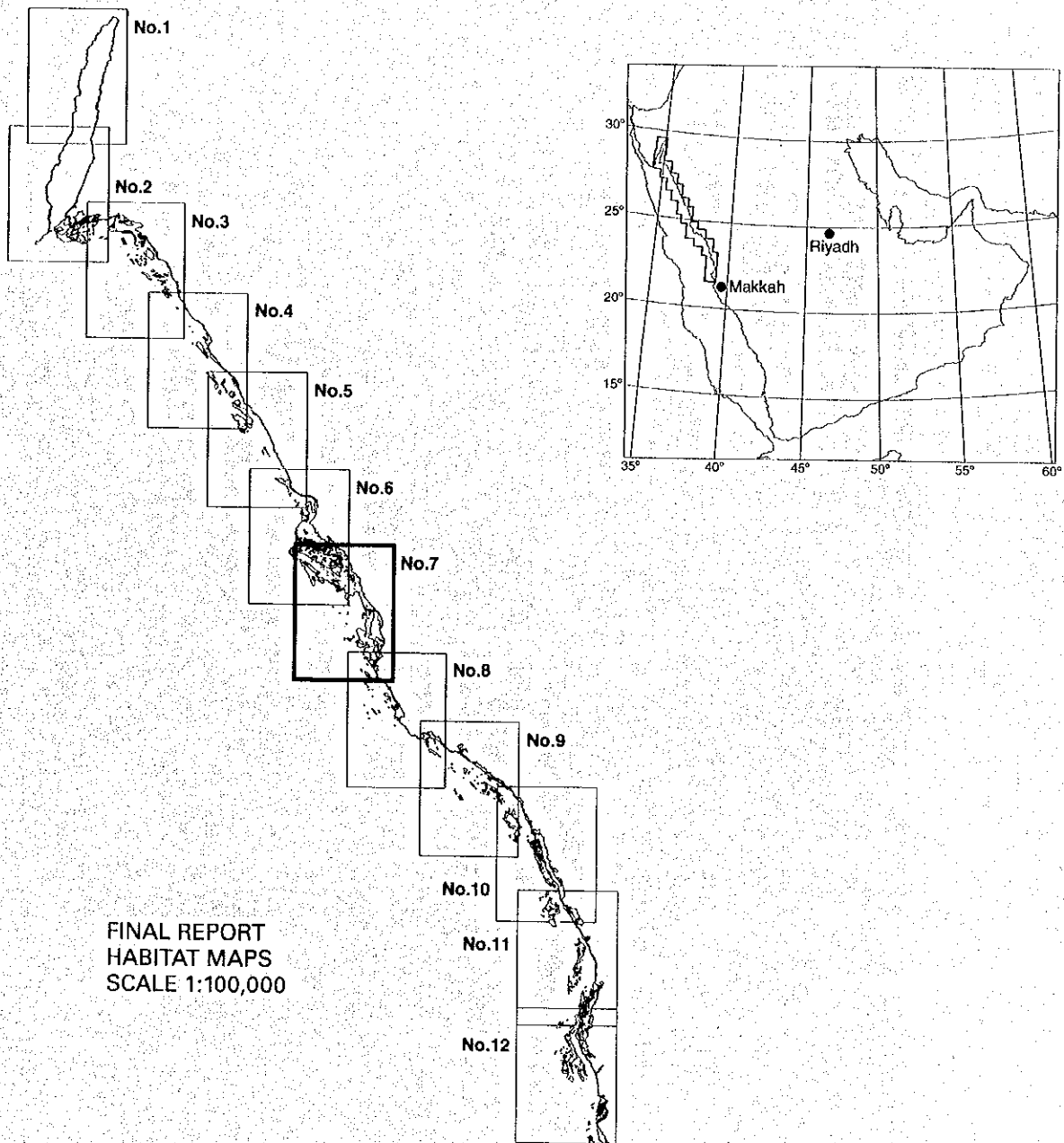


JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

**NATIONAL COMMISSION FOR WILDLIFE CONSERVATION AND
DEVELOPMENT (NCWCD), KINGDOM OF SAUDI ARABIA**

**THE STUDY ON
COASTAL / MARINE HABITAT AND BIOLOGICAL INVENTORIES
IN THE NORTHERN PART OF THE RED SEA COAST
IN THE KINGDOM OF SAUDI ARABIA**



FINAL REPORT
HABITAT MAPS
SCALE 1:100,000

**JAPAN WILDLIFE RESEARCH CENTER
SHIN-NIPPON METEOROLOGICAL & OCEANOGRAPHICAL CONSULTANT CO.,LTD.**

37 35 E 37 40 E 37 45 E 37 50 E 37 55 E 38 00 E 38 05 E 38 10 E 38 15 E 38 20 E

25 40 N 25 35 N 25 30 N 25 25 N 25 20 N

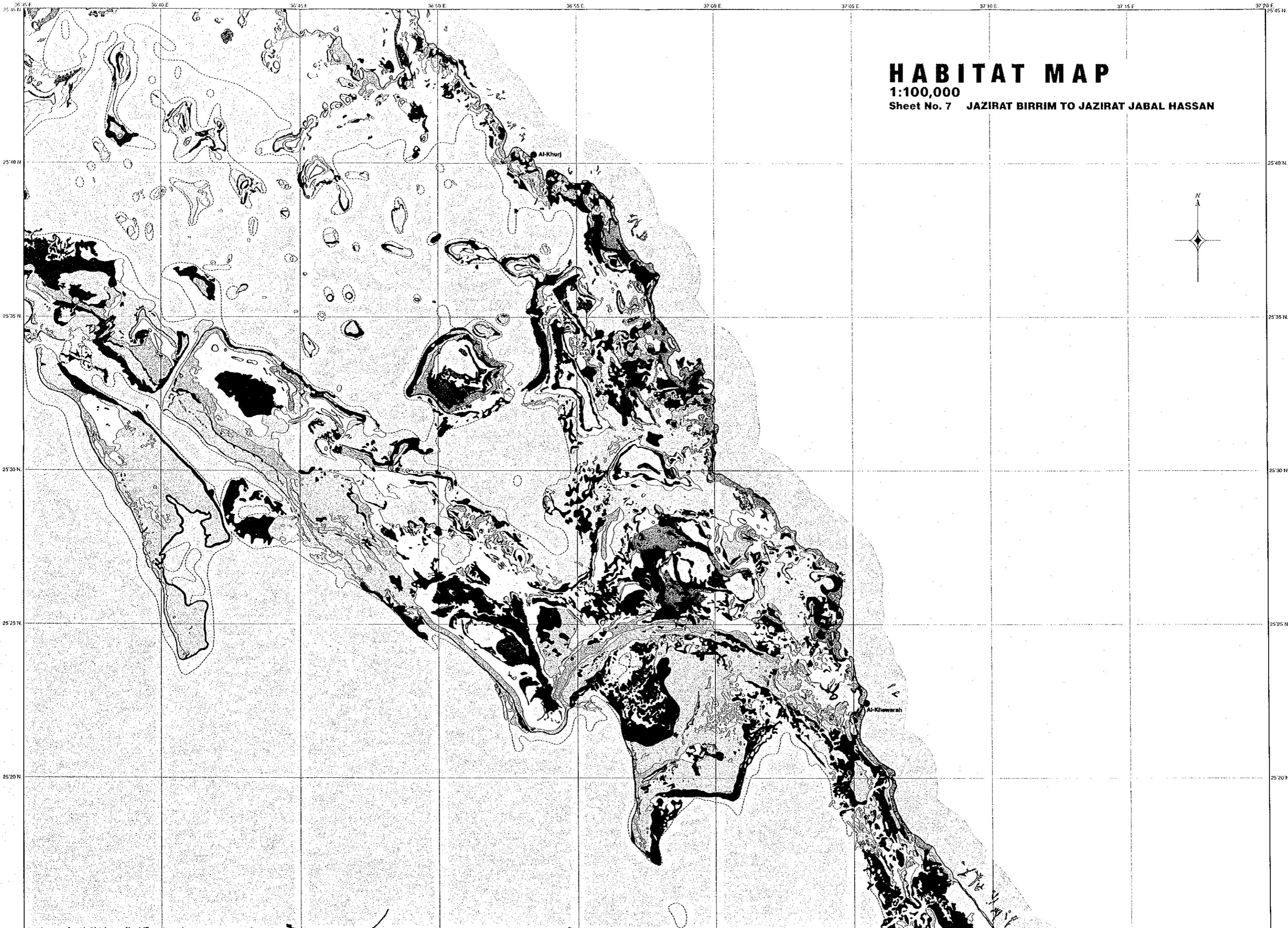
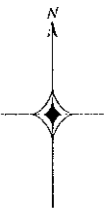
HABITAT MAP

1:100,000

Sheet No. 7 JAZIRAT BIRRIM TO JAZIRAT JABAL HASSAN

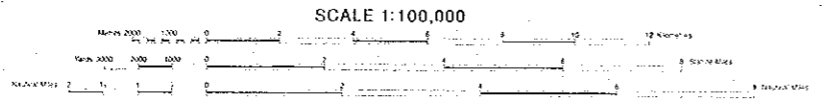
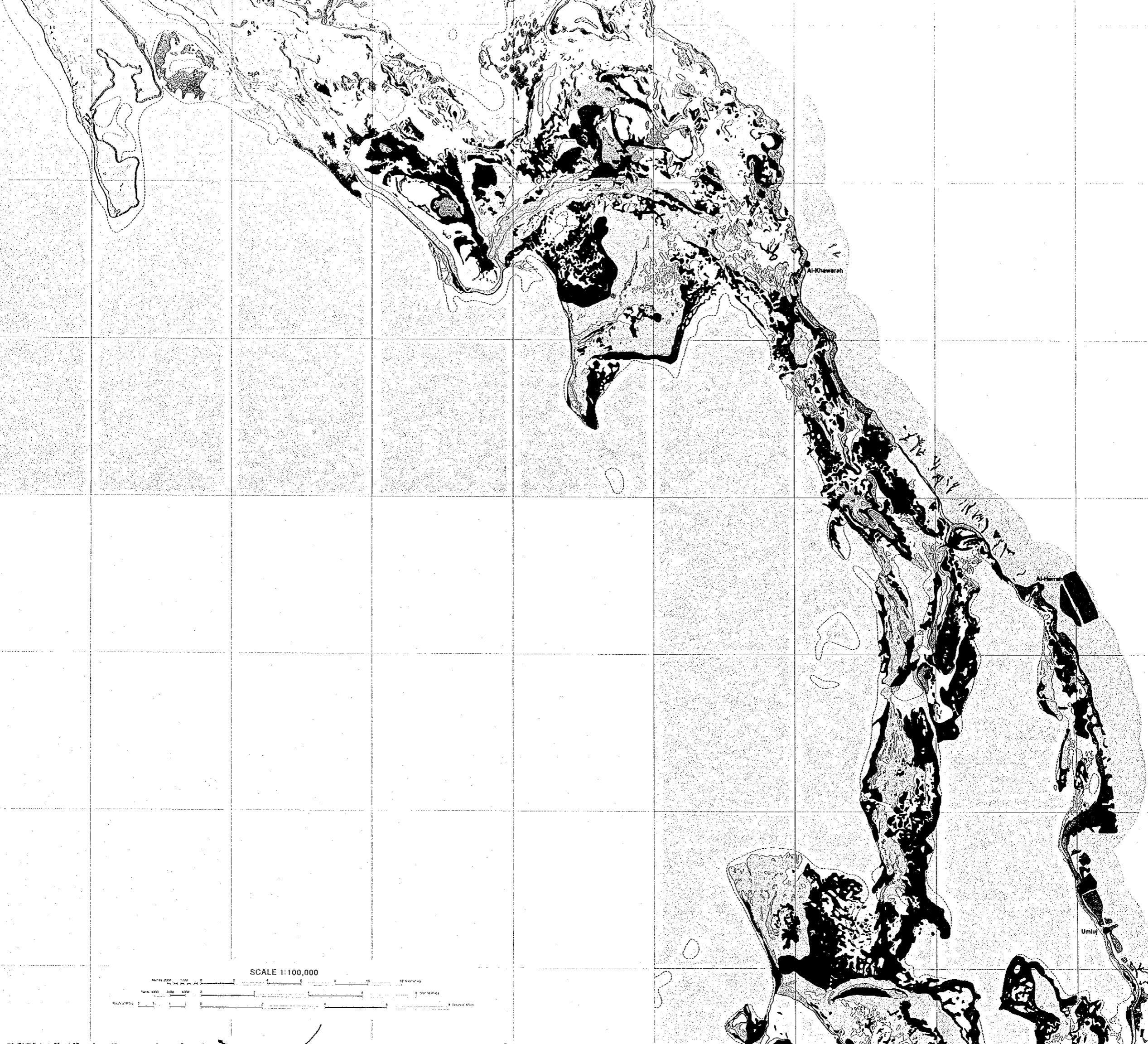
Al-Khurj

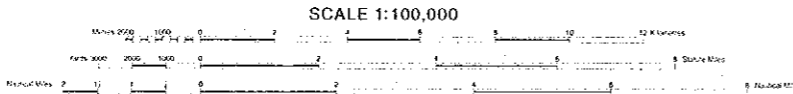
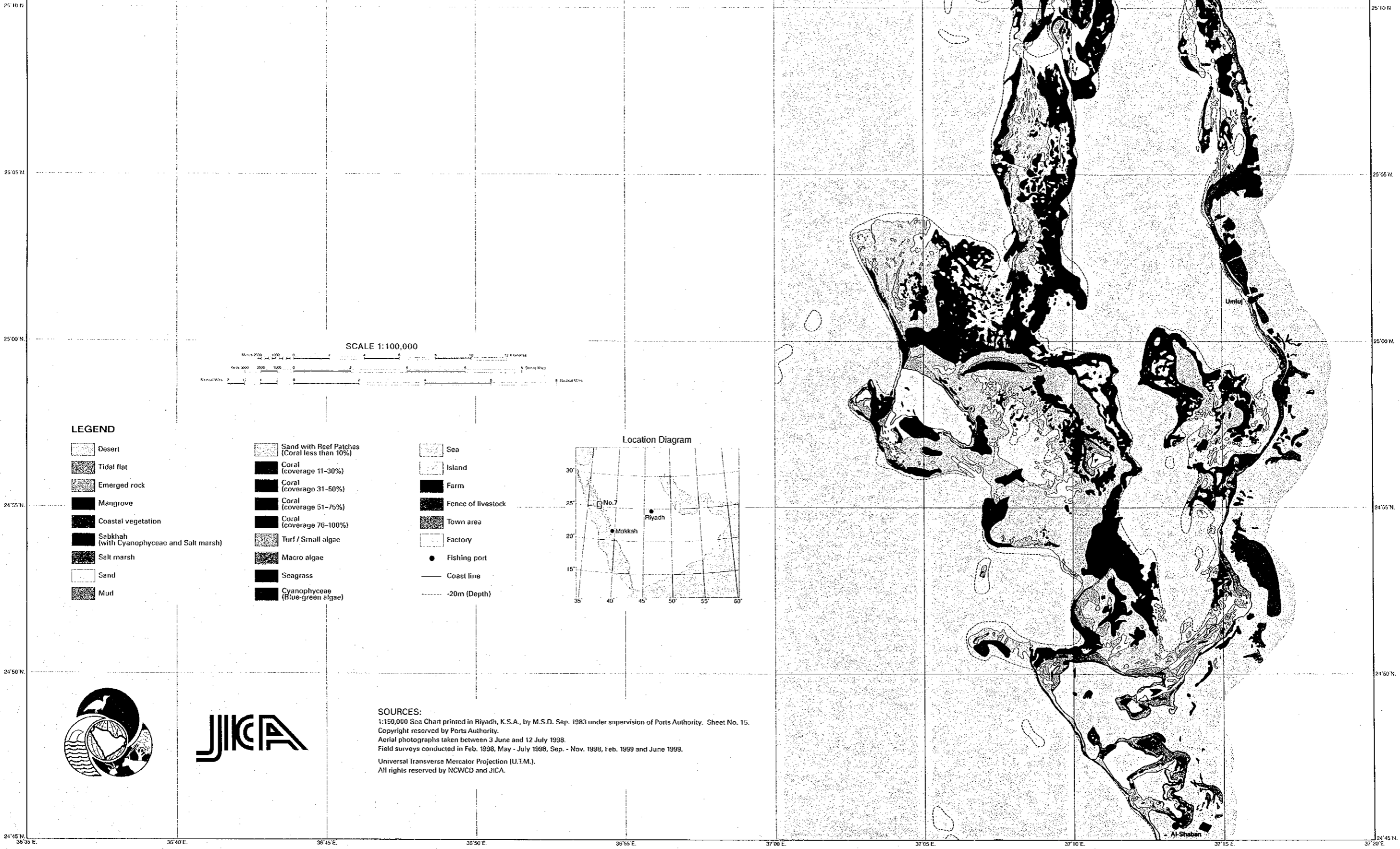
Al-Khawarah



25° 30' N
25° 25' N
25° 20' N
25° 15' N
25° 10' N
25° 05' N
25° 00' N

25° 30' N
25° 25' N
25° 20' N
25° 15' N
25° 10' N
25° 05' N
25° 00' N

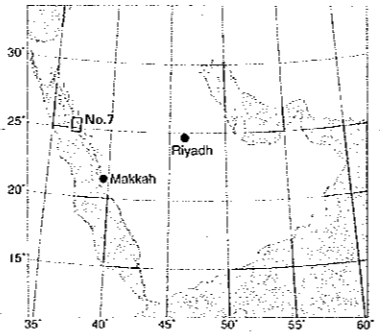




LEGEND

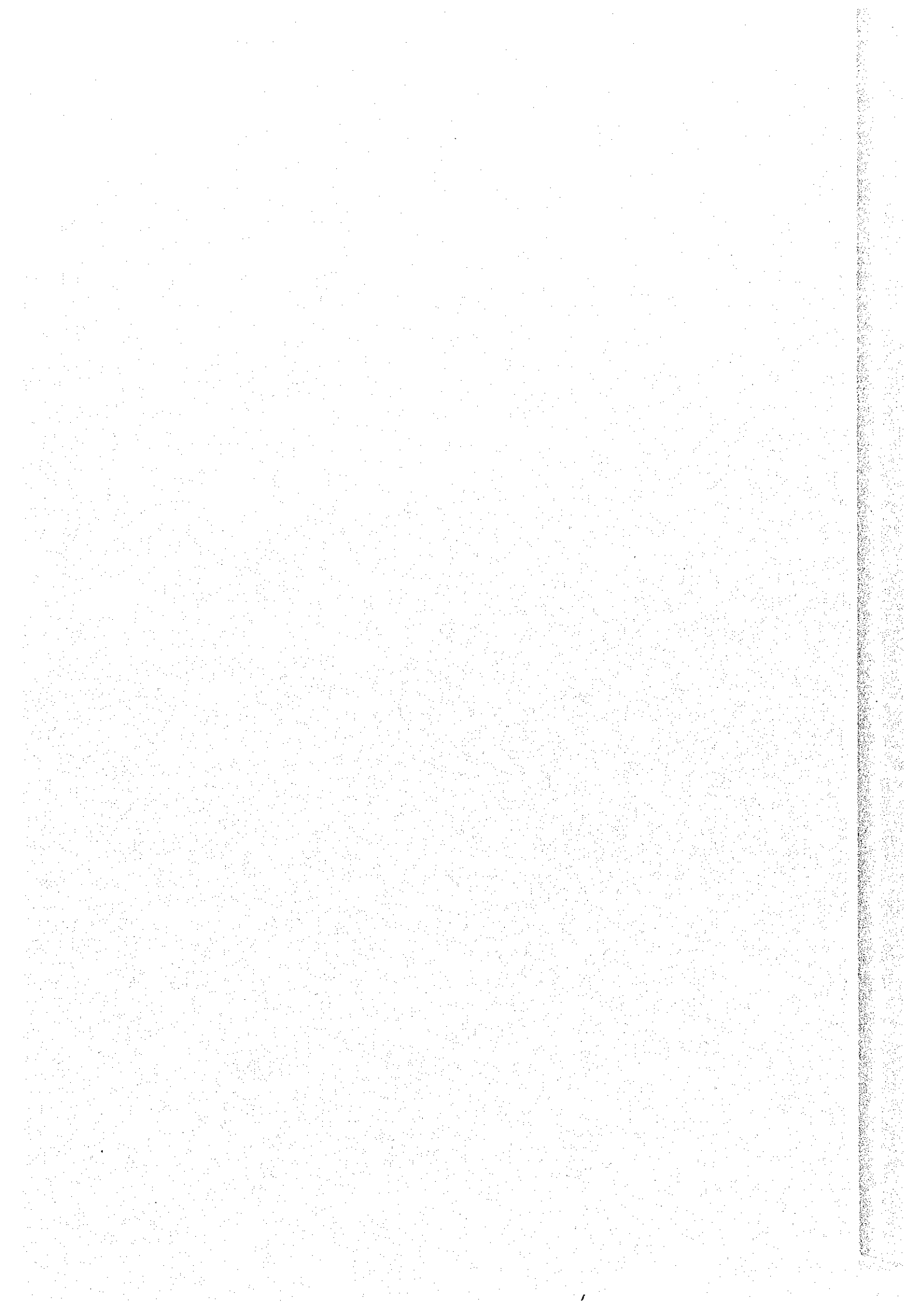
- | | | |
|---|--|--------------------|
| Desert | Sand with Reef Patches (Coral less than 10%) | Sea |
| Tidal flat | Coral (coverage 11-30%) | Island |
| Emerged rock | Coral (coverage 31-50%) | Farm |
| Mangrove | Coral (coverage 51-75%) | Fence of livestock |
| Coastal vegetation | Coral (coverage 70-100%) | Town area |
| Sabkha (with Cyanophyceae and Salt marsh) | Turf / Small algae | Factory |
| Salt marsh | Macro algae | Fishing port |
| Sand | Seagrass | Coast line |
| Mud | Cyanophyceae (Blue-green algae) | -20m (Depth) |

Location Diagram



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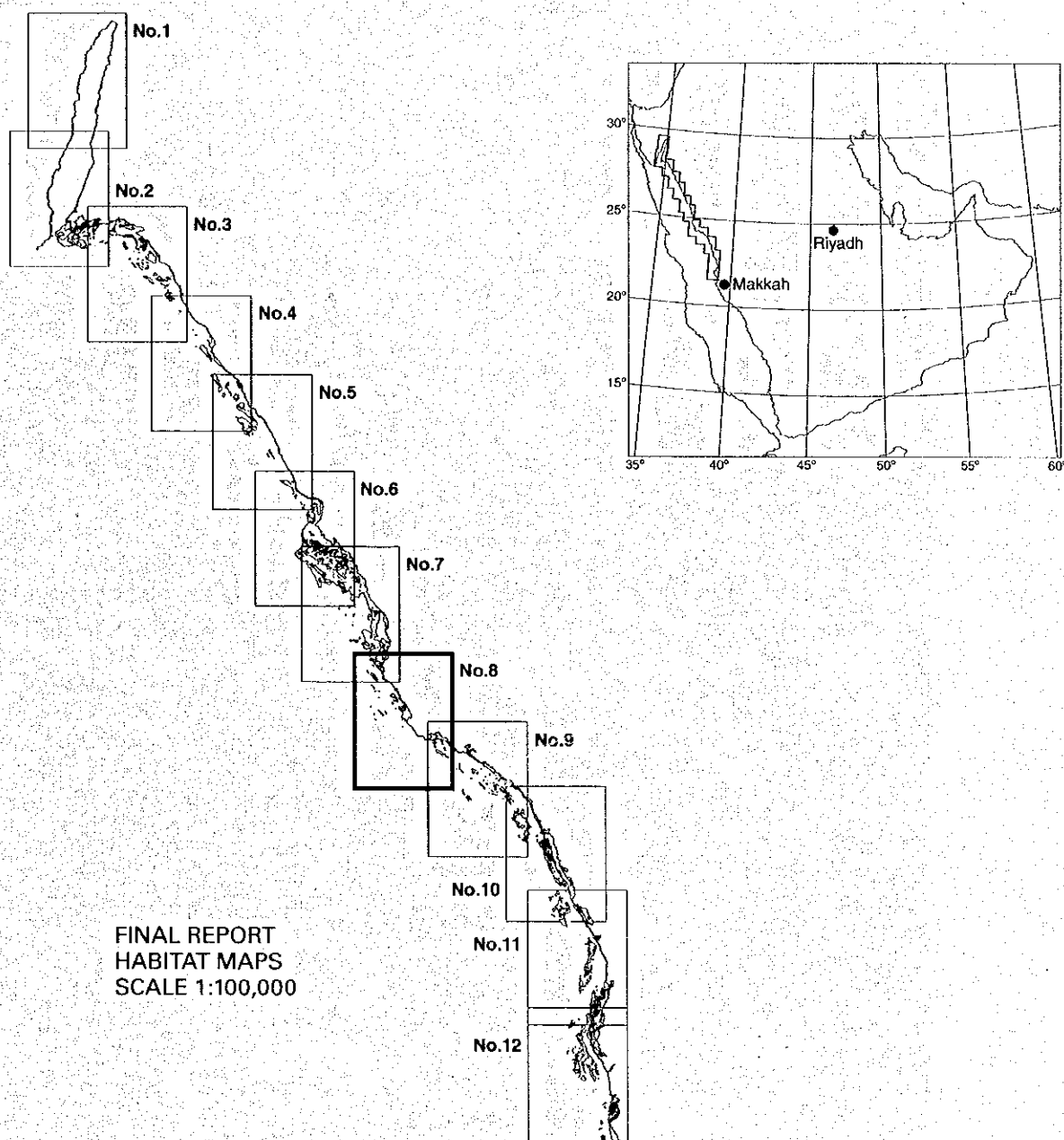
24°50' N 36°35' E 36°40' E 36°45' E 36°50' E 36°55' E 37°00' E 37°05' E 37°10' E 37°15' E 37°20' E 24°55' N 25°00' N 25°05' N 25°10' N



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**FINAL REPORT
HABITAT MAPS
SCALE 1:100,000**

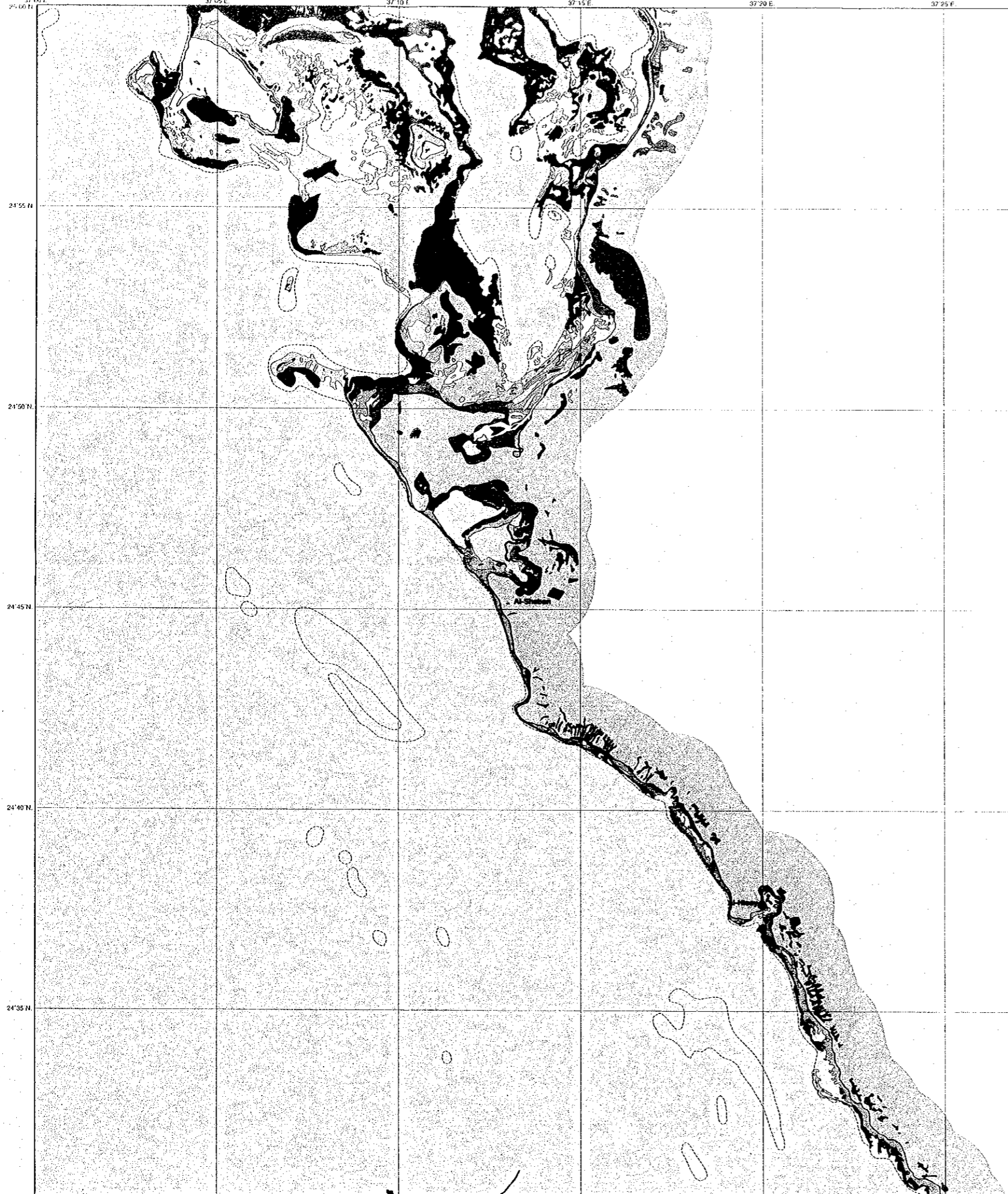
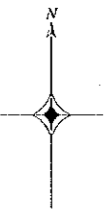
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37 55 E 37 05 E 37 10 E 37 15 E 37 20 E 37 25 E 37 30 E 37 35 E 37 40 E 37 45 E
25 00 N 24 55 N 24 50 N 24 45 N 24 40 N 24 35 N

HABITAT MAP

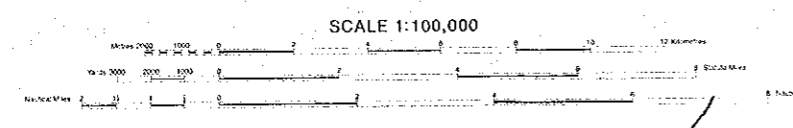
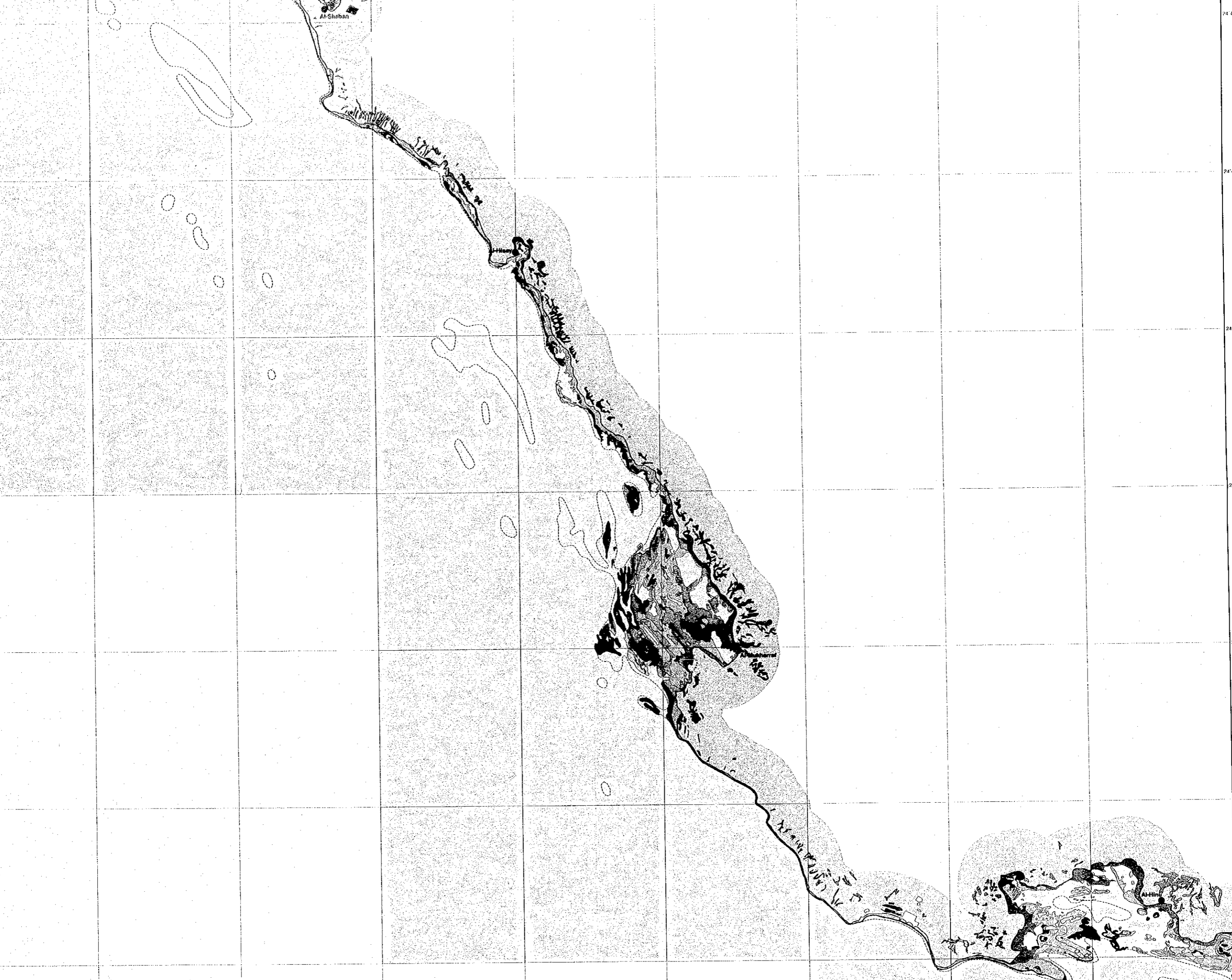
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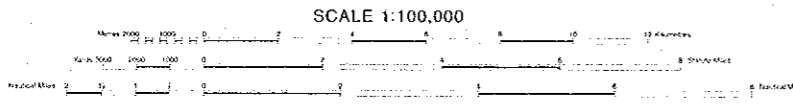
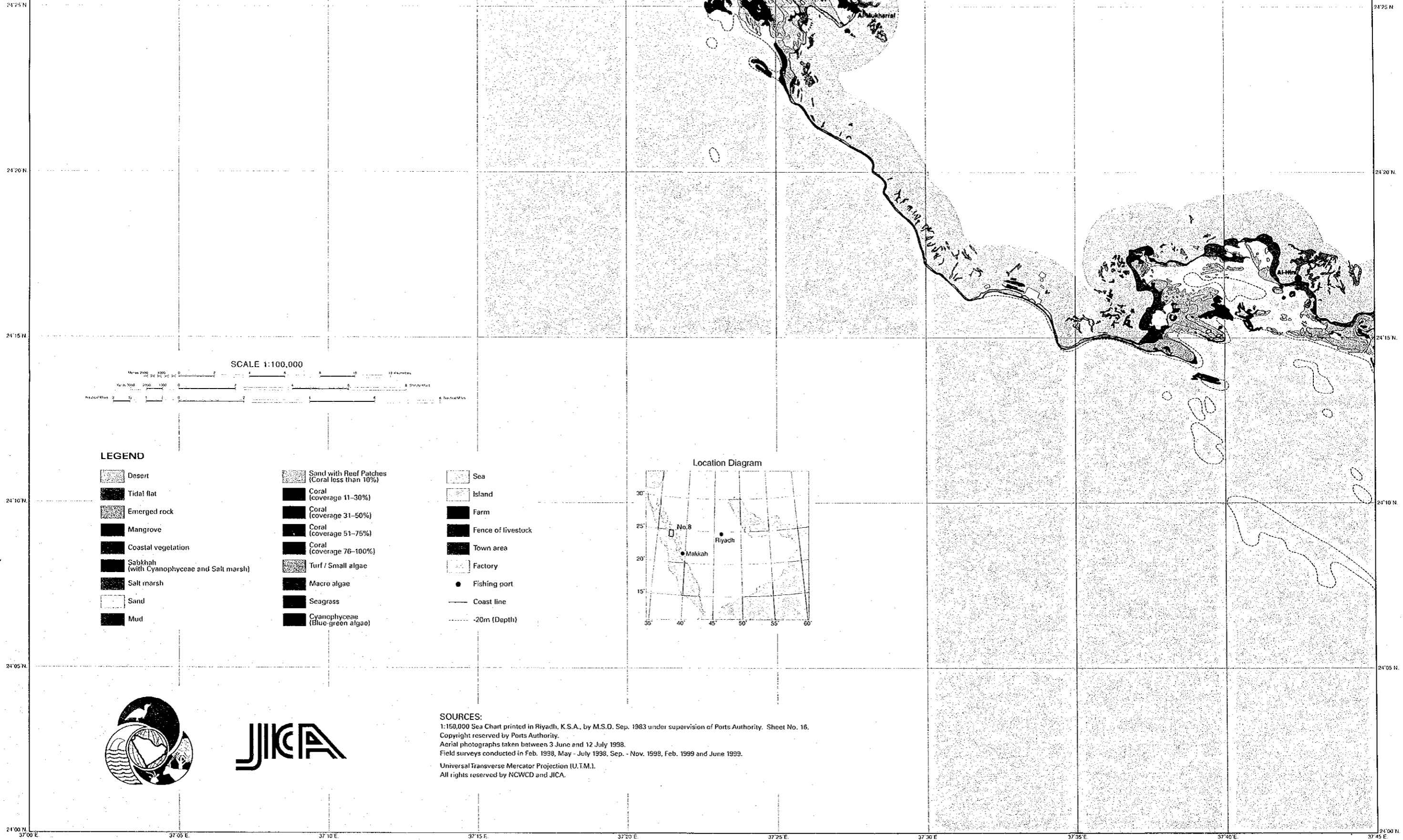
Sheet No. 8 JAZIRAT JABAL HASSAN TO SHARM YANBU'



24 45 N
24 40 N
24 35 N
24 30 N
24 25 N
24 20 N
24 15 N

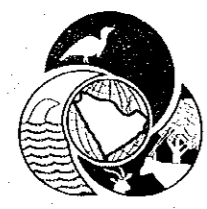
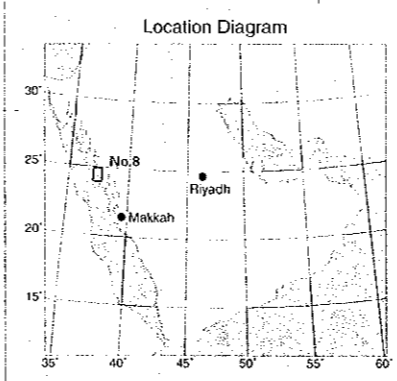
24 45 N
24 40 N
24 35 N
24 30 N
24 25 N
24 20 N
24 15 N





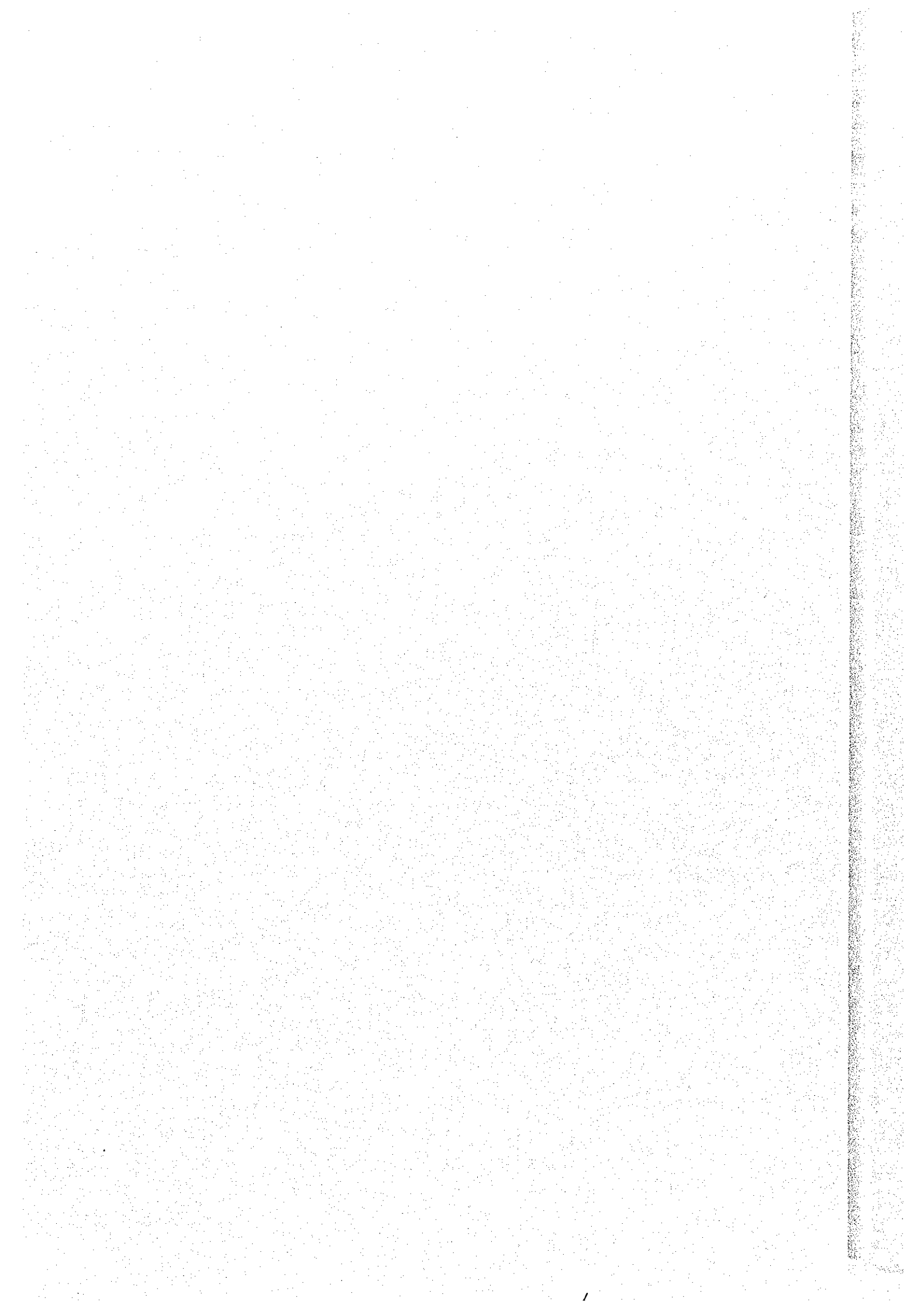
LEGEND

- | | | |
|---|--|--------------------|
| Desert | Sand with Reef Patches (Coral less than 10%) | Sea |
| Tidal flat | Coral (coverage 11-30%) | Island |
| Emerged rock | Coral (coverage 31-50%) | Farm |
| Mangrove | Coral (coverage 51-75%) | Fence of livestock |
| Coastal vegetation | Coral (coverage 76-100%) | Town area |
| Sabkhhah (with Cyanophyceae and Salt marsh) | Turf / Small algae | Factory |
| Salt marsh | Macro algae | Fishing port |
| Sand | Seagrass | Coast line |
| Mud | Cyanophyceae (Blue-green algae) | -20m (Depth) |



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 1:150,000 Sea Chart printed in Riyadh, K.S.A., by M.S.D. Sep. 1983 under supervision of Ports Authority. Sheet No. 16.
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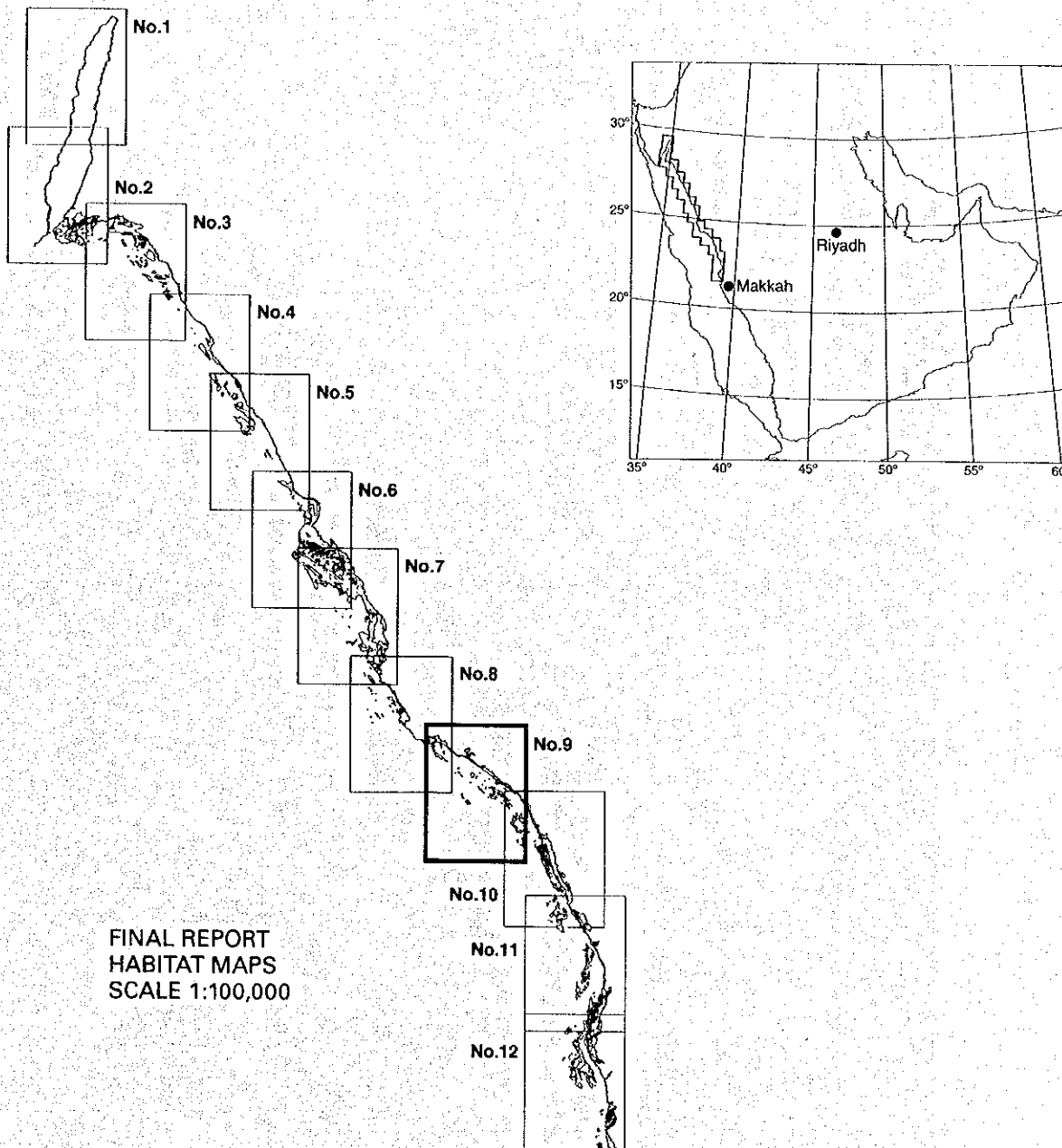
24'00 N 37'00 E 37'05 E 37'10 E 37'15 E 37'20 E 37'25 E 37'30 E 37'35 E 37'40 E 37'45 E



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**FINAL REPORT
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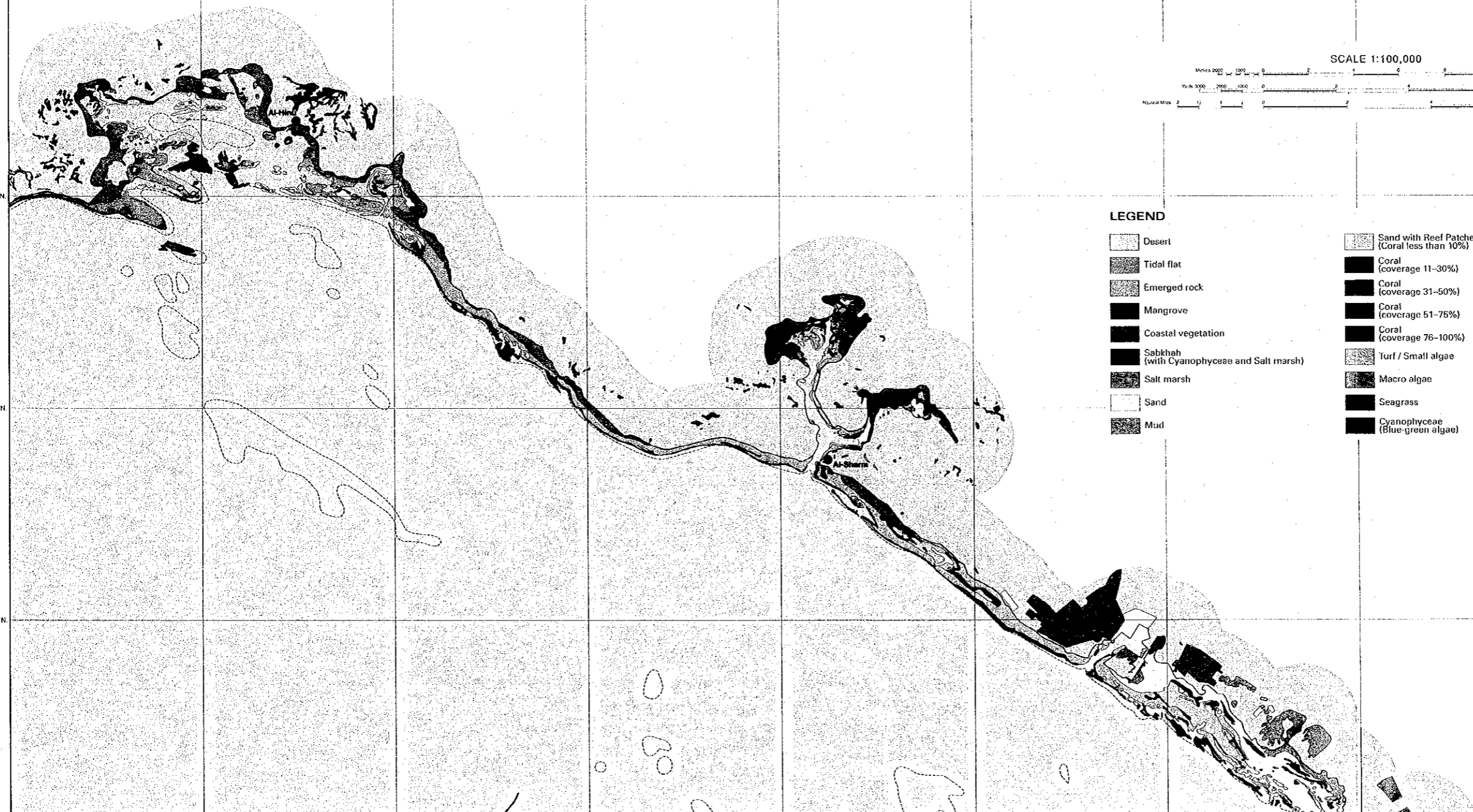
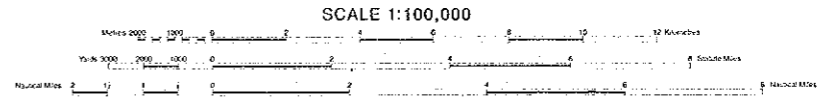
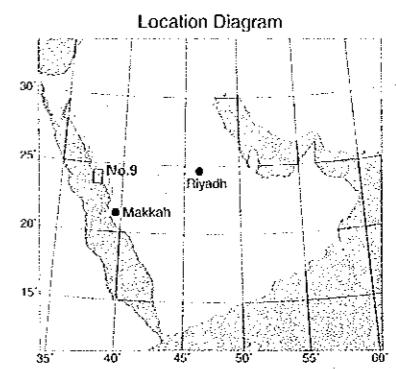
**JAPAN WILDLIFE RESEARCH CENTER
SHIN-NIPPON METEOROLOGICAL & OCEANOGRAPHICAL CONSULTANT CO., LTD.**

37 35 E 37 40 E 37 45 E 37 50 E 37 55 E 38 00 E 38 05 E 38 10 E 38 15 E 38 20 E

24 50 N 24 25 N 24 20 N 24 15 N 24 10 N 24 05 N

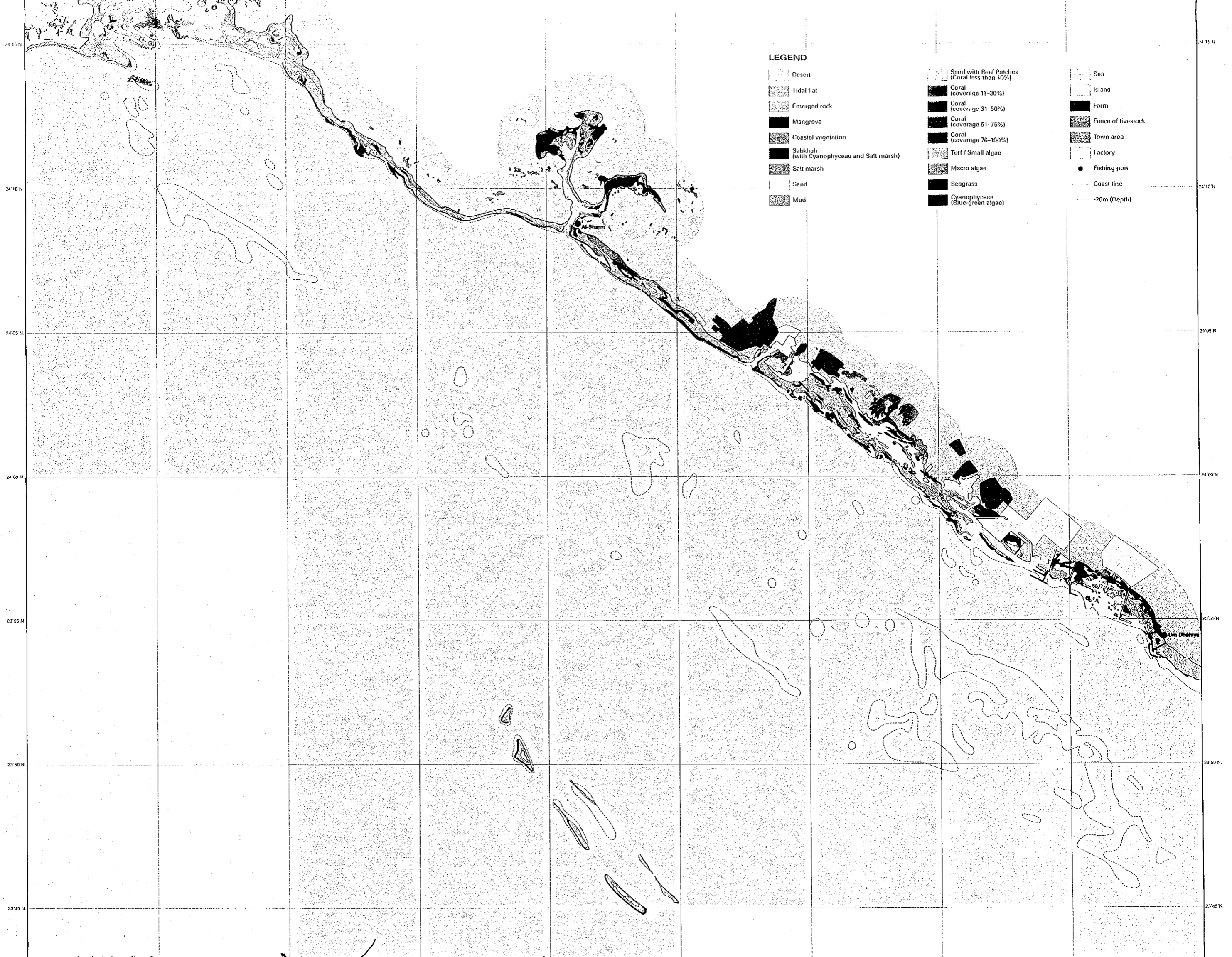
HABITAT MAP

1:100,000
Sheet No. 9 SHARM AL-KHAWR TO AR RAYIS



LEGEND

- | | | |
|---|--|--------------------|
| Desert | Sand with Reef Patches (Coral less than 10%) | Sea |
| Tidal flat | Coral (coverage 11-30%) | Island |
| Emerged rock | Coral (coverage 31-50%) | Farm |
| Mangrove | Coral (coverage 51-75%) | Fence of livestock |
| Coastal vegetation | Coral (coverage 76-100%) | Town area |
| Sabkha (with Cyanophyceae and Salt marsh) | Turf / Small algae | Factory |
| Salt marsh | Macro algae | Fishing port |
| Sand | Seagrass | Coast line |
| Mud | Cyanophyceae (Blue-green algae) | -20m (Depth) |



LEGEND

- | | | |
|--|---|---|
| <ul style="list-style-type: none"> Desert Tidal flat Emerged rock Mangrove Coastal vegetation Sabkhhah (with Cyanophyceae and Salt marsh) Salt marsh Sand Mud | <ul style="list-style-type: none"> Sand with Reef Patches (Coral less than 10%) Coral (coverage 11-30%) Coral (coverage 31-50%) Coral (coverage 51-75%) Coral (coverage 76-100%) Turf / Small algae Macro algae Seagrass Cyanophyceae (Blue-green algae) | <ul style="list-style-type: none"> Sea Island Farm Fence of livestock Town area Factory Fishing port Coast line -20m (Depth) |
|--|---|---|



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1:150,000 Sea Chart printed in Riyadh, K.S.A., by M.S.D. Sep. 1983 under supervision of Ports Authority. Sheet No. 16, 17.
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23°55' N 23°50' N 23°45' N 23°40' N 23°35' N 23°30' N
37°35' E 37°40' E 37°45' E 37°50' E 37°55' E 38°00' E 38°05' E 38°10' E 38°15' E 38°20' E

