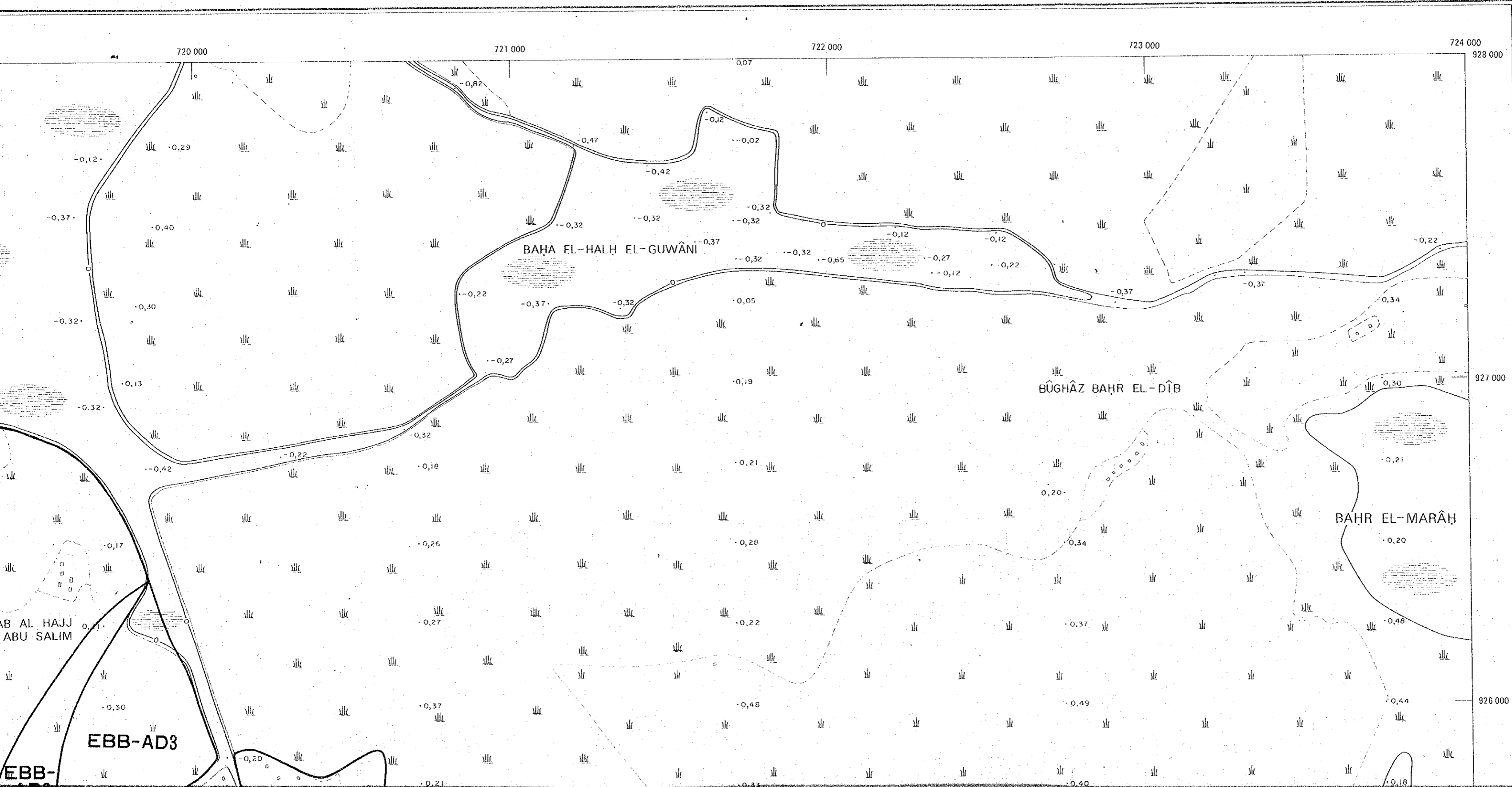


# RUSSINIA & SOUTH PORT SAID



16-1	16-2	16-3	16-4
16-5	16-6	16-7	16-8
16-9	16-10	16-11	16-12
16-13	16-14	16-15	16-16

## LEGEND

- Hospital
- Mosque
- School
- Cemetery
- Highway
- Paved road

AD3  
LUGGET DIBGU

USHASH ARAB AL HAJJ  
MUHAMAD ABU SALIM

DÂKHLET EL-GHÛLA

JAC-aw4

EBB-AD3

EBB-AR2

EBB-AD3

BUGHÂZ EL-SHARTIYAT

USHASH EL SHILBAH

USHASH ARAB AWLAD AWAYMAH

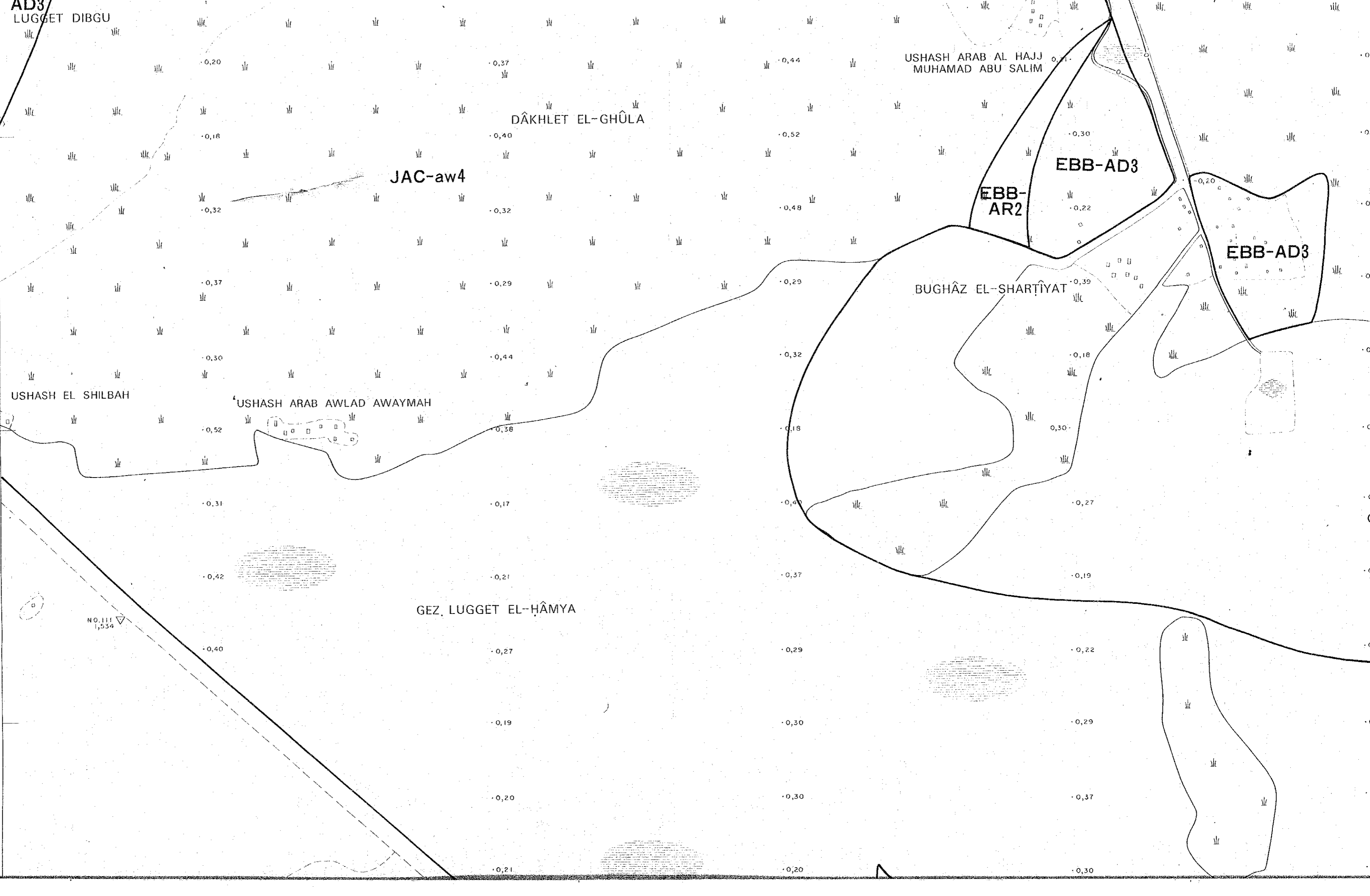
GEZ. LUGGET EL-HÂMYA

NO. 111  
1,534

926 000

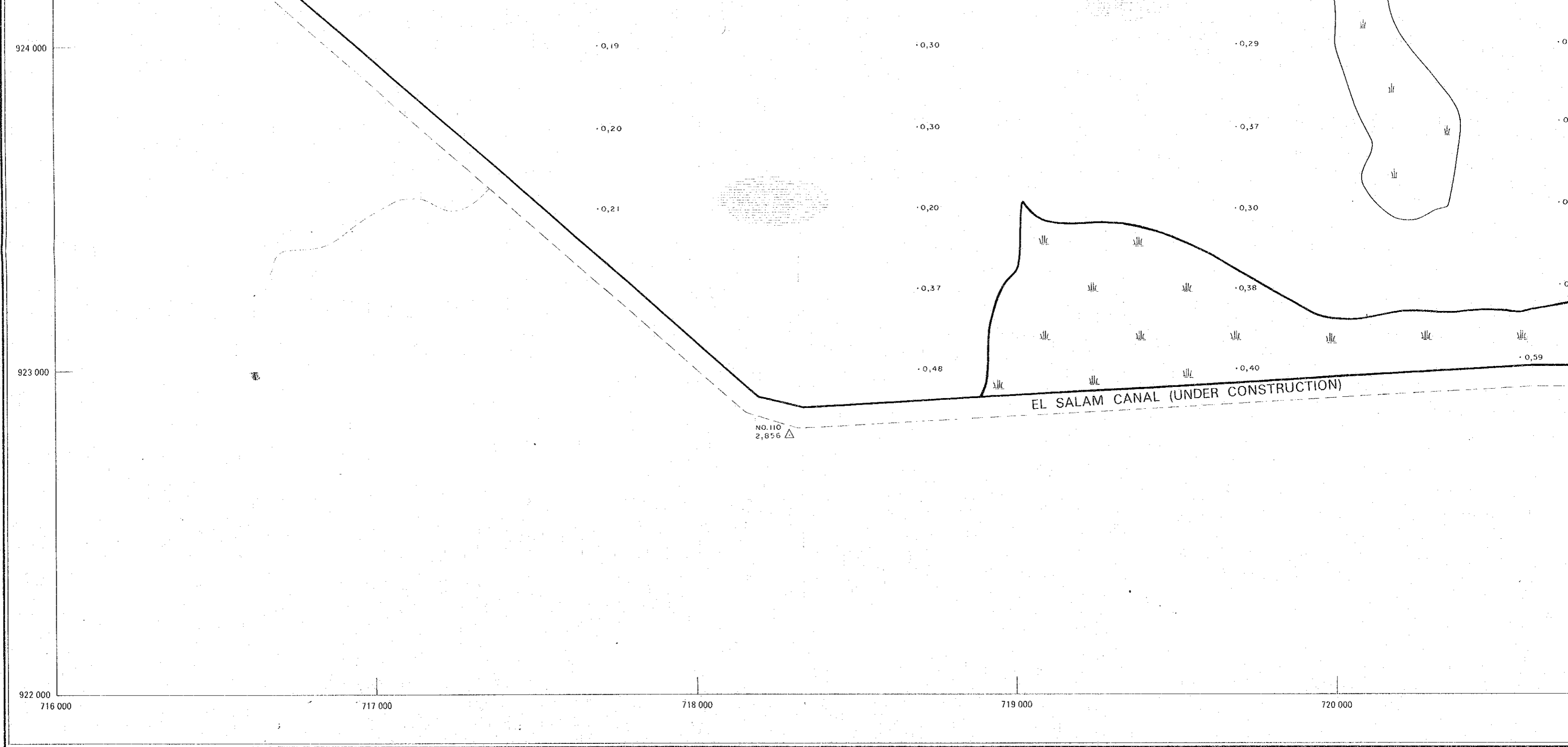
925 000

924 000



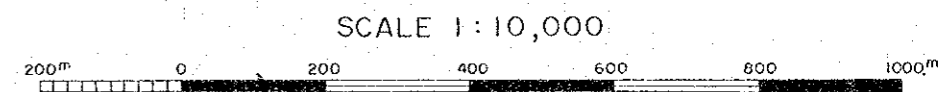


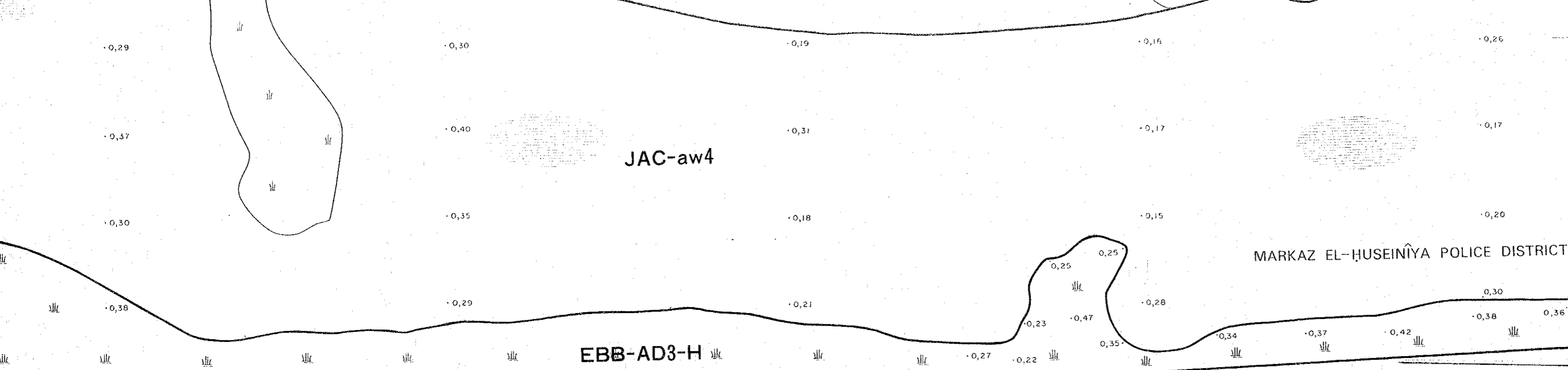
Hospital	☾
Mosque	⊕
School	▶
Cemetery	⋈
Highway	====
Paved road	=====
Unpaved road	=====
Small road	-----
Track	-----
Bridge	=====
Bank	=====
Levee	-----
Cultivation boundary	-----
Marsh or swamp	⋈
Waste area	⋈
Lake	-----
Private canal	-----
Power line	-----
Monument of traverse point and bench mark	△ NO.101 1,590
Monument of traverse point	△ NO.119
Temporary traverse point	▽ NO.119
Bench Mark	□ BM.4 1,637
Spot height	· 0,4
Levelling height	· 0,41
Contour	-----



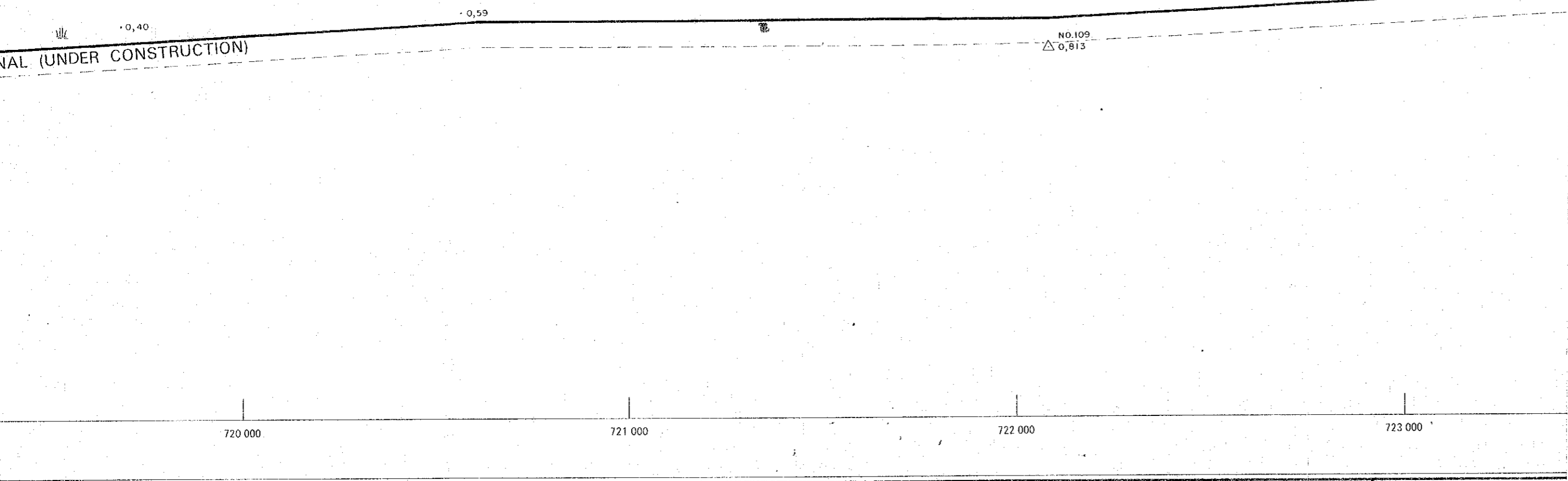
Projection : Transverse Mercator  
 Spheroid : Helmert 1906  
 Origin : 30° N (810.000mN) 31° E (615.000mE)  
 Grid Tables : Egypt Red Belt

Compiled by the field survey party of JICA (Japan International Cooperation Agency) in July 1983, with counterpart cooperation of GARPAD (General Authority for Rehabilitation Projects & Agricultural Development) and Survey Authority of Egypt





924 000  
 Levelling height 0,41  
 Contour

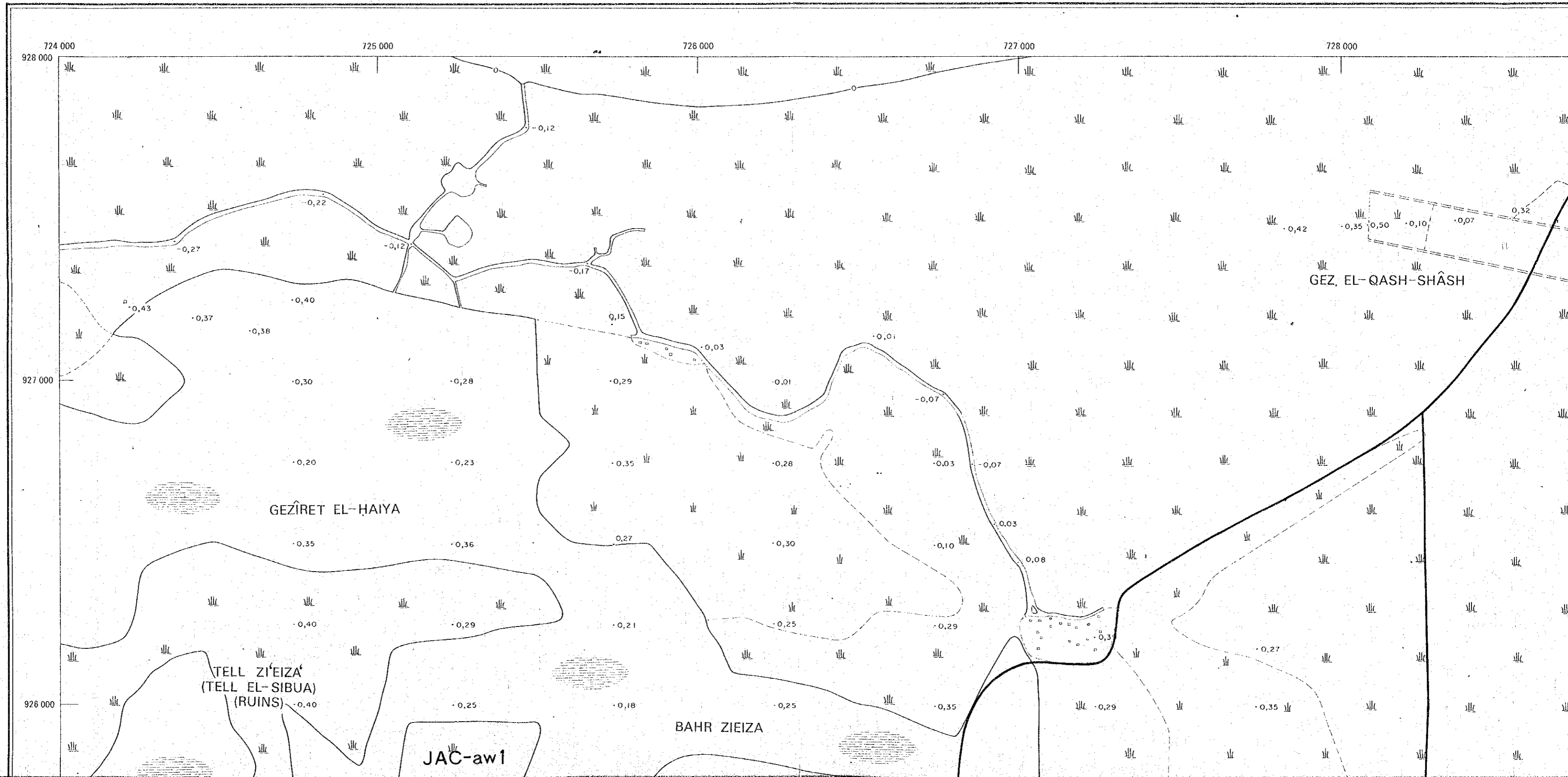


**SOIL MAP ( 14 )** 10725  
**LEGEND**

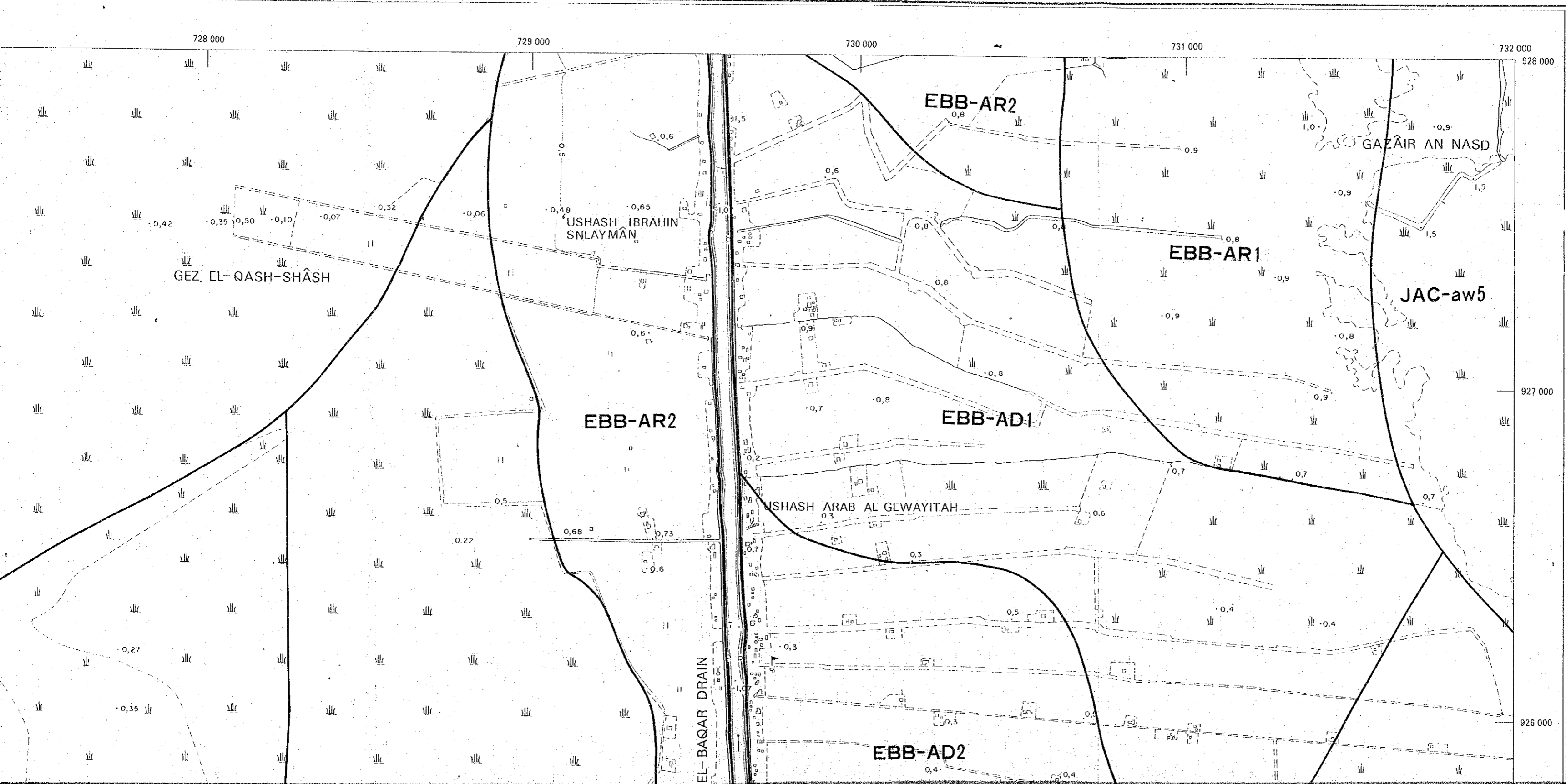
- INUNDATED AREA Sulfic Hydroaquents**
- Soil Family
- JAC-aw1** Thermic, clayey, montomorillonitic, with hard clayey soils
  - JAC-aw2** Thermic, loamy soils
  - JAC-aw3** Thermic, loamy over clayey, soils
  - JAC-aw4** Thermic, clayey, montomorillonitic, subsoil brown soils
  - JAC-aw5** Thermic, clayey, montomorillonitic, with deep zone
- DRY LAND Typic Salorthids**
- Soil Family
- EBA-AR1** Thermic, clayey, montomorillonitic, soils with very shallow reduced zone
  - EBA-AR2** Thermic, light clayey, montomorillonitic, soils with shallow reduced zone
  - EBA-AD1** Thermic, silty clayey, montomorillonitic, with moderately deep zone
  - EBA-AD2** Thermic, clayey, montomorillonitic, with deep zone
  - EBA-AD3** Thermic, silty clayey, montomorillonitic, soils with very deep zone
  - EBA-AD3H** Thermic, clayey over hard clay, montomorillonitic, soils with very deep zone

SHEET  $\frac{15}{16}$  EGYPT - SCALE 1:10,000

NORTH HUSSINIA & SOUTH



# HUSSINIA & SOUTH PORT SAID



16-1	16-2	16-3	16-4
16-5	16-6	16-7	16-8
16-9	16-10	16-11	16-12
16-13	16-14	16-15	16-16

## LEGEND

- Hospital
- Mosque
- School
- Cemetery
- Highway
- Byway/trad

926 000

925 000

924 000

TELL ZI'EIZA  
(TELL EL-SIBUA)  
(RUINS)

JAC-aw1

BAHR ZIEIZA

GEZ. EL-SHIFFA

BUGHÂZ UMM BÎTEIH

EBB-AD3

GEZ. EL-GUHAYISH


























KÔM RÂS EL-ḤUMÂRA

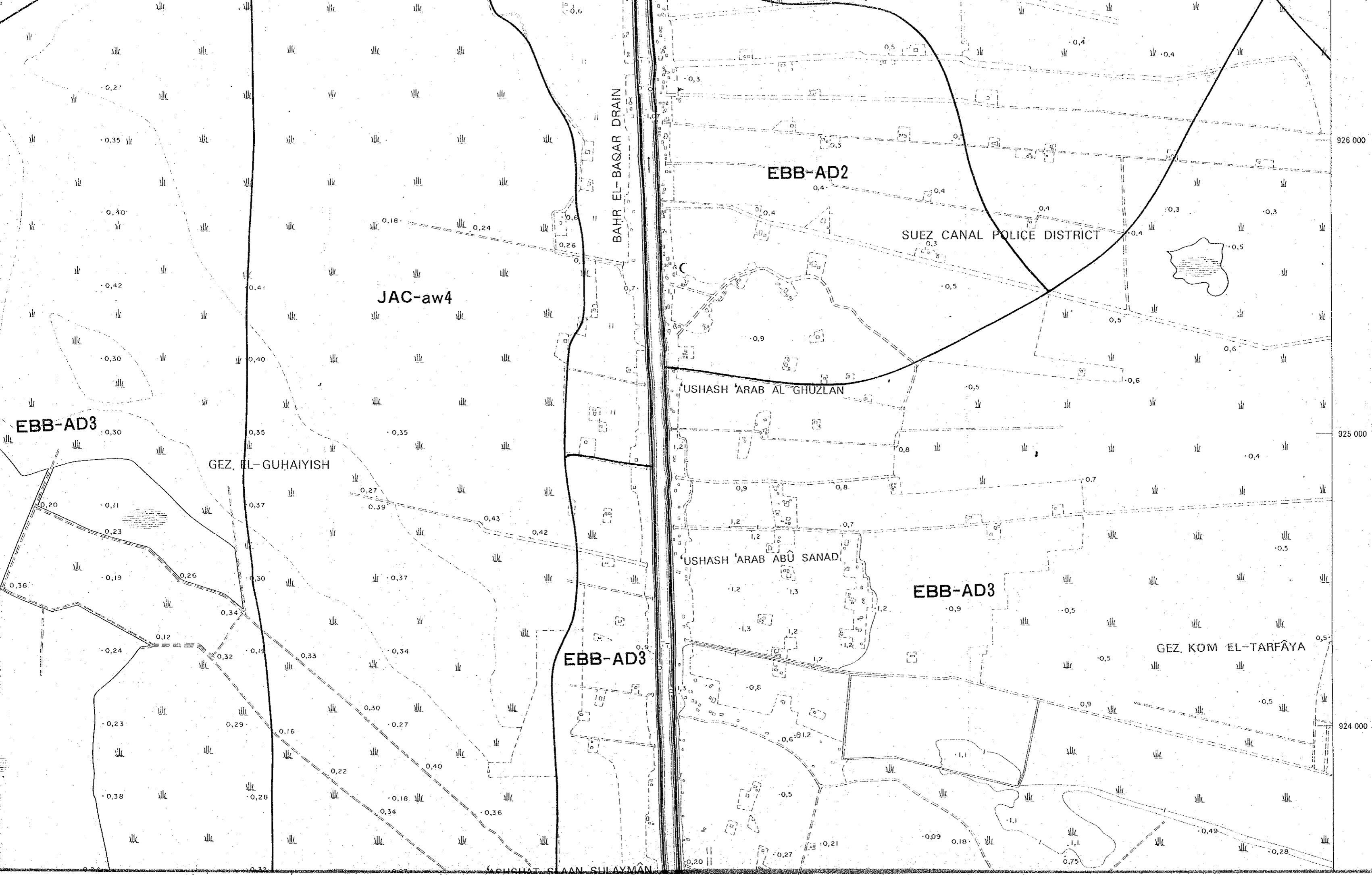
JAC-aw4

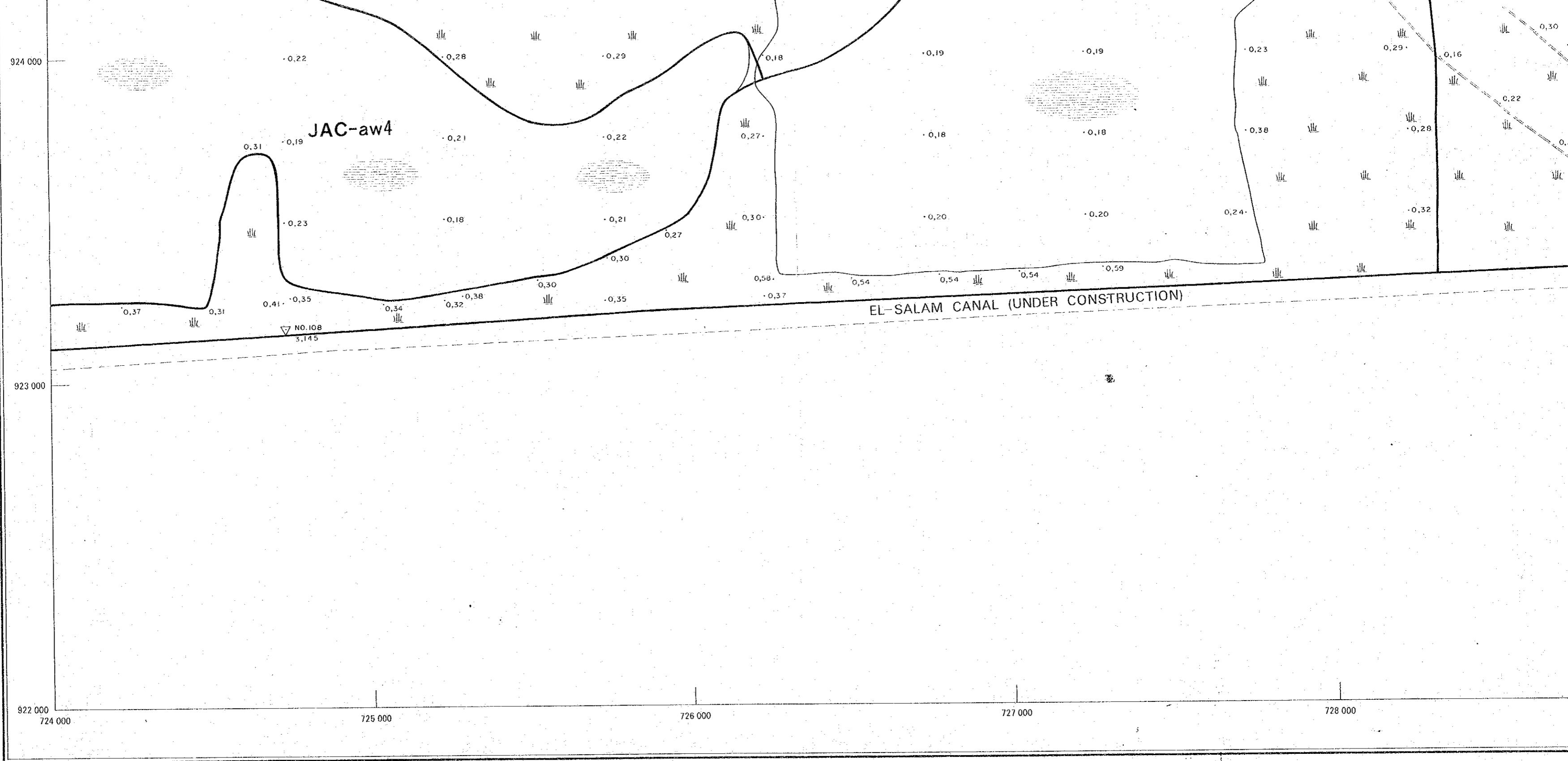




LEGEND

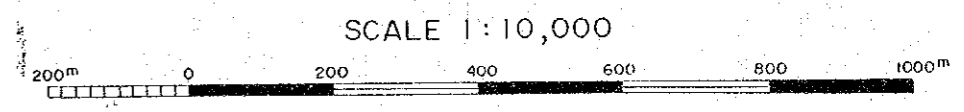
- Hospital 
- Mosque 
- School 
- Cemetery 
- Highway 
- Paved road 
- Unpaved road 
- Small road 
- Track 
- Bridge 
- Bank 
- Levee 
- Cultivation boundary 
- Marsh or swamp 
- Waste area 
- Lake 
- Private canal 
- Power line 
- Monument of traverse point and bench mark  NO.101  
1,590
- Monument of traverse point  NO.119
- Temporary traverse point  NO.119
- Bench Mark  BM.4  
1,631
- Spot height  0,4
- Levelling height  0,41
- Contour 

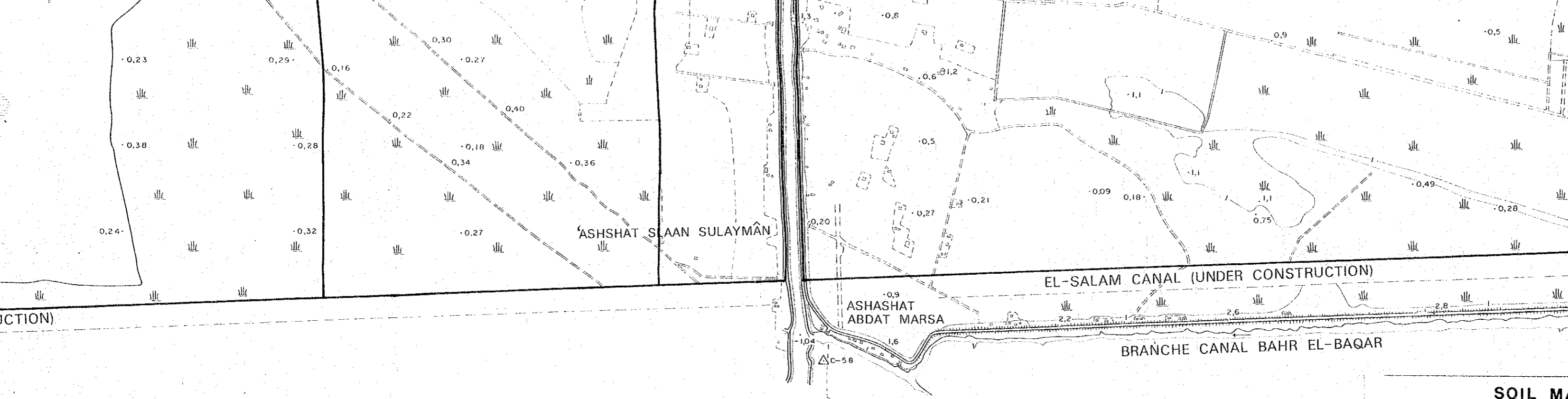




Projection : Transverse Mercator  
 Spheroid : Helmert 1906  
 Origin : 30° N (810.000mN) 31° E (615.000mE)  
 Grid Tables : Egypt Red Belt

Compiled by the field survey party of JICA (Japan International Cooperation Agency) in July 1983, with counterpart cooperation of GARPAD (General Authority for Rehabilitation Projects & Agricultural Development) and Survey Authority of Egypt

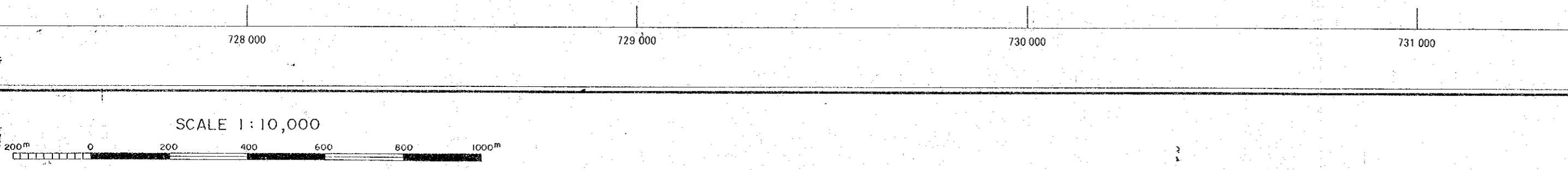




Spot height      0,4  
 Levelling height      0,41  
 Contour      0,2

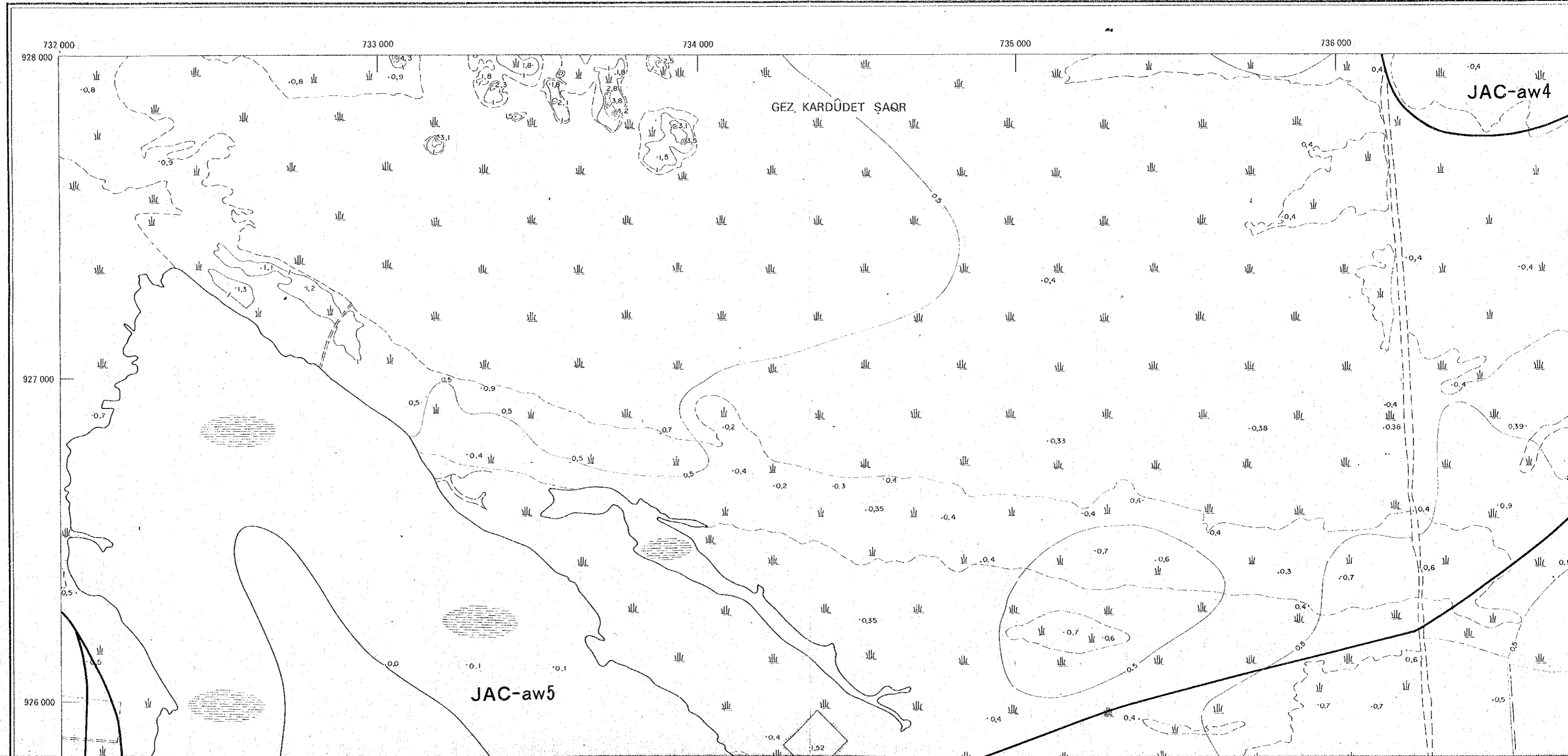
**SOIL MAP ( 15 )**      10725  
**LEGEND**

- INUNDATED AREA** Sulfic Hydroaquents
- Soil Family
- JAC-aw1** Thermic, clayey, montomorillonitic, with hard clayey soils
  - JAC-aw2** Thermic, loamy soils
  - JAC-aw3** Thermic, loamy over clayey, soils
  - JAC-aw4** Thermic, clayey, montomorillonitic, subsoil brown soils
  - JAC-aw5** Thermic, clayey, montomorillonitic, with deep zone
- DRY LAND** Typic Salorthids
- Soil Family
- EBA-AR1** Thermic, clayey, montomorillonitic, soils with very shallow reduced zone
  - EBA-AR2** Thermic, light clayey, montomorillonitic, soils with shallow reduced zone
  - EBA-AD1** Thermic, silty clayey, montomorillonitic, with moderately deep zone
  - EBA-AD2** Thermic, clayey, montomorillonitic, with deep zone
  - EBA-AD3** Thermic, silty clayey, montomorillonitic, soils with very deep zone
  - EBA-AD3H** Thermic, clayey over hard clay, montomorillonitic, soils with very deep zone

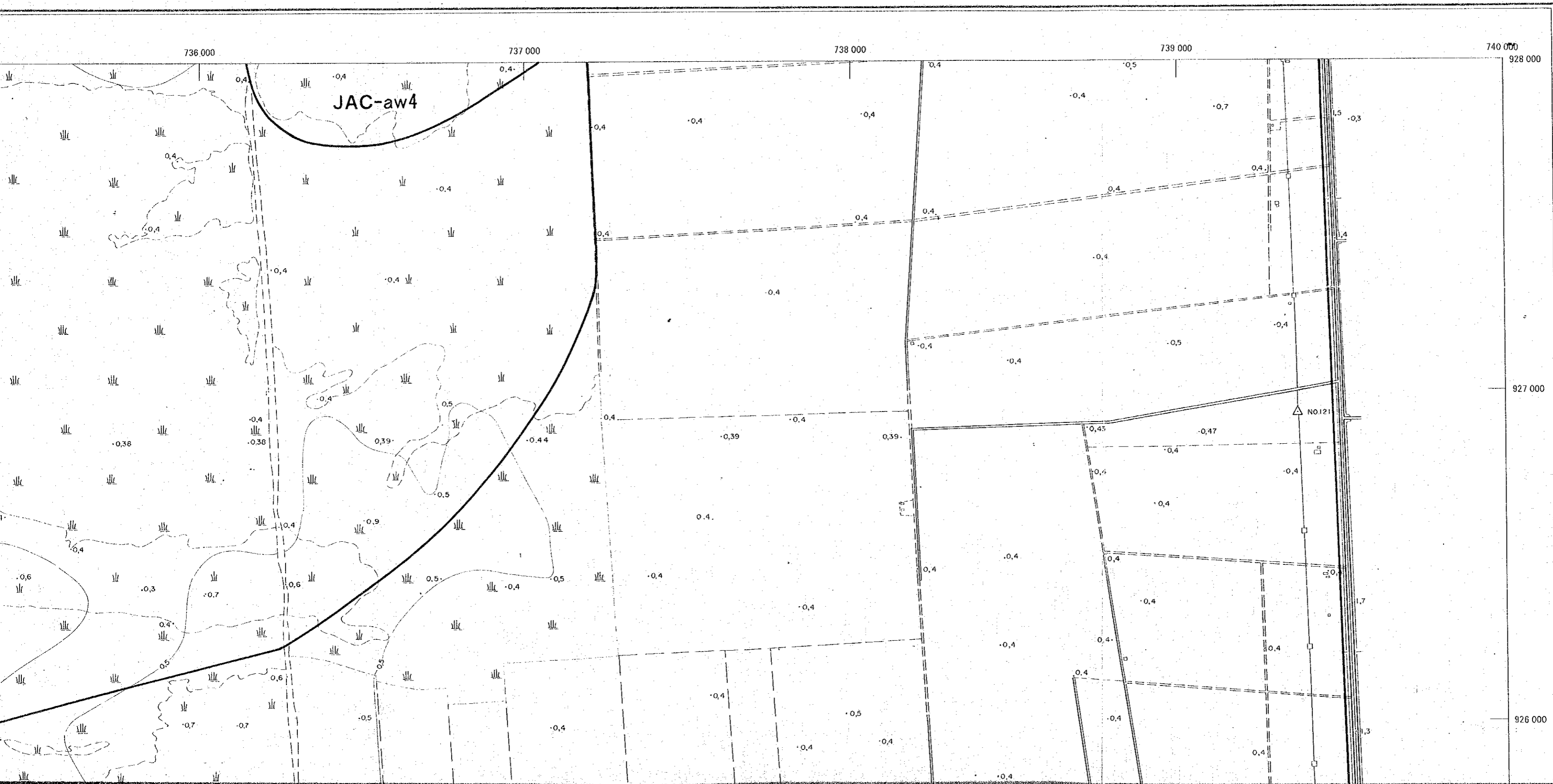


SHEET  $\frac{16}{16}$  EGYPT - SCALE 1:10,000

NORTH HUSSINIA & SOUTH



# HUSSINIA & SOUTH PORT SAID



16-1	16-2	16-3	16-4
16-5	16-6	16-7	16-8
16-9	16-10	16-11	16-12
16-13	16-14	16-15	16-16


























## LEGEND

- Hospital ⊕
- Mosque ⊖
- School ▶
- Cemetery ⋈
- Highway ▬▬▬▬
- Paved road ▬▬▬▬





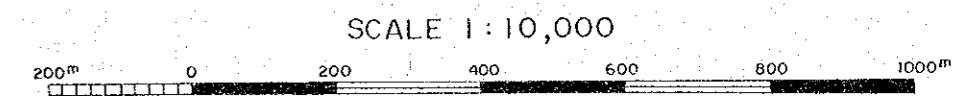
LEGEND

- Hospital 
- Mosque 
- School 
- Cemetery 
- Highway 
- Paved road 
- Unpaved road 
- Small road 
- Track 
- Bridge 
- Bank 
- Levee 
- Cultivation boundary 
- Marsh or swamp 
- Waste area 
- Lake 
- Private canal 
- Power line 
- Monument of traverse point and bench mark  NO.101  
1,590
- Monument of traverse point  NO.119
- Temporary traverse point  NO.119
- Bench Mark  BM.4  
1,631
- Spot height  0,4
- Levelling height  0,41
- Contour 

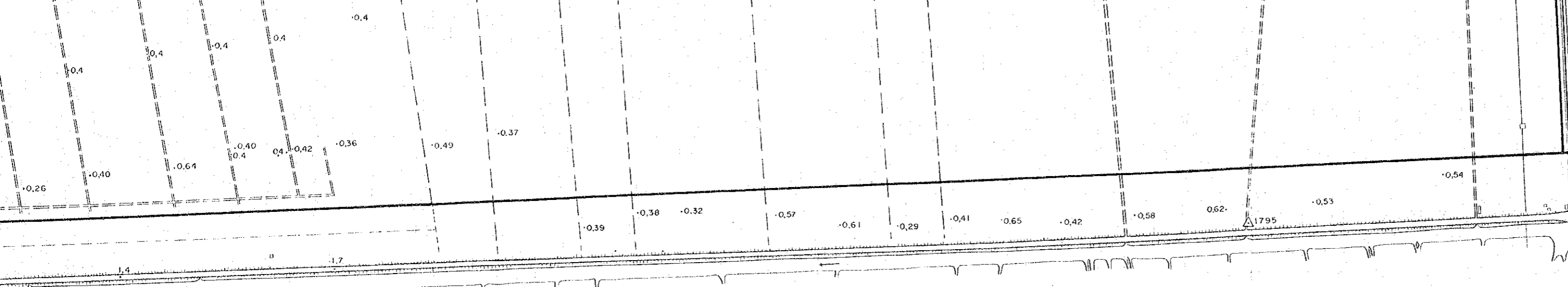


Projection : Transverse Mercator  
Spheroid : Helmert 1906  
Origin : 30° N (810.000mN) 31° E (615.000mE)  
Grid Tables : Egypt Red Belt

Compiled by the field survey party of JICA (Japan International Cooperation Agency) in July 1983, with counterpart cooperation of GARPAD (General Authority for Rehabilitation Projects & Agricultural Development) and Survey Authority of Egypt







BRANCHE CANAL BAHR EL-BAQAR

924 000

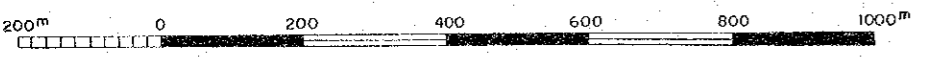
Leveling height 0.41  
Contour

**SOIL MAP ( 16 ) 10725**  
**LEGEND**

- INUNDATED AREA Sulfic Hydroaquents**
- Soil Family
- JAC-aw1 Thermic, clayey, montomorillonitic, with hard clayey soils
  - JAC-aw2 Thermic, loamy soils
  - JAC-aw3 Thermic, loamy over clayey, soils
  - JAC-aw4 Thermic, clayey, montomorillonitic, subsoil brown soils
  - JAC-aw5 Thermic, clayey, montomorillonitic, with deep zone
- DRY LAND Typic Salorthids**
- Soil Family
- EBA-AR1 Thermic, clayey, montomorillonitic, soils with very shallow reduced zone
  - EBA-AR2 Thermic, light clayey, montomorillonitic, soils with shallow reduced zone
  - EBA-AD1 Thermic, silty clayey, montomorillonitic, with moderately deep zone
  - EBA-AD2 Thermic, clayey, montomorillonitic, with deep zone
  - EBA-AD3 Thermic, silty clayey, montomorillonitic, soils with very deep zone
  - EBA-AD3H Thermic, clayey over hard clay, montomorillonitic, soils with very deep zone

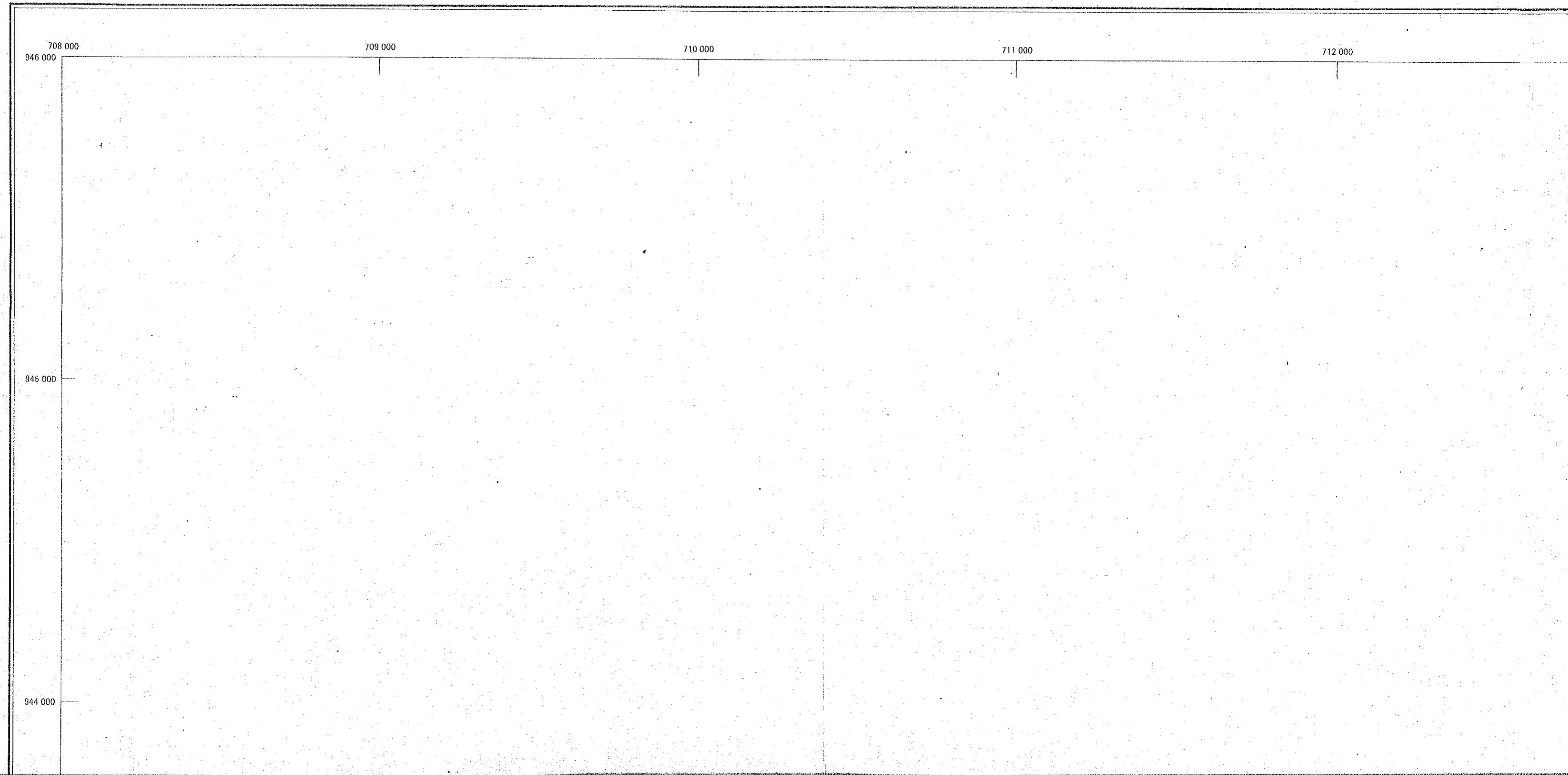
736 000 737 000 738 000 739 000

SCALE 1 : 10,000



SHEET  $\frac{1}{16}$  EGYPT - SCALE 1:10,000

NORTH HUSSINIA & SOUT



# HUSSINIA & SOUTH PORT SAID

712 000

713 000

714 000

715 000

716 000

946 000

16-1	16-2	16-3	16-4
16-5	16-6	16-7	16-8
16-9	16-10	16-11	16-12
16-13	16-14	16-15	16-16

945 000

944 000

## LEGEND


Hospital 

Mosque 

School 

Cemetery 

Highway 

Paved road 

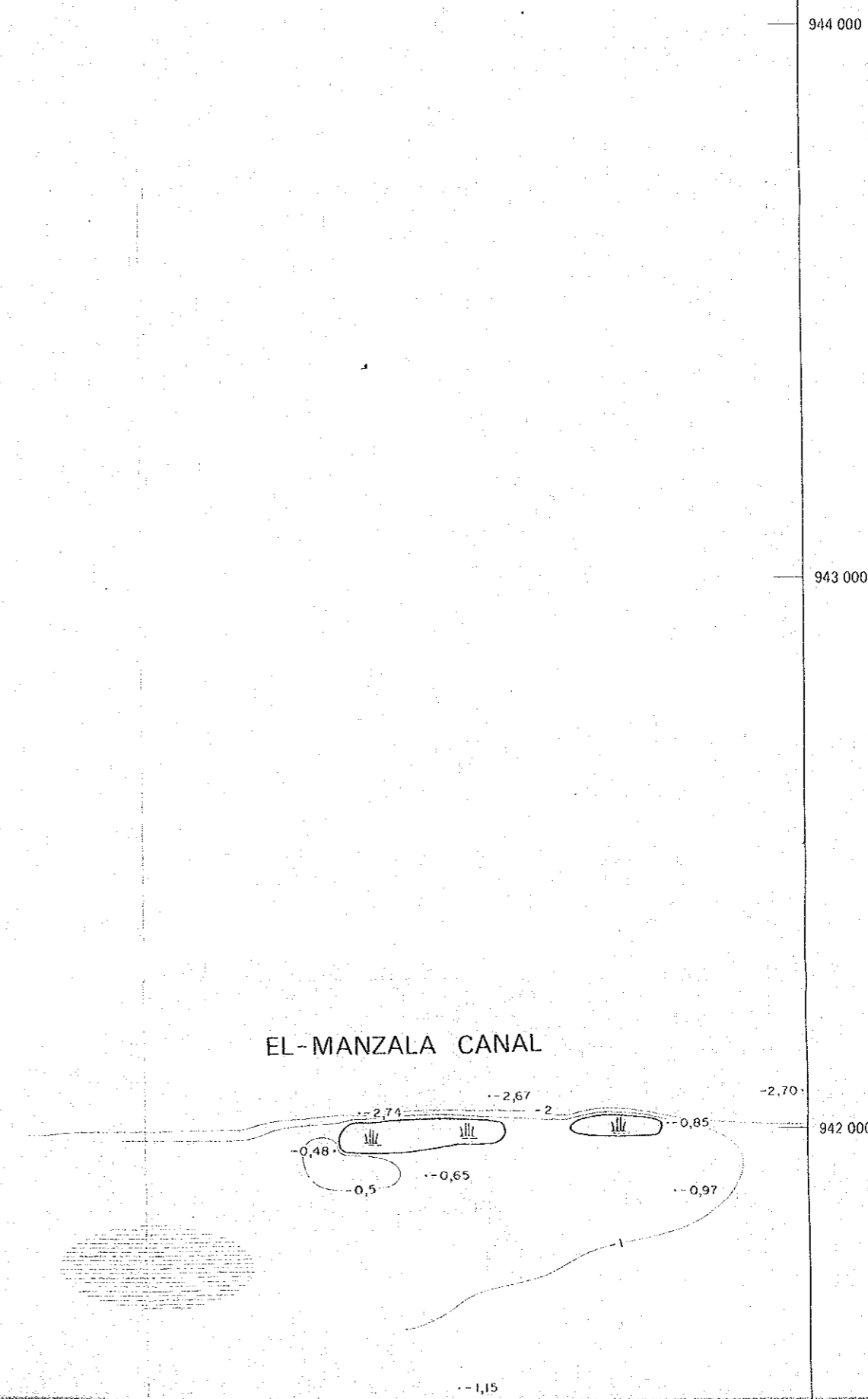
944 000

943 000

942 000

LEGEND

Hospital	☉
Mosque	☼
School	▶
Cemetery	☩
Highway	====
Paved road	=====
Unpaved road	=====
Small road	====- - -
Track	- - - - -
Bridge	— — —
Bank	
Levee	- - - - -
Cultivation boundary	□
Marsh or swamp	
Waste area	
Lake	○
Private canal	└┘
Power line	—□—□—
Monument of traverse point and bench mark	△ NO.101 1,590
Monument of traverse point	△ NO.119
Temporary traverse point	▽ NO.119
Bench Mark	□ BM.4 1,631
Spot height	· 0,4
Levelling height	· 0,41
Contour	—0— —1—



942 000

941 000

940 000

708 000

709 000

710 000

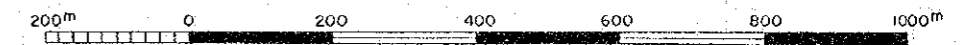
711 000

712 000

Projection : Transverse Mercator  
Spheroid : Helmert 1906  
Origin : 30° N (810.000mN) 31° E (615.000mE)  
Grid Tables : Egypt Red Belt

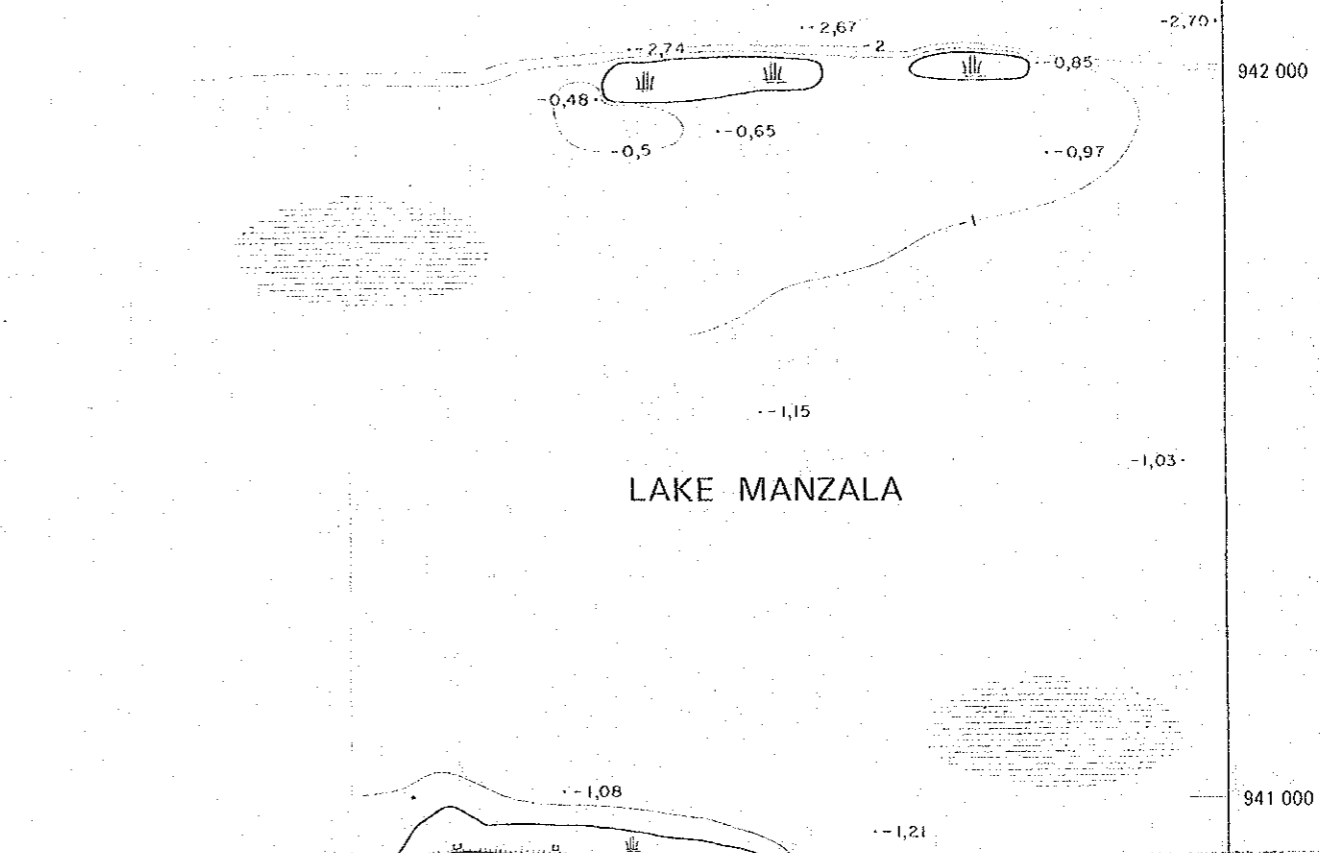
Compiled by the field survey party of JICA (Japan International Cooperation Agency) in July 1983, with counterpart cooperation of GARPAD (General Authority for Rehabilitation Projects & Agricultural Development) and Survey Authority of Egypt

SCALE 1 : 10,000



EL-MANZALA CANAL

Spot height -0,4  
 Levelling height -0,41  
 Contour



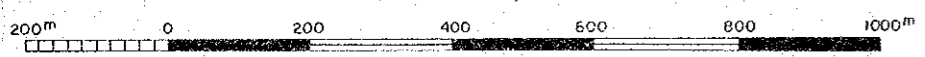
10725

LAND CAPABILITY CLASSIFICATION MAP  
 LEGEND ( 1 )

- 2 - a Relatively high production expected
- 2 - b So stable production as in 2-a
- 2 - bR High salt content appears in 2-b
- 3 - a Efforts to improve soil texture by scattering manure, increasing permeability and etc. are required
- 3 - aR High salt content appears in 3-a
- 3 - b Additional efforts to those in 3-a are required

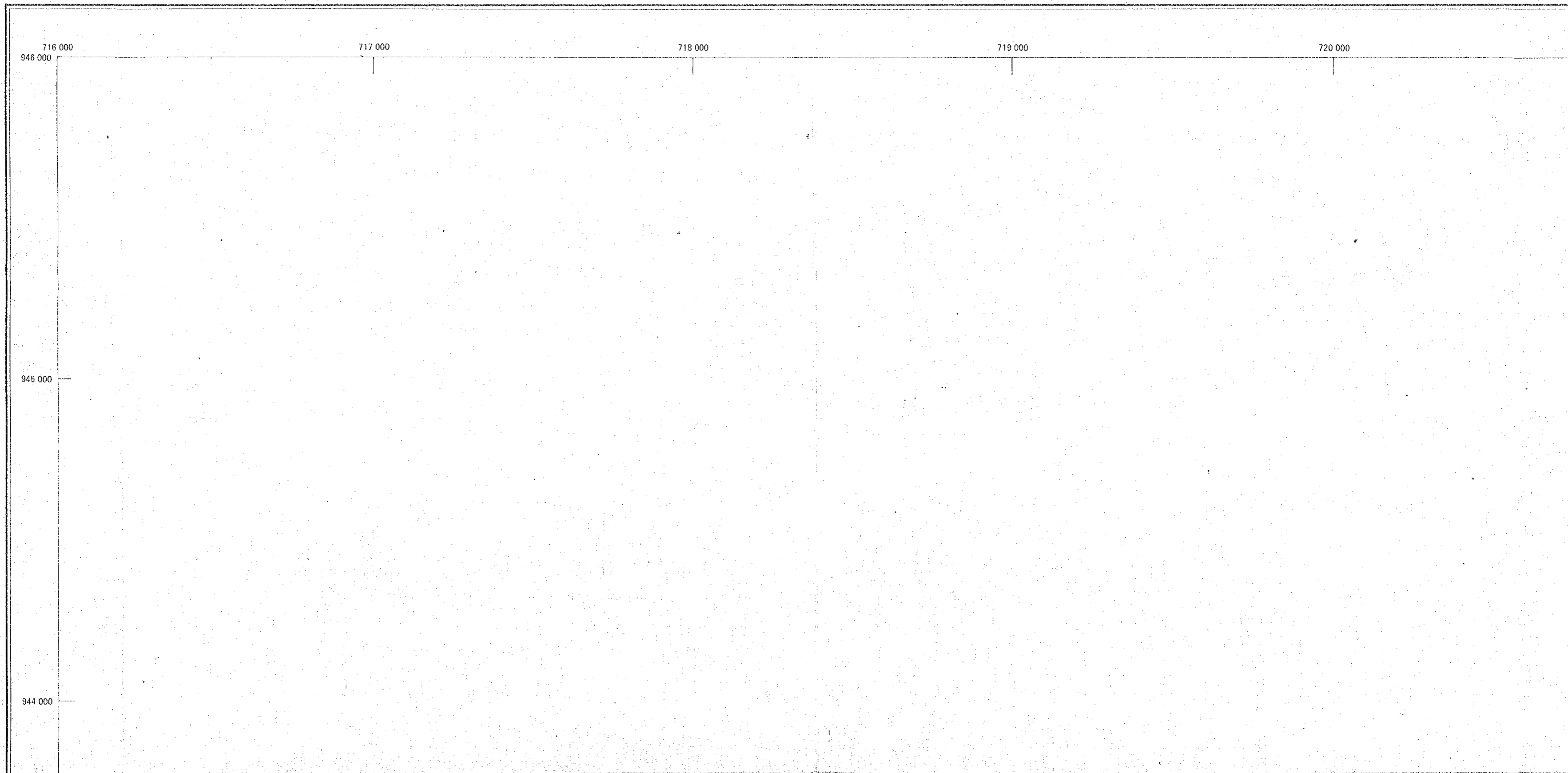
712 000      713 000      714 000      715 000

SCALE 1 : 10,000



SHEET  $\frac{2}{16}$  EGYPT - SCALE 1:10,000

NORTH HUSSINIA & SOUTH





# RUSSINIA & SOUTH PORT SAID

720 000

721 000

722 000

723 000

724 000

946 000

945 000

944 000

16-1	16-2	16-3	16-4
16-5	16-6	16-7	16-8
16-9	16-10	16-11	16-12
16-13	16-14	16-15	16-16

## LEGEND


Hospital C

Mosque ⌘

School ⌘

Cemetery y

Highway 

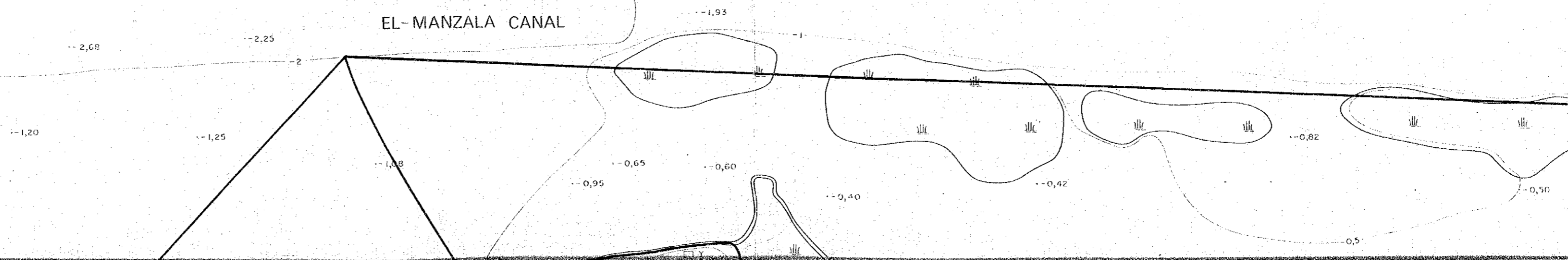
Paved road 

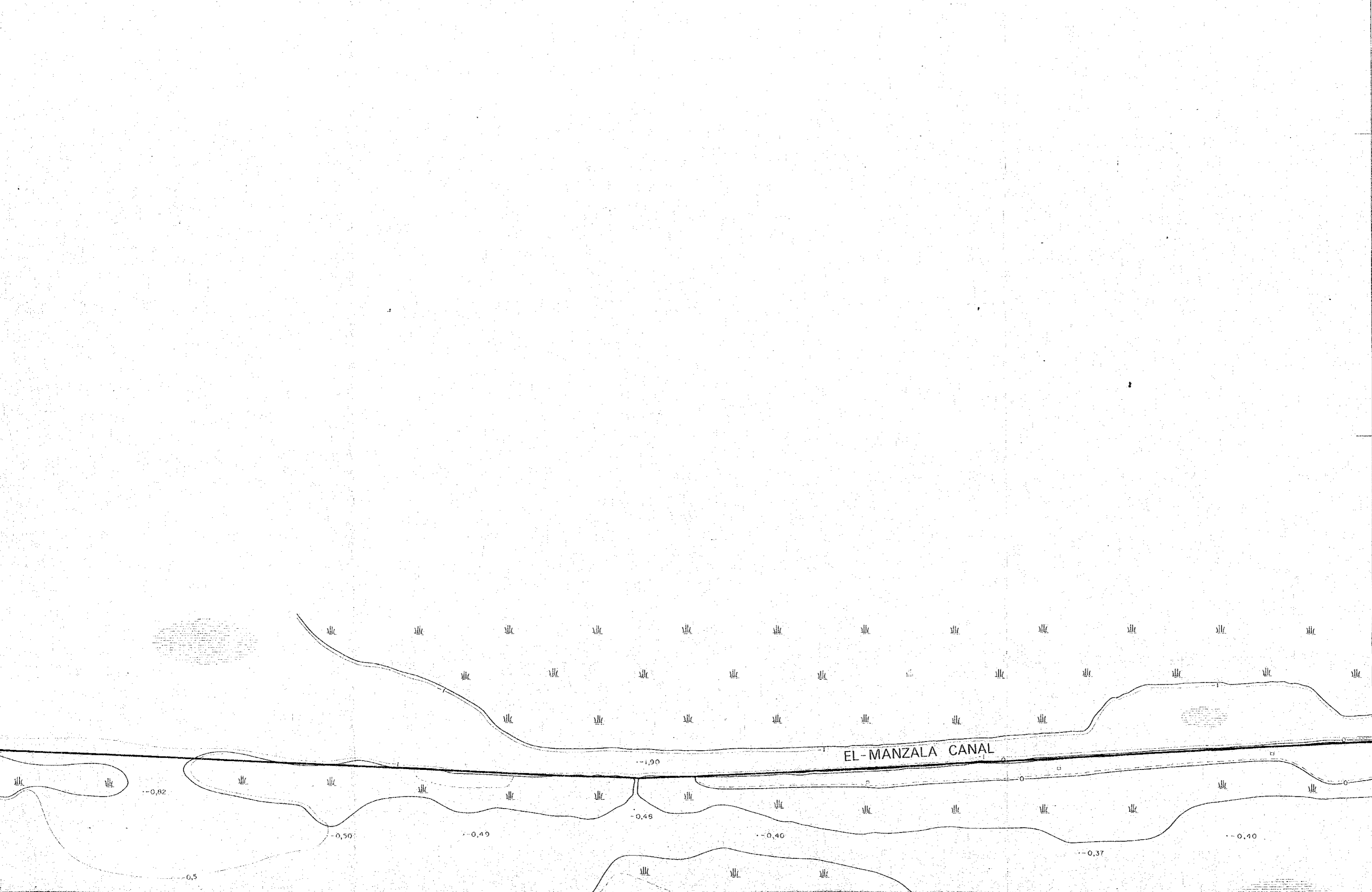
944 000

943 000

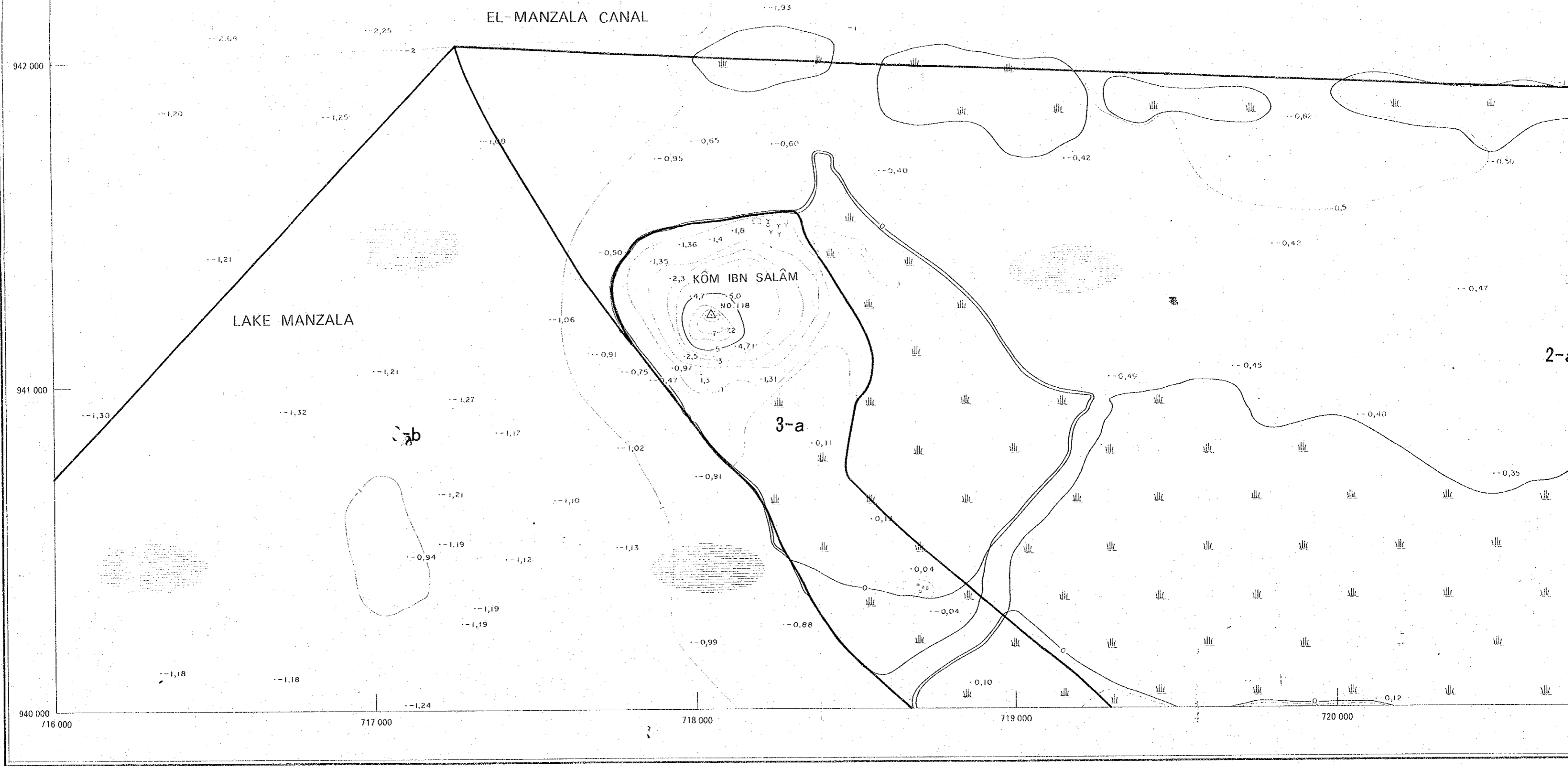
942 000

EL-MANZALA CANAL



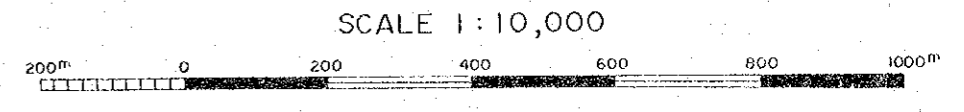


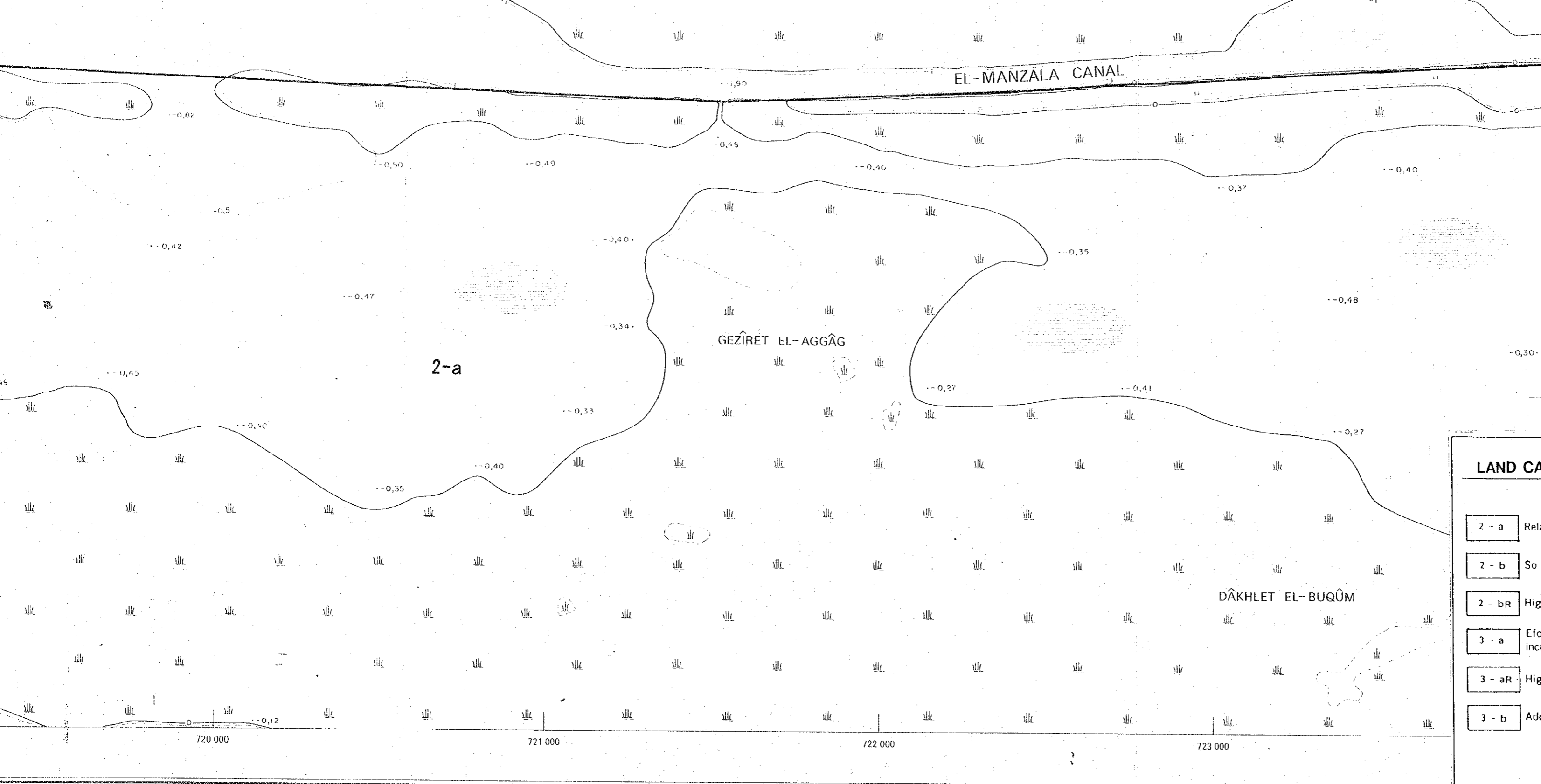
Hospital	C
Mosque	3
School	▶
Cemetery	Y
Highway	====
Paved road	=====
Unpaved road	=====
Small road	-----
Track	-----
Bridge	-----
Bank	
Levee	-----
Cultivation boundary	○
Marsh or swamp	
Waste area	
Lake	○
Private canal	Y
Power line	□-□
Monument of traverse point and bench mark	△ NO.101 1,590
Monument of traverse point	△ NO.119
Temporary traverse point	▽ NO.119
Bench Mark	BM.4 1,631
Spot height	0,4
Levelling height	0,41
Contour	



Projection : Transverse Mercator  
 Spheroid : Helmert 1906  
 Origin : 30° N (810.000mN) 31° E (615.000mE)  
 Grid Tables : Egypt Red Belt

Compiled by the field survey party of JICA (Japan International Cooperation Agency) in July 1983, with counterpart cooperation of GARPAD (General Authority for Rehabilitation Projects & Agricultural Development) and Survey Authority of Egypt





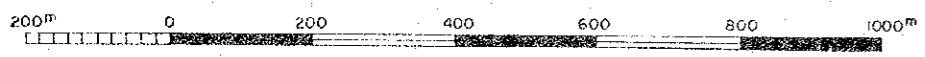
Spot height -0,4  
 Levelling height -0,41  
 Contour

10725

**LAND CAPABILITY CLASSIFICATION MAP**  
**LEGEND ( 2 )**

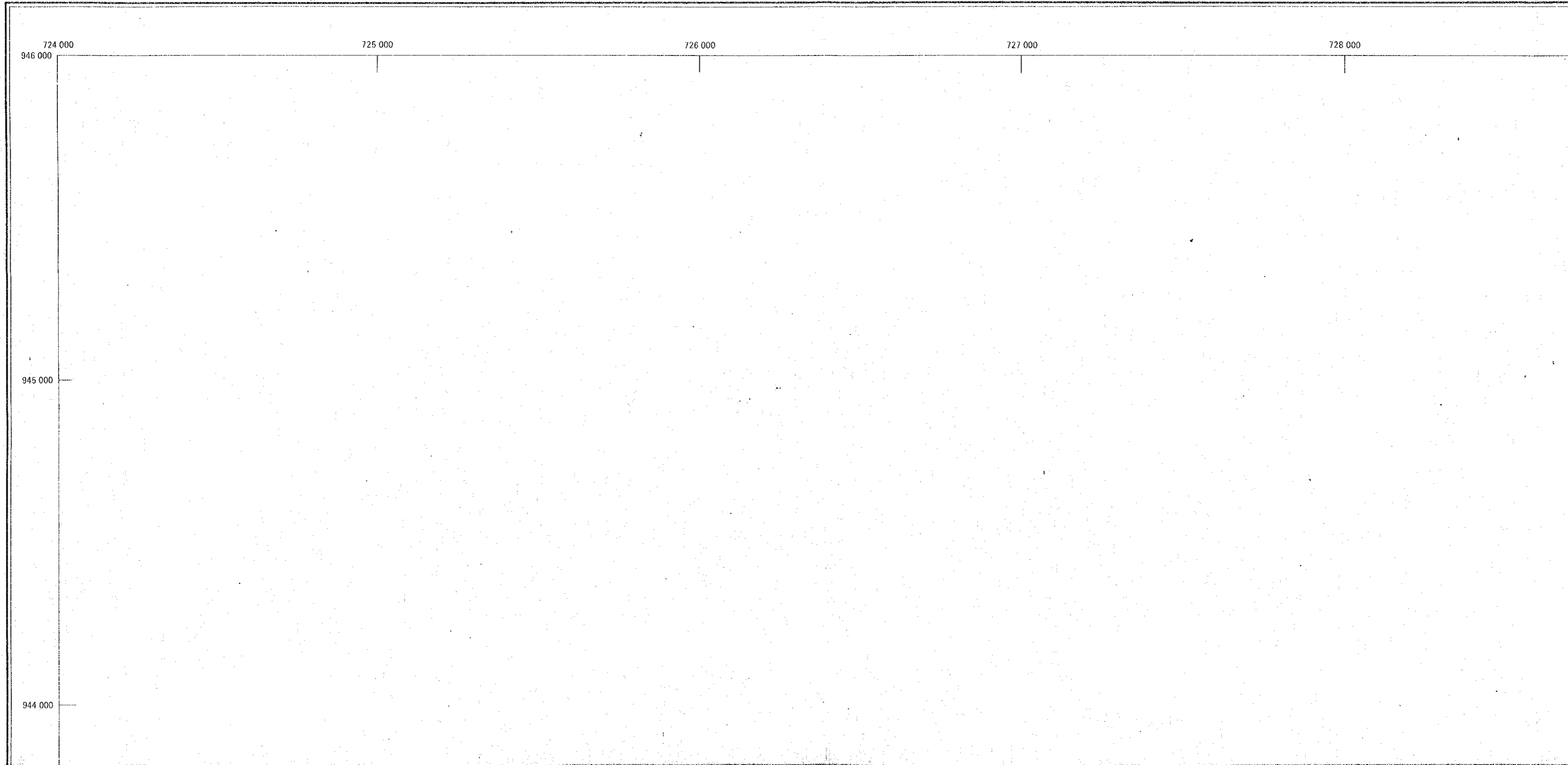
2 - a	Relatively high production expected
2 - b	So stable production as in 2-a
2 - bR	High salt content appears in 2-b
3 - a	Efforts to improve soil texture by scattering manure, increasing permeability and etc. are required
3 - aR	High salt content appears in 3-a
3 - b	Additional efforts to those in 3-a are required

SCALE 1 : 10,000



SHEET  $\frac{3}{16}$  EGYPT - SCALE 1:10,000

NORTH HUSSINIA & SOUT





944 000

943 000

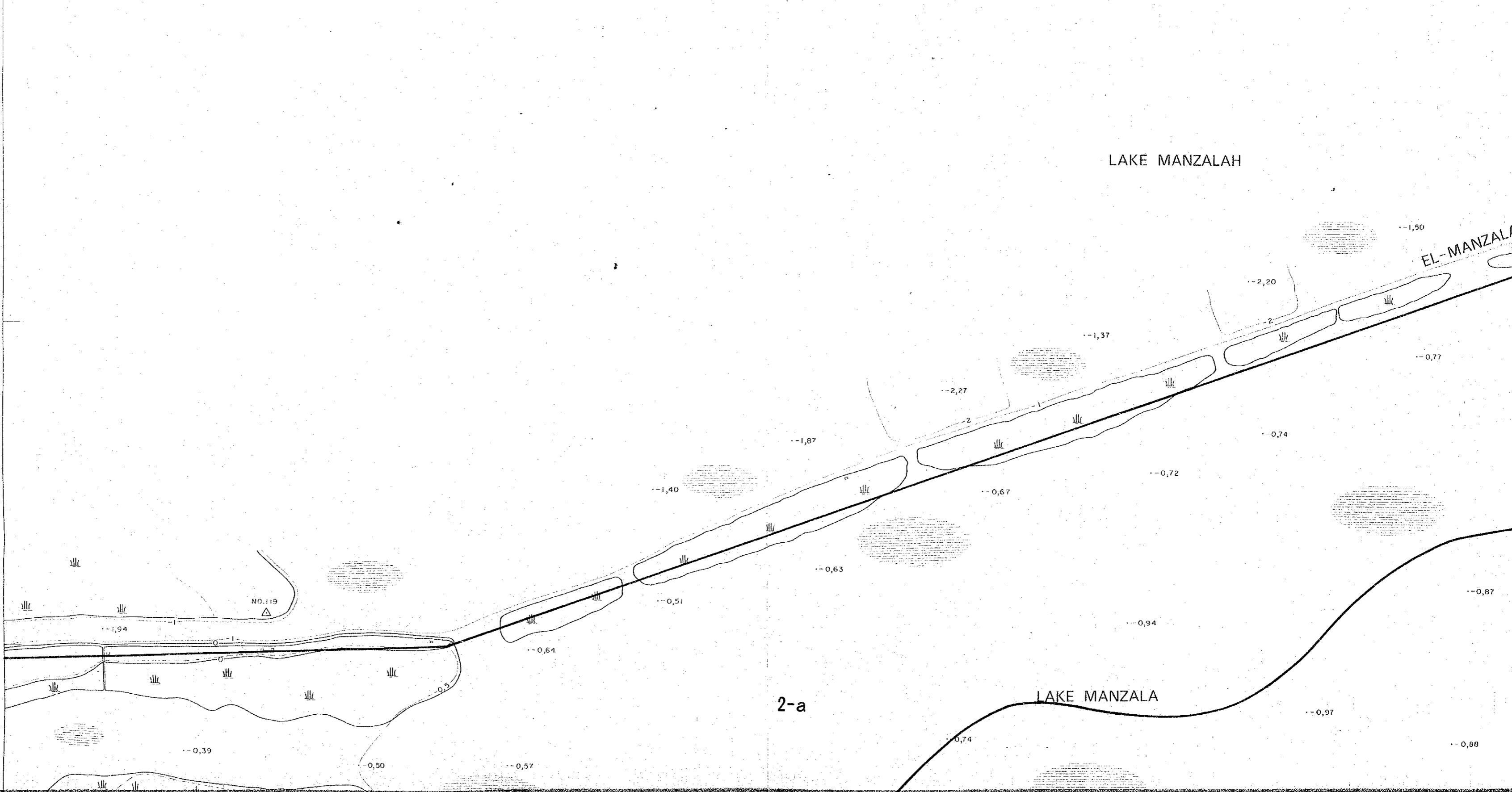
942 000

LAKE MANZALAH

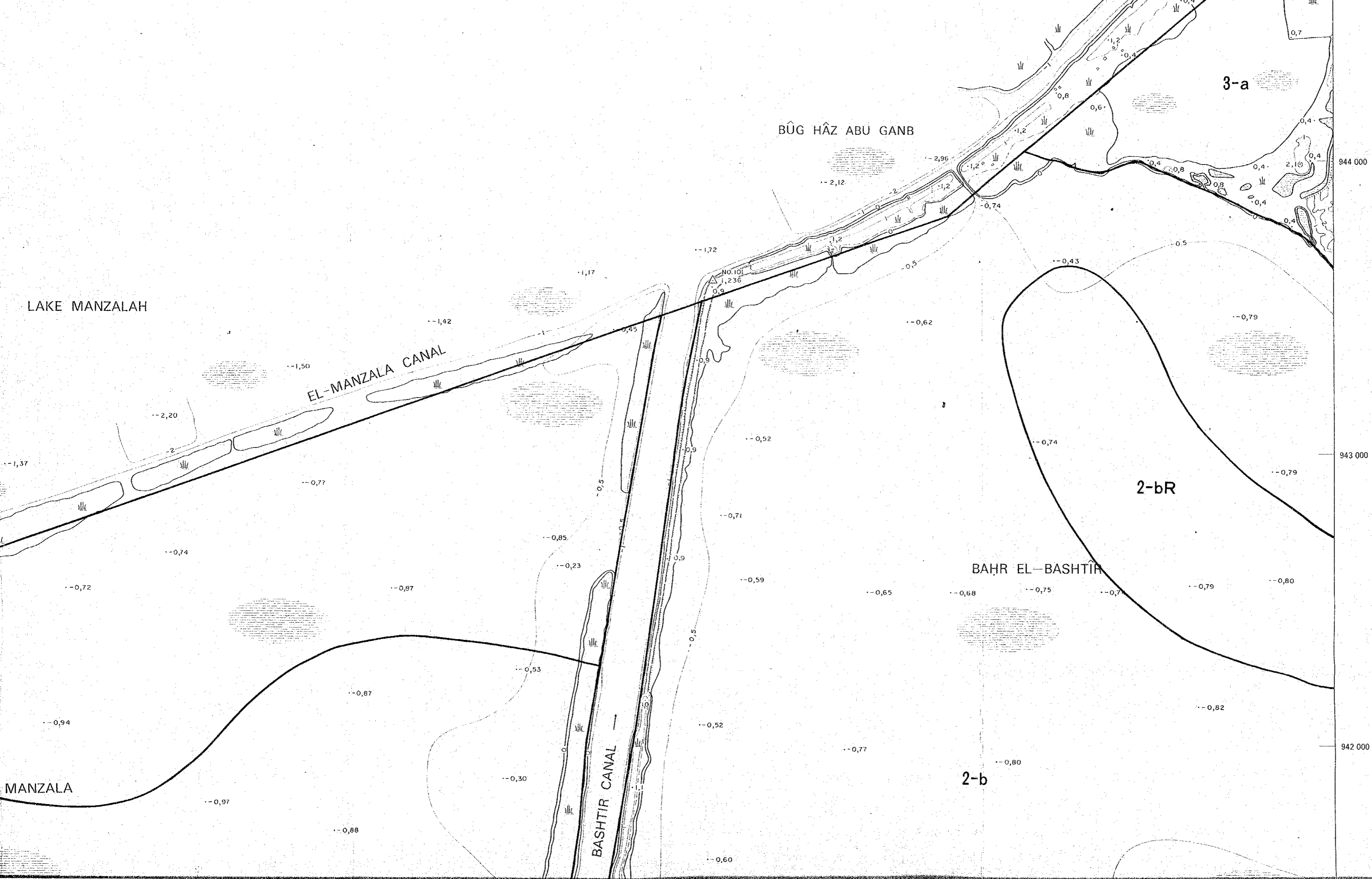
EL-MANZALA

2-a

LAKE MANZALA

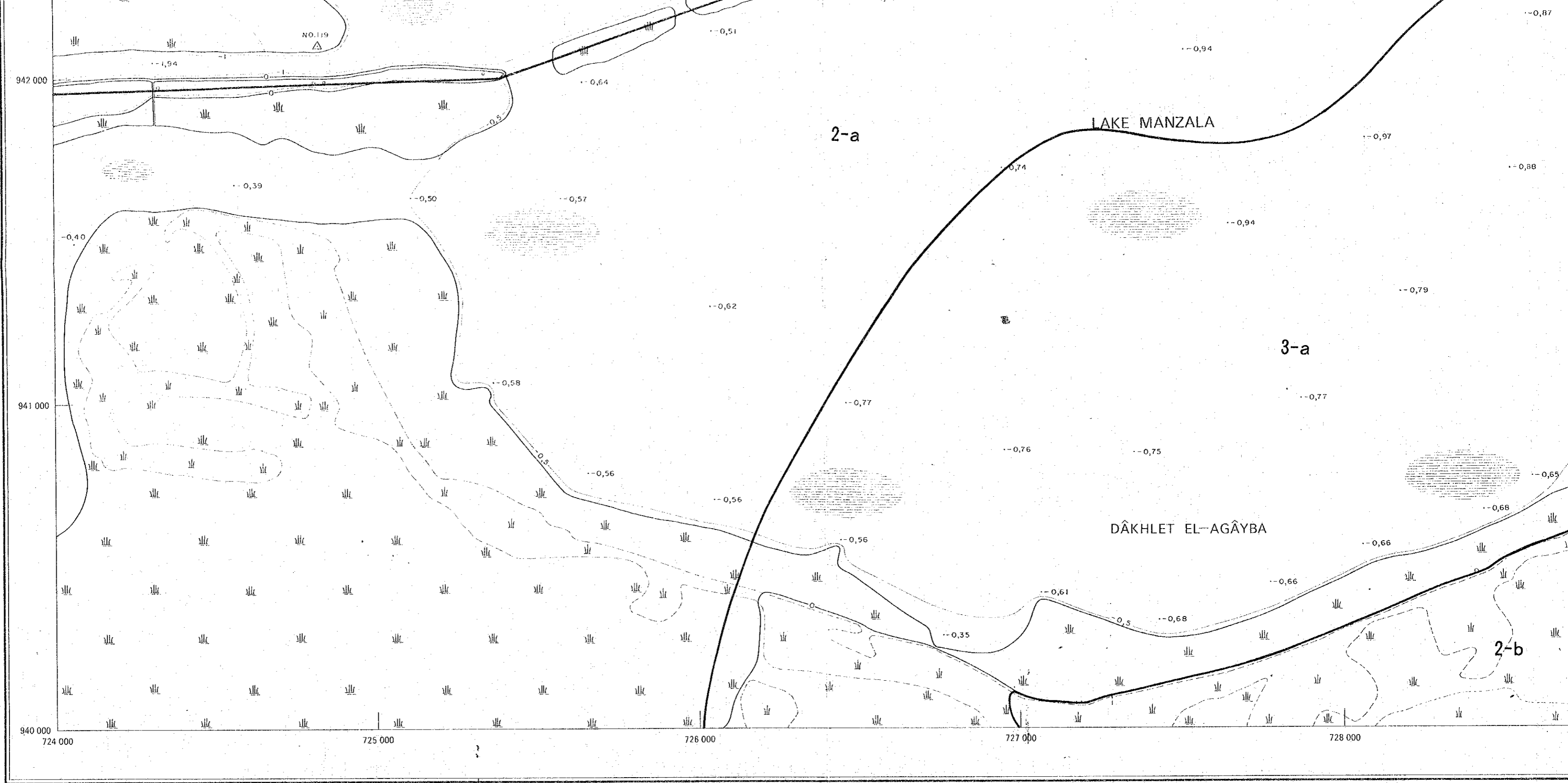






**LEGEND**

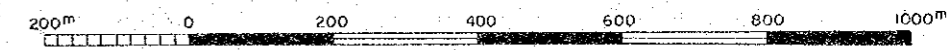
Hospital	☾
Mosque	☼
School	▶
Cemetery	⋈
Highway	====
Paved road	=====
Unpaved road	=====
Small road	-----
Track	- - - - -
Bridge	⌈⌋
Bank	⌈⌋
Levee	-----
Cultivation boundary	⌈⌋
Marsh or swamp	⌈⌋
Waste area	⌈⌋
Lake	⌈⌋
Private canal	⌈⌋
Power line	⌈⌋
Monument of traverse point and bench mark	△ NO.101 1,590
Monument of traverse point	△ NO.119
Temporary traverse point	▽ NO.119
Bench Mark	⌈⌋ BM.4 1,631
Spot height	· 0,4
Levelling height	· 0,41
Contour	⌈⌋

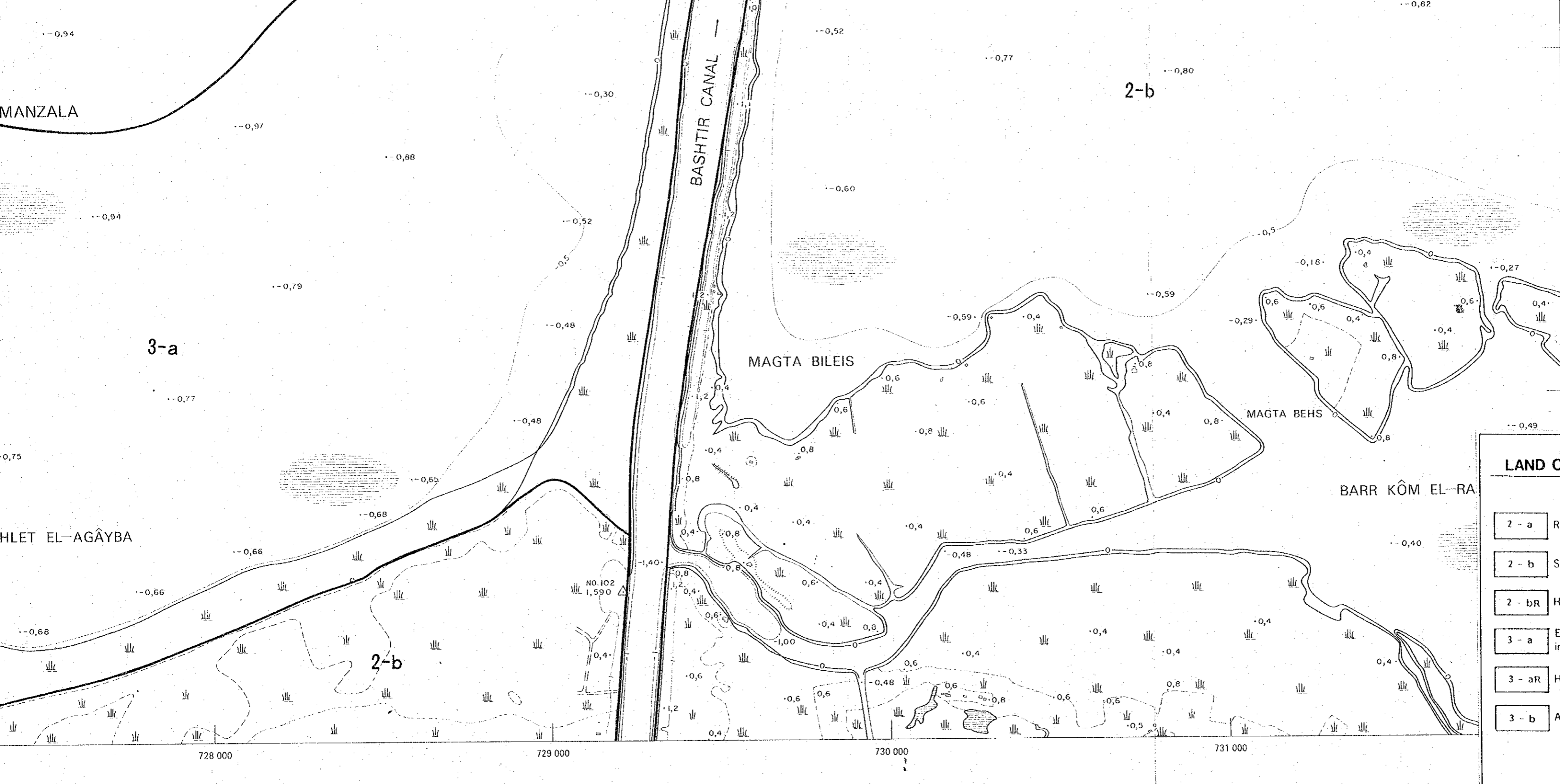


Projection : Transverse Mercator  
 Spheroid : Helmert 1906  
 Origin : 30° N (810.000mN) 31° E (615.000mE)  
 Grid Tables : Egypt Red Belt

Compiled by the field survey party of JICA (Japan International Cooperation Agency) in July 1983, with counterpart cooperation of GARPAD (General Authority for Rehabilitation Projects & Agricultural Development) and Survey Authority of Egypt

SCALE 1 : 10,000





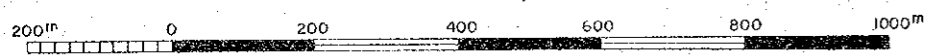
Spot height 0.4  
 Levelling height 0.41  
 Contour

10725

**LAND CAPABILITY CLASSIFICATION MAP**  
**LEGEND ( 3 )**

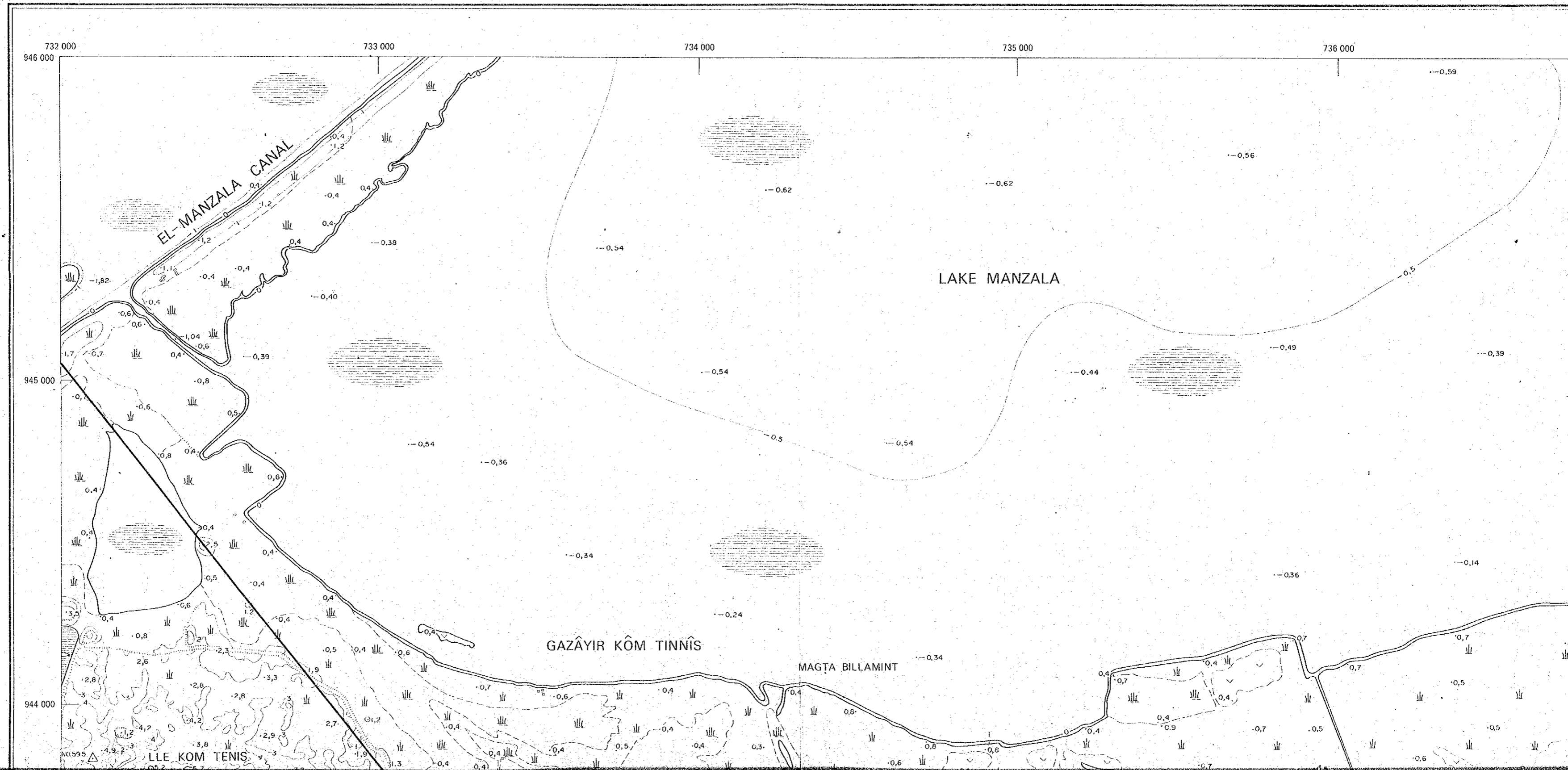
- 2 - a Relatively high production expected
- 2 - b So stable production as in 2-a
- 2 - bR High salt content appears in 2-b
- 3 - a Efforts to improve soil texture by scattering manure, increasing permeability and etc. are required
- 3 - aR High salt content appears in 3-a
- 3 - b Additional efforts to those in 3-a are required

SCALE 1:10,000



SHEET  $\frac{4}{16}$  EGYPT - SCALE 1:10,000

# NORTH HUSSINIA & SOUT



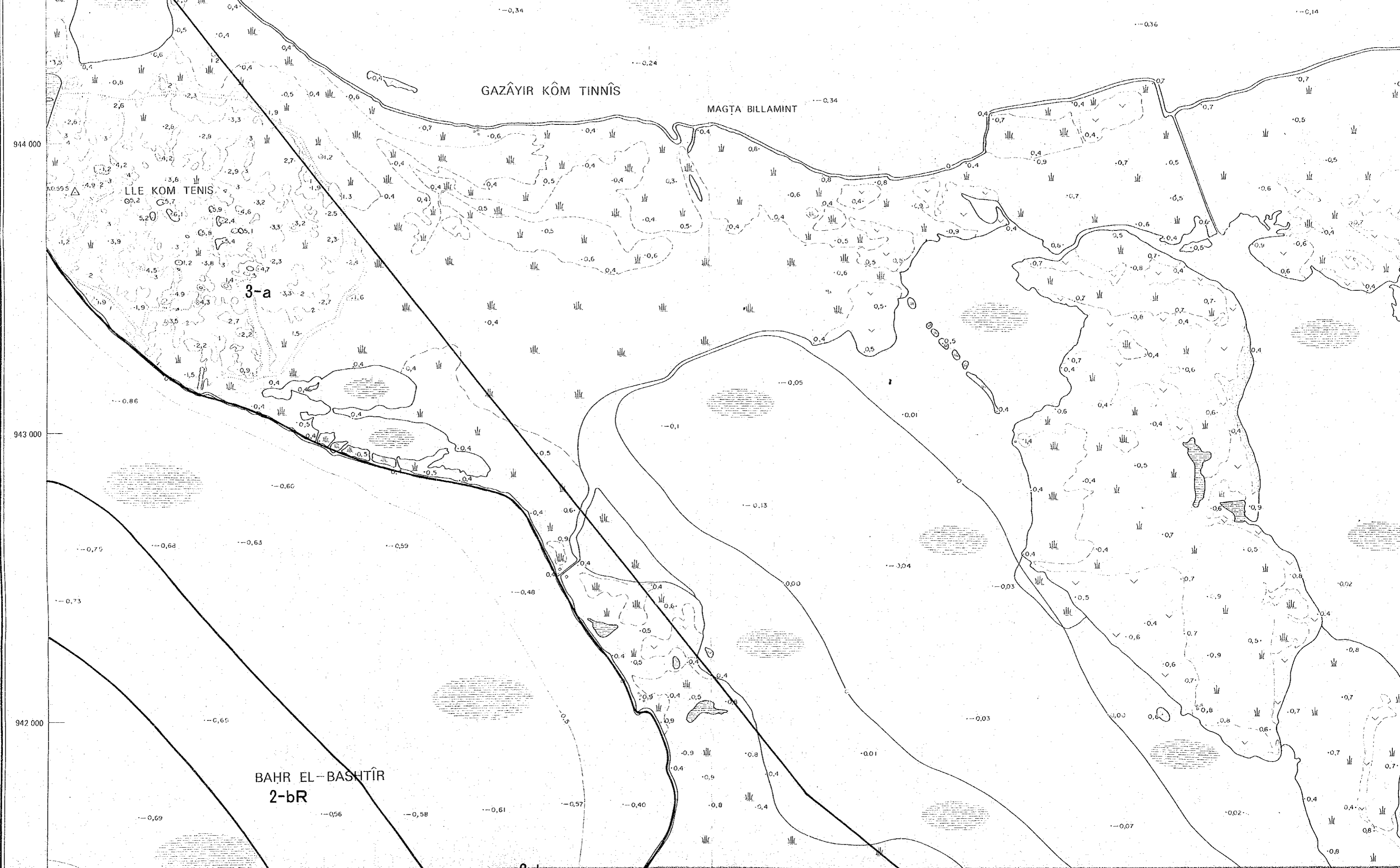
# HUSSINIA & SOUTH PORT SAID



16-1	16-2	16-3	16-4
16-5	16-6	16-7	16-8
16-9	16-10	16-11	16-12
16-13	16-14	16-15	16-16

## LEGEND

- Hospital ☾
- Mosque ⊘
- School ▶
- Cemetery Y
- Highway ▬▬▬
- Paved road ▬▬▬▬▬



GAZÂYIR KÔM TINNÎS

MAGTA BILLAMINT

LLE KOM TENIS

3-a

BAHR EL-BASHTÎR  
2-bR

944 000

943 000

942 000

-0.69

-0.56

-0.58

-0.61

-0.57

-0.40

-0.8

-0.4

-0.01

-0.03

-0.07

-0.02

-0.4

-0.8

-0.73

-0.75

-0.64

-0.63

-0.59

-0.48

-0.13

-0.05

-0.01

-0.03

-0.04

-0.1

-0.86

-0.60

0.5

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-1.2

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























-0.24

-0.34

-0.36

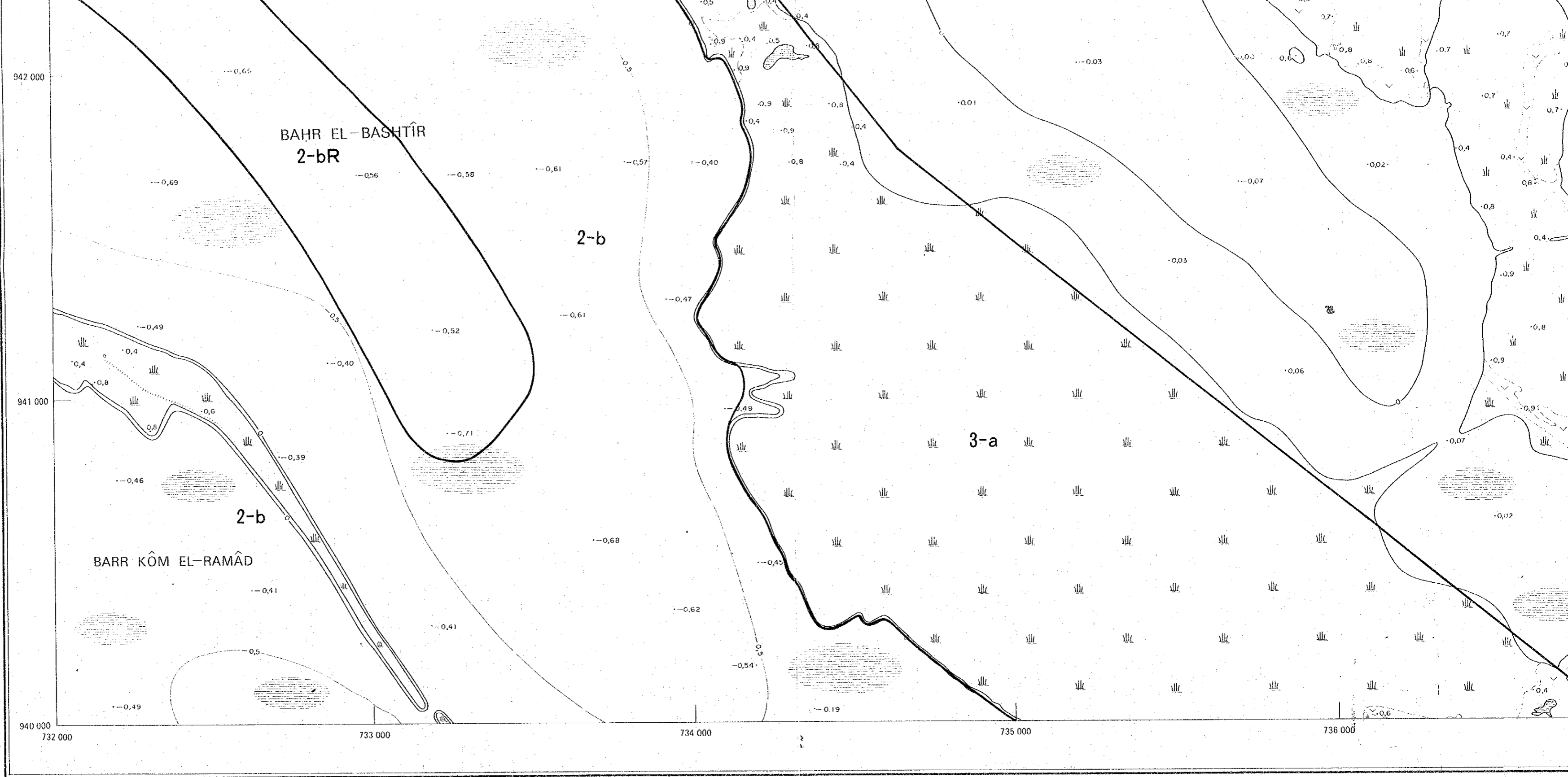
-0.14

LEGEND

- Hospital 
- Mosque 
- School 
- Cemetery 
- Highway 
- Paved road 
- Unpaved road 
- Small road 
- Track 
- Bridge 
- Bank 
- Levee 
- Cultivation boundary 
- Marsh or swamp 
- Waste area 
- Lake 
- Private canal 
- Power line 
- Monument of traverse point and bench mark  NO.101  
1,590
- Monument of traverse point  NO.119
- Temporary traverse point  NO.119
- Bench Mark  BM.4  
1,631
- Spot height  0,4
- Levelling height  0,41
- Contour 

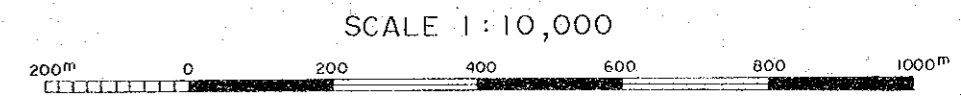






Projection : Transverse Mercator  
 Spheroid : Helmert 1906  
 Origin : 30° N (810.000mN) 31° E (615.000mE)  
 Grid Tables : Egypt Red Belt

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Spot height 0.4  
 Levelling height 0.41  
 Contour

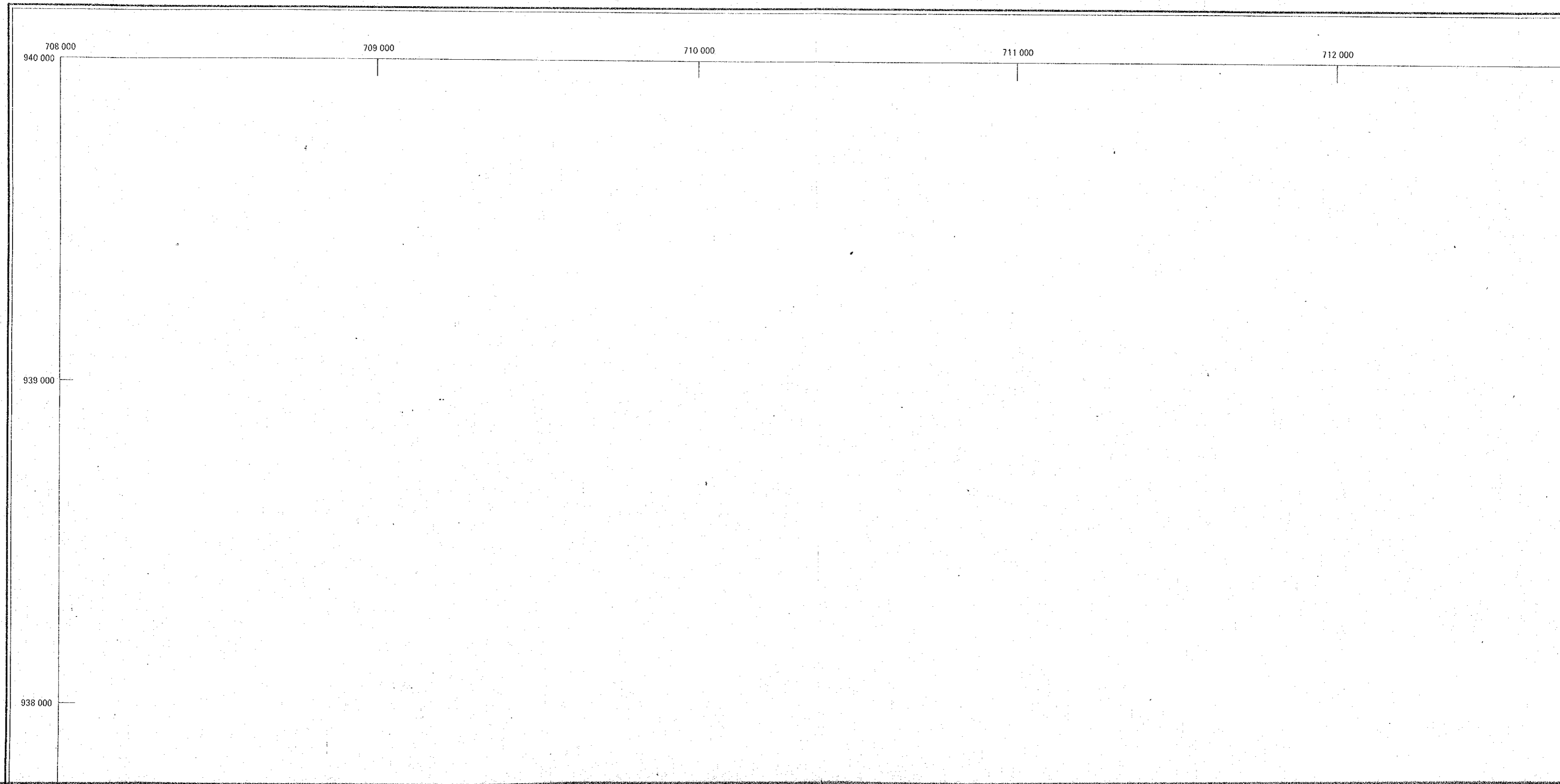
10725

**LAND CAPABILITY CLASSIFICATION MAP**  
**LEGEND ( 4 )**

- 2 - a Relatively high production expected
- 2 - b So stable production as in 2-a
- 2 - bR High salt content appears in 2-b
- 3 - a Efforts to improve soil texture by scattering manure, increasing permeability and etc. are required
- 3 - aR High salt content appears in 3-a
- 3 - b Additional efforts to those in 3-a are required

SHEET  $\frac{5}{16}$  EGYPT - SCALE 1:10,000

NORTH HUSSINIA & SOUT



# HUSSINIA & SOUTH PORT SAID

712 000

713 000

714 000





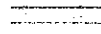
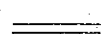
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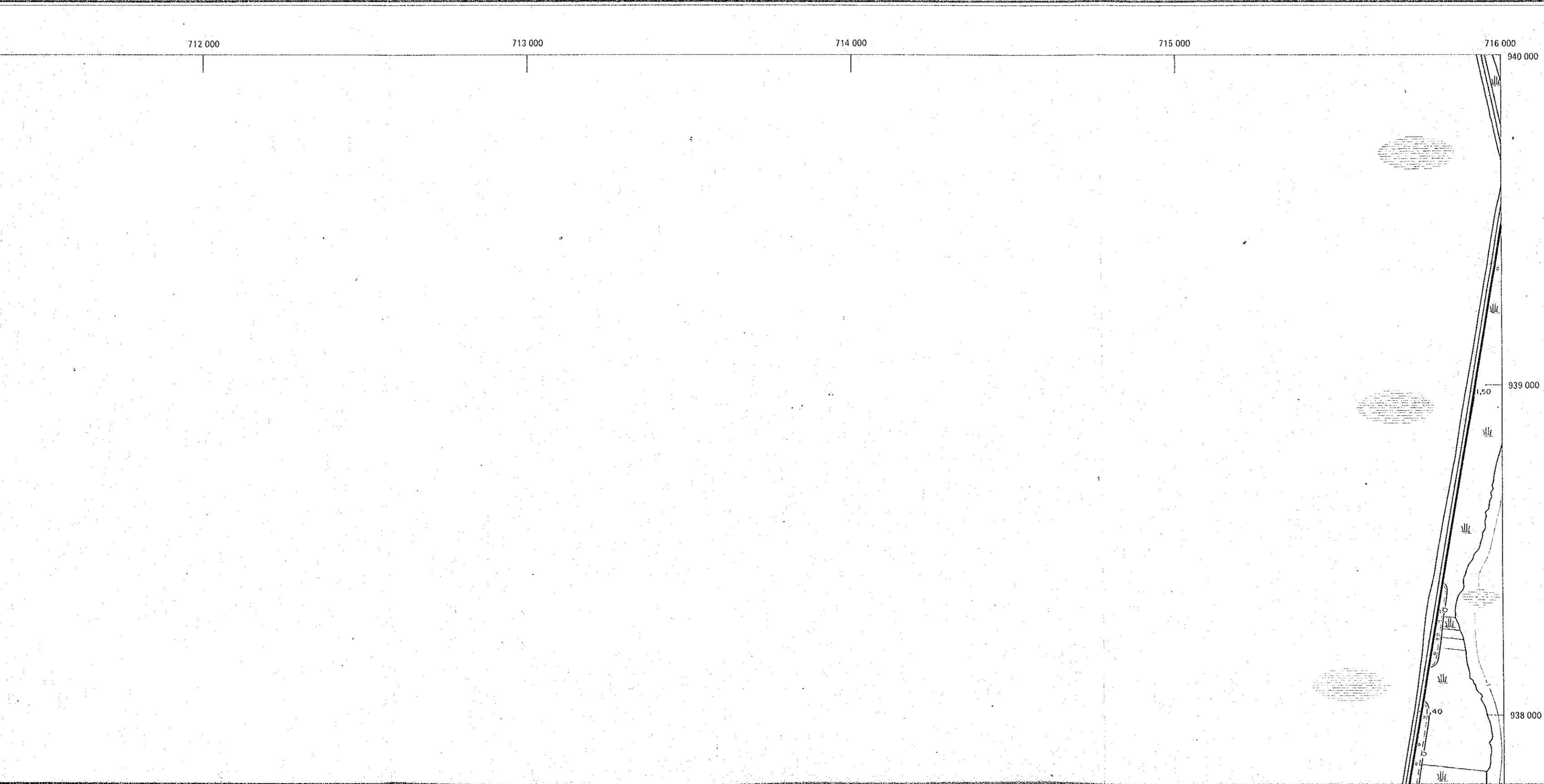
716 000

940 000

16-1	16-2	16-3	16-4
16-5	16-6	16-7	16-8
16-9	16-10	16-11	16-12
16-13	16-14	16-15	16-16

## LEGEND

- Hospital 
- Mosque 
- School 
- Cemetery 
- Highway 
- Paved road 

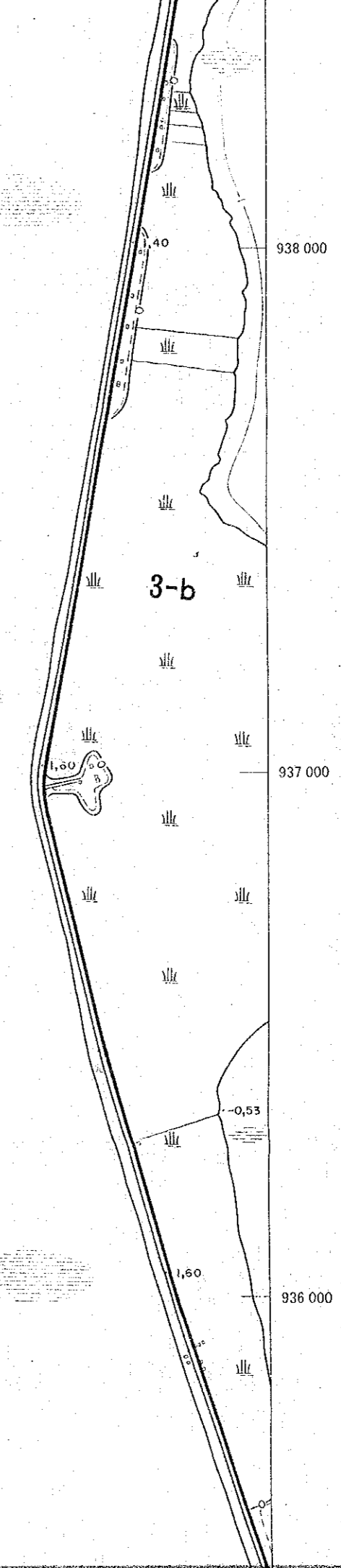


938 000

937 000

936 000

LEGEND



Hospital	C
Mosque	⊗
School	⌞
Cemetery	⋈
Highway	====
Paved road	====
Unpaved road	====
Small road	====
Track	----
Bridge	----
Bank	
Levee	----
Cultivation boundary	----
Marsh or swamp	
Waste area	
Lake	----
Private canal	----
Power line	----
Monument of traverse point and bench mark	△ NO.101 1,590
Monument of traverse point	△ NO.119
Temporary traverse point	▽ NO.119
Bench Mark	□ BM.4 1,631
Spot height	· 0,4
Levelling height	· 0,41
Contour	====

936 000

935 000

934 000

708 000

709 000

710 000

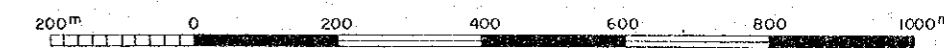
711 000

712 000

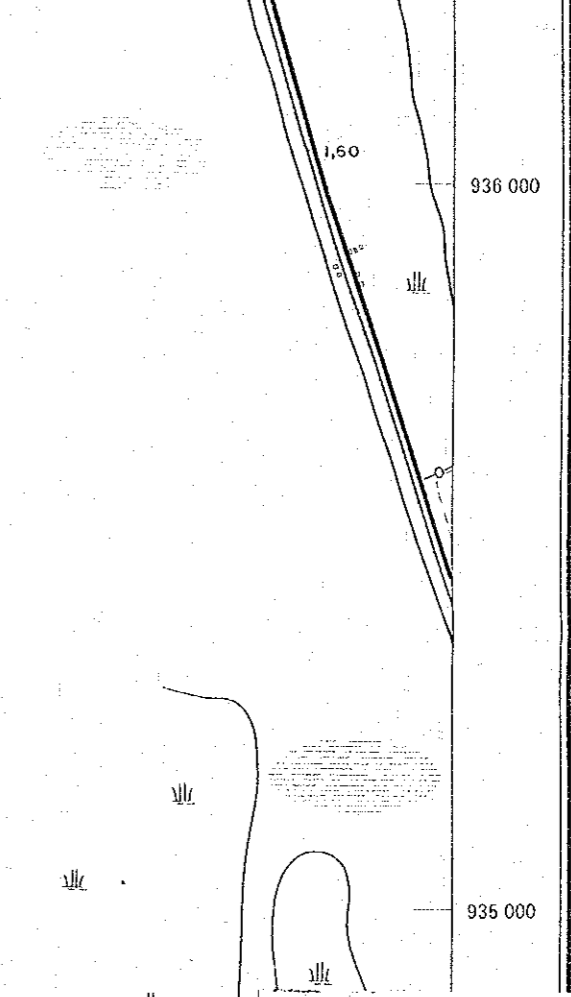
Projection : Transverse Mercator  
Spheroid : Helmeri 1906  
Origin : 30° N (810.000mN) 31° E (615.000mE)  
Grid Tables : Egypt Red Belt

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SCALE 1 : 10,000



Bench Mark □ 1,631  
 Spot height · 0,4  
 Levelling height · 0,41  
 Contour



10725

**LAND CAPABILITY CLASSIFICATION MAP**  
**LEGEND ( 5 )**

- 2 - a Relatively high production expected
- 2 - b So stable production as in 2-a
- 2 - bR High salt content appears in 2-b
- 3 - a Efforts to improve soil texture by scattering manure, increasing permeability and etc. are required
- 3 - aR High salt content appears in 3-a
- 3 - b Additional efforts to those in 3-a are required

712 000                      713 000                      714 000                      715 000

SCALE 1 : 10,000

