

CITY OF GREATER GERALDTON

COASTAL RESERVE ORIGINAL SURVEY

DATA AND SUPPORT MAPPING



Natural Area Access within Council Coastal Reserve System

Executive Summary

This report covers the current access being used by the community when access the beach and coastal river Reserves under management of the City of Greater Geraldton, and makes recommendation for retention of future walkways and vehicular access where they are considered suitable.

The report considered previous recommendations made by Consultants in their review of coastal access and their impact on environmental values, and considered any potential increase in water levels on existing infrastructure with possible future climatic changes.

Based on the field inspection and review of previous surveys, the recommendations in part two of this report covers the reserves managed by the City of Greater Geraldton and is provided with support information including GIS data sheets.

The recommended future access is intended to clarify the approved reserve access and to consider options to reduce the impact of increasing numbers of recreational vehicle traffic within the reserves remnant vegetation.

This report was requested by the Community Law and Safety manager of the City of Greater Geraldton to consider the current access used within the reserve system and to make recommendations that considered their suitability for retention or closure and rehabilitation.

Introduction

This Coastal and River Reserve Access Review March 2013, needs to be read in conjunction with the previous assessments that include: Coastal Processes Study (Worley Parsons 2010), and Geraldton Greenough Coastal Strategy and FMP, prepared by ATA Environmental for Council in 2005, and other coastal studies as there is valuable comparisons highlighting long term implications for the City from potential climate change.

Key recommendations in existing Management Plans have been incorporated into the plans in this document where specific beach access has been identified and the second map series of this document incorporates the recommendations for access closure and rehabilitation from all coastal surveys.

The list of references viewed as part of this reserve report is included at the end of this introduction.

There is a close synergy between planning coastal access to recreational infrastructure and the longer term implications of increased sea water levels associated with potential climate change on coastal infrastructure in the future.



The comprehensive summary, Section 6 in the report “Coastal Processes Study – Greys Beach to Sunset Beach”, prepared by Worley Parsons 2010 provides valuable insight into the long term implications of increased sea levels and the impact associated with that on annual beach erosion.

This 2013 survey focussed on reserves under the City of Greater Geraldton management only, and did not include other areas of undeveloped tenure along the coastal fringe.

A ground survey was carried out within the Council Reserves along the coastal interface that are vested in the City of Greater Geraldton, to ascertain how the areas were being access for recreational activities.

As a general overview the surveyed areas adjoining the ocean are under extreme pressure from an increase in recreation vehicle popularity and diversity of design, enabling access to areas considered previously as off limits to four wheel drive vehicles.

The survey categorised the beach access into three recreational classes, No vehicle Public access only, Vehicle access, and Recreation vehicle access were the area access was being used for off road driving.

Much of the area within the reserves is very fragile mobile sand dune with considerable movement of the exposed areas when strong winds impact these locations. It is this sand movement that makes the maintenance of coastal access difficult. The terrestrial interface with the beach is sparsely covered with remnant vegetation that is showing sever stress and damage from high traffic activity, as a resultant sand movement in many areas off the designated access is blowing into the access.

The results of the survey indicated many of the No vehicle public access only beach pathways are severely impacted upon by moving sand, making access to the beach difficult for family groups and extremely difficult for seniors. In a number of locations beach access is impossible for anyone with mobility problems.

The amount of 4 x 4 vehicular traffic on beaches that are designated No vehicle public access only was found to be very few during the survey, and in most cases it was quad bike access rather than four wheel drive vehicle.

There is a need to review and revamp some of the coastal signage as some areas with boat launching access signage need clarification and new signs specifying beach access only rather than specific boat launching .

Survey Methodology

An extensive ground survey was carried out within each of the coastal reserves gazetted under management of the City of Greater Geraldton to evaluate all existing access currently in use.

The survey was carried out using the following methodology:



- Maps of each coastal Reserve were prepared
- Reference points for each beach access point was established
- Recording data sheets prepared to log field information
- A ground survey of each Reserve was carried out on foot
- Access in use and condition of each beach access was recorded
- Where severe damage was found photographic evidence was captured
- Actual access location recorded on each map sheet with reference legend
- Field data sheets uploaded into a computer data set for use by GIS Officer to prepare survey result Map Sheets
- Draft map sheet prepared for approval of the format and information capture
- Final Map Sheet for each reserve prepared with a supporting information summary

All reserves adjoining water ways with Council Reserves were surveyed and results included in the data set.

References:

The following documents support and are relevant to this Access Review.

- *Coastal Processes Study – Greys Beach to Sunset Beach*
Worley Parsons resources & energy
(Valuable climatic implications - SECTION 6 SUMMARY)
- *Geraldton Natural Areas Bushland Condition Assessment*
Ecoscape (Australia) Pty Ltd 7698 – 2599 – 11R1
- *Natural Areas Local Law DRAFT ONLY (NOT FOR PUBLIC RELEASE)*
Ferart Design July 2012
Geraldton Greenough Coastal Strategy and FMP
- ATA Environmental - Version 4. 16 February 2005
(Valuable vegetation status as at February 2005)



- *Chapman River Regional Park Management Plan*
(Recommendation number 6 also recognised illegal access as major threat)
- *Chapman Regional Wildlife Corridor Project*
Jenna Brooker April 2001
- *Coastal Foreshore Management*
Between Separation Point and African Reef - November 2005
Endorsed ORV access at – Separation Point
- *Shaping the Future*
Beresford Foreshore Coastal Protection Enhancement Project
Cardno March 2012
- *Sunset Beach Coastal Development*
Downings Legal Ref – BKC 20081462 – 649137 2007-08
Maunsel – Wheelans Australia Pty Ltd

Sunset subdivision not part of the Reserve Survey



INDEX – COASTAL ACCESS SURVEY DATA

Introduction and Survey Methodology

Reference Literature and Support Information

Maps and Support Summaries

MAP NUMBER	RESERVE NUMBER BY MAP SHEET
MAP 001	R - 24738 R - 40581 R - 43360
MAP 002	R - 27322 R - 41198
MAP 003	R - 20127 R - 23177
MAP 004	R - 5660 R - 42069
MAP 005	R - 50100
MAP 006	R - 29729
MAP 007	R - 2562
MAP 008	R - 27529
MAP 009	R - 20195
MAP 10	R - 42292
MAP 11	R - 39738
MAP 12	R - 20995 R - 24420
MAP 13	R - 1088 R - 7276 R - 28653
MAP 14	R - 8613 R - 37333
MAP 15	R - 17001 R - 27553 R - 28176
MAP 16	R - 1858 R - 15207 R - 21614
MAP 17	R - 33683
MAP 18	R - 33732 R - 42580 R - 49729
MAP 19	R - 33732 R - 43279
MAP 20	R - 44864





INDEX – AMENDED COASTAL SURVEY DATA MAPS

*Maps with amended access where closure is recommended

MAP NUMBER	RESERVE NUMBER BY MAP SHEET
MAP 001	R - 24738 R - 40581 R - 43360
MAP 002*	R - 27322 R - 41198
MAP003	R - 20127 R - 23177
MAP004	R - 5660 R - 42069
MAP005	R - 50100
MAP006	R - 29729
MAP007*	R - 2562
MAP008*	R - 27529
MAP009	R - 20195
MAP010	R - 42292
MAP011	R - 39738
MAP012*	R - 20995 R - 24420
MAP013*	R - 1088 R - 7276 R - 28653
MAP014	R - 8613 R - 37333
MAP015	R - 17001 R - 27553 R - 28176
MAP016	R - 1858 R - 15207 R - 21614
MAP017	R - 33683
MAP018	R - 33732 R - 42580 R - 49729
MAP019	R - 33732 R - 43279
MAP020	R - 44864

COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1. Unpaved Crude Road	Vehicle and Public Access	Vehicles accessing fourth of "No vehicles past this point"
2. Waterfalls Circle	No vehicles - Public Access Only	Flat beach access sandy
3. Adjacent to Bayville Water Tower (Leach Reserve)	No vehicles - Public Access Only	Sandy beach access
4. Gravel Parking Area	No vehicles - Public Access Only	Good beach access
5. John Batten Rd	Recreation Vehicles - Public Access Only	Beach access over rubble
6. South of John Batten Rd	Vehicle Access - Road Ramp	Need signage installed
7. Hunter Street	No vehicles - Public Access Only	Low on Surf Place
8. Cotton Place	No vehicles - Public Access Only	Settlement access on beach
9. Taline Street	No vehicles - Public Access Only	Settlement access to beach
10. Seacrest Way	Vehicle Access - Road Ramp	Vehicles accessing the beach south of the Road Ramp
11. Smugglers Pass	No vehicles - Public Access Only	Beach access from the Carpark
12. Opposite No. 27 - 117512 Beach Drive	Vehicle and Public Access	Flat beach access
13. Glenfield Beach	Vehicle and Public Access	Flat, firm beach access
14. Carpark Beach Access	Vehicle and Public Access	Several locations with no vehicles access the beach from Carpark

* Work in this location can be improved by sheeting with access.

LEGEND

- Public Access Only
- Public Access Only (via Private Property)
- Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated

Disclaimer: Whilst all care has been taken in the preparation of this data, this information is provided as a guide only and no responsibility shall be taken for any omissions or errors in this document. The accuracy provided is not to be used for legal purposes. All references made to original documents, such as the Traffic Signs, Survey Diagrams and legal variables of the Town Planning Schemes.



Also produced by the City of Greater Geraldton
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R24738 R40581 R43360

Scale 1:5000

Date: 28/09/13
 Department: CUS
 Drawing No: MAP001 (A)
 Operator: RST
 Sheet Size: A4



COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Drummond Cove Road	Vehicle and Public Access	Vehicles accessing north of "No vehicles past this point"
2 Waterfront Circle	No Vehicles - Public Access Only	Flat beach access sandy
3 Adjacent to Bayview Waterfront (Lush Reserve)	No Vehicles - Public Access Only	Sandy beach access
4 Gravel Parking Area	No Vehicles - Public Access Only	Good Beach access
5 John Batten Mt2	No Vehicles - Public Access Only	Beach access over rubble
6 South of John Batten Mt2	Vehicle Access - Boat Ramp	Rined up ramp required
7 Hester Street	No Vehicles - Public Access Only	Submer Soft Place
8 Bayview Place	No Vehicles - Public Access Only	Settlement access to Beach
9 Taylor Street	No Vehicles - Public Access Only	Settlement access to Beach
10 Seacrest Way	Vehicle Access - Boat Ramp	Vehicles accessing the beach south of the Boat Ramp
11 Sluggers Pass	No Vehicles - Public Access Only	Beach access from the Carpark
12 Opposite No. 22 Glenfield Beach Drive	Vehicle and Public Access	Flat beach access
13 Glenfield Beach	Vehicle and Public Access	Flat, firm beach access
14 Carpark Beach Access	Vehicle and Public Access	Several locations where vehicles access the beach from Carpark

- Walk trail at location 12 can be improved by shoring with seaweed.



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R24738 R40581 R43360

Scale 1:5,000

Date: 26-Feb-13
 Department: C&S
 Drawing No: MAP001 (B)
 Operator: FJT
 Paper Size: A4

RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP001

R24738	<i>Drummond Cove Leases (Beach Cottages)</i>
Purpose:	Private Dwellings and Recreation
Vesting:	Shire of Greenough
Location:	Victoria Loc 12820
Class:	C

R40581	<i>John Batten Hall/Whitehill POS</i>
Purpose:	Recreation and Community Purposes
Vesting:	Shire of Greenough
Location:	Victoria Loc 11757
Class:	C

R43360	
Purpose:	Recreation and Foreshore Protection
Vesting:	Shire of Greenough
Location:	Victoria Locs 12022 & 12399
Class:	C

RESERVE DEFINITION

Areas of Crown Land reserved for various public purposes, e.g. parks, recreation, drainage or church sites; the reserve is identified by a number, e.g. Reserve No. 12345. Reserves may be vested, leased or Crown Granted in Trust. There are three different categories of reserves.

CLASS "A" reserves forever remain dedicated to the purpose declared, until by an Act of Parliament it is otherwise amended. Class "A" is used where there is a need perceived for the highest form of protection, for example "Kings Park", or national parks.

CLASS "B" reserves are seen as warranting higher protection than usual, but not to the extent of Class "A". Class "B" reserves may be varied by Governor in Executive Council, but amendment must be notified to the Parliament.

CLASS "C" reserves form the vast majority of reserves. Amendments to or the declaration of Class "C" reserves are determined by the Governor in Executive Council.

Definition is from the Landgate Glossary on the Landgate website www.landgate.wa.gov.au

BEACH ACCESS SURVEY DATA

Map.1 Reserve No..24738 – 40581 – 43360

LOCATION	ACCESS TYPE	ISSUES
1 – Drummond Cove Road	Vehicle & Public Access	Vehicles accessing south of “No vehicles past this point”
2 – Water Front Circle	No vehicle – Public Access	Flat Beach access sandy
3 – Adjacent to bush reserve	No vehicle – Public Access	Sandy beach access
4 – Gravel Parking area	No vehicle – Public Access	Good beach access
5 – John Batten Centre	No vehicle – Public Access	Beach access over rubble
6 – John Batten Centre south	Vehicle access boat ramp	Need signage replaced
7 – Hester St	No Vehicle – Public Access	Learner Surf Area
8 – Batten Place	No vehicle – Public Access	Settlement access to beach
9 – Taylor Street	No vehicle – Public Access	Settlement Access to beach
10 – Sea Crest Way	Vehicle Access boat ramp	Vehicles accessing the beach south of the ramp
11 – Muggers Pass	No vehicle – Public Access	Beach access from the Car Park
12 – No17 Dwelling	Vehicle & Public Access	Flat beach access
13 – Glenfield Beach	Vehicle & Public Access	Flat firm beach access
14 – Car Park Beach Access	Vehicle & Public Access	Several locations where vehicles access the beach from this Car Park

*Walk trail at site 12 can be improved by sheeting with seaweed

LEGEND

- Public Access Only
- Public Access Only (via Private Property)
- Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated

BEACH ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1. Most Northern Beach Access	Recreation Vehicle Access	The access track is only steep from sand, many alternative tracks established -- consider hard surfaced access in fact. Issues: access (steep) needs include a parking area, rehab where dunes are damaged by moving, police non compliance.
2. Access of subdivision clearing	Recreation Vehicle Access	Access very poor, many dune areas off road track.
3. Outrigger Esplanade (North)	Recreation Vehicle Access	Coastal access needs to be made formal (hard surface) with strict control on vehicles, remaining coastal vegetation area off road track.
4. Sol Boulevard	No vehicles - Public Access Only	Access: Public Access only - currently being used by high powered motorbikes.
5. Opposite Lot 514 (PSA: 10 Outrigger Esplanade)	No vehicles - Public Access Only	
6. End of Seatar Cove	Vehicle Access	Vehicles access to the beach, parking area on the verge.
7. Triton Place Beach Carpark	No vehicles - Public Access Only	Restricted to Parking only - no Beach Access for vehicles.
8. Opposite Lot 16 (PSA: 57 Volute Street)	No vehicles - Public Access Only	Very sandy steep onto the beach.
9. Bailey Street Beach Carpark	No vehicles - Public Access Only	Servicing the Cameron Park.
10. Opposite Caravan Park	No vehicles - Public Access Only	
11. Swan Drive Beach Carpark	No vehicles - Public Access Only	
12. Frederick Street	Vehicle Access - to river south east side	Restricted access to River Mouth only.
13. Fuller Street	No vehicles - Public Access Only	Poor steep, uneven surface.

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R27322 & R41198

Scale: 1:1

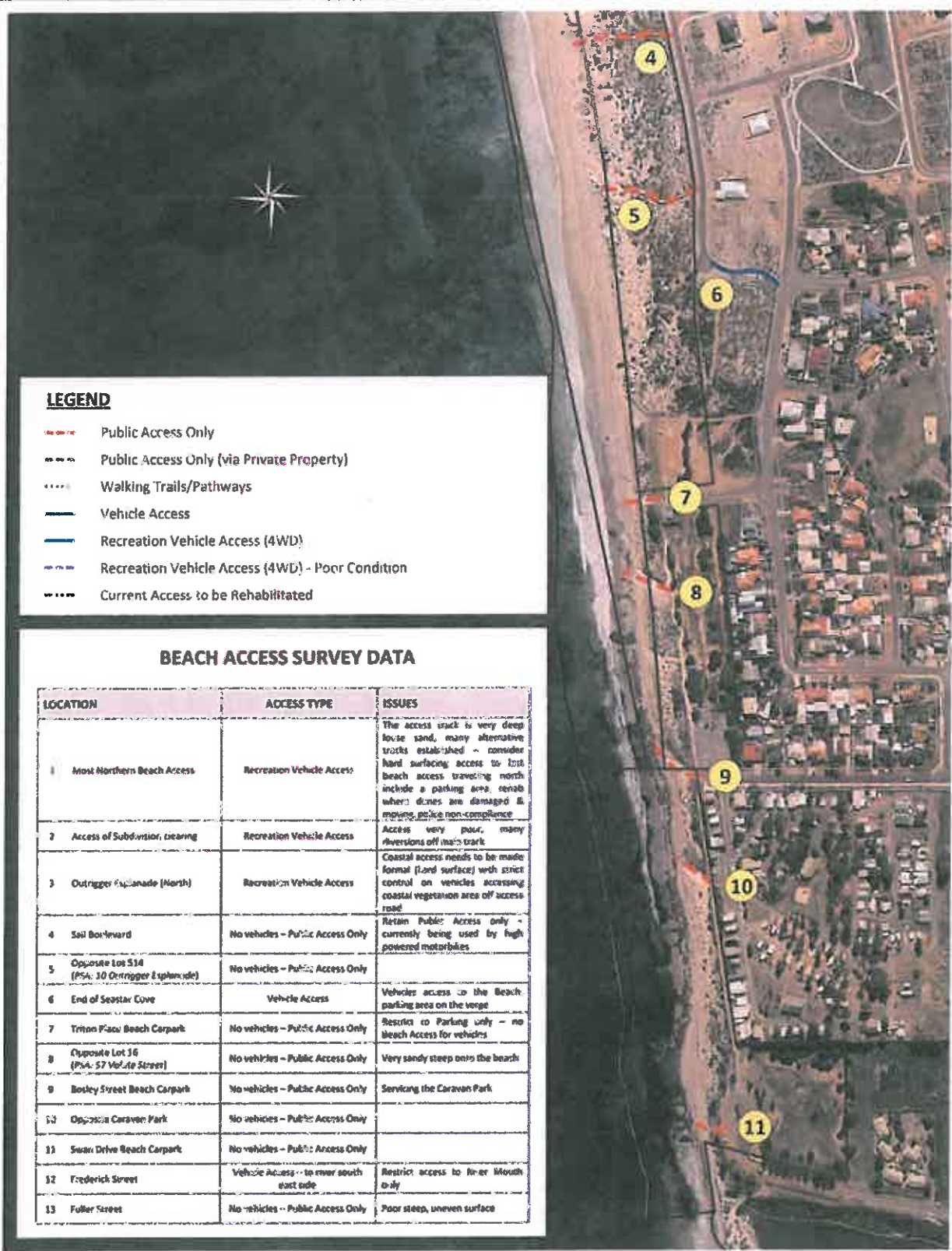
Date: 03-Feb-13

Department: IPD (Assets)

Drawing No:

Operator: FJ

Paper Size: A3



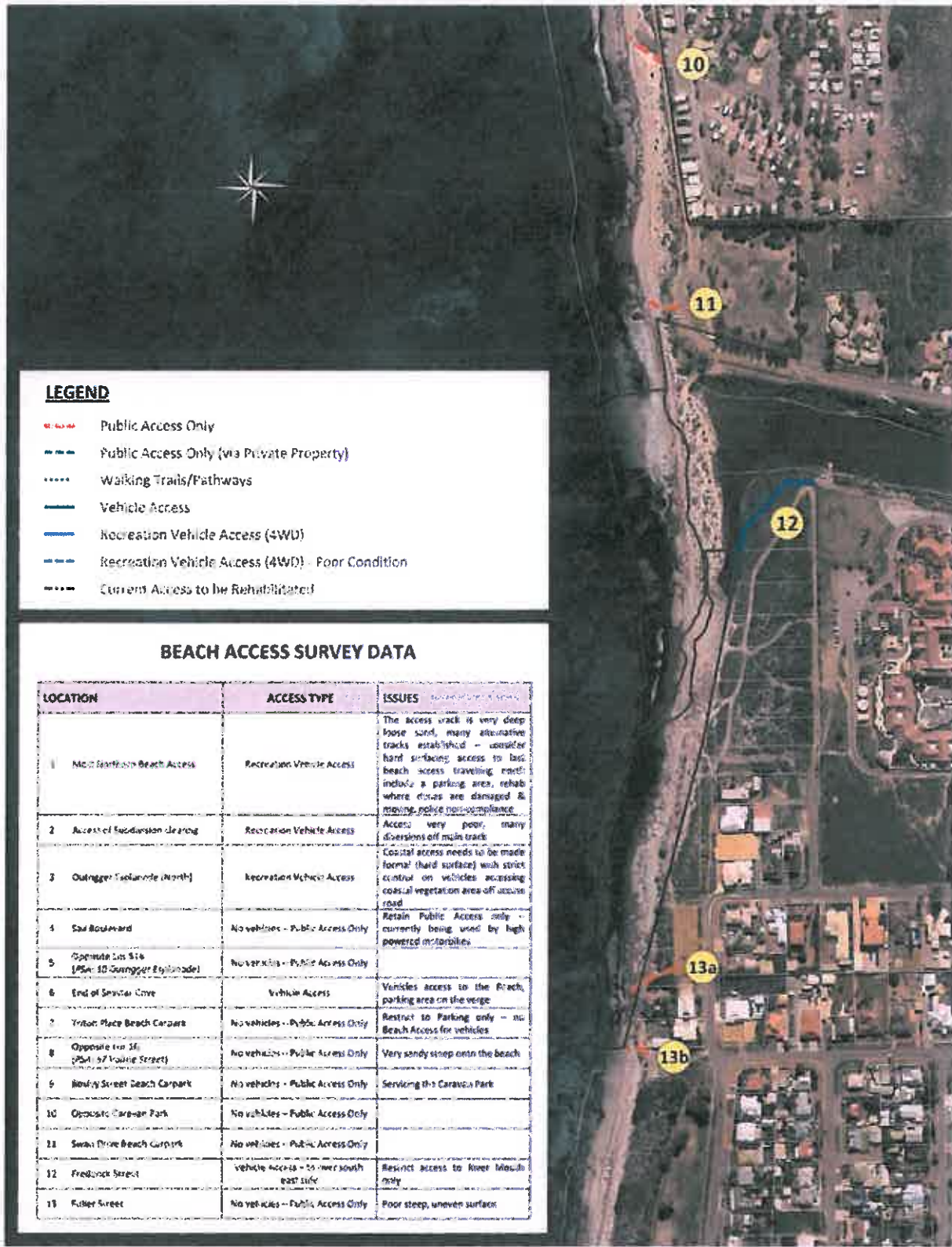
LEGEND

- - - - Public Access Only
- - - - Public Access Only (via Private Property)
- - - - Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- - - - Recreation Vehicle Access (4WD) - Poor Condition
- - - - Current Access to be Rehabilitated

BEACH ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Most Northern Beach Access	Recreation Vehicle Access	The access track is very deep loose sand, many alternative tracks established - consider hard surfacing access to first beach access traveling north include a parking area, rehab where dunes are damaged & missing, police non-compliance
2 Access of Subdivision, bearing	Recreation Vehicle Access	Access very poor, many diversions off main track
3 Outrigger Esplanade (North)	Recreation Vehicle Access	Coastal access needs to be made formal (hard surface) with strict control on vehicles accessing coastal vegetation area off access road
4 Sail Boulevard	No vehicles - Public Access Only	Retain Public Access only - currently being used by high powered motorbikes
5 Opposite Lot 514 (PWA: 10 Orrigger Esplanade)	No vehicles - Public Access Only	
6 End of Seastar Cove	Vehicle Access	Vehicles access to the beach parking area on the verge
7 Triton Place Beach Carpark	No vehicles - Public Access Only	Restrict to Parking only - no beach access for vehicles
8 Opposite Lot 16 (PWA: 57 McLife Street)	No vehicles - Public Access Only	Very sandy steep onto the beach
9 Bosley Street Beach Carpark	No vehicles - Public Access Only	Servicing the Caravan Park
10 Opposite Caravan Park	No vehicles - Public Access Only	
11 Swan Drive Beach Carpark	No vehicles - Public Access Only	
12 Frederick Street	Vehicle Access - to river south east side	Restrict access to River Mouth only
13 Fuller Street	No vehicles - Public Access Only	Poor steep, uneven surface

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LEGEND

- Public Access Only
- - - Public Access Only (via Private Property)
- Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- - - Recreation Vehicle Access (4WD) - Poor Condition
- - - Current Access to be Rehabilitated

BEACH ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Main Northside Beach Access	Recreation Vehicle Access	The access track is very deep loose sand, many alternative tracks established - unsuitable hard surfacing access to last beach access travelling north include a parking area, rehab where dunes are damaged & missing police non-compliance
2 Access of Sandcastle clearing	Recreation Vehicle Access	Access very poor, many diversions off main track
3 Outrigger (Sandcastle North)	Recreation Vehicle Access	Coastal access needs to be made formal (hard surface) with strict control on vehicles accessing coastal vegetation area off access road
4 Sand Boulevard	No vehicles - Public Access Only	Retain Public Access only - currently being used by high powered motorbikes
5 Opposite Lot 516 (PSA: 10 Gungaher Bay Road)	No vehicles - Public Access Only	
6 End of Smeaton Drive	Vehicle Access	Vehicles access to the beach, parking area on the verge
7 Triton Place Beach Carpark	No vehicles - Public Access Only	Restrict to Parking only - no Beach Access for vehicles
8 Opposite Lot 516 (PSA: 10 Gungaher Street)	No vehicles - Public Access Only	Very sandy steep onto the beach
9 Bowley Street Beach Carpark	No vehicles - Public Access Only	Servicing the Caravan Park
10 Opposite Caravan Park	No vehicles - Public Access Only	
11 Swan Drive Beach Carpark	No vehicles - Public Access Only	
12 Fredlock Street	Vehicle Access - to river south east side	Restrict access to river mouth only
13 Fisher Street	No vehicles - Public Access Only	Poor steep, uneven surface

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▶ RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP002

R27322	<i>Swan Drive Beach Carpark</i>
Purpose:	Recreation and Foreshore Management
Vesting:	City of Geraldton-Greenough
Lot/Town Lot:	Geraldton Lot 2873
Class:	A

R41198	
Purpose:	Foreshore Management and Recreation
Vesting:	City of Geraldton-Greenough
Lot/Town Lot:	Geraldton Lots 2900, 2901, 2902, 2903 and Vic Loc 11108
Class:	C

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CLASS "A" reserves forever remain dedicated to the purpose declared, until by an Act of Parliament it is otherwise amended. Class "A" is used where there is a need perceived for the highest form of protection, for example "Kings Park", or national parks.

CLASS "B" reserves are seen as warranting higher protection than usual, but not to the extent of Class "A". Class "B" reserves may be varied by Governor in Executive Council, but amendment must be notified to the Parliament.

CLASS "C" reserves form the vast majority of reserves. Amendments to or the declaration of Class "C" reserves are determined by the Governor in Executive Council.

Definition is from the Landgate Glossary on the Landgate website www.landgate.wa.gov.au

AMENDED BEACH ACCESS SURVEY DATA – MAP.2

LOCATION	ACCESS TYPE	ISSUES
1.North of Outrigger Esplanade	Recreation Vehicle Access	4WD Access on unmade track-consider making track formal access restrict diversions
2.North of Outrigger Esplanade	Recreation Vehicle Access	4WD Access on unmade tracks
3.&4 Public Access	No Vehicle - Public Access	Retain Public access only-currently used by high powered bikes
5.Outrigger Esplanade off Witworth Dve	No Vehicle – Public Access	Restrict to Public access only – no vehicles on beach
6.Seastar Cv	Vehicle Access to turn around Across two curbing's	Restrict access to Parking Area - no vehicle access along beach
7.Triton Place Car park	No Vehicle – Public Access	Restrict to Car park – no beach Access
8.Off Triton Place walk trail	No Vehicle – Public Access	Very sandy steep onto beach
9.Bosley St Car park	No Vehicle – Public Access	Servicing the Caravan Park
10.Caravan Park Access	No Vehicle – Public Access	Caravan Park beach access
11.Swan Drive	No Vehicle – Public Access	Beach Access from Car park
12 Fredric Street	Vehicle Access to River	Restrict access to River Mouth only
13a and b. Fuller Street	No Vehicle -- Public Access	Poor Steep uneven surface to beach

The area around the Greenough River is used extensively by recreation vehicles and many don't remain on established access tracks and as a result considerable damage to remnant vegetation communities has occurred.

The whole issue of off-road driving within fragile coastal areas is a very urgent issue confronting many Local Governments with no simple solution, and because it is an issue throughout the state it requires a collaborative approach to address, and to resolve may well require special state funding.



BEACH ACCESS REPORT R41198 – R 27322 – MAP.2

At the southern end of the reserve at Fuller Street the beach access is dangerous as people are climbing over the retaining wall rubble to access the beach and there is considerable risk of injury with this unsafe practice.

Access to the Chapman River via Fredric Street needs to be restricted to the river mouth only to discourage the off road driving activity behind Nazareth House.

Public access only to the beach from the Chapman River mouth north to Triton Place has some very sandy covered steep access, consider closing some of the more difficult ones to maintain and upgrade only the best ones.

There is considerable traffic crossing to the south end of Seastar Cv from Whitworth Drive to access the beach at a point on the southern end of Seastar Cv. Consider a link from Whitworth Drive to the termination of Seastar Cv.

The beach access at Sail Boulevard is fairly popular as the number of local residents have increased and this is currently public access only and needs to be retained free of vehicle access because of the number of young families in the area.

At Outrigger Esplanade there is access to the beach for Vehicle Recreation and the undeveloped easement extension of Outrigger is very loose sand encouraging four wheel drivers to make numerous access tracks through the area.

The area is currently experiencing a lot of off road activity causing extensive damage to the vegetation cover, consider hard surfacing of the extension of Outrigger Esplanade and confine traffic to only this access within the reserve.



Outrigger Esplanade Extension Access Multiple Access Damaging Vegetation Cover



COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Beach Access south of Fuller Street	No vehicles - Public Access Only	Narrow sandy access track to beach
2 Fullerton Street	No vehicles - Public Access Only	Flat easy access
3 Ormonde Bay Reef Beach Carpark	No vehicles - Public Access Only	Easy shore access of beach
4 Steps to No. 42 bridge on Street	No vehicles - Public Access Only	On beach access
5 Southern edge of Bush Reserve (R21177)	No vehicles - Public Access Only	Close vehicle access
6 Clouston (Clyde) Avenue	No vehicles - Public Access Only	Close beach access, hard surface
7 Gravel Carpark (R24111)	No vehicles - Public Access Only	Firm surface, easy access
8 Western end of Bush Reserve	No vehicles - Public Access Only	Easy East South access
9 Navigation Channel Marker	No vehicles - Public Access Only	Gravel hard surface access
10 St Georges Boat Ramp	Vehicle Access - Boat Ramp	Ramp in need to maintain drainage water and high tide level
11 Humble Park	No vehicles - Public Access Only	Swimming Beach, easy access

LEGEND

- Public Access Only
- Public Access Only (via Private Property)
- Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated



Disclaimer: Whilst all care has been taken in the preparation of this data, any information is provided as a guide only and no responsibility shall be taken for any omissions or errors in this document. The accuracy provided is not to be used for legal purposes. This reference is made to the general description in terms of minutes certificates of title, surveying plans and legal versions of a Survey Planning Act/areas.

COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Beach Access south of Pipers Street	No vehicles - Public Access Only	Narrow sandy access to rocky beach
2 Hungerford Street	No vehicles - Public Access Only	Flat easy access
3 Chapman Bay Row Beach Carpark	No vehicles - Public Access Only	Easy short access of beach
4 Opposite No. 92 Liverpool Street	No vehicles - Public Access Only	Flat beach access
5 Southern edge of Bush Reserve (R20127)	No vehicles - Public Access Only	Close vehicle access
6 Opposite Tiphens Avenue	No vehicles - Public Access Only	Close beach access, hard surface
7 Current Carpark (R23111)	No vehicles - Public Access Only	Firm surface, easy access
8 Adjacent to road in end of Bush Reserve	No vehicles - Public Access Only	Easy flat beach access
9 Kingsford Channel Marker	No vehicles - Public Access Only	Good hard surface access
10 St. Georges Boat Ramp	Vehicle Access - Boat Ramp	Ramp in need to maintenance near rocks and high tide area
11 Bunde Park	No vehicles - Public Access Only	Swimming Beach, easy access



LEGEND

- Public Access Only
- Public Access Only (via Private Property)
- Walking Trails/Pathways
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RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP003

R20127	<i>Kempton Street Foreshore (including St. Georges Beach)</i>
Purpose:	Recreation
Vesting:	City of Geraldton-Greenough
Lot/Town Lot:	Geraldton Town Lots 1930 and 3027-3029
Class:	C

R23177	<i>Rundie Park</i>
Purpose:	Public Recreation
Vesting:	City of Geraldton
Lot/Town Lot:	Geraldton Lots 1372 and 2840
Class:	C

RESERVE DEFINITION

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Definition is from the Landgate Glossary on the Landgate website www.landgate.wa.gov.au

BEACH ACCESS SURVEY DATA

Map.3 Reserve No..20127 & 23177

LOCATION	ACCESS TYPE	ISSUE
11 -Rundle Park Cecily St	No vehicle – Public only	Swimming Beach Easy Access
10 – St George Beach Boat Ramp	Beach vehicle access Only	Sign in need of maintenance near beach access
9 – Navigation channel marker	No vehicle – Public access	Good hard surface access
8 – Adjacent to south end bush reserve	No vehicle – Public access only	Easy flat beach access
7 – Two vehicle gravel parking bay	No vehicle – Public Access only	Firm surface easy access
6 – George Close	No vehicle – Public Access only	Close beach access hard surface
5 – South edge Bush reserve	No vehicle – Public access only	Close vehicle access
4 – North bush reserve white dwelling	No vehicle – Public access only	Flat beach access
3 – Champion Bay	No vehicle – Public access only	Easy short access to beach
2 – Hungerford St	No Vehicle – Public access only	Flat easy access
1 – Beach access south of Fuller St	No vehicle – Public access only	Narrow sandy access track to beach

*Much of this Reserve beach access is flat resulting in low maintenance safe access to the water



BEACH ACCESS REPORT R20127 – 23177

The beach access south of Fuller Street and off Hungerford Street is flat but the most northern access is sandy and more difficult to walk along especially if taking young children to the beach.

Site 5 is no vehicle Public access only yet vehicles are accessing the beach and there needs to be some bollards in place to restrict the current use of this vehicle access.

At St. Georges boat ramp there is a need for some urgent maintenance on the ramp if it is to be listed as a launching facility as it currently has some safety issues for people using the ramp in its present condition. The part cement surface at the waters edge needs to be repaired or removed to eliminate the risk to people launching boats.

Reserve 23177 has easy beach access and is an excellent swimming location as part of Rundle Park and the area has fairly high visitation as there is terrestrial recreation facilities in the reserve as well as swimming.

The ground cover vegetation in the northern areas of the reserve play an important part in reducing wind erosion and filter the sand blown off the beach towards the roadway.



Flat beach access

Flat Sandy access from a Car Park



COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Ferry Street to Ark Street	No vehicles - Public Access Only	Overl. easy beach access off the pathway
2 St. Ives end of Ferry St	No vehicles - Public Access Only	Possible Disabled Access - flat beach approach
3 Porters 42069 (Marina Park)	No vehicles - Public Access Only	Current access to Marina Beach



LEGEND

- - - - Public Access Only
- - - - Public Access Only (via Private Property)
- - - - Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- - - - Recreation Vehicle Access (4WD) - Poor Condition
- - - - Current Access to be Rehabilitated

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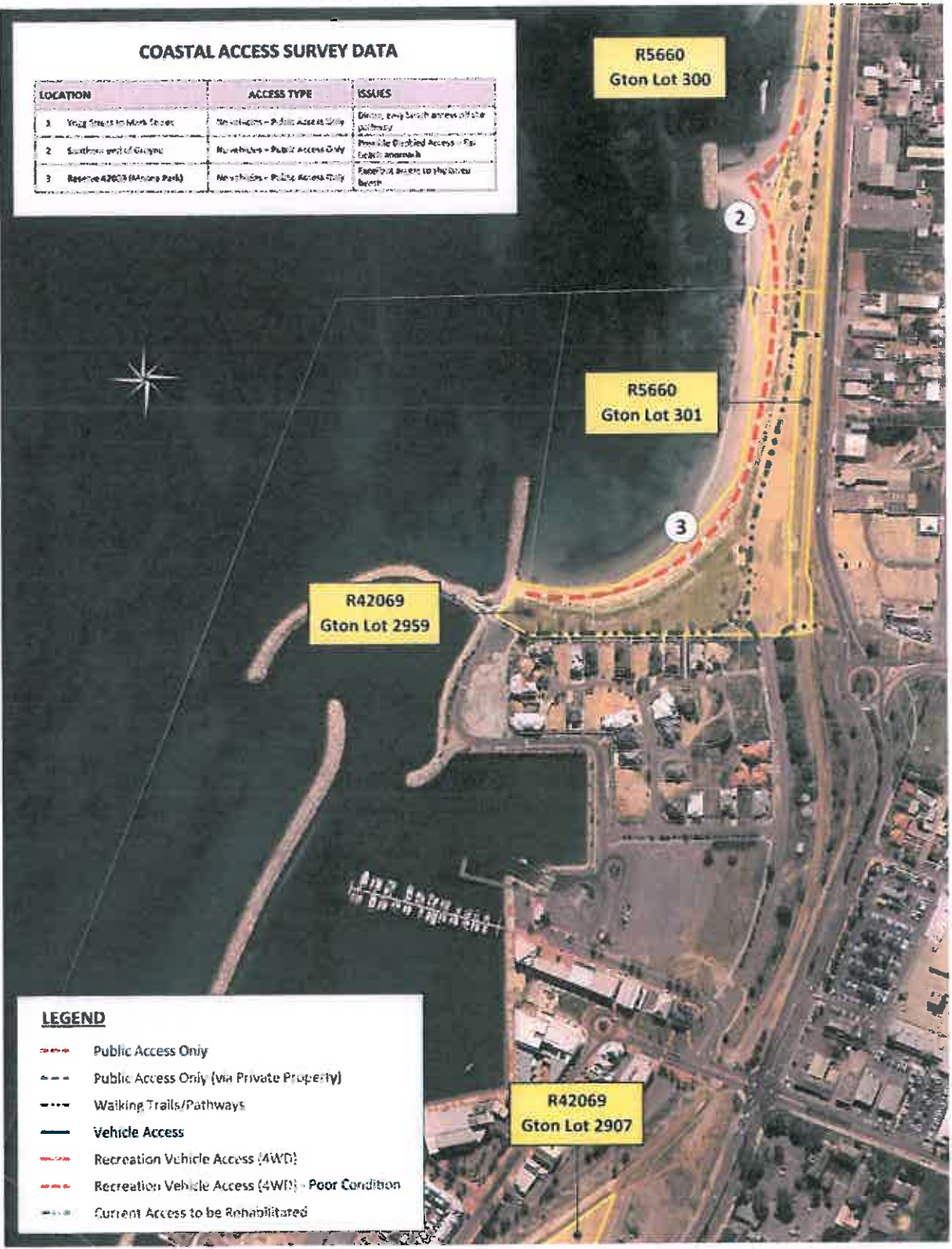
R5660 R42069

Scale 1:5,000

Date 27 Feb-13
 Department CLS
 Drawing No. MAP004 (A)
 Operator R11
 Paper Size A4

COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Young Street to Mark Street	Recreation Vehicles - Public Access Only	Deliver Emergency Services to the pathway
2 Southern end of Gwynne	Motor Vehicles - Public Access Only	Provide Disabled Access - Facilities available
3 Reserve 42603 (Manning Park)	Motor Vehicles - Public Access Only	Provide Access to the lower beach



LEGEND

- - - Public Access Only
- - - Public Access Only (via Private Property)
- - - Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- - - Recreation Vehicle Access (4WD) - Poor Condition
- - - Current Access to be Rehabilitated

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RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP004

R5660	<i>Beresford Foreshore</i>
Purpose:	Recreation and Foreshore Management
Vesting:	City of Geraldton-Greenough
Lot/Town Lot:	Geraldton Lots 300 and 301
Class:	C

R42069	<i>Marina Park</i>
Purpose:	Recreation
Vesting:	City of Geraldton
Lot/Town Lot:	Geraldton Lots 2907 and 2959
Class:	C

RESERVE DEFINITION

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Definition is from the Landgate Glossary on the Landgate website www.landgate.wa.gov.au

BEACH ACCESS SURVEY DATA

Reserve No..R5660 & 42069

LOCATION	ACCESS TYPE	ISSUES
1 - Trigg to Mark St	No vehicle - Public Access	Direct easy beach access off the Pathway
2 - South End of Groin	No vehicle - Public Access	Possible Disabled Access flat beach approach
3 -- Reserve 42069	No vehicle - Public Access	Excellent CCESS to Sheltered beach

*Parts of the beach has rock retaining wall in place but there is plenty of access to the water.



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Name -COASTAL ACCESS SURVEY REPORT

Title – RESERVE NUMBER R5660 & 42069

The close proximity to the city centre of these reserves ensures relatively high visitation as the beach areas have easy access from the Chapman Valley Road and the beach area on the southern end of the reserve is very sheltered with shallow swimming areas free of weed and rocks.

There are no vehicles accessing either of these reserves therefore there is no conflict between the public and recreation vehicles making it a very safe area for people with young children who visit the swimming beach.

There are two areas within these reserves where disabled access could be developed as both have flat easy access from vehicle parking nearby. In reserve 5660 on the southern end of the groin (figure 2), there is an opportunity to develop access for disabled people.

The second location off the car park at the southern end of reserve 42069 has potential to develop disabled access to the beach and the groin if the city was contemplating suitable sites.






There is no remnant vegetation within these two reserves of significance.

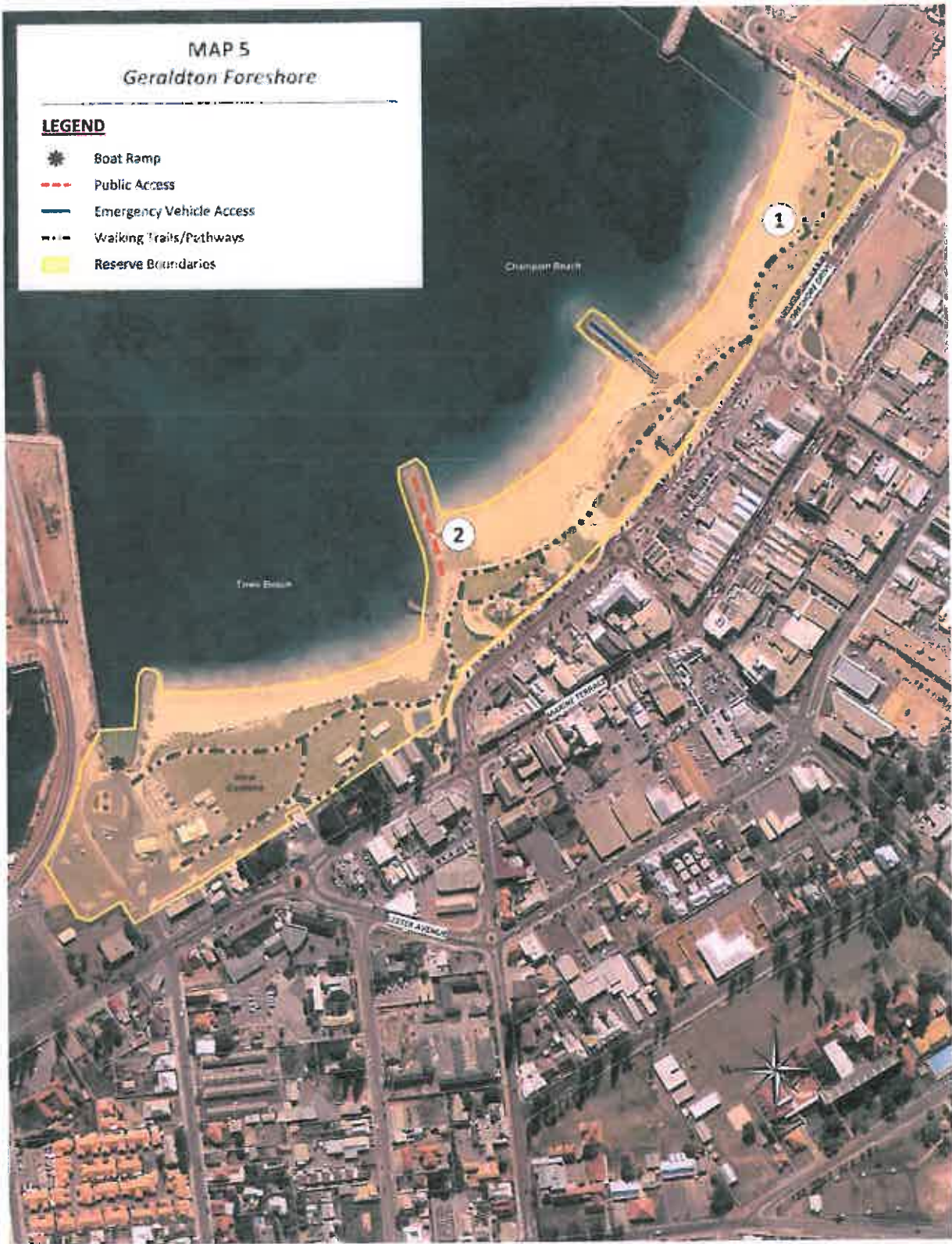


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MAP 5
Geraldton Foreshore

LEGEND

-  Boat Ramp
-  Public Access
-  Emergency Vehicle Access
-  Walking Trails/Pathways
-  Reserve Boundaries



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R50100
 Scale 1:5,000

Date: 09/10/13
 Department: CLS
 Drawing No: MAP005 (A)
 Operator: RUT
 Paper Size: A4

RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP005

R50100	<i>Geraldton Foreshore</i>
Purpose:	Foreshore Reserve
Vesting:	City of Geraldton-Greenough
Lot/Town Lot:	Geraldton Lot 506
Class:	C

RESERVE DEFINITION

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BEACH ACCESS SURVEY DATA

Map.5 Reserve No..50100

LOCATION	ACCESS TYPE	ISSUE
1 -Town Beach	No vehicle – Public only other than Surf Club Emergency Vehicles	Swimming Beach Jet Skies using flotation platform to exchange riders and passengers
2 -Town Beach Groin	No vehicle – Public Only	Groin is good disabled access but surface needs improving to ease wheelchair access Very suitable for disabled fishing

As this is the recreation area in town the beaches in this Reserve are used extensively and there are incidents where Jet Ski drivers pick up passengers from the dive platforms on the fringe of the swimming area necessitating access through the swimming area.



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COASTAL ACCESS SURVEY REPORT

RESERVE NO.50100

As the city beach this area is heavily utilised for a number of water sport activities including the Surf Life Saving Club, who are the only approved vehicle access onto the beach for emergency rescue.

The reserve has three groins within the beach area and these are utilised by numerous people for recreation activities including fishing.

There is an opportunity to develop one of these (number 2) as disabled access if the City of Greater Geraldton is proposing to provide such facilities in the future.

As this area is close to the boat launching ramp on the southern end of the reserve there is interaction between jet skis and the swimming platforms off the beach, as these are being used as pickup and drop-off points for jet ski passengers.

There is no remnant vegetation within this reserve area.



COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Pages Beach	Vehicle and Public Access	Overcrowding with associated long concrete and concrete area, plus existing options off road heading
2 Pages Beach Foreshore	Walking Trails to northern end of beach parking	Could use some gravelled surface treatment to improve walking surface in beach yards

The middle section of the coast-off the main road is a very popular access to the beach and could be wide and flat it could be developed to be suitable for disabled access.



R29729
Gton Lot 3123

R29729
Gton Lot 3124

LEGEND

- Public Access Only
- Public Access Only (via Private Property)
- Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated

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RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP006

R29729	<i>Pages Beach</i>
Purpose:	Public Recreation
Vesting:	City of Geraldton
Lot/Town Lot:	Geraldton Lots 3123 and 3124
Class:	A

RESERVE DEFINITION

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BEACH ACCESS SURVEY DATA

Map.6 Reserve No. 29729

LOCATION	ACCESS TYPE	ISSUES
1 – Pages Beach	Vehicle Access	Beach often covered by seaweed – shared horse exercise beach
2 – Marine Terrace	No Vehicle – Public Access	Disabled fishing option off the groin



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Name -COASTAL ACCESS SURVEY REPORT

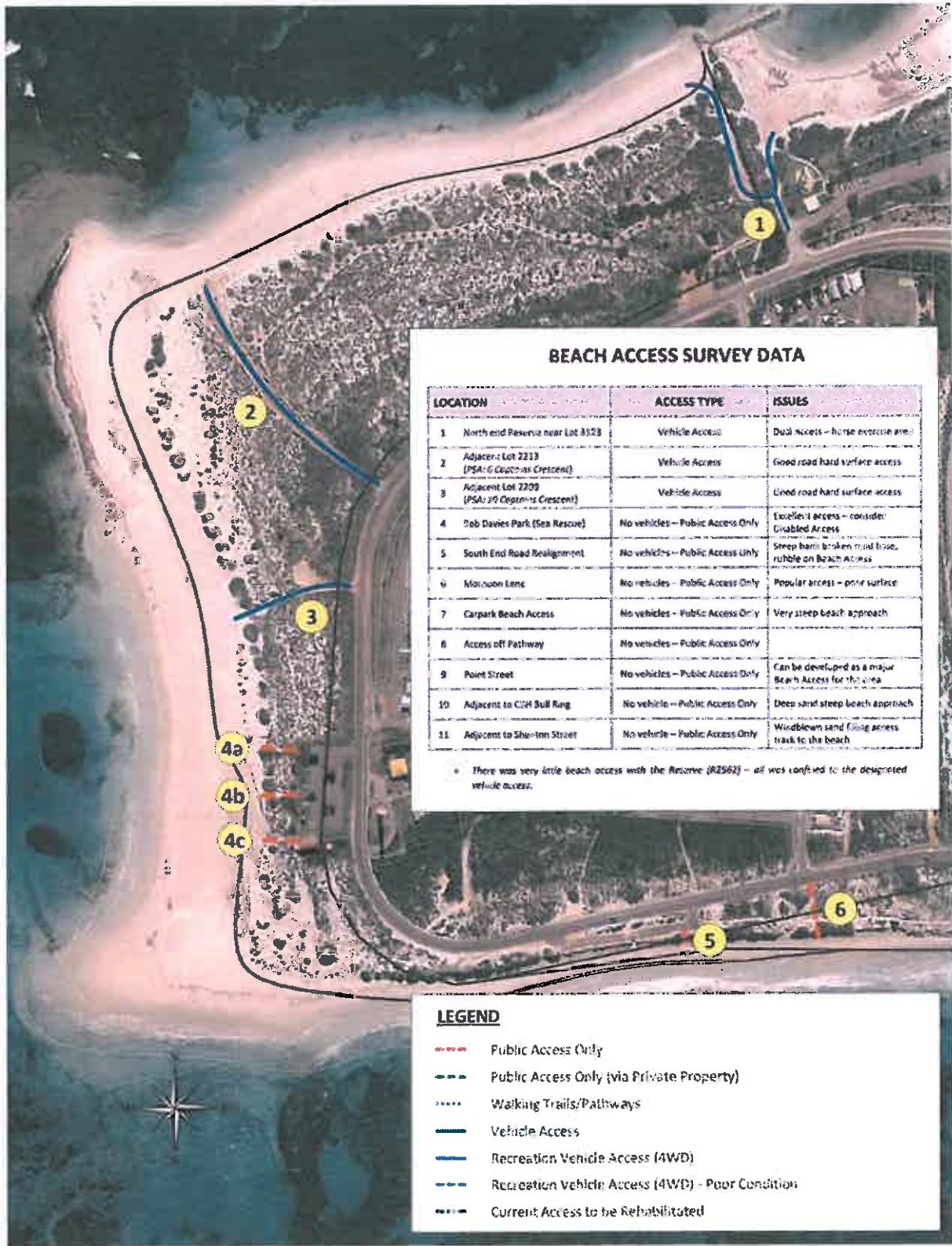
Title – RESERVE NUMBER R29729 – MAP.6

The area known as Pages Beach is popular with the horse training industry therefore the area has considerable vehicle access with parking to enable offloading of horses.

The beach edge is often covered with seaweed, and it also accumulates along the water's edge making the area less popular as a swimming beach.

The groin on the southern end of the reserve provides access for fishing and the indications are that it is regularly used by a considerable number of recreational fishers.

There is no remnant vegetation within these two reserves of significance.



BEACH ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 North end Reserve near Lot 3123	Vehicle Access	Dual access - horse exercise area
2 Adjacent Lot 2213 (PSA: 6 Captham Crescent)	Vehicle Access	Good road hard surface access
3 Adjacent Lot 2209 (PSA: 20 Captham Crescent)	Vehicle Access	Good road hard surface access
4 Bob Davies Park (Sea Rescue)	No vehicles - Public Access Only	Excellent access - consider Disabled Access Steep bank broken road base, rubble on beach access
5 South End Road Realignment	No vehicles - Public Access Only	Popular access - poor surface
6 Moonoon Lane	No vehicles - Public Access Only	Very steep beach approach
7 Carpark Beach Access	No vehicles - Public Access Only	
8 Access off Pathway	No vehicles - Public Access Only	
9 Point Street	No vehicles - Public Access Only	Can be developed as a major Beach Access for this area
10 Adjacent to Cliff Bull Rang	No vehicle - Public Access Only	Deep sand steep beach approach
11 Adjacent to Sherman Street	No vehicle - Public Access Only	Windblown sand filling access track to the beach

• There was very little beach access with the Reserve (R2562) - all was confined to the designated vehicle access.

LEGEND

- Public Access Only
- - - Public Access Only (via Private Property)
- Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- - - Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated

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 W: www.cgg.wa.gov.au E: council@pg.wa.gov.au

R2562

Scale: 1:1

Date: 07-Feb-13
 Department: IFL (Asst)
 Drawing No.:
 Operator: FIT
 Paper Size: A4



LEGEND

- Public Access Only
- Public Access Only (via Private Property)
- Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated

BEACH ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 North end Reserve near Lot 5123	Vehicle Access	Dust Access - horse exercise area
2 Adjacent Lot 2213 (PSA @ Capriolis Crescent)	Vehicle Access	Good road hard surface access
3 Adjacent Lot 2209 (PSA @ Capriolis Crescent)	Vehicle Access	Good road hard surface access
4 Bob Davies Park (Sea Rescue)	No vehicles - Public Access Only	Excellent access - considered Access
5 Scun End Road Realignment	No vehicles - Public Access Only	Steep bank broken road base, rubble on beach access
6 Monsoon Lane	No vehicles - Public Access Only	Popular access - poor surface
7 Carpark Beach Access	No vehicles - Public Access Only	Very steep beach approach
8 Access off Pathway	No vehicles - Public Access Only	
9 Point Street	No vehicles - Public Access Only	Can be developed as a major Beach Access for the area
10 Adjacent to C&H Bull Ring	No vehicle - Public Access Only	Deep sand steep beach approach
11 Adjacent to Shenton Street	No vehicles - Public Access Only	Windblown sand filling access track to the beach

• There was very little beach access with the Reserve (R2562) -- all was confined to the designated vehicle access.

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R2562

Scale: 1:1

Date 07-Feb-15
 Department IPU (Assets)
 Drawing No
 Operator RJT
 Paper Size A4

BEACH ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 North end Reserve near Lot A123	Vehicle Access	Good Access - Beach overtake area
2 Adjacent to 7233 (PSA - 6 Caprolin, Cascaes)	Vehicle Access	Good road hard surface access
3 Adjacent to 7109 (PSA - 20 Caprolin, Cascaes)	Vehicle Access	Good road hard surface access
4 Ben Davies Park (Sex Reserve)	No vehicles - Public Access Only	Excellent access - some minor Disabled Access
5 South End road Realignment	No vehicles - Public Access Only	Steep bank - broken road - bus - rubble on Beach Access
6 Mossburn Lane	No vehicles - Public Access Only	Popular access - good surface
7 Carnark Fossil Access	No vehicles - Public Access Only	Very steep beach approach
8 Access off Pathway	No vehicles - Public Access Only	
9 Point Street	No vehicles - Public Access Only	Can be developed as a major Beach Access for the area
10 Adjacent to CRH Bull Ring	No vehicles - Public Access Only	Deep sand - steep beach approach
11 Adjacent to Shandon Street	No vehicles - Public Access Only	Windblown sand filling access track to the beach

- There was very little beach access with the Reserve (R2562) - all was confined to the designated vehicle access.



LEGEND

- - - - Public Access Only
- - - - Public Access Only (via Private Property)
- Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated

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RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP007

R2562	<i>Point Moore/Greys Beach</i>
Purpose:	Esplanade and Recreation
Vesting:	City of Geraldton
Lot/Town Lot:	Geraldton Lots 940 and 3134
Class:	A

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BEACH ACCESS SURVEY DATA

Map Sheet R2562

LOCATION	ACCESS TYPE	ISSUES
11 -Adjacent Port Way	No vehicle – Public Access	Windblown sand filling access track to beach
10 -Adjacent CBH Bull Ring	No vehicle –Public Access	Deep sand steep beach approach
9 -Point Street	No Vehicle – Public Access	Can be developed as major beach access for area
8 – Access off Pathway	No vehicle – Public only	Sandy surface
7 -Car Park Beach Access	No Vehicle – Public Access	Very steep beach approach
6 -Monsoon Lane	No Vehicle – Public Access	Popular access poor surface
5 -South End Road Realignment	No Vehicle – Public Access	Steep bank broken road base rubble on beach access
4 -Sea Rescue Car Park Access	No Vehicle – Public Access	Excellent Access – Consider suitable to establish Disable Access
3 -Adjacent Locn 2209	Vehicle Access	Good road hard surface access
2 -Adjacent locn 2213	Vehicle Access	Good road hard surface access
1 -North End R 3123	Vehicle Access	Dual access horse exercise area
There was very little beach access within this Reserve - all was confined to the designated vehicle access.		



BEACH ACCESS REPORT R 2562 – MAP.7

Reserve R 2562 along the southern sections east of the Sea Rescue site is used as a dog exercise beach and less suitable for swimming because of the weed accumulation in the surf and therefore has fewer visitors than the northern and western sections of this reserve.

The southern beach access is very sandy and steep with rocky headland in parts making the beach access more difficult, especially where the road has been realigned.

The beach access adjacent to Point Street would make the best access and has the easiest approach to the beach for all age groups.

There was no evidence of vehicles access the southern section of this reserve because the broken rocky headland provides a natural barrier making it very difficult to drive on the beach without travelling in the surf.

The beach access at the Sea Rescue car park is of a high standard with three good flat walk trails to the beach, and if future planning considered providing access for disabled people to the beach this area would be worth consideration.

The three vehicle access roads north of the Sea Rescue area providing access to the beach are hard surface all weather access used extensively for wind surfing and recreation with 4 x 4 vehicles.

The most northern access on the boundary of the reserve provides access for the horse training industry and has hard surface parking minimising any surface movement.



Beach Access North End of Reserve



Rubble on Steep Beach Access





COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Separation Point	No vehicles - Public Access Only	High, poor access, deep sand
2 Separation Point	No vehicles - Public Access Only	Underdeveloped sandy access
3 Separation Point (off beach road)	No vehicles - Public Access Only	Loose sand, rough access
4 Adjacent to beach shelter	No vehicles - Public Access Only	Good facilities
5 Access not visible off road	No vehicles - Public Access Only	Random site opening off beach
6 Adjacent to Tipi location	Vehicle and Public Access	Flat firm access to beach only
7 Off northern end of carpark	No vehicles - Public Access Only	Steep down access via solar fence access off carpark
8 Off carpark	No vehicles - Public Access Only	Not suitable for access barrier and vehicle use
9 Spillway filter pond	Vehicle and Public Access	Sign "NO VEHICLES BEYOND THIS POINT"

Recommend these access points be closed and rehabilitated.

LEGEND

- - - - Public Access Only
- - - - Public Access Only (via Private Property)
- Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- - - - Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated

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▶ RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP008

R27529	<i>Separation Point</i>
Purpose:	Esplanade and Recreation
Vesting:	City of Geraldton
Lot/Town Lot:	Geraldton Lot 2333
Class:	A

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BEACH ACCESS SURVEY DATA

Map.8 Reserve No..R27529

LOCATION	ACCESS TYPE	ISSUES
1-Seperation Point	No vehicle – Public Access	Rough Poor Access deep sand
2-Seperation Point	No vehicle – Public Access	Undeveloped sandy access *
3- Seperation Point off termination	No vehicle – Public Access	Loose sand rough access
4 – Adjacent to Sun Shelter	No vehicle – Public Access	Good flat access
5 – Access not visible off road	No vehicle – Public Access	Random use opening off beach *
6 – Adjacent to Tee Junction	Vehicle Access – Public Access	Flat firm access to beach only
7 – Off North end of Car park	No vehicle – Public Access	Steep poor access consider formal access off Car Park
8 – Off Car Park	No vehicle – Public Access	Not suitable for access barrier and rehabilitate *
9 – Opposite Filter Pond	Vehicle Access & Public Access	Vehicles accessing the beach east of sign "NO VEHICLES PAST THIS POINT"

*Recommend these access points be closed and rehabilitated



Name -COASTAL ACCESS SURVEY REPORT

Title – RESERVE NUMBER R27529

Access to the beach area on foot is restricted for the public who reside east of the railway line and highway as there are limited public crossings along both making beach access difficult with small children.

A number of the beach access points are in very poor condition and are seriously eroded and make their use very difficult and impractical, the sites 2, 5 and 8 should be closed off and rehabilitated, including temporary bollards.

There are two areas that provide vehicle access onto the beach and the one opposite the tee junction allows direct access to the beach only whereas the southern end of the reserve has extensive access.

The vehicle access opposite the Filter Pond on the southern end is sign posted “No Vehicles Past This Point”, to stop access further east along the beach, but is being ignored by several recreation vehicles.

There is no remnant vegetation within these two reserves of significance.



Public Access – consider review of number

Vehicle Access – Ignoring “NO ACCESS SIGN”

Name
TITLE



COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Separation Point	No vehicles - Public Access Only	Beach being accessed by public crossing the existing one
2 Whingers Beach	No vehicles - Public Access Only	Flat beach access, sand surface
3 Mucklock Drive Access	No vehicles - Public Access Only	Poor sand blown surface, recommend block of vegetation to wind flat beach access could benefit from seaweed surfacing
4 Hedda Way Beach Carpark	No vehicles - Public Access Only	Good firm wide access
5 Hedda Way Carpark (North End)	Two vehicles - Public Access Only	Good firm wide access
6 Hedda Way Carpark (South End)	No vehicles - Public Access Only	Loose sand wind blown
7 Surf Life Saving Club Carpark	No vehicles - Public Access Only	Vehicle crossing from carpark to access the beach
8 Surf Life Saving Club	No vehicles - Public Access other than QLDC (Surf Club) vehicles	Generally public access for the Surf Club activities
9 Gravel Carpark (nr. Ocean Street)	No vehicles - Public Access Only	Good wide flat access

- This reserve has considerable windblown sand on beach access, consider spreading seaweed on the most popular accessways.



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COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Separation Point	No vehicles - Public Access Only	Beach access, accessed by public entering the railway line
2 Wessup Beach	No vehicles - Public Access Only	Flat beach access, sand dunes
3 Wilcock Drive Access	No vehicles - Public Access Only	Open sand dunes surface, equipment tracks & vegetation
4 Hadda Way Beach Carpark	No vehicles - Public Access Only	Good flat beach access, good benefits from seaweed servicing
5 Hadda Way Carpark (North End)	No vehicles - Public Access Only	Good firm wide access
6 Hadda Way Carpark (South End)	No vehicles - Public Access Only	Loose sand, wind blown
7 Surf Life Saving Club Carpark	No vehicles - Public Access Only	Vegetation crossing down from carpark to beach through dunes
8 Surf Life Saving Club	No vehicles - Public Access other than GLEAC (Surf Club) vehicles	Generally public access for the Surf Club activities
9 Gravel Carpark (nr Olive Street)	No vehicles - Public Access Only	Good wide flat access

* This reserve has considered the wind-blown sand on beach access, consider spreading seaweed on the more popular accessways.



LEGEND

- Public Access Only
- Public Access Only (via Private Property)
- Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated

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Map produced by the City of Greater Geraldton
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R20195

Scale 1:5,000

Date: 28-Feb-15

Department: CLS

Drawing No: MAP005 (3)

Operator: RJT

Paper Size: A4

RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP009

R20195	<i>Back Beach</i>
Purpose:	Park and Recreation
Vesting:	City of Geraldton
Lot/Town Lot:	Geraldton Lots 301, 3140 and 3141
Class:	A

RESERVE DEFINITION

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Definition is from the Landgate Glossary on the Landgate website www.landgate.wa.gov.au

BEACH ACCESS SURVEY DATA

Reserve No..20195

LOCATION	ACCESS TYPE	ISSUES
9 - Olive St Gravel Car Park	No vehicle -- Public Access	Good wide flat Access
8 -- Surf Life Saving Club	Emergency Access for Club vehicles & Public	Generally Public access for the Surf Club activities
7 -- Car Park Surf Club	No vehicle -- Public Access	Vehicles crossing Lawn from Car Park to access the beach
6 -- Car Park SE end	No vehicle -- Public Access	Loose sand wind blown
5 -- Car Park north end	No vehicle -- Public Access	Good firm wide access
4 -- Hadda Way Car Park	No vehicle -- Public Access	Good flat beach access could benefit from seaweed surfacing
3 -- John Willcock Access	No vehicle -- Public Access	Poor sand blown surface recommend block & rehabilitate
2 -- Whimps Beach	No vehicle -- Public Access	Flat beach access sand surface
1 -- Seperation Point	No vehicle -- Public Access	Beach being accessed by public crossing the railway line

- This Reserve has considerable windblown sand on beach access consider spreading seaweed on the more popular access ways.



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Name - COASTAL ACCESS SURVEY REPORT

Title – RESERVE Number 20195 – Map 9

Reserve 20195 is generally Public Access only with no vehicles allowed on the beach other than emergency access for the Surf Life Saving Club vehicles.

There are occasional vehicles crossing the lawn from the Surf Club car park to access the beach via the wide public access and some additional bollards need to be installed to remove the ability of vehicles to fit down the pathway.

The public access at site 3 and 6 need to be evaluated to determine if they should remain open or be closed and the eroded areas rehabilitated.

Areas that have been treated with seaweed covering are withstanding foot traffic much better than those that are just sand surface, when seaweed needs to be removed from beaches during winter storms any surplus material should be used to rehab the walkways.

The remnant vegetation contained within this reserve is significantly important to assisting with stabilizing the sand areas blowing in from the beach. The general condition of the ground cover towards the southern end of the reserve is much poorer where the width is narrower.



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COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Inakea Street	No vehicles - Public Access Only	Steep sandy approach off beach
2 Jorrah Street	No vehicles - Public Access Only	Steps off access road, well maintained
3 Tanoula Beach	No vehicles - Public Access Only	Well established, good fence access
4 Broadhead Avenue	No vehicles - Public Access Only	Well established beach access, with sand approach onto the beach

* This survey has no evaluation of vehicle access.

R42292
Gton Lot 2990

LEGEND

- - - Public Access Only
- - - Public Access Only (via Private Property)
- - - Walking Trails/Pathways
- Vehicle Access
- - - Recreation Vehicle Access (4WD)
- - - Recreation Vehicle Access (4WD) - Poor Condition
- - - Current Access to be Rehabilitated

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RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP010

R42292	
Purpose:	Recreation and Foreshore
Vesting:	City of Geraldton
Lot/Town Lot:	Geraldton Lot 2990
Class:	A

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BEACH ACCESS SURVEY DATA

Map.10 Reserve No..42292

LOCATION	ACCESS TYPE	ISSUES
1 – Hakea St	No vehicle – Public Access	Steep sandy approach off beach
2 – Jarrah St	No vehicle – Public Access	Steps off access road well maintained
3 – Tarcoola Beach	No vehicle – Public Access	Well established good firm access
4 – Broadhead Avenue	No vehicle – Public Access	Well maintained beach access with sandy approach onto the beach

*The reserve has no indication of vehicle access



Name -COASTAL ACCESS SURVEY REPORT

Title – RESERVE NUMBER R42292

There is no vehicular access onto any part of this reserve as the steep nature of the swales associated with very loose sand make vehicle access almost impossible.

The public access is well maintained with the exception of the approaches onto the beach, as there is considerable sand movement along the vegetation fringe adjoining the beach.

Where seaweed has been used to stabilize the walkways in areas sheltered from wind-blown sand, the process has proven very successful and could be applied more extensively along the coastal reserves where beach access is compromised by moving sand.

The remnant vegetation within this reserve is of significant importance as the location is severely impacted by strong winds throughout the summer, and the vegetation cover provides the only safeguard from serious erosion with the associated sand invasion of the adjoining properties.



Steep Sandy Beach Approach

Firm Seaweed sheeted walkway



LEGEND

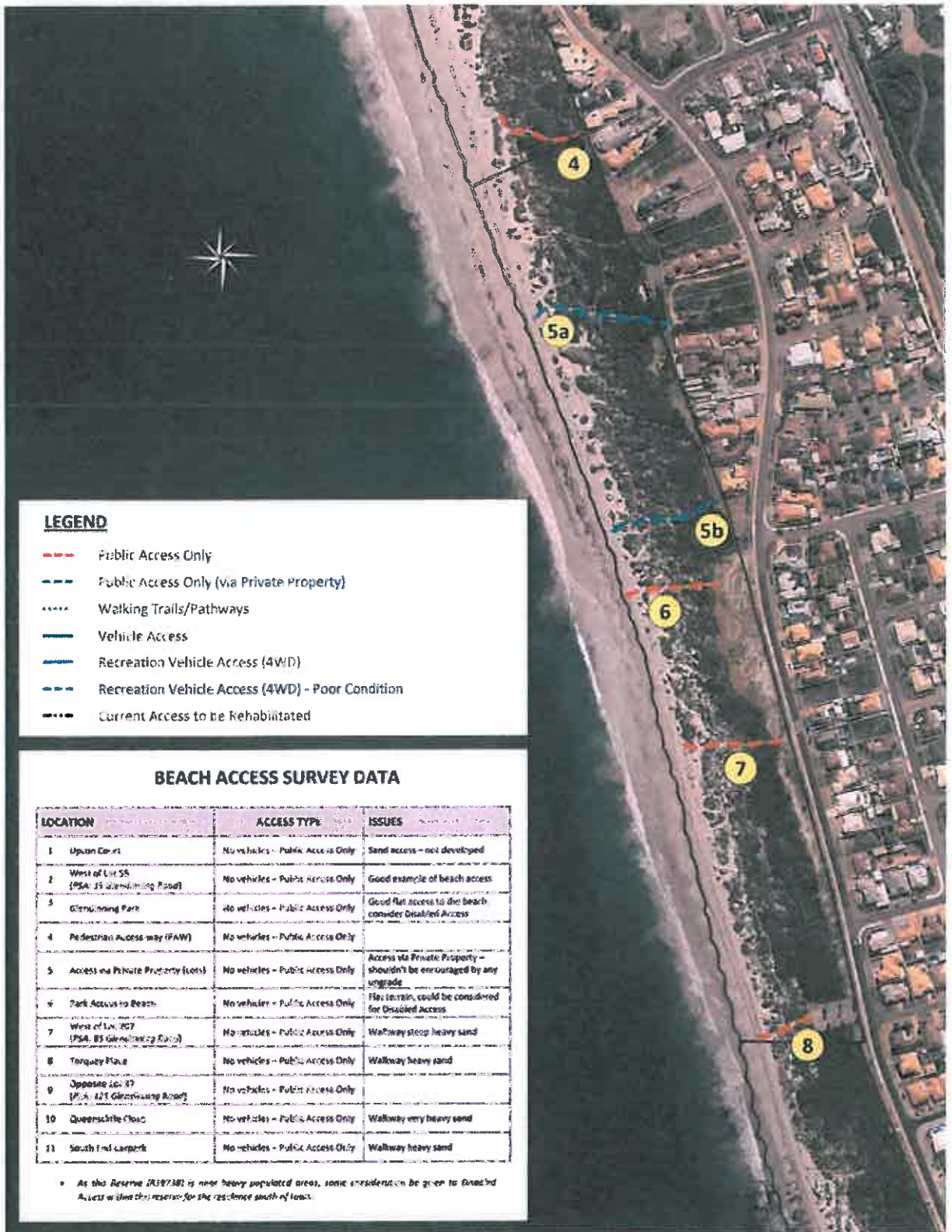
- - - Public Access Only
- - - Public Access Only (via Private Property)
- Walking Trails/Pathways
- Vehicle Access
- - - Recreation Vehicle Access (4WD)
- . - . Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated

BEACH ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Upton Court	No vehicles - Public Access Only	Sand access - not developed
2 West of Lot 55 (PSA: 29 Glendinning Road)	No vehicles - Public Access Only	Good example of beach access
3 Glendinning Park	No vehicles - Public Access Only	Good flat access to the beach, consider Disabled Access
4 Pedestrian Access way (PAW)	No vehicles - Public Access Only	
5 Access via Private Property (Lots)	No vehicles - Public Access Only	Access via Private Property - shouldn't be encouraged by any upgrade
6 Park Access to Beach	No vehicles - Public Access Only	Flat terrain, could be considered for Disabled Access
7 West of Lot 207 (PSA: 85 Glendinning Road)	No vehicles - Public Access Only	Walkway steep heavy sand
8 Yeroway Place	No vehicles - Public Access Only	Walkway heavy sand
9 Opposite Lot 17 (PSA: 271 Glendinning Road)	No vehicles - Public Access Only	
10 Queenskyle Close	No vehicles - Public Access Only	Walkway very heavy sand
11 South End Carpark	No vehicles - Public Access Only	Walkway heavy sand

• At the Reserve (R39738) is near heavy populated areas, more consideration be given to Disabled Access within this reserve for the residences south of town.

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LEGEND

- Public Access Only
- Public Access Only (via Private Property)
- Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated

BEACH ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Upon Court	No vehicles - Public Access Only	Sand access - not developed
2 West of Lot 55 (PSA, 25 Greenhilling Road)	No vehicles - Public Access Only	Good example of beach access
3 Greenhilling Park	No vehicles - Public Access Only	Good flat access to the beach consider Disabled Access
4 Pedestrian Access way (PAW)	No vehicles - Public Access Only	
5 Access via Private Property (Lots)	No vehicles - Public Access Only	Access via Private Property - shouldn't be encouraged by any upgrade
6 Park Access to Beach	No vehicles - Public Access Only	Flat terrain, could be considered for Disabled Access
7 West of Lot 107 (PSA, 85 Greenhilling Road)	No vehicles - Public Access Only	Walkway steep heavy sand
8 Torquay Place	No vehicles - Public Access Only	Walkway heavy sand
9 Opposite Lot 87 (PSA, 121 Greenhilling Road)	No vehicles - Public Access Only	
10 Queenscliffe Close	No vehicles - Public Access Only	Walkway very heavy sand
11 South End Carpark	No vehicles - Public Access Only	Walkway heavy sand

- As the Reserve (R39738) is near heavily populated areas, some consideration be given to Disabled Access within this reserve for the road area south of lots.

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LEGEND

- - - Public Access Only
- - - Public Access Only (via Private Property)
- - - Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- - - Recreation Vehicle Access (4WD) - Poor Condition
- - - Current Access to be Rehabilitated

BEACH ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Upton Court	No vehicles – Public Access Only	Sand access – not developed
2 West of Lot 55 (PSA 19 Glendinning Road)	No vehicles – Public Access Only	Good example of beach access
3 Glenelg Park	No vehicles – Public Access Only	Good flat access to the beach, consider Disabled Access
4 Pedestrian Access-way (PAW)	No vehicles – Public Access Only	
5 Access via Private Property (Lots)	No vehicles – Public Access Only	Access via Private Property – shouldn't be encouraged by any upgrade
6 Park Access to Beach	No vehicles – Public Access Only	Flat terrain, could be considered for Disabled Access
7 West of Lot 207 (PSA 85 Glendinning Road)	No vehicles – Public Access Only	Walkway steep; heavy sand
8 Teiquay Place	No vehicles – Public Access Only	Walkway heavy sand
9 Opposite Lot 37 (PSA 123 Glendinning Road)	No vehicles – Public Access Only	
10 Coonocoffe Close	No vehicles – Public Access Only	Walkway very heavy sand
11 South End Carpark	No vehicles – Public Access Only	Walkway heavy sand

As the Reserve (R39738) is near heavily populated areas, some consideration be given to Disabled Access within this reserve for the residence south of it.

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Map produced by the City of Greater Geraldton
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R39738

Scale: 1:1

Date 07-Feb-13
 Department IPD (Assets)
 Drawing No
 Operator RJH
 Paper Size A4

MAP011

R39738	<i>Glendinning Foreshore</i>
Purpose:	Recreation
Vesting:	Shire of Greenough
Lot/Town Lot:	Victoria Location 11687
Class:	C

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Definition is from the Landgate Glossary on the Landgate website www.landgate.wa.gov.au

BEACH ACCESS SURVEY DATA

Map.11 Sheet R39738

9 -South End car park	No vehicle – Public access	Walkway heavy sand
8 -Queenscliffe Close	No vehicle – Public access	Walkway very heavy sand
7 -Torquay Place	No vehicle- Public Access	Walkway heavy sand
6 -West of lot 205	No vehicle-public access	Walkway steep heavy sand
5 -Park Access to beach	No vehicle-Public access	Could be considered for disabled access flat terrain
4 -Access via Private Lots	No vehicle – public access	Access via private property-should not be encouraged by any upgrade
3 -Glendinning Park	No vehicle – public access	Good flat access to beach consider Disabled access
2 -West of Lot 55	No vehicle – public access	Good example of beach access
1 -Upton Court	No vehicle – public access	Sand access – not developed

- As this Reserve is near heavy populated areas some consideration be given to disabled access within this reserve for the residence south of town



Name - BEACH ACCESS SURVEY DATA

TITLE – RESERVE NUMBER R39738 – MAP.11

There is no vehicle – public access only allowed within this reserve and during the field inspection there was no evidence found of vehicles using the beach.

The area is subject to extensive sand movement at the southern end of the reserve and most walkways used for accessing the beach are covered with deep sand in this section until north of Tarcoola Beach.

In the central section of the reserve where there are private houses west of Glendenning Road the beach is being accessed on foot through private vacant lots and these should not be improved or maintained to ensure CGG are not seen as encouraging this access.

Beach access north of Glendenning Park are much more user friendly with flat firm walkways free of heavy windblown sand, and it is in these areas that if Disabled beach access was to be part of a long term management policy then this area would be the easiest to develop and maintain for disabled access.

A general issue within this section of the coastline is the movement of beach sand during strong southerly winds, consideration for trialling various stabilising techniques may be worthwhile as there is no vehicular traffic occurring within the reserve to damage the trial.

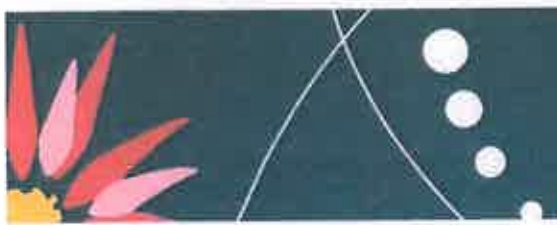
There are cells of healthy remnant vegetation within parts of this reserve that represent the original dune cover.

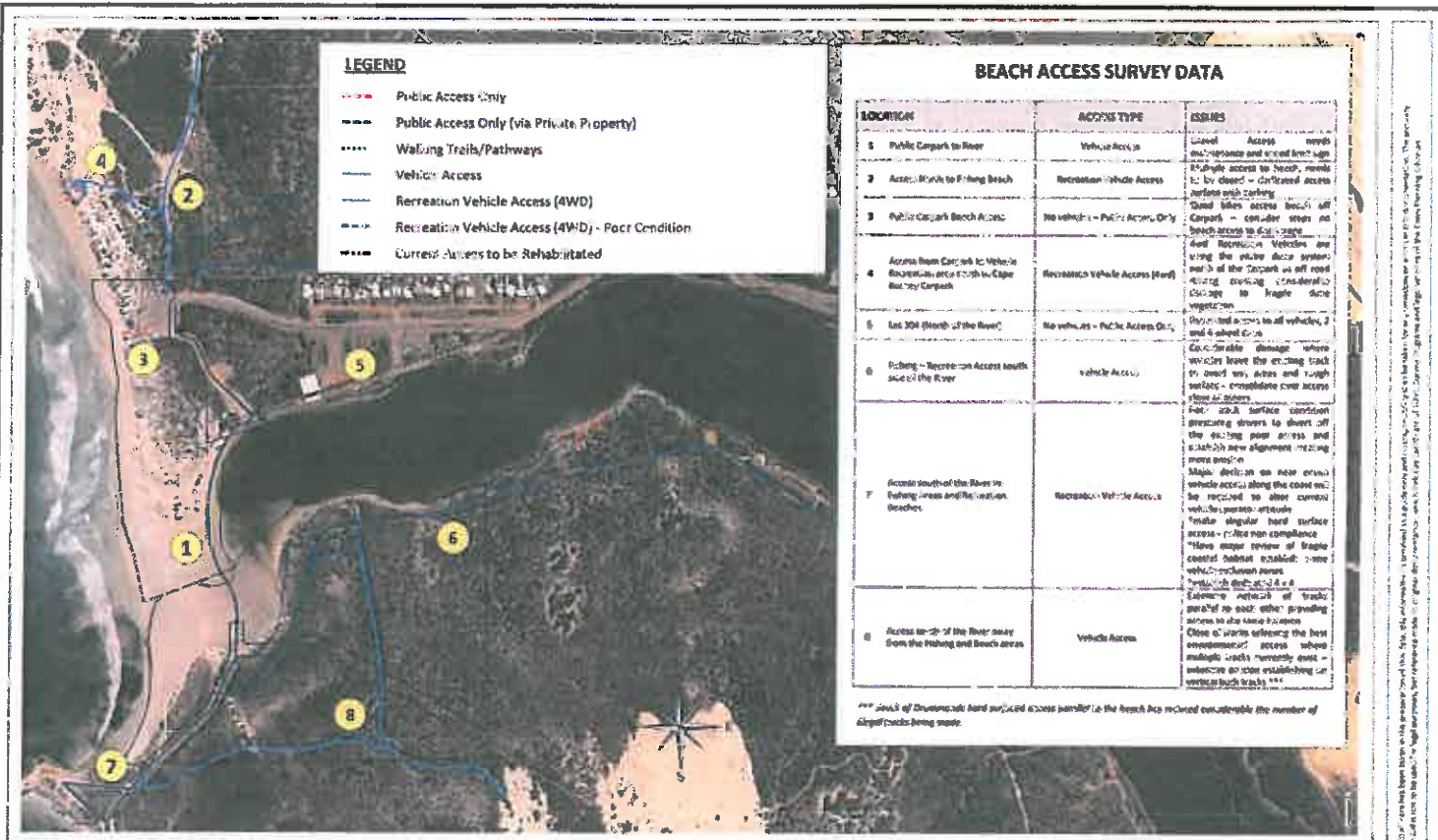


Tarcoola Beach Access



Well Maintained – Possible Disable Access





LEGEND

- Public Access Only
- Public Access Only (via Private Property)
- ... Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- Recreation Vehicle Access (4WD) - Poor Condition
- Current Areas to be Rehabilitated

BEACH ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Public Carpark to River	Vehicle Access	Level Access needs improvement and good foot sign
2 Access from Fishing Beach	Recreation Vehicle Access	Multiple access to beach, needs to be closed - different access points with parking
3 Public Carpark Beach Access	No vehicles - Public Access Only	Good level access from off carpark - consider steps on beach access to car park
4 Access from Carpark to Vehicle Recreation area north to Cape Murray Carpark	Recreation Vehicle Access (4WD)	Good Recreation Vehicle and using the water door system north of the carpark as off road using existing roads/paths - escape to fragile dune vegetation
5 East 304 (North of the River)	No vehicles - Public Access Only	Restricted access to all vehicles, 2 and 4 wheel drive
6 Fishing - Recreation Access south side of the River	Vehicle Access	Excavatable damage where vehicles leave the existing track to road way, dunes and rough surface - consolidate over access from access
7 Access south of the River to fishing areas and the western beach	Recreation Vehicle Access	Foot path surface condition preventing drivers to short off the existing path access and establish new alignment using more erosion Major debris on near creek vehicle access along the coast can be reduced to allow control vehicle passage - provide regular hard surface access - (for non compliance) Have major review of fragile coastal habitat include zone vehicle exclusion areas Establish defecation area
8 Access north of the River away from the fishing and beach areas	Vehicle Access	Extreme network of tracks parallel to each other providing access to the same location Close works reducing the best environment access where multiple tracks currently exist - consider on site establishing car vehicle tracks

*** Levels of disturbance and surface access parallel to the beach has increased considerably the number of illegal tracks being made

07/2018 - This map has been prepared in accordance with the Survey Act 1985 and the Survey Regulations 1985. It is a public document and its use is restricted to the purposes for which it was prepared. It is not to be used for any other purpose without the written consent of the City of Greater Geraldton.

RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP012

R20995	<i>Greenough River-mouth</i>
Purpose:	Recreation
Vesting:	Shire of Greenough
Lot/Town Lot:	Lots 301-305
Class:	C

R24430	
Purpose:	Camping and Recreation
Vesting:	Shire of Greenough
Lot/Town Lot:	Victoria Location 10411
Class:	C

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BEACH ACCESS SURVEY DATA

Map Sheet – R 20995 & 24420

LOCATION	ACCESS TYPE	ISSUES
1 -Public Car Park to River	Vehicle Access	Gravel Access needs Maintenance & Speed limit sign
2 -Access north to fishing beach *	Vehicle Recreation area access	Multiple access to beach needs to be closed dedicated access surfaces with park bay
3 -Public Car park beach access	No vehicle public access only	Quad bikes access beach off car park – consider steps on beach access to discourage
4 -Access from car park to vehicle recreation area north of CB car park *	4 x 4 Vehicle recreation area only	4 x 4 recreation vehicles are using the entire dunes system north of the car park as off road driving creating considerable damage to fragile dune vegetation
5 -Location 304 north of the river	No vehicle Public access only	Restrict access to all vehicles 2 and 4 wheel
6 -Fishing – recreation access south side of the river *	Vehicle access	Considerable damage where vehicles leave the existing track to avoid wet areas and rough surface -- consolidate river access close all others
7 -Access south of the river to fishing areas and recreation beaches	Vehicle recreation area access	<p>Poor track surface condition pressuring drivers to divert off the existing poor access and establish new alignment creating more erosion</p> <p>Major decision on near ocean vehicle access along the coast will be required to alter current vehicle operator attitude</p> <p>*make singular hard surface access -- police non compliance</p> <p>*Have major review of fragile coastal habitat establish some vehicle exclusion zones</p> <p>*establish dedicated 4 x 4</p>



BEACH ACCESS REPORT R20995 – MAP.12

The public access to the beach from the car park is well signposted and relatively easy to access by people using the beach, it is also used occasionally as access by high powered off road bikes.

Would stepping the access with limestone blocks be a suitable deterrent?

The access from the car park to the river mouth needs some work on the surface and a speed limit sign at the point of entry to the access, considerable traffic converge on this point.

Access north of the car park to a popular fishing spot is encouraging vehicles to seek multiple alternative tracks because of the deep loose sand in much of the area, and this is causing considerable damage to the little remaining vegetation cover.

The reserve only extends a short distance north of the car park therefore the greater part of this access is not on CGG tenure but is shown as an access in GIS data.

Is there any agency (Coast Care etc),that may be contacted to see if a collaborative approach is possible with the aim of establish a single access to the fishing beach, and rehabilitate the extensive damage done to the fragile dune cover by indiscriminate 4 x 4 vehicle operators?

The walk tracks from the east end of the reserve along the river towards the launching ramp and Rowing Club building are well used and in good condition, but require some further barriers and perhaps signage to stop vehicle access near the gazebo.



Multiple Acces to Northern Fishing Beach

Walkway Signage to Discourage Vehicle Entry





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Multiple Access Vegetation Damage



Fishing Point Access Soft Surface



River Fishing Area Access Track Erosion






Unauthorised Access to High Vantage Point



MAP 13
Greenough River

LEGEND

-  Vehicle Access
-  Walking Trails/Pathways
-  Reserve Boundaries

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MAP 13
Greenough River

LEGEND

-  Vehicle Access
-  Walking Trails/Pathways
-  Reserve Boundaries

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Map produced by the City of Greater Geraldton
 20 www.cityofgeraldton.wa.gov.au E council@cityofgeraldton.wa.gov.au

R1088 R7276 R28653

Scale 1:20,000

Date	17 April 13
Department	CLS
Drawing No.	MAN131 (E)
Operator	NT
Paper Size	A4

RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP013

R1088	
Purpose:	Water
Vesting:	Shire of Greenough
Lot/Town Lot:	Vic Loc
Class:	C

R7276	
Purpose:	Parklands
Vesting:	Shire of Greenough
Lot/Town Lot:	Lots 12018, 12084 and 12169
Class:	A

R28653	
Purpose:	Recreation and Beach Cottages
Vesting:	Shire of Greenough
Lot/Town Lot:	Victoria Location 10801
Class:	C

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COASTAL ACCESS SURVEY DATA

Reserve No..1088 7276 28653

LOCATION	ACCESS TYPE	ISSUES
9-Reserve 7276 East end	Vehicle Access	Numerous Access tracks to river bank rubbish & erosion
8-Devlin Pool East Access	Vehicle Access	Bollards removed to allow vehicle access through to Devlin Pool Rd north
7-Devlin Pool North Walk Trail	No vehicle – Public Access	Motor bikes use walk track! Interest points along trail need clearing to enable access to view river
6- Walk Trail Rest Seating	No vehicle – Public Access	Information Plaque needs to be replaced viewing access to the river needs pruning
5- Gazebo Access on walk trail	No vehicles – Public Access	Access to Gazebo needs maintenance with Gravel
4- NW end of Walk Trail	No vehicle – Public Access	Sealed section suitable for wheelchair access – Include on Notice Panel
3-Greenough River Mouth	Vehicle Access	4 x 4 Access along the river poor condition many diversions off the trail to avoid wet/stony areas
2- Dangerous Rocky section	Vehicle Access 4 x 4 only	Many access tracks attempting to traverse very rocky steep area above the river
1- Numerous 4 x 4 Access trails away from the river	Recreation 4 x 4 Vehicle Access	Many tracks being used by recreation vehicles# CONSIDER CLOSING OFF ALL BUT FISHING ACCESS ON THE RIVER UP TO THE ROCKY SECTION.

- General pruning required on both the Walk Trail and access paths to view river as vegetation has overgrown a number of viewing trails.




- # Consider closing off all but emergency access within the area away from the river, and restrict river access up to the Dangerous rocky section where multiple access tracks have been made.

IMAGES OF RIVER ACCESS – TRACK DIVERSION – OVERGROWN RIVER VIEWING OFF WALK TRAIL



MAP 14
Lucy's Beach (Greenough)

LEGEND

-  Recreation Vehicle Access (4WD)
-  Recreation Vehicle Access (4WD) - Poor Condition
-  Reserve Boundaries



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Map produced by: the City of Greater Geraldton
 Website: www.ggg.wa.gov.au Email: info@ggg.wa.gov.au

R8613 R37333
 Scale 1:10,000

Date	05-Apr-13
Department	CLT
Drawing No.	AVR1010 (6)
Operator	SLG
Hyperlink	NA

RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP014

R8613

Purpose:	Park
Vesting:	Shire of Greenough
Lot/Town Lot:	Vic Loc
Class:	A

R37333

Purpose:	Rifle Range
Vesting:	
Lot/Town Lot:	Victoria Location 11499
Class:	C

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Definition is from the Landgate Glossary on the Landgate website www.landgate.wa.gov.au

COASTAL ACCESS SURVEY DATA

Map.14 Reserve No..8613 – 37333

LOCATION	ACCESS TYPE	ISSUES
1 - Access to the Beach	Recreation Vehicle Access	Single Vehicle poor visibility consider "CAUTION SIGNAGE"
2 – Junction of Coastal track	East of track heavy Quad bike use area	Sand blown area bike activity Exacerbating erosion
3 – Southern Access along beach	4 X 4 Vehicle Access Only	Very poor surface in southern half of Reserve 8613
4 – Fishing Access north of tee junction	4 x 4 vehicle only	Access to fishing area

- The access generally is 4 X 4 Vehicle or Quad Bike only and there are areas where wind erosion is increasing as a result of vehicles accessing areas off the access track.



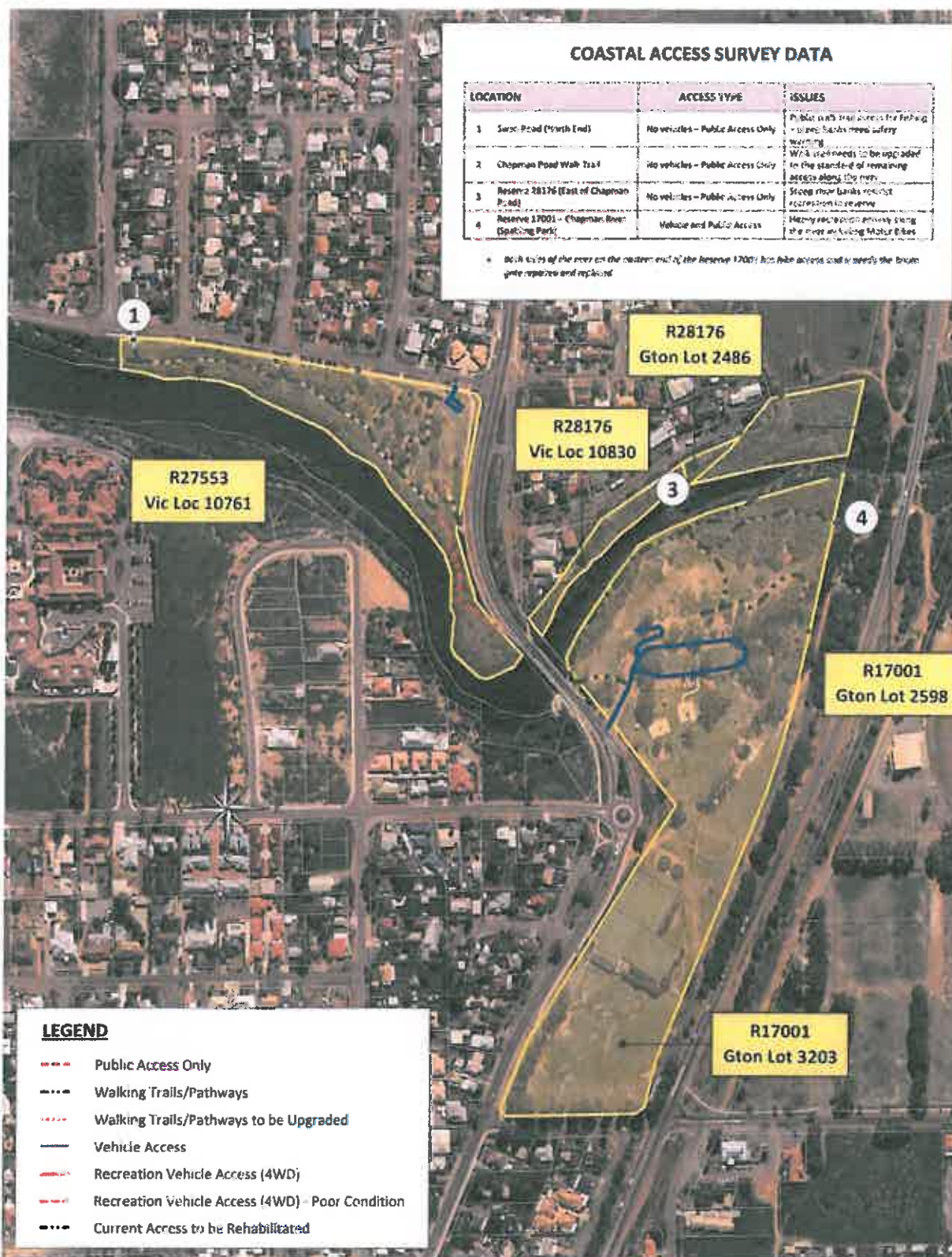
Example of good coastal access

Wind erosion access near the ocean

COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1. Sarsf. Road (North End)	No vehicles - Public Access Only	Public path trail access for fishing - signage. Safety needs safety markings
2. Chapman Road Walk Trail	No vehicles - Public Access Only	W/T path needs to be upgraded to the standard of remaining access along the river
3. Reserve 28176 (East of Chapman Road)	No vehicles - Public Access Only	Steep river banks restrict recreation to viewing
4. Reserve 17001 - Chapman River (Sparking Park)	Vehicle and Public Access	Heavy recreation activity along the river including Motor Bikes

* Both sides of the river on the eastern end of the Reserve 17001 has bike access and it needs the bike gate repaired and replaced



LEGEND

- Public Access Only
- Walking Trails/Pathways
- Walking Trails/Pathways to be Upgraded
- Vehicle Access
- Recreation Vehicle Access (4WD)
- Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated

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 Website: www.cgg.wa.gov.au E: council@cgg.wa.gov.au

R17001 R27553 R28176

Scale 1:5,000

Date: 05-Mar-13
 Department: CLS
 Drawing No.: MAP015 (A)
 Operator: RJT
 Paper Size: A4

► RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP015

R17001	<i>Spalding Park</i>
Purpose:	Public Park and Recreation
Vesting:	City of Geraldton
Lot/Town Lot:	Geraldton Lots 2598 and 3203
Class:	C

R27553	<i>Chapman/Swan POS</i>
Purpose:	Public Recreation
Vesting:	City of Geraldton
Lot/Town Lot:	Victoria Location 10761
Class:	C

R28176	<i>28176</i>
Purpose:	Public Recreation
Vesting:	City of Geraldton
Lot/Town Lot:	Victoria Location 10830 and Geraldton Lot 2486
Class:	C

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Definition is from the Landgate Glossary on the Landgate website www.landgate.wa.gov.au

COASTAL ACCESS SURVEY DATA

Reserve No..17001 – 27553 – 28176

LOCATION	ACCESS TYPE	ISSUES
1- Swan Road north end	No vehicle – Public Access	Public walk trail access for Fishing – Steep banks need Safety Warning
2-Chapman Rd park walk trail	No Vehicle – Public Access	Walk trail needs to be upgraded to the standard of remaining access along the river
3 -East of Chapman Rd Res.28176	No vehicle – Public Access	Steep river banks restrict recreation in reserve
4- Chapman Rvr Res17001	Vehicle and Public Access	Heavy recreation activity along the river including motor Bikes

*Both sides of the river on the eastern end of the Reserve No17001 has bike access and it needs the boom gate repaired and replaced.



COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Perimeter Vehicle Access	Vehicle Access - Emergency Vehicles	Recreation vehicles cutting up surface, creating flotation issues
2 Internal Emergency Vehicle Access	Vehicle Access - Emergency Vehicles	Extremely difficult to travel on deep sand surface
3 Internal Public Walkways along the River	No vehicles - Public Access Only	Motor bikes using walkways, safety conflict
4 Internal Public Walkways away from the River	No vehicles - Public Access Only	Motor bikes using walkways, safety conflict
5 Barrier Entry Points	No vehicles - Public Access Only	Recreation vehicles instantly removing and bypassing barriers

• There is an urgent need to address the emergency access issues within these reserves as they currently have high recreation activity that contributes to exacerbate the access issues.

• Emergency services vehicles have extreme difficulty traveling over the loose sand surface, a very dangerous situation when dealing with fire events within these reserves.

LEGEND

- Public Access Only
- Public Access Only (via Private Property)
- Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated

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Map prepared by the City of Greater Geraldton
 www.geraldton.wa.gov.au | 08 9422 3000

R1858 R15207 R21614

Scale: 1:10,000

Date: 08-Mar-23
 Department: GIS
 Drawing No: MAP-016 (N)
 Operator: RJJ
 Paper Size: A4

RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP016

R1858	<i>Chupman River Wildlife Corridor</i>
Purpose:	Public Park
Vesting:	Town of Geraldton
Lot/Town Lot:	Geraldton Lot 2950
Class:	C

R15207	
Purpose:	Conservation of Flora and Fauna
Vesting:	Town of Geraldton
Lot/Town Lot:	Geraldton Lot 982
Class:	C

R21614	<i>Spalding Park Golf Course</i>
Purpose:	Recreation Golf Links
Vesting:	Town of Geraldton
Lot/Town Lot:	Geraldton Lots 1165-67, 1187, 1202 and 2478-80
Class:	C

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COASTAL ACCESS SURVEY DATA

Map.16 Reserve No.1858 -15207- 21614

LOCATION	ACCESS TYPE	ISSUES
1-Perimeter Vehicle Access	Emergency Vehicles	Recreation vehicles cutting up surface creating flotation issues *
2-Internal Emergency Vehicle Access	Emergency Vehicles	Extremely difficult to travel on deep sand surface *
3-Internal Public Walkways along the river	No Vehicle – Public Access	Motor cycles using walkways safety conflict
4-Internal Public walkways away from the river	No vehicle – Public Access	Motor cycles using walkways safety conflict
5-Barriered Entry Points	No Vehicle – Public Access	Recreation vehicles blatantly removing and bypassing barriers

* Emergency services vehicles have extreme difficulty travelling over the loose sand surface, a very dangerous situation when dealing with fire events within these reserves.

There is an urgent need to address the emergency access issues within these reserves as they currently have high recreation activity that continues to exacerbate the access issue.

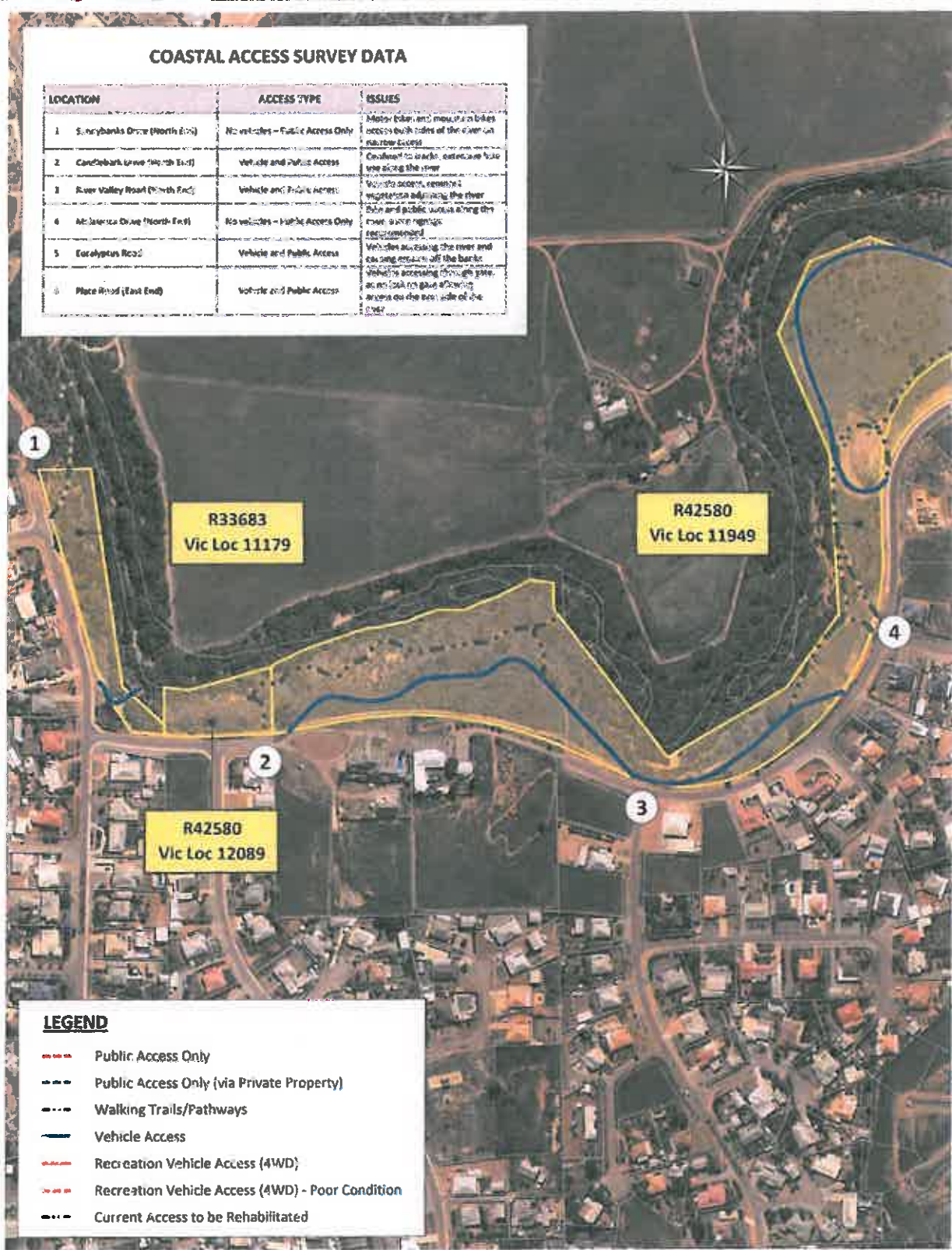


Examples of the access within the Reserve from the worst to the best

There is an urgent need for all interested Groups to meet and formulate an Access Plan for this reserve and implement the exclusion of recreation vehicles from remnant vegetation areas.

COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Sunnybanks Drive (North End)	No vehicles - Public Access Only	Motor bikes and motor scooters bikes access both sides of the river on number 2 access
2 Cardlebark Drive (North End)	Vehicle and Public Access	Convenient to reach, extensive bike use along the river
3 River Valley Road (North End)	Vehicle and Public Access	Vegetation access, extensive vegetation adjoining the river
4 Adelaide Drive (North End)	No vehicles - Public Access Only	Public and public access along the river, water rights recommended
5 Eucalyptus Road	Vehicle and Public Access	Vehicle accessing the river and causing damage off the banks, should be accessed through gate, access to the river through access to the east side of the river
6 Place Road (East End)	Vehicle and Public Access	



LEGEND

- Public Access Only
- Public Access Only (via Private Property)
- Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated

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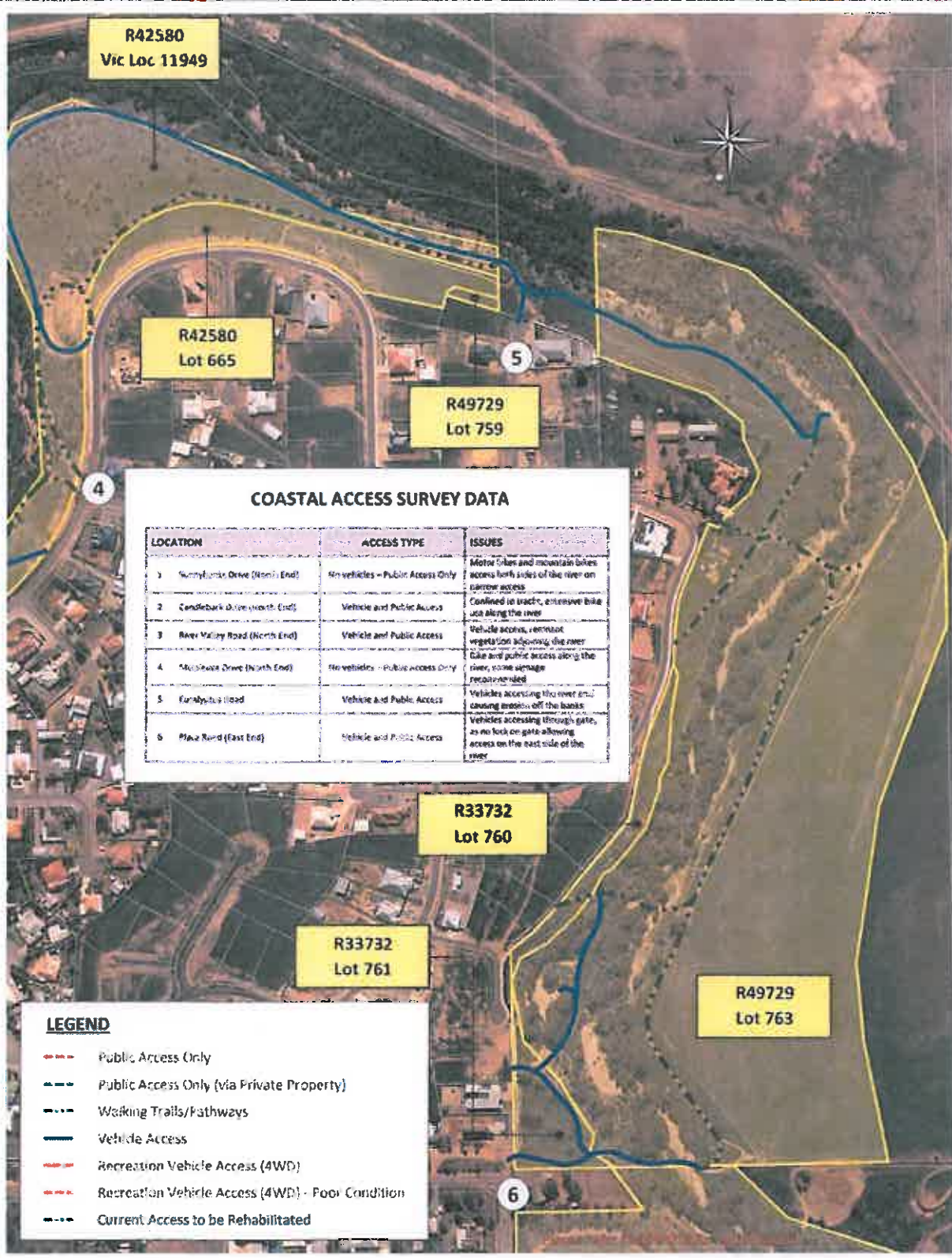


R33683 R33732 R42580 R49729

Scale 1:5,000

Map produced by the City of Greater Geraldton
 W: www.cgg.gov.au E: council@cg.gov.au

Date	05 Mar-13
Department	CL5
Drawing No.	MAP018 (A)
Operator	RJT
Paper Size	A4



R42580
Vic Loc 11949

R42580
Lot 665

R49729
Lot 759

R33732
Lot 760

R33732
Lot 761

R49729
Lot 763

COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Sunnybank Drive (North End)	No vehicles - Public Access Only	Motor bikes and mountain bikes access both sides of the river on narrow access
2 Candlebank Drive (North End)	Vehicle and Public Access	Confined to track, extensive bike use along the river
3 River Valley Road (North End)	Vehicle and Public Access	Vehicle access, removal vegetation adjoining the river
4 Meadowbank Drive (North End)	No vehicles - Public Access Only	Gate and public access along the river, some signage recommended
5 Kurlabya Road	Vehicle and Public Access	Vehicles accessing the river and causing erosion off the banks
6 Place Road (East End)	Vehicle and Public Access	Vehicles accessing through gate, as no lock on gate allowing access on the east side of the river

LEGEND

- Public Access Only
- Public Access Only (via Private Property)
- Walking Trails/Pathways
- Vehicle Access
- Recreation Vehicle Access (4WD)
- Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated

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RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP018

R33683	<i>Tersonia POS</i>
Purpose:	Public Recreation
Vesting:	Shire of Greenough
Lot/Town Lot:	Victoria Location 11179, Lots 413 and 489
Class:	C

R33732	<i>Rowan Reserve</i>
Purpose:	Public Recreation
Vesting:	City of Geraldton-Greenough
Lot/Town Lot:	Victoria Location 11728
Class:	C

R42580	
Purpose:	Public Recreation
Vesting:	City of Geraldton-Greenough
Lot/Town Lot:	Victoria Locations 11949, 12089 and Lot 665
Class:	C

R49729	
Purpose:	Foreshore Management
Vesting:	City of Geraldton-Greenough
Lot/Town Lot:	Lots 759 and 763
Class:	C

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RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

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COASTAL ACCESS SURVEY DATA

Map.17 Reserve No.33683

LOCATION	ACCESS TYPE	ISSUES
1-Tersonia Way southwest end	No vehicle – Public Access	Walk trail frequent mountain bike access also
2-S E Corner Tersonia Way	No vehicle – Public Access	Seriously eroded access to walk trail along the river
3-N E Corner Tersonia way	Vehicle Access	Vehicles accessing the remnant bush on the reserve-
4-Public Access along river	No vehicle – Public Access	Conflict with Mountain bike riders & walkers

*Considerable public use of the walking trail along the river, but there is conflict with mountain bike riders – consider some Safety Warnings!



Map.16
BEACH ACCESS REPORT R 33683

There is considerable recreation activity within this reserve by vehicles and the public on both sides of the river, although the vehicular traffic is not in conflict with the public using the lower levels along the river bank as they can't access the lower contours.

There is erosion in places where traffic is accessing the river from steep erodible banks and these need some barriers to stop the traffic access.

There is some conflict with cyclists and walkers who use the trail along the river bank as this is very popular with both groups and some signage may need to be considered to reduce the risk of an accident on one of the blind bends.

The remnant vegetation is in very poor condition reflecting the pressure from public activity within the reserve.



Walk and Cycle Access

Erosion from River Access



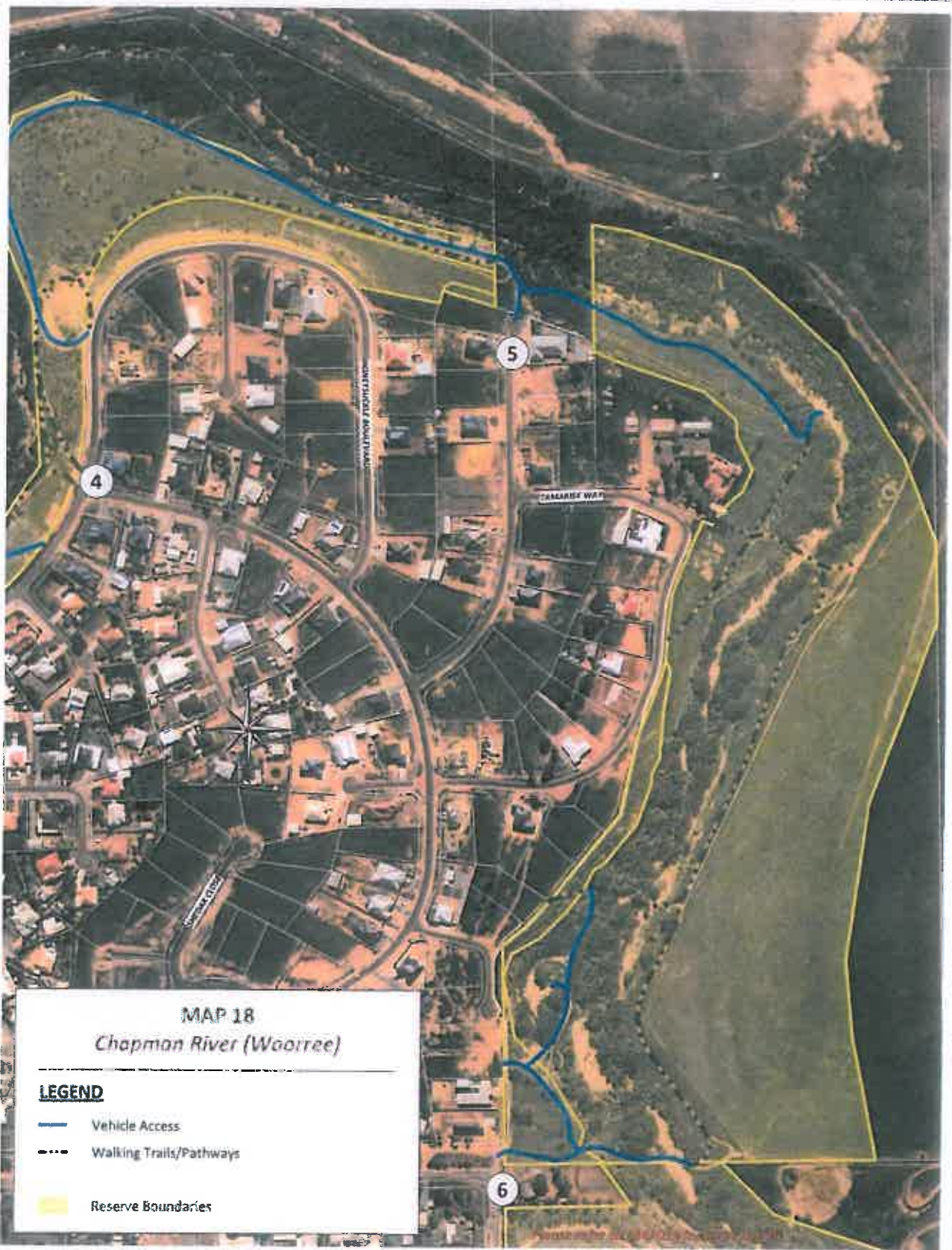
MAP 18
Chapman River (Strathalbyn)

LEGEND

- Vehicle Access
- - - Vehicle Access to Private Property
- · · · Walking Trails/Pathways
- Reserve Boundaries



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MAP 18
Chapman River (Woorree)

LEGEND

-  Vehicle Access
-  Walking Trails/Pathways
-  Reserve Boundaries

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R33683 R33732 R42580 R49729

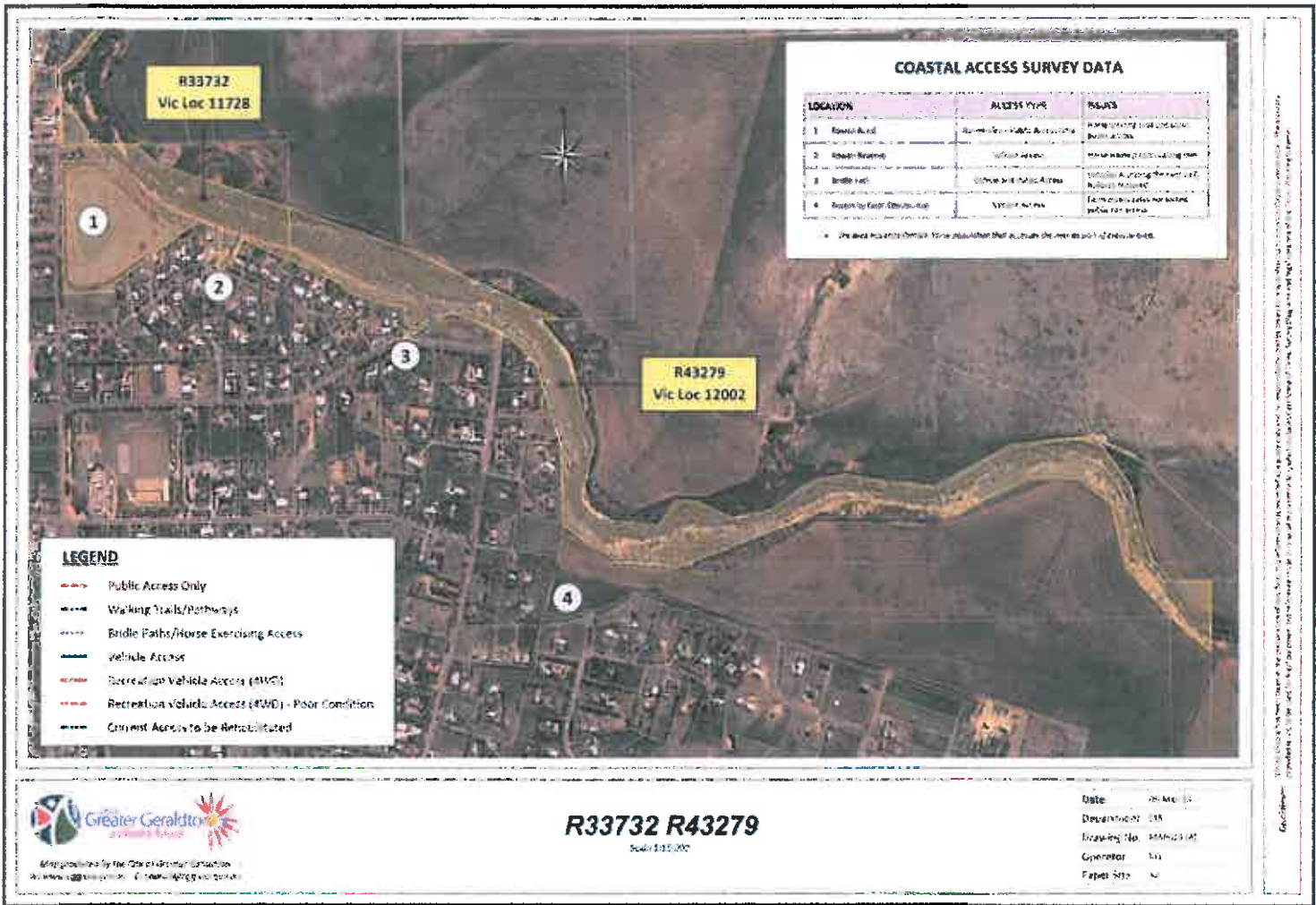
Scale 1:5,000

Date 09-Apr-13
 Department GLE
 Drawing No W/P018 (E)
 Operator R/T
 Paper Size A4

COASTAL ACCESS SURVEY DATA

Reserve No.33683 33732 42580 49729

LOCATION	ACCESS TYPE	ISSUES
1- Sunnybank North end	No vehicle – Public Access	Motor bike and mountain bikes access both sides of the river on narrow access
2- Candlebark Drive North	Vehicle access & Public Access	Confined to tracks Extensive bike use along the river
3-River Valley Rd north end	Vehicle Access – Public Access	Vehicle access remnant vegetation adjoining River
4-Melaleuca Dve North end	No vehicle – Public Access	Bike and Public Access along the river some signage recommended
5-Eucalyptus Road	Vehicle Access -	Vehicles accessing the river and causing erosion off the banks
6- East end Place Rd	Vehicle Access – Public Access	Vehicles Accessing through gate as no lock on gate allowing access on the east side of the river



R33732
Vic Loc 11728

R43279
Vic Loc 12002

COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Beach Road	General Public Access	Improving road condition Public access
2 Beach Road	Vehicle Access	Vehicle access (2WD/4WD)
3 Bridle Path	General Public Access	Condition along the road Public access
4 Access to East Beach Road	Vehicle Access	Vehicle access not being public for entry

Use local scale and details from plan that include the details of the road.

LEGEND

- Public Access Only
- Walking Trails/Pathways
- Bridle Paths/Horse Exercising Access
- Vehicle Access
- Recreation Vehicle Access (4WD)
- Recreation Vehicle Access (4WD) - Poor Condition
- General Access to be Rehabilitated

Greater Geraldton
City Council
Map provided by the State of Western Australia
As shown on www.dpi.wa.gov.au

R33732 R43279
Scale 1:10,000

Date: 26 May 15
 Department: EMS
 Drawing No: 555010105
 Operator: SJA
 Paper Size: A0

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COASTAL ACCESS SURVEY DATA

Map.19 Reserve No.33732 49729

LOCATION	ACCESS TYPE	ISSUES
1-Rowan Road	No vehicle – Public Access	Horse Training area + some public access
2-Rowan Reserve	Vehicle Access	Horse training access along river
3-Bridle Trail	Vehicle Access + Public Access	Vehicles accessing river trail bollards removed
4-Access by Farm community	Vehicle Access	Farm access gates not locked public can access

- The area has a considerable horse population that access the river as part of their exercise area.



RIVER ACCESS REPORT R33732 and R43279

The area where these reserves are located has a considerable population of people involved in the horse racing industry and the river area off Rowan Reserve is used extensively as part of their training circuit.

The area has some vehicle traffic associated with transporting horses to the parking area to offload before exercising their animals along the Bridal Trail adjacent to the river.

Public are accessing the western section of the reserve off Rowan Road for walking and cycling along parts of the river where the gradient is suitable.

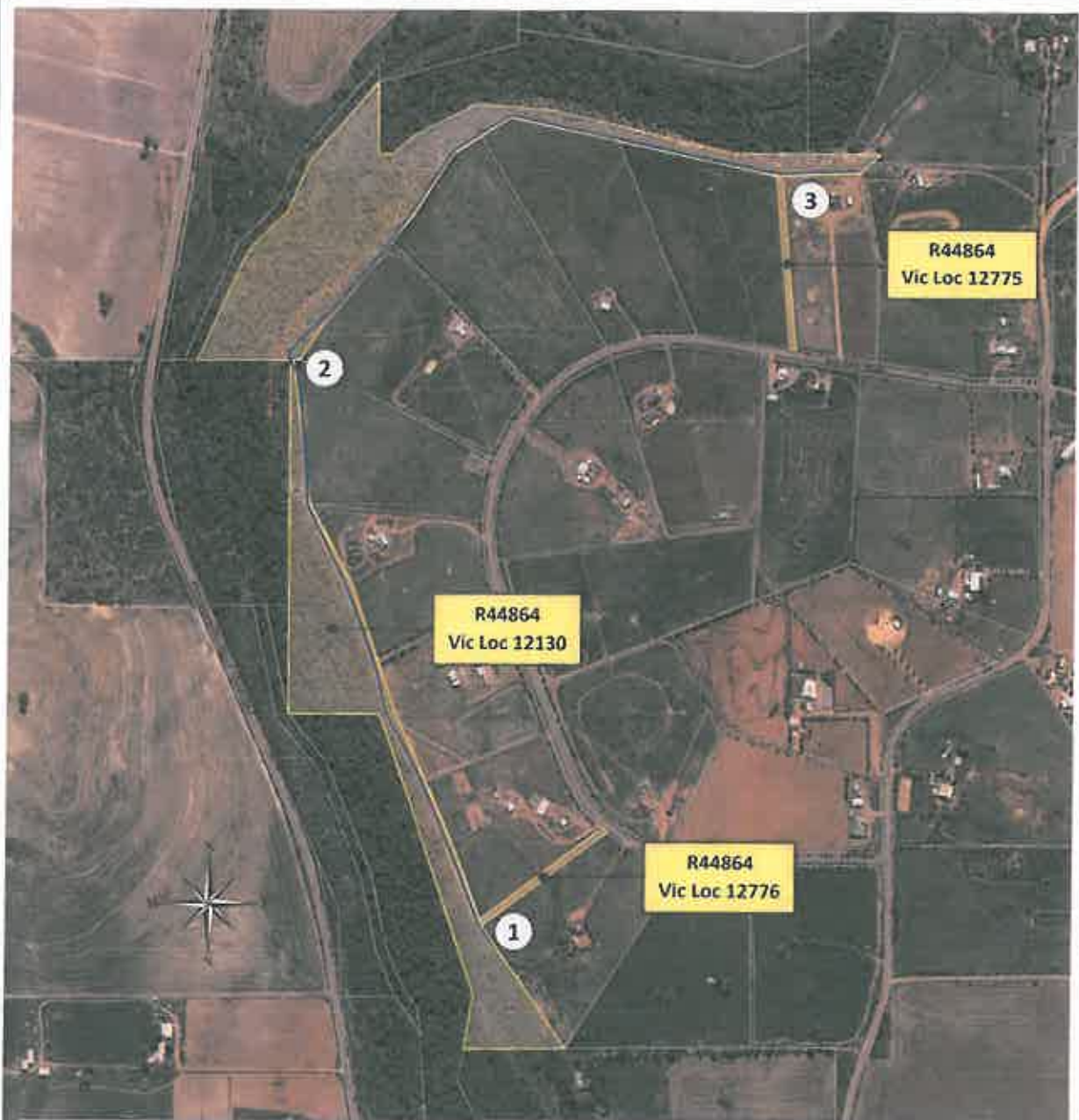
Where Polo Road terminates on the north end motor cycles and vehicles are accessing the reserve where bollards have been removed, and the No Vehicle sign obscured by tree growth.

Where the reserve 43279 adjoins the private farmland on the eastern end near Finn Loop vehicles are access the river through unlocked farm gates south of the reserve.



River Access from New Subdivision





LEGEND

- Public Access Only
- Walking Trails/Pathways
- Motor Bike Access (Limited)
- Vehicle Access
- Recreation Vehicle Access (4WD)
- Recreation Vehicle Access (4WD) - Poor Condition
- Current Access to be Rehabilitated

COASTAL ACCESS SURVEY DATA

LOCATION	ACCESS TYPE	ISSUES
1 Vic Loc 12776 (Southern End)	Vehicle Access - Emergency Vehicles	Locked access key R34845. Emergency response must have a key
2 Lot 44 - Access River	Vehicle Access	Property Owner access river off the foreshore
3 Vic Loc 12775 (Northern End)	Vehicle Access	Some Erased motor bike access in the eastern end of the Reserve

• Very limited access down into the river most activity along the eastern bank, the general condition of the Reserve is very good

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R44864
 Scale 1:10,000

Date: 06-Mar-13
 Department: CLS
 Drawing No: MAP029 (A)
 Operator: RJT
 Paper Size: A4

RESERVE DETAILS FOR COASTAL ACCESS SURVEY DATA

MAP020

R44864

Purpose:	Public Recreation
Vesting:	City of Geraldton-Greenough
Lot/Town Lot:	Victoria Locations 12130, 12775 and 12776
Class:	C

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COASTAL ACCESS SURVEY DATA

Map.20 Reserve No.44864

LOCATION	ACCESS TYPE	ISSUES
1-South End Firebreak	Emergency access Vehicles	Locked Access key 234B45 Emergency Response must have key
2- Lot. Access River	Vehicle access	Property owner access river off the firebreak
3- North end of Firebreak	Vehicle Access	Some limited motor bike access in the eastern end of the Reserve

- Very limited access down into the river most activity along the eastern bank, the general condition of the Reserve is very good.



City of
Greater Geraldton
a vibrant future



Map.20
RIVER ACCESS REPORT R44864

Access to the reserve is secured by security chains on the access off Giles Road, as a result very little traffic accesses the firebreak along the property boundary on the eastern edge of the reserve.

The condition of the vegetation within the reserve is very good with little or no rubbish and only limited motor bike activity on the eastern end close to the public road.

The firebreak is free of vegetation and trafficable but the reserve can only be accessed with a 234845 key.



RESERVE EASTERN BOUNDARY FIREBREAK



PO Box 101 Geraldton WA 6531
Geraldton Civic Centre T 08 9956 6600 F 08 9956 6674
Mullewa Office T 08 9961 1007 F 08 9961 1206
E council@cgg.wa.gov.au W www.cgg.wa.gov.au
ABN 55 907 677 173