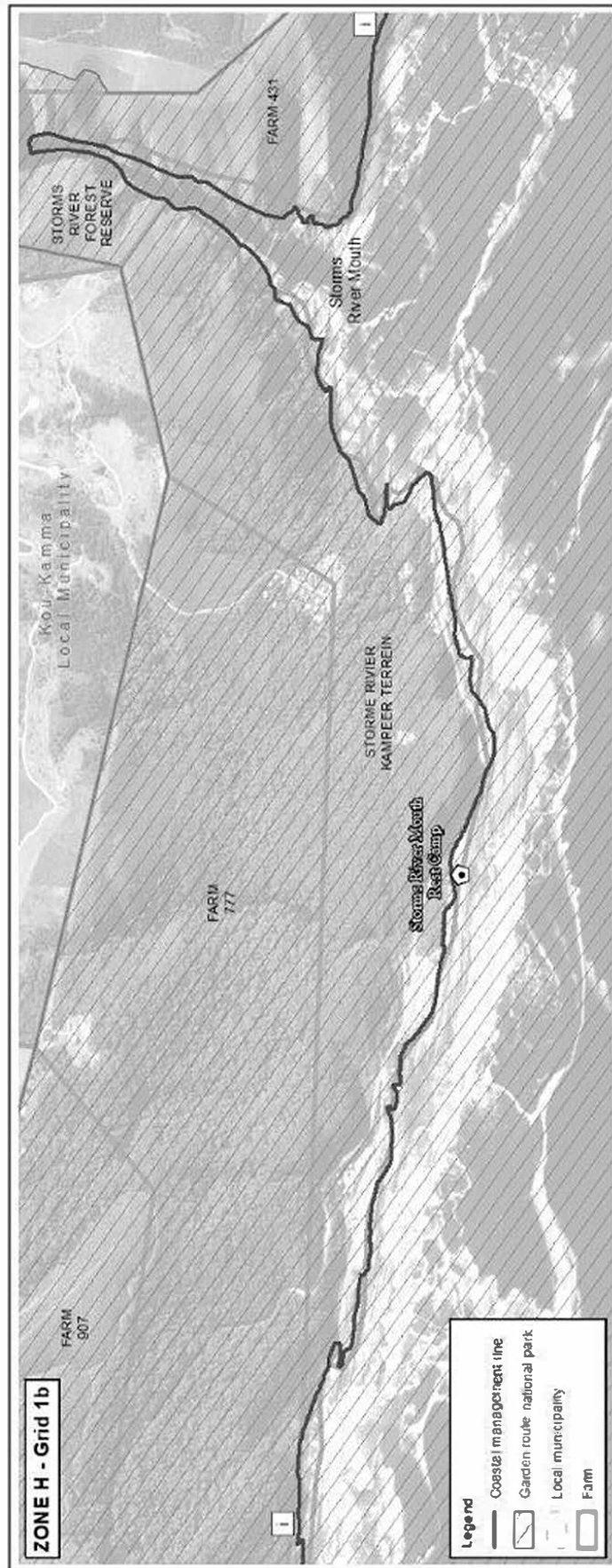


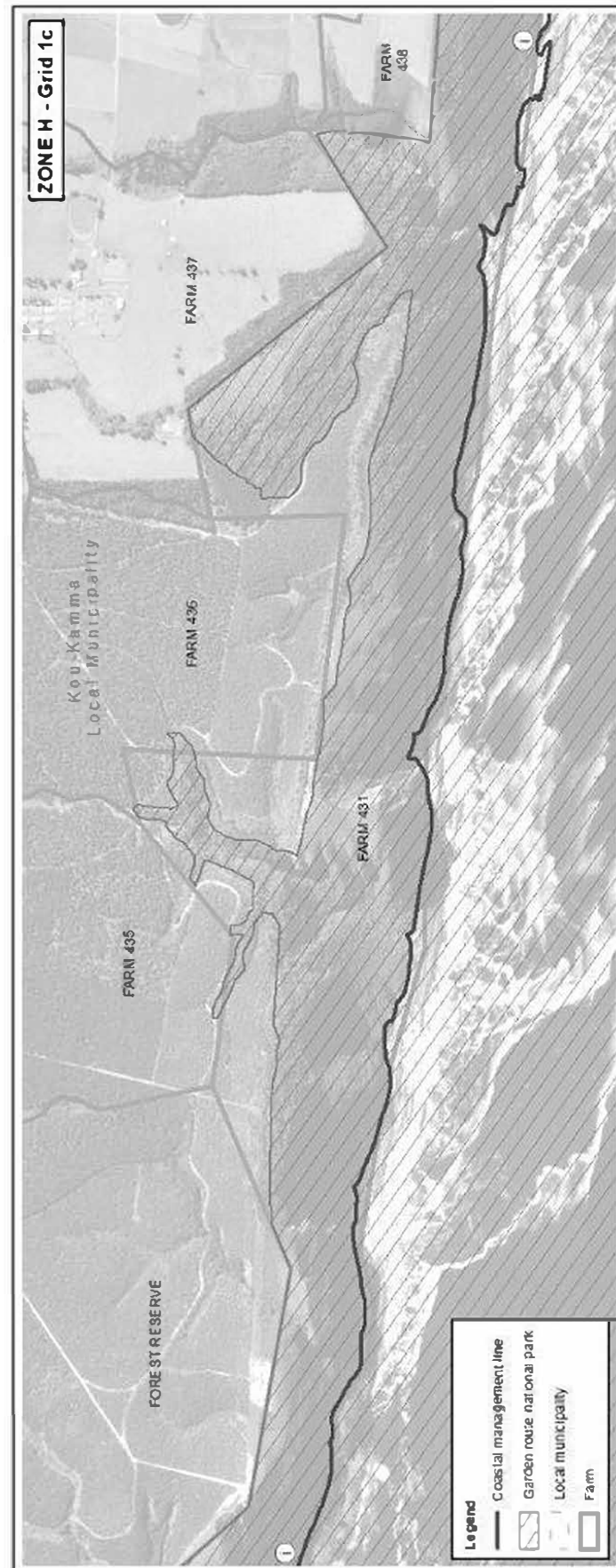


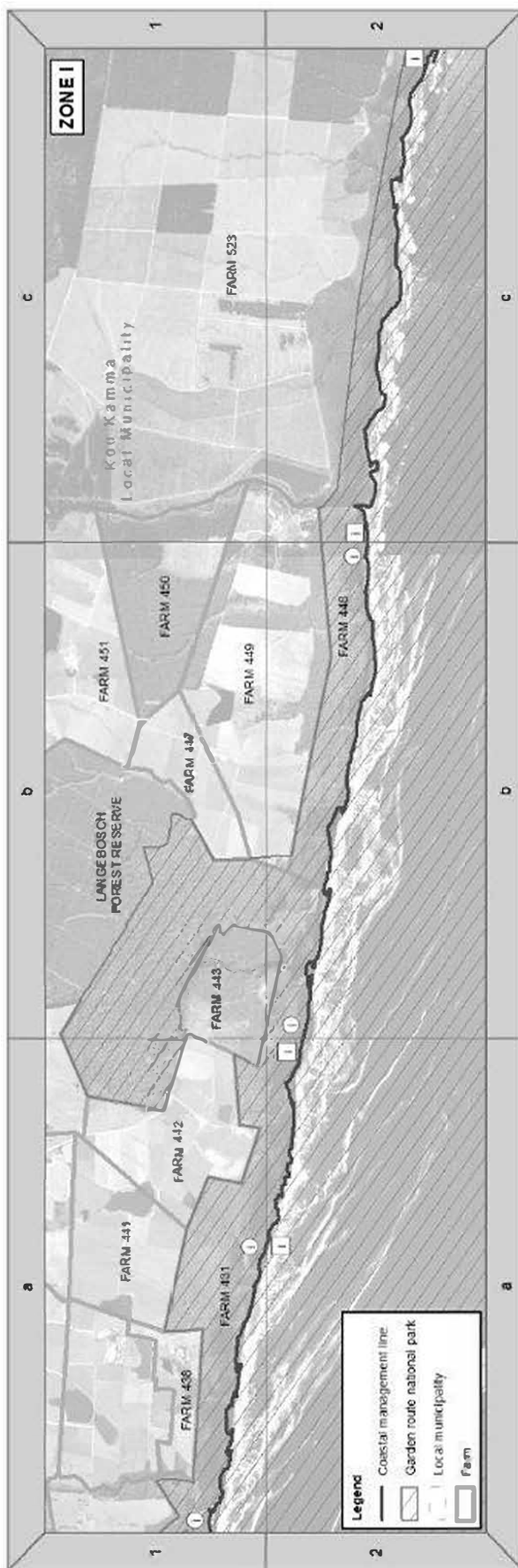


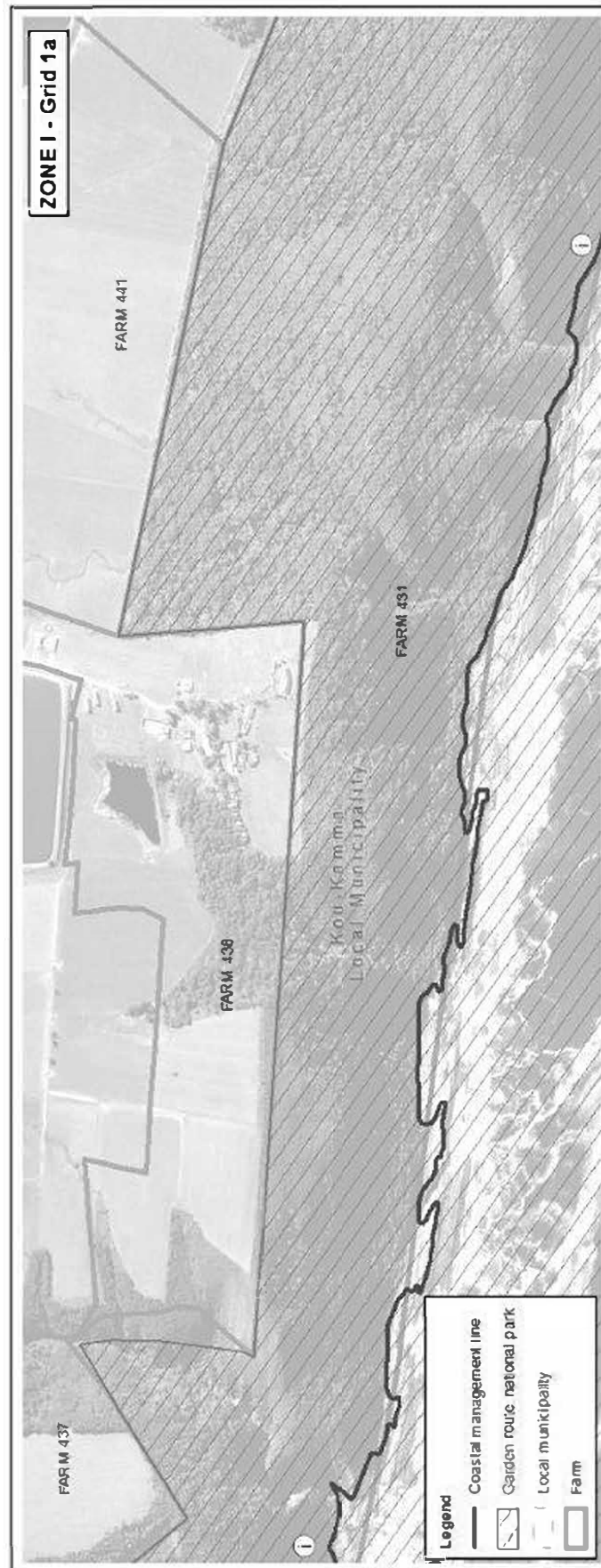


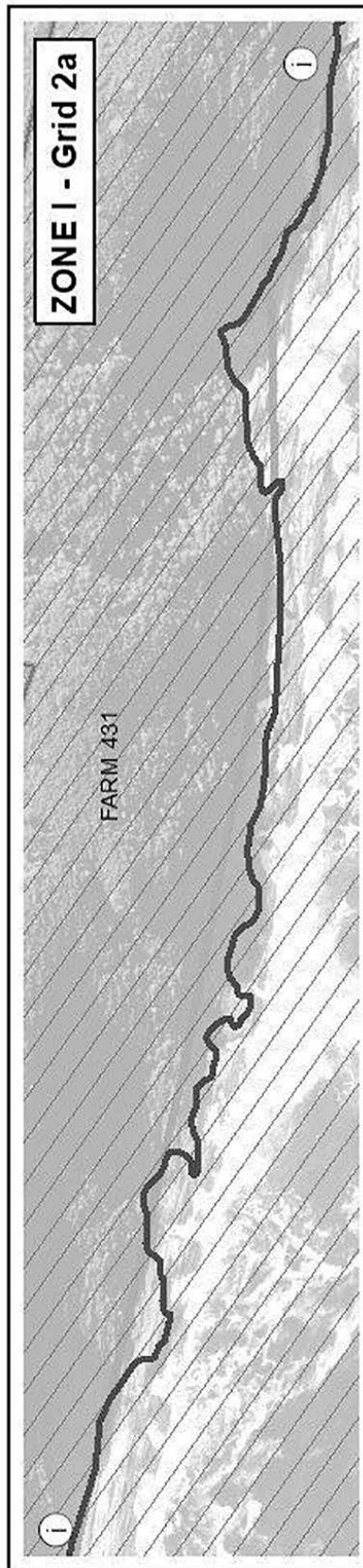


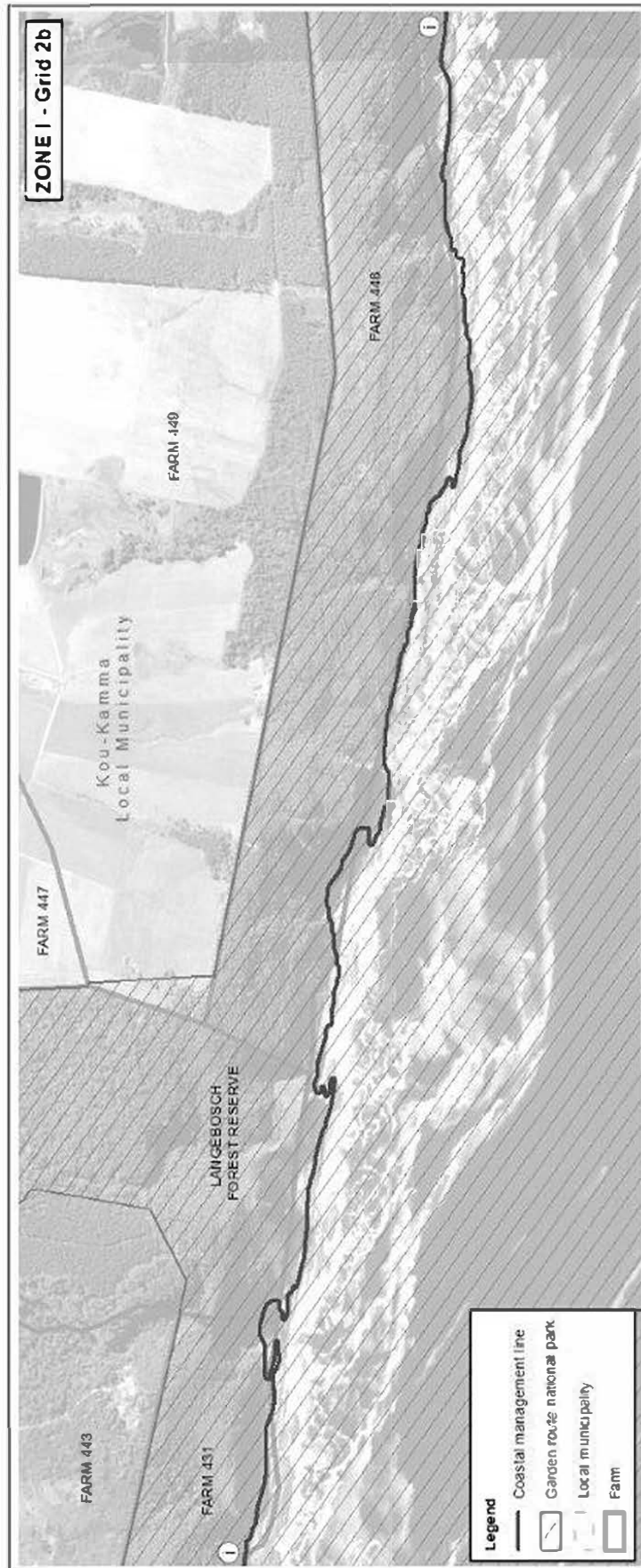


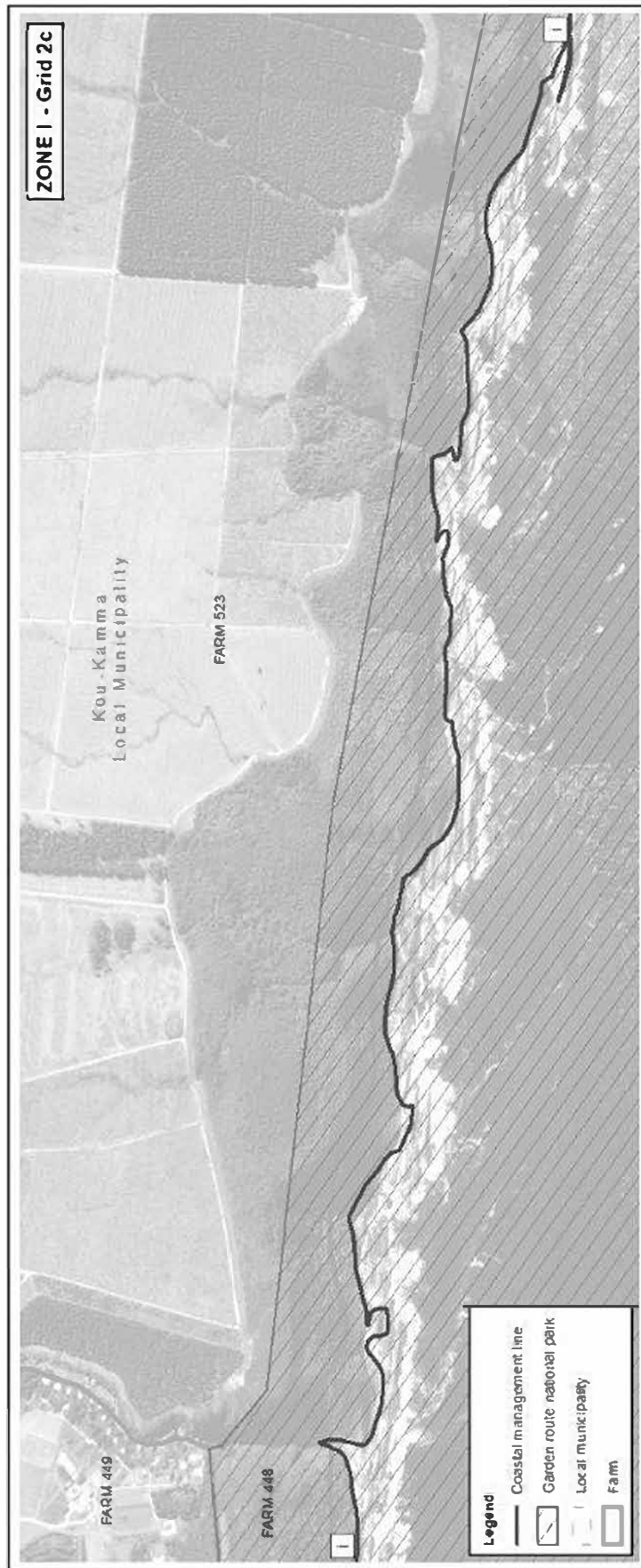


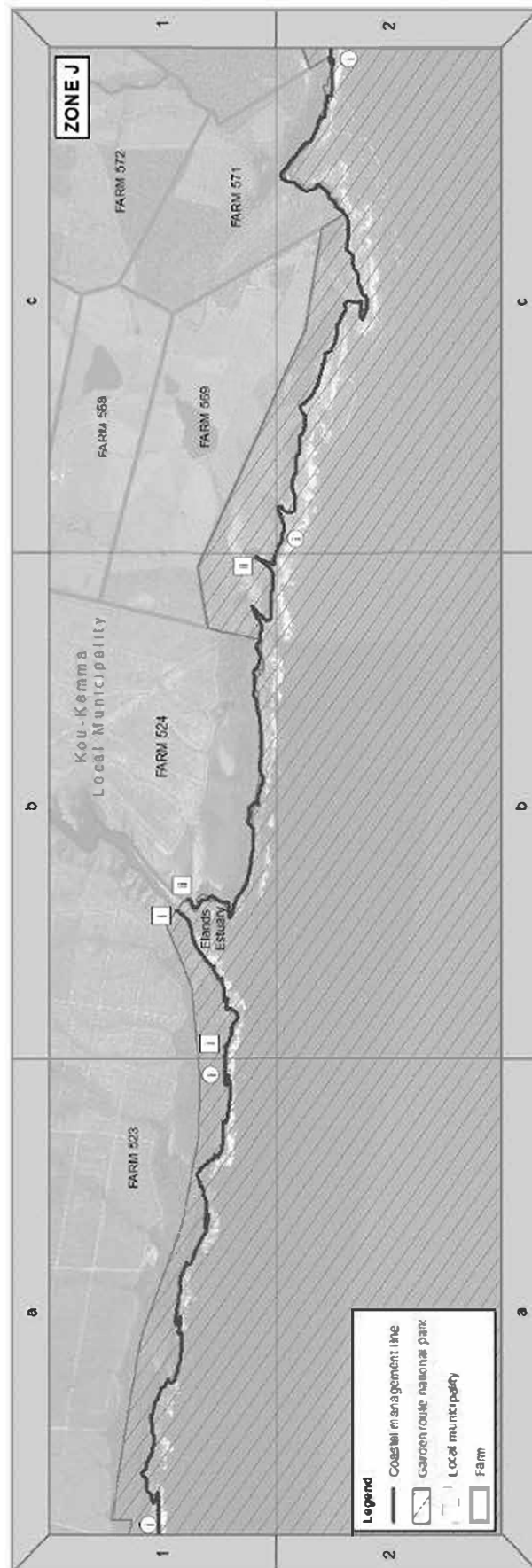


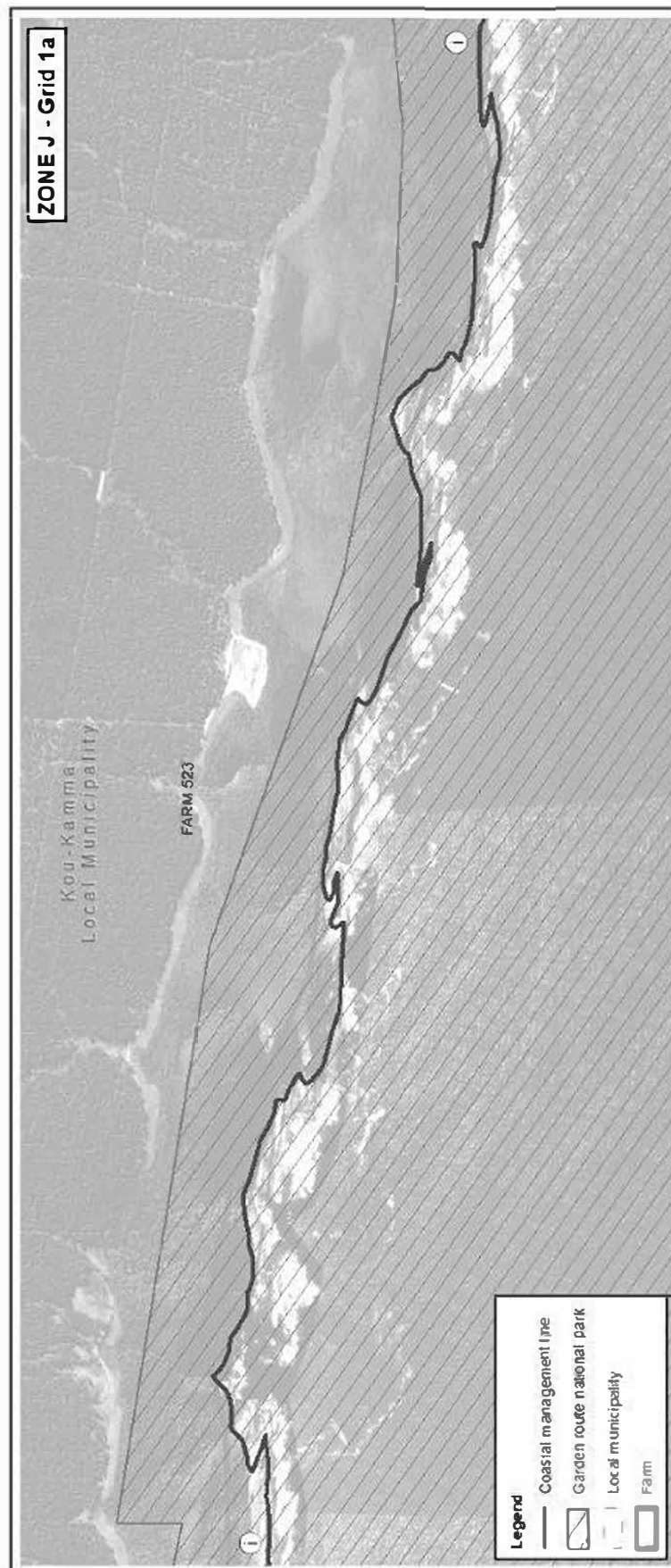


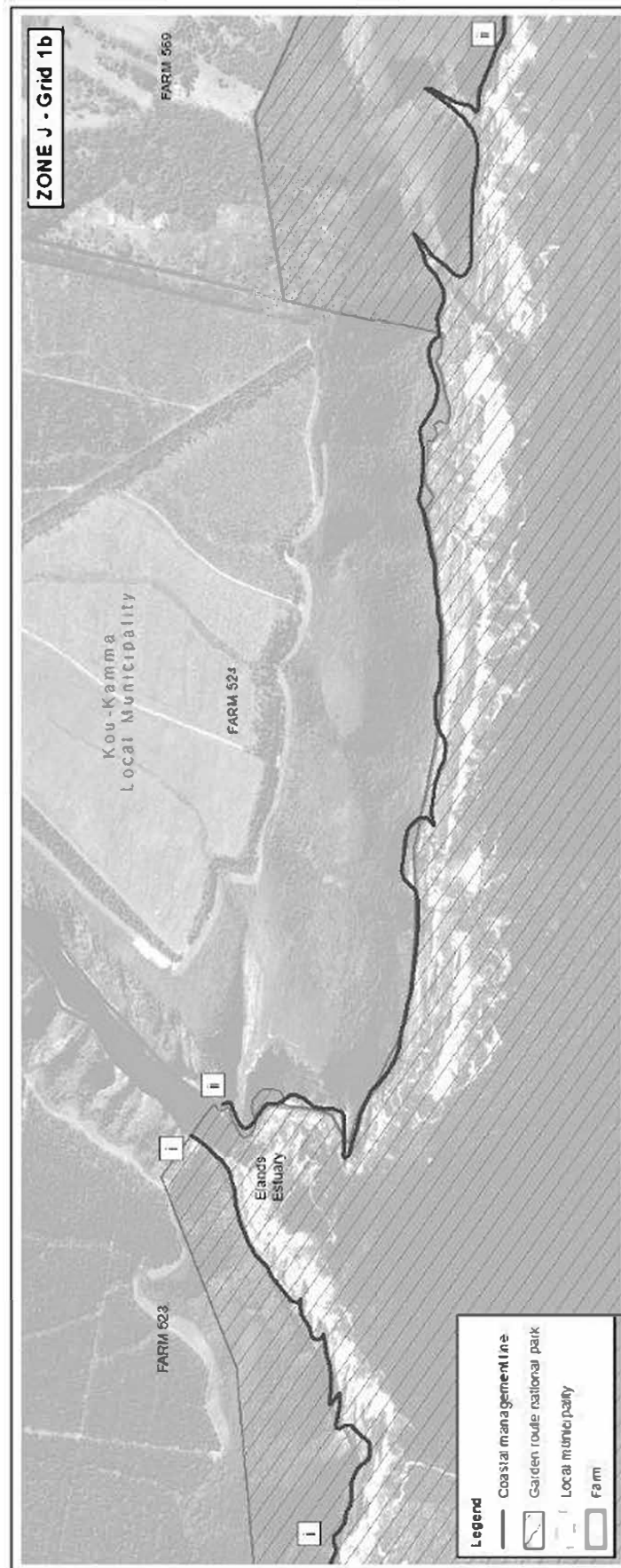


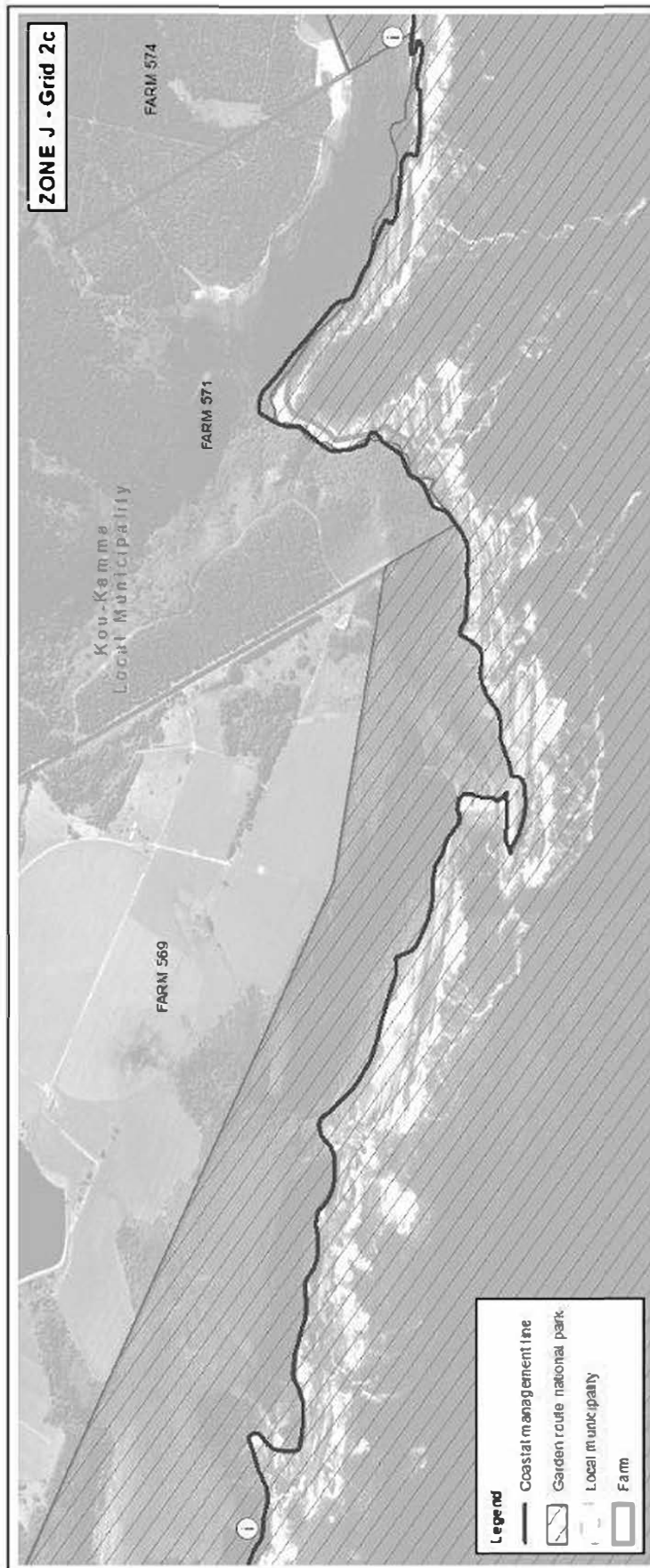


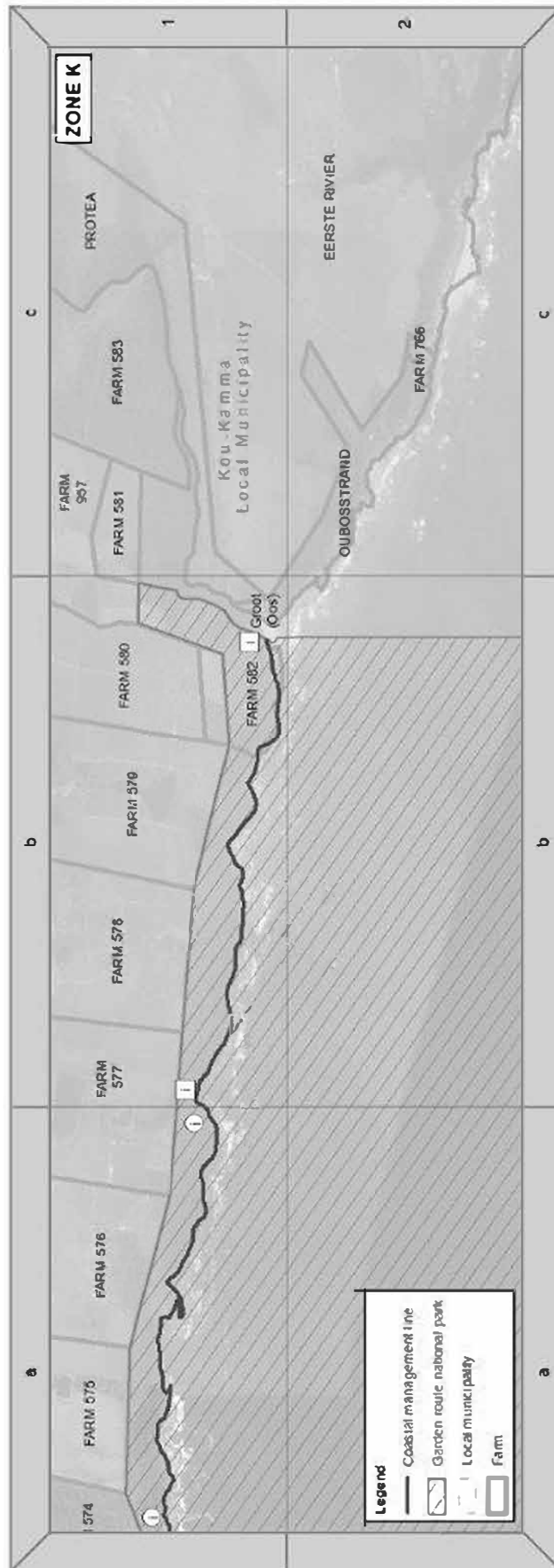


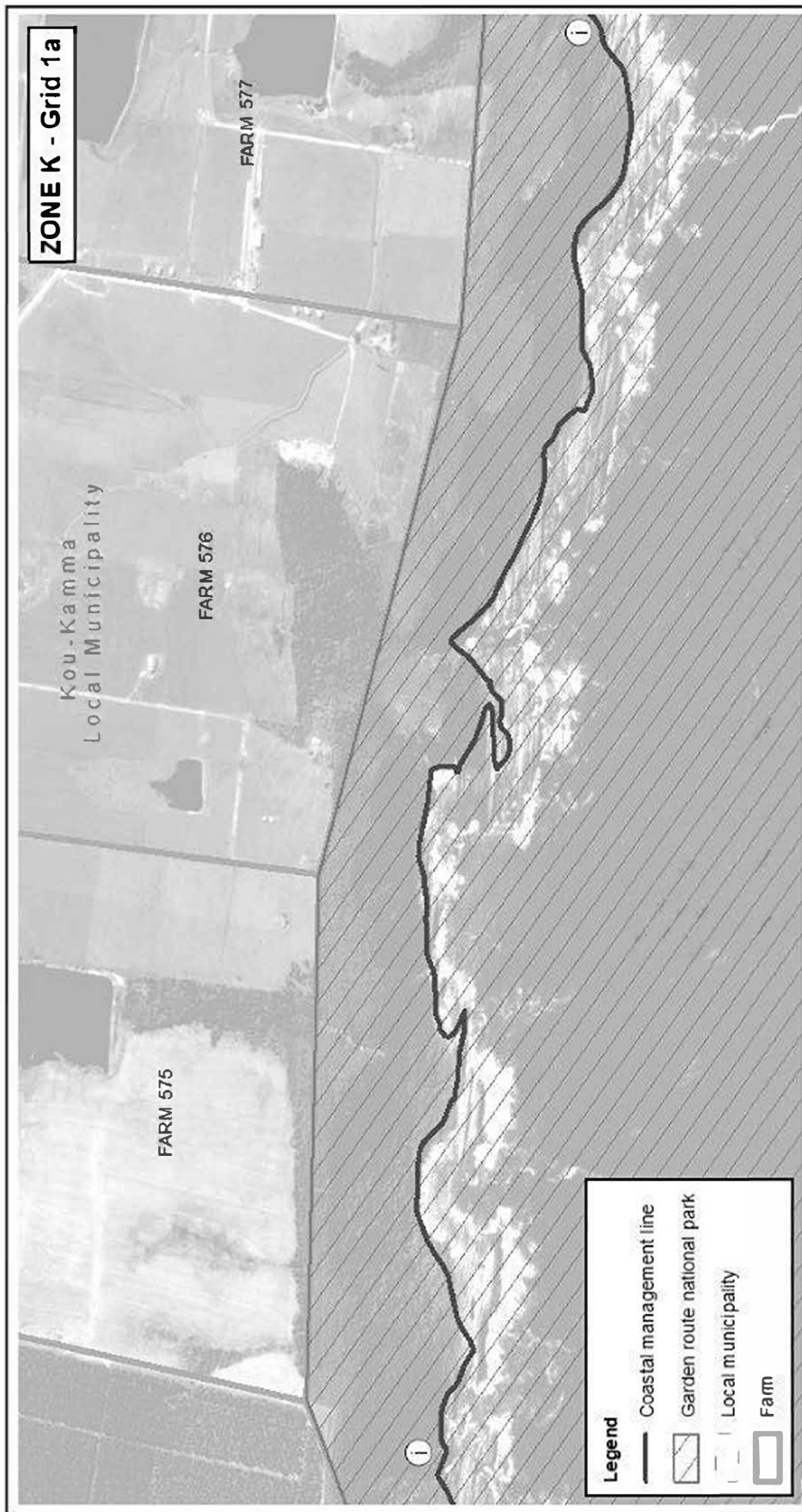


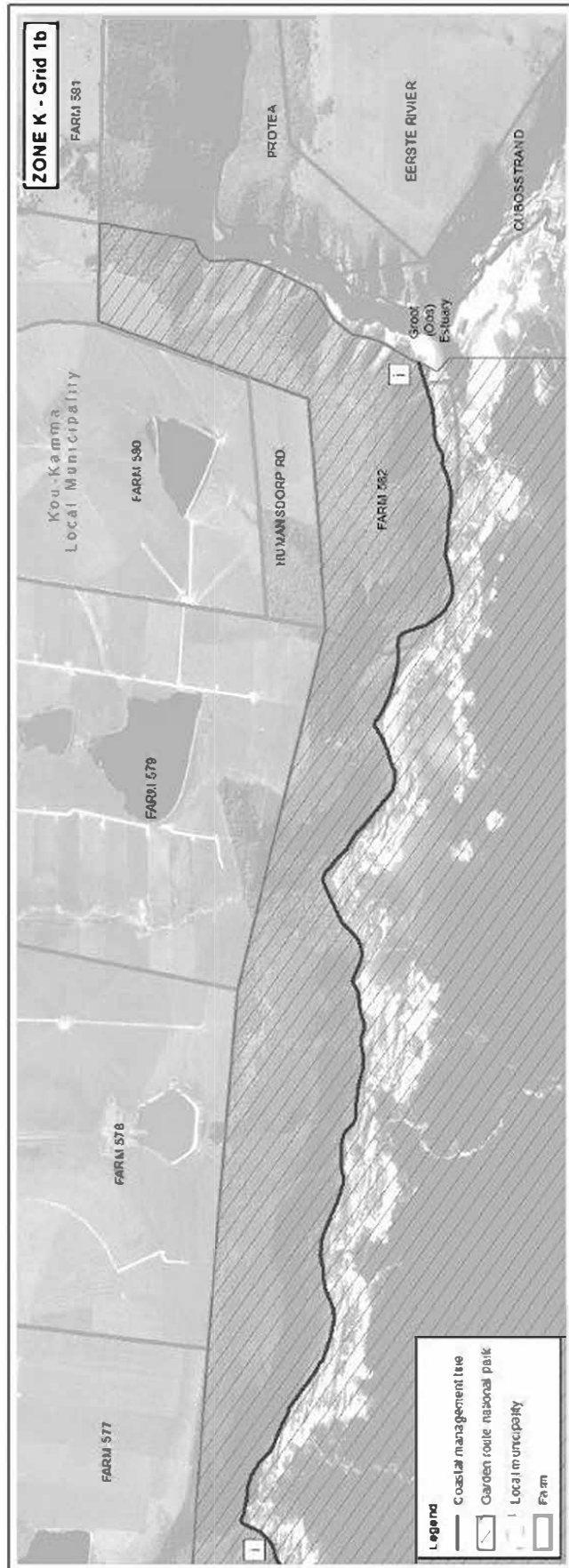












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