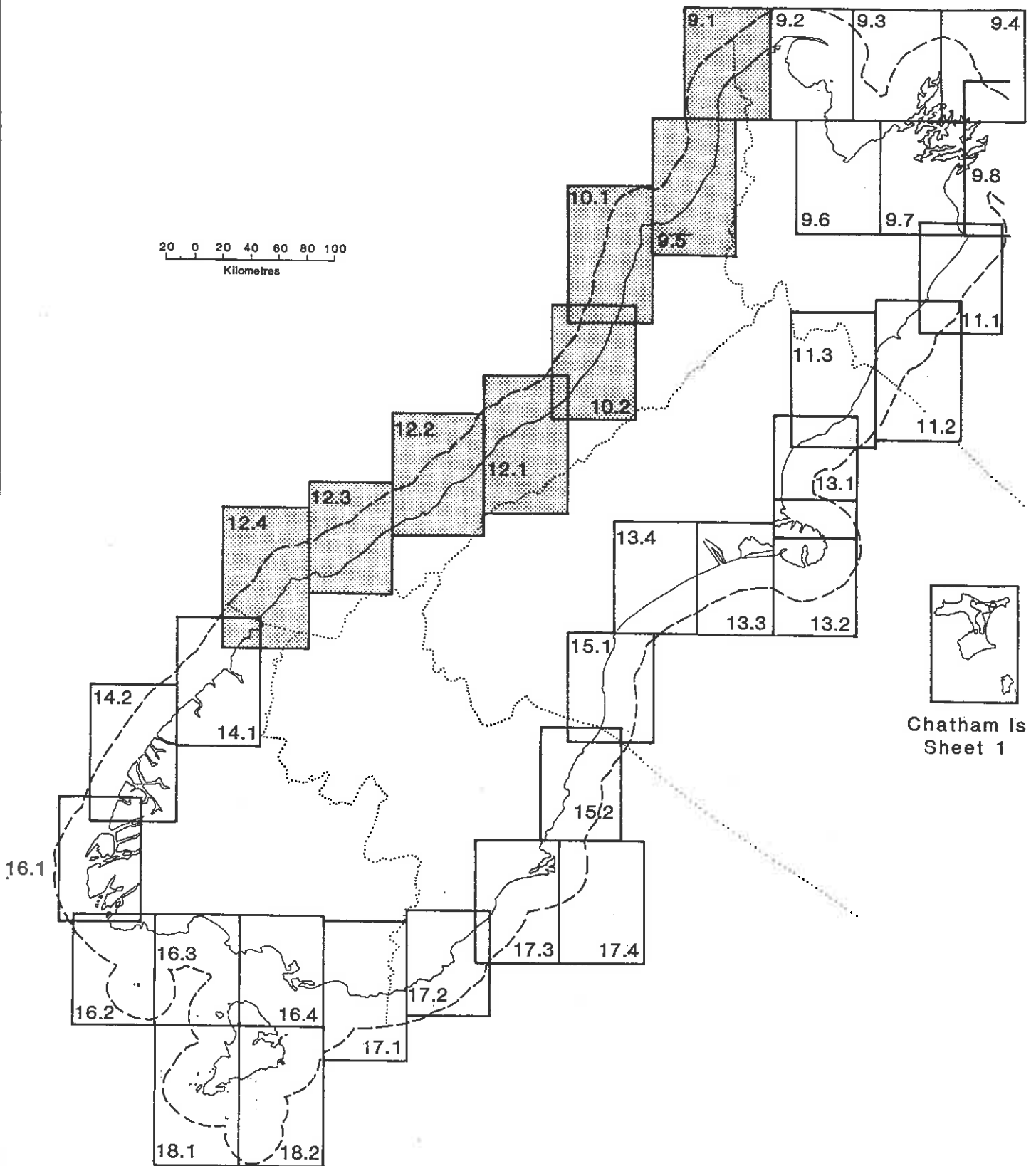
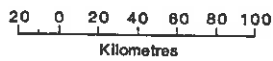



Base Maps

C.R.I. FIRST ORDER SURVEY
LOCATION OF BASE MAPS





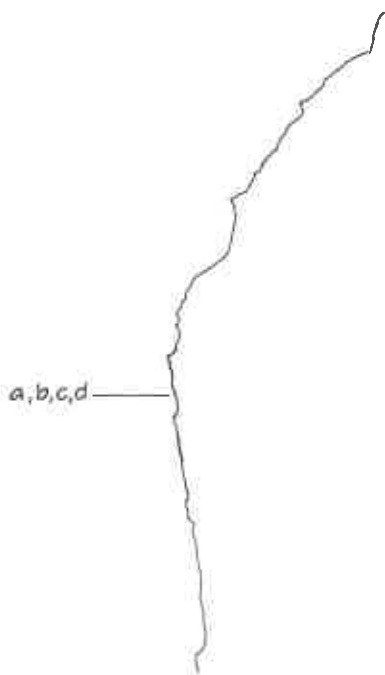
a,b,c,d,f,g,h

1 NATURAL VALUES

Features of Important Natural Value:

- | | |
|-----|---|
| (a) | high degree of naturalness |
| (b) | rare/unique species, communities or habitats |
| (c) | important breeding/ feeding/ roosting/ haulout/ nursery areas |
| (d) | fragile/environmentally sensitive areas |
| (e) | unique or unusual landforms |
| (f) | representativeness |
| (g) | known scientific value |
| (h) | known national or international importance |
| (i) | other |

9-1/1
Natural



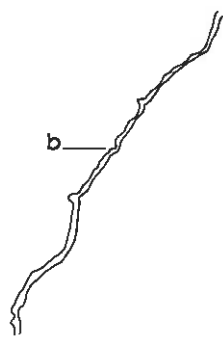
a, b, c, d

2 CULTURAL VALUES

Features of Important Cultural Value

- (a) traditional use
- (b) aesthetic value
- (c) land/seascape value
- (d) spiritual value
- (e) educational value
- (f) other

9-1/2
Cultural



9.1/3

3 HISTORIC VALUES

Features of Important Historic Value:

- (a) known historic value
- (b) archaeological value - Maori origin
- (c) archaeological value - non-Maori origin
- (d) shipwrecks & wreck sites
- (e) known national or international importance
- (f) other

9.1/3
Historic

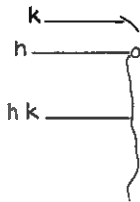
c →

c }
c }

4 EXISTING THREATS

(a)	Erosion, flooding, landslip
(b)	Siltation
(c)	Noxious or invasive exotic plants
(d)	Noxious or farmed animals
(e)	Water pollution
(f)	Mining
(g)	Shore stabilisation works
(h)	Aquaculture
(i)	Fishing techniques
(j)	Spoil or refuse dumping
(k)	Recreation
(l)	Coastal sub-division
(m)	Other

9.1/4
Threats



+

+

5 HUMAN MODIFICATION AND USE

(a)	Land Development
(b)	Reclamations and causeways
(c)	Commercial port areas
(d)	Small boat harbours and moorings
(e)	Outfalls, major pipelines and cables
(f)	Artificial cuts
(g)	Beach replenishment
(h)	Shoreland-based recreation
(i)	Water-based recreation
(j)	Traditional Maori use
(k)	Other

9-1/5
Human Modification



9-1/6

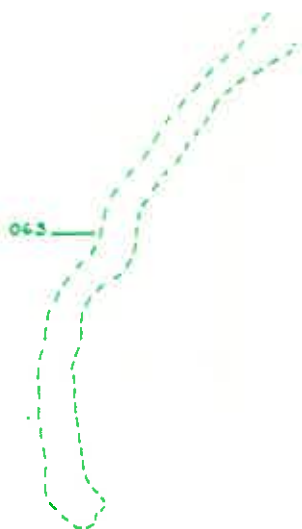
+

+




6 EXISTING PROTECTION

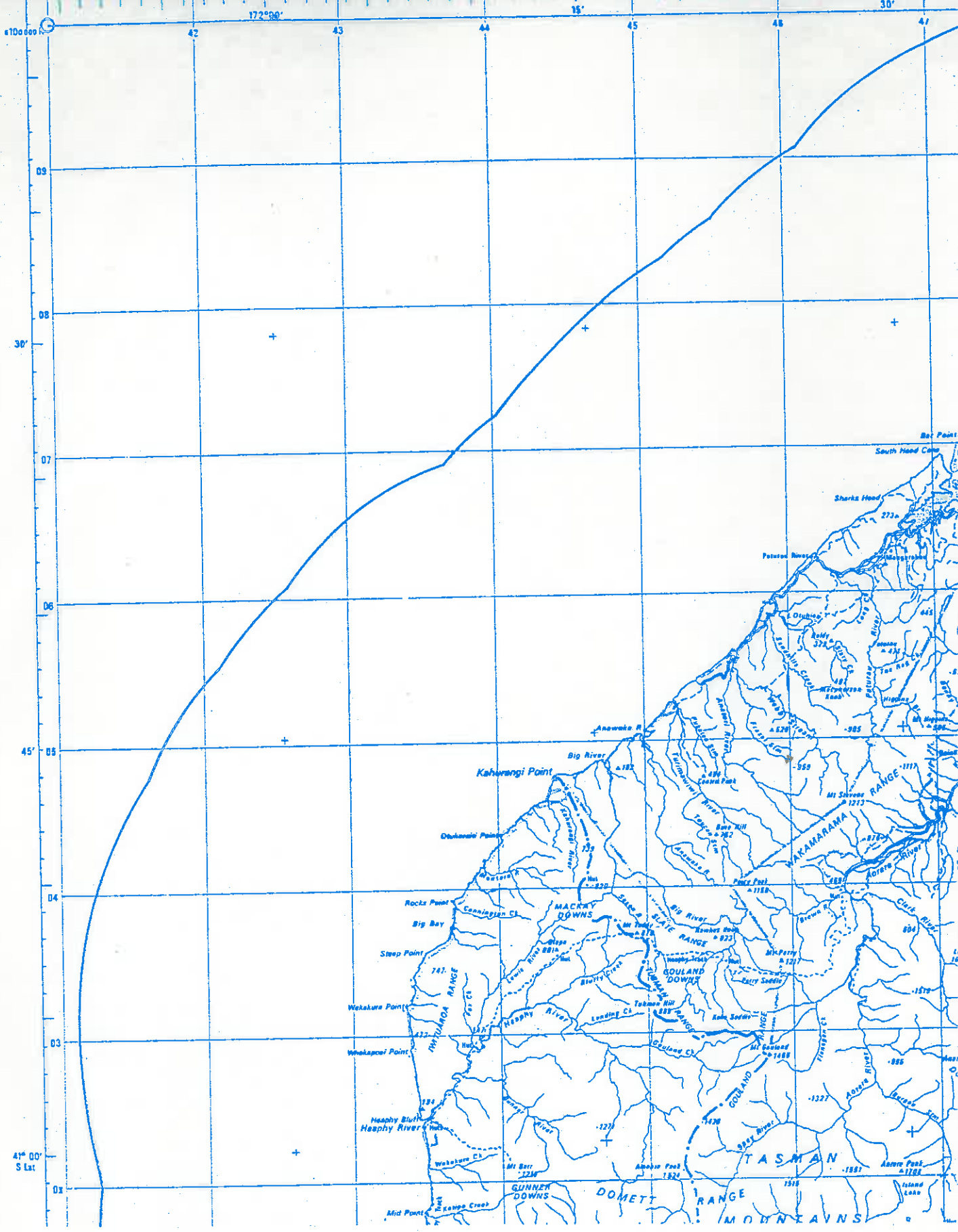
(a)	National protected areas
(b)	Regional protected areas
(c)	Local protected areas
(d)	Protective zoning
(e)	Marine parks
(f)	Private protected areas
(g)	Voluntary protection of areas
(h)	Rahui areas
(i)	Other

9-1/6
Existing Protection



CONSERVATION VALUES

-  areas of conservation value
-  areas of existing information
-  areas where information is lacking



Legend

C.R.I. First Order Survey

Sheet 9-1

Conservancy West Coast

Map No.

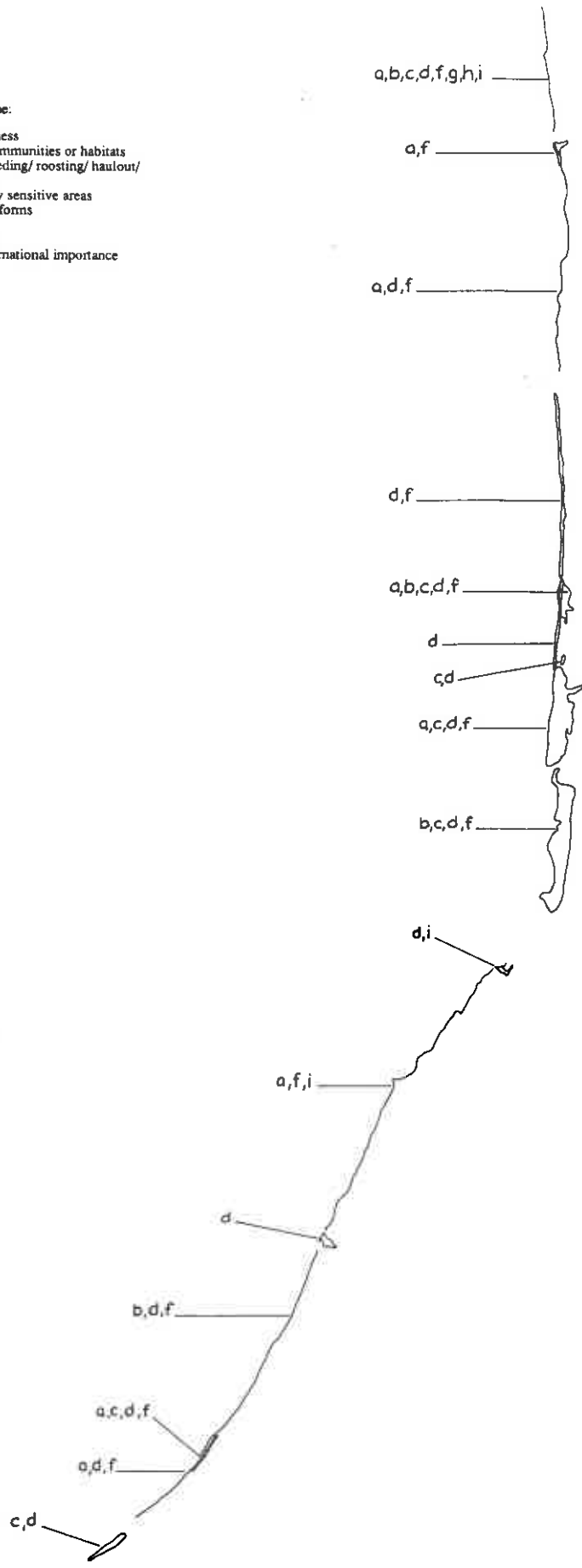
Category

Department of Survey and Land Information
Licence 1990/52
Crown Copyright Reserved

1 NATURAL VALUES

Features of Important Natural Value:

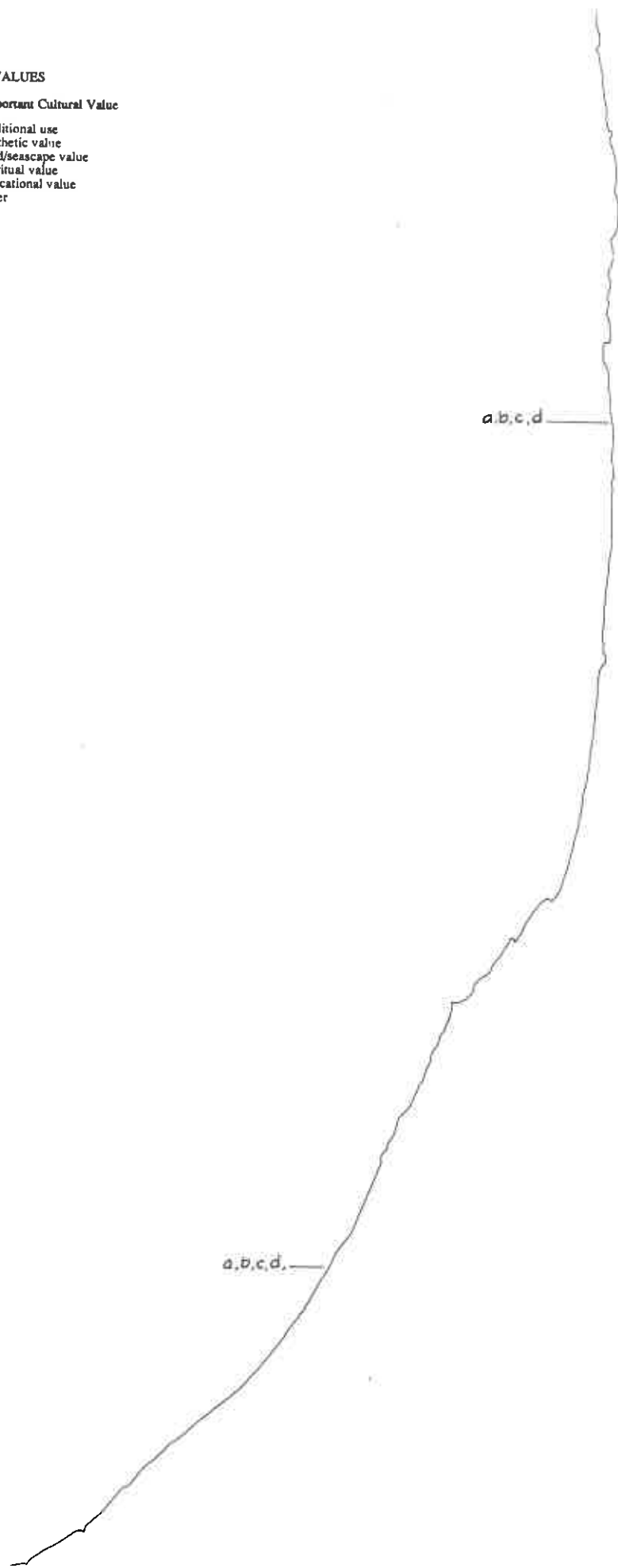
- (a) high degree of naturalness
- (b) rare/unique species, communities or habitats
- (c) important breeding/ feeding/ roosting/ haulout/ nursery areas
- (d) fragile/environmentally sensitive areas
- (e) unique or unusual landforms
- (f) representativeness
- (g) known scientific value
- (h) known national or international importance
- (i) other



2 CULTURAL VALUES

Features of Important Cultural Value

(a)	traditional use
(b)	aesthetic value
(c)	land/seascape value
(d)	spiritual value
(e)	educational value
(f)	other



9.5/2
Cultural

3 HISTORIC VALUES

Features of Important Historic Value:

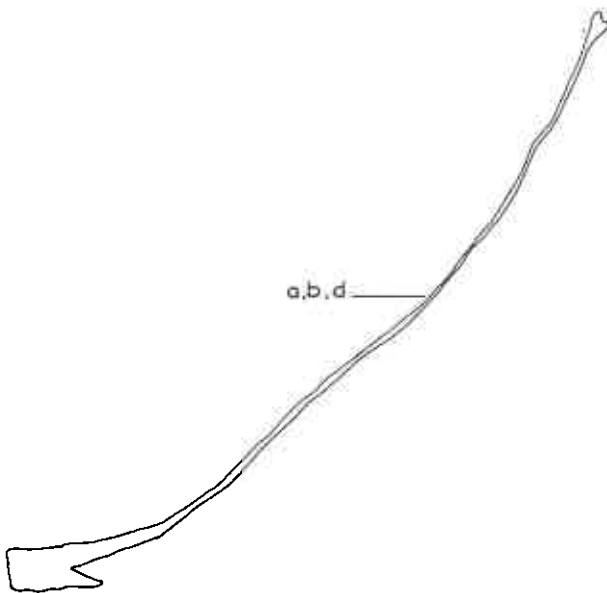
- (a) known historic value
- (b) archaeological value - Maori origin
- (c) archaeological value - non-Maori origin
- (d) shipwrecks & wreck sites
- (e) known national or international importance
- (f) other

b, e



5/3

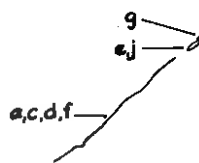
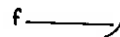
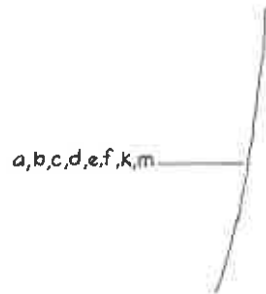
a, b, d



9.5/3
Historic

4 EXISTING THREATS

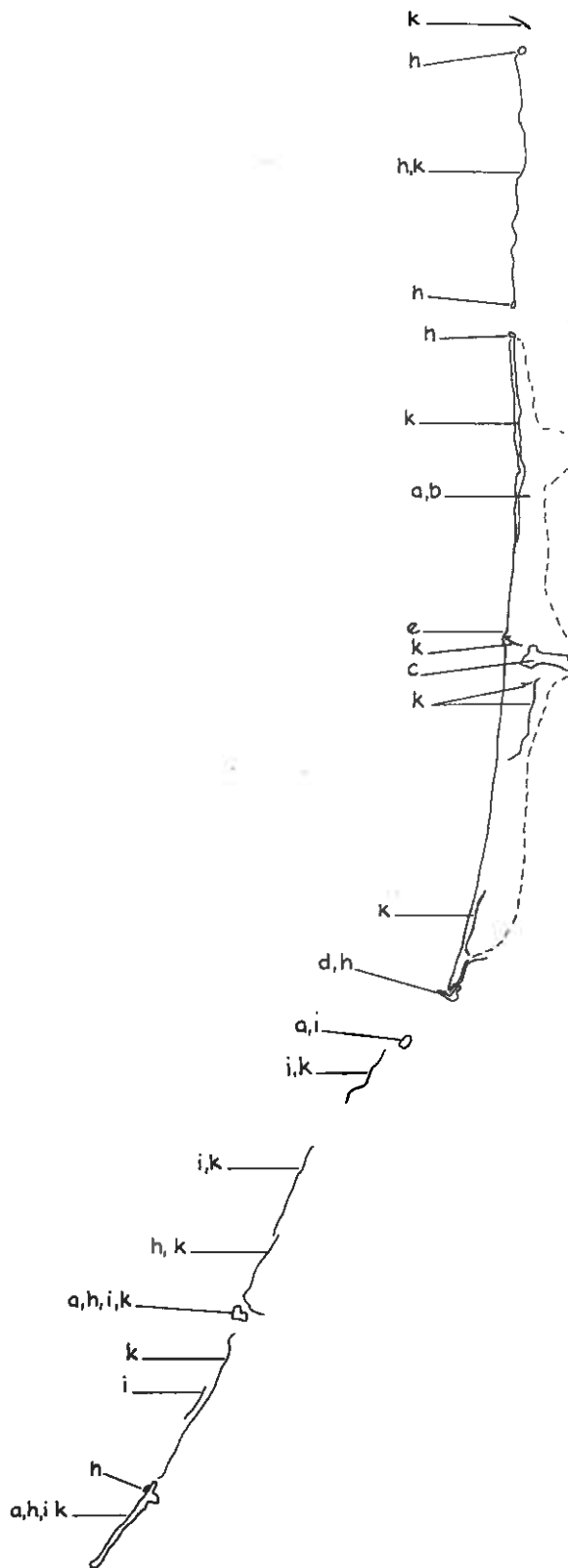
(a)	Erosion, flooding, landslip
(b)	Siltation
(c)	Noxious or invasive exotic plants
(d)	Noxious or farmed animals
(e)	Water pollution
(f)	Mining
(g)	Shore stabilisation works
(h)	Aquaculture
(i)	Fishing techniques
(j)	Spoil or refuse dumping
(k)	Recreation
(l)	Coastal sub-division
(m)	Other



9.5/4
Threats

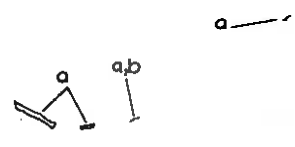
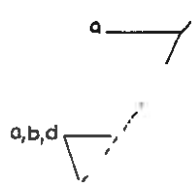
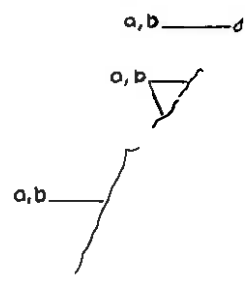
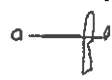
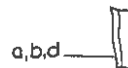
5 HUMAN MODIFICATION AND USE

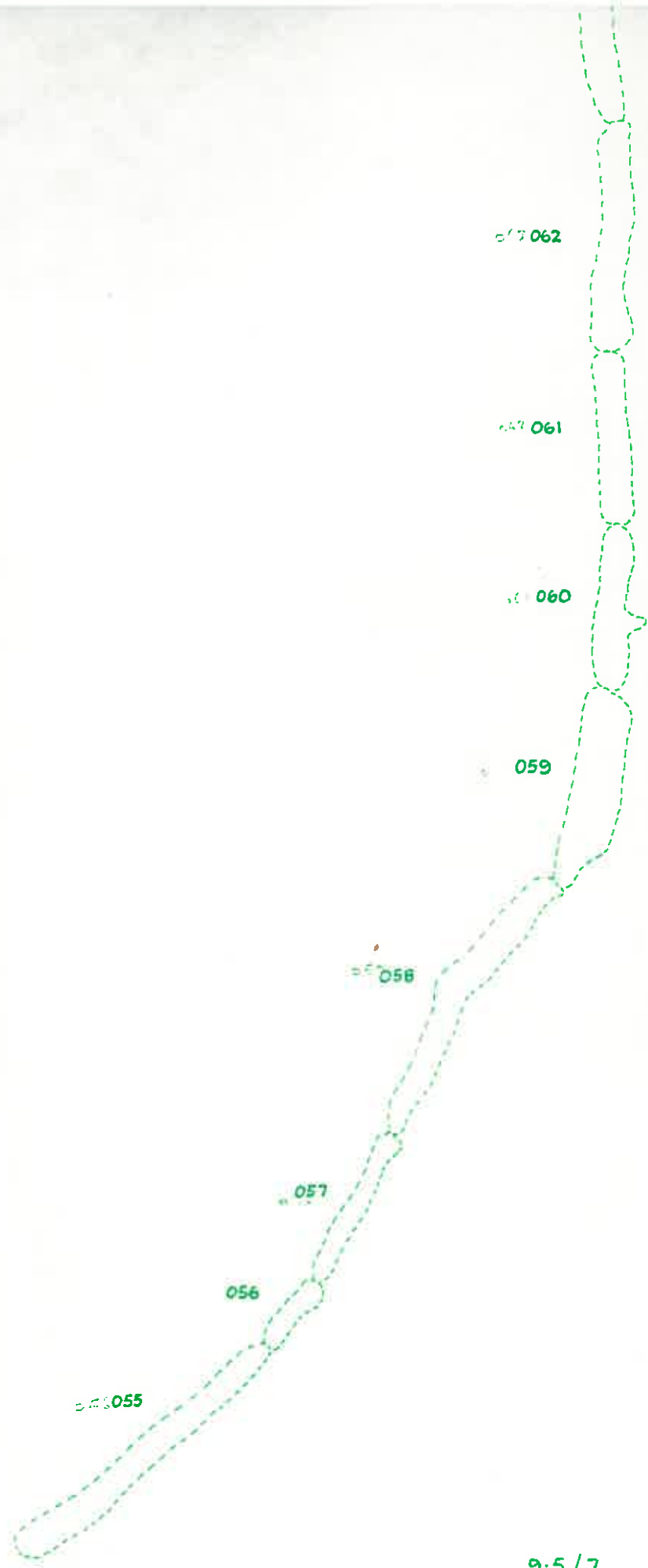
- (a) Land Development
- (b) Reclamations and causeways
- (c) Commercial port areas
- (d) Small boat harbours and moorings
- (e) Outfalls, major pipelines and cables
- (f) Artificial cuts
- (g) Beach replenishment
- (h) Shoreland-based recreation
- (i) Water-based recreation
- (j) Traditional Maori use
- (k) Other



6 EXISTING PROTECTION

(a)	National protected areas
(b)	Regional protected areas
(c)	Local protected areas
(d)	Protective zoning
(e)	Marine parks
(f)	Private protected areas
(g)	Voluntary protection of areas
(h)	Rahui areas
(i)	Other

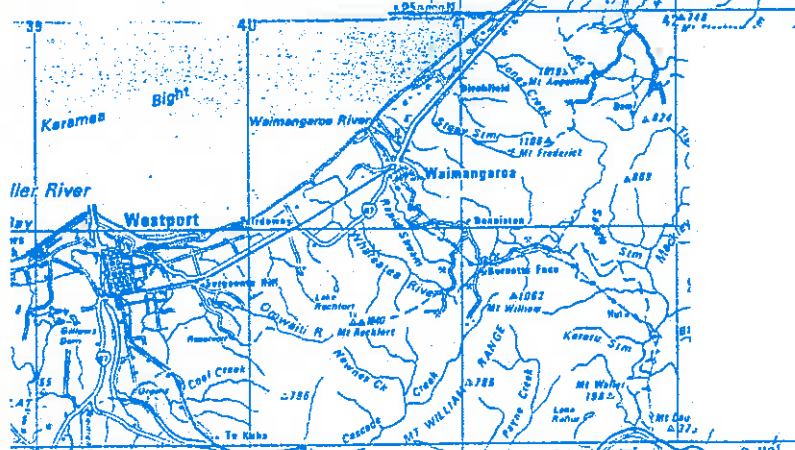
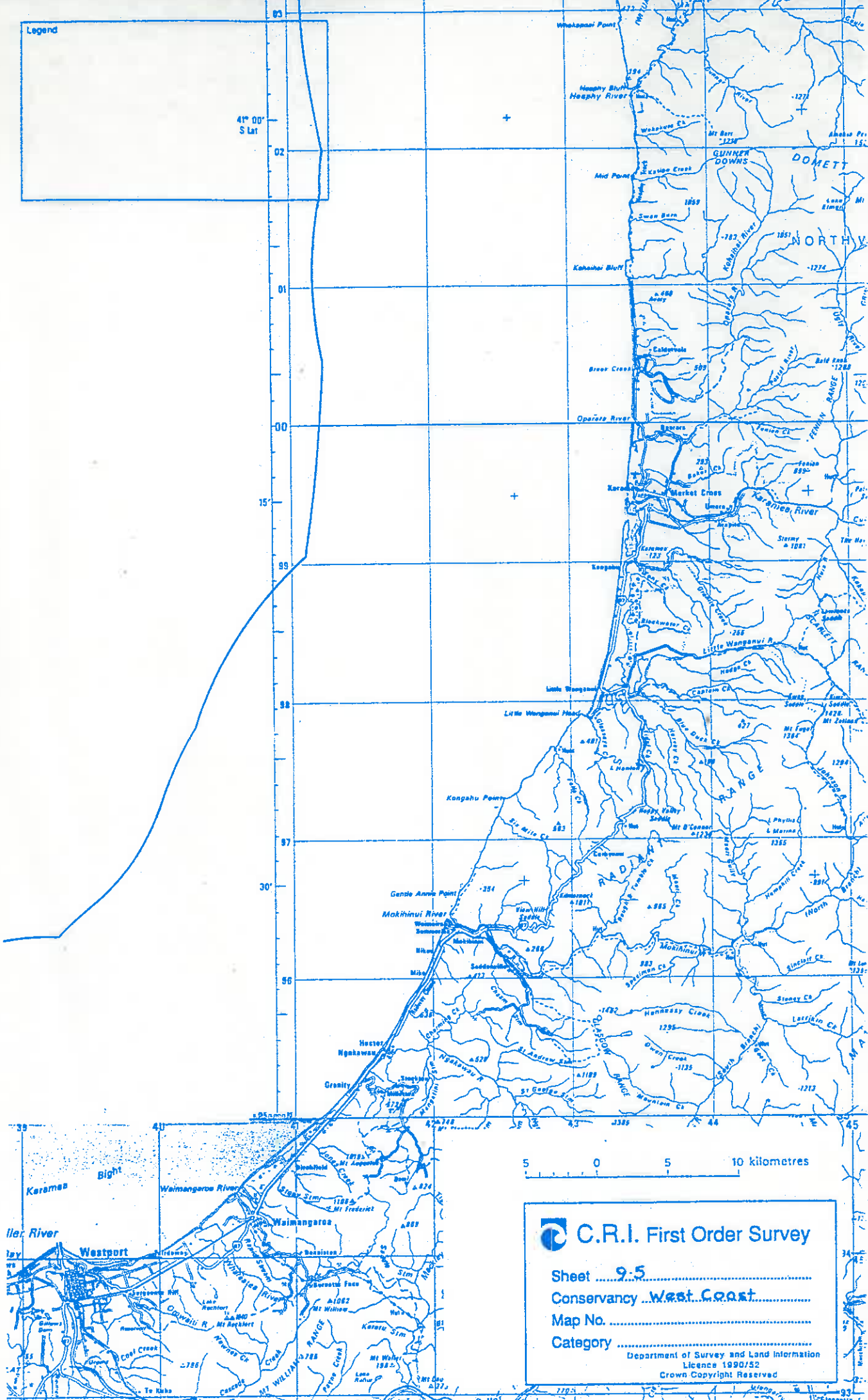





9-5/7
Conservation Values

Legend

41° 00' S Lat



5 0 5 10 kilometres

 **C.R.I. First Order Survey**

Sheet 9.5

Conservancy West Coast

Map No.

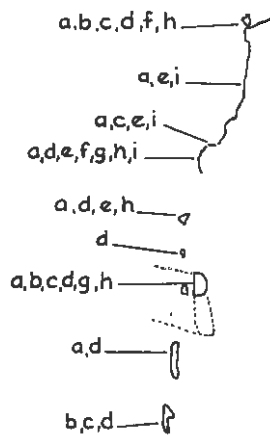
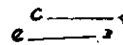
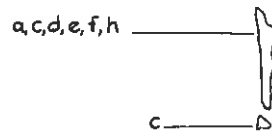
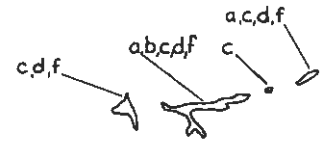
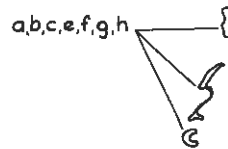
Category

Department of Survey and Land Information
Licence 1990/52
Crown Copyright Reserved

NATURAL VALUES

Features of Important Natural Value:

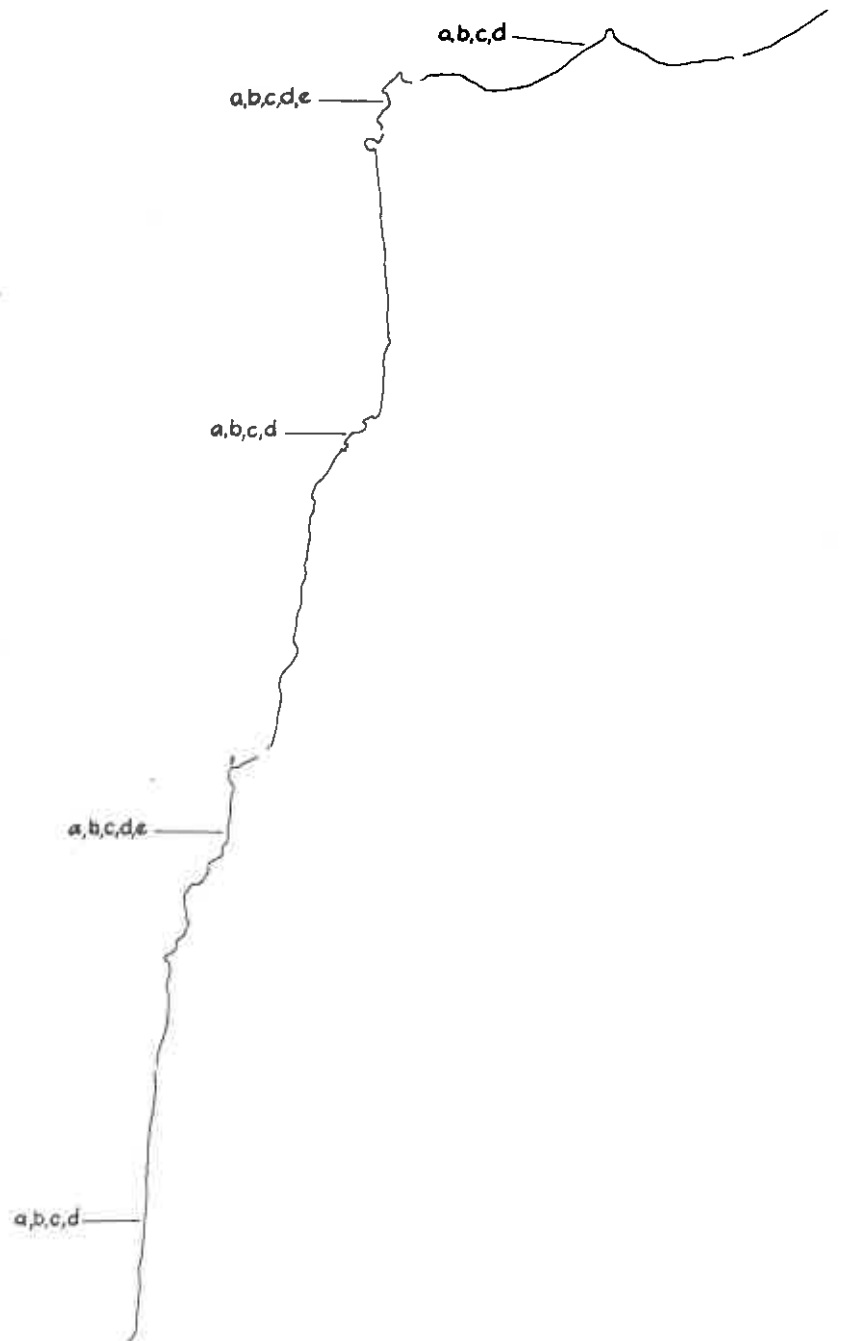
- (a) high degree of naturalness
- (b) rare/unique species, communities or habitats
- (c) important breeding/feeding/roosting/haulout/nursery areas
- (d) fragile/environmentally sensitive areas
- (e) unique or unusual landforms
- (f) representativeness
- (g) known scientific value
- (h) known national or international importance
- (i) other



2 CULTURAL VALUES

Features of Important Cultural Value

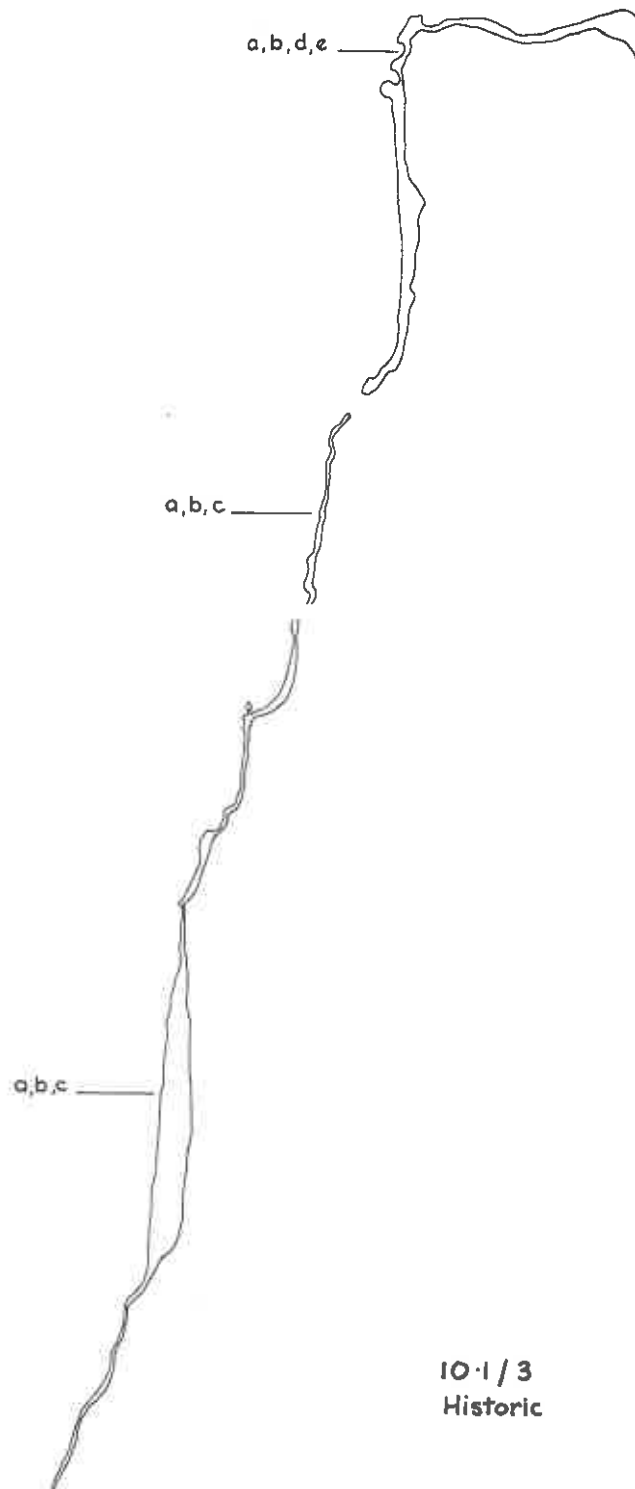
- | | |
|-----|---------------------|
| (a) | traditional use |
| (b) | aesthetic value |
| (c) | land/seascape value |
| (d) | spiritual value |
| (e) | educational value |
| (f) | other |



3 HISTORIC VALUES

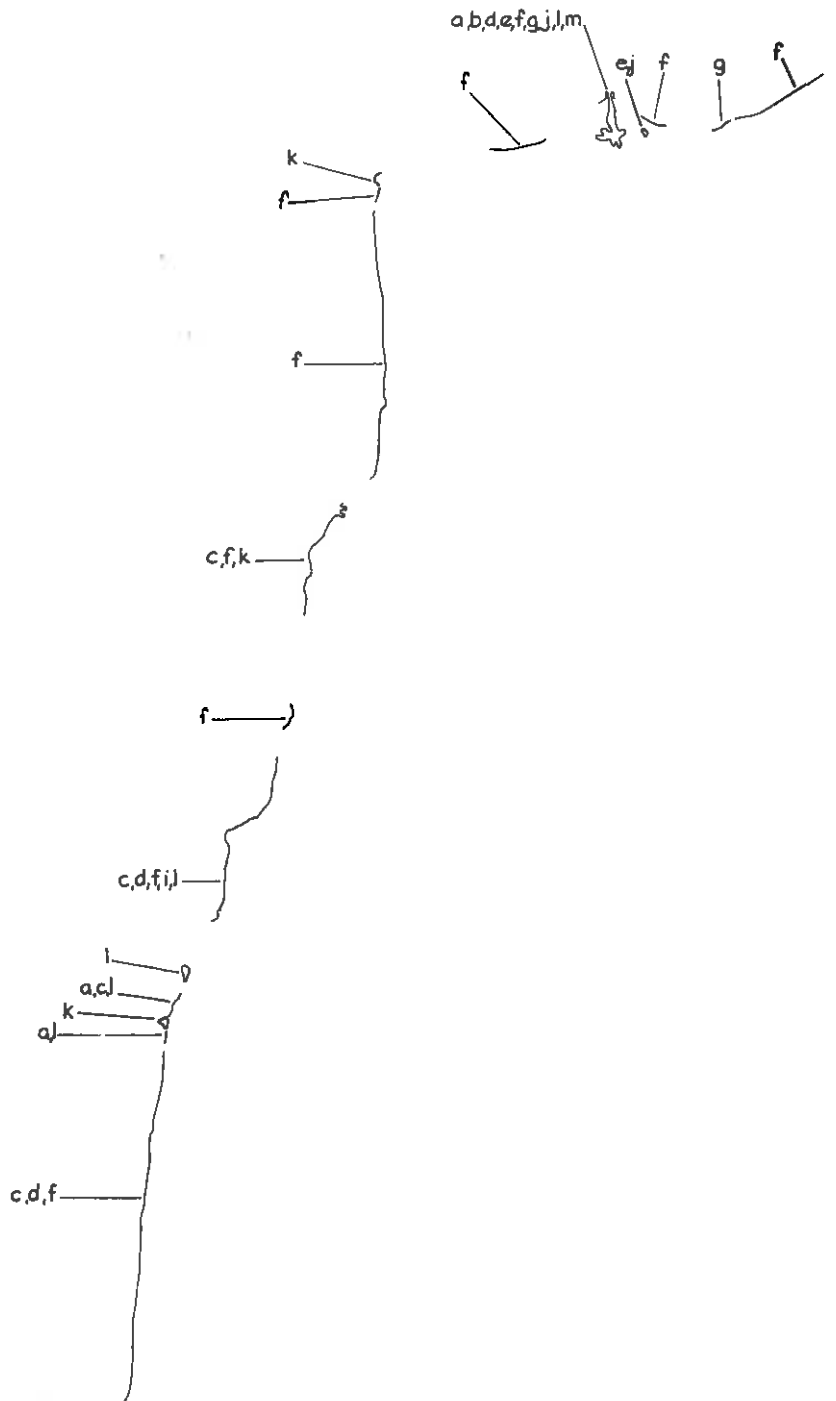
Features of Important Historic Value:

(a)	known historic value
(b)	archaeological value - Maori origin
(c)	archaeological value - non-Maori origin
(d)	shipwrecks & wreck sites
(e)	known national or international importance
(f)	other



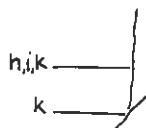
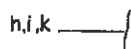
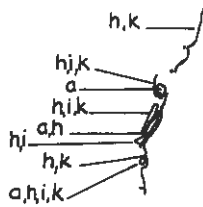
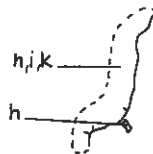
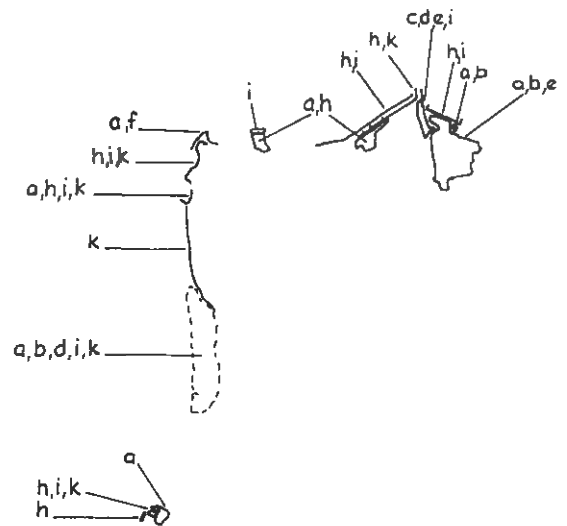
4 EXISTING THREATS

(a)	Erosion, flooding, landslip
(b)	Siltation
(c)	Noxious or invasive exotic plants
(d)	Noxious or farmed animals
(e)	Water pollution
(f)	Mining
(g)	Shore stabilisation works
(h)	Aquaculture
(i)	Fishing techniques
(j)	Spoil or refuse dumping
(k)	Recreation
(l)	Coastal sub-division
(m)	Other



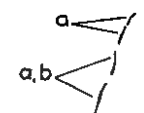
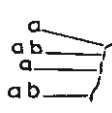
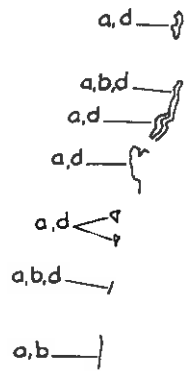
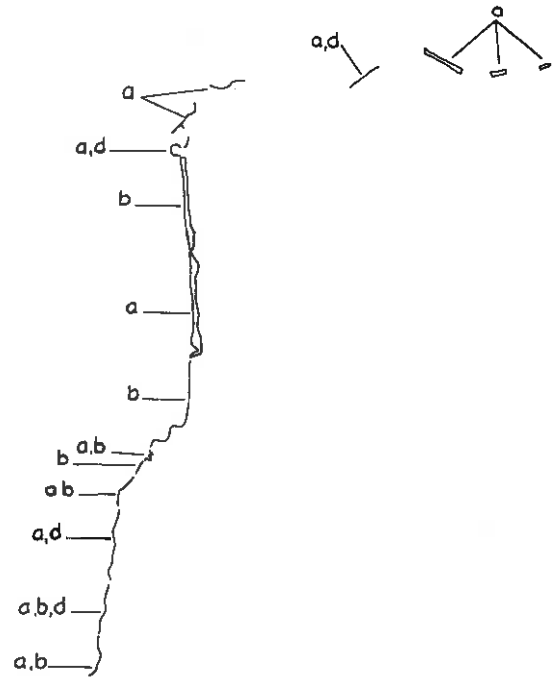
5 HUMAN MODIFICATION AND USE

(a)	Land Development
(b)	Reclamations and causeways
(c)	Commercial port areas
(d)	Small boat harbours and moorings
(e)	Outfalls, major pipelines and cables
(f)	Artificial cuts
(g)	Beach replenishment
(h)	Shoreland-based recreation
(i)	Water-based recreation
(j)	Traditional Maori use
(k)	Other






6 EXISTING PROTECTION

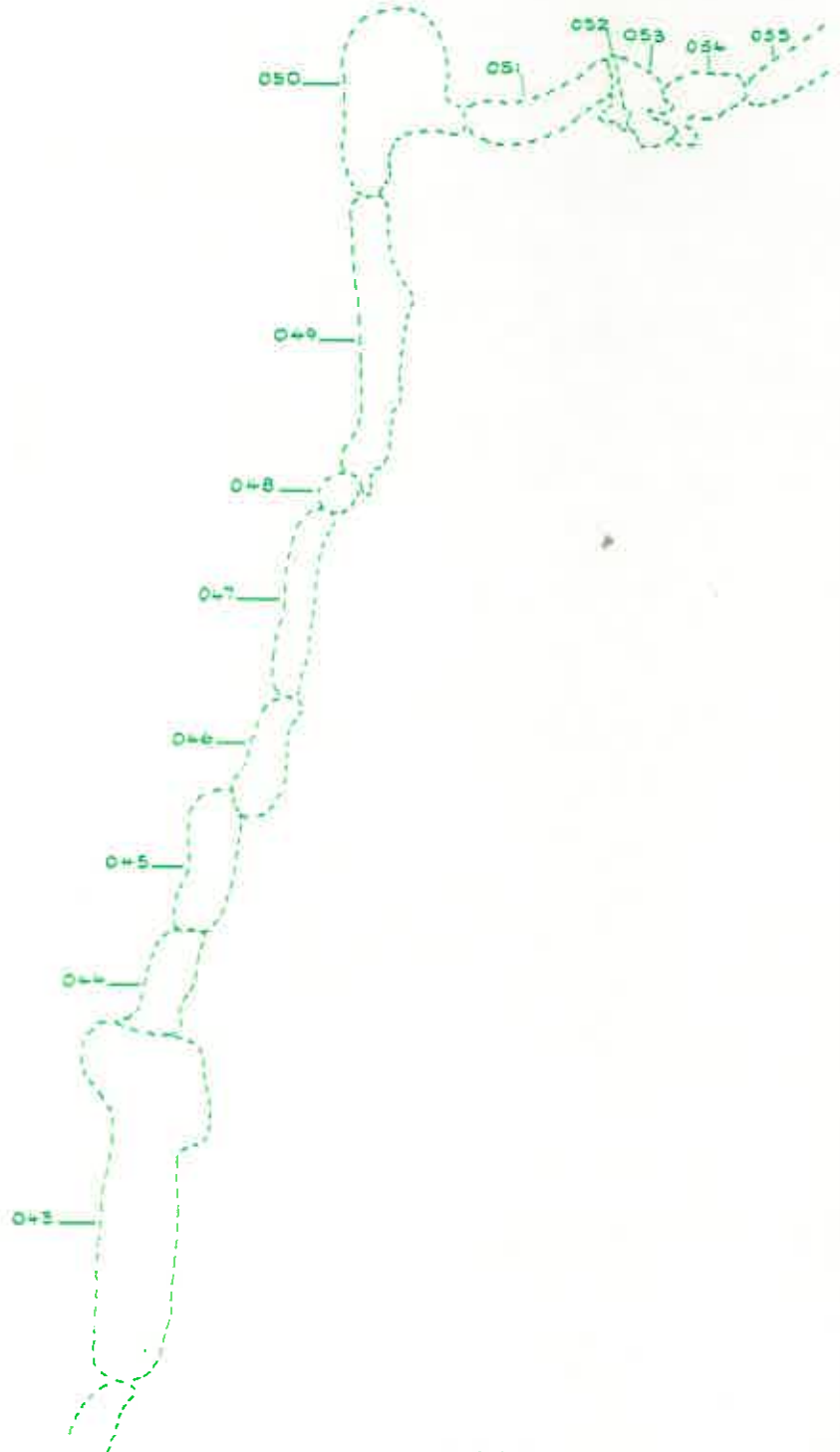
(a)	National protected areas
(b)	Regional protected areas
(c)	Local protected areas
(d)	Protective zoning
(e)	Marine parks
(f)	Private protected areas
(g)	Voluntary protection of areas
(h)	Rahui areas
(i)	Other



10-1/6
Existing Protection

7 CONSERVATION VALUES

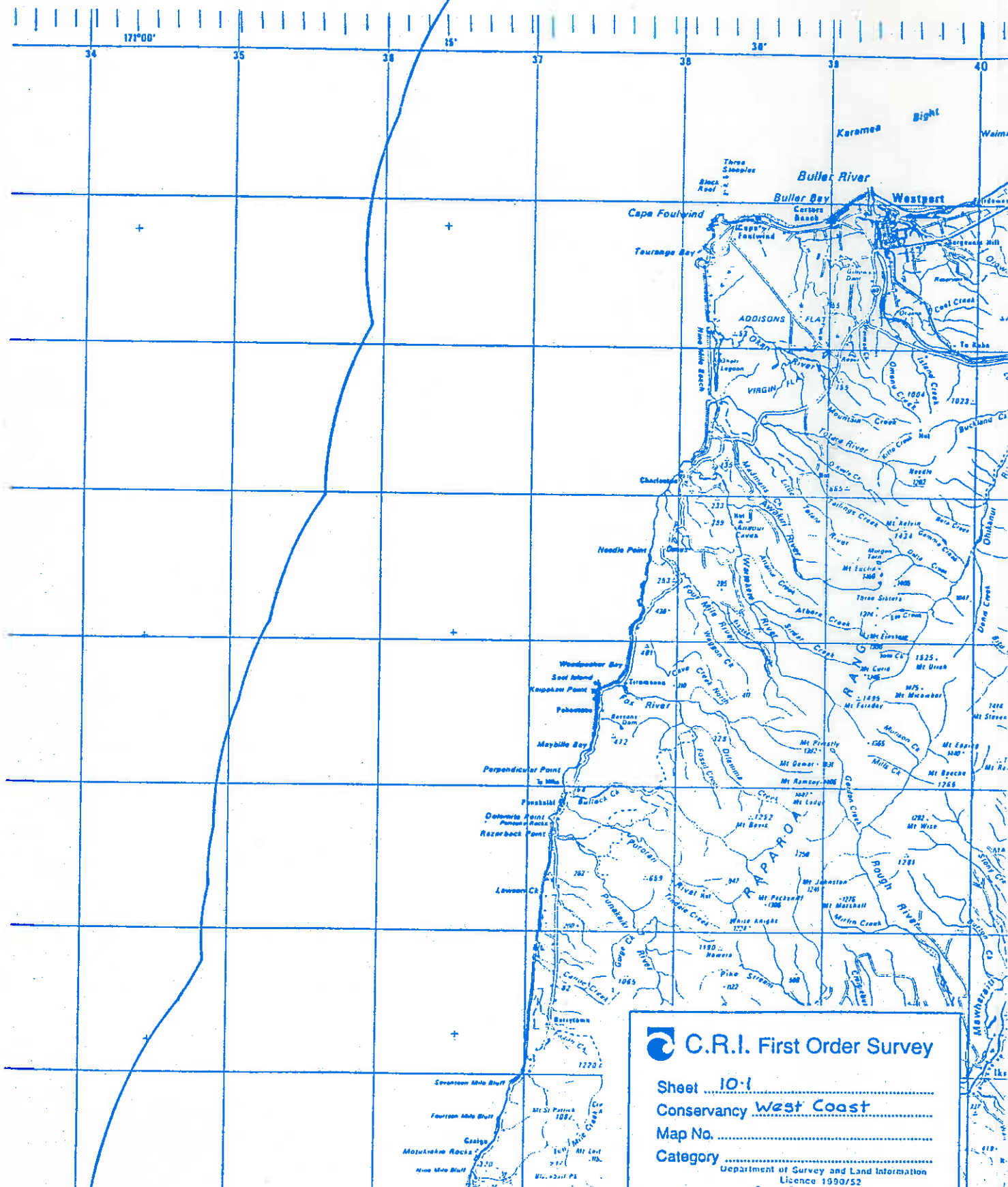
-  areas of conservation value
-  areas of existing information
-  areas where information is lacking



10-1/7
Conservation Values

Legend

5 0 5 10 kilometres



C.R.I. First Order Survey

Sheet 10-1

Conservancy West Coast



Map No.



Category


Department of Survey and Land Information
Licence 1990/52



a,c,e,f — 0

a,b,c,e,f — i


b,d — ,
c,d — 
b,c,d,f,g — 


a,b,c,e,f — 
c,d,f — 

c,d,f — 

d,f — 
a,c,d,f — 

a,b,f — o

a,b,c,d,f — 

c,d,f — 

c,d,f — 

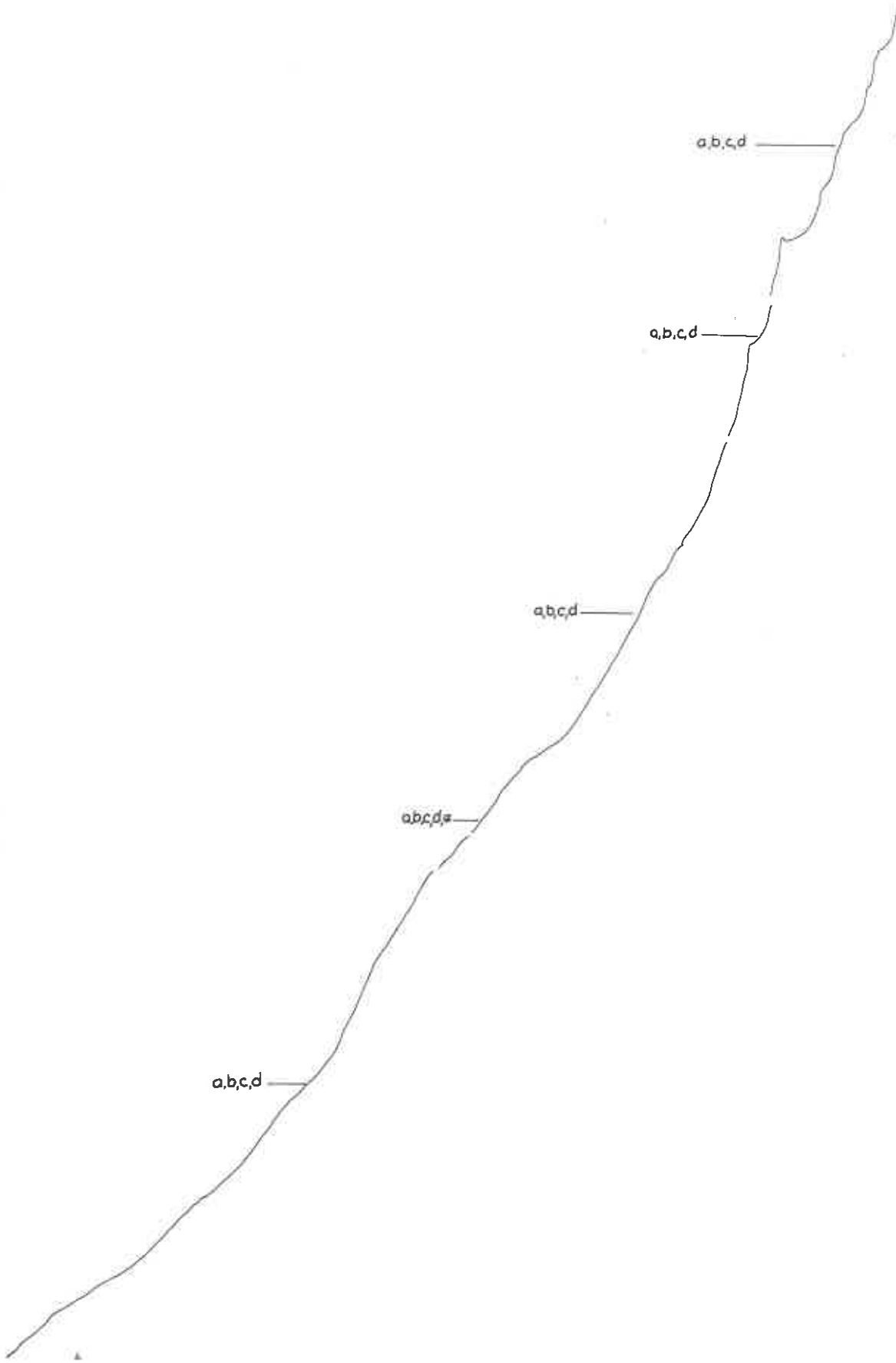
10.2/1

1 NATURAL VALUES

Features of Important Natural Value:

- (a) high degree of naturalness
- (b) rare/unique species, communities or habitats
- (c) important breeding/ feeding/ roosting/ haulout/ nursery areas
- (d) fragile/environmentally sensitive areas
- (e) unique or unusual landforms
- (f) representativeness
- (g) known scientific value
- (h) known national or international importance
- (i) other

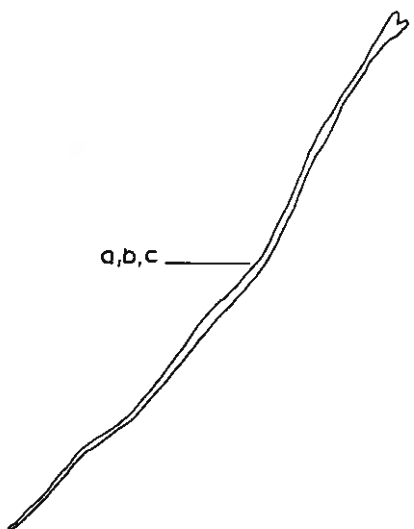
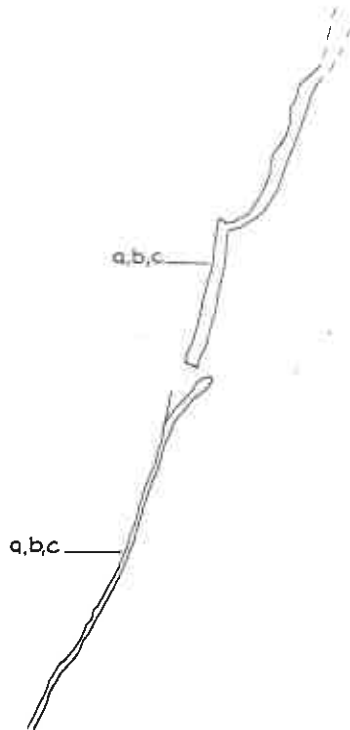
10.2/1
Natural



2 CULTURAL VALUES

Features of Important Cultural Value

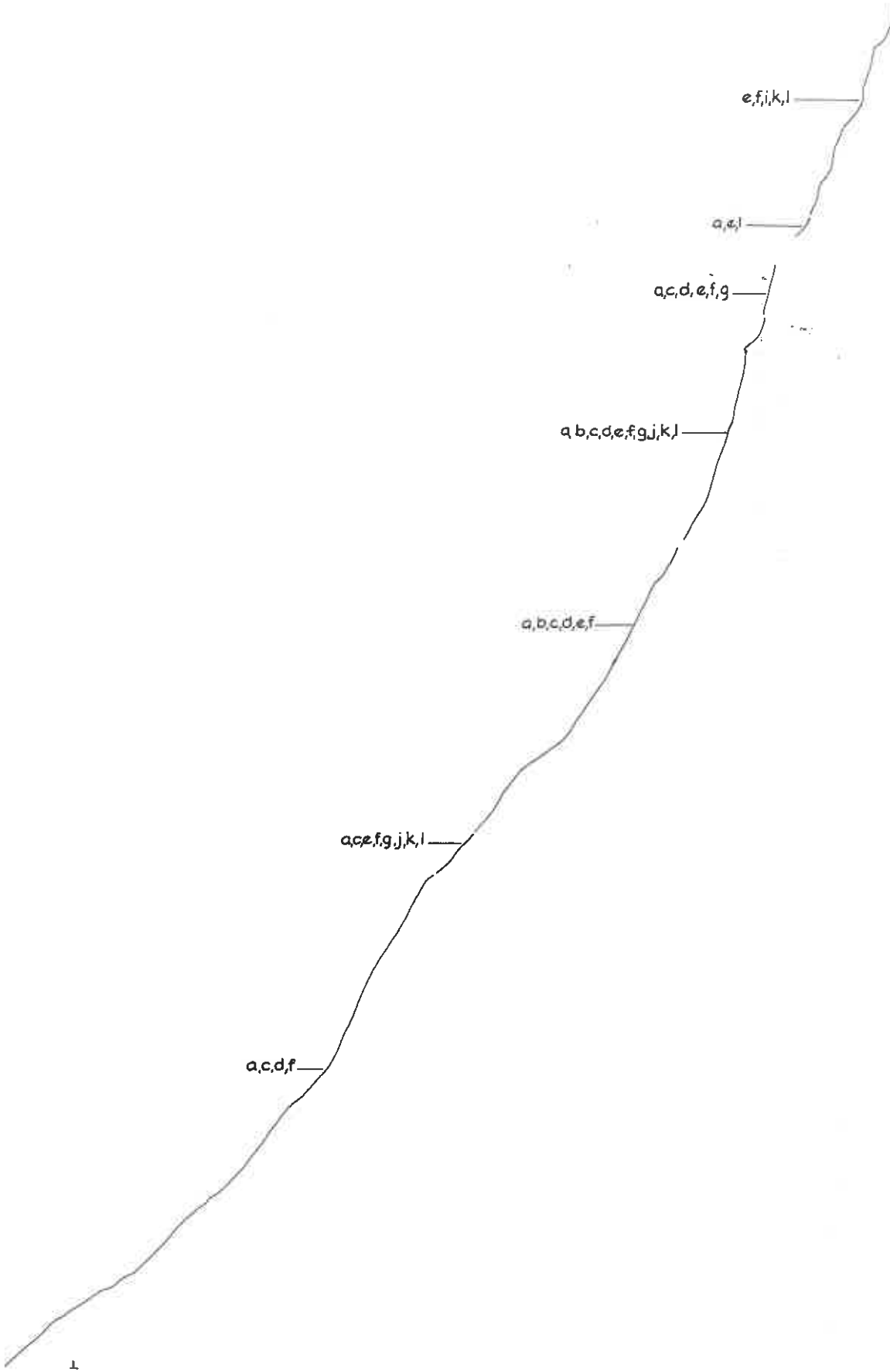
- (a) traditional use
- (b) aesthetic value
- (c) land/seascape value
- (d) spiritual value
- (e) educational value
- (f) other



3 HISTORIC VALUES

Features of Important Historic Value:

- (a) known historic value
- (b) archaeological value - Maori origin
- (c) archaeological value - non-Maori origin
- (d) shipwrecks & wreck sites
- (e) known national or international importance
- (f) other



4 EXISTING THREATS

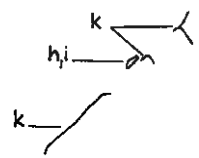
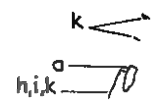
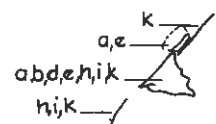
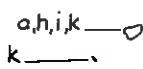
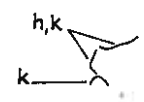
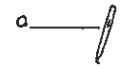
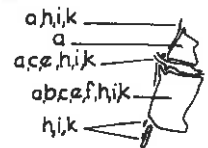
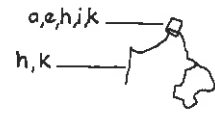
- (a) Erosion, flooding, landslip
- (b) Siltation
- (c) Noxious or invasive exotic plants
- (d) Noxious or farmed animals
- (e) Water pollution
- (f) Mining
- (g) Shore stabilisation works
- (h) Aquaculture
- (i) Fishing techniques
- (j) Spoil or refuse dumping
- (k) Recreation
- (l) Coastal sub-division
- (m) Other

10-2/4
Threats

h,i

+

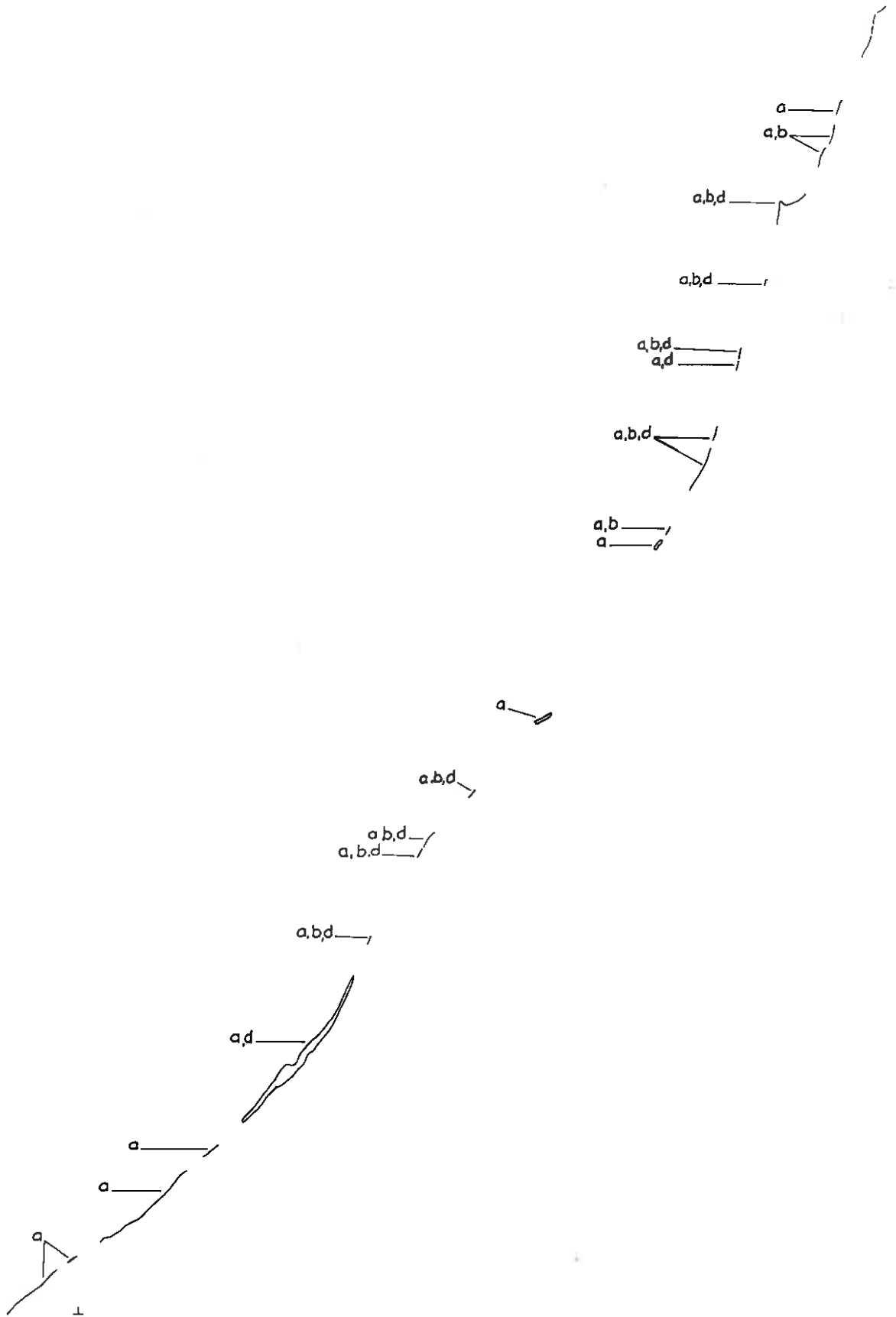
a,h,i



5 HUMAN MODIFICATION AND USE

- (a) Land Development
- (b) Reclamations and causeways
- (c) Commercial port areas
- (d) Small boat harbours and moorings
- (e) Outfalls, major pipelines and cables
- (f) Artificial cuts
- (g) Beach replenishment
- (h) Shoreland-based recreation
- (i) Water-based recreation
- (j) Traditional Maori use
- (k) Other

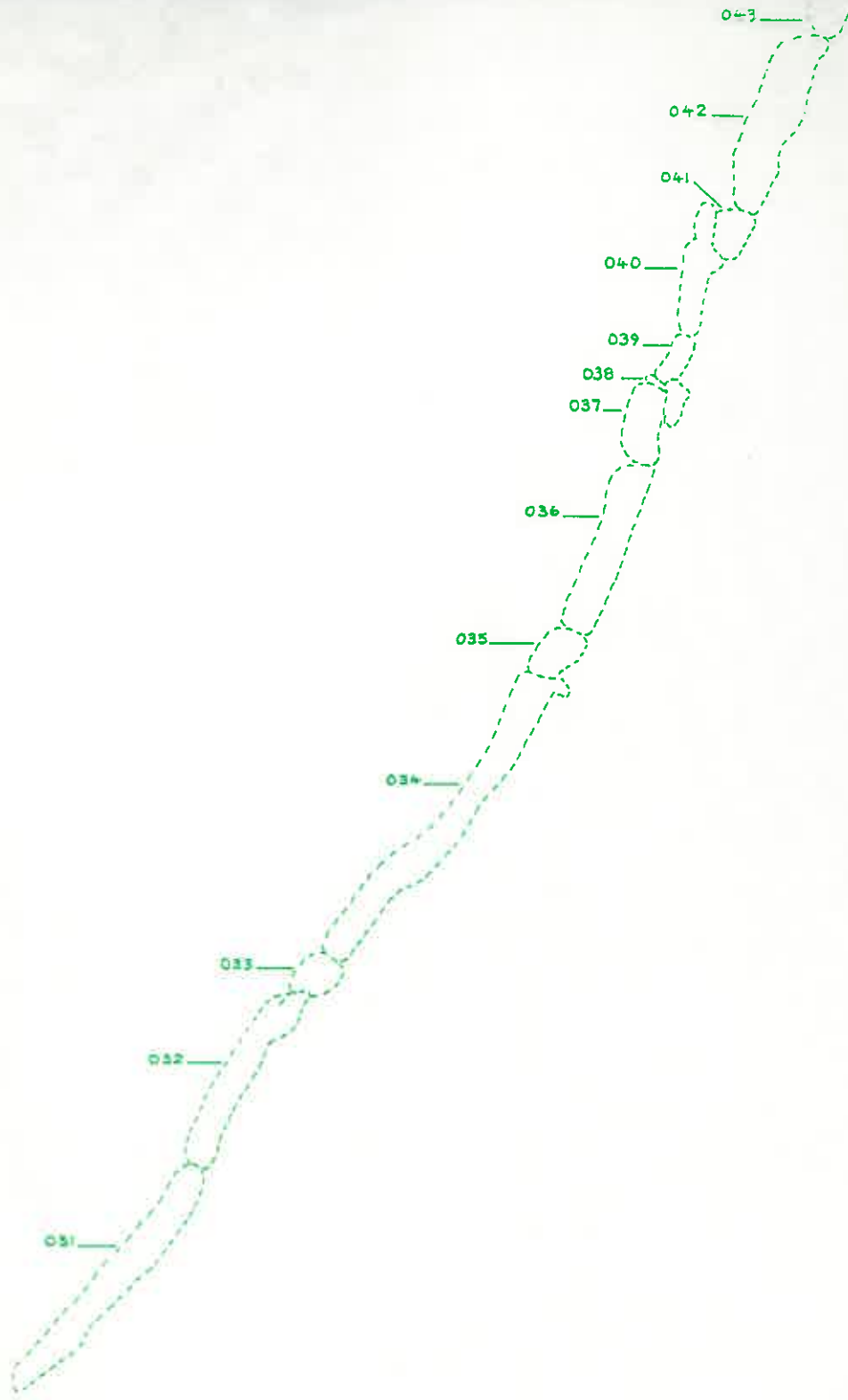
10-2/5
Human Modification



6 EXISTING PROTECTION

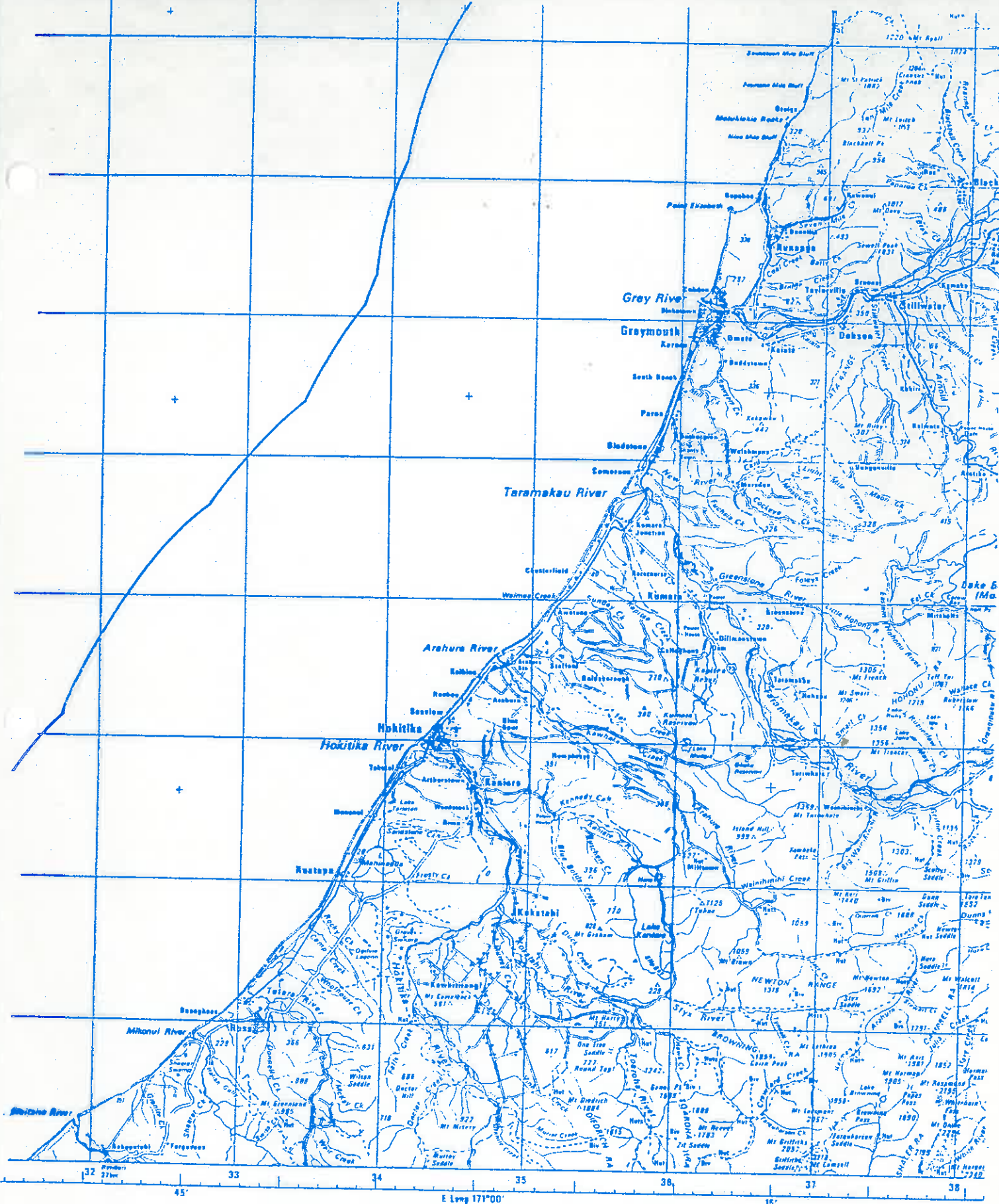
(a)	National protected areas
(b)	Regional protected areas
(c)	Local protected areas
(d)	Protective zoning
(e)	Marine parks
(f)	Private protected areas
(g)	Voluntary protection of areas
(h)	Rahui areas
(i)	Other

10.2/6
Existing Protection



CONSERVATION VALUES
 [Horizontal lines] areas of conservation value
 [Dashed line] areas of existing information
 [Dotted line] areas where information is lacking

10-2/7
 Conservation Values



Legend

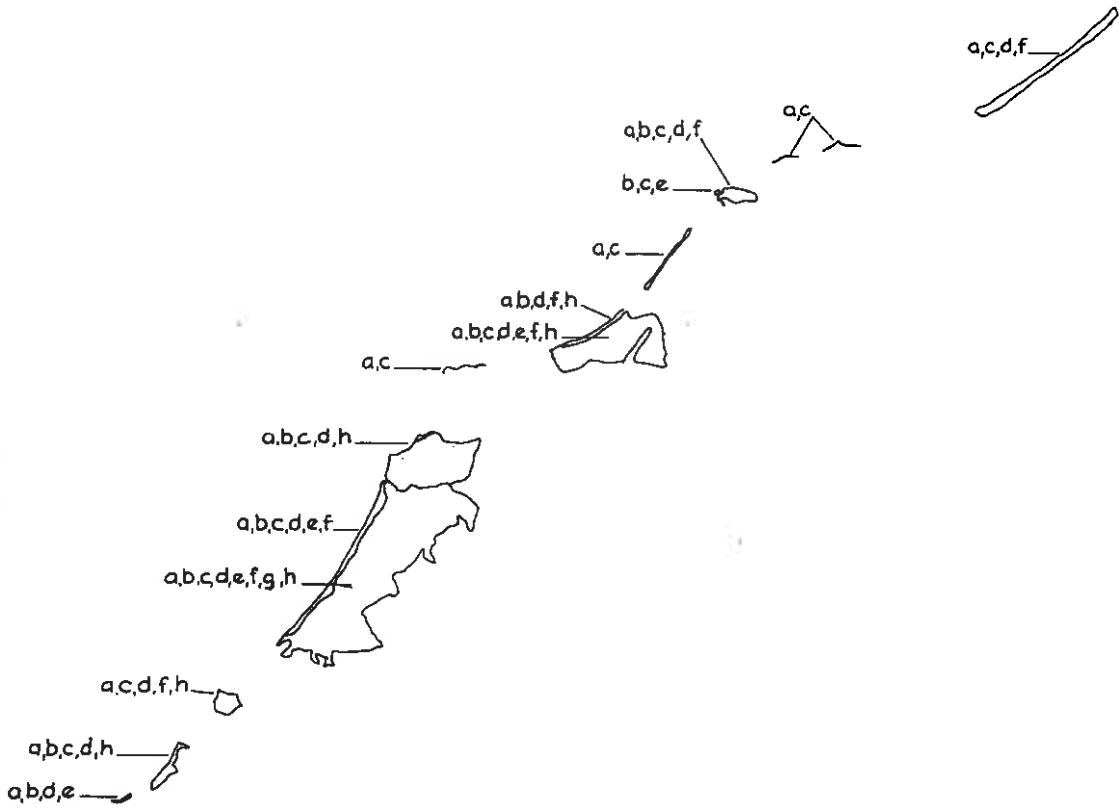
C.R.I. First Order Survey
 Sheet **10.2**
 Conservancy **West Coast**
 Map No.
 Category

Department of Survey and Land Information
 Licence 1250/88
 Crown Copyright Reserved

11 NATURAL VALUES

Features of Important Natural Value:

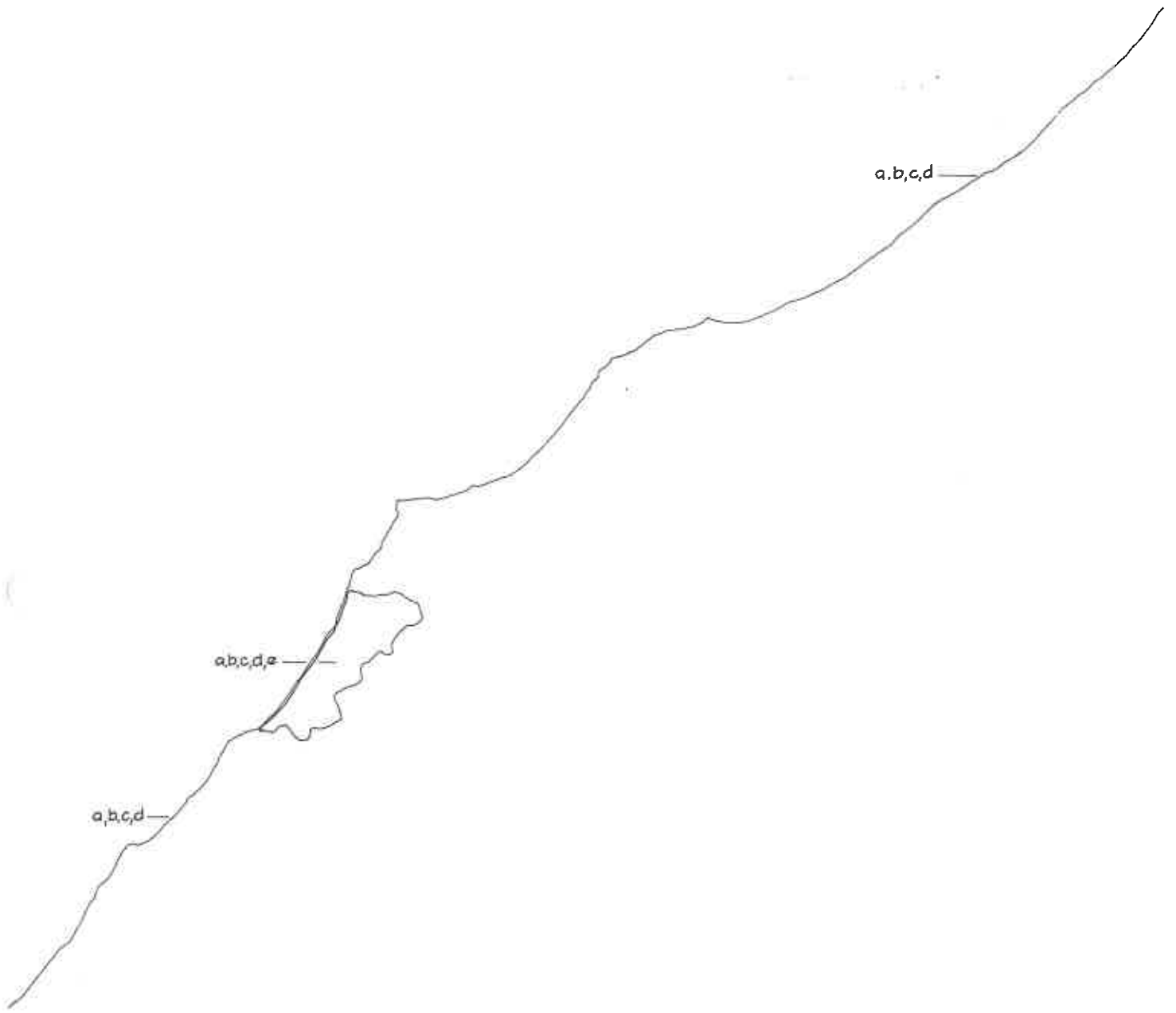
- (a) high degree of naturalness
- (b) rare/unique species, communities or habitats
- (c) important breeding/ feeding/ roosting/ haulout/ nursery areas
- (d) fragile/environmentally sensitive areas
- (e) unique or unusual landforms
- (f) representativeness
- (g) known scientific value
- (h) known national or international importance
- (i) other



2 CULTURAL VALUES

Features of Important Cultural Value

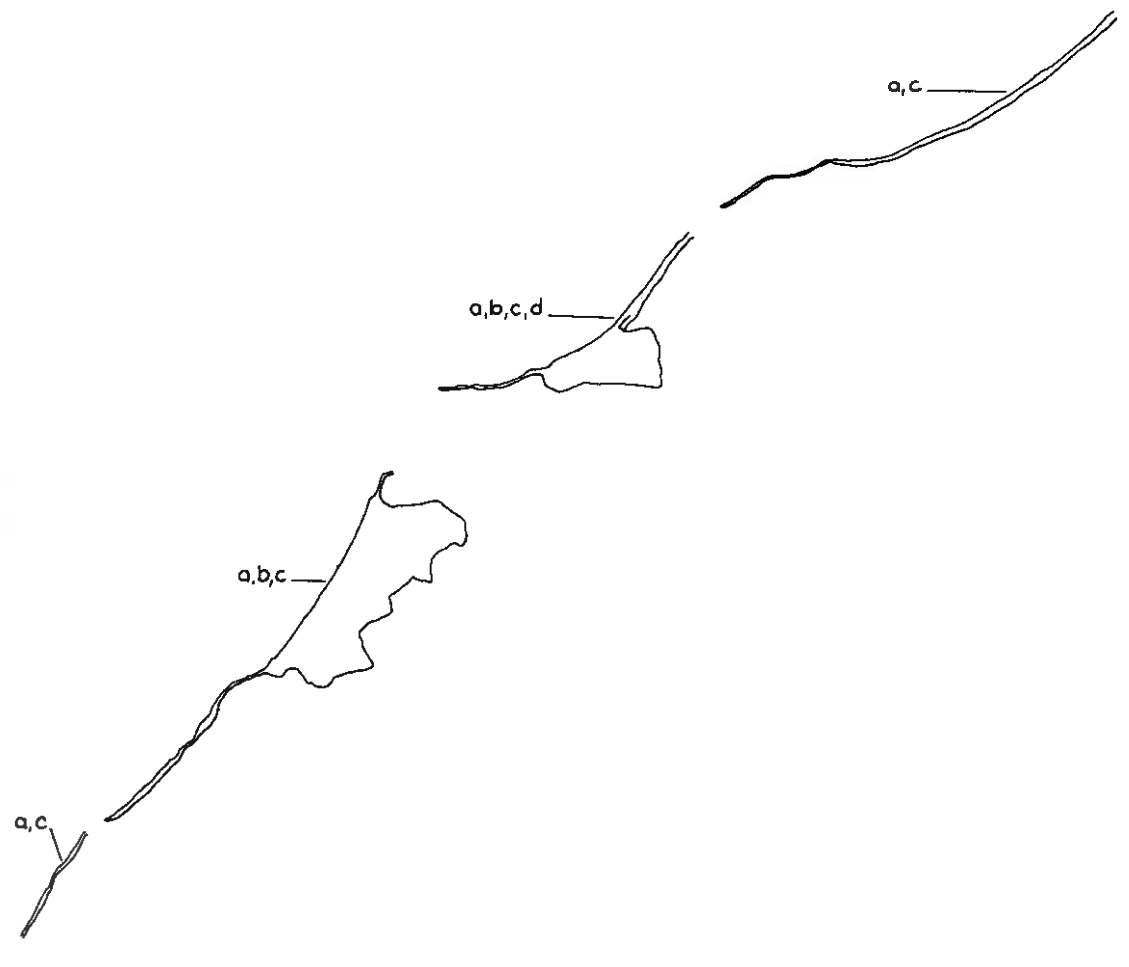
(a)	traditional use
(b)	aesthetic value
(c)	land/seascape value
(d)	spiritual value
(e)	educational value
(f)	other



3 HISTORIC VALUES

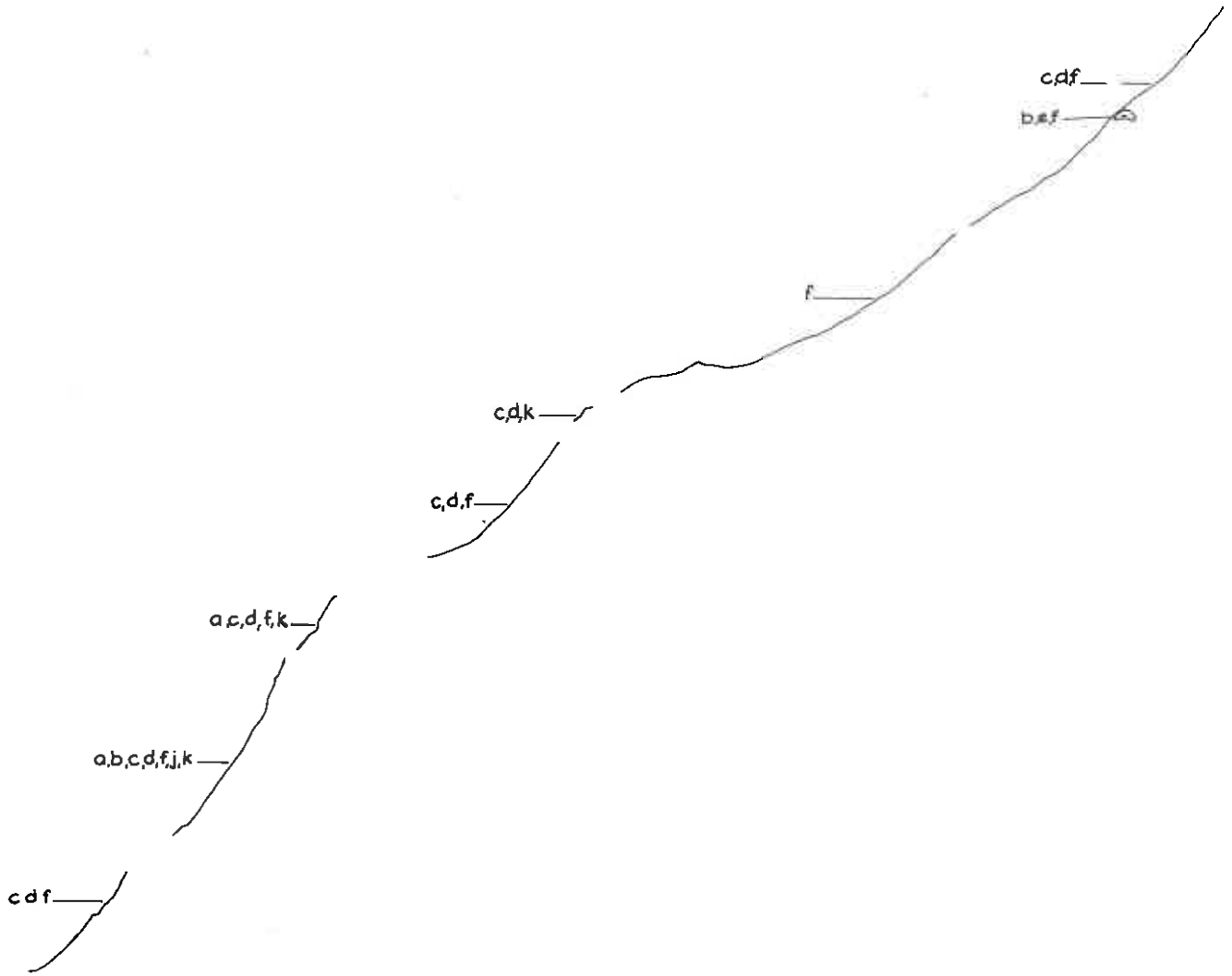
Features of Important Historic Value:

- (a) known historic value
- (b) archaeological value - Maori origin
- (c) archaeological value - non-Maori origin
- (d) shipwrecks & wreck sites
- (e) known national or international importance
- (f) other



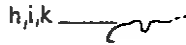
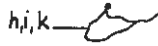
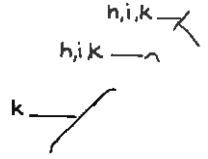
EXISTING THREATS

- (a) Erosion, flooding, landslip
- (b) Siltation
- (c) Noxious or invasive exotic plants
- (d) Noxious or farmed animals
- (e) Water pollution
- (f) Mining
- (g) Shore stabilisation works
- (h) Aquaculture
- (i) Fishing techniques
- (j) Spoil or refuse dumping
- (k) Recreation
- (l) Coastal sub-division
- (m) Other



5 HUMAN MODIFICATION AND USE

(a)	Land Development
(b)	Reclamations and causeways
(c)	Commercial port areas
(d)	Small boat harbours and moorings
(e)	Outfalls, major pipelines and cables
(f)	Artificial cuts
(g)	Beach replenishment
(h)	Shoreland-based recreation
(i)	Water-based recreation
(j)	Traditional Maori use
(k)	Other

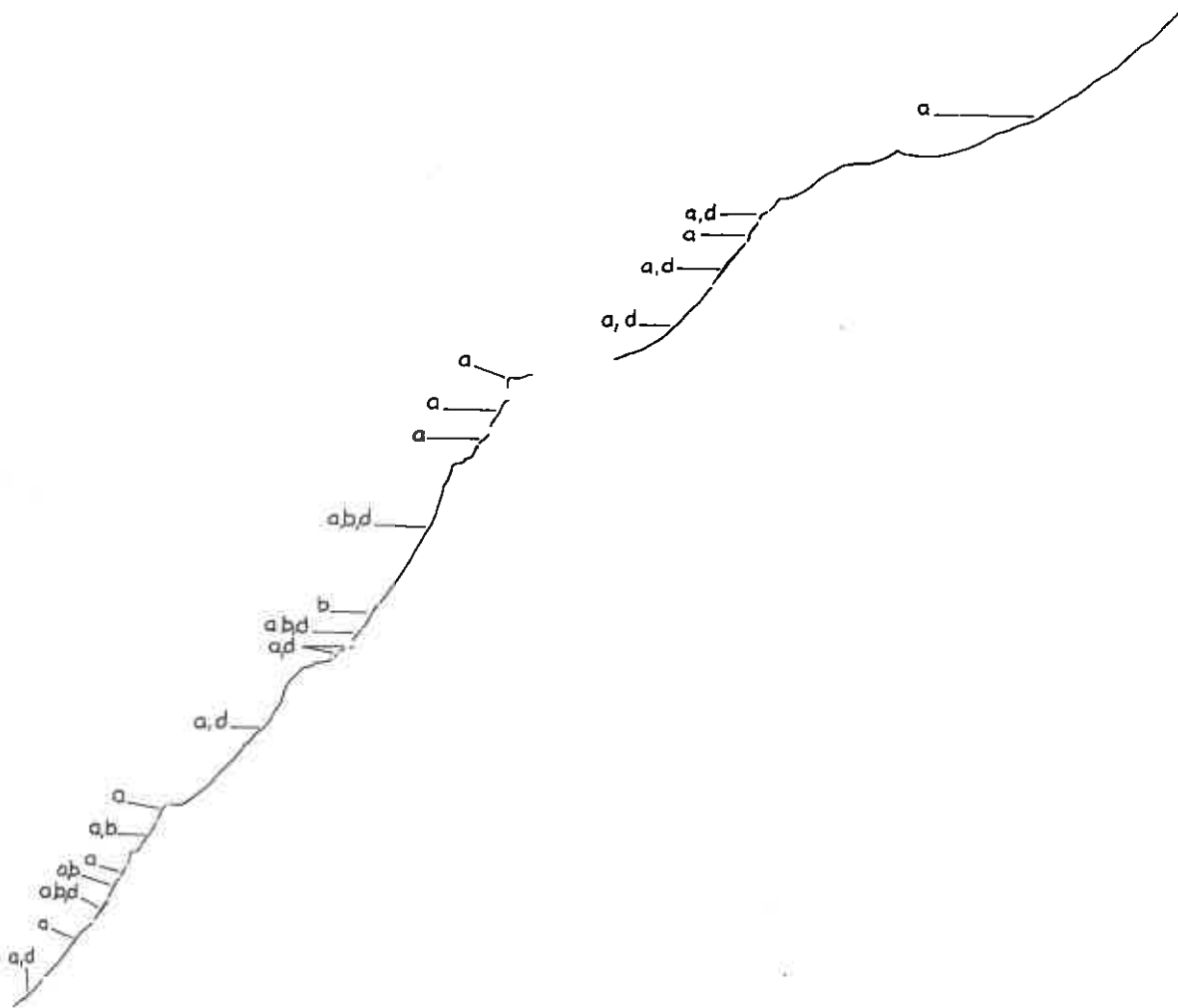


+




+

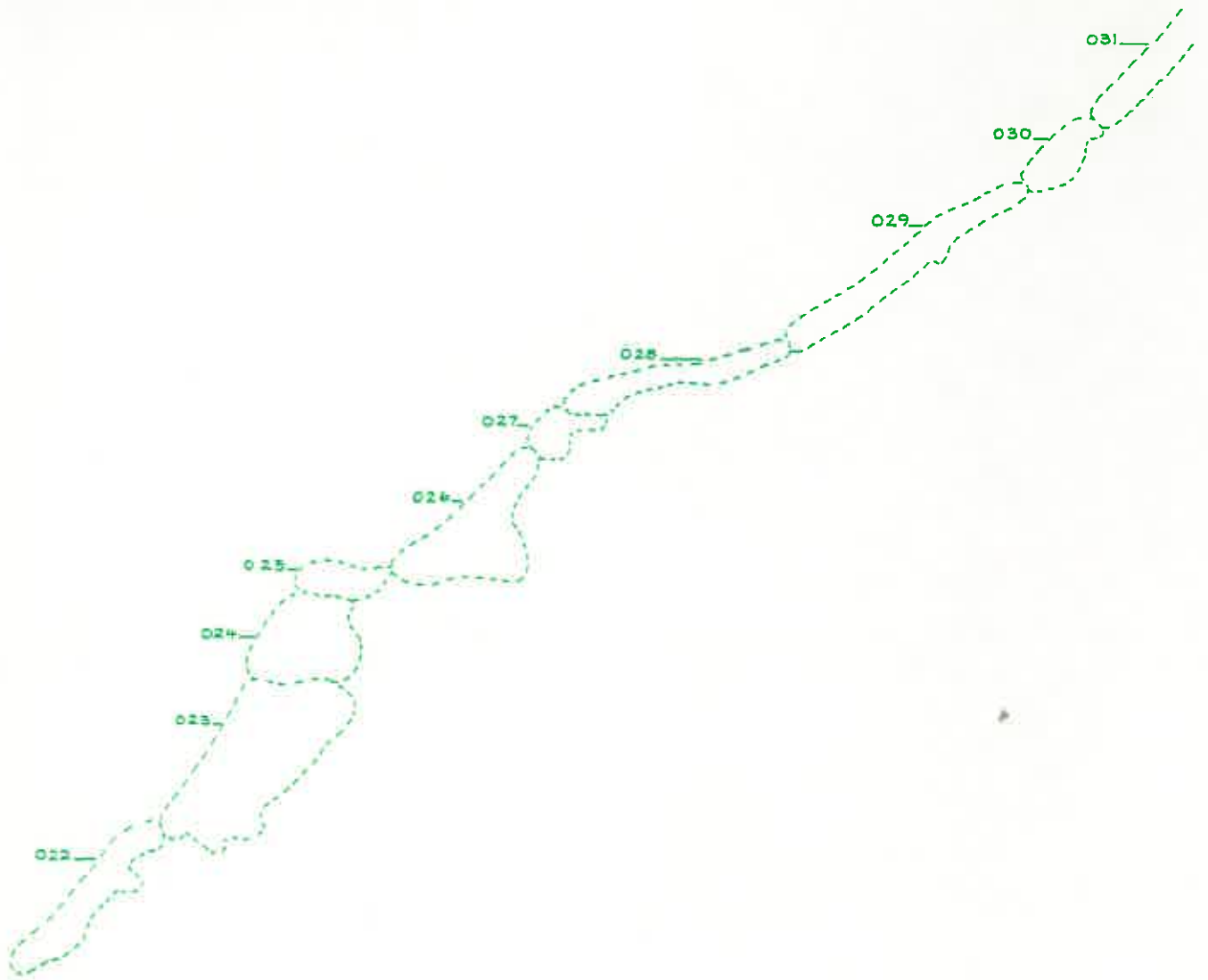
6 EXISTING PROTECTION

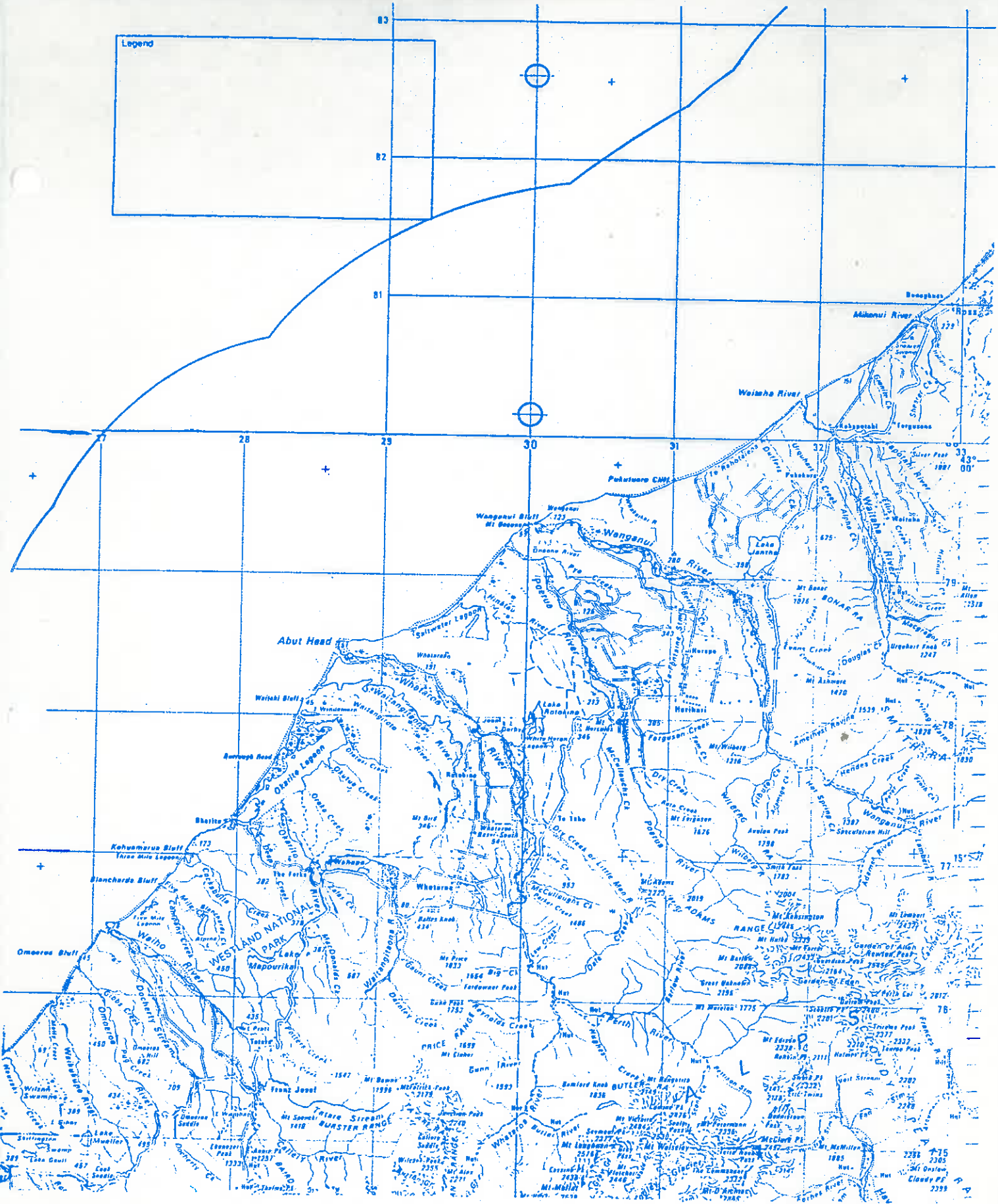
(a)	National protected areas
(b)	Regional protected areas
(c)	Local protected areas
(d)	Protective zoning
(e)	Marine parks
(f)	Private protected areas
(g)	Voluntary protection of areas
(h)	Rahui areas
(i)	Other




7 CONSERVATION VALUES

-  areas of conservation value
-  areas of existing information
-  areas where information is lacking





 **C.R.I. First Order Survey**

Sheet 12.1

Conservancy West Coast

Map No.

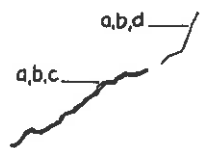
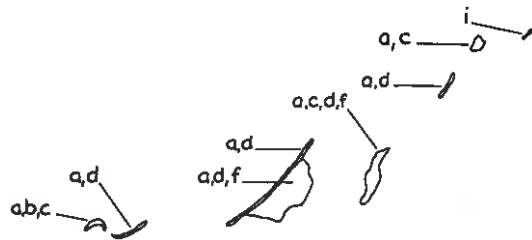
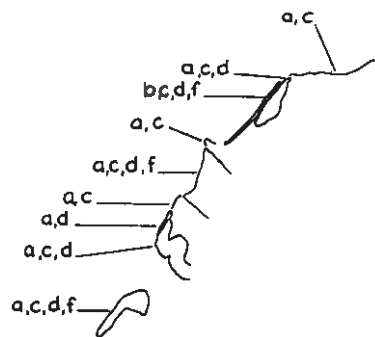
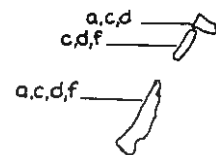
Category

Department of Survey and Land Information
Licence 1990/52
Crown Copyright Reserved

NATURAL VALUES

Features of Important Natural Value:

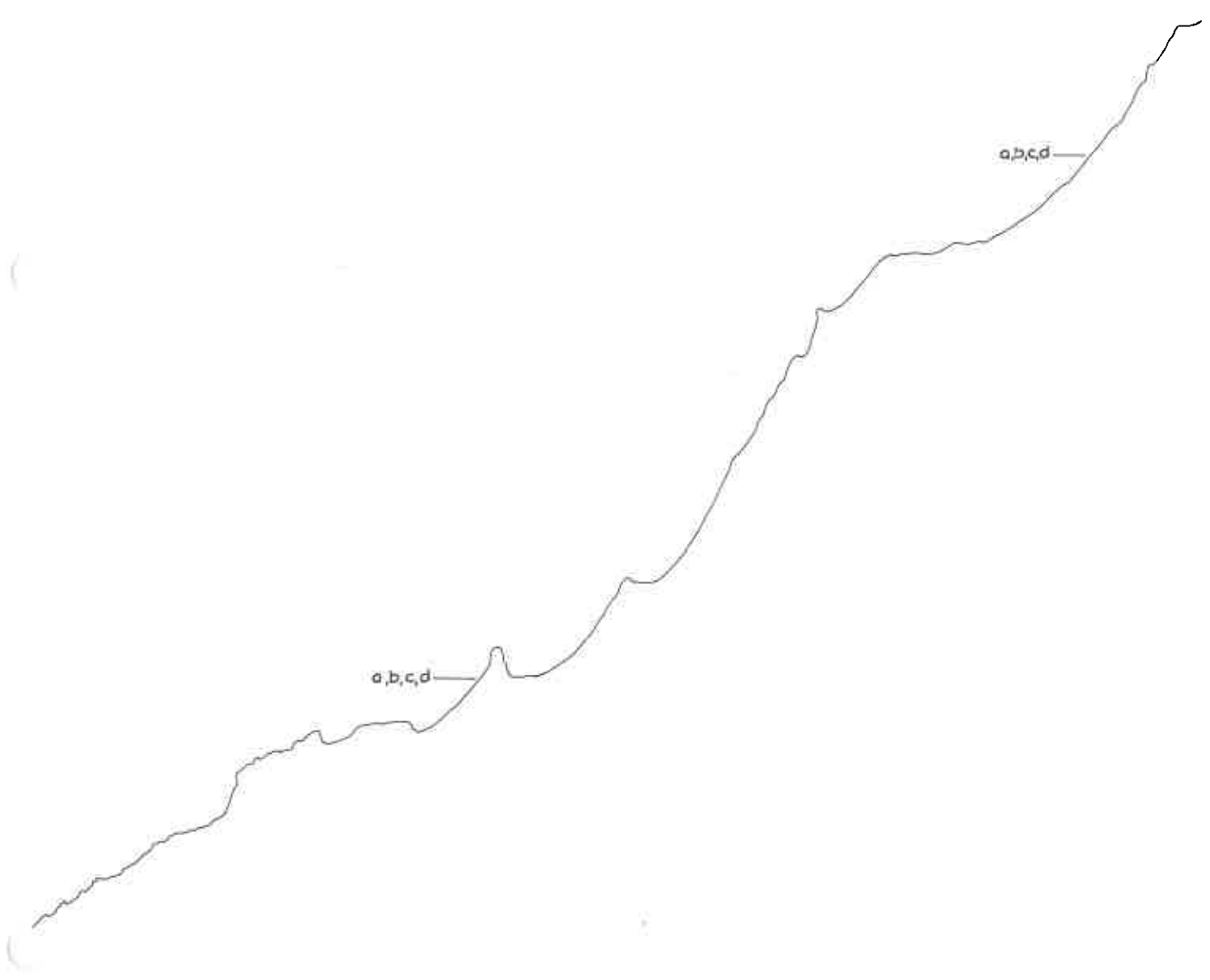
- (a) high degree of naturainess
- (b) rare/unique species, communities or habitats
- (c) important breeding/ feeding/ roosting/ haulout/ nursery areas
- (d) fragile/environmentally sensitive areas
- (e) unique or unusual landforms
- (f) representativeness
- (g) known scientific value
- (h) known national or international importance
- (i) other



2 CULTURAL VALUES

Features of Important Cultural Value

- (a) traditional use
- (b) aesthetic value
- (c) land/seascape value
- (d) spiritual value
- (e) educational value
- (f) other



3 HISTORIC VALUES

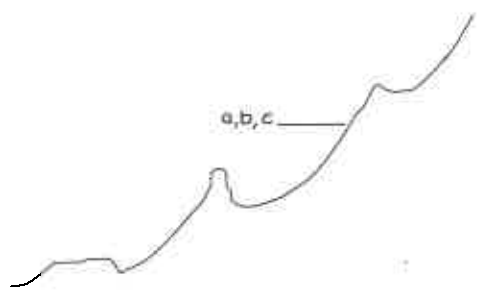
Features of Important Historic Value:

- (a) known historic value
- (b) archaeological value - Maori origin
- (c) archaeological value - non-Maori origin
- (d) shipwrecks & wreck sites
- (e) known national or international importance
- (f) other

a,c

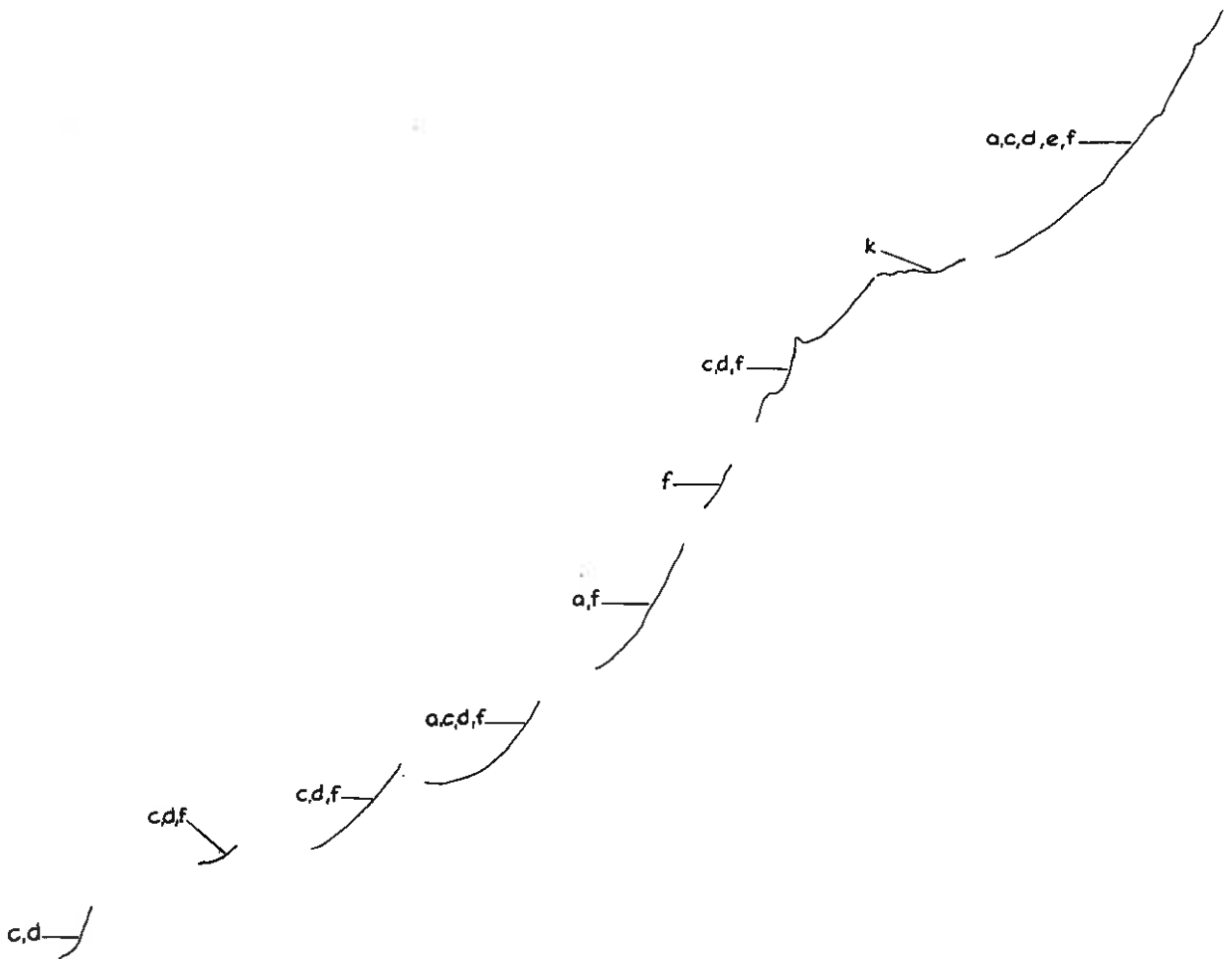
2/3

a,b,c



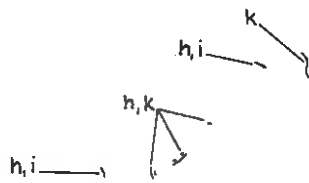
EXISTING THREATS

(a)	Erosion, flooding, landslip
(b)	Siltation
(c)	Noxious or invasive exotic plants
(d)	Noxious or farmed animals
(e)	Water pollution
(f)	Mining
(g)	Shore stabilisation works
(h)	Aquaculture
(i)	Fishing techniques
(j)	Spoil or refuse dumping
(k)	Recreation
(l)	Coastal sub-division
(m)	Other



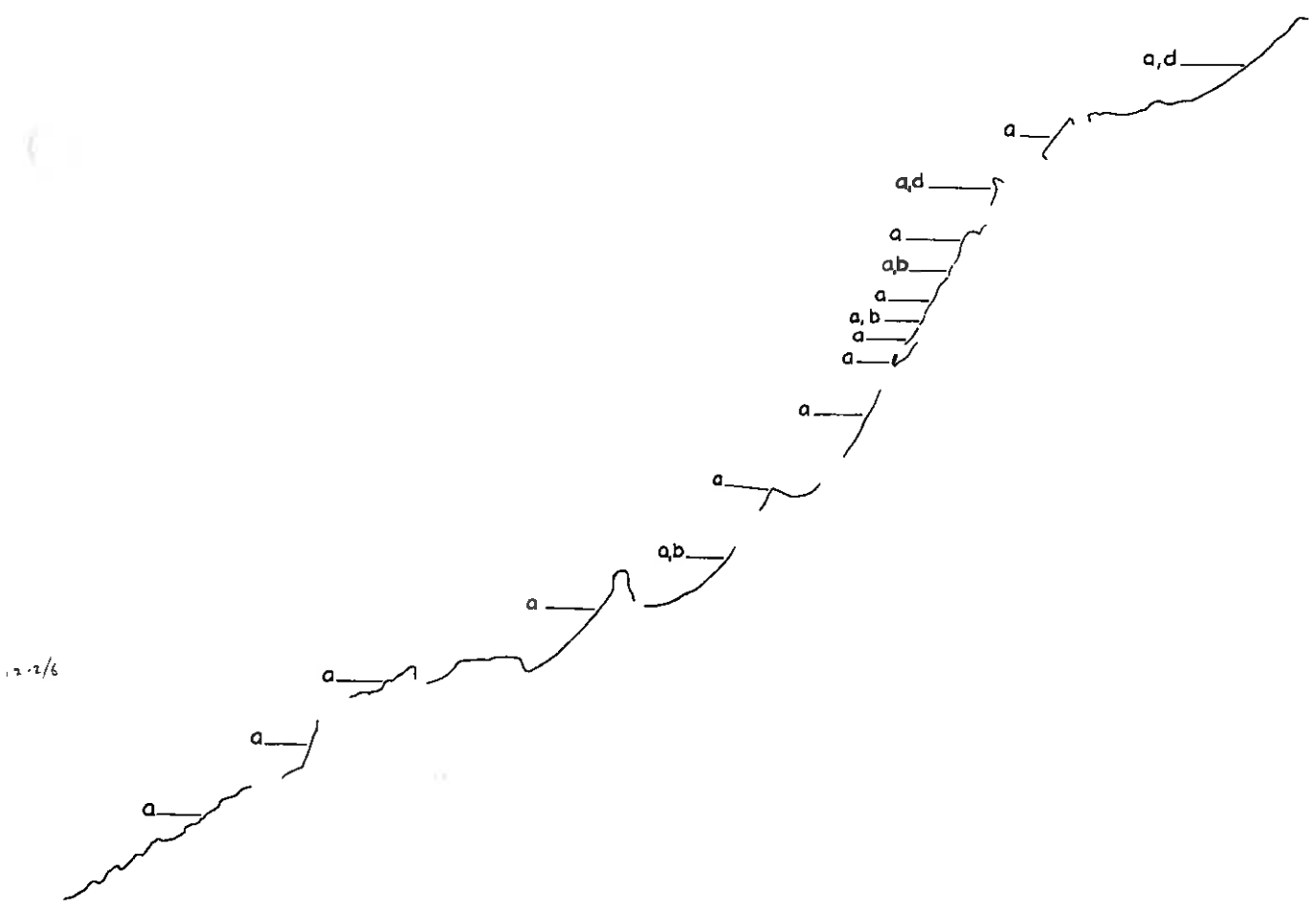
5 HUMAN MODIFICATION AND USE

(a)	Land Development
(b)	Reclamations and causeways
(c)	Commercial port areas
(d)	Small boat harbours and moorings
(e)	Outfalls, major pipelines and cables
(f)	Artificial cuts
(g)	Beach replenishment
(h)	Shoreland-based recreation
(i)	Water-based recreation
(j)	Traditional Maori use
(k)	Other



6 EXISTING PROTECTION




(a)	National protected areas
(b)	Regional protected areas
(c)	Local protected areas
(d)	Protective zoning
(e)	Marine parks
(f)	Private protected areas
(g)	Voluntary protection of areas
(h)	Rahui areas
(i)	Other

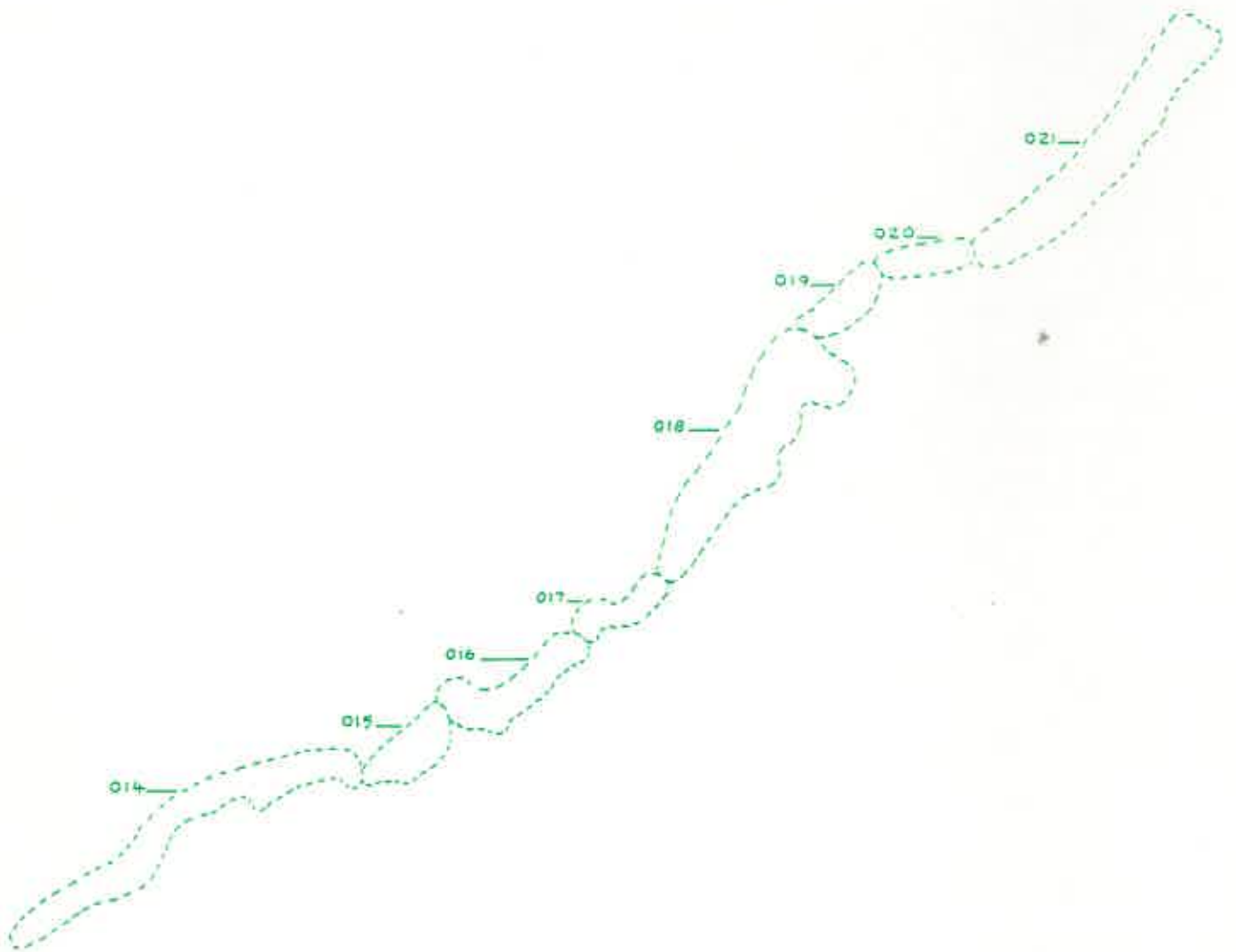


12-2/6

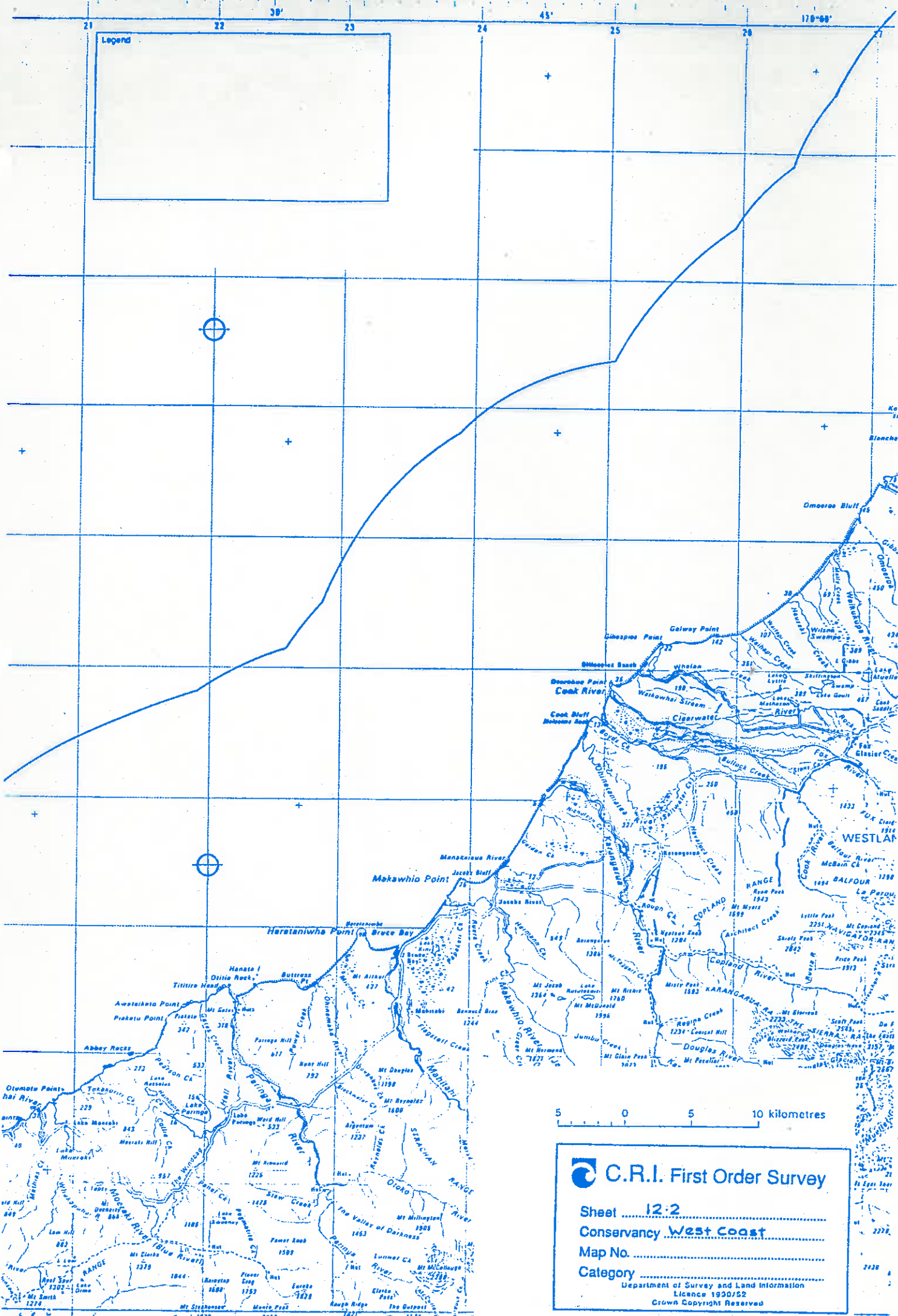
12-2/6
Existing Protection

7 CONSERVATION VALUES

	areas of conservation value
	areas of existing information
	areas where information is lacking

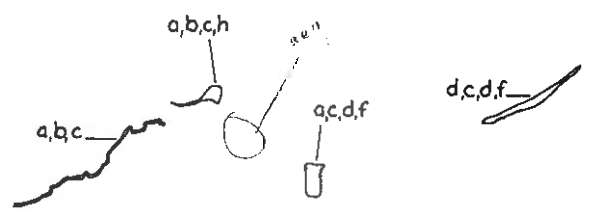
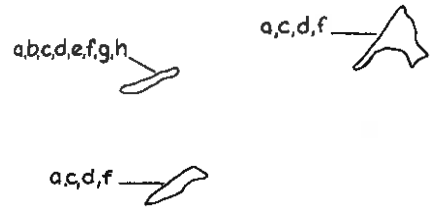
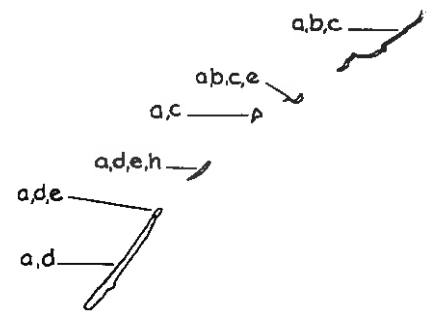


Legend



5 0 5 10 kilometres

C.R.I. First Order Survey
 Sheet 12.2
 Conservancy West Coast
 Map No.
 Category
 Department of Survey and Land Information
 Licence 1930/52
 Crown Copyright Reserved



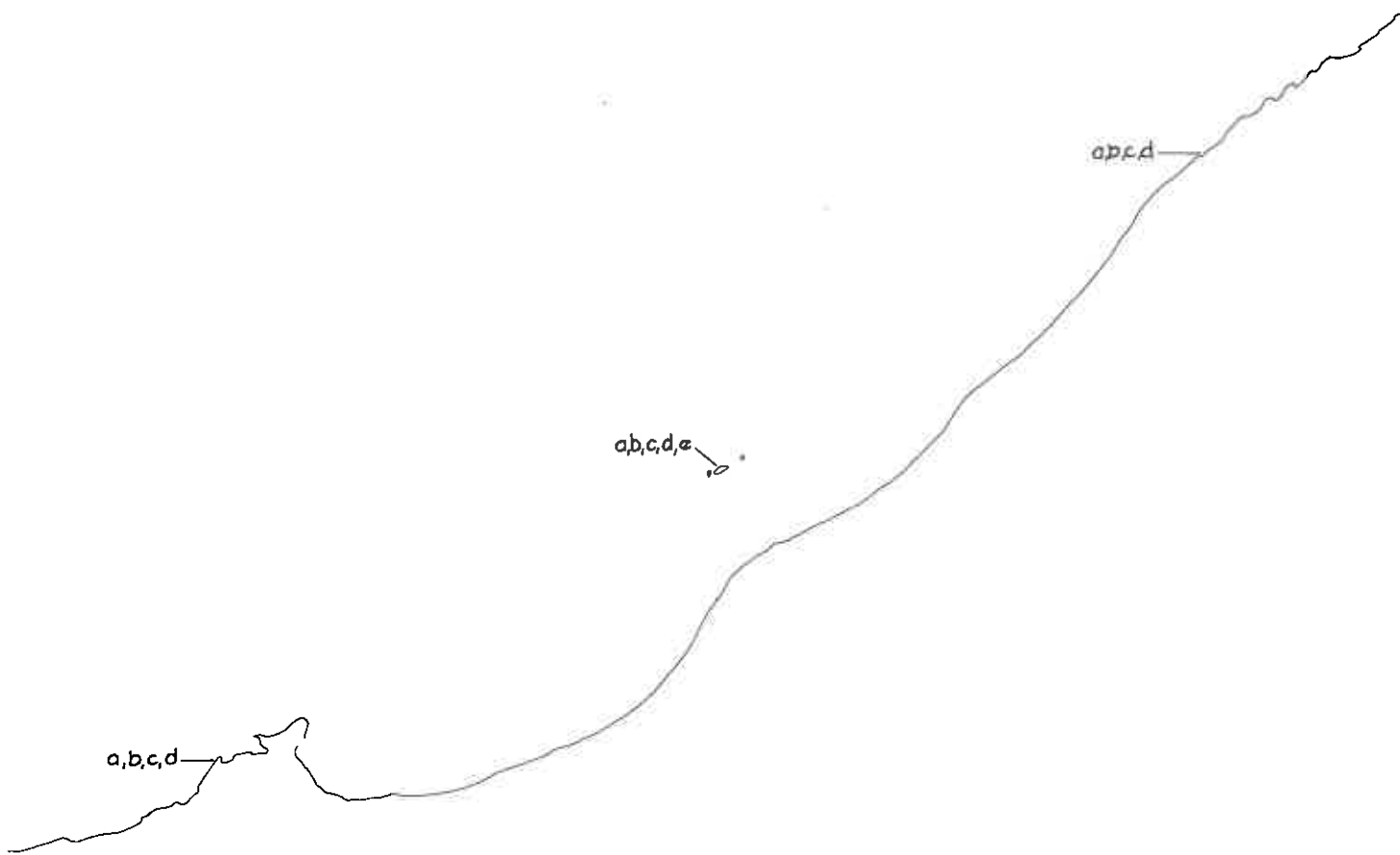
12/2/1

NATURAL VALUES

Features of Important Natural Value:

- (a) high degree of naturalness
- (b) rare/unique species, communities or habitats
- (c) important breeding/feeding/roosting/haulout/nursery areas
- (d) fragile/environmentally sensitive areas
- (e) unique or unusual landforms
- (f) representativeness
- (g) known scientific value
- (h) known national or international importance
- (i) other

12.3/1
Natural

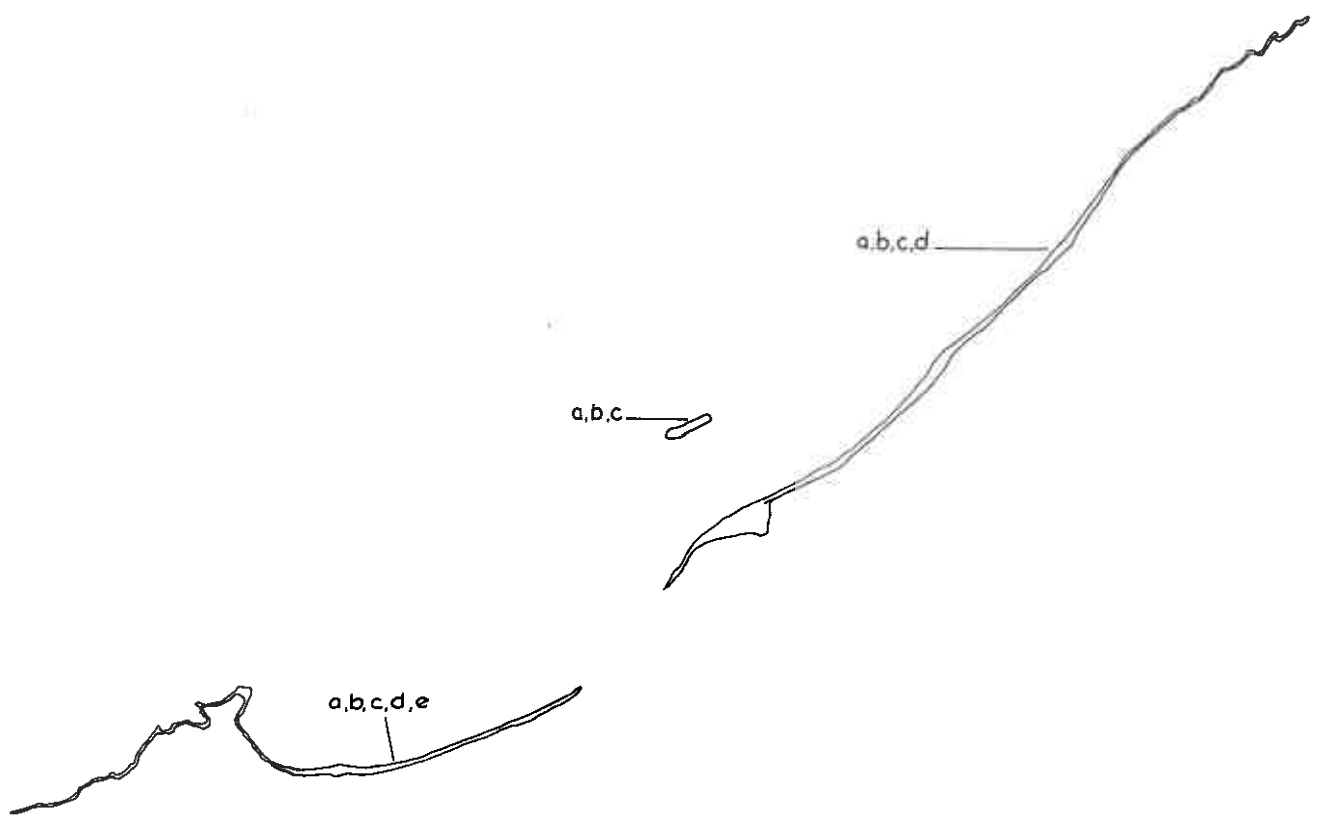


2 CULTURAL VALUES

Features of Important Cultural Value

(a)	traditional use
(b)	aesthetic value
(c)	land/seascape value
(d)	spiritual value
(e)	educational value
(f)	other

12.3/2
Cultural

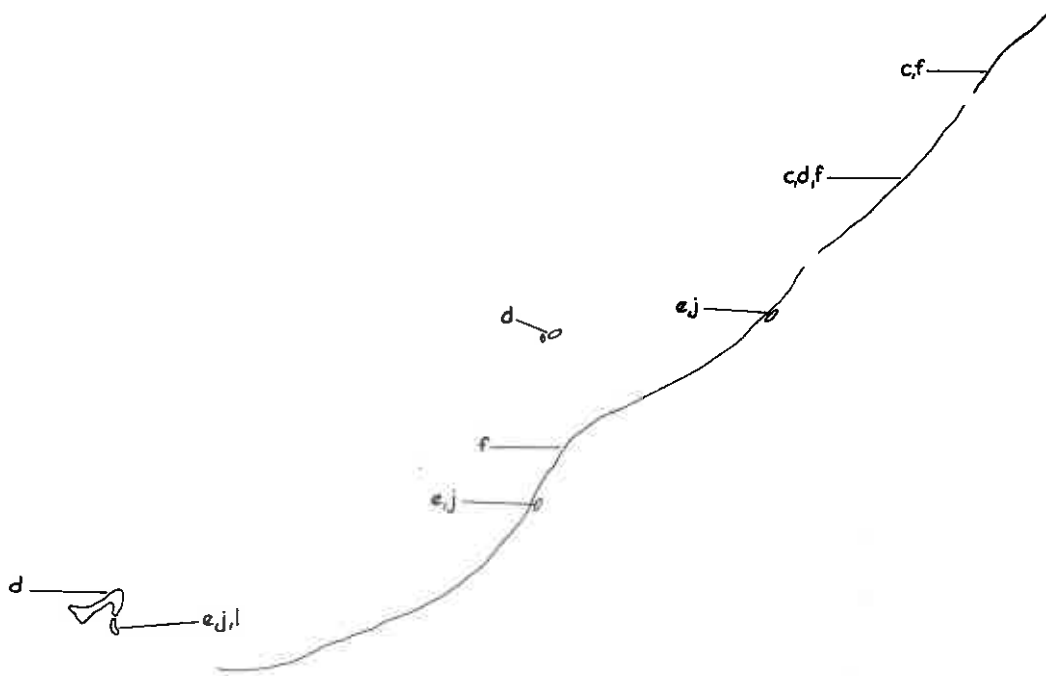


12/3/3

3 HISTORIC VALUES

Features of Important Historic Value:

- (a) known historic value
- (b) archaeological value - Maori origin
- (c) archaeological value - non-Maori origin
- (d) shipwrecks & wreck sites
- (e) known national or international importance
- (f) other



4 EXISTING THREATS

(a)	Erosion, flooding, landlip
(b)	Siltation
(c)	Noxious or invasive exotic plants
(d)	Noxious or farmed animals
(e)	Water pollution
(f)	Mining
(g)	Shore stabilisation works
(h)	Aquaculture
(i)	Fishing techniques
(j)	Spoil or refuse dumping
(k)	Recreation
(l)	Coastal sub-division
(m)	Other

12.3/4
Threats

h,j,k
g,h,i,k
h,j,k

k

k

a,h,i,k

a,h,i,k

a,h,i,k

h,i,j

a

a,c,d,h,i,k

a

a

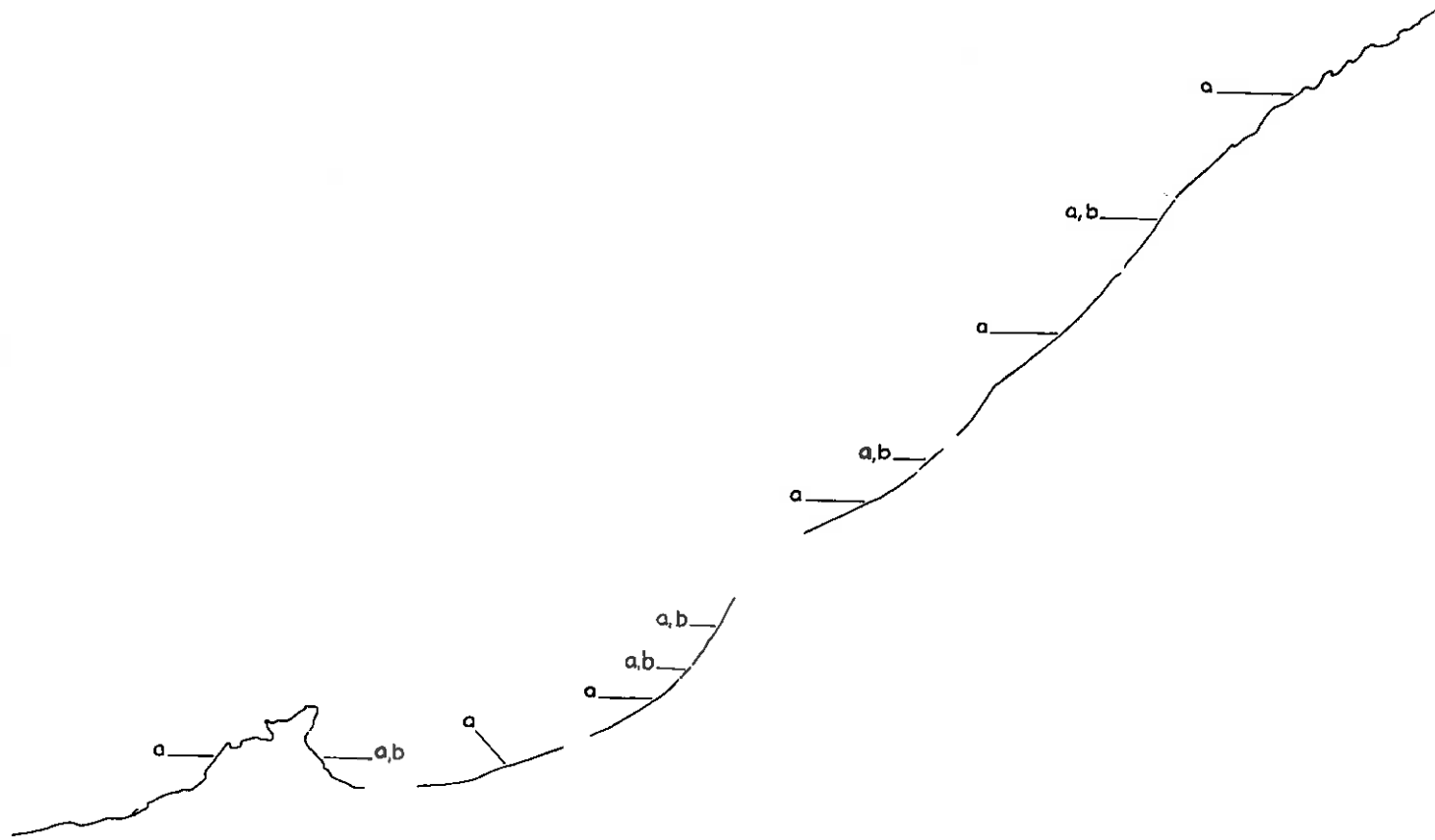
12-3/5

5 HUMAN MODIFICATION AND USE

- (a) Land Development
- (b) Reclamations and causeways
- (c) Commercial port areas
- (d) Small boat harbours and moorings
- (e) Outfalls, major pipelines and cables
- (f) Artificial cuts
- (g) Beach replenishment
- (h) Shoreland-based recreation
- (i) Water-based recreation
- (j) Traditional Maori use
- (k) Other

12-3/5
Human Modification

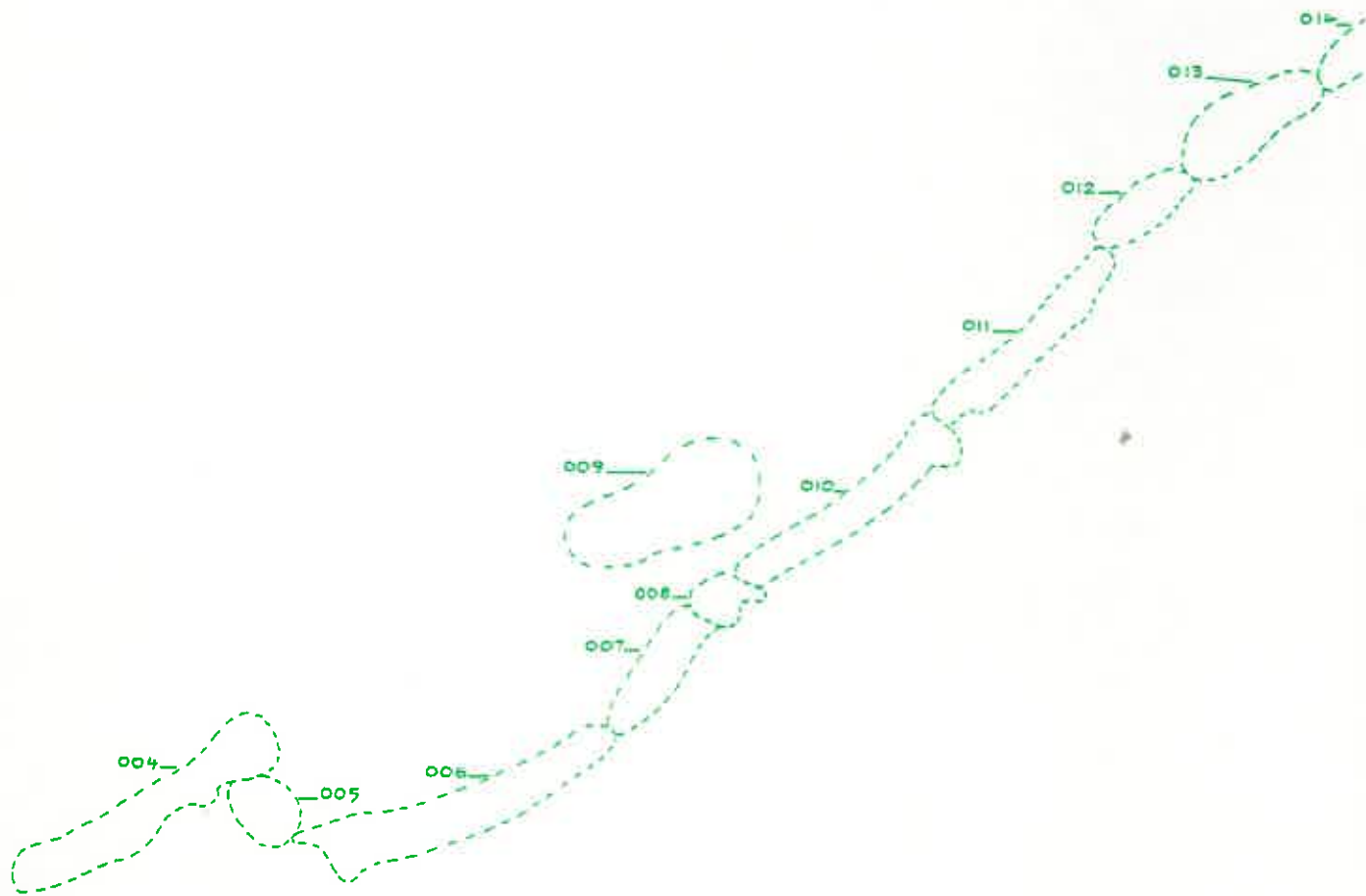
12/6





6 EXISTING PROTECTION

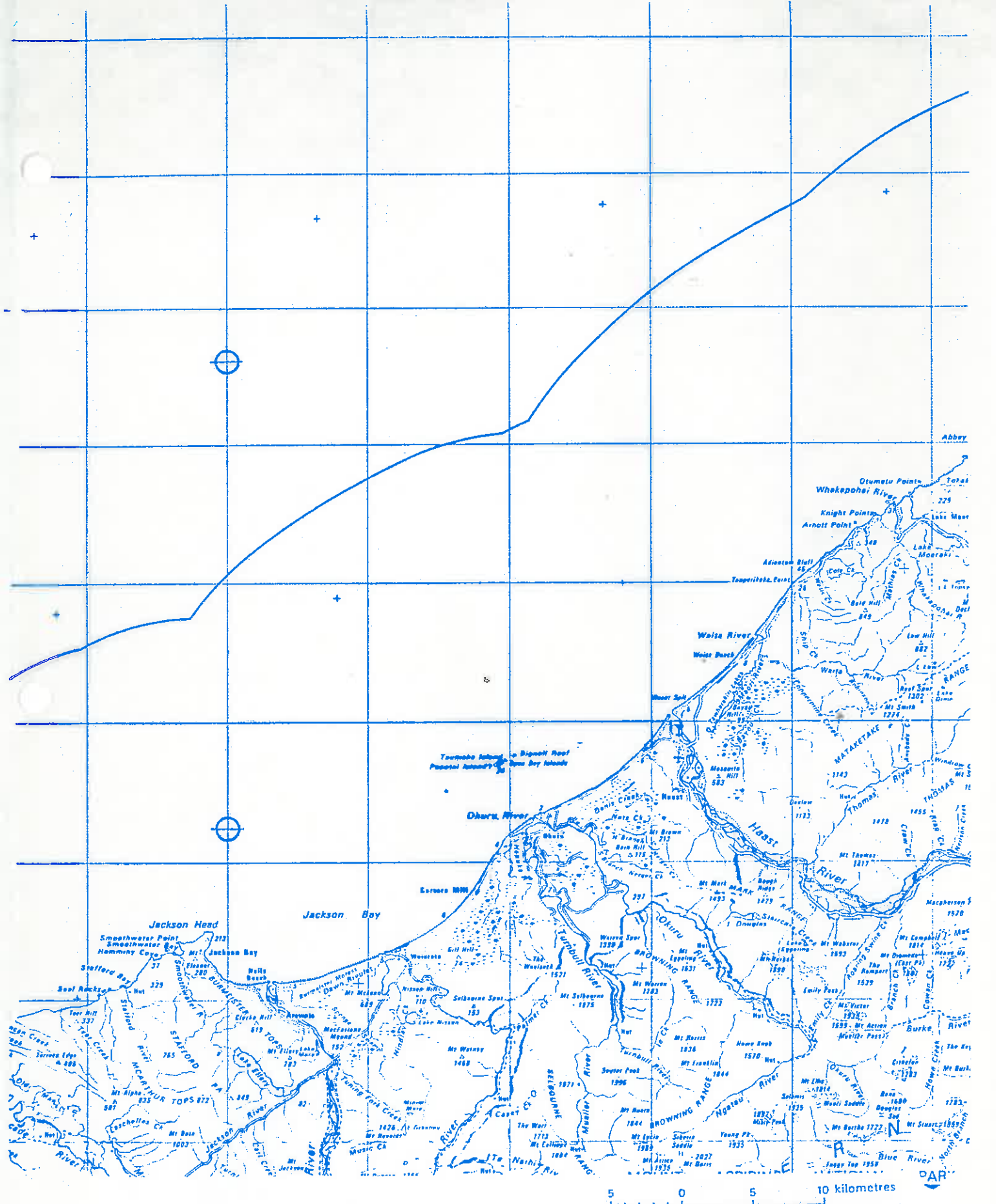
- (a) National protected areas
- (b) Regional protected areas
- (c) Local protected areas
- (d) Protective zoning
- (e) Marine parks
- (f) Private protected areas
- (g) Voluntary protection of areas
- (h) Rāhui areas
- (i) Other

12-3/6
Existing Protection



CONSERVATION VALUES

-  areas of conservation value
-  areas of existing information
- areas where information is lacking



Legend

Blank box for legend content.

C.R.I. First Order Survey

Sheet 12.3

Conservancy West Coast

Map No.

Category

Department of Survey and Land Information
 License 1970/58
 Crown Copyright Reserved

12.4

12.4.1

12.4.2

12.4.3

12.4.4

12.4.5

12.4.6

12.4.7

12.4.8

12.4.9

12.4.10

12.4.11

12.4.12

12.4.13

12.4.14

12.4.15

12.4.16

12.4.17

12.4.18

12.4.19

12.4.20

12.4.21

12.4.22

12.4.23

12.4.24

12.4.25

12.4.26

12.4.27

12.4.28

12.4.29

12.4.30

12.4.31

12.4.32

12.4.33

12.4.34

12.4.35

12.4.36

12.4.37

12.4.38

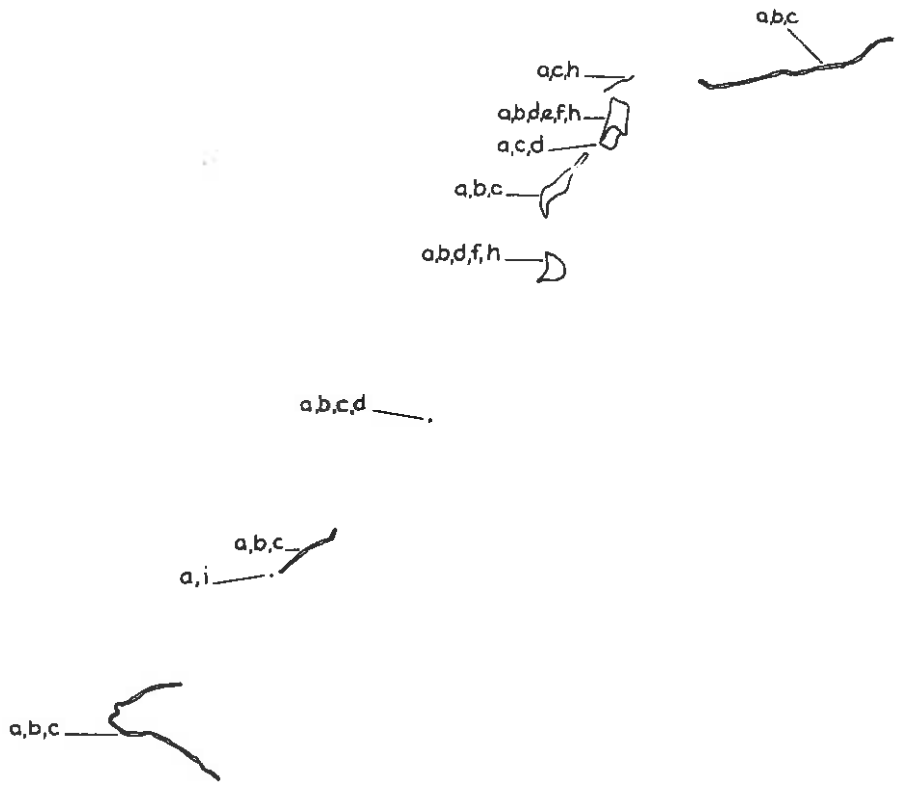
12.4.39

12.4.40

NATURAL VALUES

Features of Important Natural Value:

- (a) high degree of naturalness
- (b) rare/unique species, communities or habitats
- (c) important breeding/ feeding/ roosting/ haulout/ nursery areas
- (d) fragile/environmentally sensitive areas
- (e) unique or unusual landforms
- (f) representativeness
- (g) known scientific value
- (h) known national or international importance
- (i) other



2 CULTURAL VALUES

Features of Important Cultural Value

(a)	traditional use
(b)	aesthetic value
(c)	land/seascape value
(d)	spiritual value
(e)	educational value
(f)	other

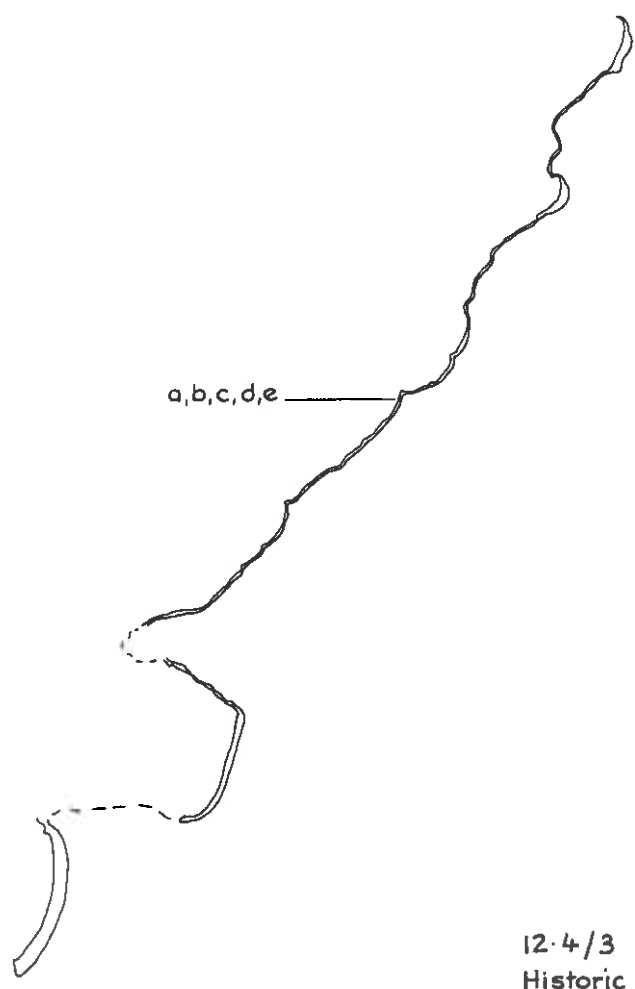


12.4/2
Cultural

3 HISTORIC VALUES

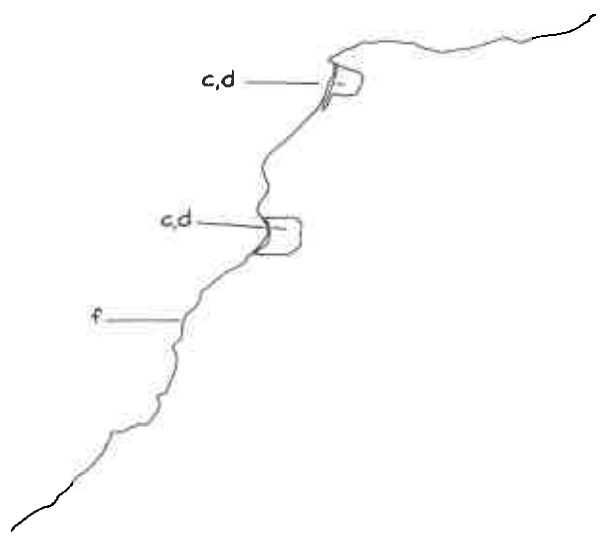
Features of Important Historic Value:

- | | |
|-----|--|
| (a) | known historic value |
| (b) | archaeological value - Maori origin |
| (c) | archaeological value - non-Maori origin |
| (d) | shipwrecks & wreck sites |
| (e) | known national or international importance |
| (f) | other |



EXISTING THREATS

- (a) Erosion, flooding, landslip
- (b) Siltation
- (c) Noxious or invasive exotic plants
- (d) Noxious or farmed animals
- (e) Water pollution
- (f) Mining
- (g) Shore stabilisation works
- (h) Aquaculture
- (i) Fishing techniques
- (j) Spoil or refuse dumping
- (k) Recreation
- (l) Coastal sub-division
- (m) Other



12.4/4
Threats

5 HUMAN MODIFICATION AND USE

- (a) Land Development
- (b) Reclamations and causeways
- (c) Commercial port areas
- (d) Small boat harbours and moorings
- (e) Outfalls, major pipelines and cables
- (f) Artificial cuts
- (g) Beach replenishment
- (h) Shoreland-based recreation
- (i) Water-based recreation
- (j) Traditional Maori use
- (k) Other

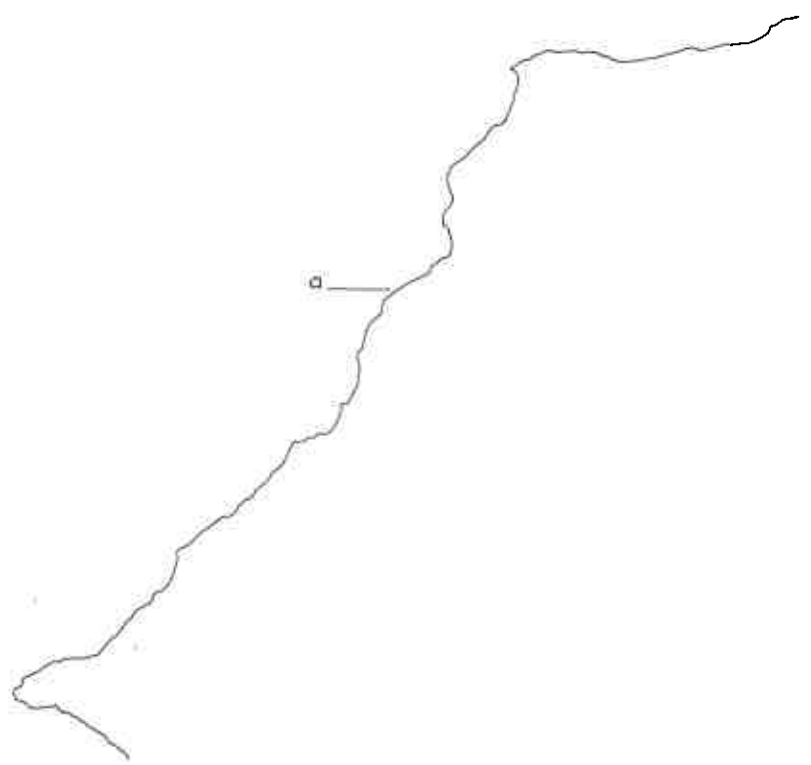
a →

a ○

a ○

6 EXISTING PROTECTION

- (a) National protected areas
- (b) Regional protected areas
- (c) Local protected areas
- (d) Protective zoning
- (e) Marine parks
- (f) Private protected areas
- (g) Voluntary protection of areas
- (h) Rahui areas
- (i) Other

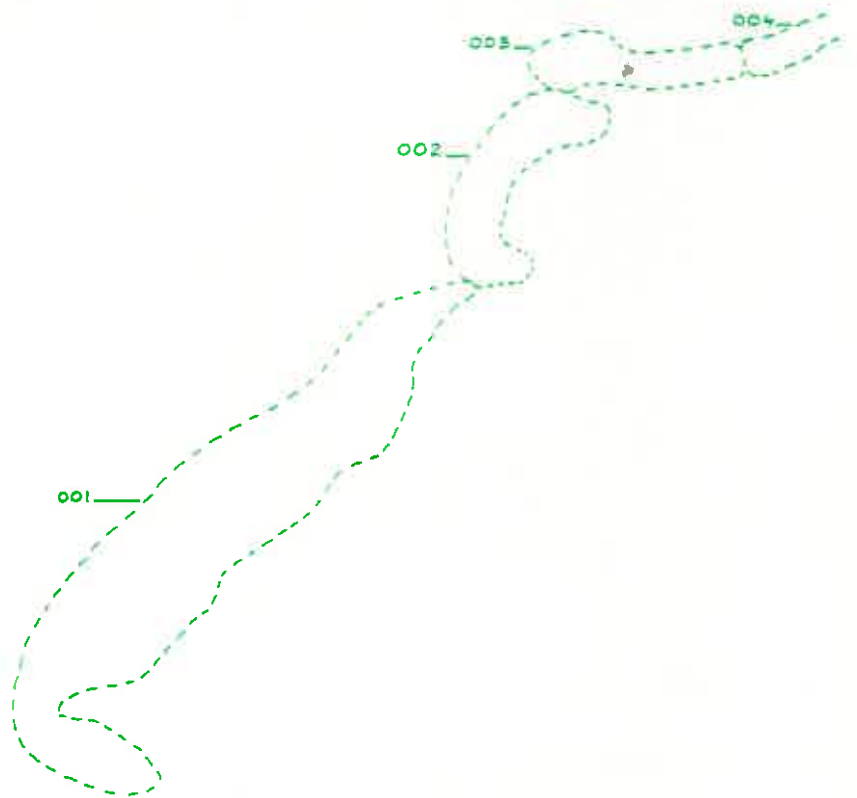


16

† CONSERVATION VALUES



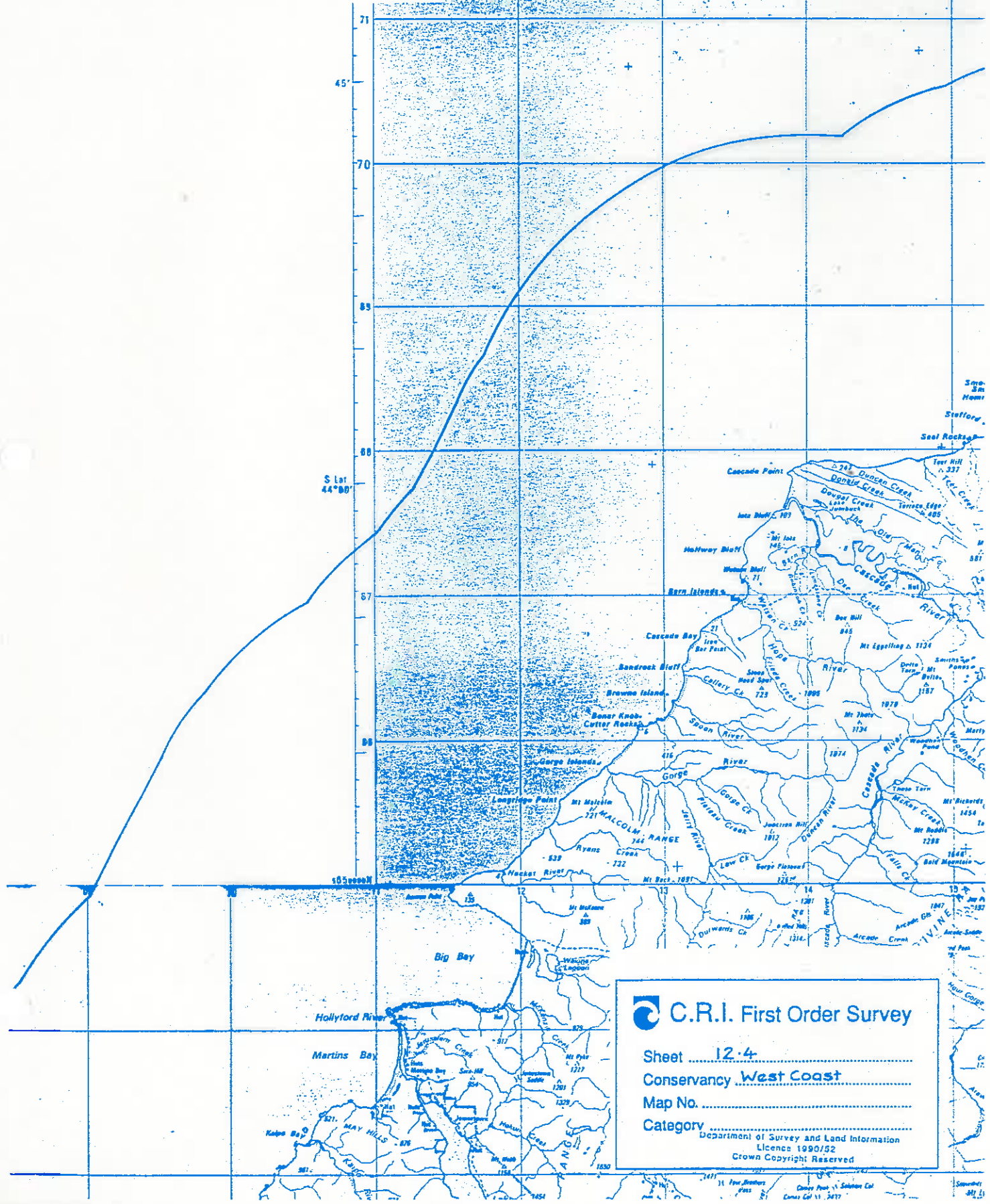
areas of conservation value
areas of existing information
areas where information is lacking






5 0 5 10 kilometres

73
71
45
70
69
68
67
66
65
S Lat 44°00'



 **C.R.I. First Order Survey**

Sheet 12.4

Conservancy West Coast

Map No. _____

Category _____

Department of Survey and Land Information
Licence 1990/92
Crown Copyright Reserved