

Field Maps of Impacted Sites

**Ningaloo Marine Park Monitoring Program
May 1998**

Number		Location	Oyster Stacks (North)	Zone	Non-Sanctuary
Previous studies		Dive & Snorkle sites WA (CALM)	Link		
HUMAN ACTIVITY					
Urban development (existing)		Urban development (proposed)		Industrial development	
Maritime Infrastructure		Commercial extraction of living resources		Recreational extraction of living resources	
Commercial boat based		Recreational boat based	✓	Commercial shore based	
Recreational shore based		Other		Off-Reserve Influences	

Number		Location	Lakeside Bombies	Zone	Non-Sanctuary
Previous studies		Dive & Snorkle sites WA (CALM)	Link		
HUMAN ACTIVITY					
Urban development (existing)		Urban development (proposed)		Industrial development	
Maritime Infrastructure		Commercial extraction of living resources		Recreational extraction of living resources	
Commercial boat based		Recreational boat based	✓	Commercial shore based	
Recreational shore based		Other		Off-Reserve Influences	

Number		Location	Turquoise Bay	Zone	Sanctuary
Previous studies		Dive & Snorkle sites WA (CALM)	Link		
HUMAN ACTIVITY					
Urban development (existing)	✓	Urban development (proposed)		Industrial development	
Maritime Infrastructure		Commercial extraction of living resources		Recreational extraction of living resources	
Commercial boat based	✓	Recreational boat based	✓	Commercial shore based	✓
Recreational shore based	✓	Other		Off-Reserve Influences	

Number		Location	Pilgramunna Ledges	Zone	
Previous studies		Dive & Snorkle sites WA (CALM)	Link		
HUMAN ACTIVITY					
Urban development (existing)	✓	Urban development (proposed)		Industrial development	
Maritime Infrastructure		Commercial extraction of living resources		Recreational extraction of living resources	
Commercial boat based		Recreational boat based		Commercial shore based	
Recreational shore based	✓	Other		Off-Reserve Influences	

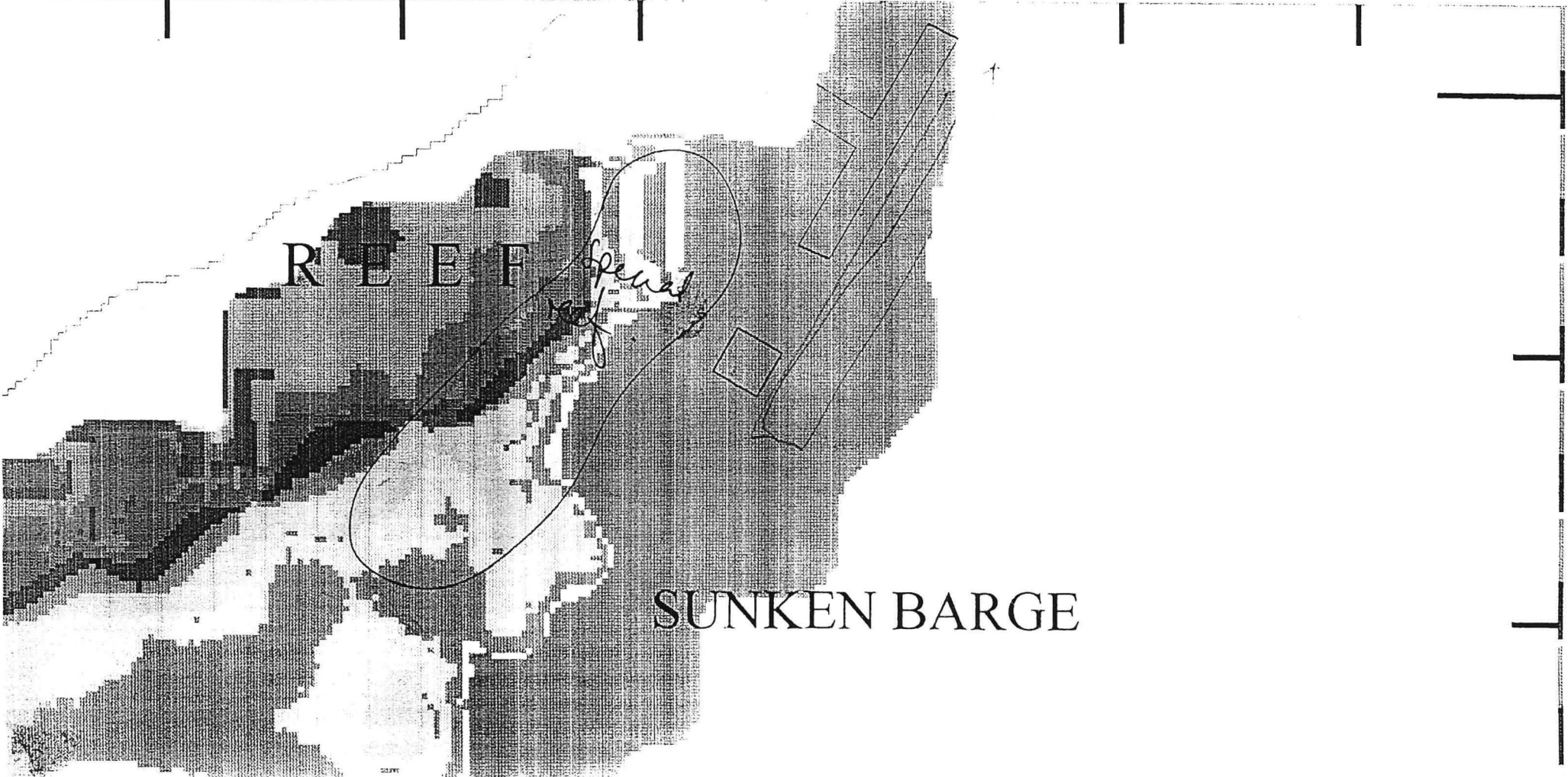
Ningaloo Key Human Usage/ Impact Sites

SECTOR (S)	NEAR NINGALOO SITE(S) #	TYPES OF ACTIVITY	GENERAL NOTES/COMMENTS
1	N1, N19 Bundegi	Boating, fishing, anchorages, mooring, shipping activity	High Impact near sanctuary boundaries, area of popular reef 400m south of Navy Pier, possibility of future increased commercial use at jetty area north of Navy Pier risk of oil, any future development of Navy facilities for public use, risk of increased activity due to future developments at Exmouth
2	N2 Mildura Wreck	Recreational use (dive, snorkel, fish, swim), shipping, high exposure to natural impact	Recreational use near wreck; natural vulnerability of NW Cape and coast
3	N20 Jurabi Pt., N5 Tantabiddi	Recreational use, boating, camping, trawling	Jurabi Pt & Tantabiddy area proposed tourist daysites; history of <i>Drupella</i> in mid-lagoon area; TALK WITH RICHARD WAIN, local glass bottom boat operator who is familiar with area
4/5	N6 Ned's Camp/Mesa	Recreational use, boating, camping, anchorages, trawling	Areas around sanctuary boundary, Ned's/Mesa proposed tourist increase, anchoring damage during Whale Shark season gap off Ned's Camp, T-Bone Bay expected use increase with any Milyering development, Lakeside CALM dive/snorkel site
7	N7 Turquoise Bay	Recreational use, camping, trawling	Turquoise Bay sand spit—popular dive site, Turquoise Bay/Oyster Stakes CALM dive/snorkel sites
8	(north of) N8 Osprey Bay	Recreational use, trawling, camping	Pilgramunna CALM dive/snorkel site, proposed tourist development
10	N21 Yardie Creek	Recreational Use, trawling, camping, boating	Yardie Creek—proposed tourist development site
12	N10 Lefroy Bay	Recreational use, trawling, camping, anchorages	Winderabandi Pt area—proposed tourist development site, history of <i>Drupella</i>
13II	(north of) N12 Dugong Sanctuary	Recreational use, camping	Pt Cloates, Ningaloo Beach area—proposed tourist development sites
16	N22 Outer Reef Bill's Bay	Urban development, recreational, boating	North passage, heaps of use close to boundary, Seagrass Meadows in Bateman Bay, <i>sargassum</i> weed banks—within SZ 800m west of Point Maud, any future development at Maud's Landing
17/18	N14 Coral Bay/Bill's Bay, N23 S. Coral Bay	Recreational use, boating, anchorage, mooring, urban development	Bill's Bay—anchor/boat damage, heavy traffic area; current/future pollution problems—history of coral loss due to leaching; S. Coral Bay future boat ramp; South passage—fishing and marine life interaction, history of <i>Drupella</i> south to Pt. Anderson
22	N16 Alison Pt	Recreational, camping	Any improvement to roads in this area may increase Warroora Homestead use

Other Noted Impacted Sites:

EXMOUTH WA

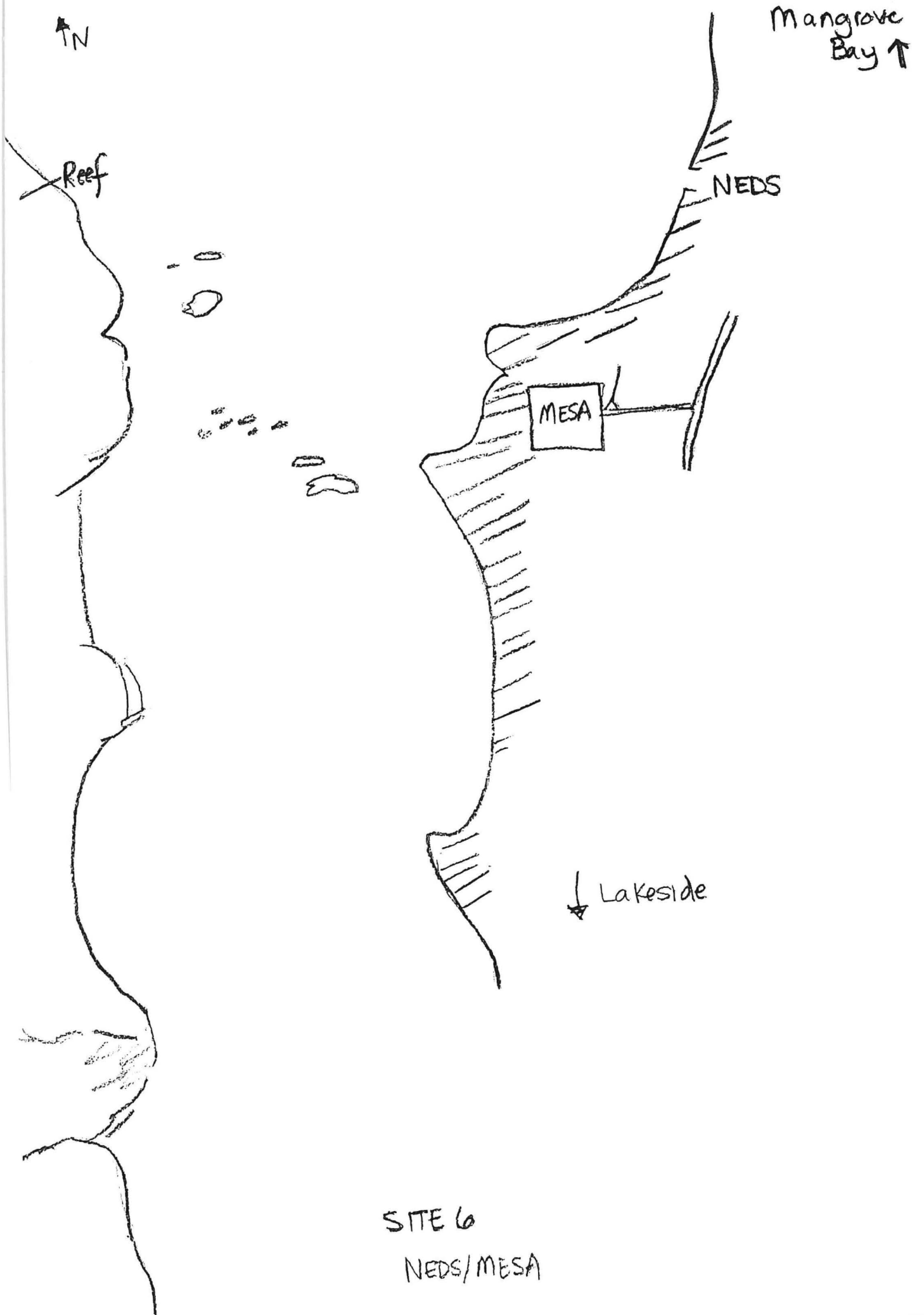
NAVY PIER



REEF

Reef

SUNKEN BARGE

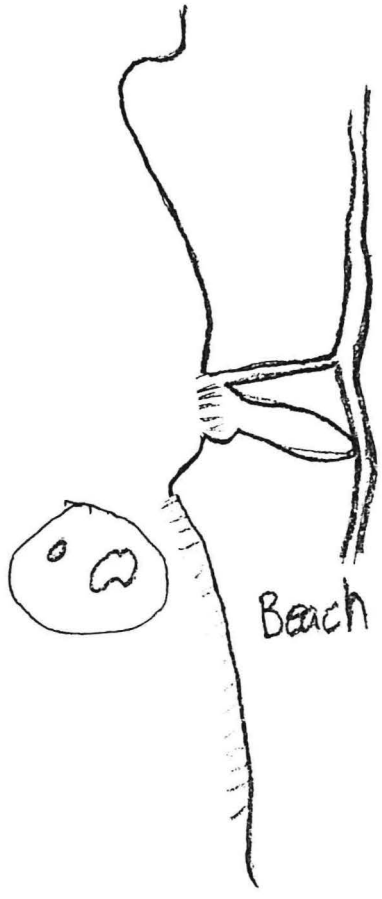


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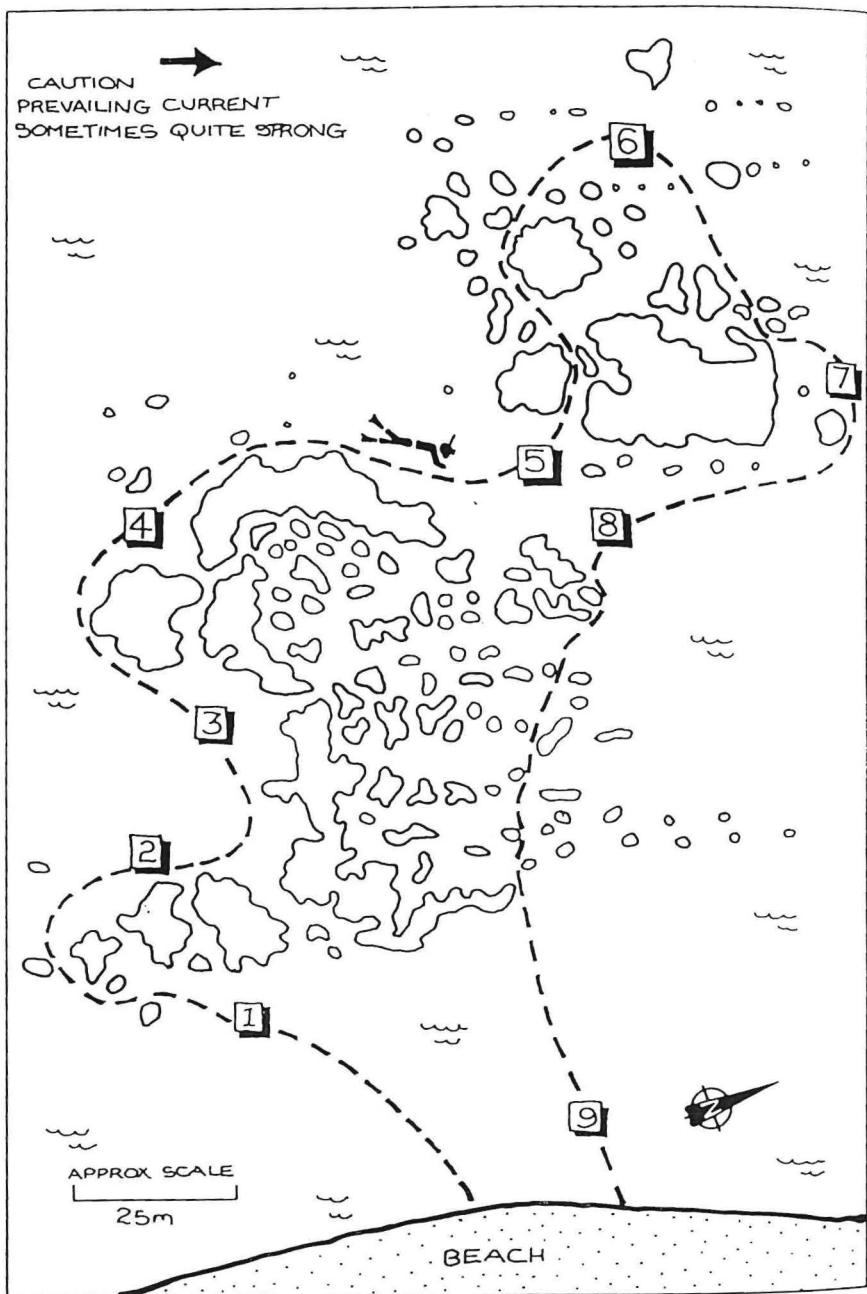
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NEDS/MESA

LAKESIDE CAMPSITE

CALM
DIVE/SNORKEL
SITE



LAKESIDE
NEAR SITE 6



A
N

CALM
DIVE/
SNORKEL



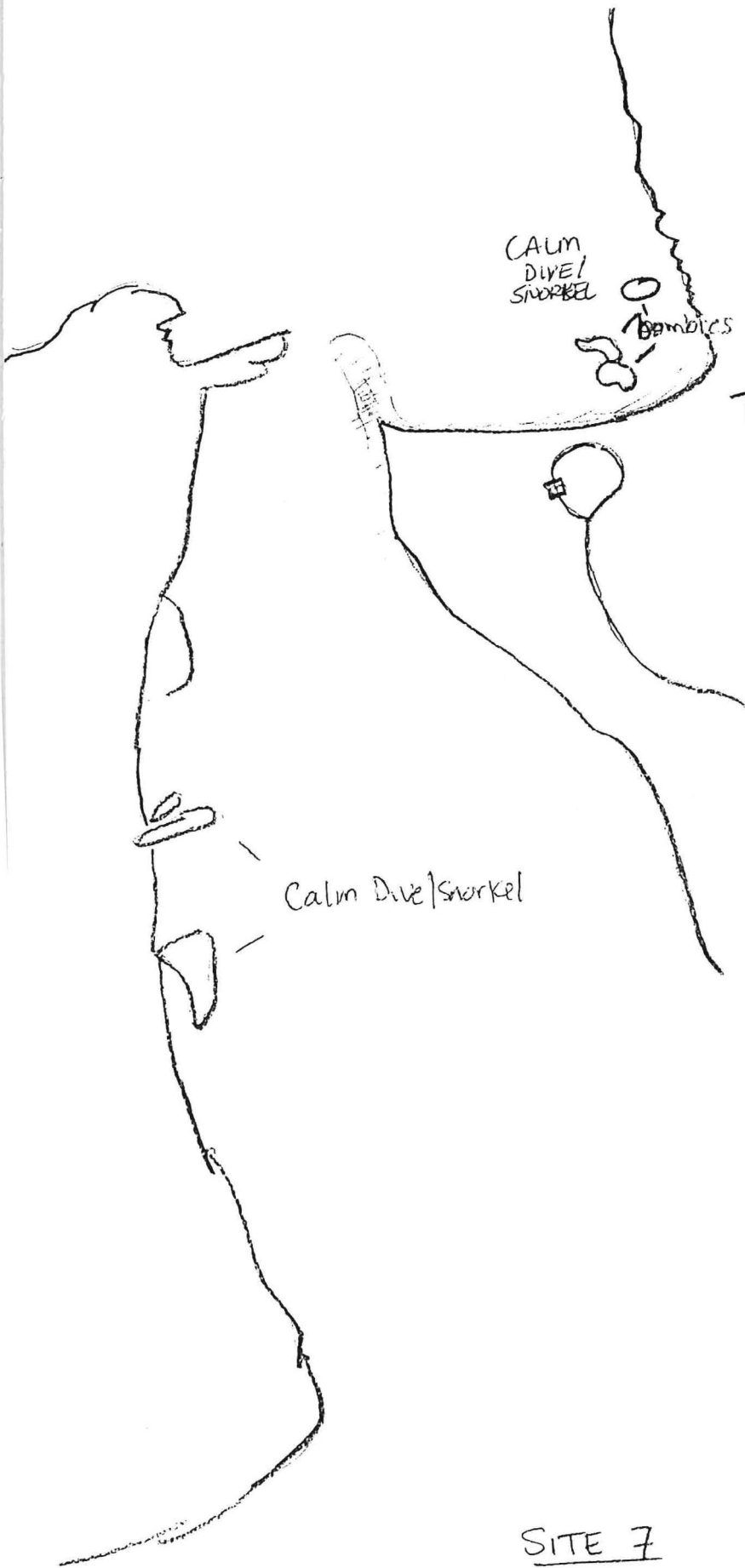
Bambies

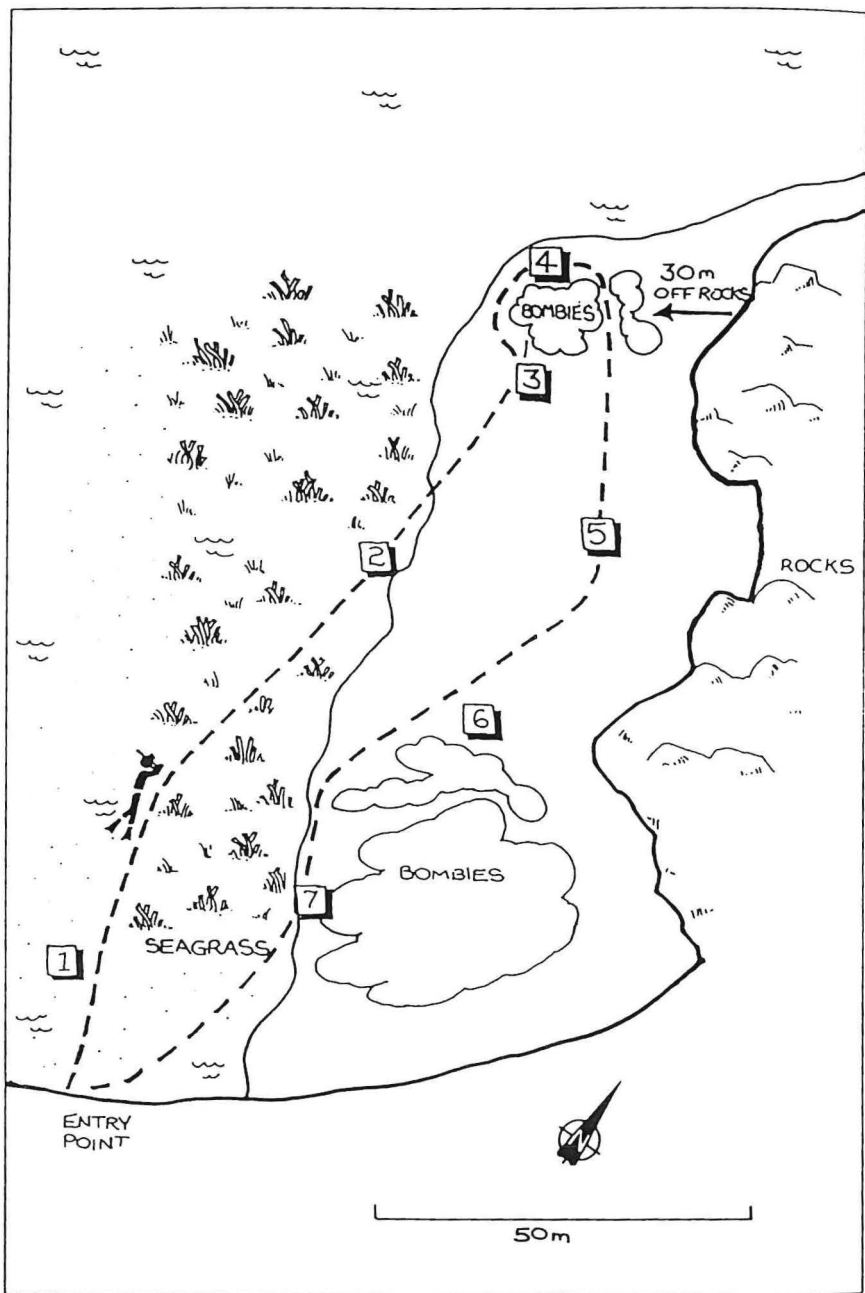
Turquoise Bay

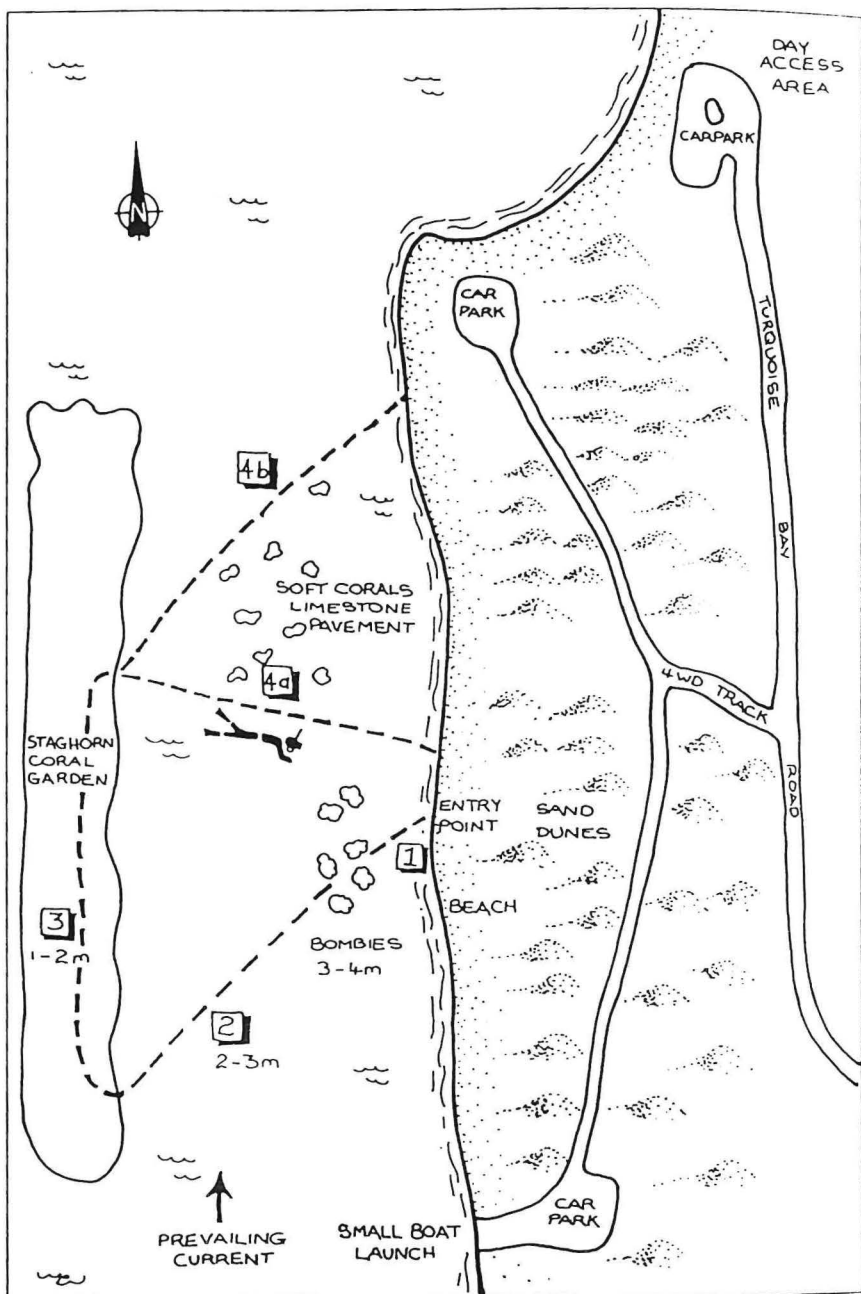
Calm Dive/Snorkel

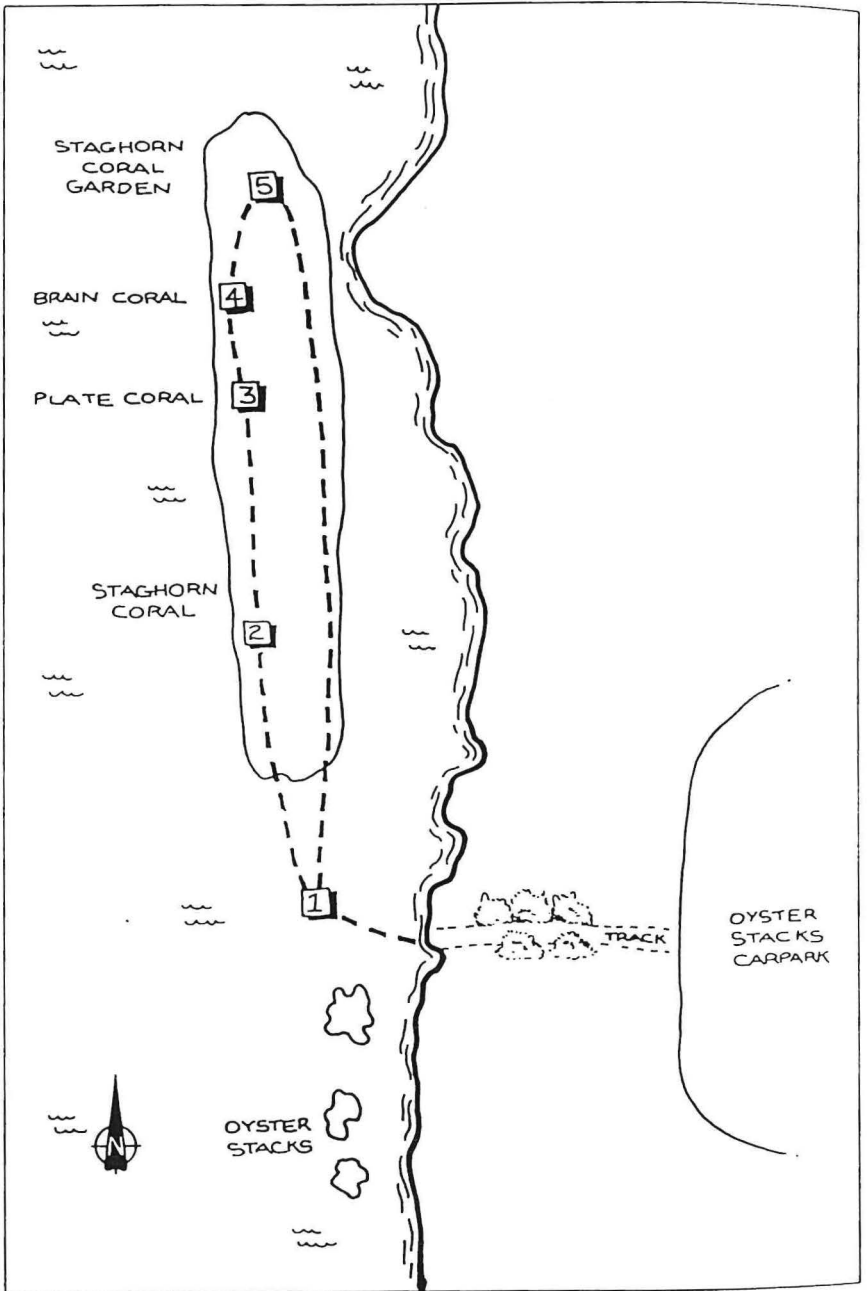
SITE 7

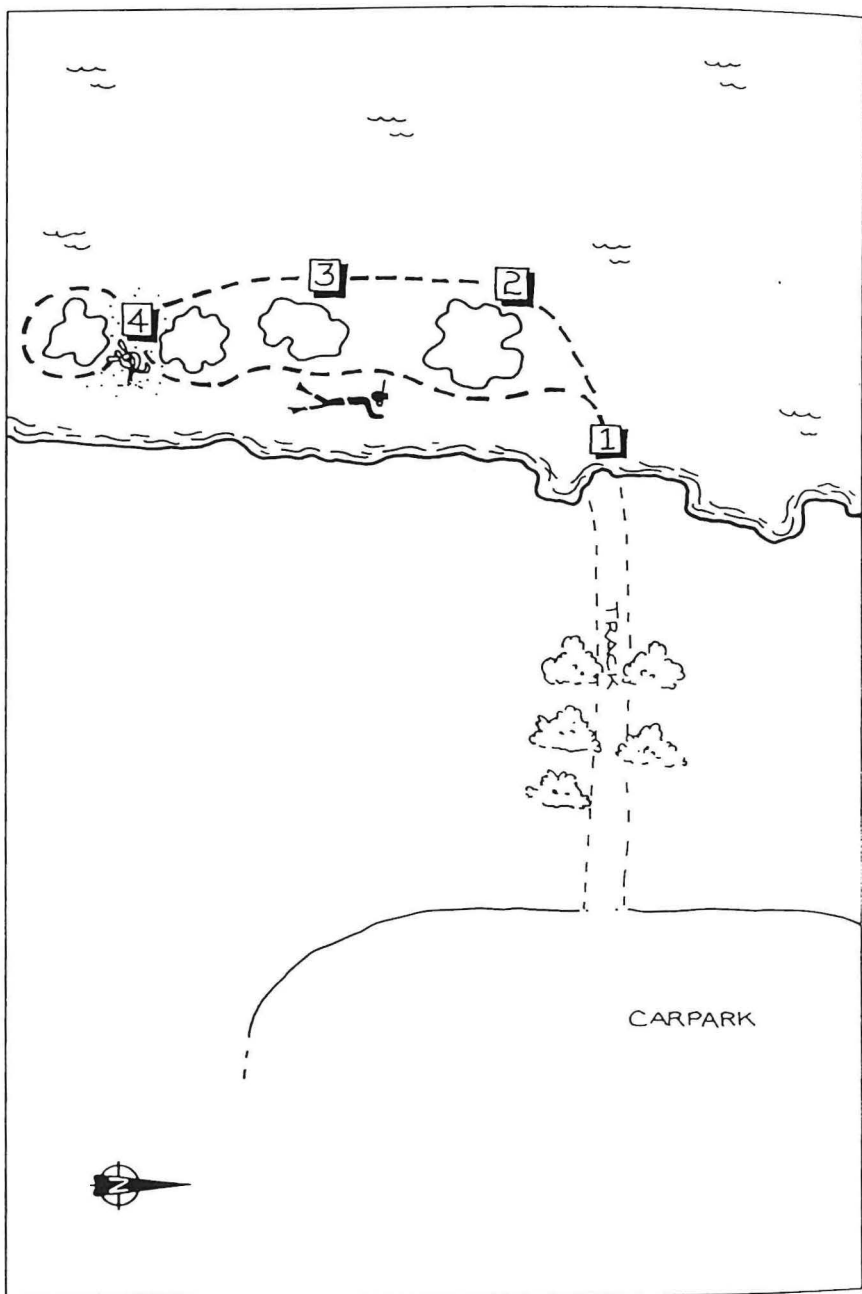
Turquoise Bay

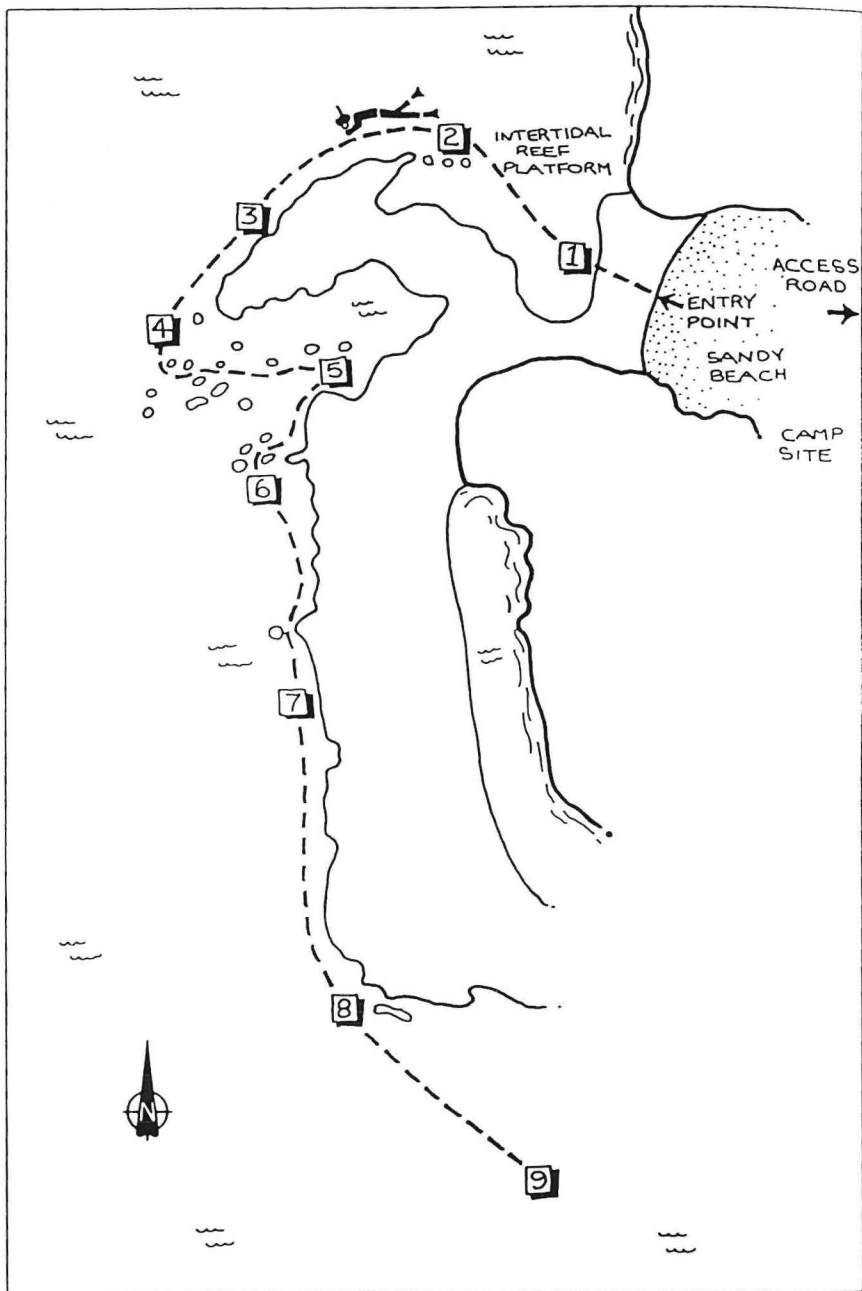


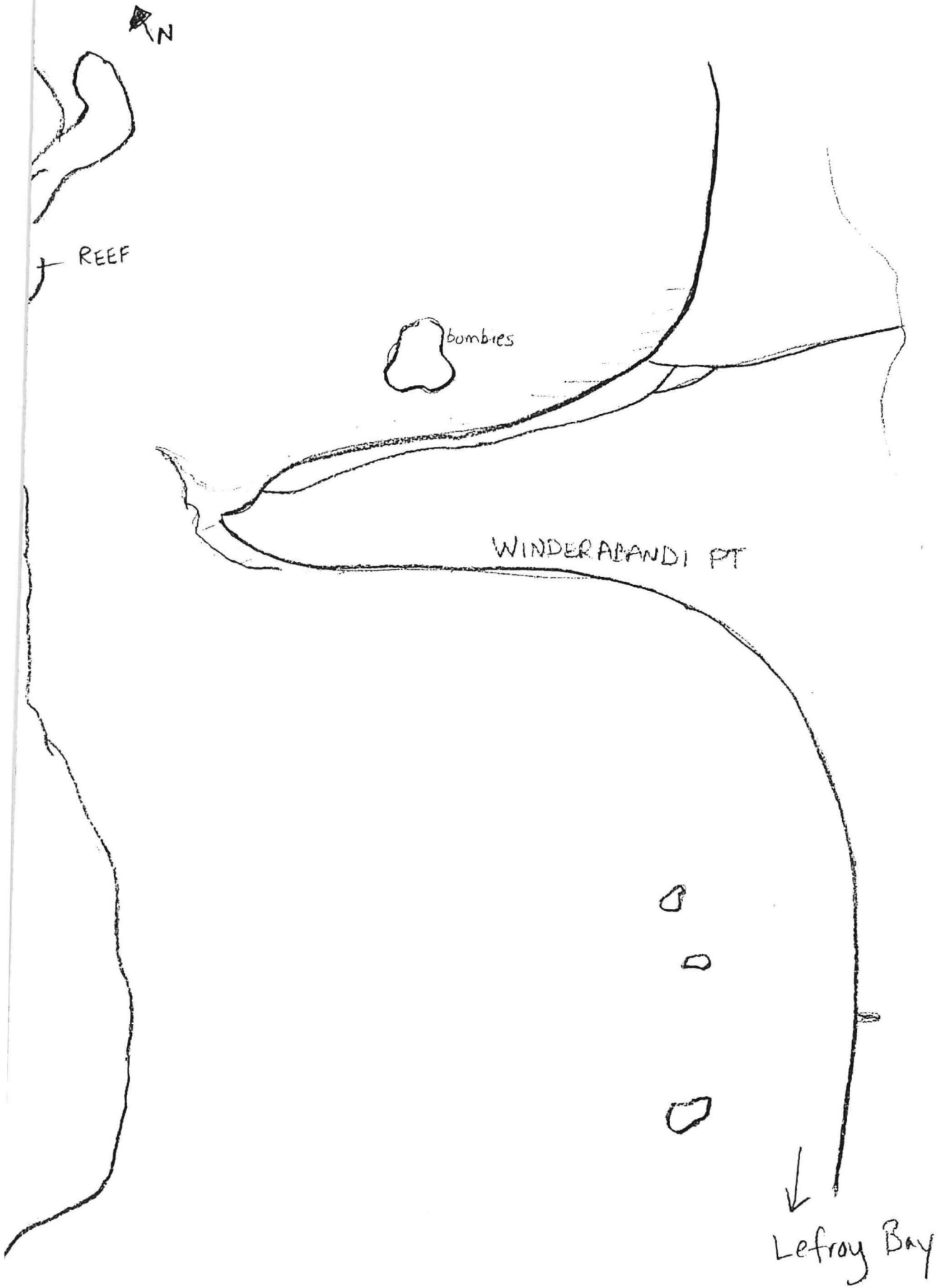












(NEAR) SITE 10

WINDERABANDI PT

RN

Reef

WINDERABANDI PTA

Lefroy Bay

shallow bumbies



SITE 10

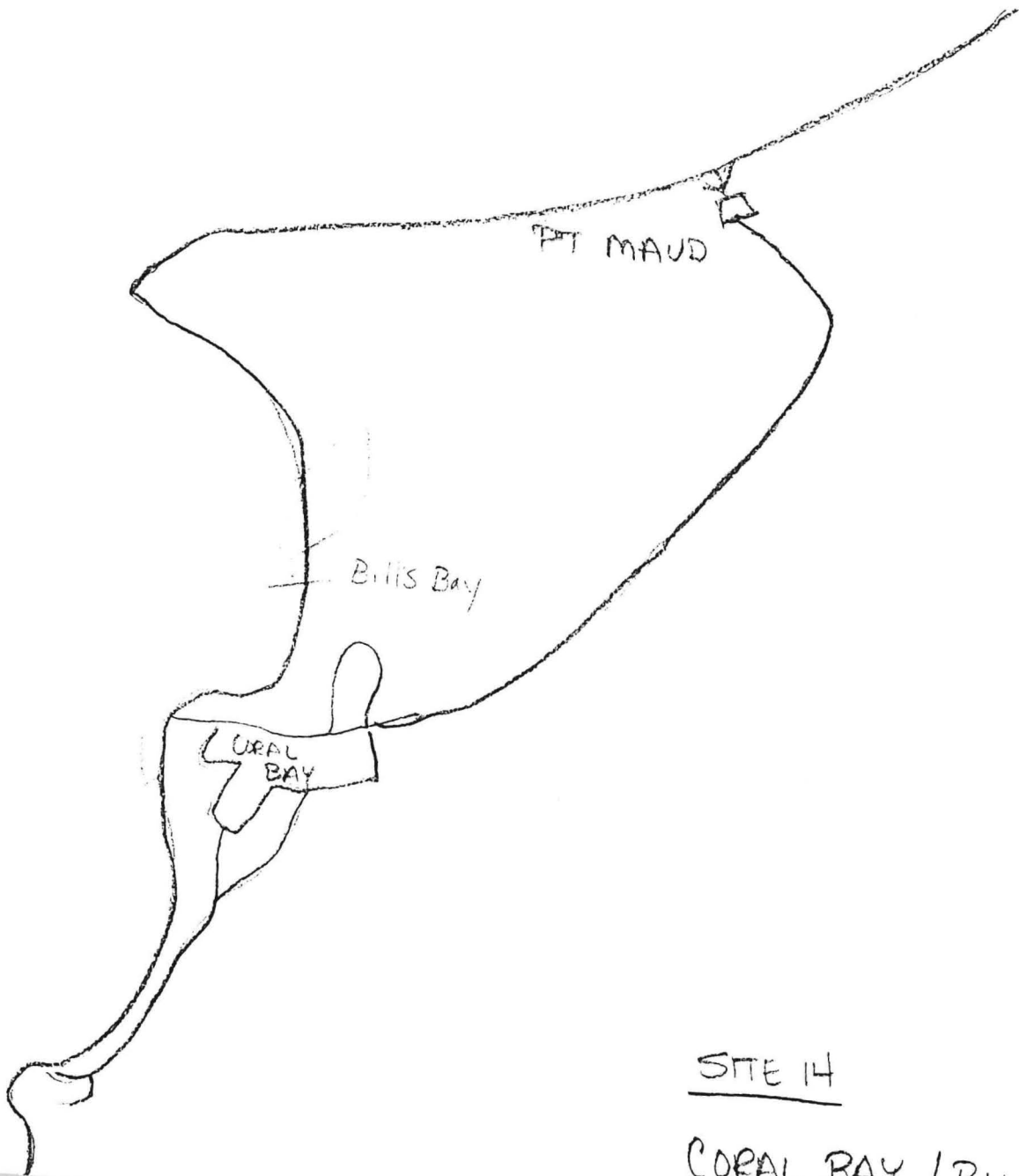
1 FEBRUARY 1944



Reef



Corals

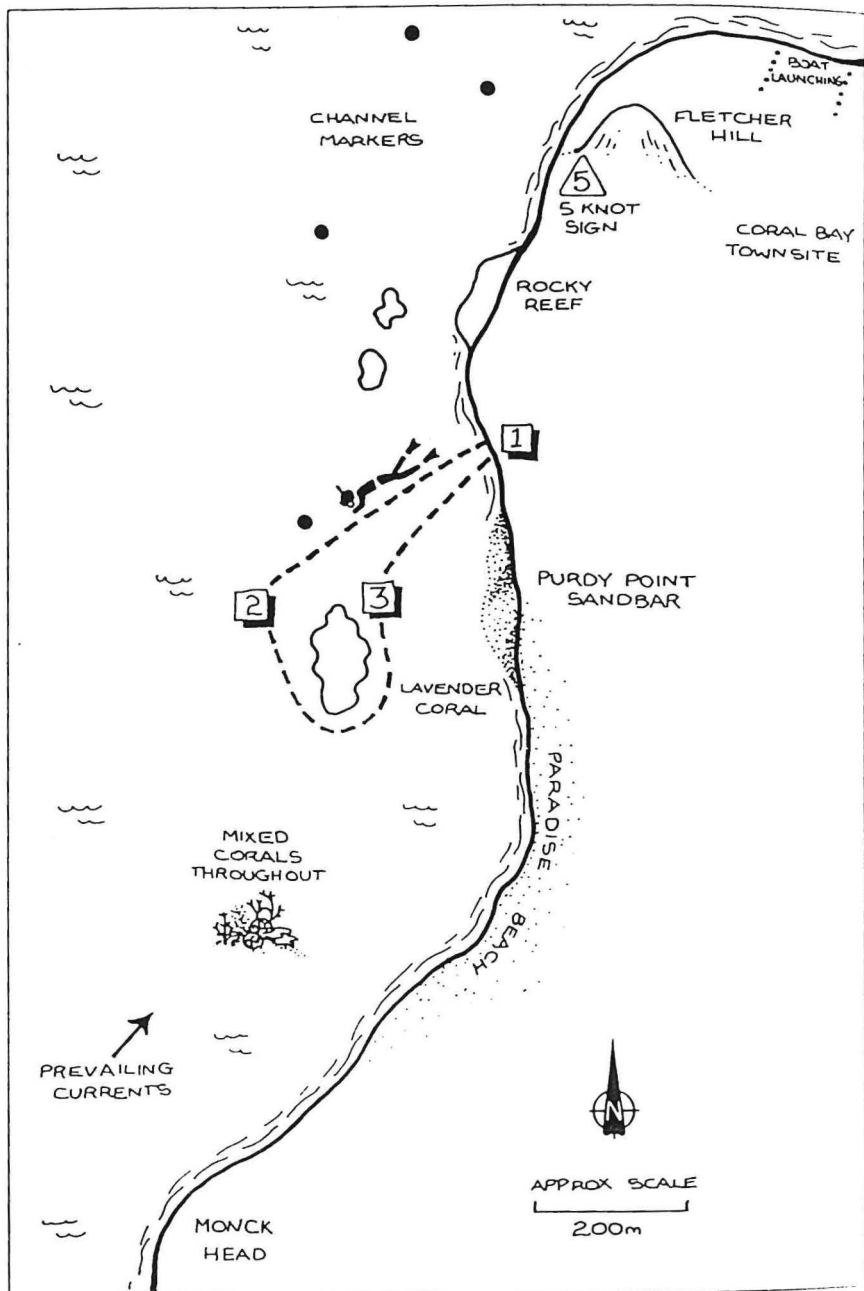


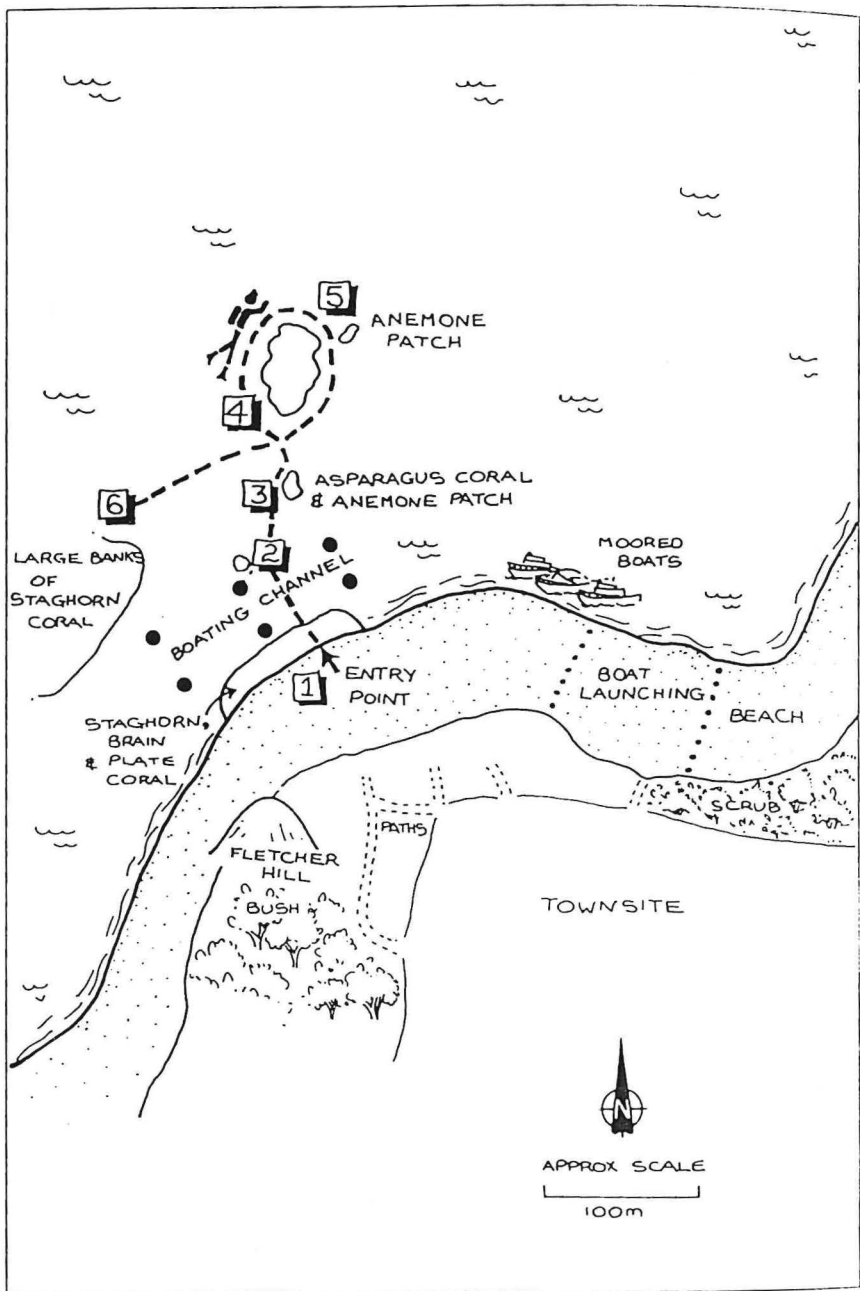
SITE 14

CORAL BAY / BILL'S BAY



South Coral Bay





Coral Bay