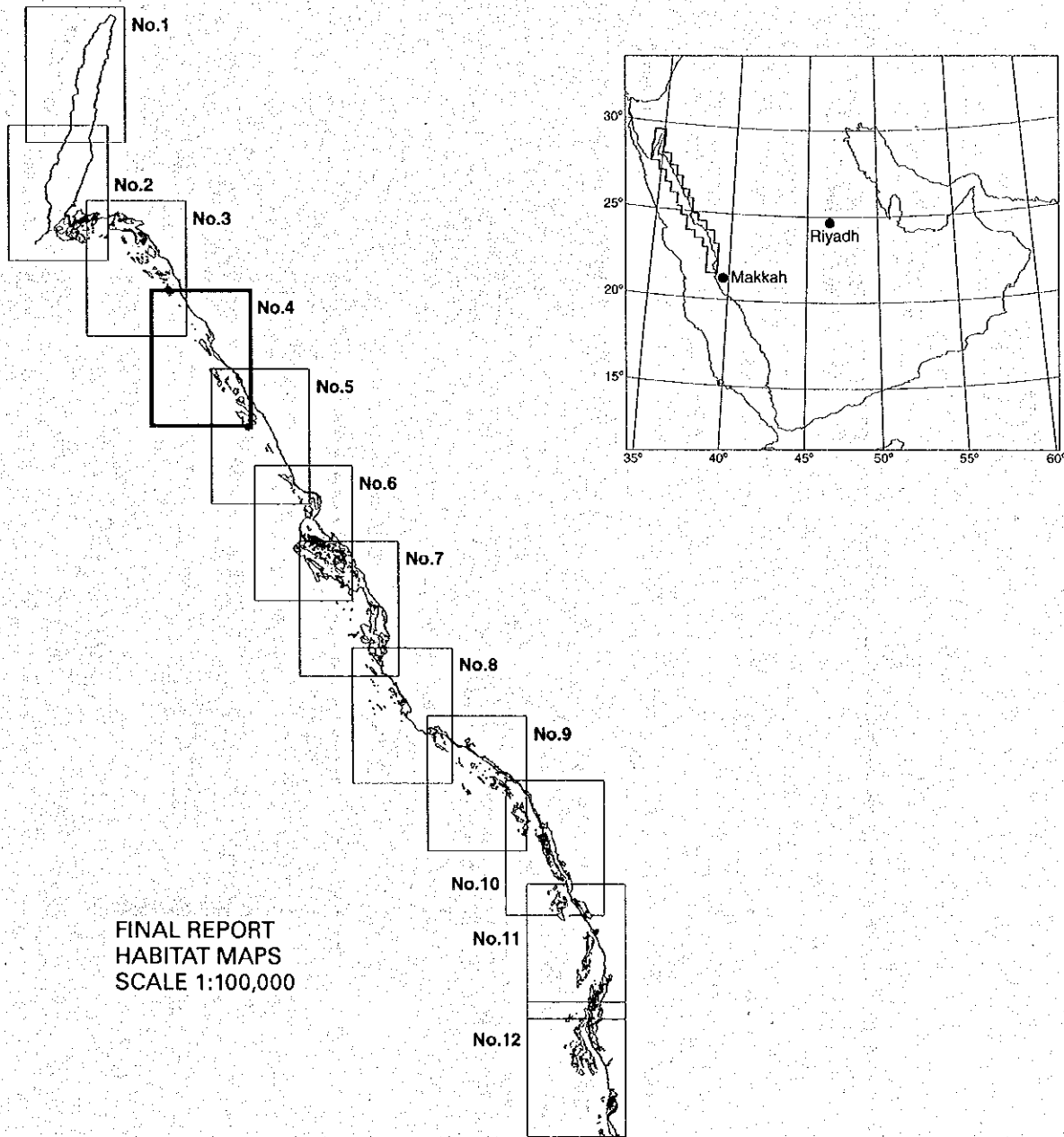


JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

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

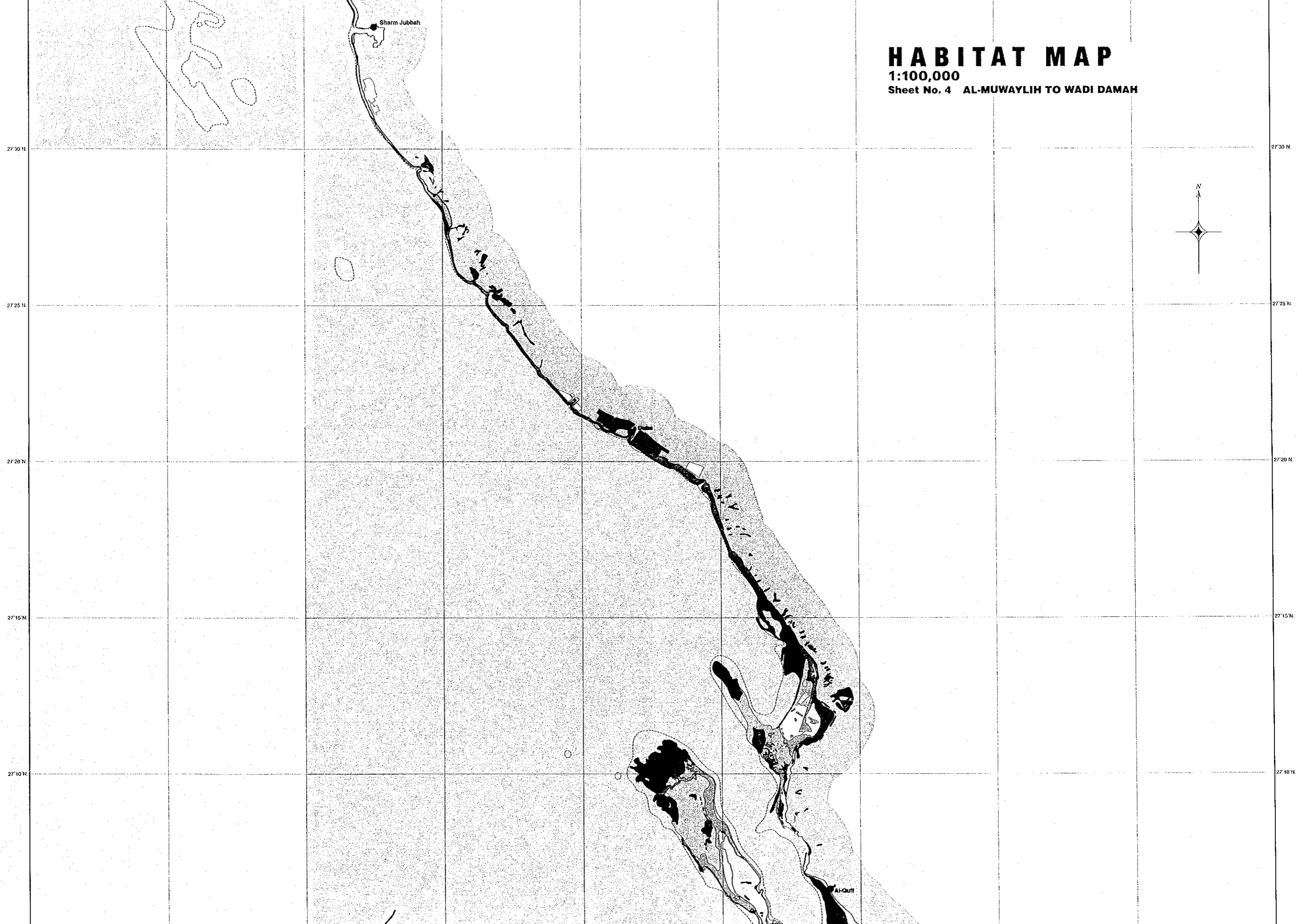
**THE STUDY ON
COASTAL / MARINE HABITAT AND BIOLOGICAL INVENTORIES
IN THE NORTHERN PART OF THE RED SEA COAST
IN THE KINGDOM OF SAUDI ARABIA**



FINAL REPORT
HABITAT MAPS
SCALE 1:100,000

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

35 20 E 35 25 E 35 30 E 35 35 E 35 40 E 35 45 E 35 50 E 35 55 E 36 00 E 36 05 E



HABITAT MAP
1:100,000
Sheet No. 4 AL-MUWAYLIH TO WADI DAMAH

27 30 N 27 30 N

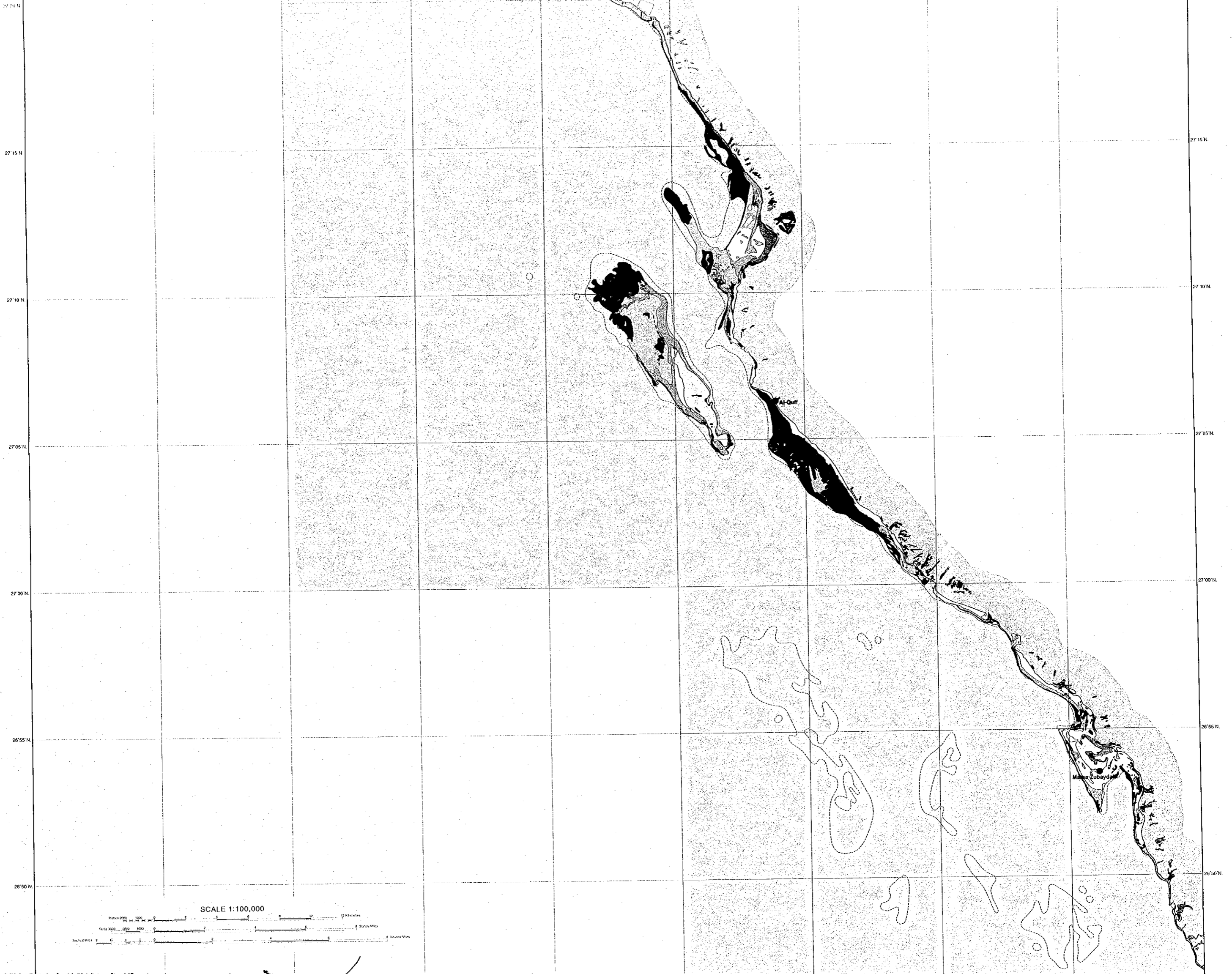
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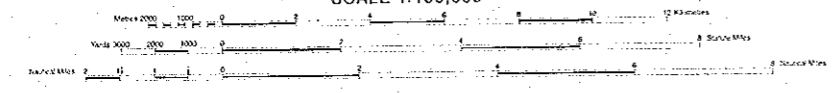
27 15 N 27 15 N

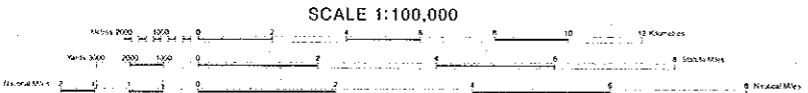
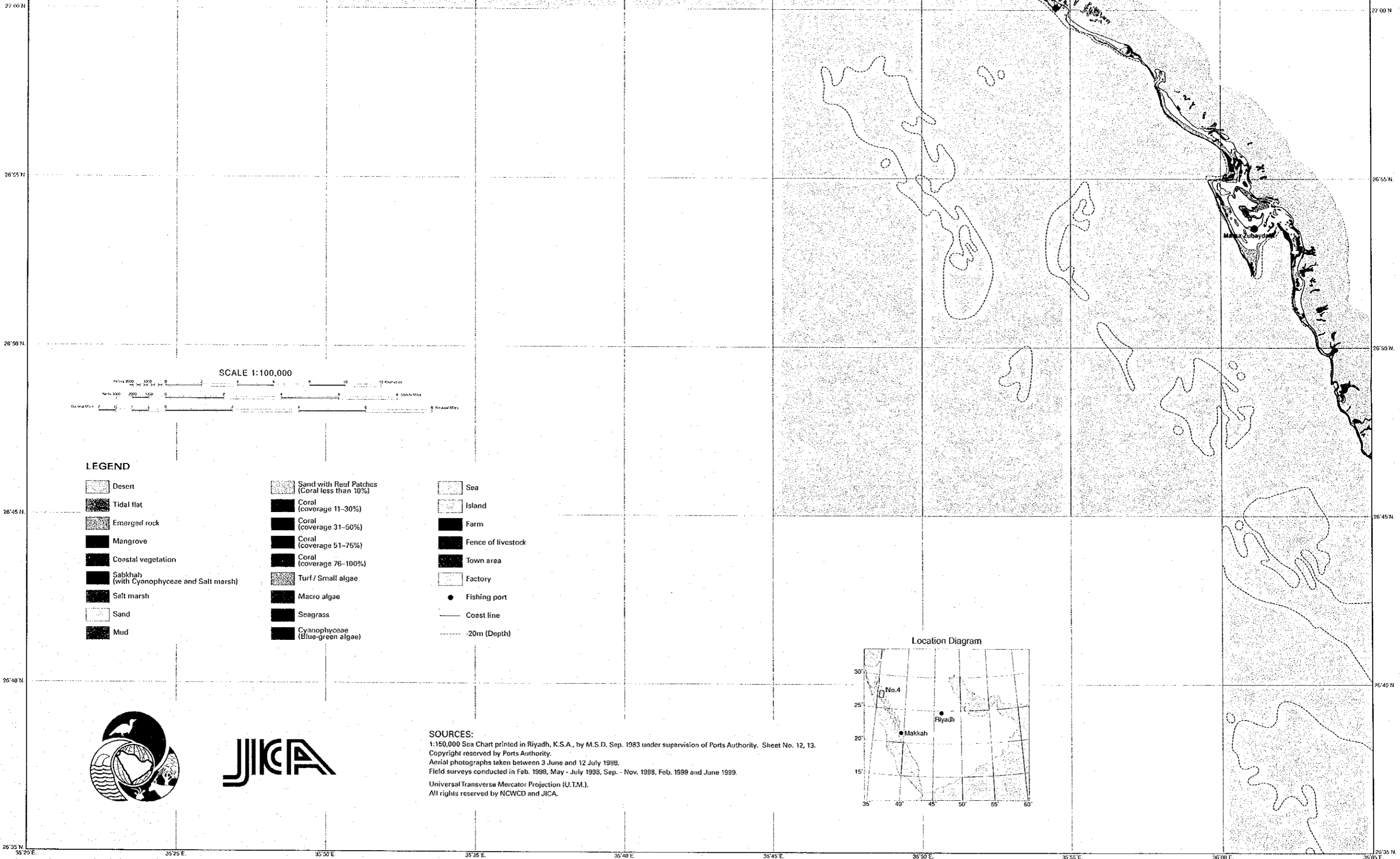
27 10 N 27 10 N

27 05 N 27 05 N



SCALE 1:100,000



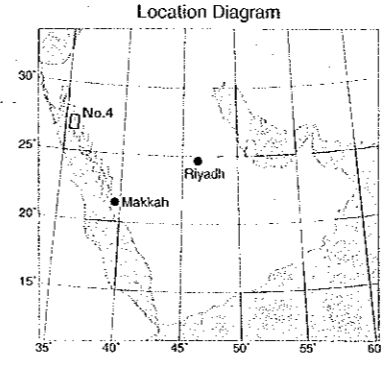


LEGEND

- | | | |
|--|--|--------------------|
| 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 |
| Sabkhab (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) |



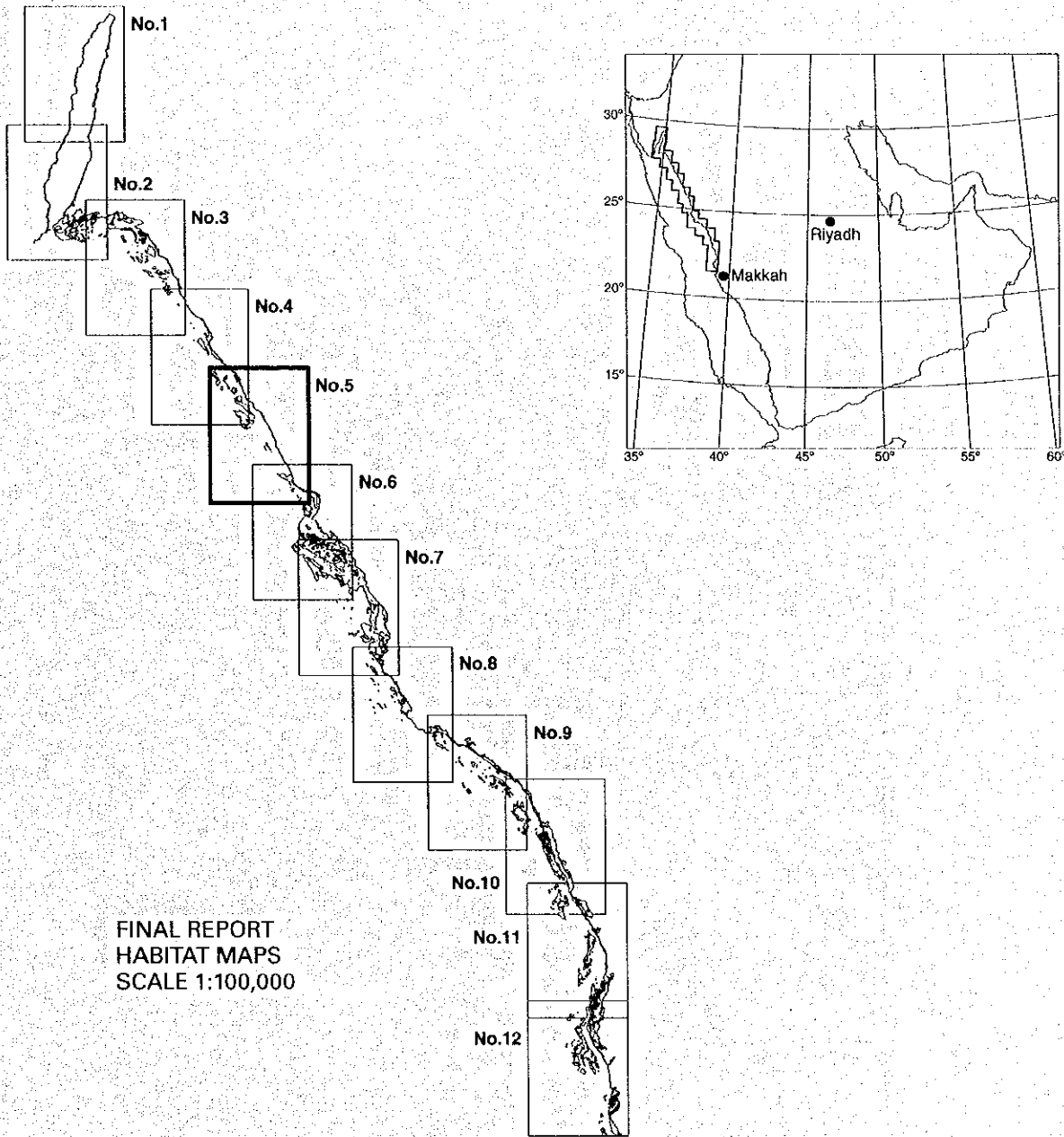
SOURCES:
 1:150,000 Sea Chart printed in Riyadh, K.S.A., by M.S.D. Sep. 1983 under supervision of Ports Authority. Sheet No. 12, 13.
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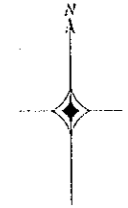
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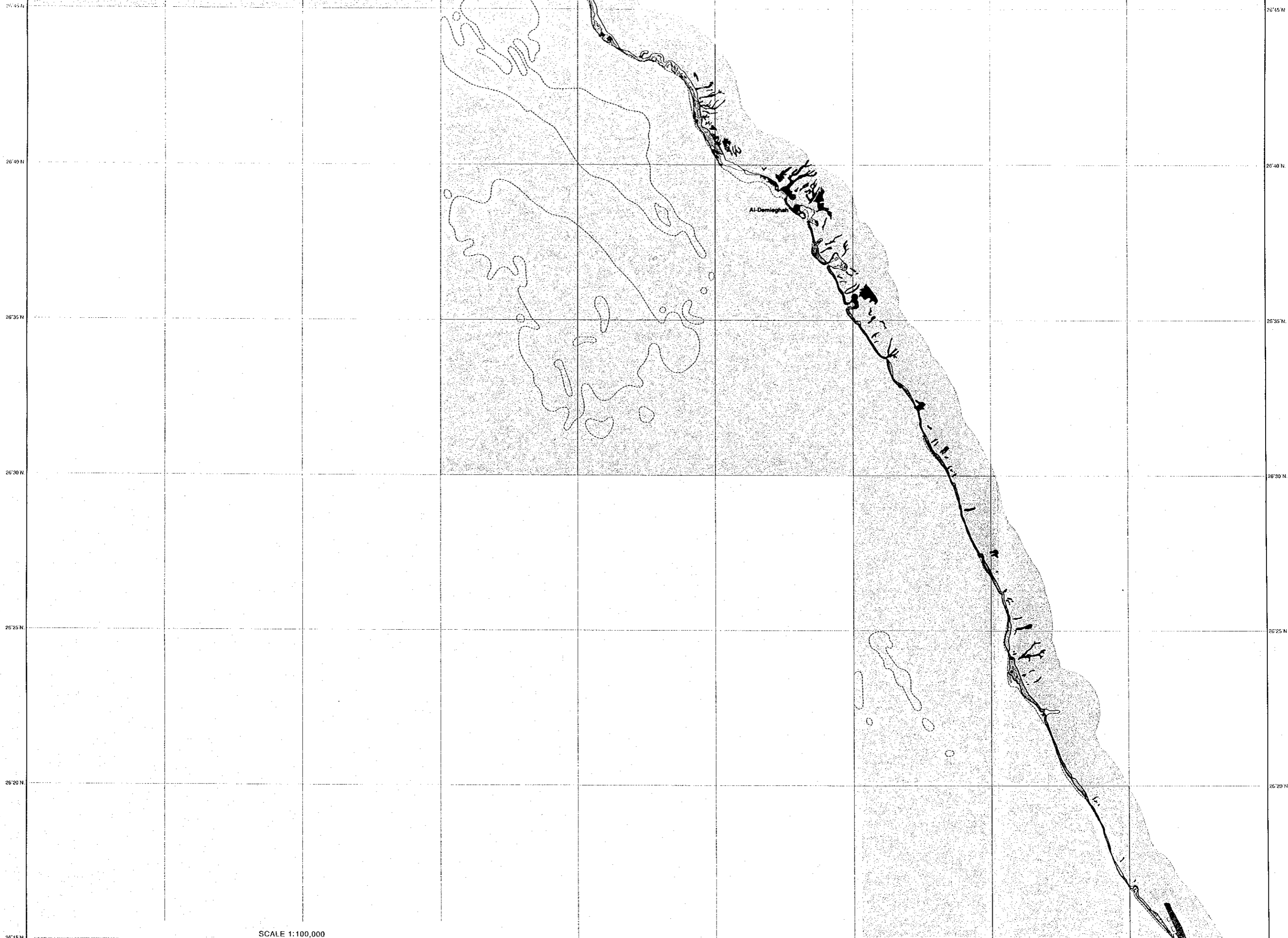


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26 55 N 26 50 N 26 45 N 26 40 N 26 35 N

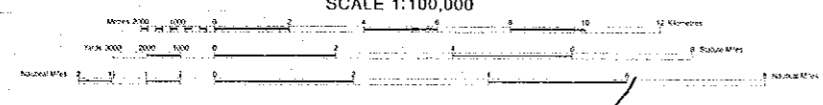
HABITAT MAP
1:100,000
Sheet No. 5 WADI DAMAH TO SHARM HABBAN

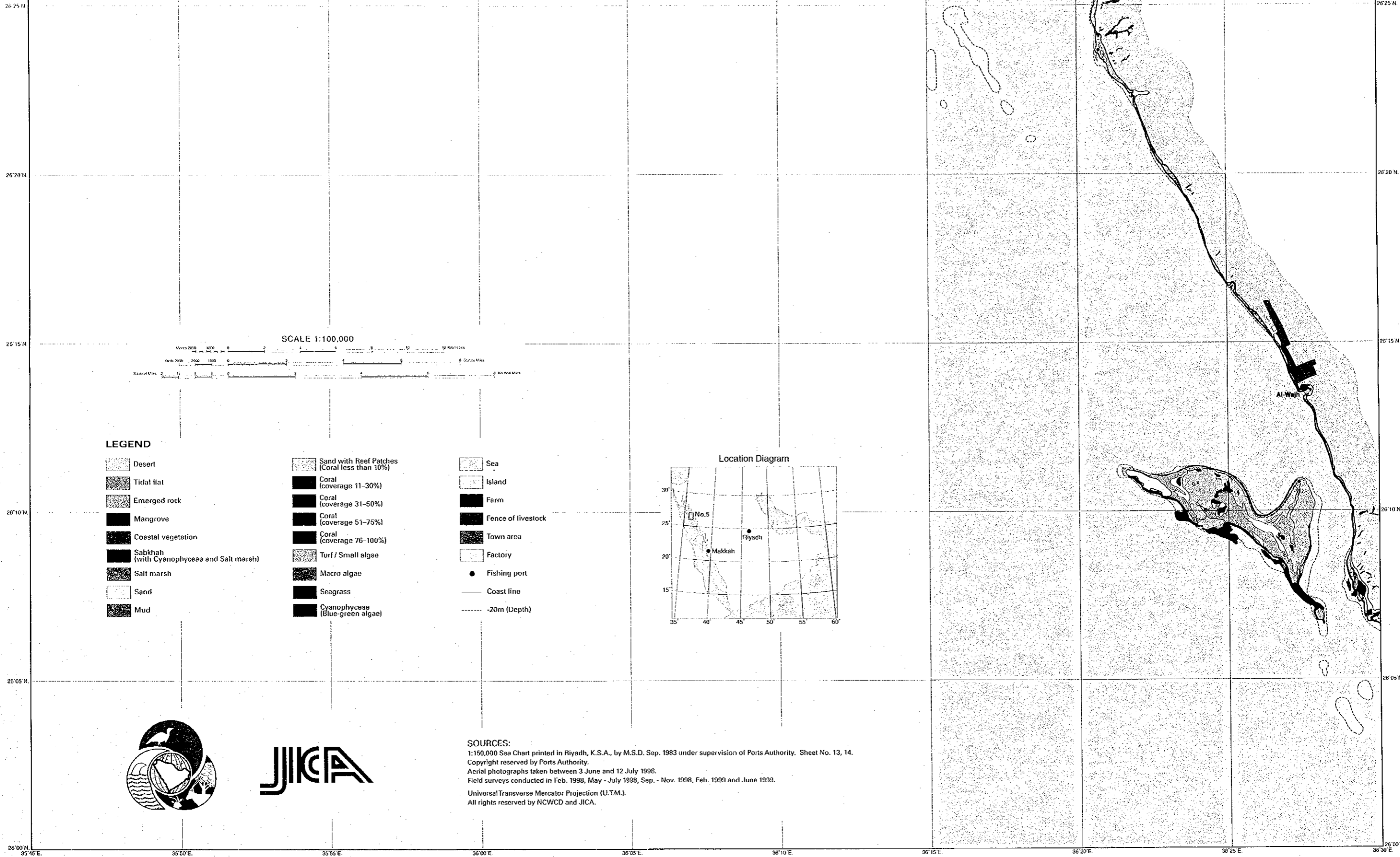




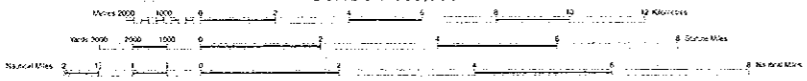
Al-Damighat

SCALE 1:100,000





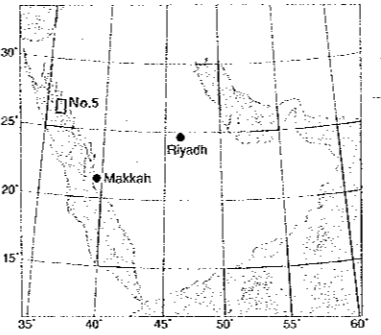
SCALE 1:100,000



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 |
| Sabkhal
(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

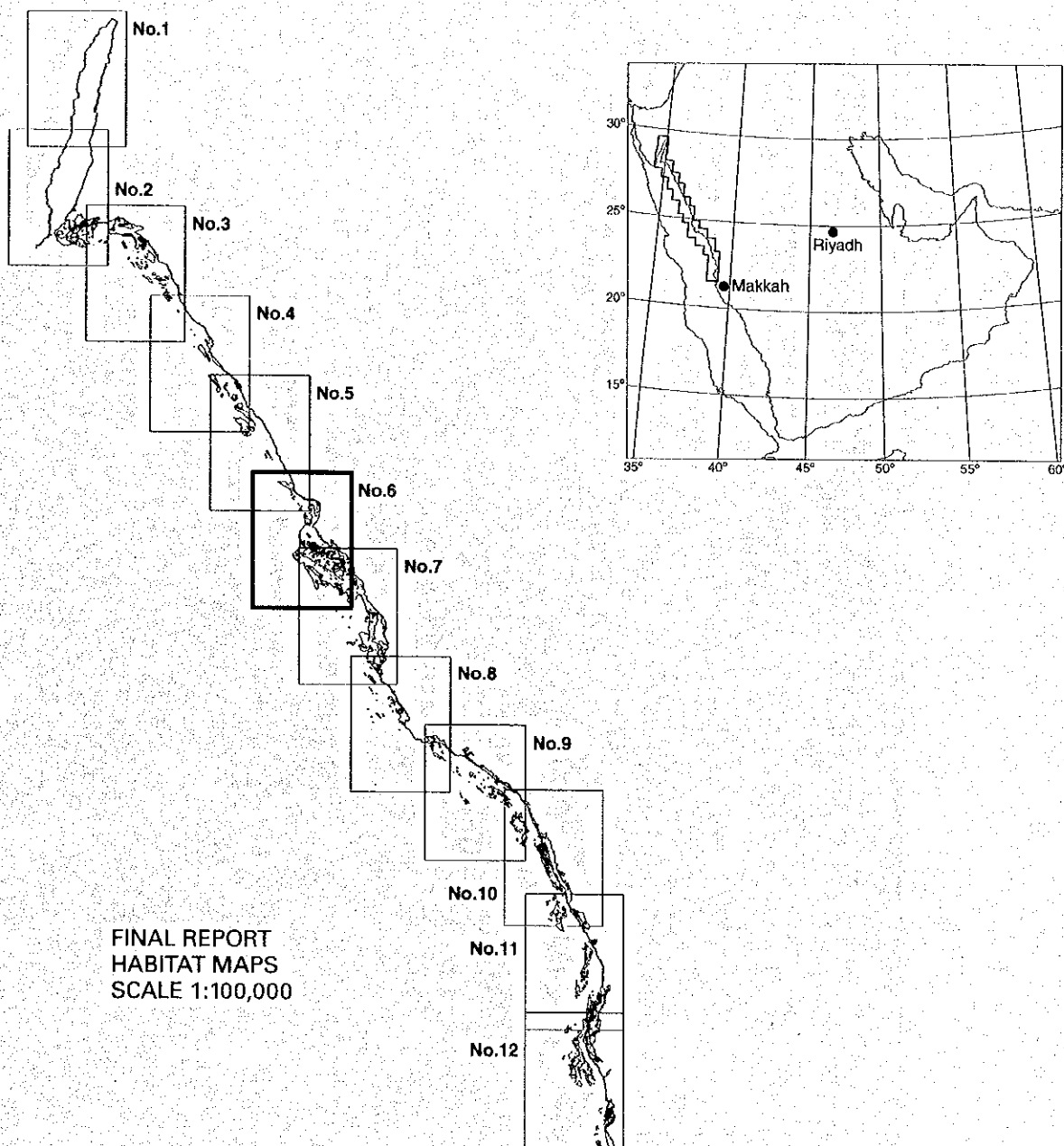


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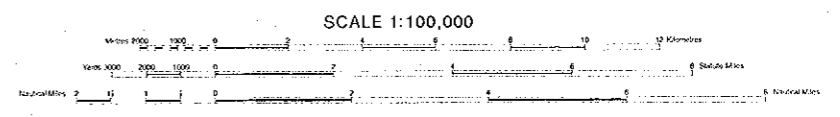
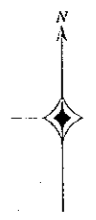


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36° 15' E 36° 20' E 36° 25' E 36° 30' E 36° 35' E 36° 40' E 36° 45' E 36° 50' E 36° 55' E 37° 00' E
 26° 15' N 26° 10' N 26° 05' N 26° 00' N 25° 55' N 25° 50' N

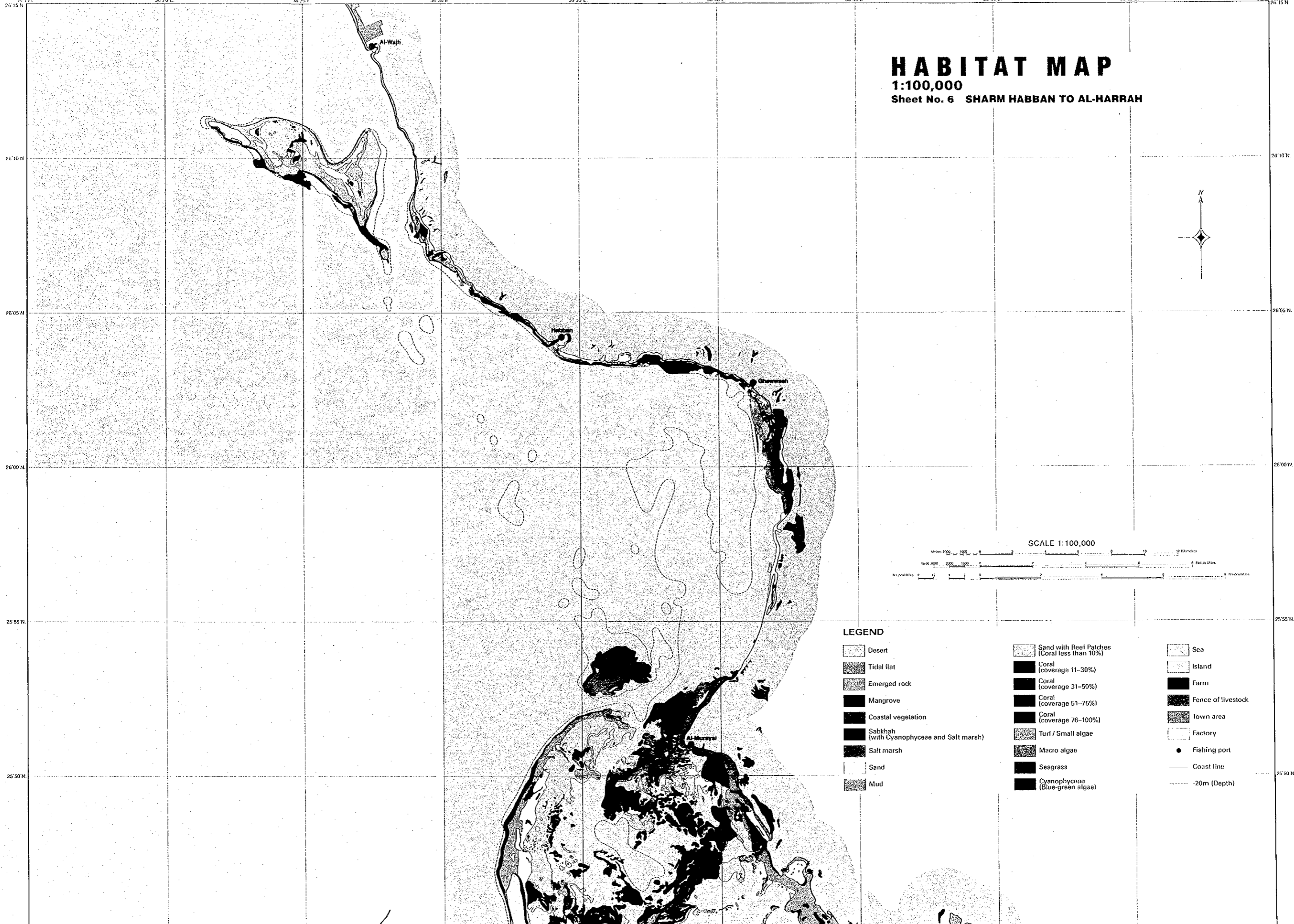
HABITAT MAP

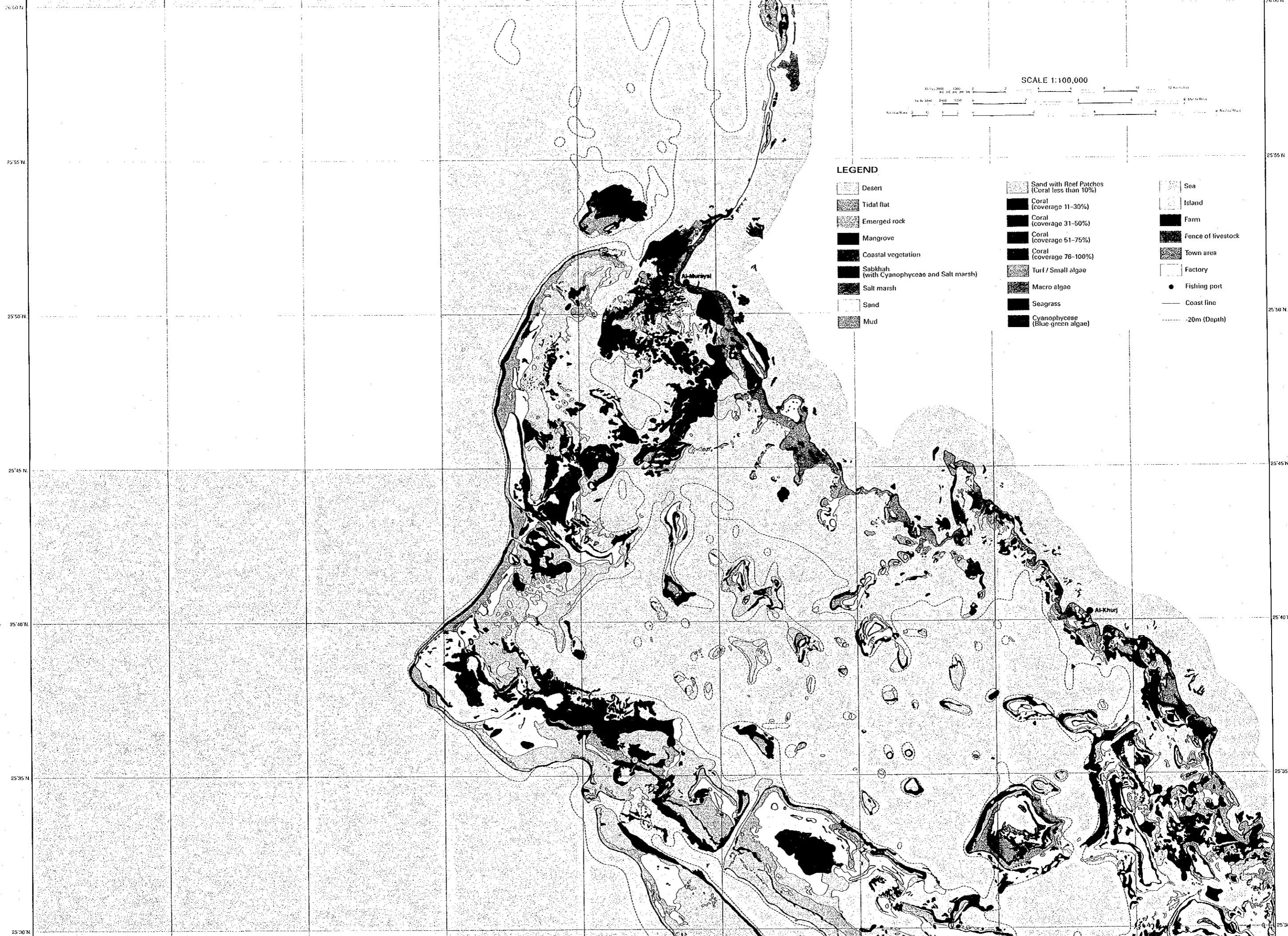
1:100,000
 Sheet No. 6 SHARM HABBAN TO AL-HARRAH



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 |
| Sabkhal (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) |



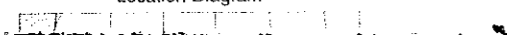


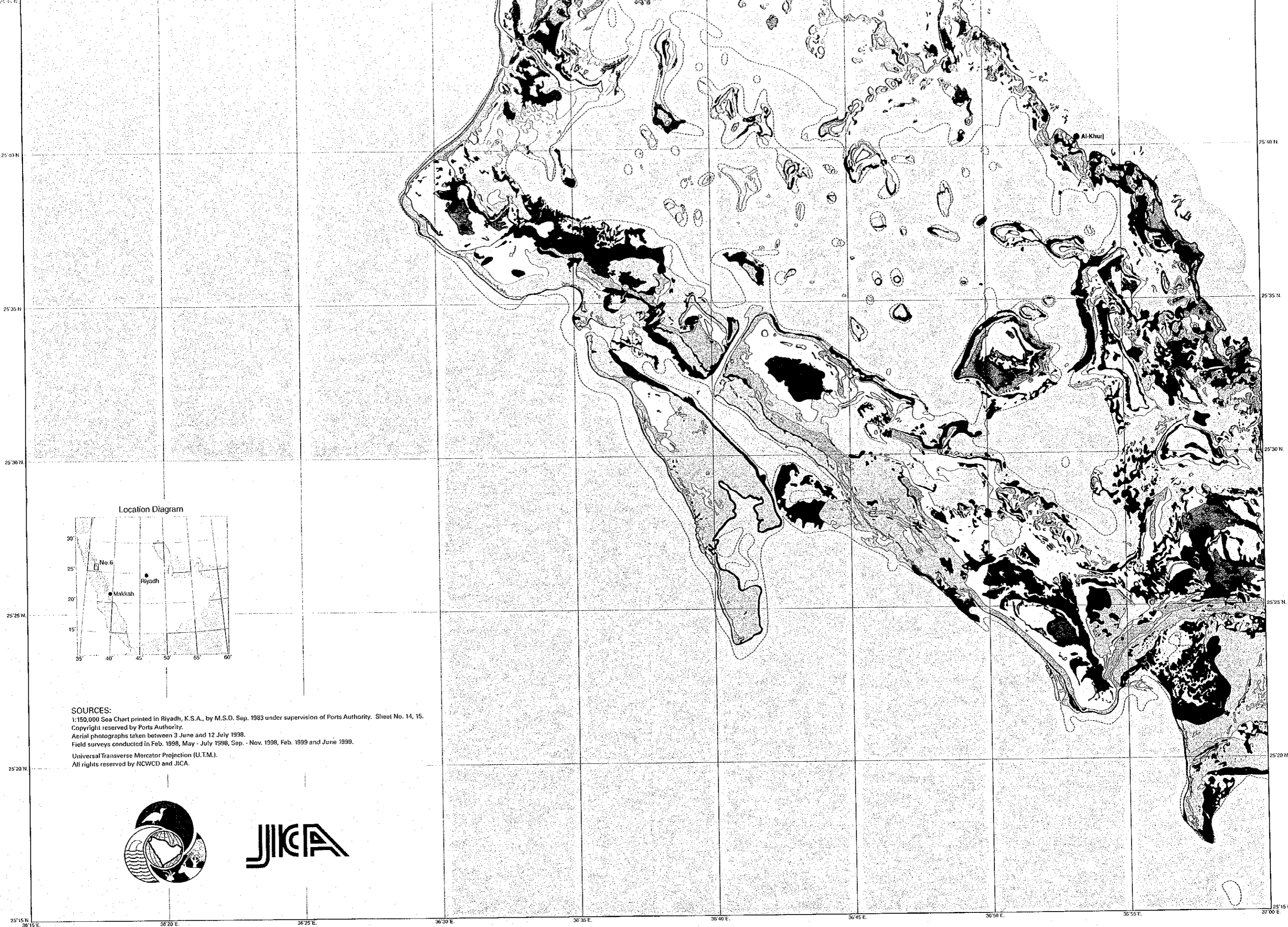
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LEGEND

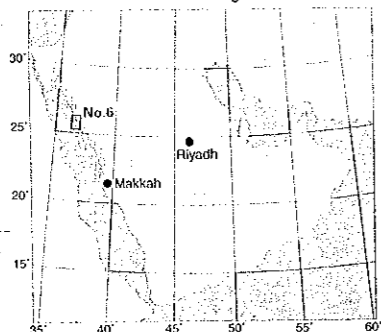
- | | | |
|--|--|--------------------|
| Desert | Sand with Reef Patches (Coral less than 10%) | Sea |
| Tidal flat | Coral (coverage 11-30%) | Island |
| Emerged rock | Coral (coverage 31-50%) | Farm |
| Mangrove | Coral (coverage 51-75%) | Fence of livestock |
| Coastal vegetation | Coral (coverage 76-100%) | Town area |
| Sabkhat (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





Location Diagram



SOURCES:

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