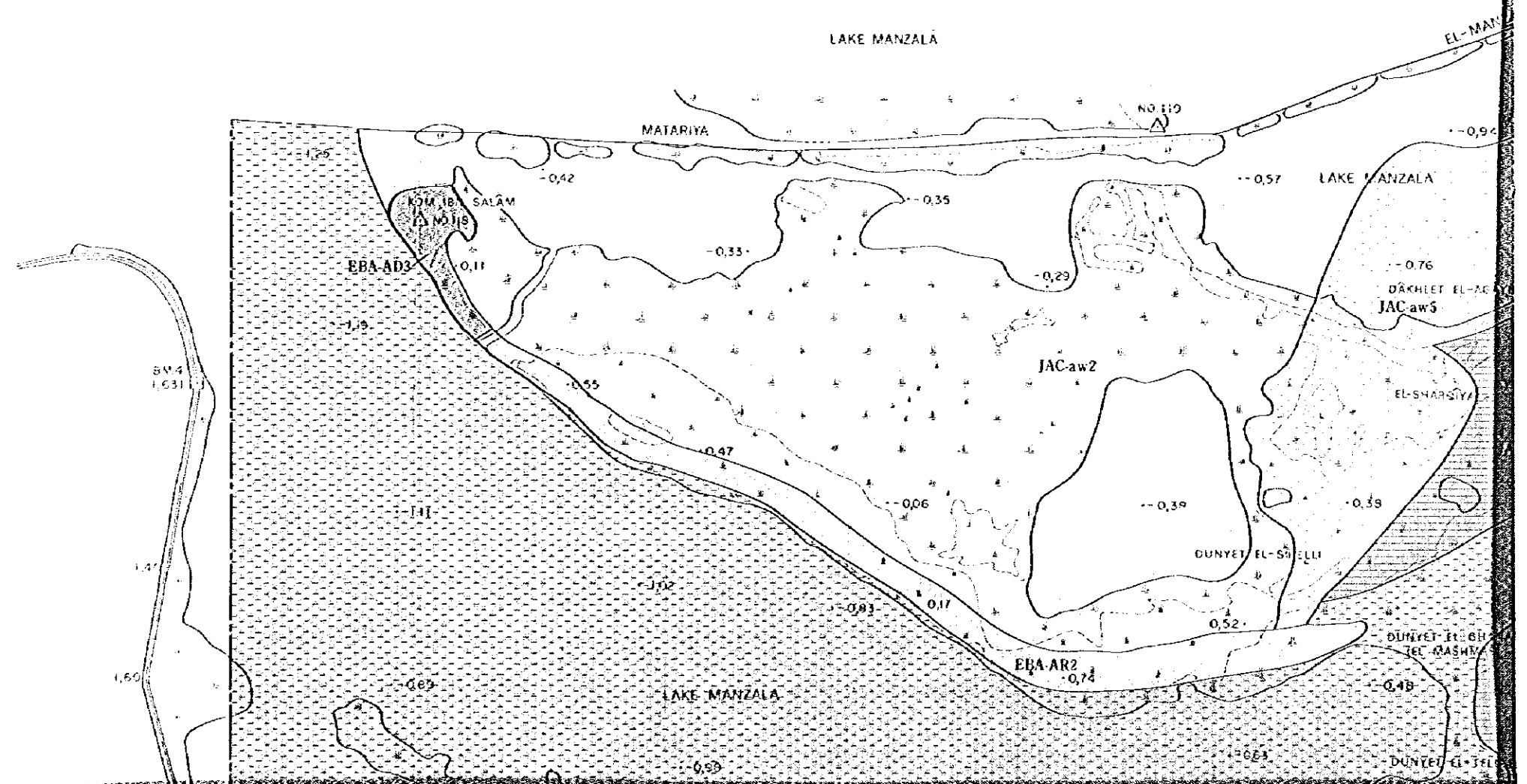
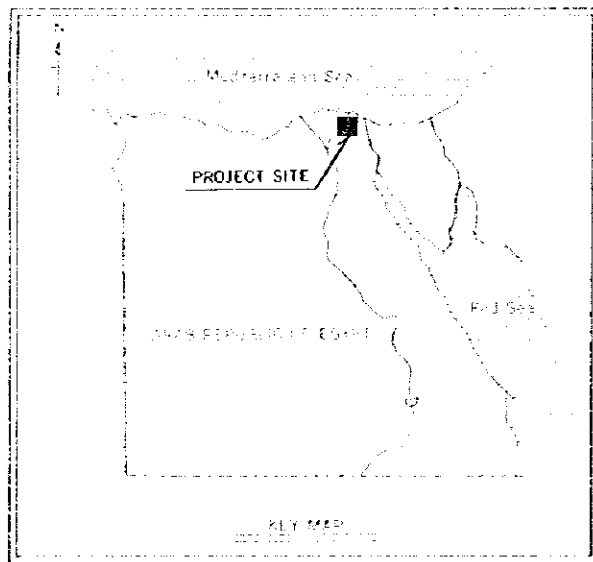


710 000 715 000 720 000 725 000

NORTH HUSSINIA VALLEY AND SOUTH PO AGRICULTURAL DEVELOPMENT PROJ SOIL MAP

SCALE 1:50,000

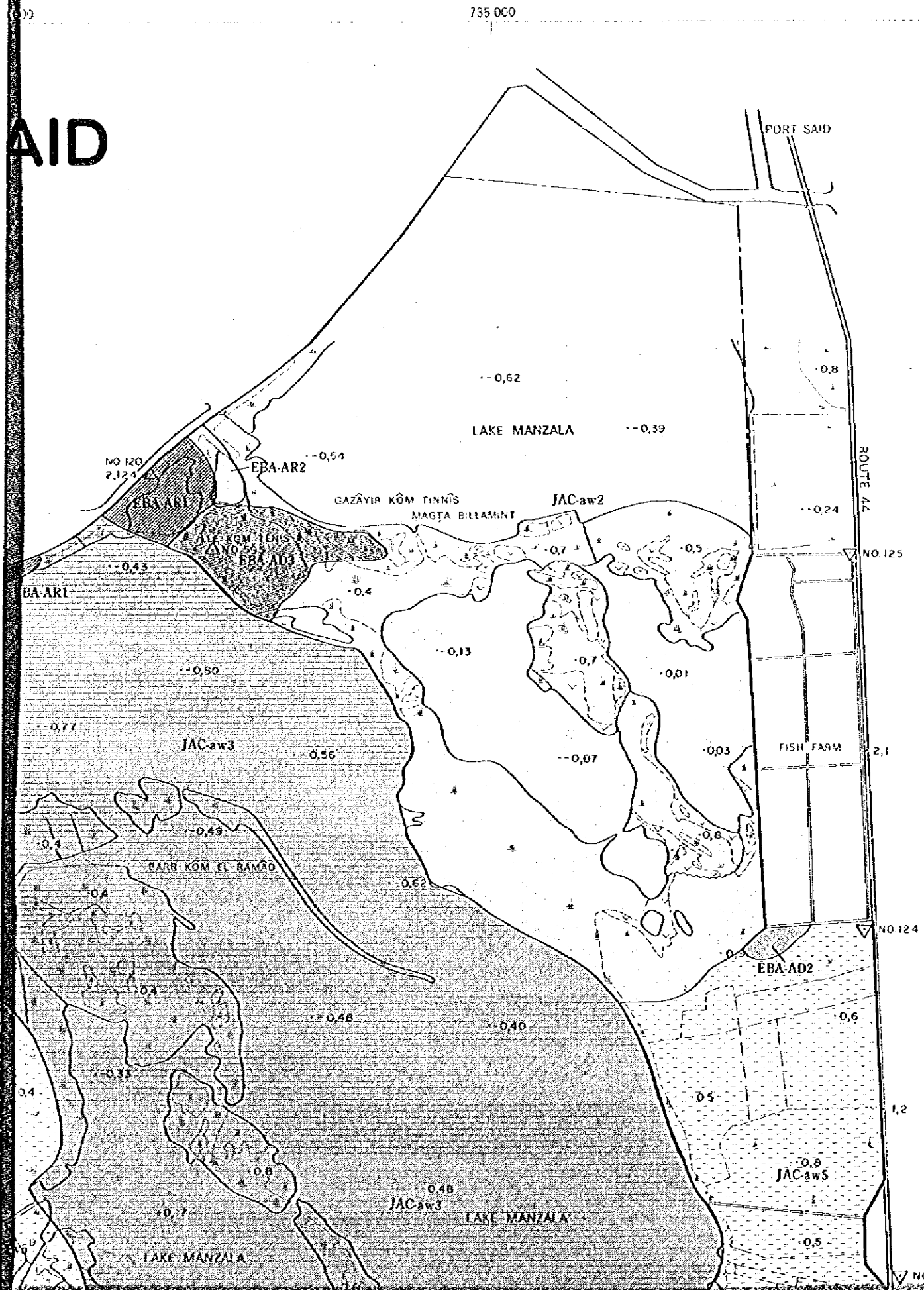


050 050

000 775

000 000


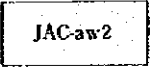
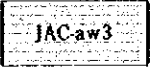

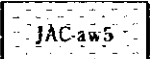
AID



LEGEND


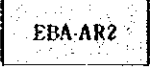



INUNDATED AREA Sulfic Hydroaquents

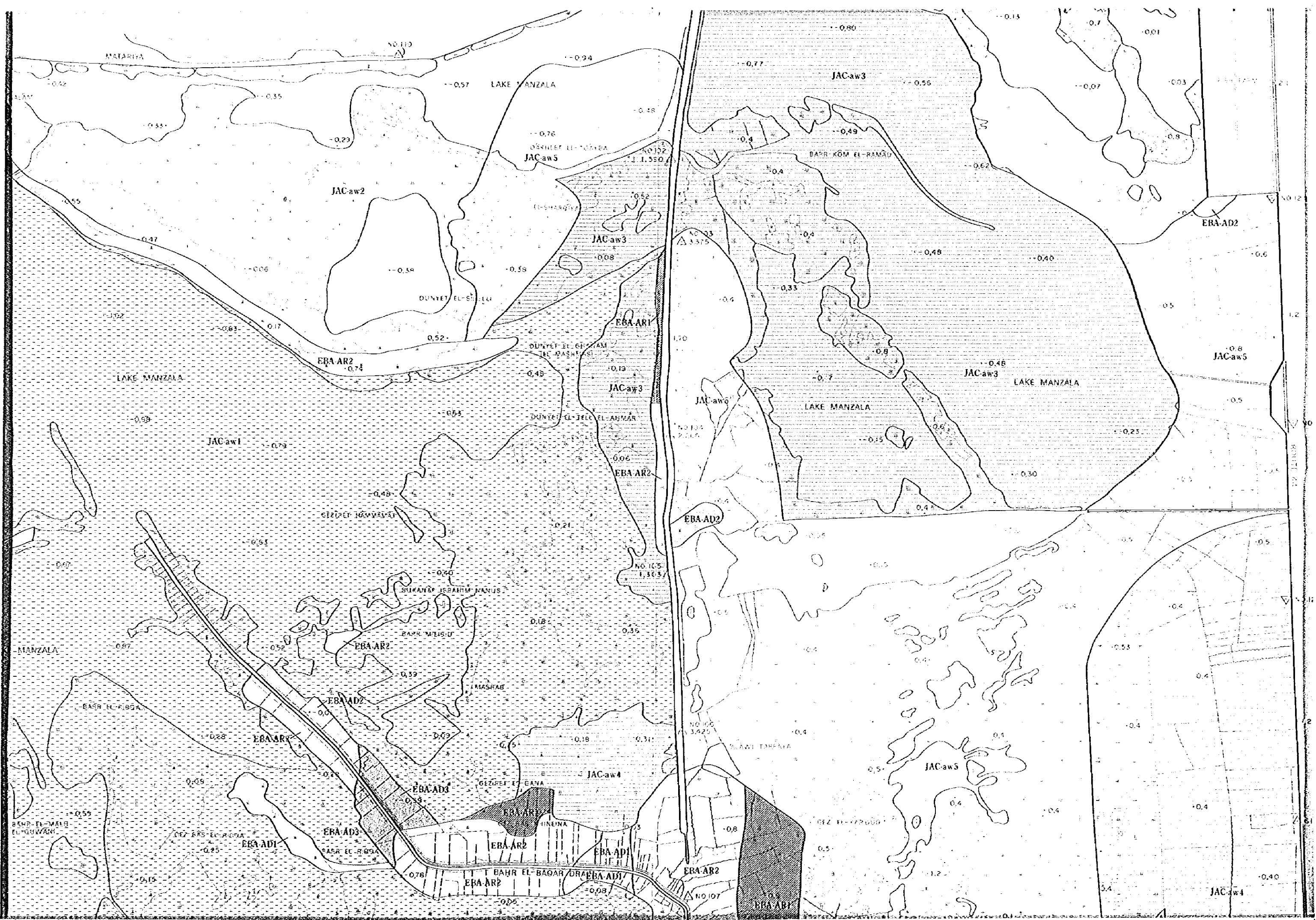
Soil Family

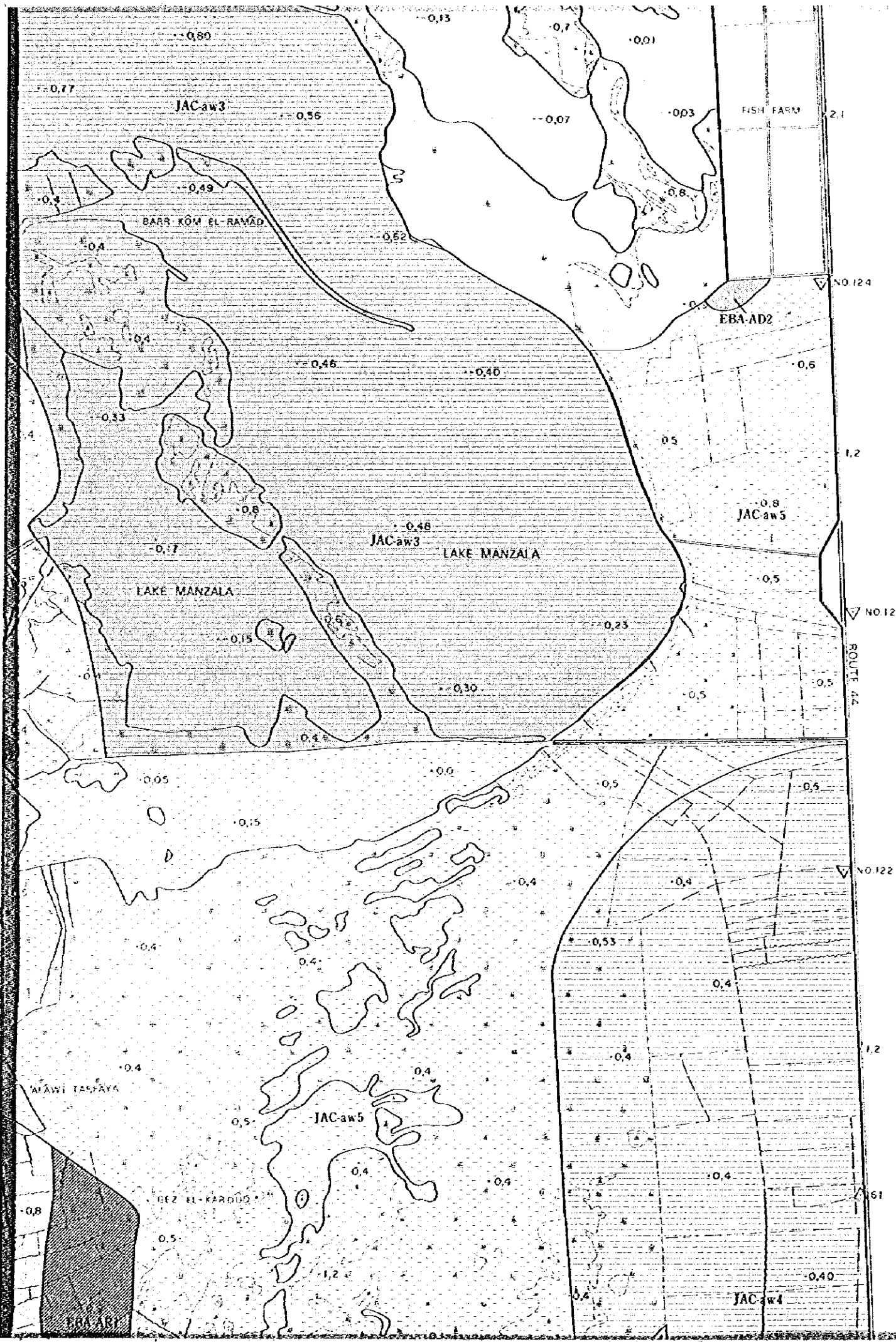
-  Thermic, clayey, montomorillonitic, with hard clayey soils
-  Thermic, loamy soils
-  Thermic, loamy over clayey, soils
-  Thermic, clayey, montomorillonitic, subsoil brown soils
-  Thermic, clayey, montomorillonitic, with deep zone

DRY LAND Typic Salorthids

Soil Family

-  Thermic, clayey, montomorillonitic, soils with very shallow reduced zone
-  Thermic, light clayey, montomorillonitic, soils with shallow reduced zone
-  Thermic, silty clayey, montomorillonitic, with moderately deep zone
-  Thermic, clayey, montomorillonitic, with deep zone
-  Thermic, silty clayey, montomorillonitic, soils with very deep zone





- JACaw3** Thermic, loamy over clayey, soils
- JACaw4** Thermic, clayey, montomorillonitic, subsoil brown soils
- JACaw5** 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-AD3-II** Thermic, clayey over hard clay, montomorillonitic, soils with very deep zone

LEGEND

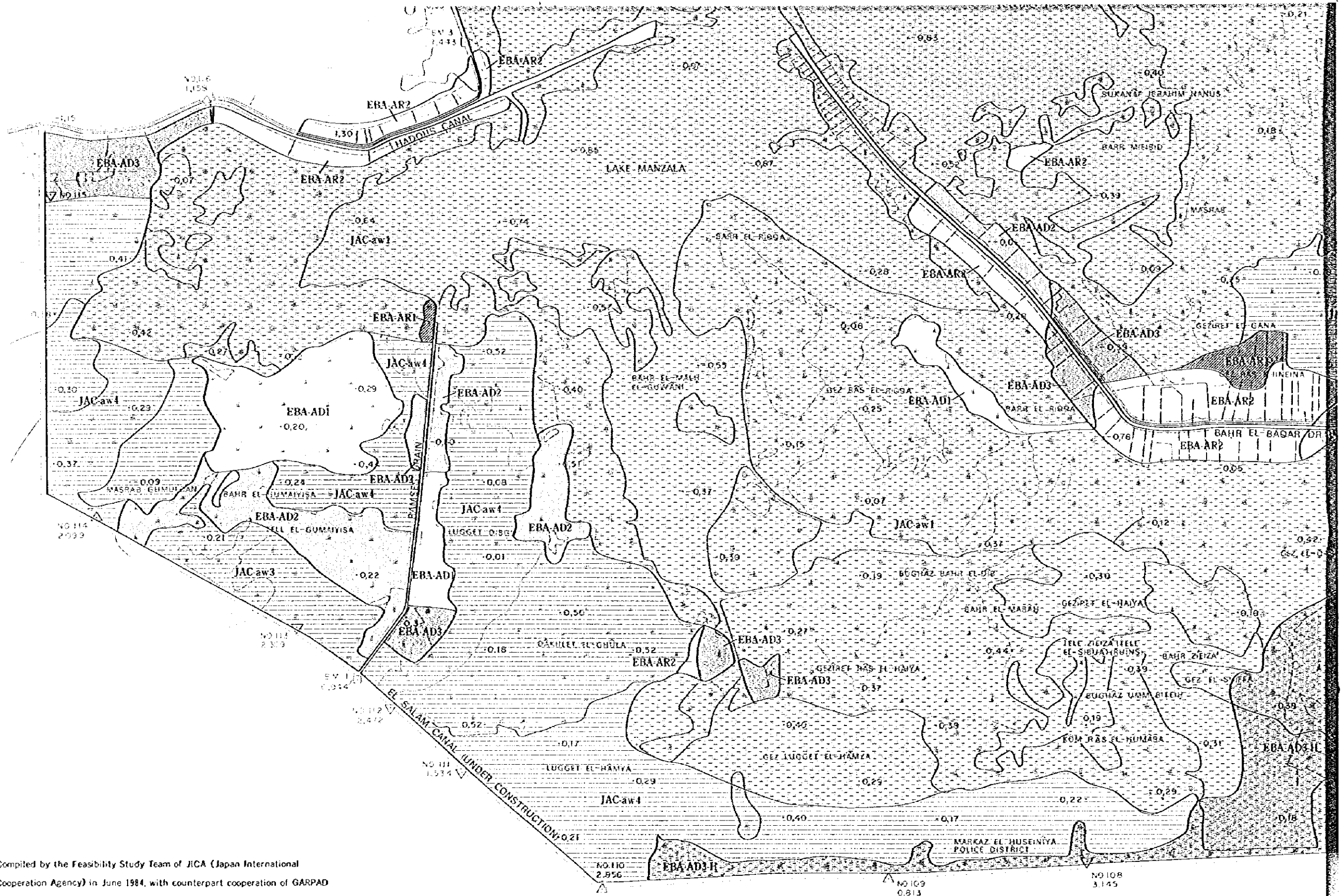
- Hospital
- Mosque
- Marsh or swamp
- Waste area

000 535

000 735

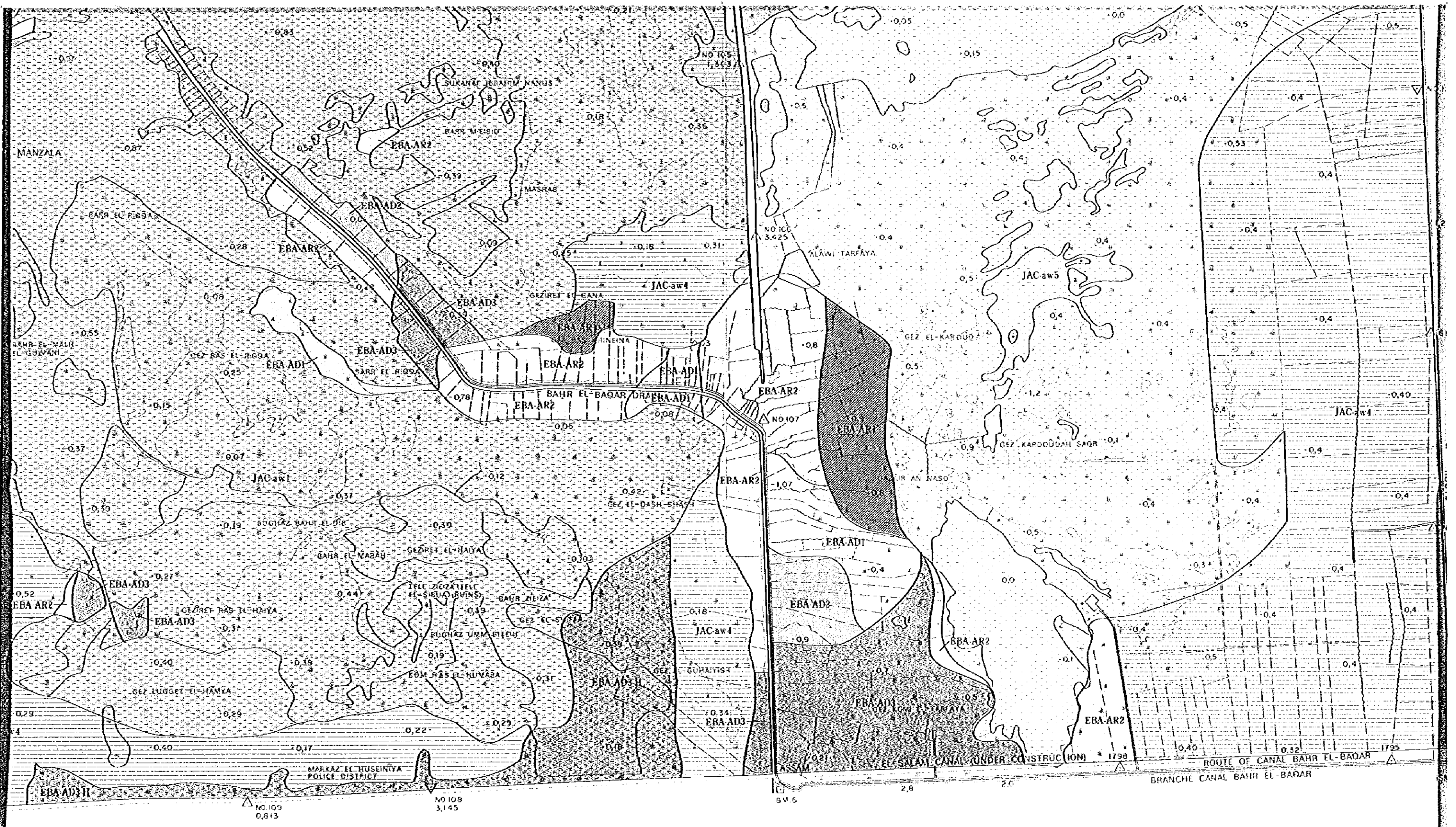
000 935

000 505



Compiled by the Feasibility Study Team of JICA (Japan International Cooperation Agency) in June 1984, with counterpart cooperation of GARPAD (General Authority for Rehabilitation Projects & Agricultural Development), ARAB REPUBLIC OF EGYPT.

000 155



720 000

725 000

730 000

735 000

MARKAZ EL-HUSEINIYA
POLICE DISTRICT

EL-SALAM CANAL (UNDER CONSTRUCTION)

ROUTE OF CANAL BAHR EL-BAQAR
BRANCHE CANAL BAHR EL-BAQAR

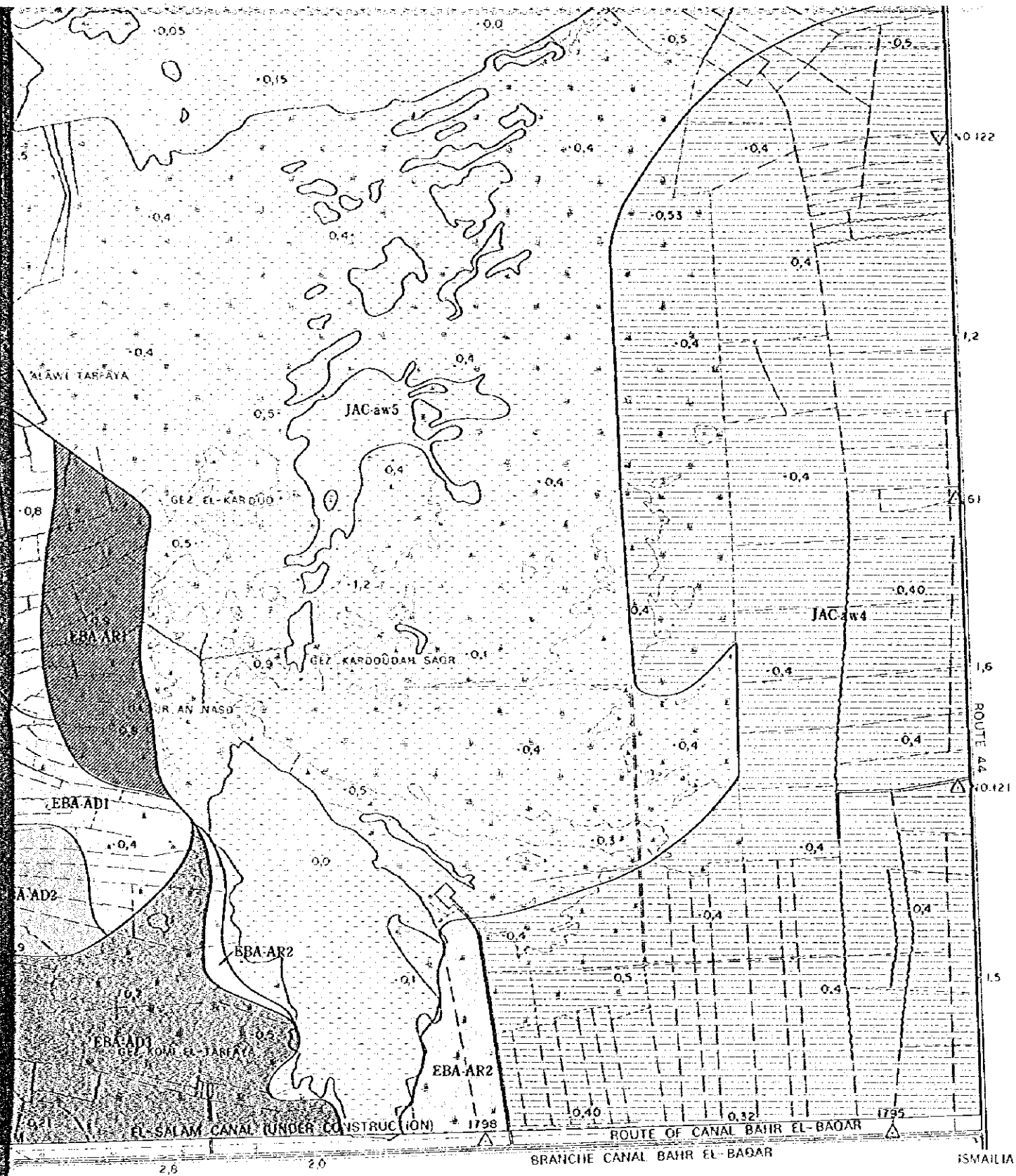
NO 109
0,813

NO 108
3,145

NO 107
1,07

1795

1798



LEGEND

Hospital		Marsh or swamp	
Mosque		Waste area	
School		Lake	
Cemetery		Private canal	
Highway		Power line	
Paved road		Monument of traverse point and bench mark	
Unpaved road		Monument of traverse point	
Small road		Temporary traverse point	
Track		Bench Mark	
Bridge		Spot height	
Bank		Levelling height	
Levee		Contour	
Cultivation boundary			

924 000

920 000

924 000

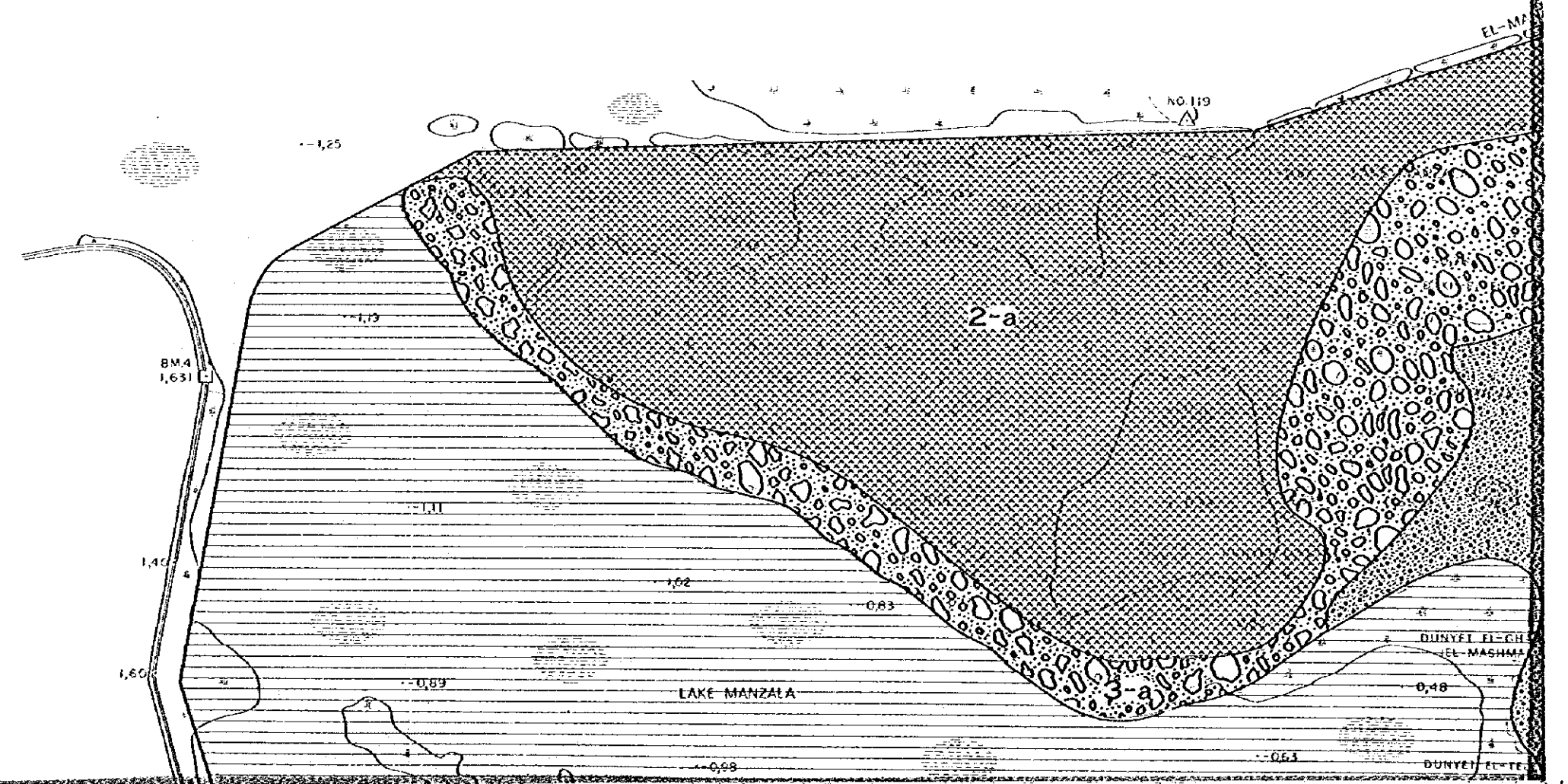
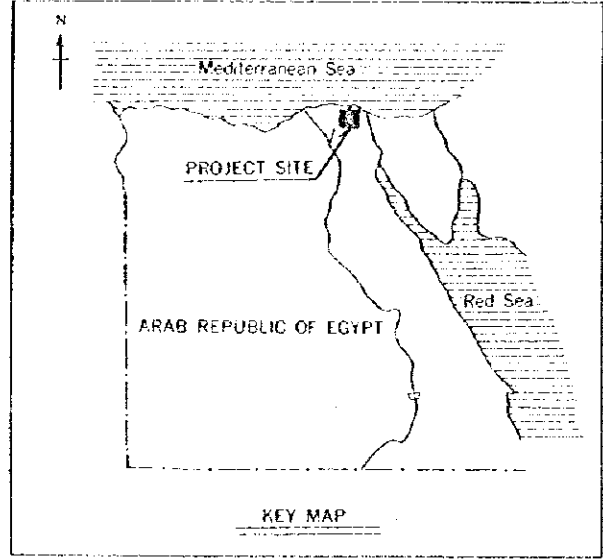
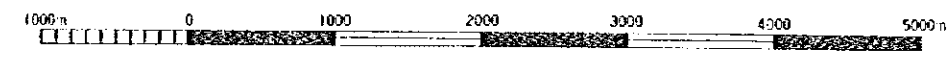
735 000

740 000

745 000

NORTH HUSSINIA VALLEY AND SOUTH PO AGRICULTURAL DEVELOPMENT PROJ LAND CAPABILITY CLASSIFICATIO

SCALE 1:50,000



545,000
544,000
543,000

710,000 715,000 720,000 725,000

723,000

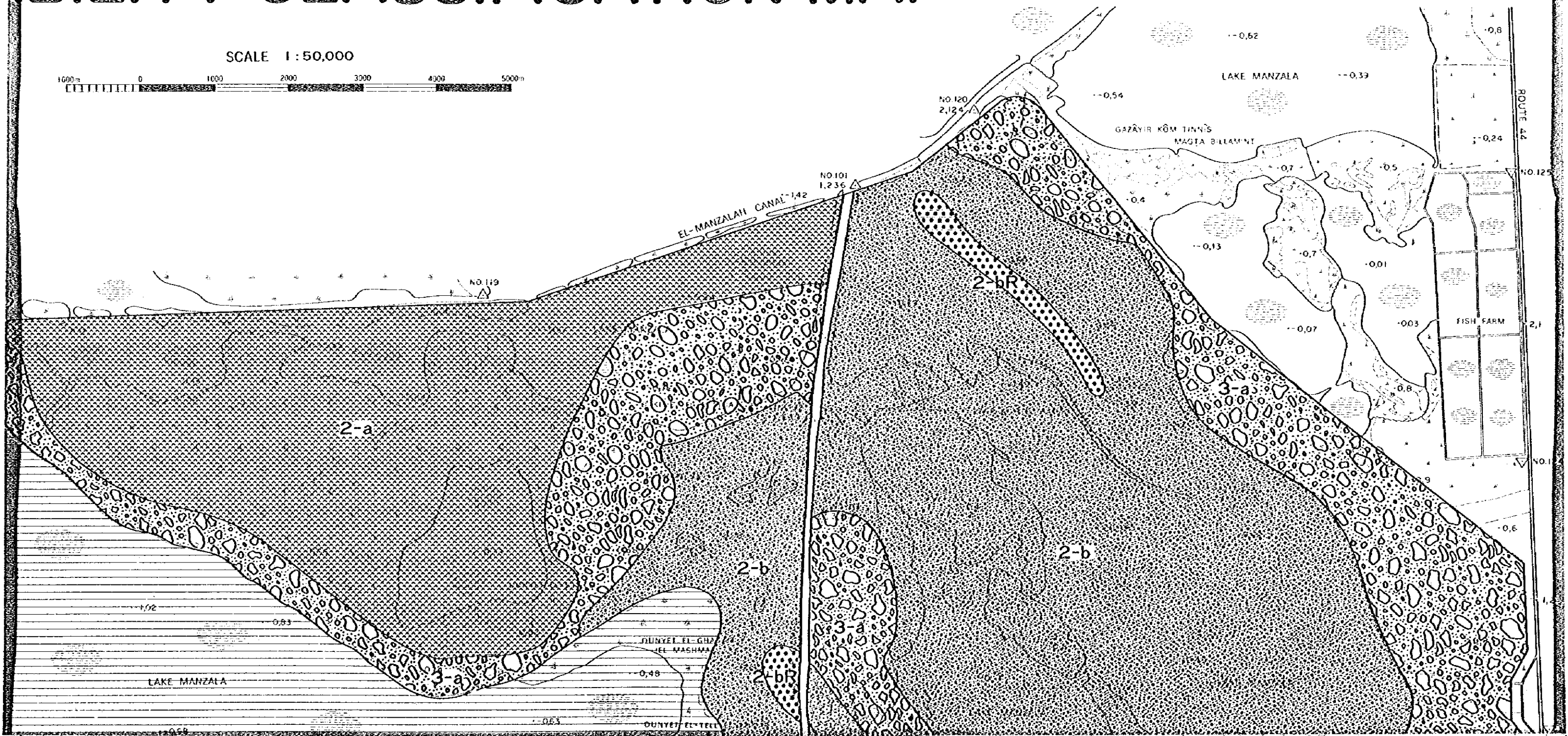
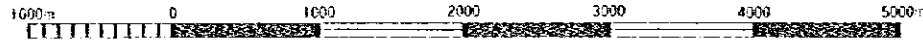
725,000

730,000

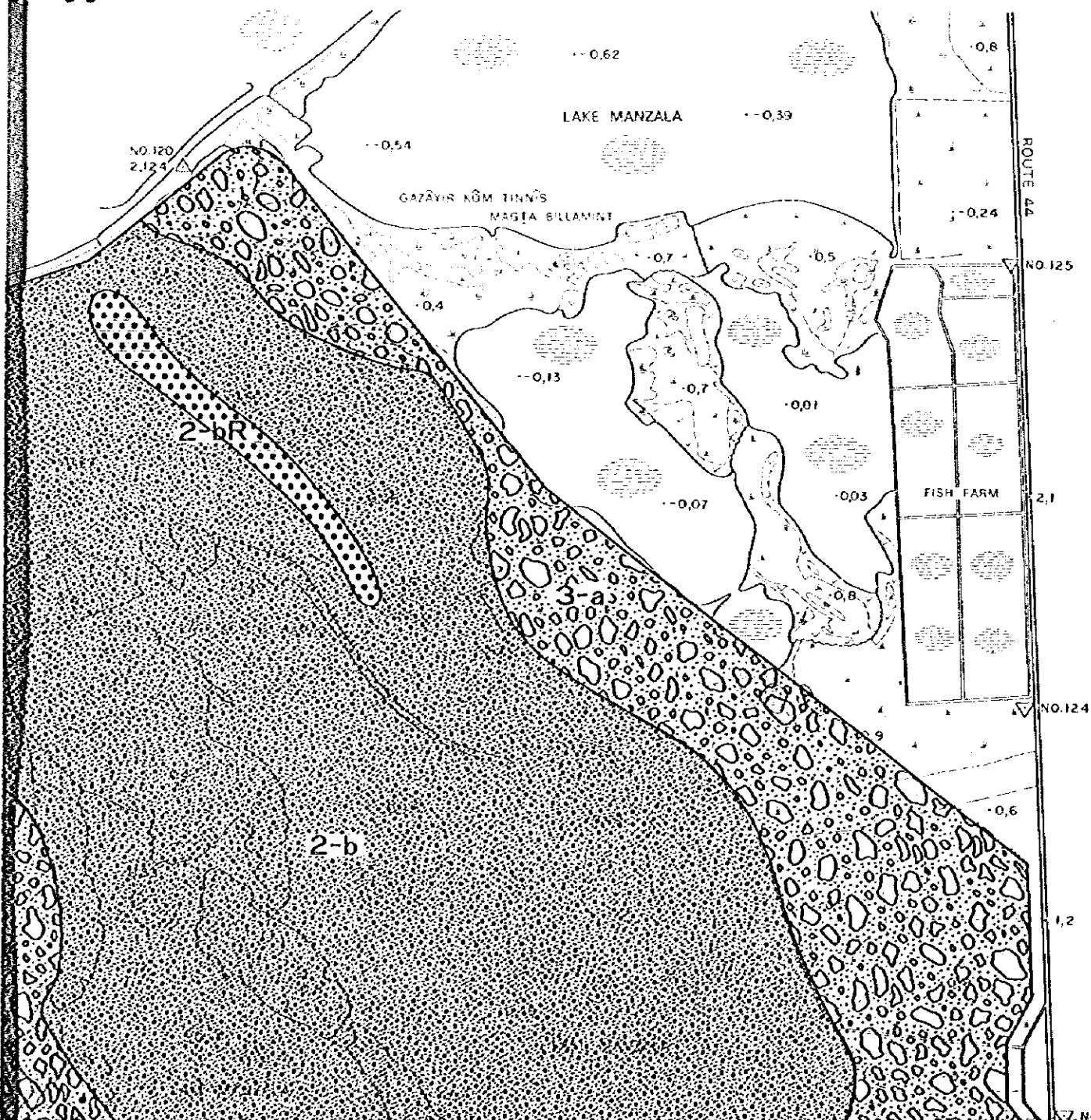
735,000

NIA VALLEY AND SOUTH PORT SAID RURAL DEVELOPMENT PROJECT ABILITY CLASSIFICATION MAP

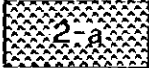
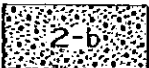
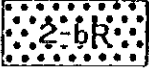
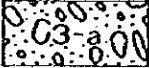
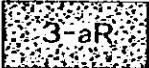
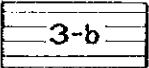
SCALE 1:50,000

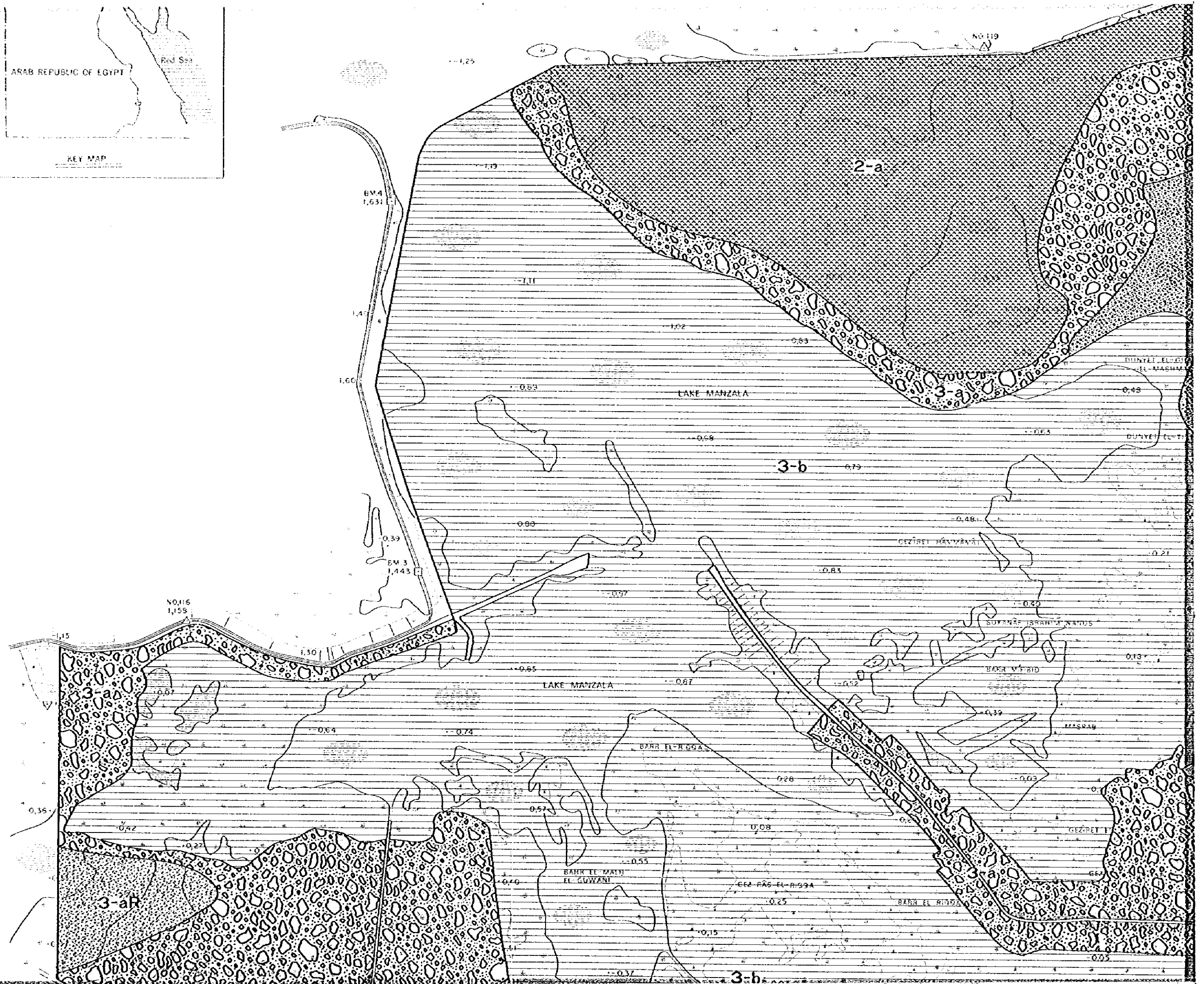
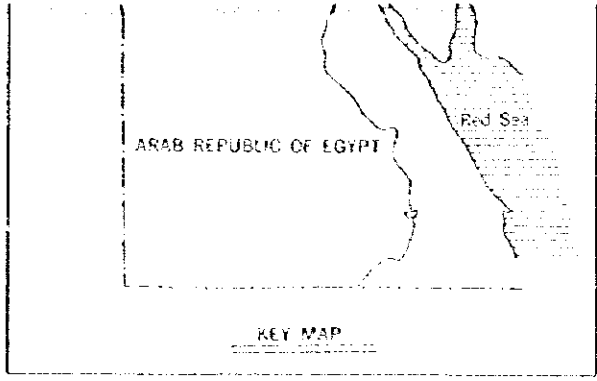


MAP



LEGEND

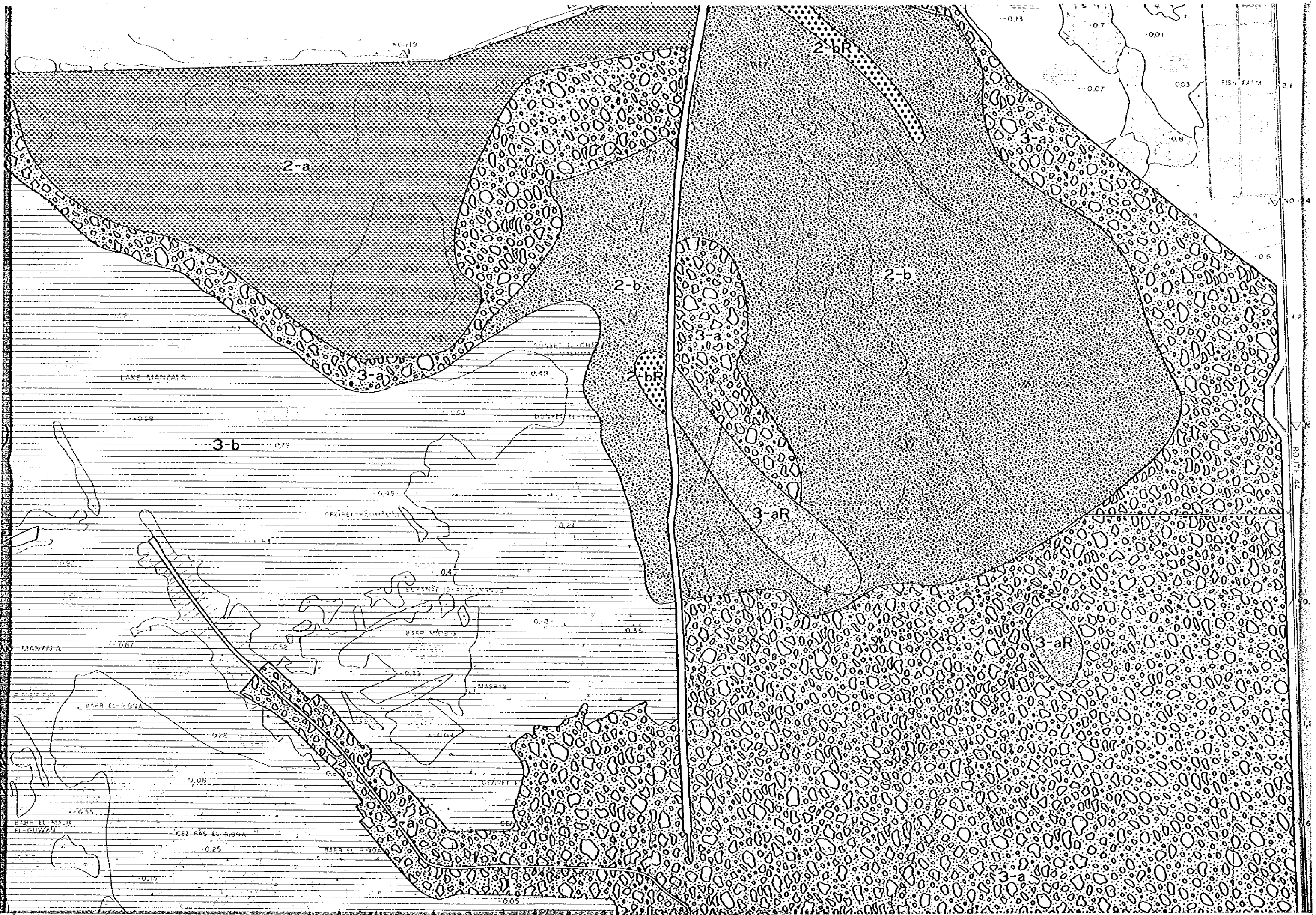
-  2-a Relatively high production expected
-  2-b So stable production as in 2-a
-  2-bR High salt content appears in 2-b
-  3-a Efforts to improve soil texture by scattering manure, increasing permeability and etc. are required
-  3-aR High salt content appears in 3-a
-  3-b Additional efforts to those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



000 565

000 565

000 565



NO 119

2-a

2-b

2-b

3-a

3-aR

3-b

3-aR

3-aR

LAKE MANZALA

FISH FARM

SCALE 1:42

MANZALA

BABR EL NAHJ
EL-GUYZANI

CEZ CAS EL-RISQA

BABR EL-RISQA

GEZRET E

GEZ

MASARA

BABR VABO

BABR EL-RISQA

GEZRET RASMANI

GEZRET EL-SHAI

EL-MASARA

DUNYAT

0.13

0.7

0.01

0.07

0.03

0.6

0.6

1.2

0.77

0.53

0.69

0.79

0.45

0.49

0.21

0.63

0.47

0.78

0.36

0.67

0.52

0.39

0.76

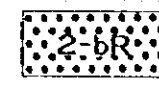
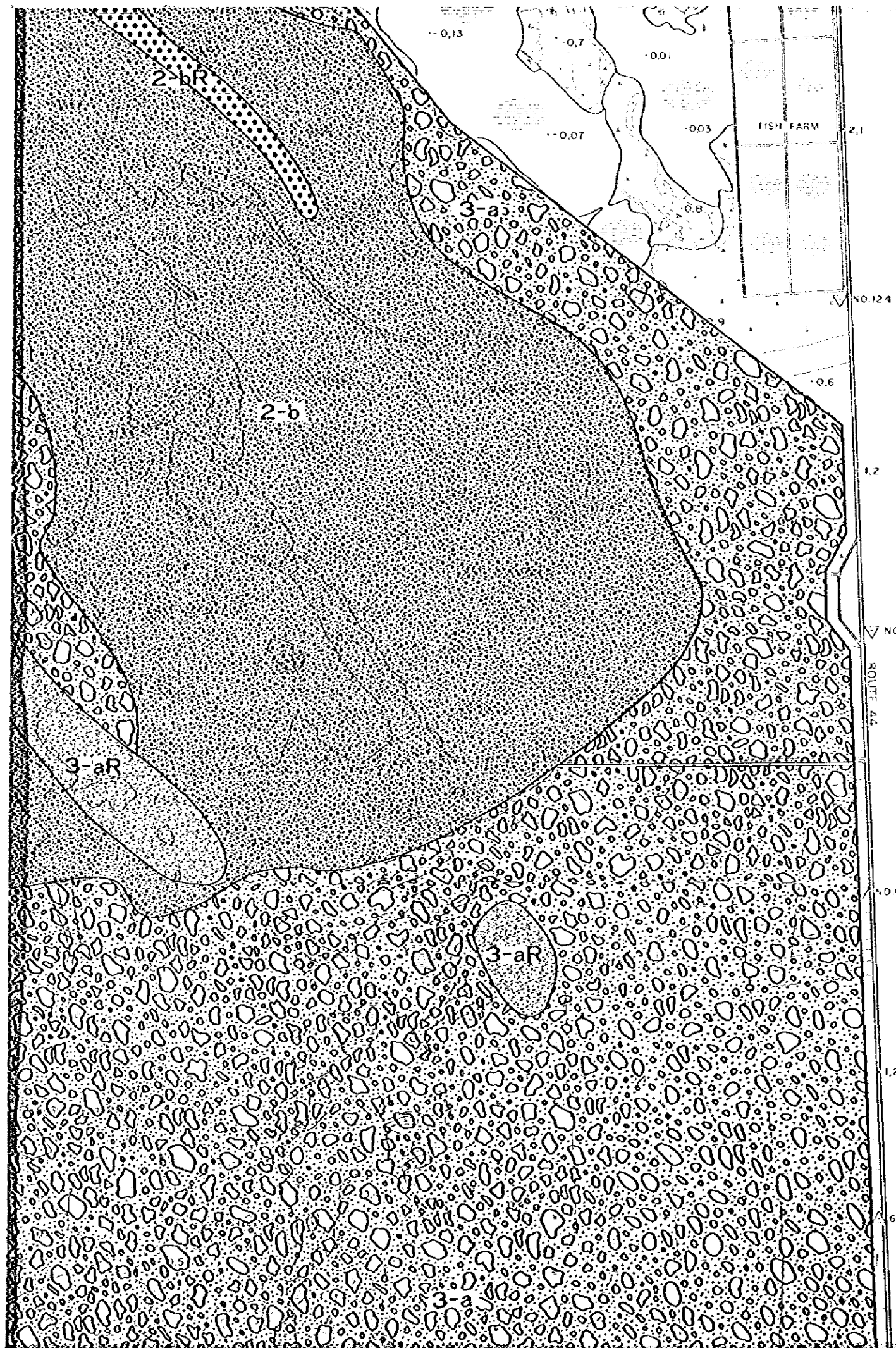
0.63

0.05

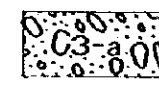
0.55

0.19

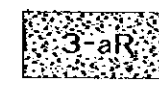
0.05



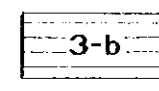
High salt content appears in 2-b



Efforts to improve soil texture by scattering manure, increasing permeability and etc. are required



High salt content appears in 3-a



Additional efforts to those in 3-a are required

LEGEND

Hospital

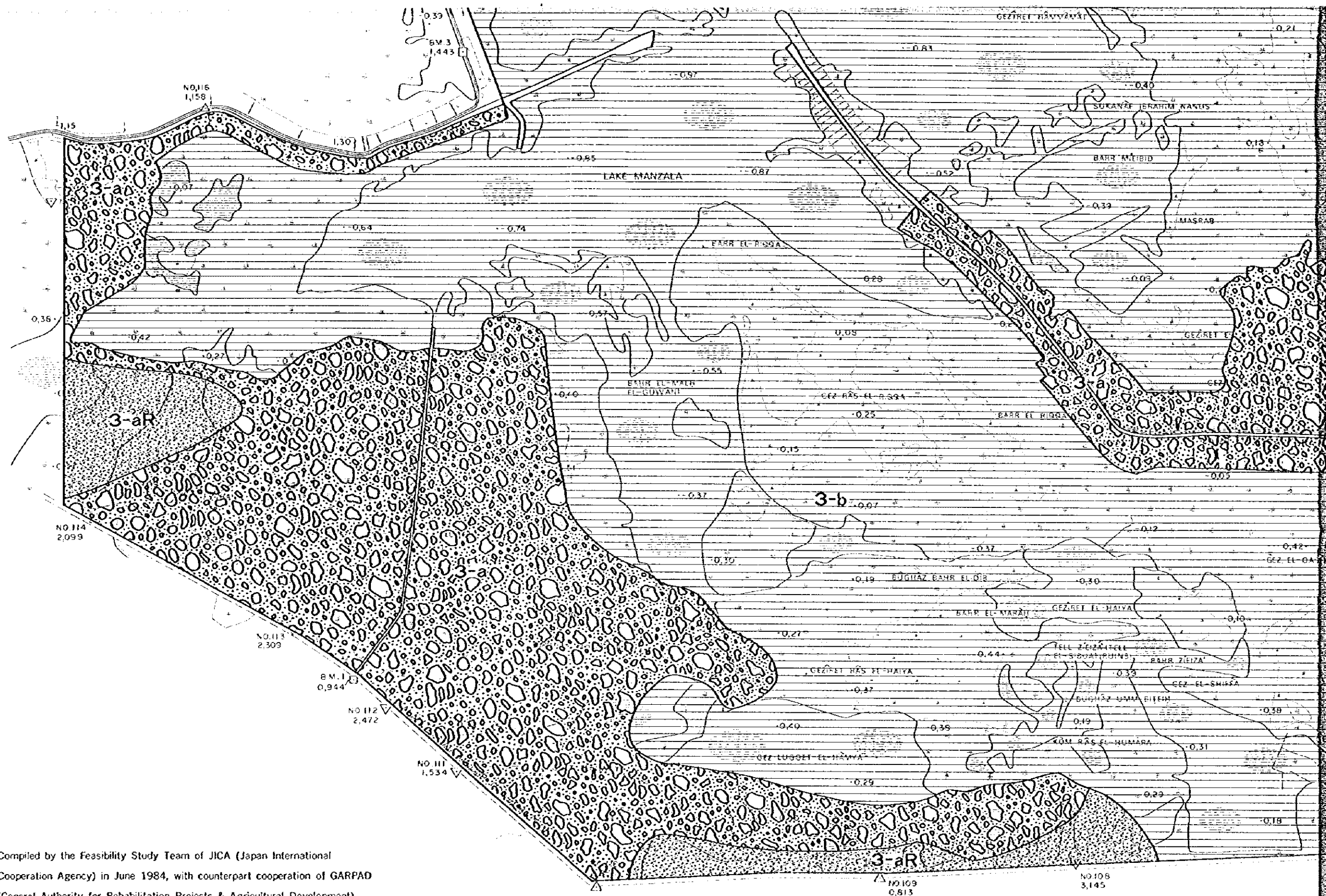


Marsh or swamp

000' 705

000' 626

000' 705



Compiled by the Feasibility Study Team of JICA (Japan International Cooperation Agency) in June 1984, with counterpart cooperation of GARPAD (General Authority for Rehabilitation Projects & Agricultural Development).
 ARAB REPUBLIC OF EGYPT

710,000

715,000

720,000

725,000



3-b

3-aR

3-aR

3-aR

10109
0.813

10108
3.145

2.6

2.8

2.6

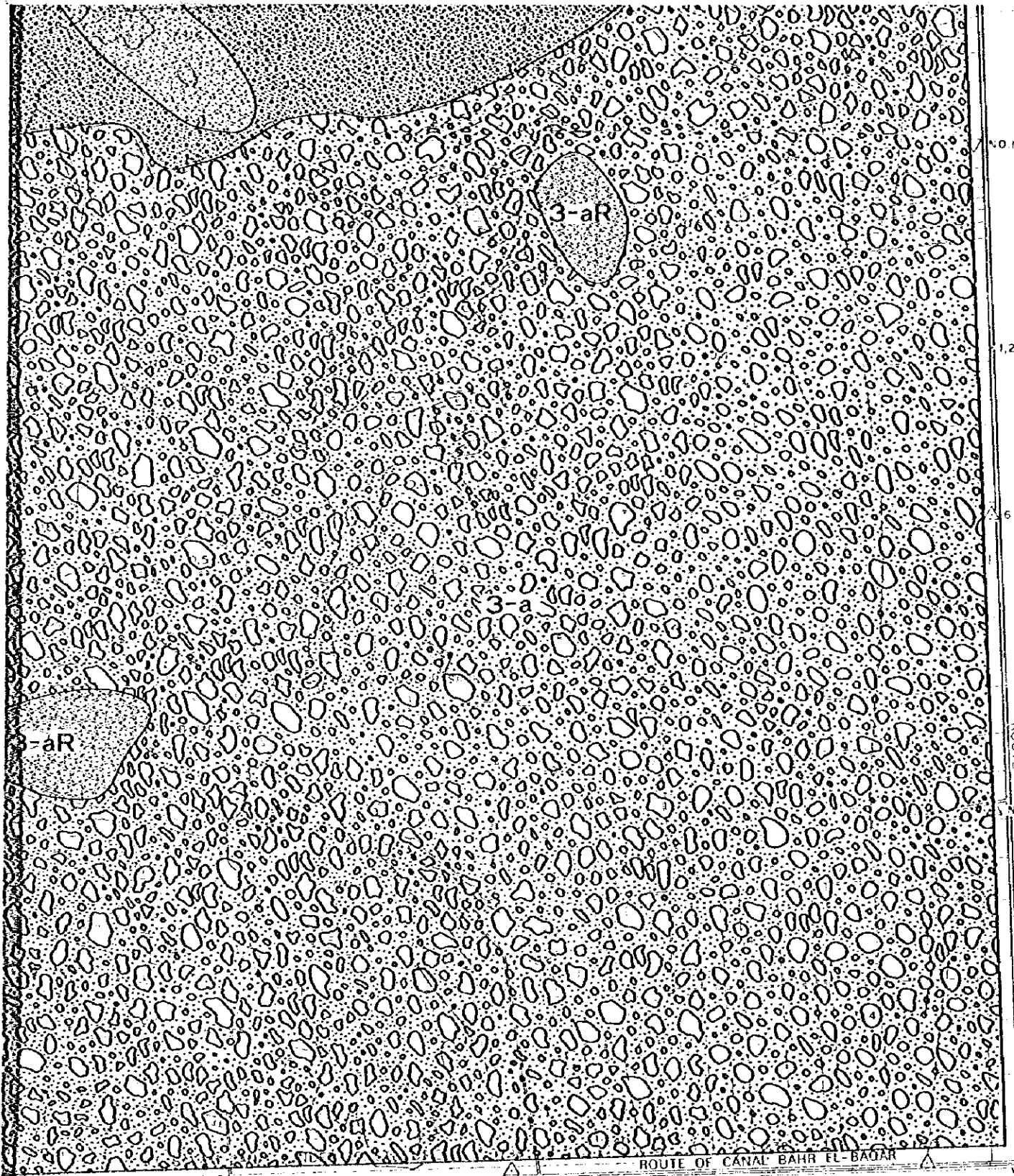
ROUTE OF CANAL BAHR EL-BASAR
BRANCHE CANAL BAHR EL-BASAR

72,300

725,000

725,000

725,000



1,510,000
1,505,000
1,500,000
1,495,000
1,490,000
1,485,000
1,480,000
1,475,000
1,470,000
1,465,000
1,460,000
1,455,000
1,450,000
1,445,000
1,440,000
1,435,000
1,430,000
1,425,000
1,420,000
1,415,000
1,410,000
1,405,000
1,400,000
1,395,000
1,390,000
1,385,000
1,380,000
1,375,000
1,370,000
1,365,000
1,360,000
1,355,000
1,350,000
1,345,000
1,340,000
1,335,000
1,330,000
1,325,000
1,320,000
1,315,000
1,310,000
1,305,000
1,300,000
1,295,000
1,290,000
1,285,000
1,280,000
1,275,000
1,270,000
1,265,000
1,260,000
1,255,000
1,250,000
1,245,000
1,240,000
1,235,000
1,230,000
1,225,000
1,220,000
1,215,000
1,210,000
1,205,000
1,200,000
1,195,000
1,190,000
1,185,000
1,180,000
1,175,000
1,170,000
1,165,000
1,160,000
1,155,000
1,150,000
1,145,000
1,140,000
1,135,000
1,130,000
1,125,000
1,120,000
1,115,000
1,110,000
1,105,000
1,100,000
1,095,000
1,090,000
1,085,000
1,080,000
1,075,000
1,070,000
1,065,000
1,060,000
1,055,000
1,050,000
1,045,000
1,040,000
1,035,000
1,030,000
1,025,000
1,020,000
1,015,000
1,010,000
1,005,000
1,000,000
995,000
990,000
985,000
980,000
975,000
970,000
965,000
960,000
955,000
950,000
945,000
940,000
935,000
930,000
925,000
920,000
915,000
910,000
905,000
900,000
895,000
890,000
885,000
880,000
875,000
870,000
865,000
860,000
855,000
850,000
845,000
840,000
835,000
830,000
825,000
820,000
815,000
810,000
805,000
800,000
795,000
790,000
785,000
780,000
775,000
770,000
765,000
760,000
755,000
750,000
745,000
740,000
735,000
730,000
725,000
720,000
715,000
710,000
705,000
700,000
695,000
690,000
685,000
680,000
675,000
670,000
665,000
660,000
655,000
650,000
645,000
640,000
635,000
630,000
625,000
620,000
615,000
610,000
605,000
600,000
595,000
590,000
585,000
580,000
575,000
570,000
565,000
560,000
555,000
550,000
545,000
540,000
535,000
530,000
525,000
520,000
515,000
510,000
505,000
500,000
495,000
490,000
485,000
480,000
475,000
470,000
465,000
460,000
455,000
450,000
445,000
440,000
435,000
430,000
425,000
420,000
415,000
410,000
405,000
400,000
395,000
390,000
385,000
380,000
375,000
370,000
365,000
360,000
355,000
350,000
345,000
340,000
335,000
330,000
325,000
320,000
315,000
310,000
305,000
300,000
295,000
290,000
285,000
280,000
275,000
270,000
265,000
260,000
255,000
250,000
245,000
240,000
235,000
230,000
225,000
220,000
215,000
210,000
205,000
200,000
195,000
190,000
185,000
180,000
175,000
170,000
165,000
160,000
155,000
150,000
145,000
140,000
135,000
130,000
125,000
120,000
115,000
110,000
105,000
100,000
95,000
90,000
85,000
80,000
75,000
70,000
65,000
60,000
55,000
50,000
45,000
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0,000

LEGEND

Hospital	☾	Marsh or swamp	⋯
Mosque	⊖	Waste area	⋯
School	▶	Lake	⊖
Cemetery	⋈	Private canal	┌───┐
Highway	═══	Power line	—□—□—
Paved road	═══	Monument of traverse point and bench mark	△ NO 101 1,550
Unpaved road	═══	Monument of traverse point	△ NO 119
Small road	═══	Temporary traverse point	▽ NO 119
Track	═══	Bench Mark	BM 4 1,531
Bridge	═══	Spot height	- 0,4
Bank	═══	Levelling height	- 0,41
Levee	═══	Contour	—0— —1— —1—
Cultivation boundary	⊖		

735,000 740,000 745,000 750,000

JICA