

Index: 55

Survey Date: 2022/08/03

Governorate: Beni Suef

Sub-Region: Abo Shosha (Outside)

Latitude: 28.7836

Longitude: 30.8165

**Target Crop**

Season	Crop
2021/2022	Cotton
2020/2021	Cucumber
2019/2020	Maize

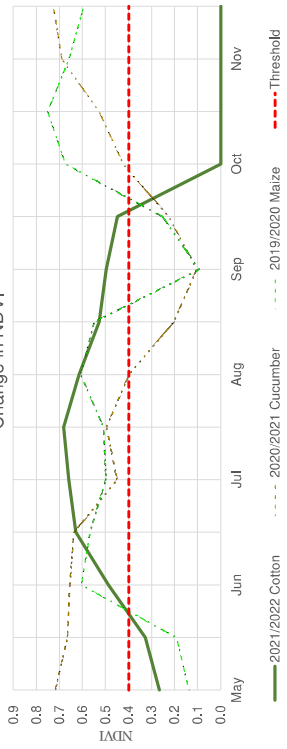
Picture (Age of Crop: 3 - 4 months)



**Change in NDVI**

Period	2020	2021	2022
May I	0.14	0.72	0.27
May II	0.19	0.67	0.33
Jun I	0.61	0.66	0.49
Jun II	0.57	0.64	0.63
Jul I	0.50	0.45	0.66
Jul II	0.51	0.50	0.68
Aug I	0.61	0.40	0.61
Aug II	0.55	0.20	0.53
Sep I	0.09	0.10	0.50
Sep II	0.25	0.23	0.45
Oct I	0.67	0.42	-
Oct II	0.75	0.53	-
Nov I	0.66	0.69	-
Nov II	0.59	0.73	-
Max	0.75	0.73	0.68
Threshold	0.40		
Verdict	OK	OK	OK

**Change in NDVI**



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Survey Date: 2022/08/03

Governorate: Beni Suef

Sub-Region: Abo Shosha (Inside)

Latitude: 28.84624

Longitude: 30.80975

**Target Crop**

Season	Crop
2021/2022	Corn
2020/2021	Corn
2019/2020	Corn

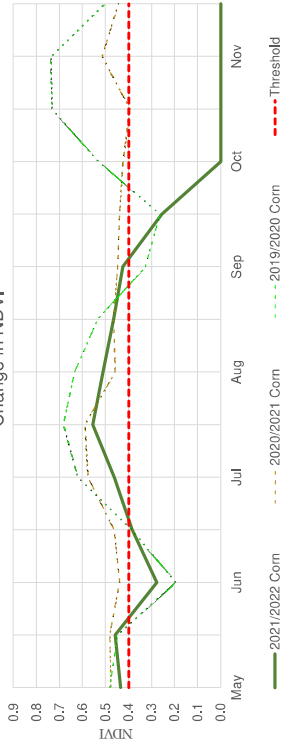
Picture (Age of Crop: 2 - 3 months)



**Change in NDVI**

Period	2020	2021	2022
May I	0.48	0.48	0.43
May II	0.45	0.48	0.46
Jun I	0.20	0.44	0.28
Jun II	0.39	0.46	0.38
Jul I	0.62	0.58	0.46
Jul II	0.68	0.59	0.55
Aug I	0.63	0.46	0.51
Aug II	0.54	0.47	0.46
Sep I	0.33	0.45	0.42
Sep II	0.26	0.44	0.25
Oct I	0.53	0.42	-
Oct II	0.73	0.39	-
Nov I	0.74	0.52	-
Nov II	0.50	0.45	-
Max	0.74	0.59	0.55
Threshold	0.40		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 57

Survey Date: 2022/08/04

Governorate: Beni Suef

Sub-Region: Abo Shosha (Inside)

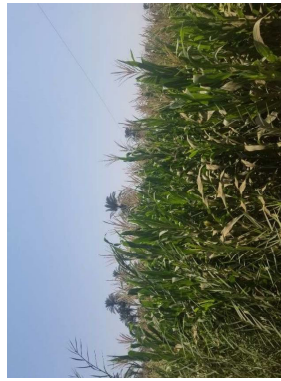
Latitude: 28.84597

Longitude: 30.80943

**Target Crop**

Season	Crop
2021/2022	Corn
2020/2021	Corn
2019/2020	Corn

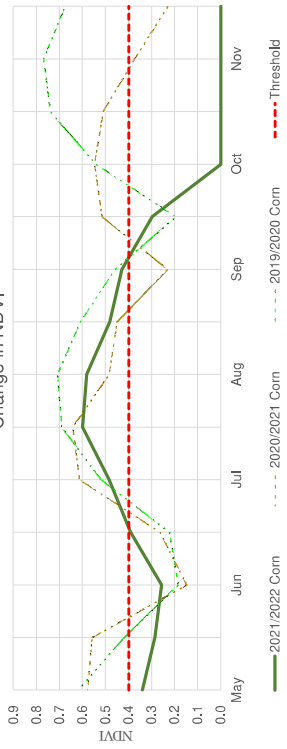
Picture (Age of Crop: 3 - 4 months)



**Change in NDVI**

Period	2020	2021	2022
May I	0.62	0.58	0.34
May II	0.42	0.56	0.28
Jun I	0.18	0.15	0.26
Jun II	0.22	0.26	0.39
Jul I	0.52	0.61	0.48
Jul II	0.69	0.64	0.60
Aug I	0.71	0.48	0.58
Aug II	0.61	0.45	0.48
Sep I	0.46	0.23	0.43
Sep II	0.20	0.52	0.30
Oct I	0.54	0.55	-
Oct II	0.74	0.51	-
Nov I	0.77	0.37	-
Nov II	0.68	0.23	-
Max	0.77	0.64	0.60
Threshold	0.40		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 58

Survey Date: 2022/08/04

Governorate: Beni Suef

Sub-Region: Abo Shosha (Inside)

Latitude: 28.87159

Longitude: 30.81242

**Target Crop**

Season	Crop
2021/2022	Corn
2020/2021	Corn
2019/2020	Corn

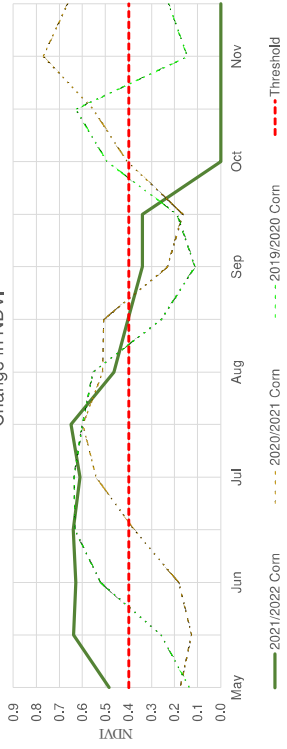
Picture (Age of Crop: 2 - 3 months)



**Change in NDVI**

Period	2020	2021	2022
May I	0.14	0.18	0.48
May II	0.26	0.13	0.64
Jun I	0.52	0.18	0.63
Jun II	0.63	0.38	0.64
Jul I	0.64	0.54	0.61
Jul II	0.60	0.60	0.65
Aug I	0.56	0.51	0.46
Aug II	0.26	0.51	0.40
Sep I	0.11	0.23	0.34
Sep II	0.19	0.16	0.34
Oct I	0.49	0.41	-
Oct II	0.63	0.56	-
Nov I	0.15	0.77	-
Nov II	0.23	0.67	-
Max	0.64	0.77	0.65
Threshold	0.40		
Verdict	OK	OK	OK

**Change in NDVI**



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Survey Date: 2022/08/04

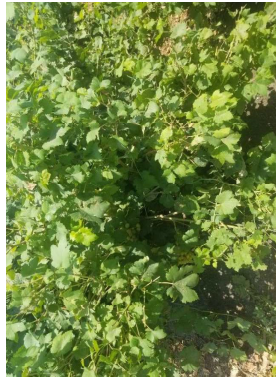
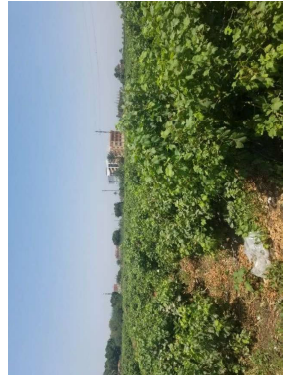
Governorate: Beni Suef

Sub-Region: Abo Shosha (Inside)

Latitude: 28.84112

Longitude: 30.85075

Picture (Age of Crop: more than 1 year)



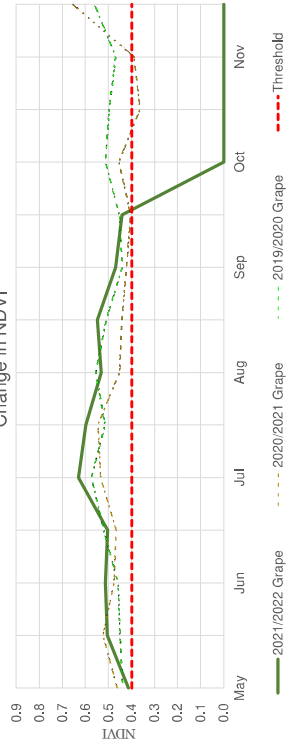
**Target Crop**

Season	Crop
2021/2022	Grape
2020/2021	Grape
2019/2020	Grape

**Change in NDVI**

Period	2020	2021	2022
May I	0.44	0.46	0.41
May II	0.45	0.52	0.50
Jun I	0.46	0.48	0.51
Jun II	0.52	0.47	0.50
Jul I	0.58	0.54	0.63
Jul II	0.52	0.55	0.60
Aug I	0.56	0.45	0.53
Aug II	0.51	0.44	0.55
Sep I	0.44	0.42	0.47
Sep II	0.45	0.40	0.44
Oct I	0.51	0.45	-
Oct II	0.50	0.36	-
Nov I	0.47	0.39	-
Nov II	0.56	0.66	-
Max	0.58	0.66	0.63
Threshold	0.40		
Verdict	OK	OK	OK

Change in NDVI



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Survey Date: 2022/08/04

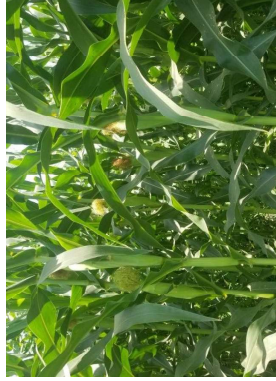
Governorate: Beni Suef

Sub-Region: Abo Shosha (Inside)

Latitude: 28.84101

Longitude: 30.86634

Picture (Age of Crop: 3 - 4 months)



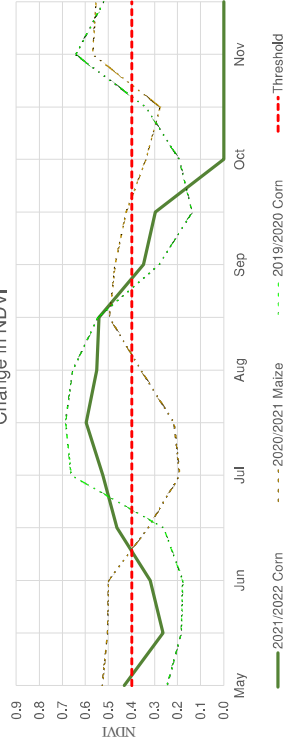
**Target Crop**

Season	Crop
2021/2022	Corn
2020/2021	Maize
2019/2020	Corn

**Change in NDVI**

Period	2020	2021	2022
May I	0.25	0.53	0.43
May II	0.18	0.50	0.26
Jun I	0.18	0.50	0.32
Jun II	0.26	0.33	0.46
Jul I	0.66	0.19	0.52
Jul II	0.69	0.22	0.60
Aug I	0.66	0.36	0.55
Aug II	0.55	0.50	0.54
Sep I	0.28	0.47	0.35
Sep II	0.14	0.42	0.30
Oct I	0.19	0.34	-
Oct II	0.34	0.27	-
Nov I	0.64	0.57	-
Nov II	0.52	0.55	-
Max	0.69	0.57	0.60
Threshold	0.40		
Verdict	OK	OK	OK

Change in NDVI



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Survey Date: 2022/08/04

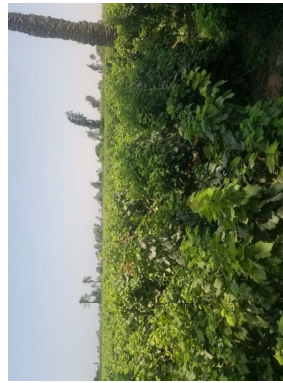
Governorate: Beni Suef

Sub-Region: Abo Shosha (Outside)

Latitude: 28.83877

Longitude: 30.89094

Picture (Age of Crop: more than 1 year)



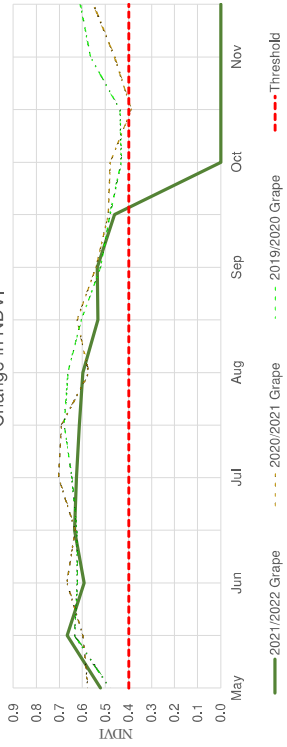
**Target Crop**

Season	Crop
2021/2022	Grape
2020/2021	Grape
2019/2020	Grape

**Change in NDVI**

Period	2020	2021	2022
May I	0.48	0.58	0.52
May II	0.63	0.60	0.67
Jun I	0.62	0.67	0.59
Jun II	0.63	0.63	0.64
Jul I	0.65	0.70	0.63
Jul II	0.68	0.69	0.61
Aug I	0.66	0.57	0.60
Aug II	0.60	0.62	0.53
Sep I	0.52	0.54	0.54
Sep II	0.48	0.49	0.46
Oct I	0.43	0.48	-
Oct II	0.44	0.39	-
Nov I	0.57	0.46	-
Nov II	0.61	0.55	-
Max	0.68	0.70	0.67
Threshold	0.40		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 62

Survey Date: 2022/08/04

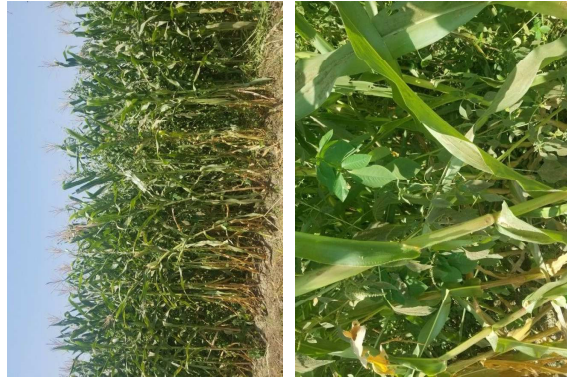
Governorate: Beni Suef

Sub-Region: Abo Shosha (Outside)

Latitude: 28.83718

Longitude: 30.89294

Picture (Age of Crop: 3 - 4 months)



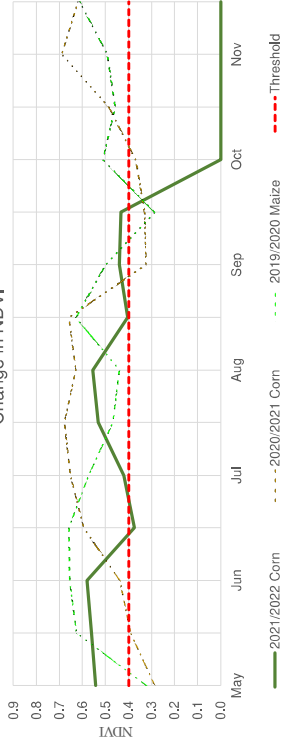
**Target Crop**

Season	Crop
2021/2022	Corn
2020/2021	Corn
2019/2020	Maize

**Change in NDVI**

Period	2020	2021	2022
May I	0.32	0.29	0.54
May II	0.63	0.39	0.56
Jun I	0.66	0.44	0.58
Jun II	0.66	0.59	0.37
Jul I	0.57	0.65	0.42
Jul II	0.47	0.68	0.53
Aug I	0.44	0.63	0.55
Aug II	0.63	0.66	0.40
Sep I	0.50	0.33	0.44
Sep II	0.29	0.33	0.43
Oct I	0.51	0.37	-
Oct II	0.46	0.49	-
Nov I	0.49	0.69	-
Nov II	0.61	0.62	-
Max	0.66	0.69	0.58
Threshold	0.40		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 63

Survey Date: 2022/08/04

Governorate: Gharbia

Sub-Region: Kased (Outside)

Latitude: 30.85889

Longitude: 31.07611

Picture (Age of Crop: 2 - 3 months)



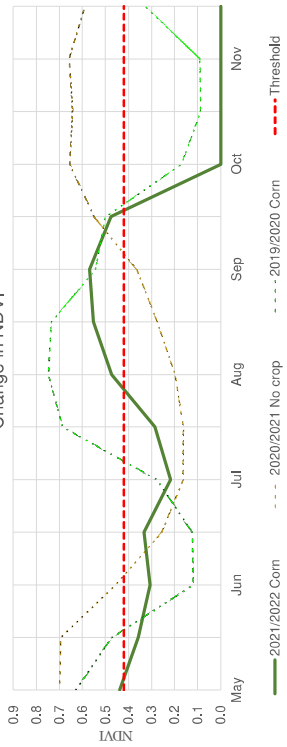
**Target Crop**

Season	Crop
2021/2022	Corn
2020/2021	No crop
2019/2020	Corn

**Change in NDVI**

Period	2020	2021	2022
May I	0.63	0.70	0.44
May II	0.47	0.70	0.36
Jun I	0.12	0.46	0.31
Jun II	0.12	0.26	0.33
Jul I	0.28	0.16	0.22
Jul II	0.69	0.16	0.28
Aug I	0.75	0.20	0.47
Aug II	0.74	0.28	0.55
Sep I	0.54	0.36	0.57
Sep II	0.50	0.55	0.48
Oct I	0.17	0.66	-
Oct II	0.09	0.64	-
Nov I	0.09	0.66	-
Nov II	0.33	0.59	-
Max	0.75	0.70	0.57
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 64

Survey Date: 2022/08/04

Governorate: Gharbia

Sub-Region: Kased (Outside)

Latitude: 30.85784

Longitude: 31.0758

Picture (Age of Crop: 1 - 2 months)



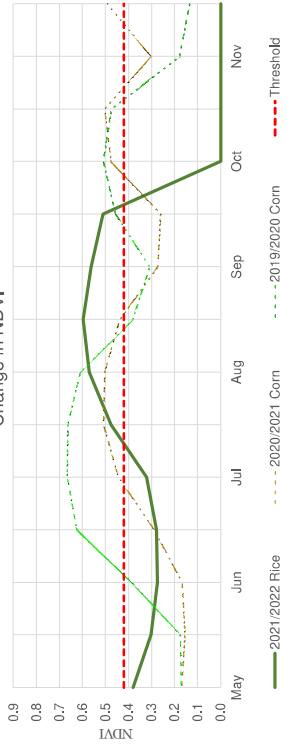
**Target Crop**

Season	Crop
2021/2022	Rice
2020/2021	Corn
2019/2020	Corn

**Change in NDVI**

Period	2020	2021	2022
May I	0.17	0.17	0.38
May II	0.17	0.16	0.30
Jun I	0.39	0.17	0.27
Jun II	0.63	0.29	0.28
Jul I	0.67	0.44	0.32
Jul II	0.66	0.51	0.47
Aug I	0.61	0.50	0.57
Aug II	0.38	0.44	0.60
Sep I	0.31	0.27	0.56
Sep II	0.46	0.26	0.51
Oct I	0.51	0.48	-
Oct II	0.47	0.50	-
Nov I	0.18	0.30	-
Nov II	0.13	0.49	-
Max	0.67	0.51	0.60
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 65

Survey Date: 2022/08/08

Governorate: Gharbia

Sub-Region: Kased (Inside)

Latitude: 30.88932

Longitude: 30.9502

Picture (Age of Crop: 1 - 2 months)



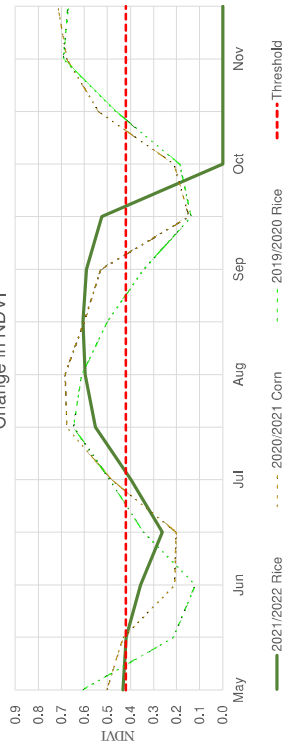
**Target Crop**

Season	Crop
2021/2022	Rice
2020/2021	Corn
2019/2020	Rice

**Change in NDVI**

Period	2020	2021	2022
May I	0.61	0.50	0.43
May II	0.21	0.43	0.42
Jun I	0.12	0.21	0.36
Jun II	0.34	0.20	0.26
Jul I	0.49	0.48	0.40
Jul II	0.65	0.66	0.55
Aug I	0.61	0.68	0.60
Aug II	0.50	0.60	0.61
Sep I	0.34	0.53	0.59
Sep II	0.14	0.15	0.52
Oct I	0.19	0.21	-
Oct II	0.46	0.54	-
Nov I	0.69	0.68	-
Nov II	0.67	0.72	-
Max	0.69	0.72	0.61
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 66

Survey Date: 2022/08/15

Governorate: Gharbia

Sub-Region: Kased (Inside)

Latitude: 30.89996

Longitude: 30.94028

Picture (Age of Crop: 1 - 2 months)



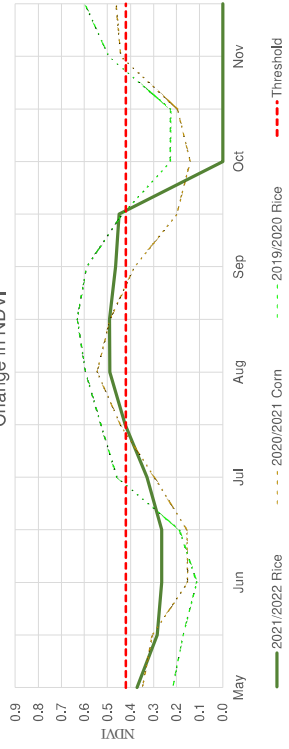
**Target Crop**

Season	Crop
2021/2022	Rice
2020/2021	Corn
2019/2020	Rice

**Change in NDVI**

Period	2020	2021	2022
May I	0.22	0.35	0.37
May II	0.17	0.31	0.28
Jun I	0.11	0.15	0.26
Jun II	0.19	0.16	0.26
Jul I	0.46	0.30	0.33
Jul II	0.53	0.44	0.42
Aug I	0.60	0.55	0.49
Aug II	0.63	0.49	0.49
Sep I	0.59	0.38	0.46
Sep II	0.44	0.20	0.45
Oct I	0.23	0.14	-
Oct II	0.23	0.20	-
Nov I	0.49	0.44	-
Nov II	0.60	0.46	-
Max	0.63	0.55	0.49
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 67

Survey Date: 2022/08/15

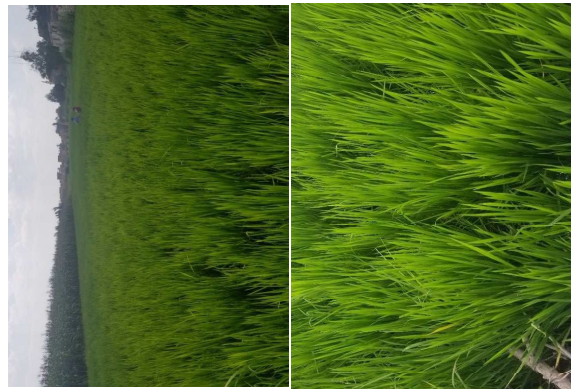
Governorate: Gharbia

Sub-Region: Kased (Inside)

Latitude: 30.93093

Longitude: 30.94684

Picture (Age of Crop: 1 - 2 months)



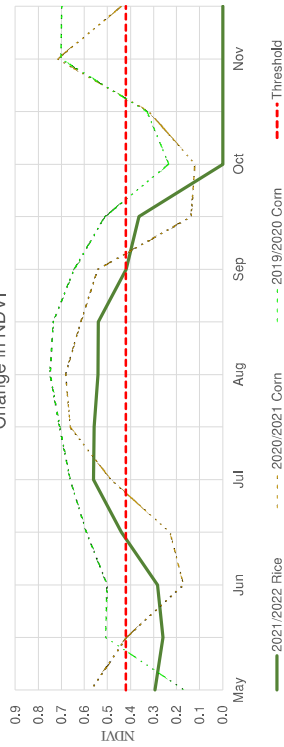
**Target Crop**

Season	Crop
2021/2022	Rice
2020/2021	Corn
2019/2020	Corn

**Change in NDVI**

Period	2020	2021	2022
May I	0.17	0.57	0.29
May II	0.51	0.42	0.26
Jun I	0.50	0.17	0.28
Jun II	0.59	0.23	0.44
Jul I	0.66	0.48	0.56
Jul II	0.71	0.66	0.56
Aug I	0.75	0.68	0.54
Aug II	0.74	0.62	0.54
Sep I	0.64	0.54	0.42
Sep II	0.51	0.14	0.36
Oct I	0.24	0.12	-
Oct II	0.33	0.32	-
Nov I	0.70	0.72	-
Nov II	0.70	0.44	-
Max	0.75	0.72	0.56
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 68

Survey Date: 2022/08/15

Governorate: Gharbia

Sub-Region: Kased (Inside)

Latitude: 30.95781

Longitude: 30.91537

Picture (Age of Crop: 2 - 3 months)



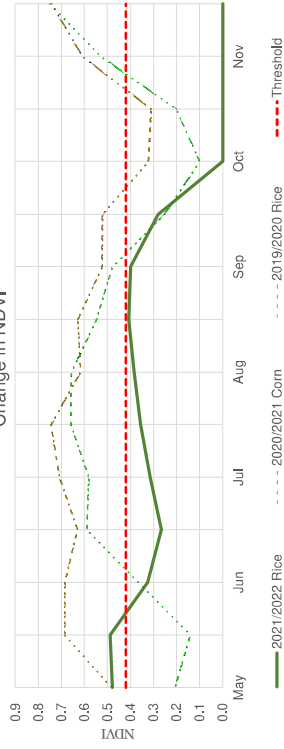
**Target Crop**

Season	Crop
2021/2022	Rice
2020/2021	Corn
2019/2020	Rice

**Change in NDVI**

Period	2020	2021	2022
May I	0.21	0.48	0.48
May II	0.14	0.69	0.49
Jun I	0.37	0.69	0.32
Jun II	0.59	0.63	0.27
Jul I	0.58	0.71	0.31
Jul II	0.66	0.75	0.36
Aug I	0.66	0.62	0.38
Aug II	0.55	0.63	0.41
Sep I	0.48	0.52	0.40
Sep II	0.25	0.52	0.28
Oct I	0.10	0.32	-
Oct II	0.20	0.31	-
Nov I	0.53	0.61	-
Nov II	0.75	0.74	-
Max	0.75	0.75	0.49
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 69

Survey Date: 2022/08/15

Governorate: Gharbia

Sub-Region: Kased (Outside)

Latitude: 30.8731

Longitude: 30.94361

Picture (Age of Crop: 1 - 2 months)



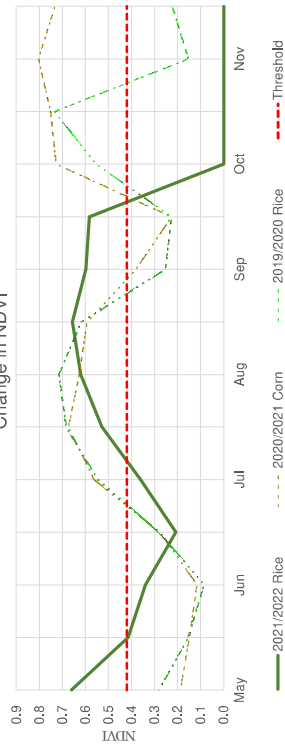
**Target Crop**

Season	Crop
2021/2022	Rice
2020/2021	Corn
2019/2020	Rice

**Change in NDVI**

Period	2020	2021	2022
May I	0.28	0.19	0.66
May II	0.15	0.15	0.41
Jun I	0.09	0.12	0.34
Jun II	0.28	0.28	0.21
Jul I	0.55	0.56	0.36
Jul II	0.68	0.66	0.53
Aug I	0.72	0.63	0.62
Aug II	0.62	0.59	0.66
Sep I	0.25	0.38	0.60
Sep II	0.23	0.23	0.58
Oct I	0.55	0.73	-
Oct II	0.74	0.75	-
Nov I	0.15	0.80	-
Nov II	0.22	0.73	-
Max	0.74	0.80	0.66
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 70

Survey Date: 2022/08/15

Governorate: Gharbia

Sub-Region: Kased (Outside)

Latitude: 30.87379

Longitude: 30.94235

Picture (Age of Crop: 2 - 3 months)



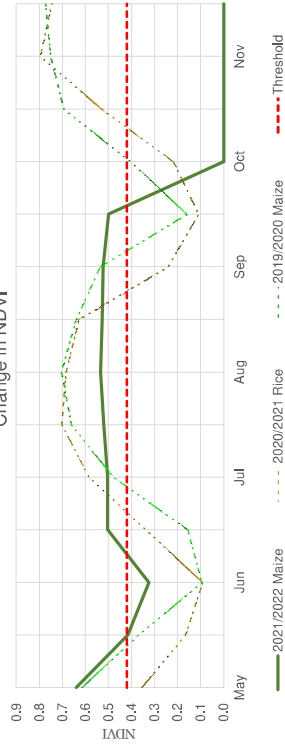
**Target Crop**

Season	Crop
2021/2022	Maize
2020/2021	Rice
2019/2020	Maize

**Change in NDVI**

Period	2020	2021	2022
May I	0.62	0.36	0.64
May II	0.37	0.17	0.42
Jun I	0.09	0.09	0.32
Jun II	0.16	0.34	0.50
Jul I	0.48	0.58	0.50
Jul II	0.66	0.70	0.52
Aug I	0.70	0.68	0.53
Aug II	0.64	0.63	0.53
Sep I	0.54	0.24	0.52
Sep II	0.16	0.11	0.50
Oct I	0.41	0.22	-
Oct II	0.69	0.53	-
Nov I	0.75	0.80	-
Nov II	0.77	0.75	-
Max	0.77	0.80	0.64
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**





Index: 71

Survey Date: 2022/08/15

Governorate: Gharbia

Sub-Region: Kased (Inside)

Latitude: 30.95656

Longitude: 30.92202

Picture (Age of Crop: 1 - 2 months)



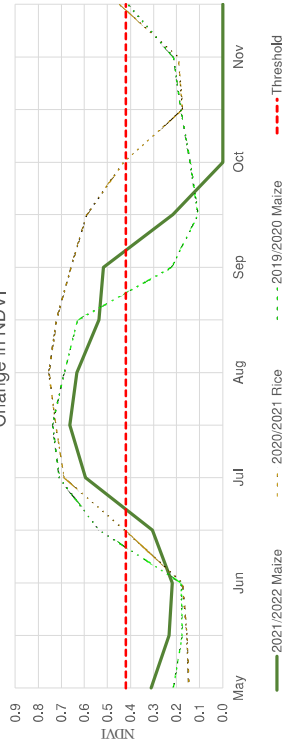
**Target Crop**

Season	Crop
2021/2022	Maize
2020/2021	Rice
2019/2020	Maize

**Change in NDVI**

Period	2020	2021	2022
May I	0.22	0.15	0.31
May II	0.18	0.16	0.23
Jun I	0.18	0.18	0.22
Jun II	0.54	0.43	0.30
Jul I	0.71	0.69	0.59
Jul II	0.74	0.73	0.66
Aug I	0.69	0.75	0.63
Aug II	0.63	0.72	0.54
Sep I	0.22	0.66	0.52
Sep II	0.11	0.59	0.22
Oct I	0.14	0.43	-
Oct II	0.18	0.18	-
Nov I	0.21	0.19	-
Nov II	0.41	0.45	-
Max	0.74	0.75	0.66
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 72

Survey Date: 2022/08/15

Governorate: Gharbia

Sub-Region: Kased (Inside)

Latitude: 30.95796

Longitude: 30.92563

Picture (Age of Crop: more than 1 year)



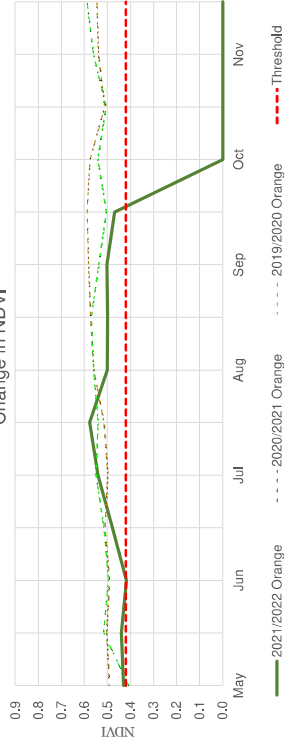
**Target Crop**

Season	Crop
2021/2022	Orange
2020/2021	Orange
2019/2020	Orange

**Change in NDVI**

Period	2020	2021	2022
May I	0.41	0.49	0.43
May II	0.52	0.50	0.44
Jun I	0.50	0.49	0.42
Jun II	0.52	0.51	0.48
Jul I	0.55	0.50	0.54
Jul II	0.54	0.52	0.58
Aug I	0.56	0.56	0.50
Aug II	0.57	0.57	0.50
Sep I	0.54	0.58	0.50
Sep II	0.50	0.59	0.47
Oct I	0.54	0.58	-
Oct II	0.51	0.51	-
Nov I	0.56	0.54	-
Nov II	0.59	0.55	-
Max	0.59	0.59	0.58
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 73

Survey Date: 2022/08/15

Governorate: Gharbia

Sub-Region: Kased (Inside)

Latitude: 30.95871

Longitude: 30.92729

Picture (Age of Crop: more than 1 year)



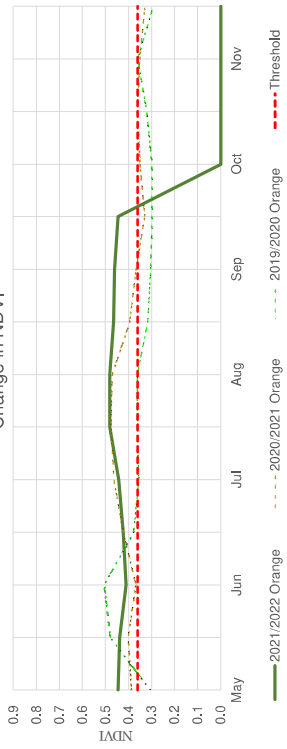
**Target Crop**

Season	Crop
2021/2022	Orange
2020/2021	Orange
2019/2020	Orange

**Change in NDVI**

Period	2020	2021	2022
May I	0.31	0.39	0.44
May II	0.48	0.40	0.44
Jun I	0.51	0.37	0.41
Jun II	0.38	0.42	0.42
Jul I	0.36	0.46	0.44
Jul II	0.36	0.48	0.48
Aug I	0.36	0.47	0.48
Aug II	0.32	0.40	0.46
Sep I	0.30	0.37	0.46
Sep II	0.30	0.33	0.45
Oct I	0.30	0.35	-
Oct II	0.32	0.36	-
Nov I	0.36	0.35	-
Nov II	0.29	0.33	-
Max	0.51	0.48	0.48
Threshold	0.36		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 74

Survey Date: 2022/08/15

Governorate: Gharbia

Sub-Region: Kased (Inside)

Latitude: 30.96225

Longitude: 30.92306

Picture (Age of Crop: more than 1 year)



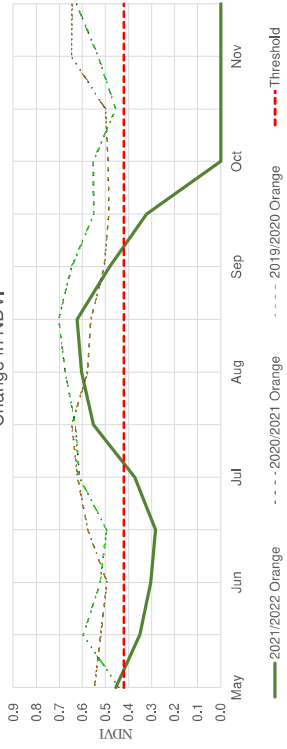
**Target Crop**

Season	Crop
2021/2022	Orange
2020/2021	Orange
2019/2020	Orange

**Change in NDVI**

Period	2020	2021	2022
May I	0.44	0.55	0.45
May II	0.60	0.52	0.35
Jun I	0.52	0.49	0.30
Jun II	0.50	0.58	0.28
Jul I	0.61	0.62	0.37
Jul II	0.63	0.65	0.55
Aug I	0.68	0.58	0.60
Aug II	0.70	0.56	0.62
Sep I	0.65	0.51	0.48
Sep II	0.55	0.49	0.32
Oct I	0.55	0.49	-
Oct II	0.46	0.50	-
Nov I	0.53	0.65	-
Nov II	0.63	0.65	-
Max	0.70	0.65	0.62
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 75

Survey Date: 2022/08/16

Governorate: Gharbia

Sub-Region: Kased (Inside)

Latitude: 30.95186

Longitude: 30.94855

Picture (Age of Crop: 2 - 3 months)



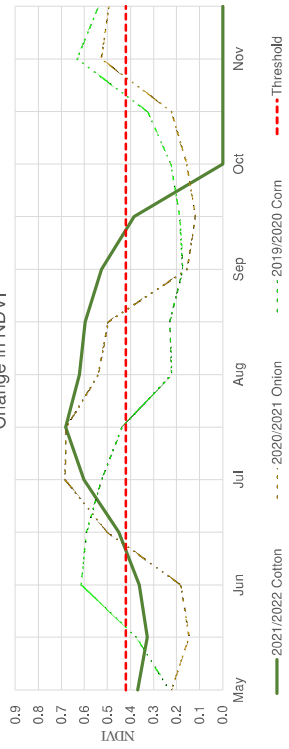
**Target Crop**

Season	Crop
2021/2022	Cotton
2020/2021	Onion
2019/2020	Corn

**Change in NDVI**

Period	2020	2021	2022
May I	0.23	0.22	0.37
May II	0.37	0.15	0.33
Jun I	0.61	0.18	0.36
Jun II	0.59	0.50	0.45
Jul I	0.53	0.69	0.60
Jul II	0.44	0.66	0.68
Aug I	0.22	0.54	0.62
Aug II	0.23	0.50	0.60
Sep I	0.17	0.15	0.53
Sep II	0.19	0.12	0.38
Oct I	0.23	0.16	-
Oct II	0.33	0.22	-
Nov I	0.63	0.53	-
Nov II	0.54	0.49	-
Max	0.63	0.69	0.68
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 76

Survey Date: 2022/08/16

Governorate: Gharbia

Sub-Region: Kased (Inside)

Latitude: 30.95165

Longitude: 30.9482

Picture (Age of Crop: more than 1 year)



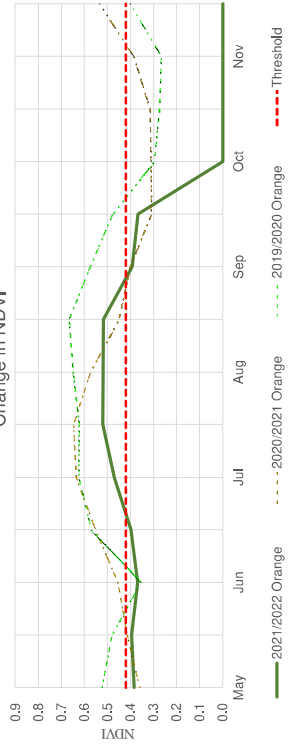
**Target Crop**

Season	Crop
2021/2022	Orange
2020/2021	Orange
2019/2020	Orange

**Change in NDVI**

Period	2020	2021	2022
May I	0.52	0.36	0.38
May II	0.48	0.42	0.40
Jun I	0.36	0.46	0.37
Jun II	0.57	0.55	0.40
Jul I	0.63	0.64	0.47
Jul II	0.62	0.65	0.52
Aug I	0.65	0.57	0.52
Aug II	0.67	0.45	0.52
Sep I	0.58	0.40	0.39
Sep II	0.48	0.31	0.37
Oct I	0.30	0.31	-
Oct II	0.27	0.32	-
Nov I	0.27	0.39	-
Nov II	0.40	0.53	-
Max	0.67	0.65	0.52
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 77

Survey Date: 2022/08/16

Governorate: Gharbia

Sub-Region: Kased (Inside)

Latitude: 30.95144

Longitude: 30.94857

Picture (Age of Crop: 2 - 3 months)



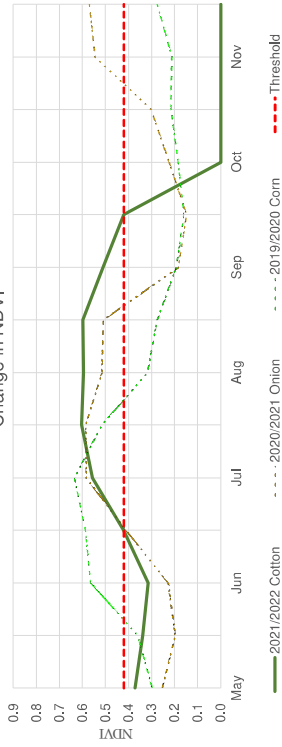
**Target Crop**

Season	Crop
2021/2022	Cotton
2020/2021	Onion
2019/2020	Corn

**Change in NDVI**

Period	2020	2021	2022
May I	0.30	0.25	0.37
May II	0.36	0.20	0.34
Jun I	0.57	0.23	0.32
Jun II	0.59	0.41	0.42
Jul I	0.64	0.58	0.56
Jul II	0.52	0.59	0.60
Aug I	0.32	0.52	0.59
Aug II	0.28	0.51	0.60
Sep I	0.19	0.18	0.51
Sep II	0.16	0.15	0.42
Oct I	0.19	0.22	-
Oct II	0.22	0.30	-
Nov I	0.21	0.55	-
Nov II	0.28	0.57	-
Max	0.64	0.59	0.60
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 78

Survey Date: 2022/08/16

Governorate: Gharbia

Sub-Region: Kased (Inside)

Latitude: 30.95115

Longitude: 30.94908

Picture (Age of Crop: 1 - 2 months)



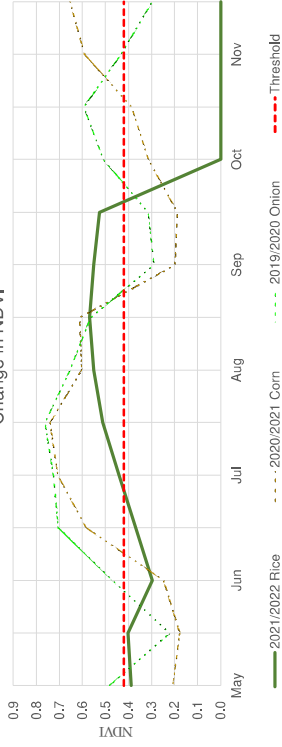
**Target Crop**

Season	Crop
2021/2022	Rice
2020/2021	Corn
2019/2020	Onion

**Change in NDVI**

Period	2020	2021	2022
May I	0.48	0.21	0.39
May II	0.22	0.18	0.40
Jun I	0.47	0.25	0.30
Jun II	0.71	0.58	0.37
Jul I	0.73	0.71	0.44
Jul II	0.76	0.74	0.51
Aug I	0.65	0.60	0.55
Aug II	0.56	0.61	0.57
Sep I	0.29	0.20	0.55
Sep II	0.32	0.19	0.53
Oct I	0.51	0.31	-
Oct II	0.60	0.39	-
Nov I	0.43	0.59	-
Nov II	0.30	0.66	-
Max	0.76	0.74	0.57
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 79

Survey Date: 2022/08/16

Governorate: Gharbia

Sub-Region: Kased (Inside)

Latitude: 30.95287

Longitude: 30.94822

Picture (Age of Crop: 1 - 2 months)



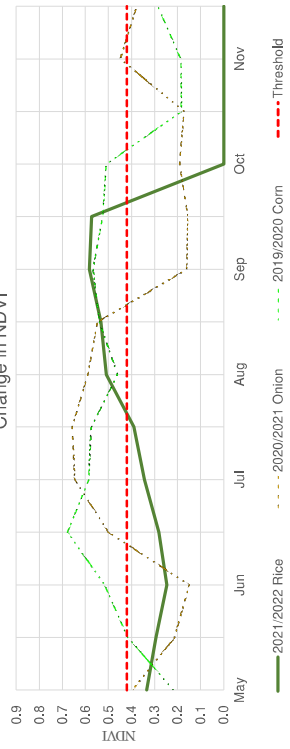
**Target Crop**

Season	Crop
2021/2022	Rice
2020/2021	Onion
2019/2020	Corn

**Change in NDVI**

Period	2020	2021	2022
May I	0.22	0.40	0.33
May II	0.42	0.21	0.29
Jun I	0.52	0.15	0.25
Jun II	0.68	0.50	0.28
Jul I	0.59	0.65	0.34
Jul II	0.58	0.66	0.39
Aug I	0.46	0.59	0.51
Aug II	0.54	0.55	0.53
Sep I	0.57	0.16	0.58
Sep II	0.53	0.16	0.57
Oct I	0.51	0.19	-
Oct II	0.18	0.17	-
Nov I	0.19	0.45	-
Nov II	0.29	0.38	-
Max	0.68	0.66	0.58
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 80

Survey Date: 2022/08/16

Governorate: Gharbia

Sub-Region: Kased (Outside)

Latitude: 31.10014

Longitude: 30.97766

Picture (Age of Crop: 1 - 2 months)



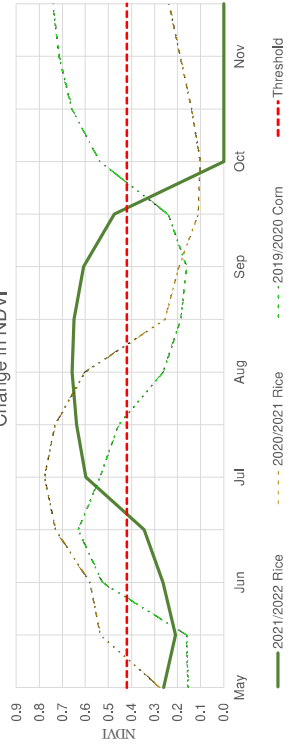
**Target Crop**

Season	Crop
2021/2022	Rice
2020/2021	Rice
2019/2020	Corn

**Change in NDVI**

Period	2020	2021	2022
May I	0.16	0.28	0.26
May II	0.16	0.54	0.21
Jun I	0.53	0.58	0.26
Jun II	0.63	0.73	0.35
Jul I	0.54	0.78	0.60
Jul II	0.46	0.73	0.64
Aug I	0.26	0.60	0.66
Aug II	0.19	0.26	0.65
Sep I	0.16	0.20	0.61
Sep II	0.24	0.11	0.47
Oct I	0.54	0.10	-
Oct II	0.66	0.14	-
Nov I	0.71	0.19	-
Nov II	0.74	0.24	-
Max	0.74	0.78	0.66
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 81

Survey Date: 2022/08/16

Governorate: Kafr El Shiekh

Sub-Region: Kased (Inside)

Latitude: 31.21094

Longitude: 30.80133

Picture (Age of Crop: 2 - 3 months)



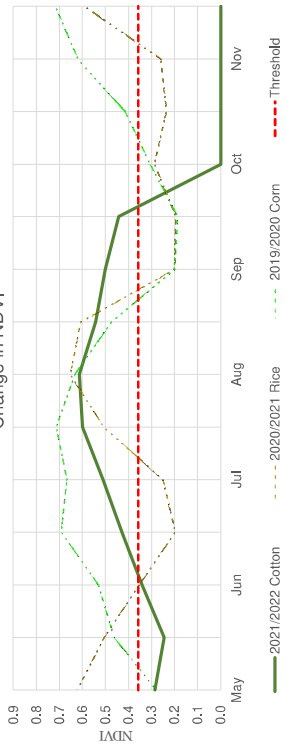
**Target Crop**

Season	Crop
2021/2022	Cotton
2020/2021	Rice
2019/2020	Corn

**Change in NDVI**

Period	2020	2021	2022
May I	0.28	0.62	0.29
May II	0.46	0.51	0.25
Jun I	0.53	0.35	0.34
Jun II	0.69	0.20	0.43
Jul I	0.67	0.25	0.51
Jul II	0.71	0.51	0.60
Aug I	0.63	0.65	0.61
Aug II	0.47	0.61	0.54
Sep I	0.20	0.20	0.50
Sep II	0.19	0.19	0.44
Oct I	0.31	0.29	-
Oct II	0.42	0.24	-
Nov I	0.62	0.26	-
Nov II	0.72	0.59	-
Max	0.72	0.65	0.61
Threshold	0.36		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 82

Survey Date: 2022/08/16

Governorate: Kafr El Shiekh

Sub-Region: Kased (Inside)

Latitude: 31.20074

Longitude: 30.80835

Picture (Age of Crop: 1 - 2 months)



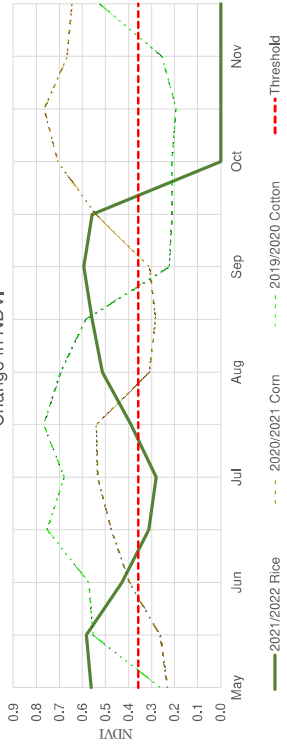
**Target Crop**

Season	Crop
2021/2022	Rice
2020/2021	Corn
2019/2020	Cotton

**Change in NDVI**

Period	2020	2021	2022
May I	0.26	0.23	0.56
May II	0.56	0.26	0.58
Jun I	0.57	0.40	0.43
Jun II	0.75	0.48	0.31
Jul I	0.68	0.53	0.28
Jul II	0.77	0.54	0.39
Aug I	0.70	0.31	0.51
Aug II	0.59	0.28	0.56
Sep I	0.22	0.31	0.59
Sep II	0.21	0.54	0.56
Oct I	0.21	0.71	-
Oct II	0.19	0.77	-
Nov I	0.26	0.67	-
Nov II	0.53	0.65	-
Max	0.77	0.77	0.59
Threshold	0.36		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 83

Survey Date: 2022/08/16

Governorate: Gharbia

Sub-Region: Kased (Outside)

Latitude: 30.87403

Longitude: 30.81721

Picture (Age of Crop: more than 1 year)



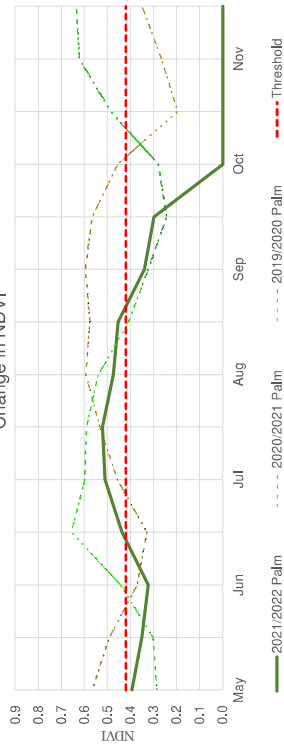
**Target Crop**

Season	Crop
2021/2022	Palm
2020/2021	Palm
2019/2020	Palm

**Change in NDVI**

Period	2020	2021	2022
May I	0.29	0.57	0.39
May II	0.30	0.49	0.35
Jun I	0.44	0.37	0.32
Jun II	0.66	0.33	0.44
Jul I	0.60	0.46	0.51
Jul II	0.59	0.53	0.52
Aug I	0.54	0.59	0.47
Aug II	0.41	0.58	0.45
Sep I	0.32	0.60	0.34
Sep II	0.24	0.57	0.30
Oct I	0.28	0.46	-
Oct II	0.49	0.20	-
Nov I	0.62	0.27	-
Nov II	0.64	0.35	-
Max	0.66	0.60	0.52
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 84

Survey Date: 2022/08/16

Governorate: Gharbia

Sub-Region: Kased (Outside)

Latitude: 30.88973

Longitude: 30.84725

Picture (Age of Crop: more than 1 year)



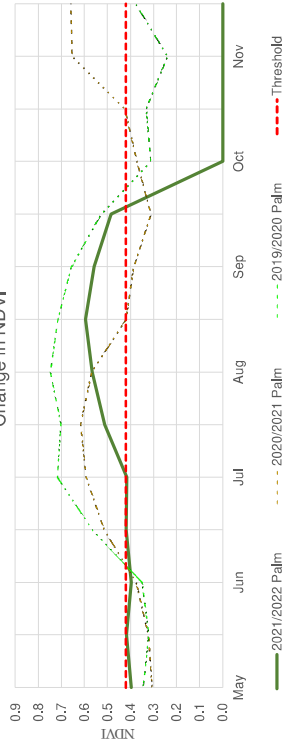
**Target Crop**

Season	Crop
2021/2022	Palm
2020/2021	Palm
2019/2020	Palm

**Change in NDVI**

Period	2020	2021	2022
May I	0.35	0.31	0.40
May II	0.32	0.32	0.42
Jun I	0.35	0.38	0.40
Jun II	0.57	0.51	0.42
Jul I	0.72	0.59	0.42
Jul II	0.70	0.62	0.51
Aug I	0.75	0.57	0.57
Aug II	0.72	0.42	0.59
Sep I	0.66	0.39	0.56
Sep II	0.53	0.31	0.48
Oct I	0.31	0.37	-
Oct II	0.33	0.43	-
Nov I	0.24	0.65	-
Nov II	0.38	0.66	-
Max	0.75	0.66	0.59
Threshold	0.42		
Verdict	OK	OK	OK

**Change in NDVI**



Index: 85

Survey Date: 2022/08/16

Governorate: Gharbia

Sub-Region: Kased (Outside)

Latitude: 30.88891

Longitude: 30.84268

Picture (Age of Crop: more than 1 year)



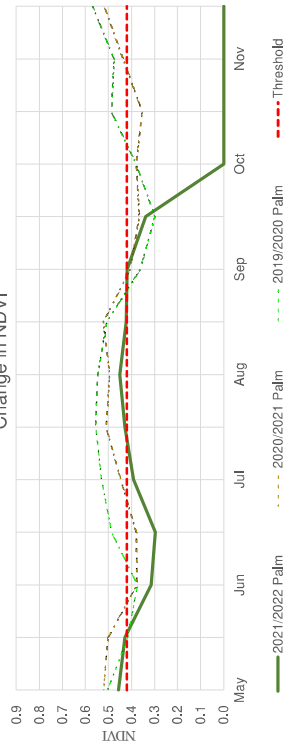
Target Crop

Season	Crop
2021/2022	Palm
2020/2021	Palm
2019/2020	Palm

Change in NDVI

Period	2020	2021	2022
May I	0.50	0.52	0.46
May II	0.42	0.50	0.43
Jun I	0.37	0.38	0.31
Jun II	0.49	0.38	0.30
Jul I	0.53	0.45	0.39
Jul II	0.56	0.51	0.43
Aug I	0.55	0.50	0.45
Aug II	0.51	0.52	0.42
Sep I	0.36	0.41	0.42
Sep II	0.30	0.37	0.34
Oct I	0.38	0.38	-
Oct II	0.49	0.35	-
Nov I	0.48	0.44	-
Nov II	0.57	0.52	-
Max	0.57	0.52	0.46
Threshold	0.42		
Verdict	OK	OK	OK

Change in NDVI



Index: 86

Survey Date: 2022/08/16

Governorate: Gharbia

Sub-Region: Kased (Outside)

Latitude: 31.024

Longitude: 31.08832

Picture (Age of Crop: 2 - 3 months)



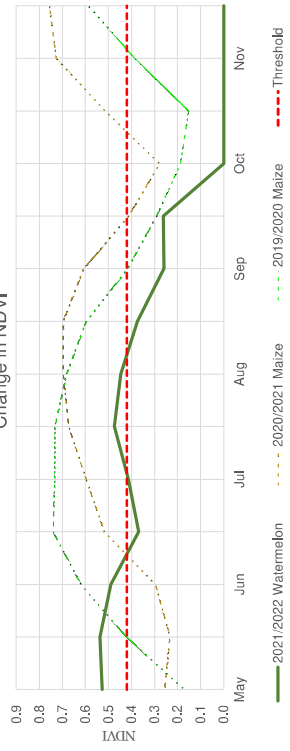
Target Crop

Season	Crop
2021/2022	Watermelon
2020/2021	Maize
2019/2020	Maize

Change in NDVI

Period	2020	2021	2022
May I	0.17	0.26	0.53
May II	0.42	0.23	0.54
Jun I	0.62	0.30	0.49
Jun II	0.74	0.52	0.37
Jul I	0.73	0.60	0.41
Jul II	0.73	0.67	0.47
Aug I	0.68	0.70	0.45
Aug II	0.60	0.70	0.37
Sep I	0.42	0.61	0.26
Sep II	0.29	0.41	0.26
Oct I	0.19	0.28	-
Oct II	0.15	0.51	-
Nov I	0.39	0.73	-
Nov II	0.59	0.76	-
Max	0.74	0.76	0.54
Threshold	0.42		
Verdict	OK	OK	OK

Change in NDVI







## VIII. IRRIGATION STRUCTURE MAP (GIS DATABASE)



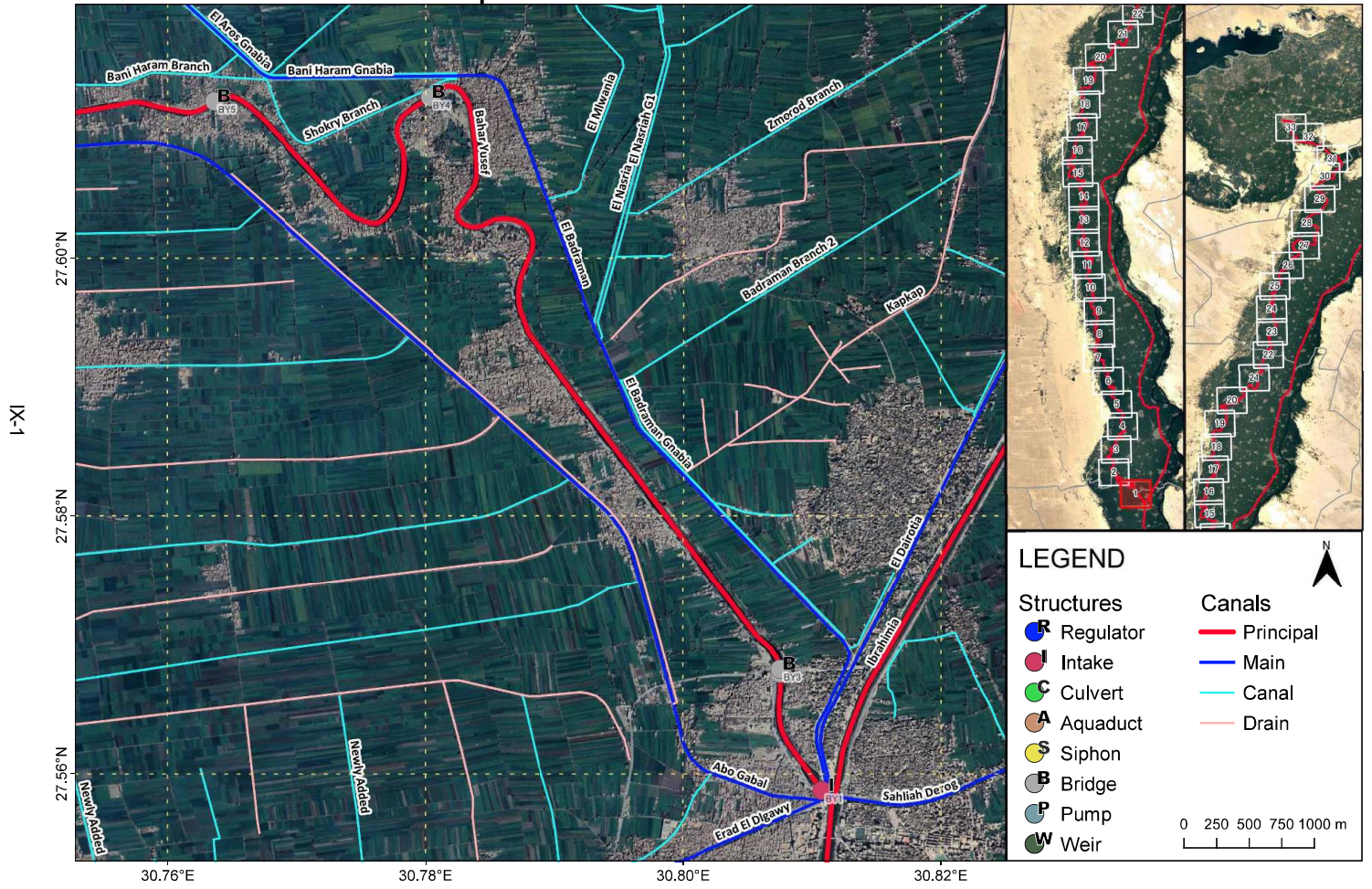
**APPENDIX VIII**

**IRRIGATION STRUCTURE MAP (GIS DATABASE)**

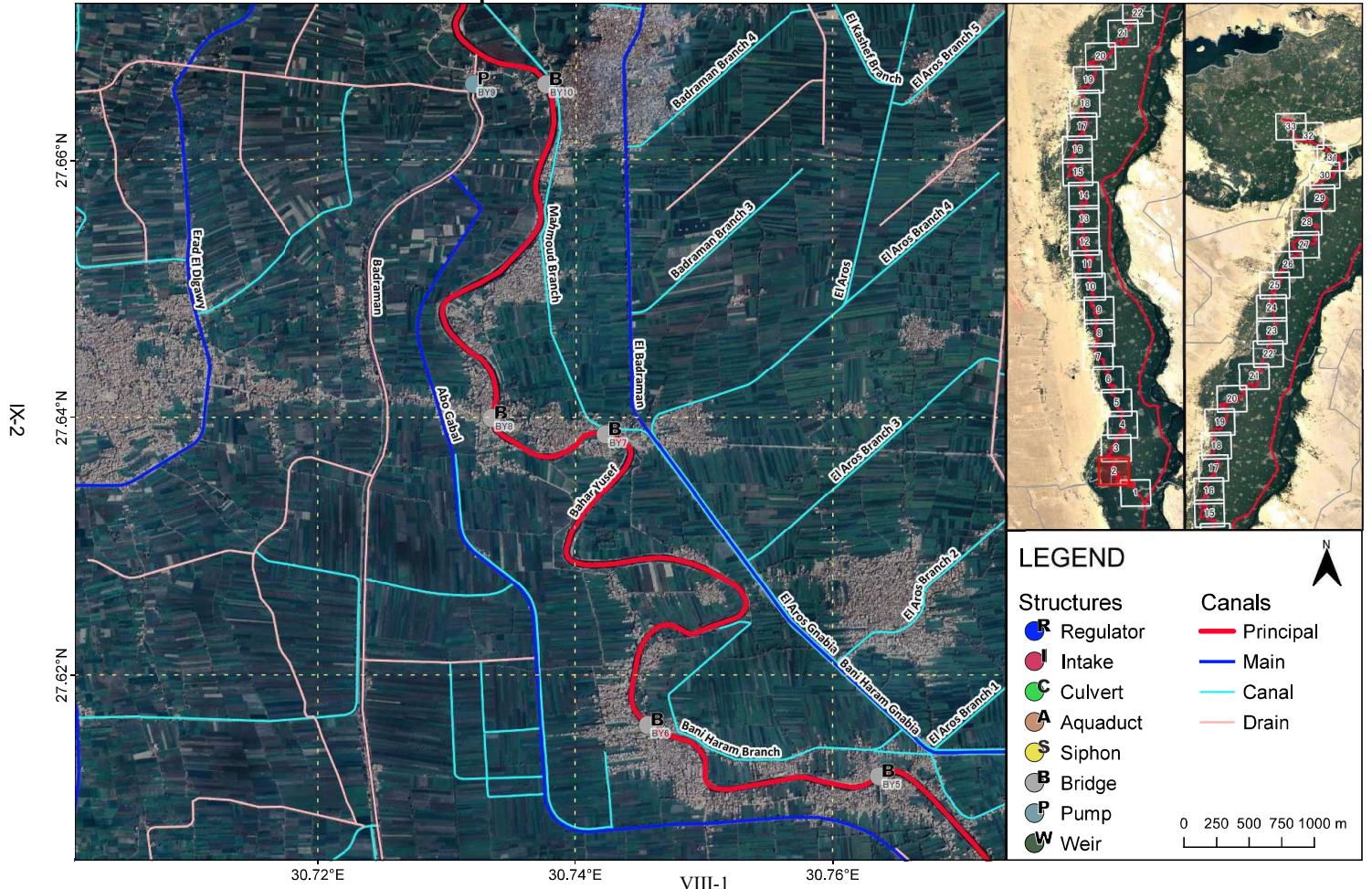
VIII.1 Structure Map (Bahr Yusef) ..... VIII-1  
VIII.2 Structure Map (Ibrahimia) ..... VIII-18  
VIII.3 Structure Map (Abo Shosha) ..... VIII-35  
VIII.4 Structure Map (Aros & Abo Seer) ..... VIII-38  
VIII.5 Structure Map (Kased)..... VIII-41



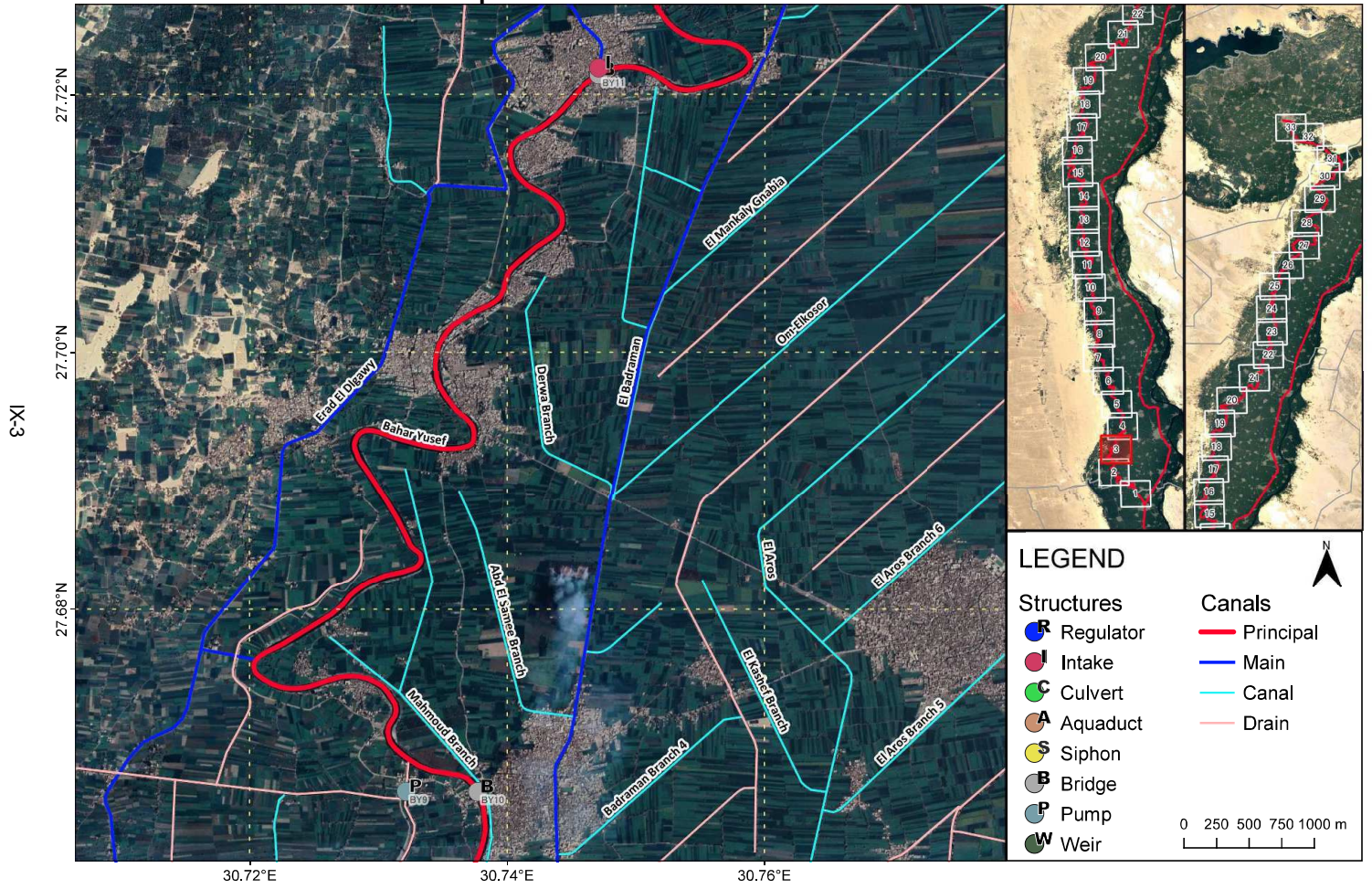
# Structure Location Map: Bahr Yusef



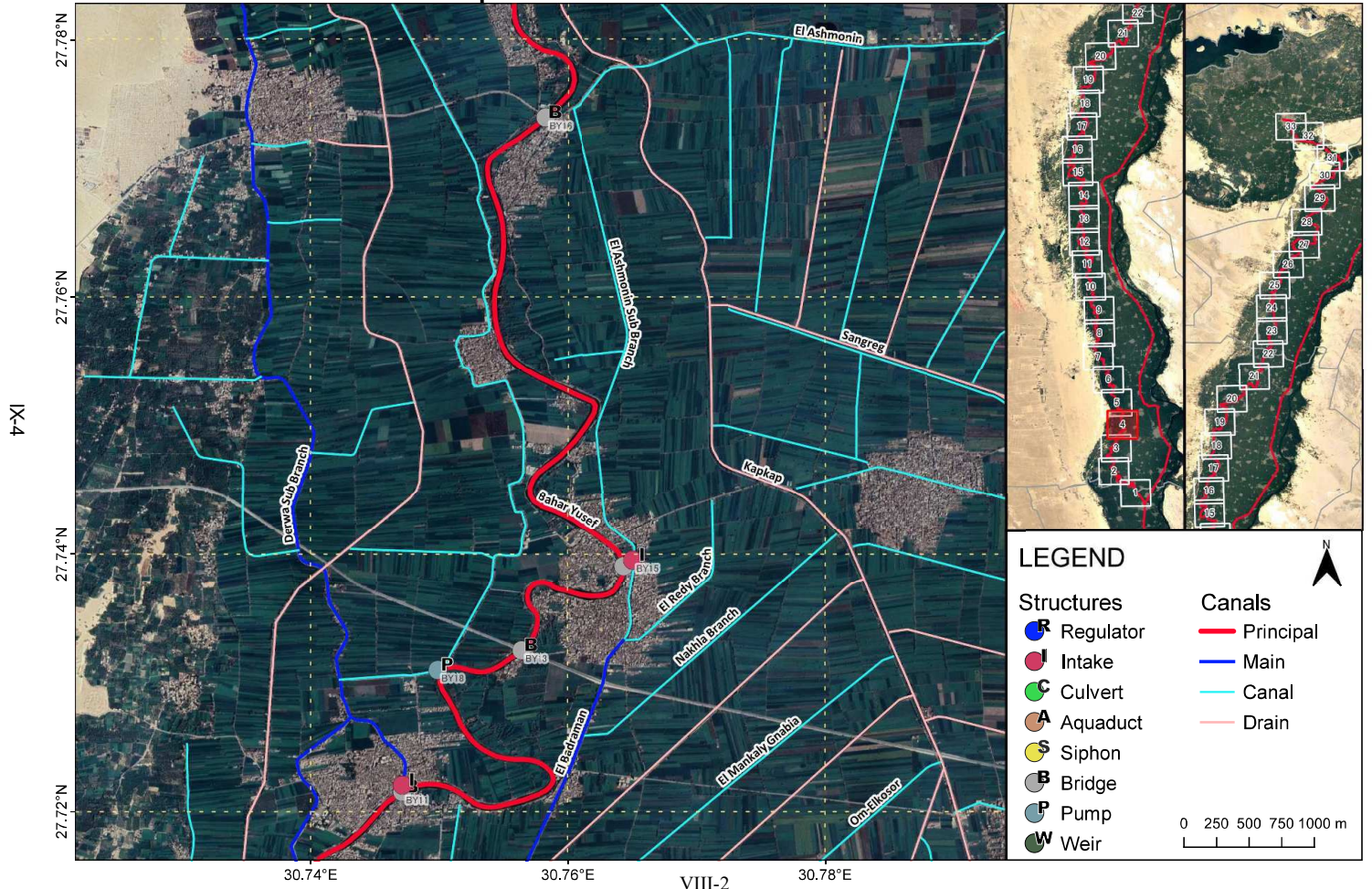
# Structure Location Map: Bahr Yusef



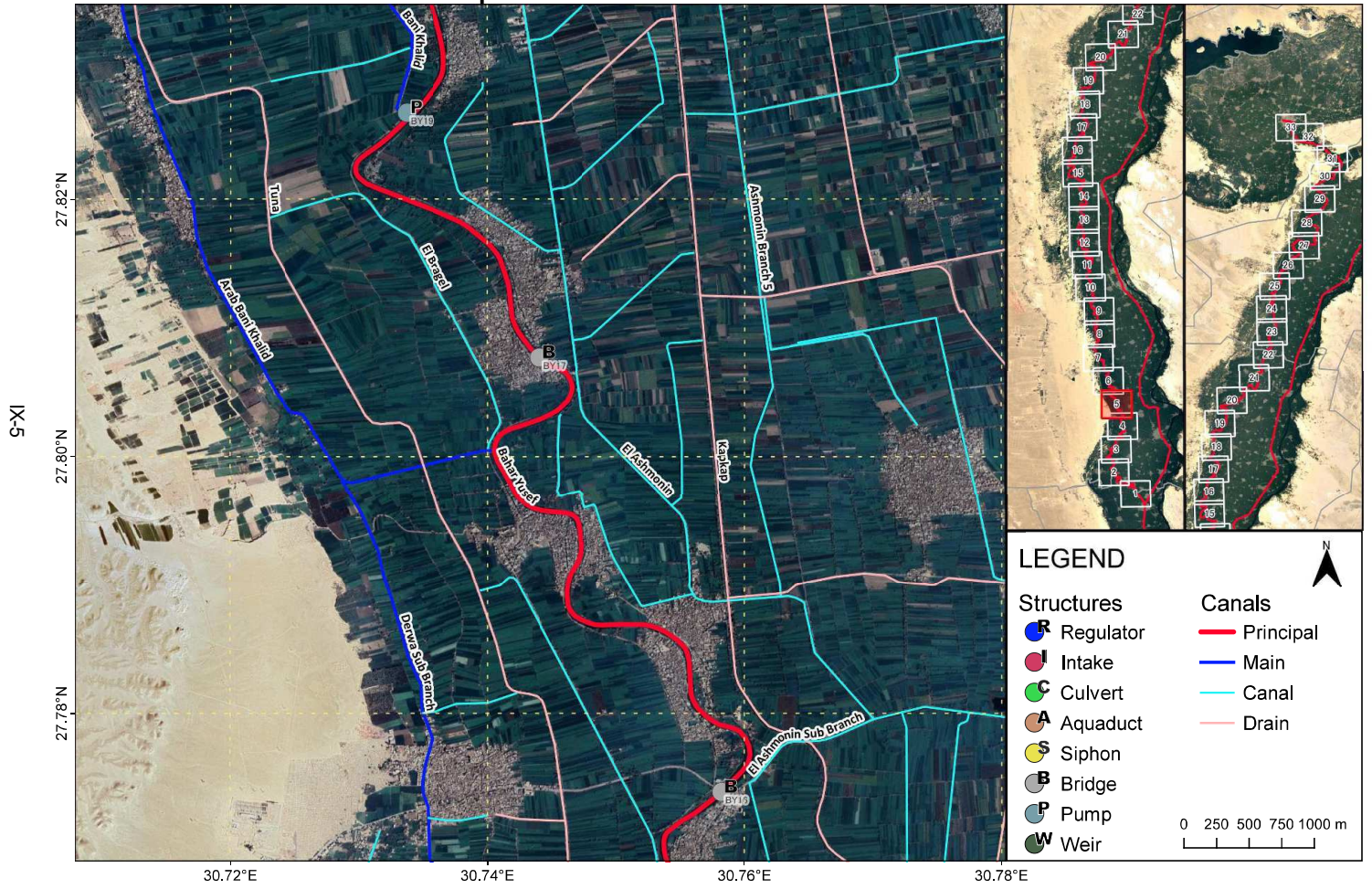
# Structure Location Map: Bahr Yusef



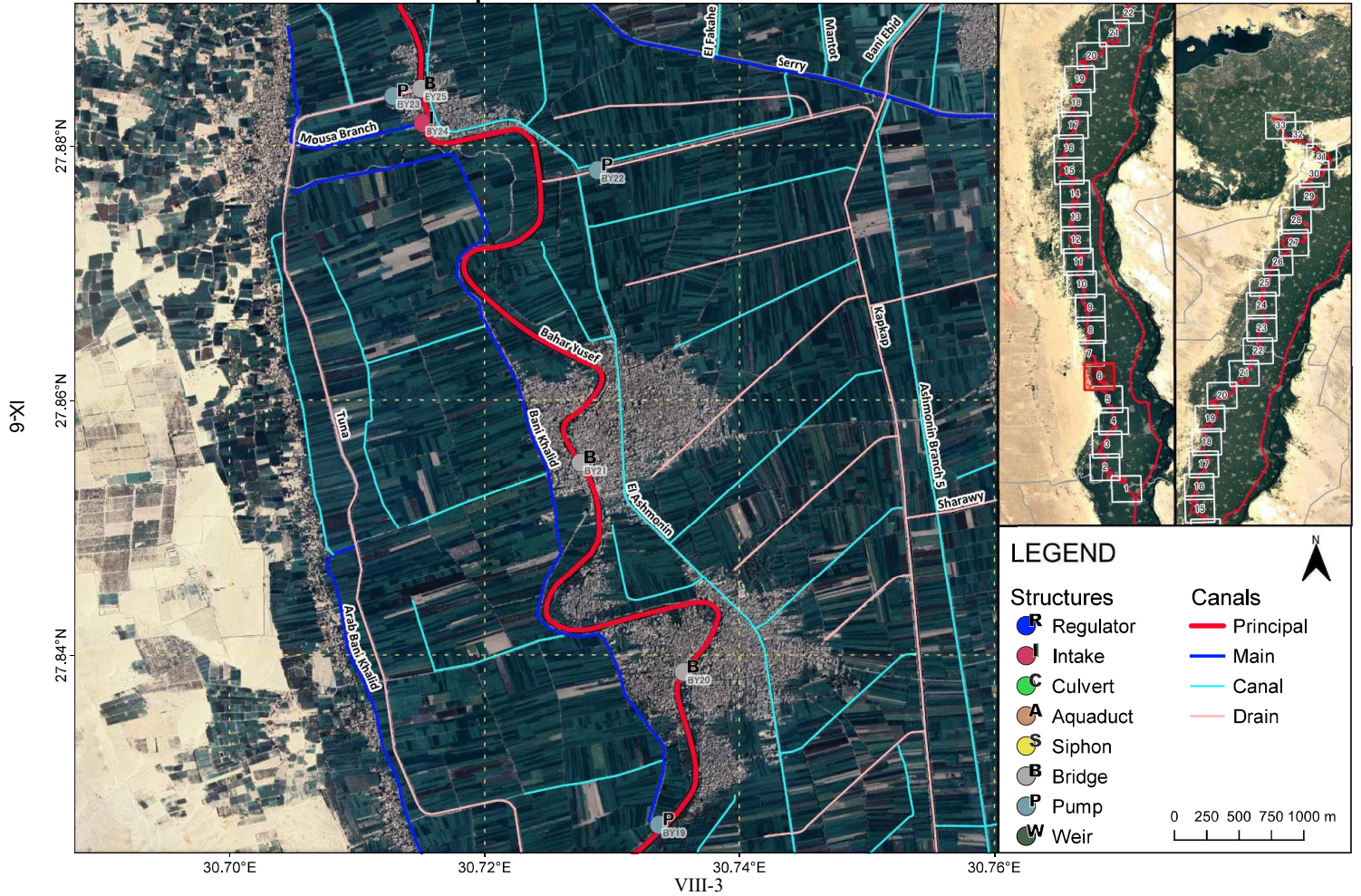
# Structure Location Map: Bahr Yusef



# Structure Location Map: Bahr Yusef

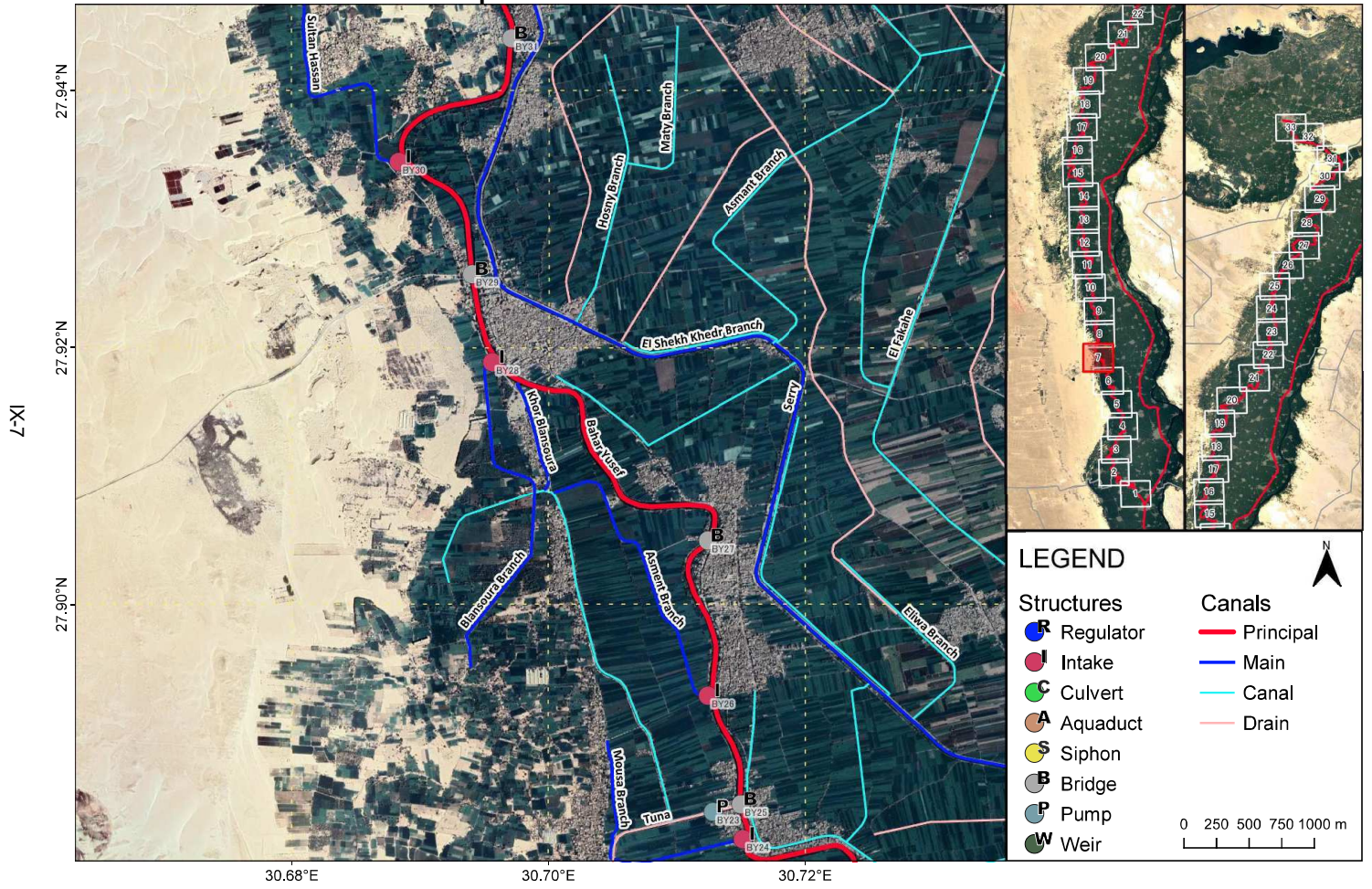


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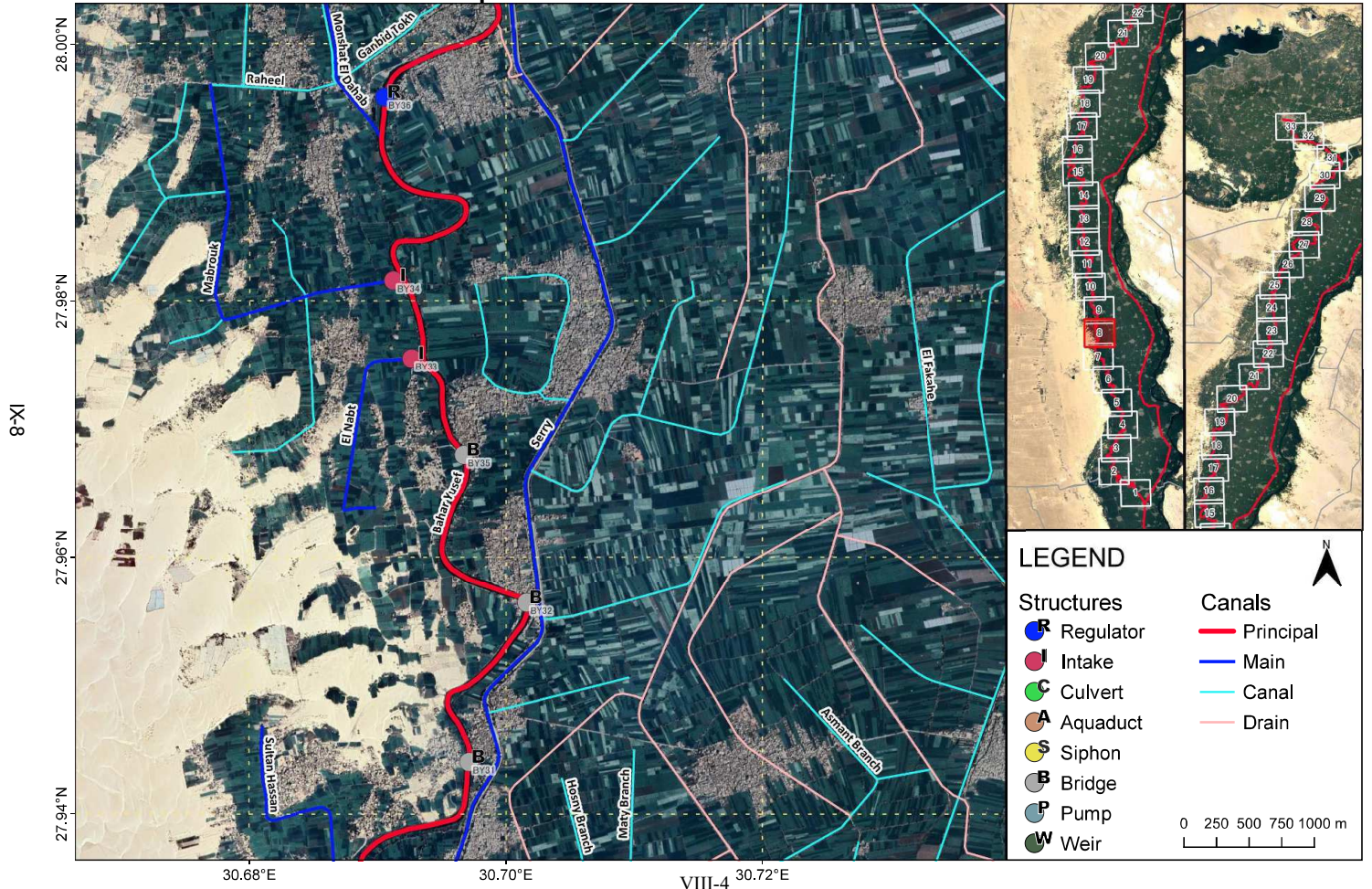




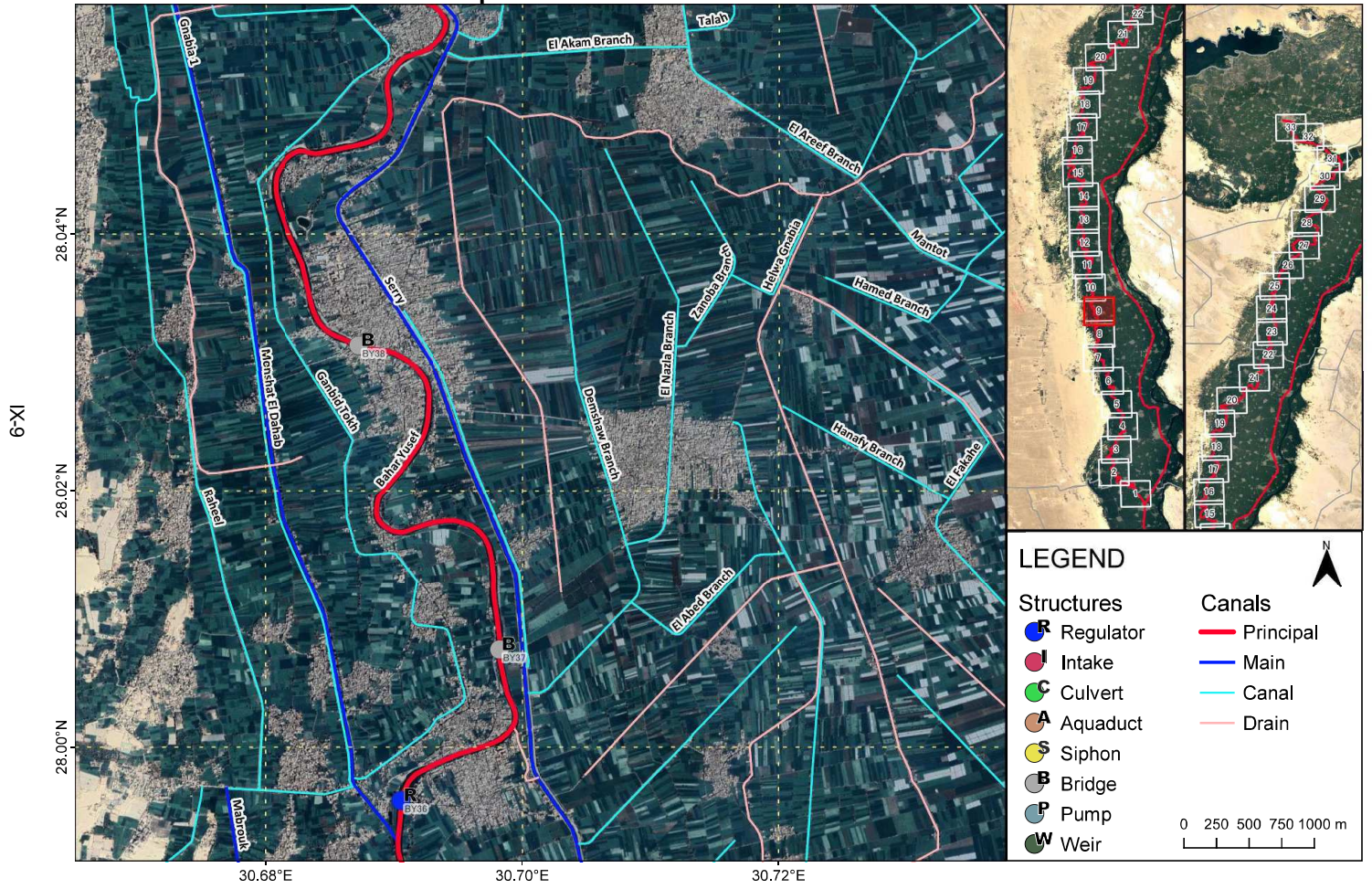
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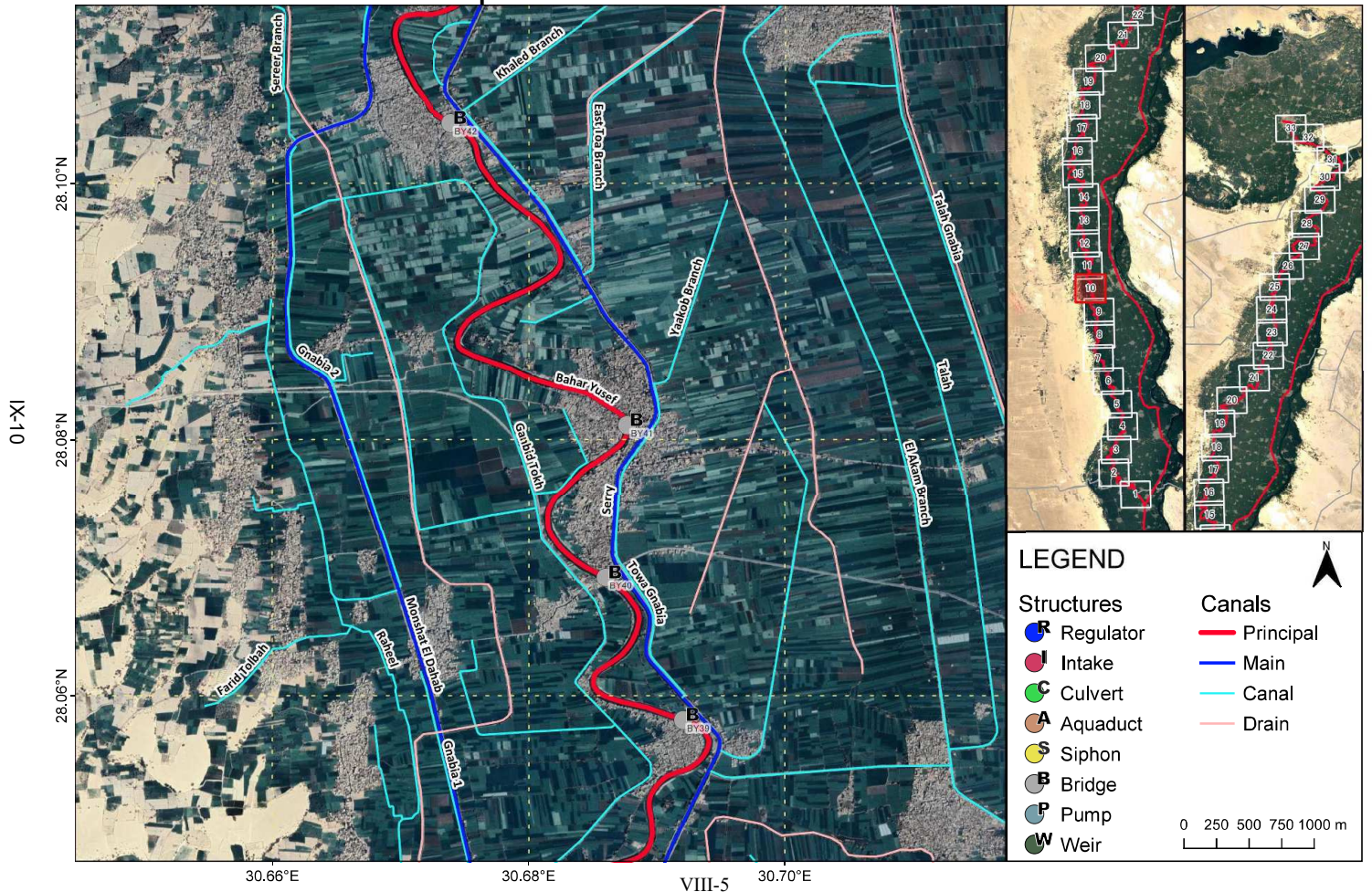
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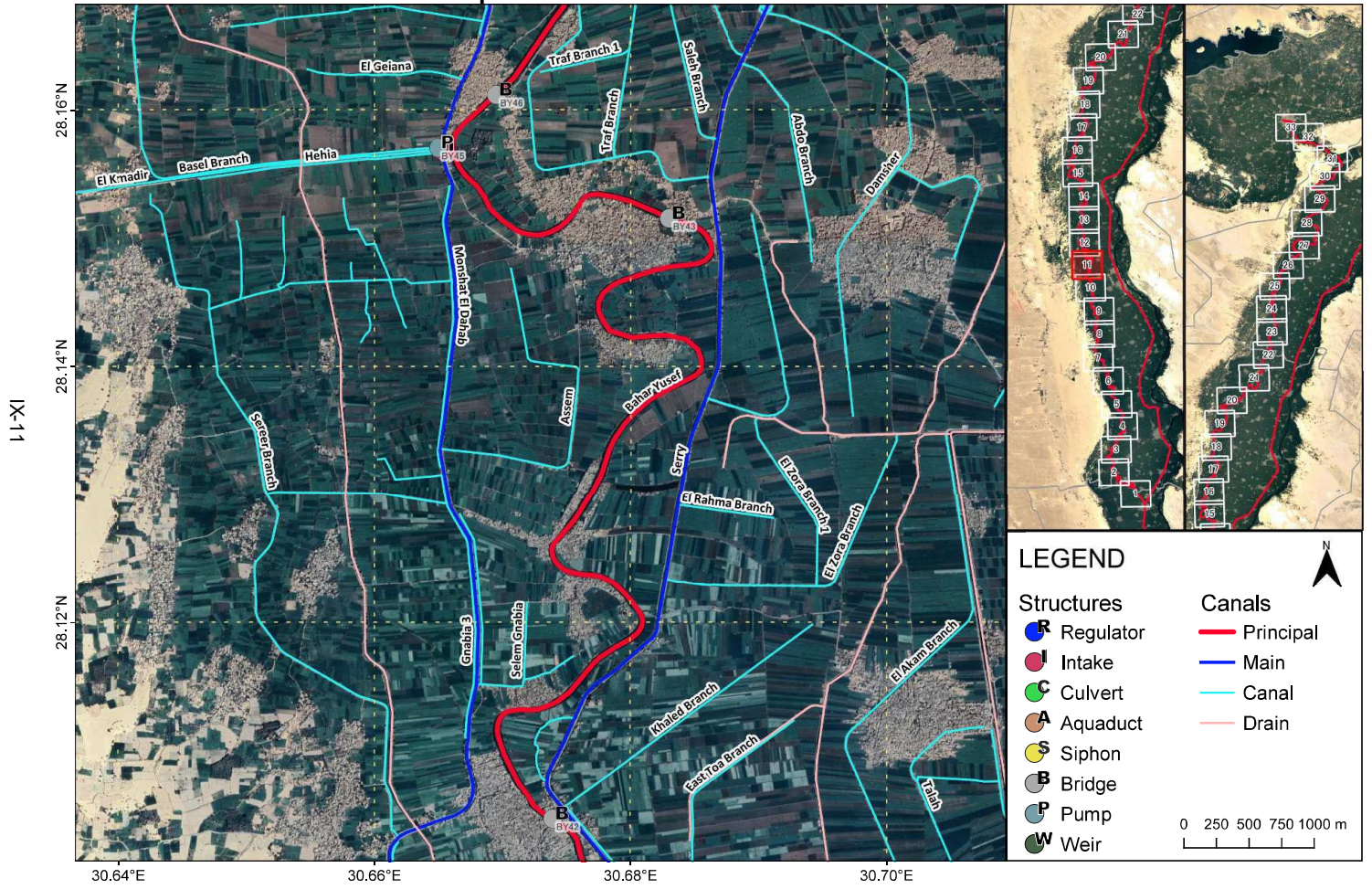
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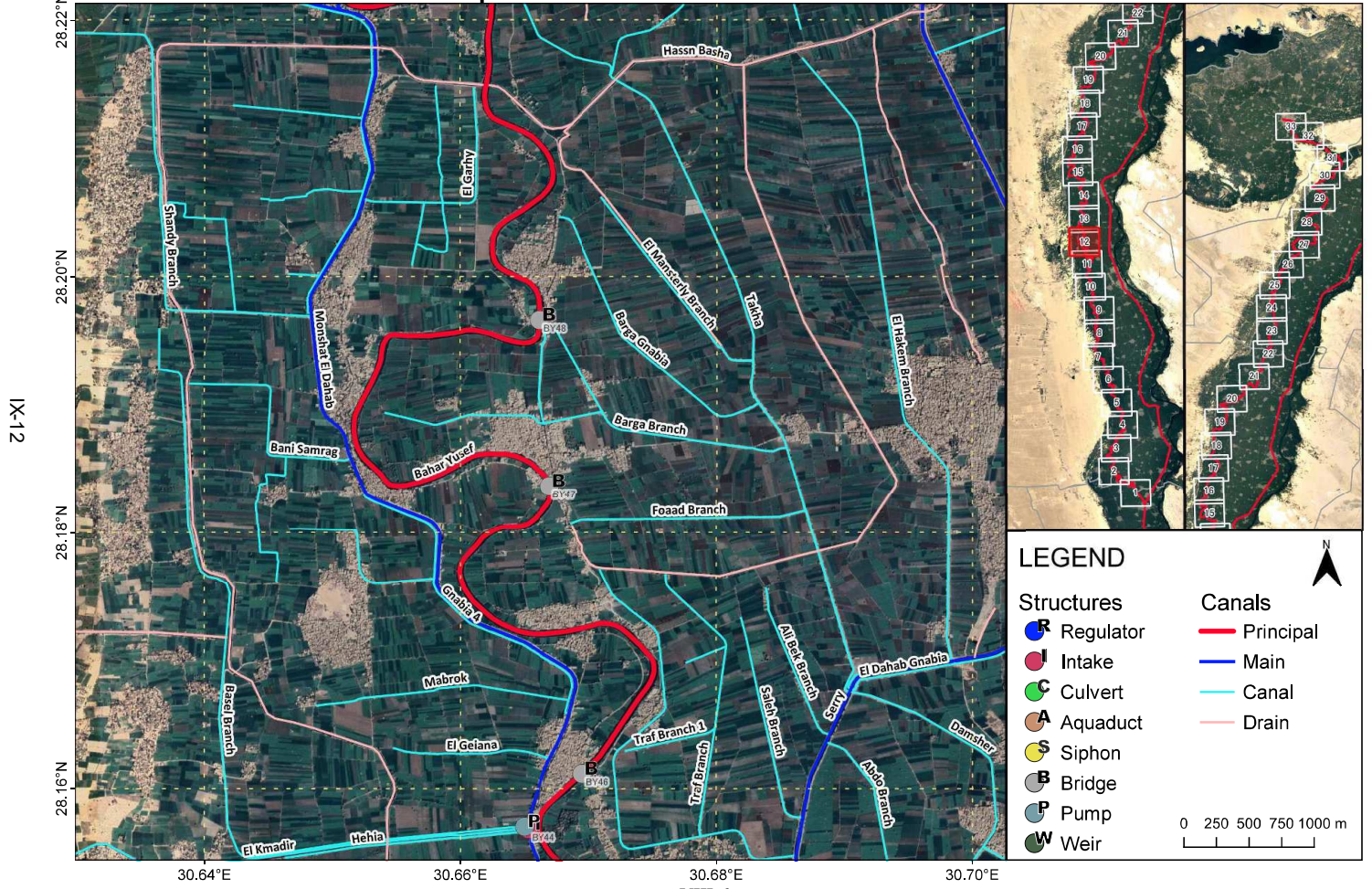
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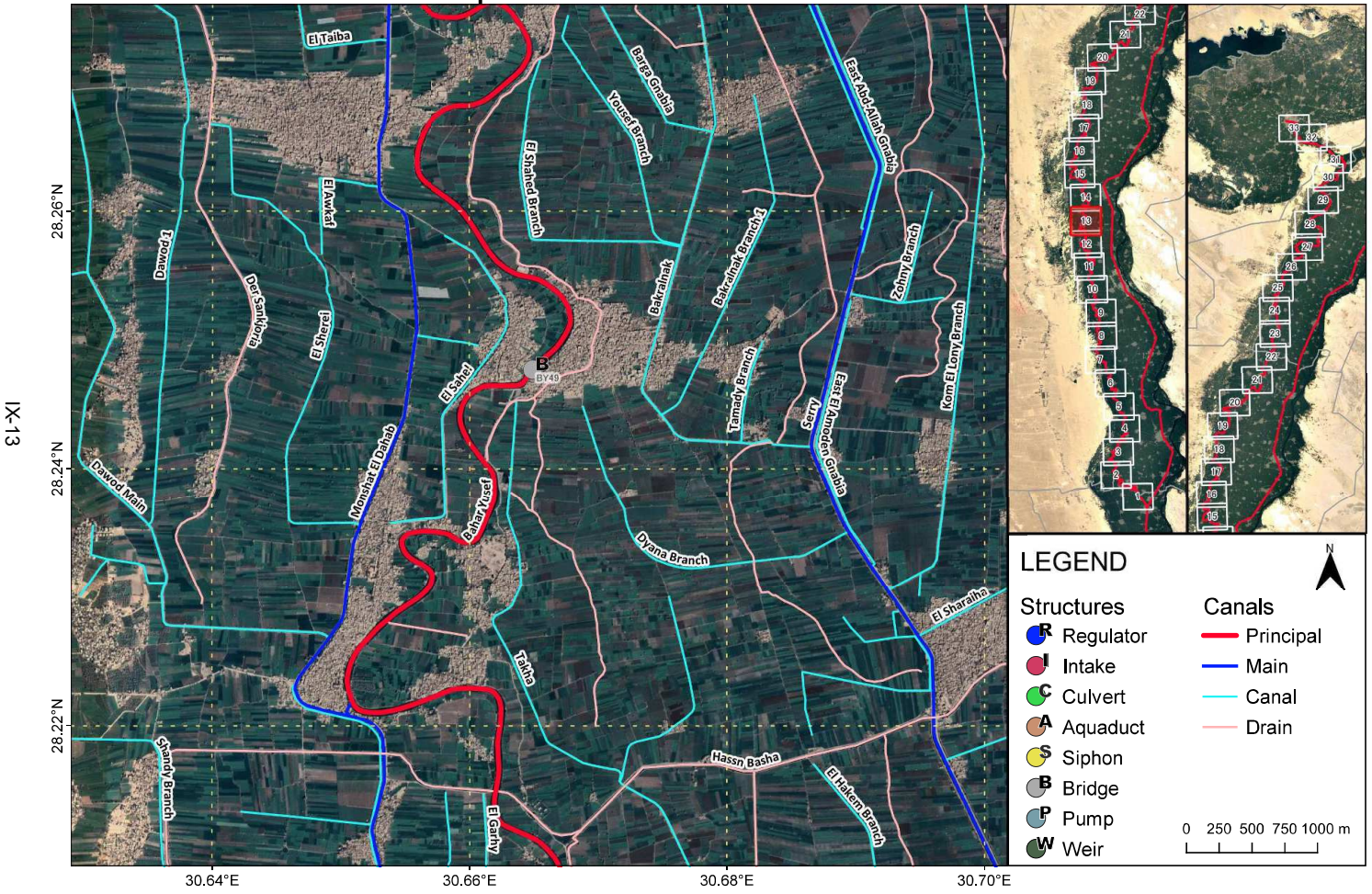
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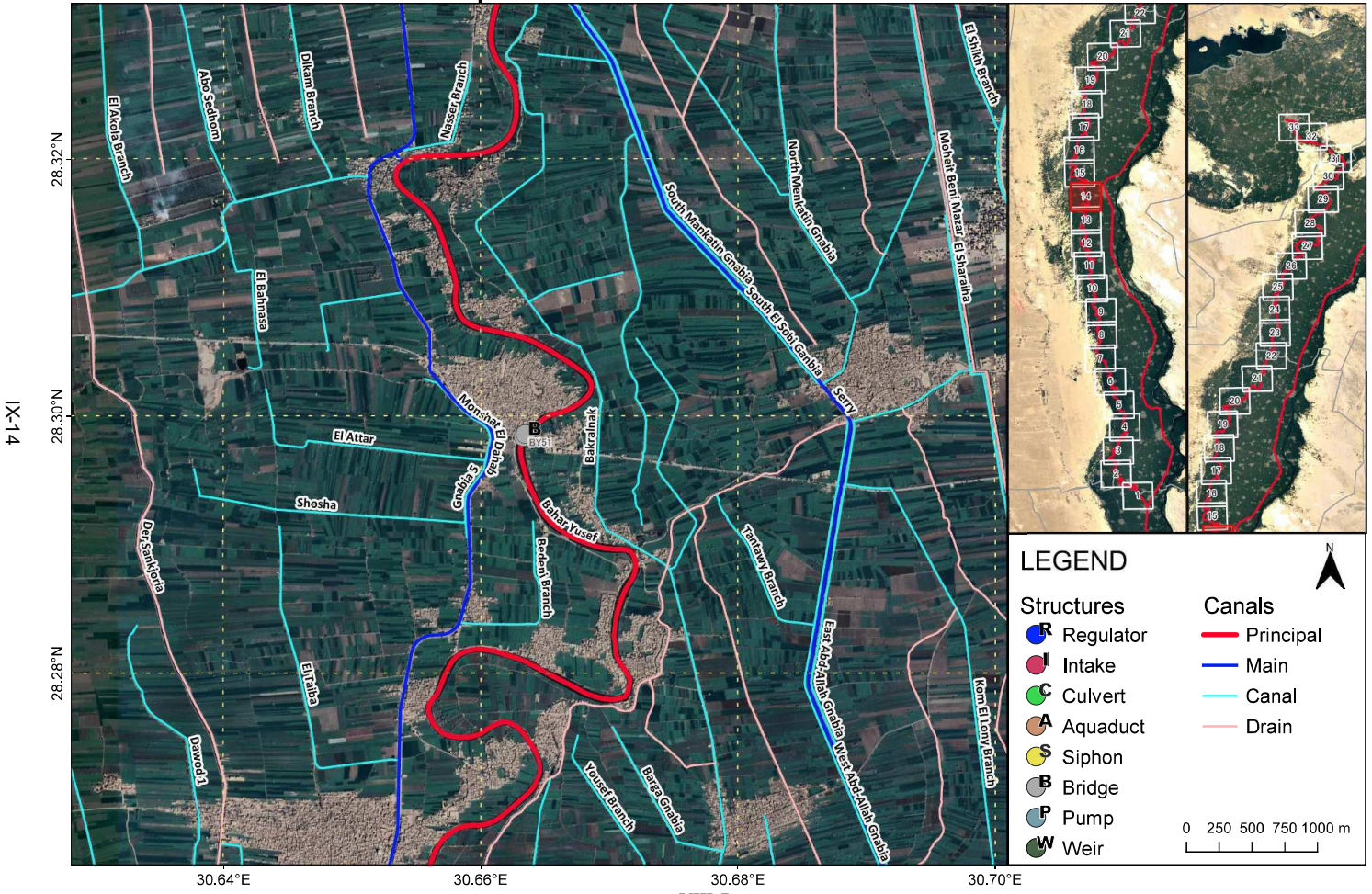
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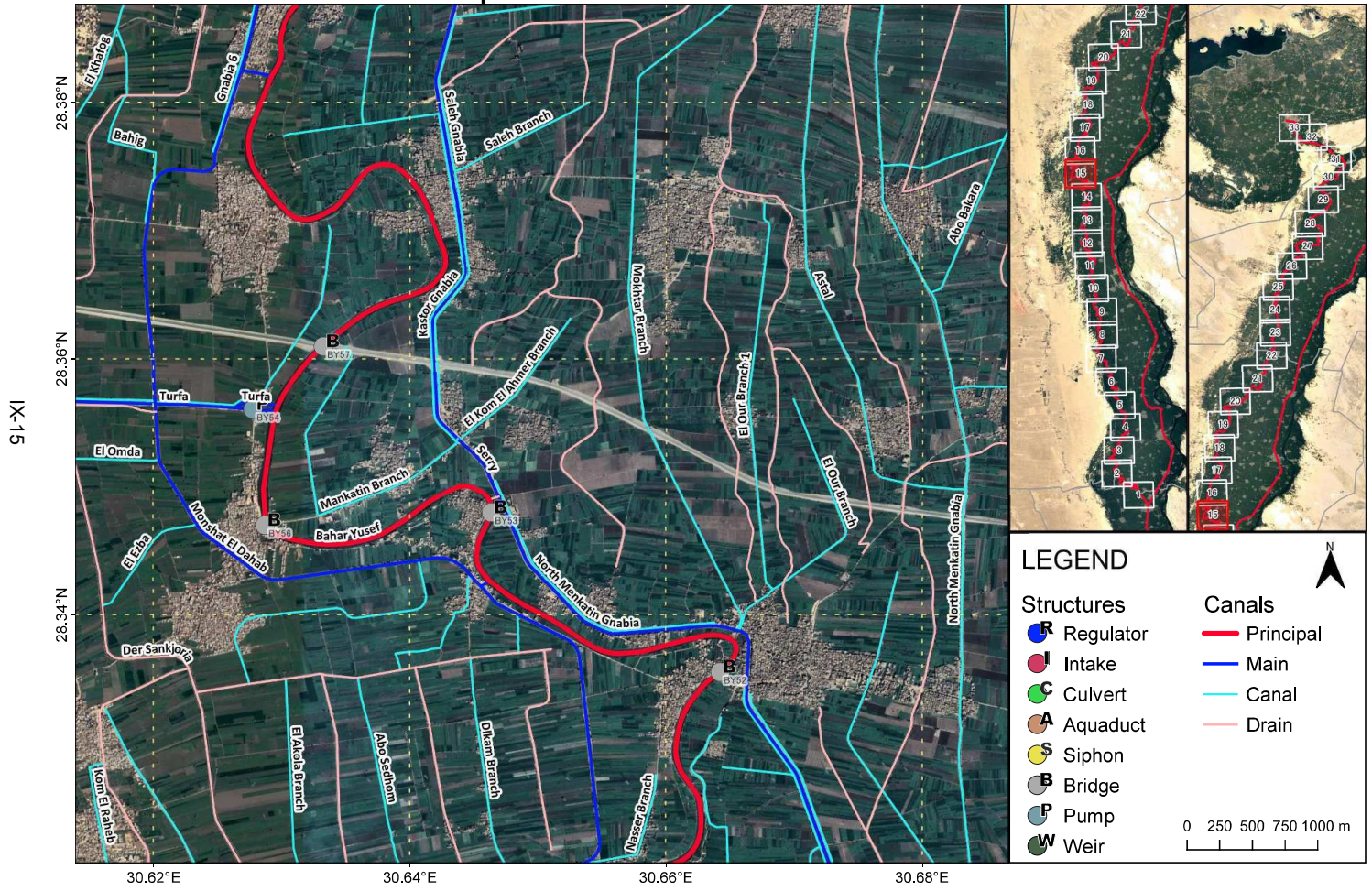
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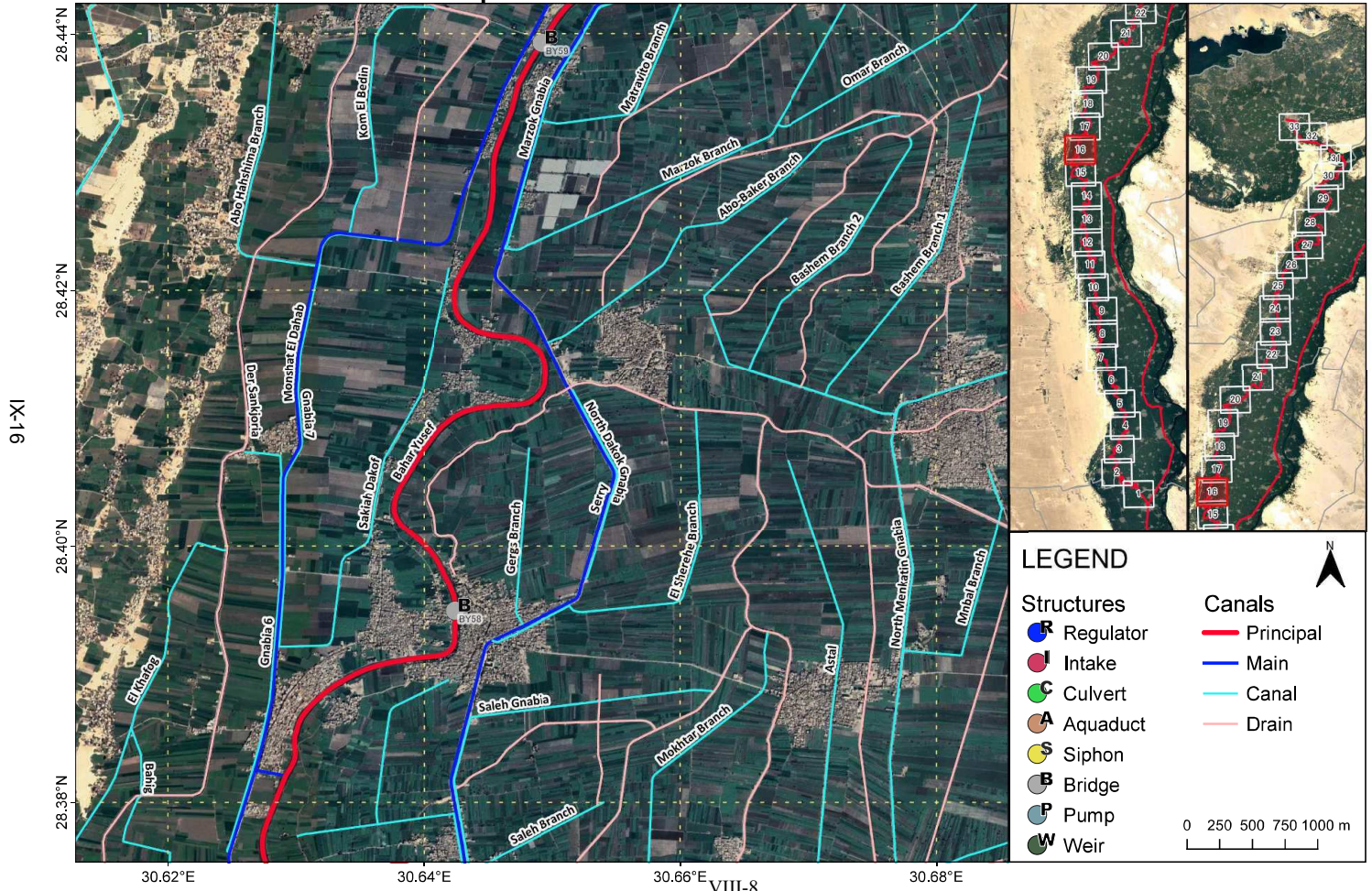
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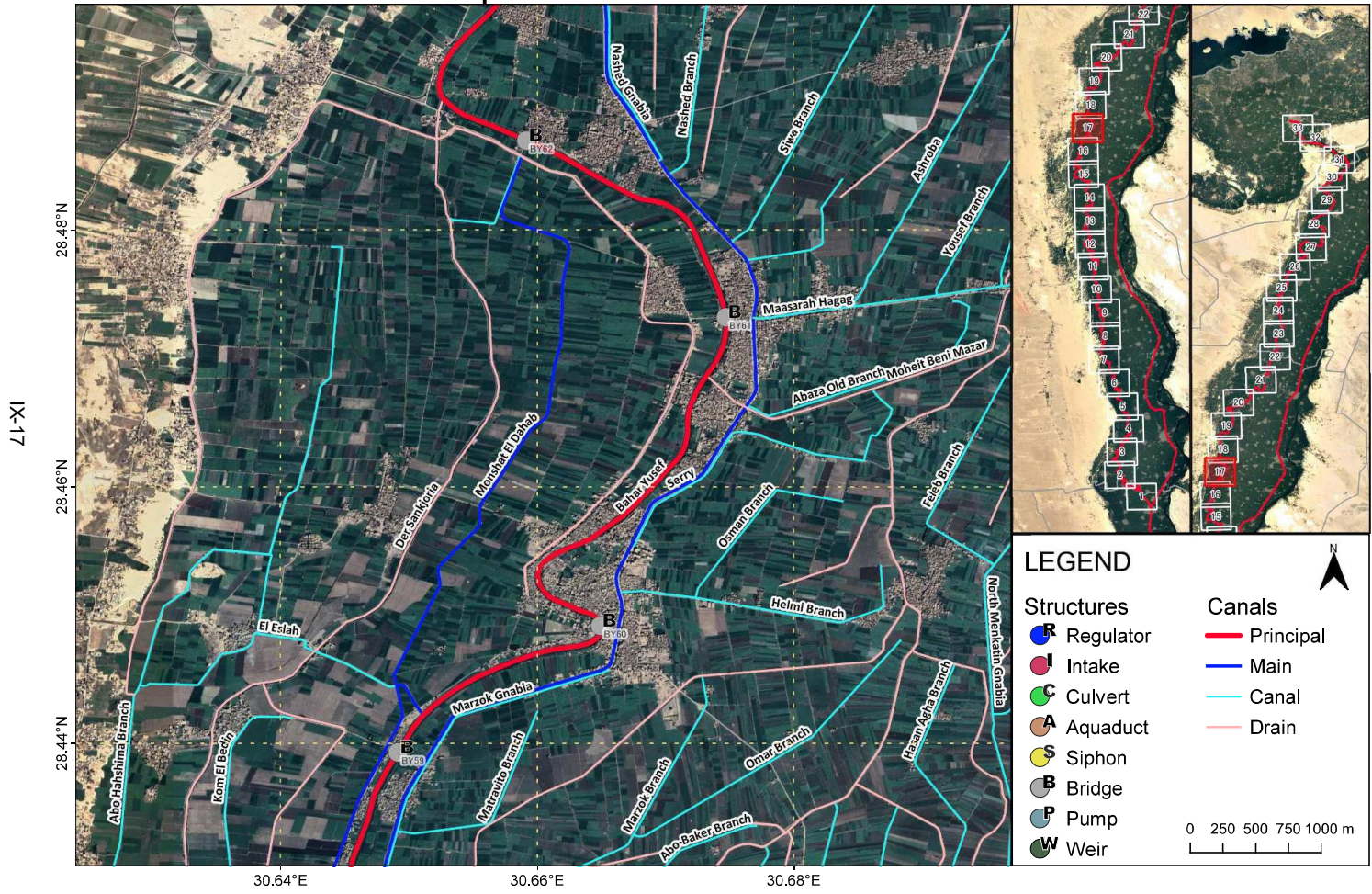
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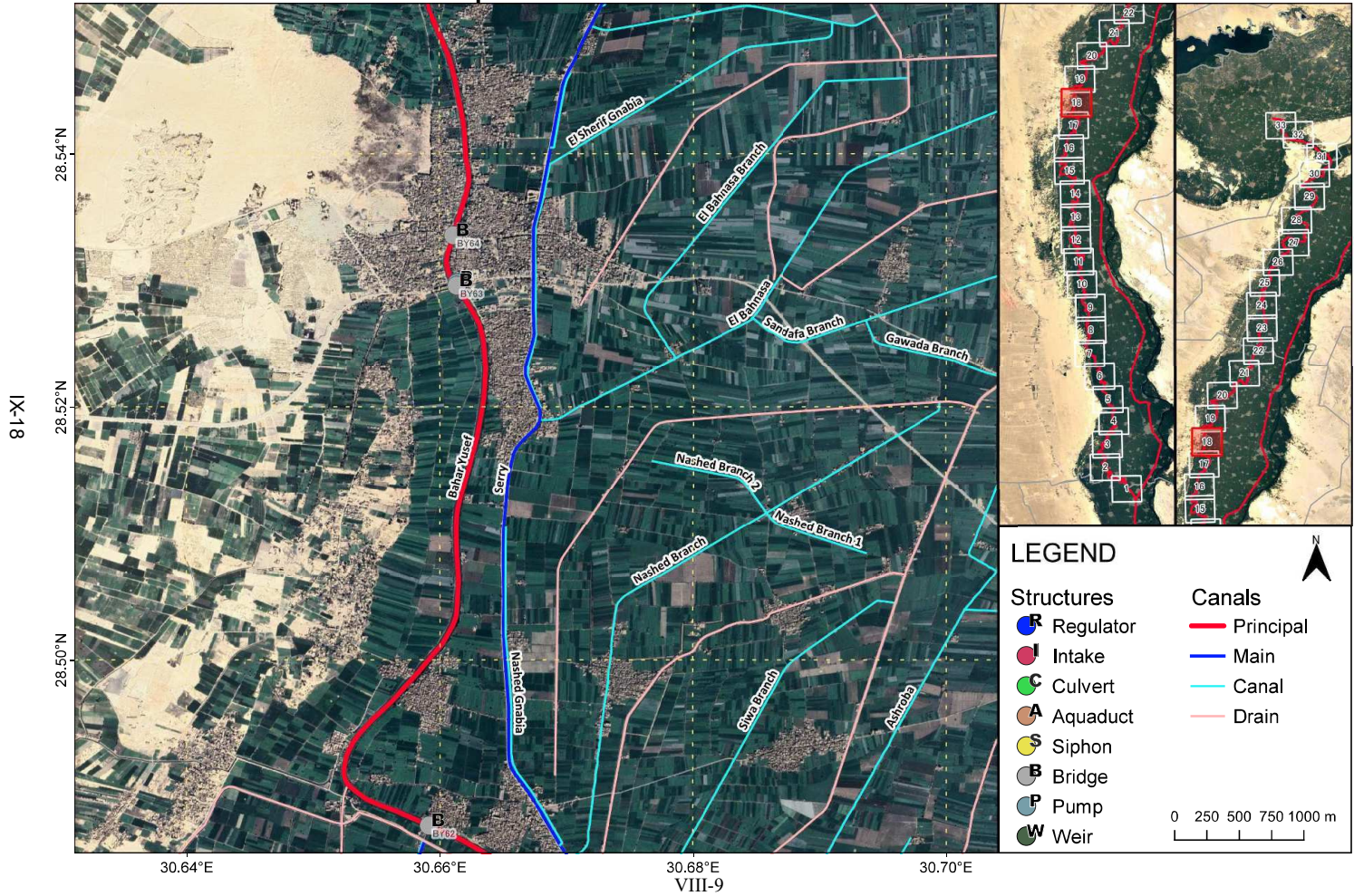
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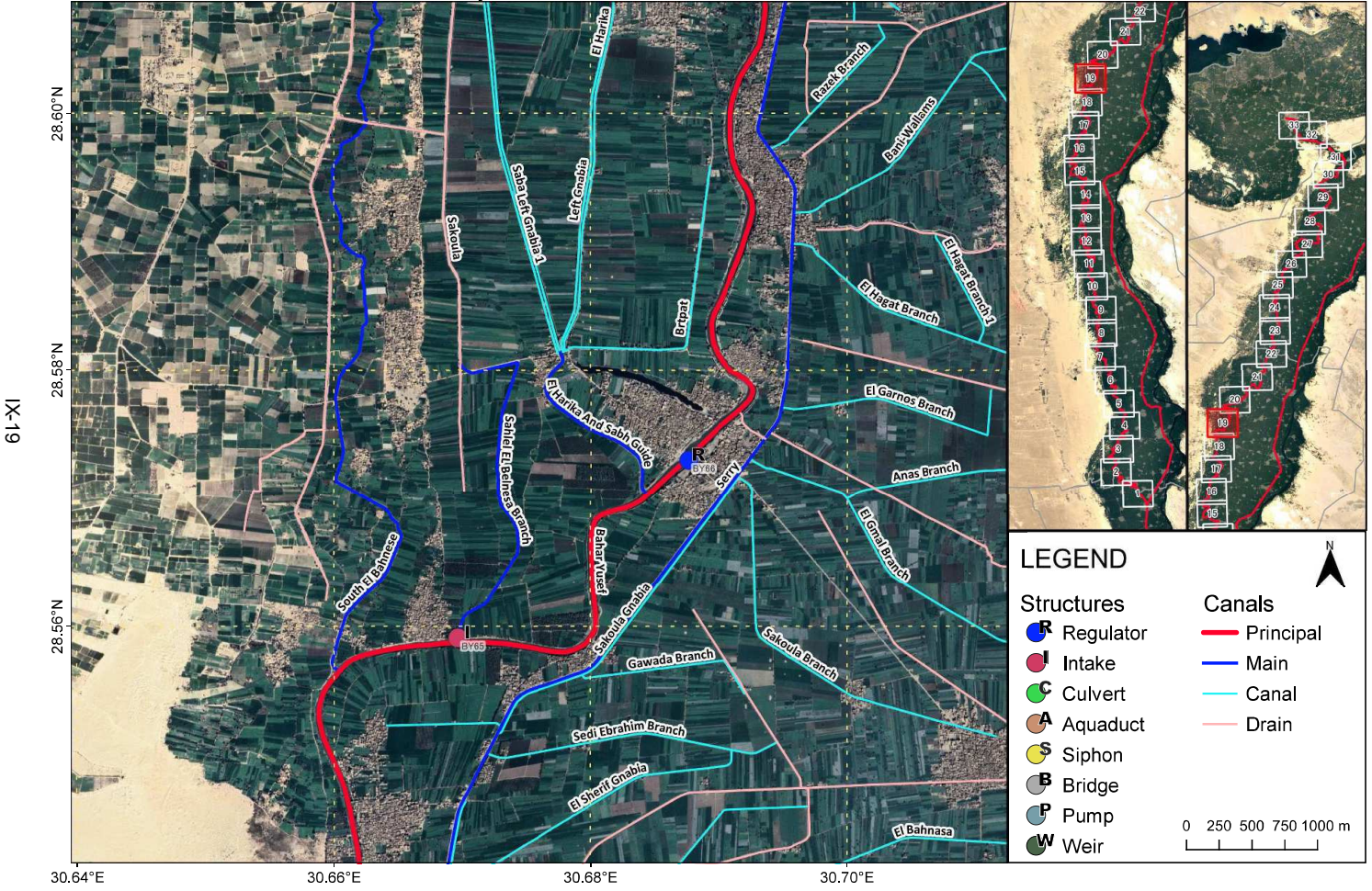
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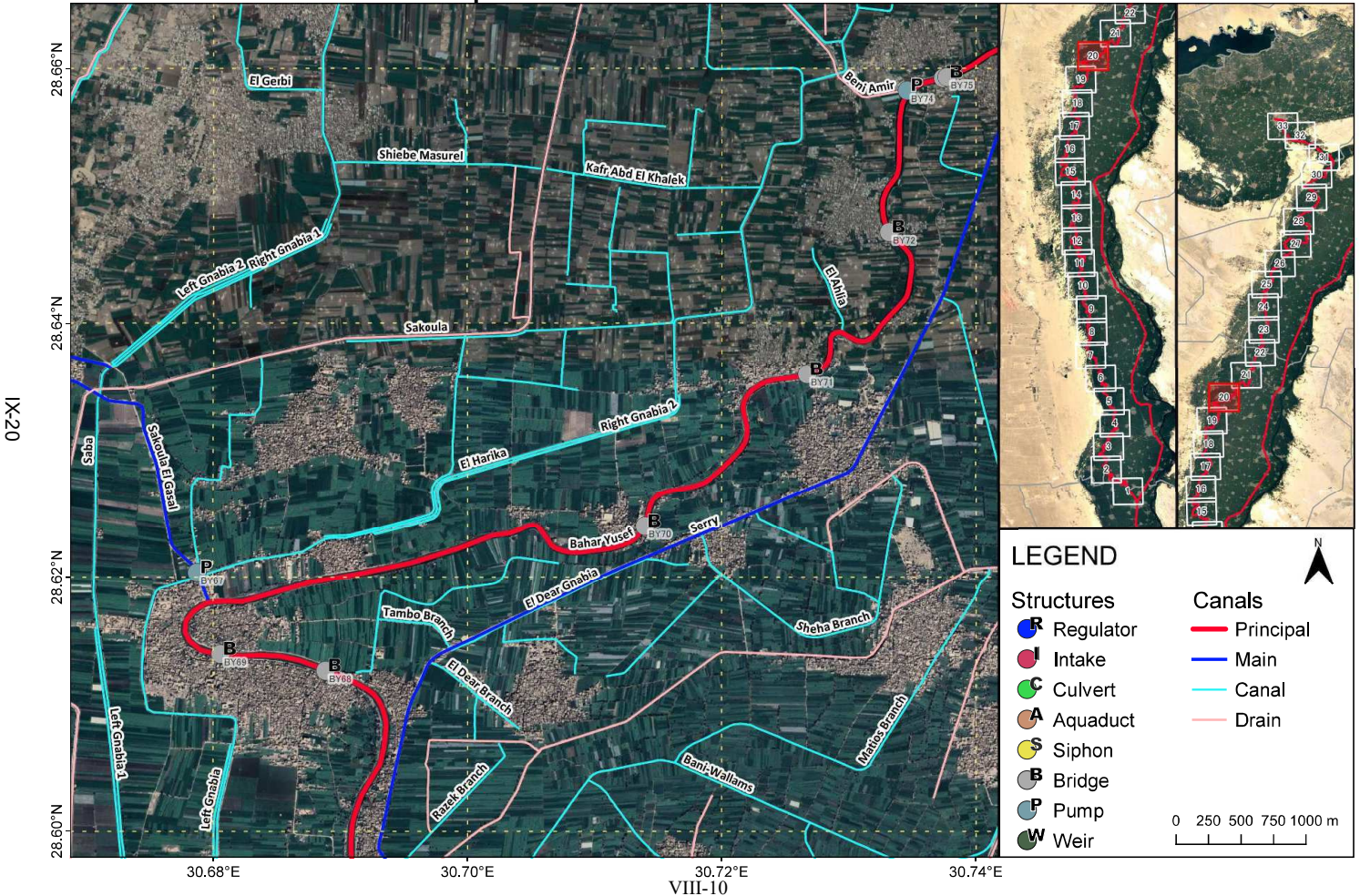
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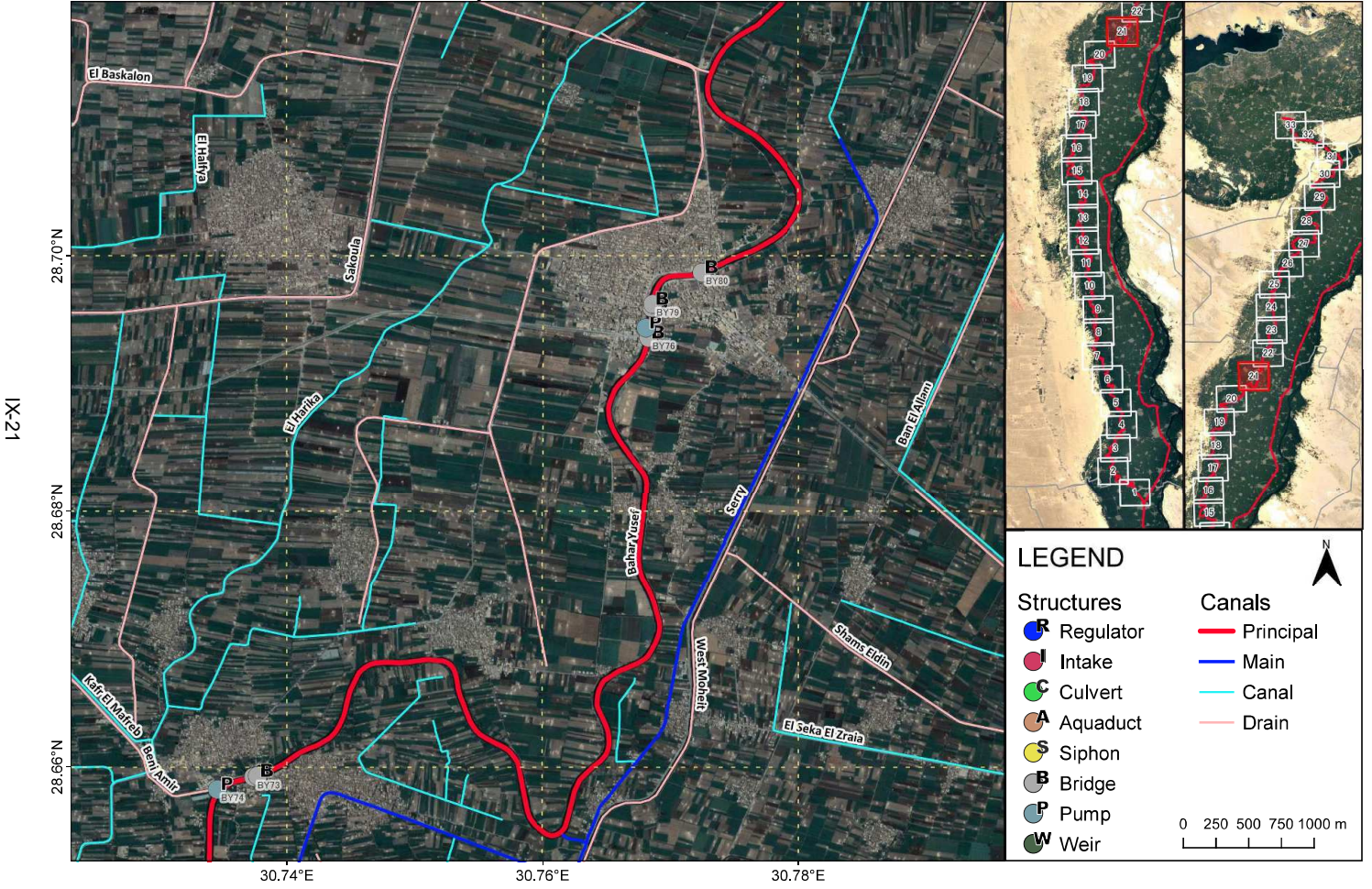
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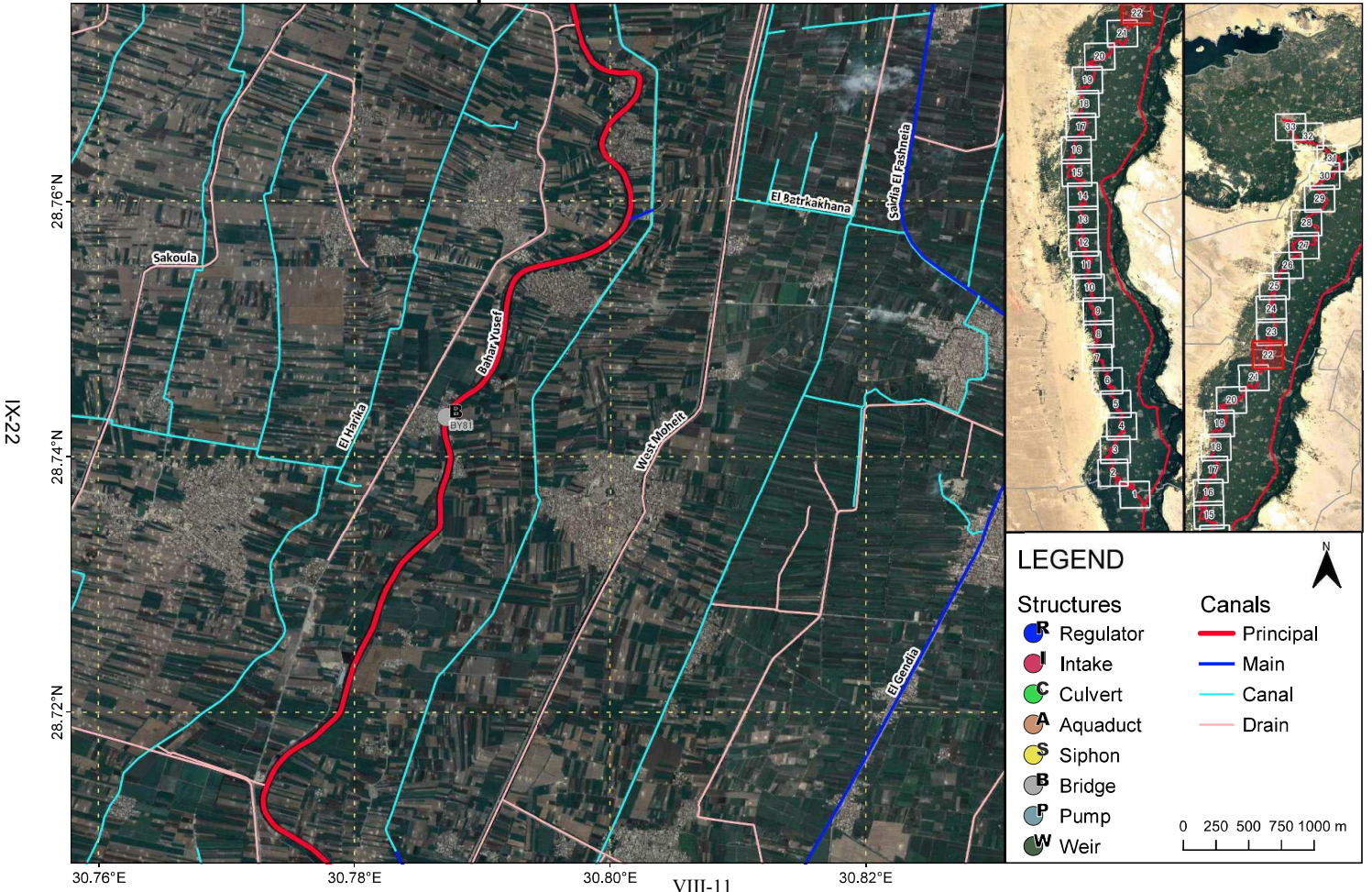
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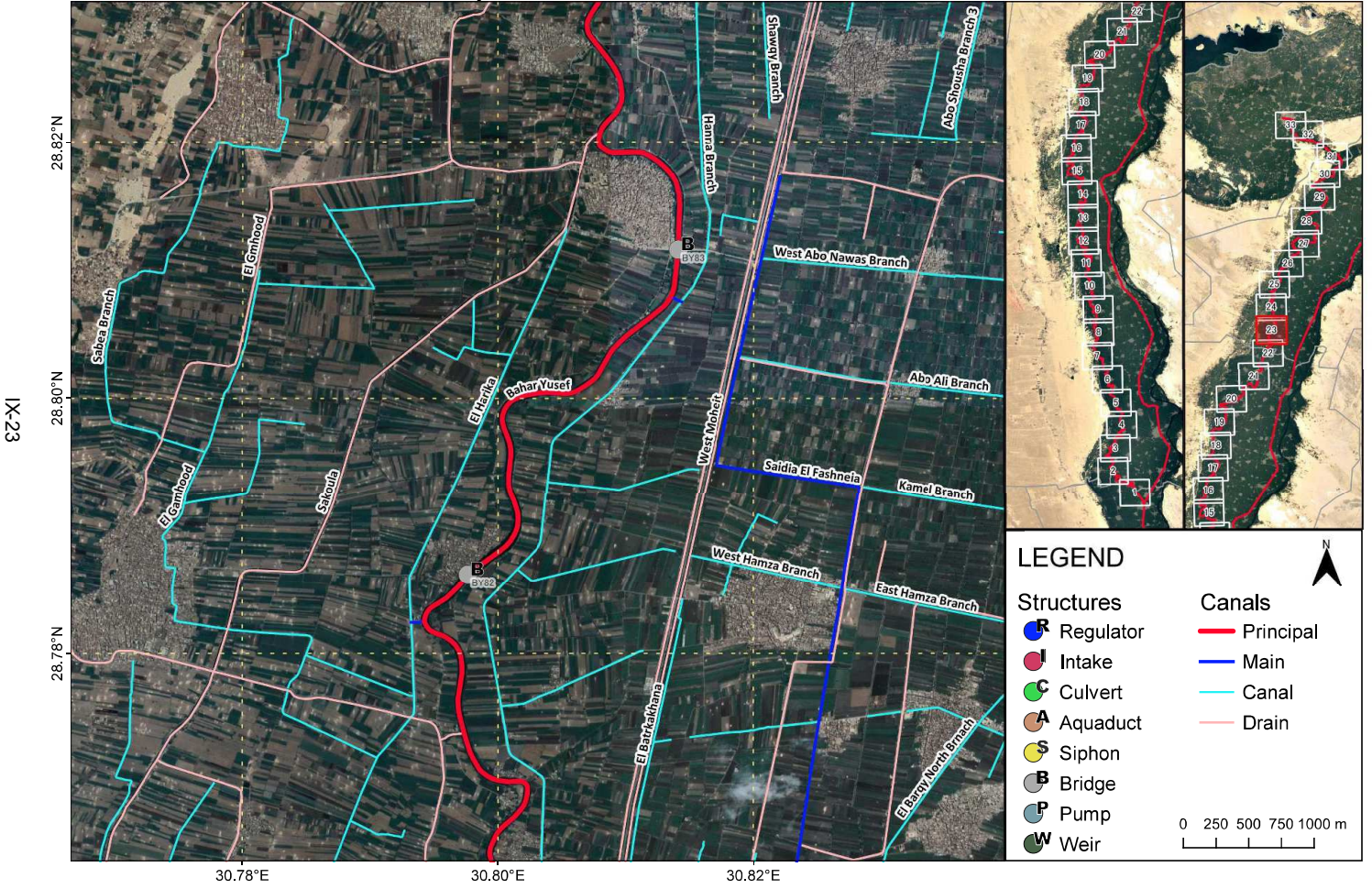


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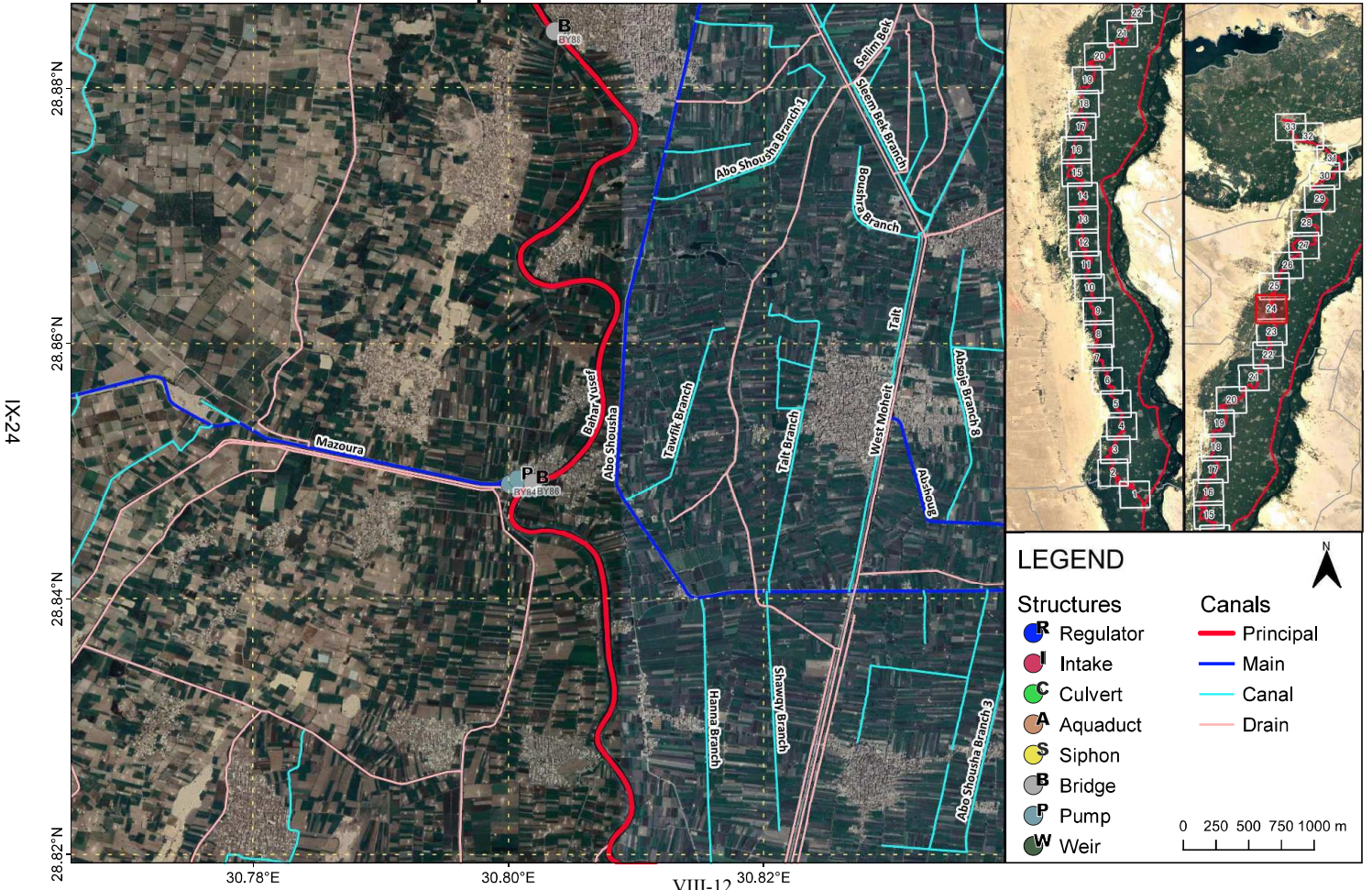




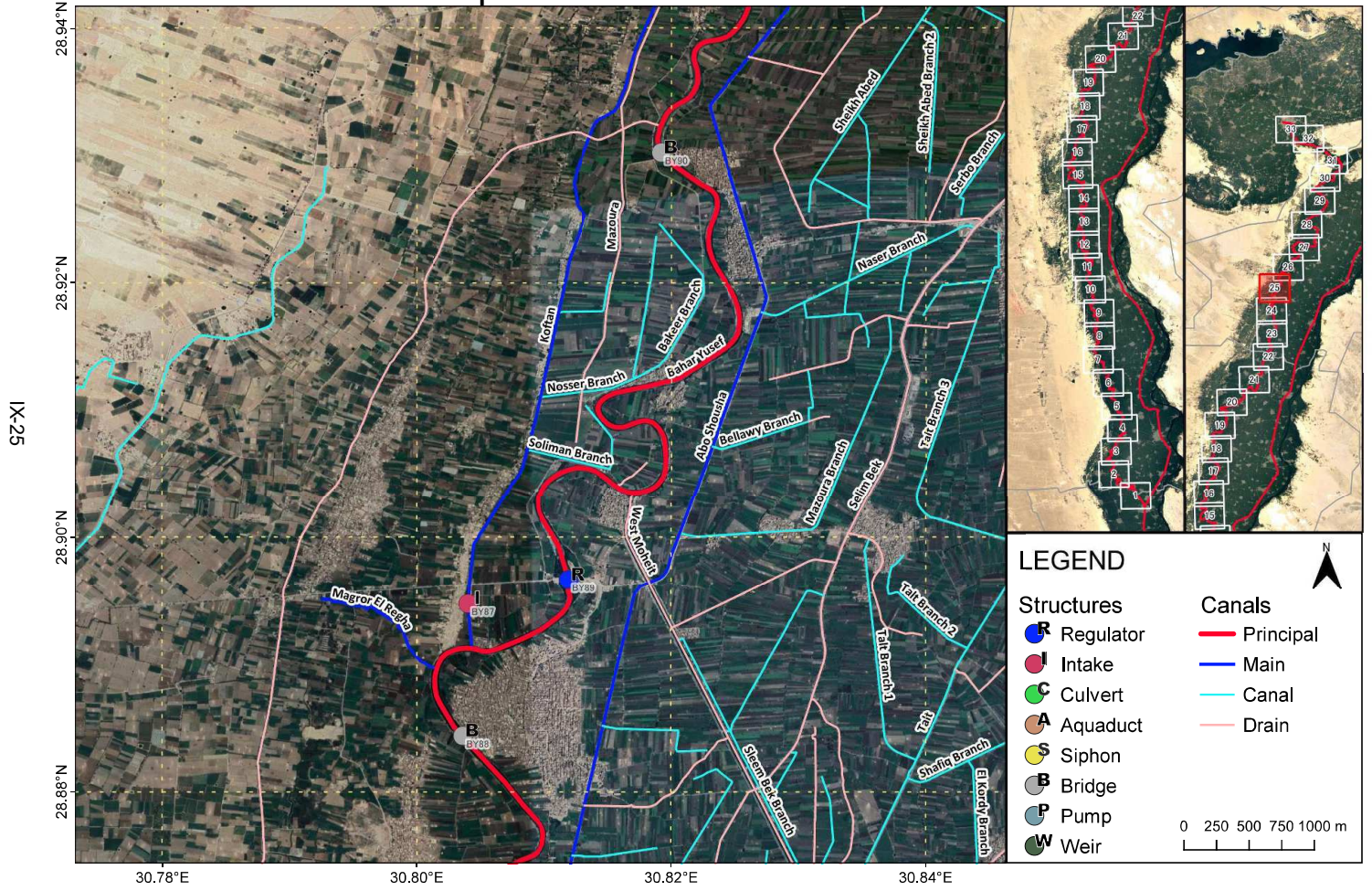
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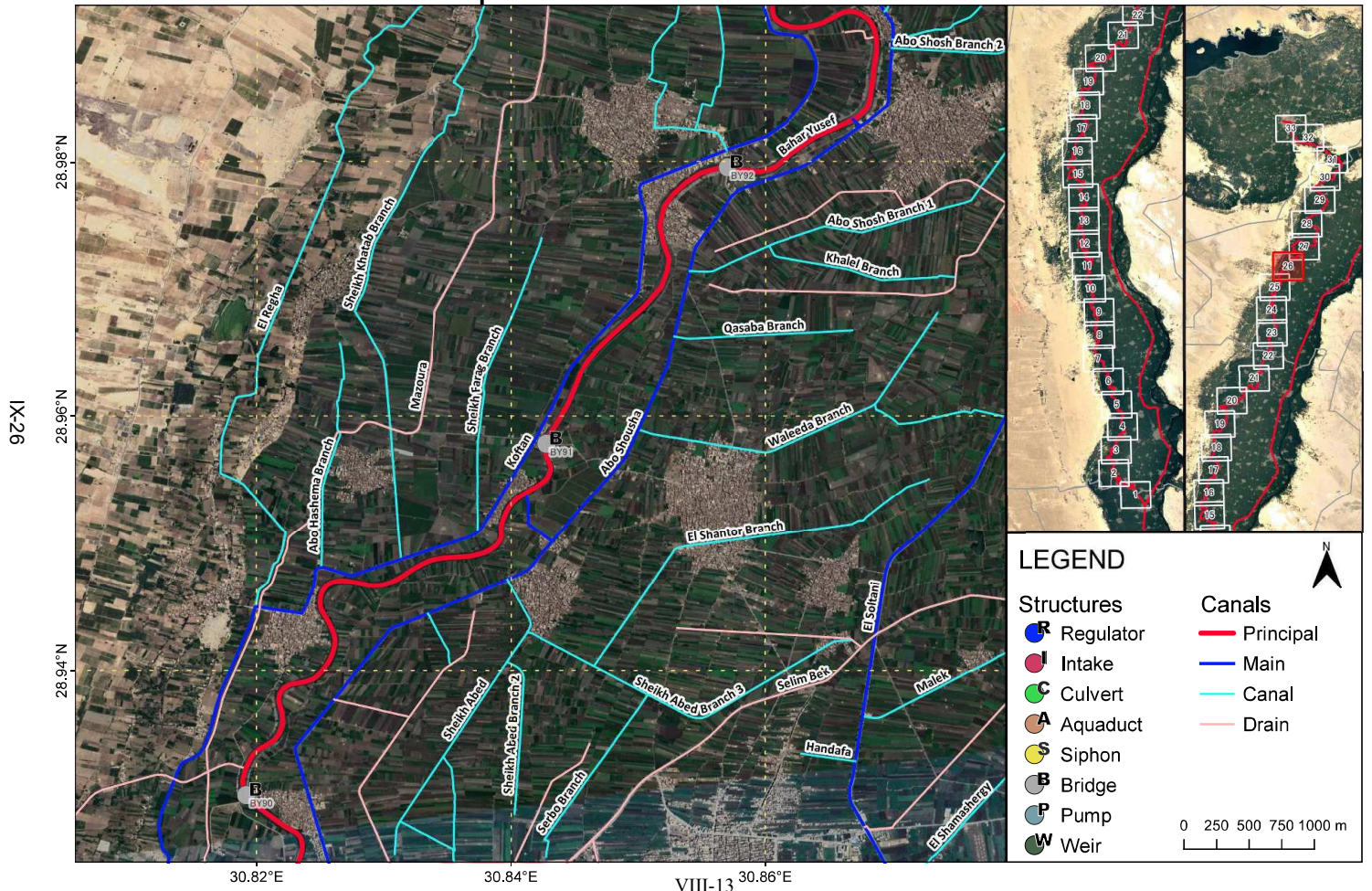
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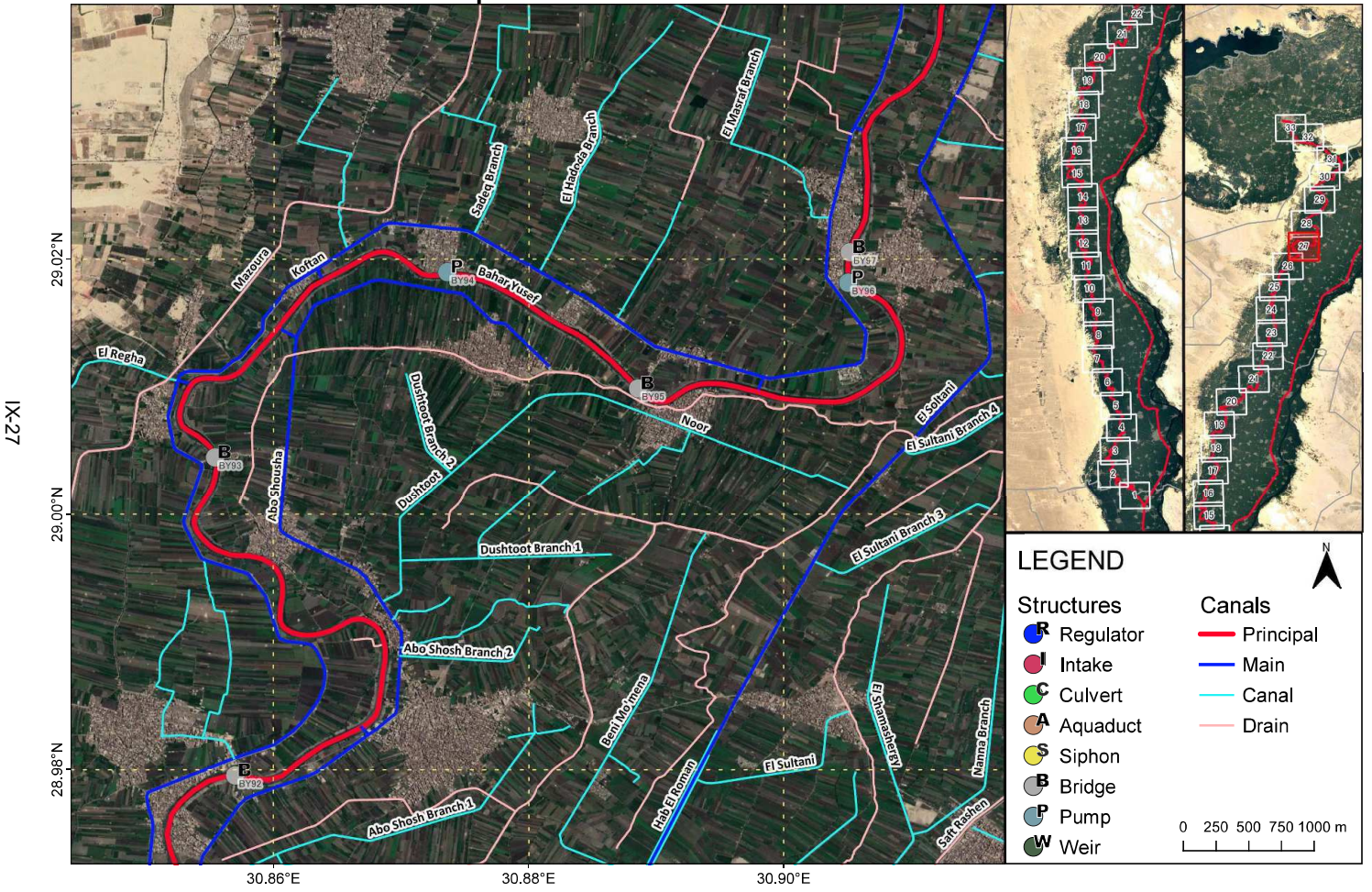
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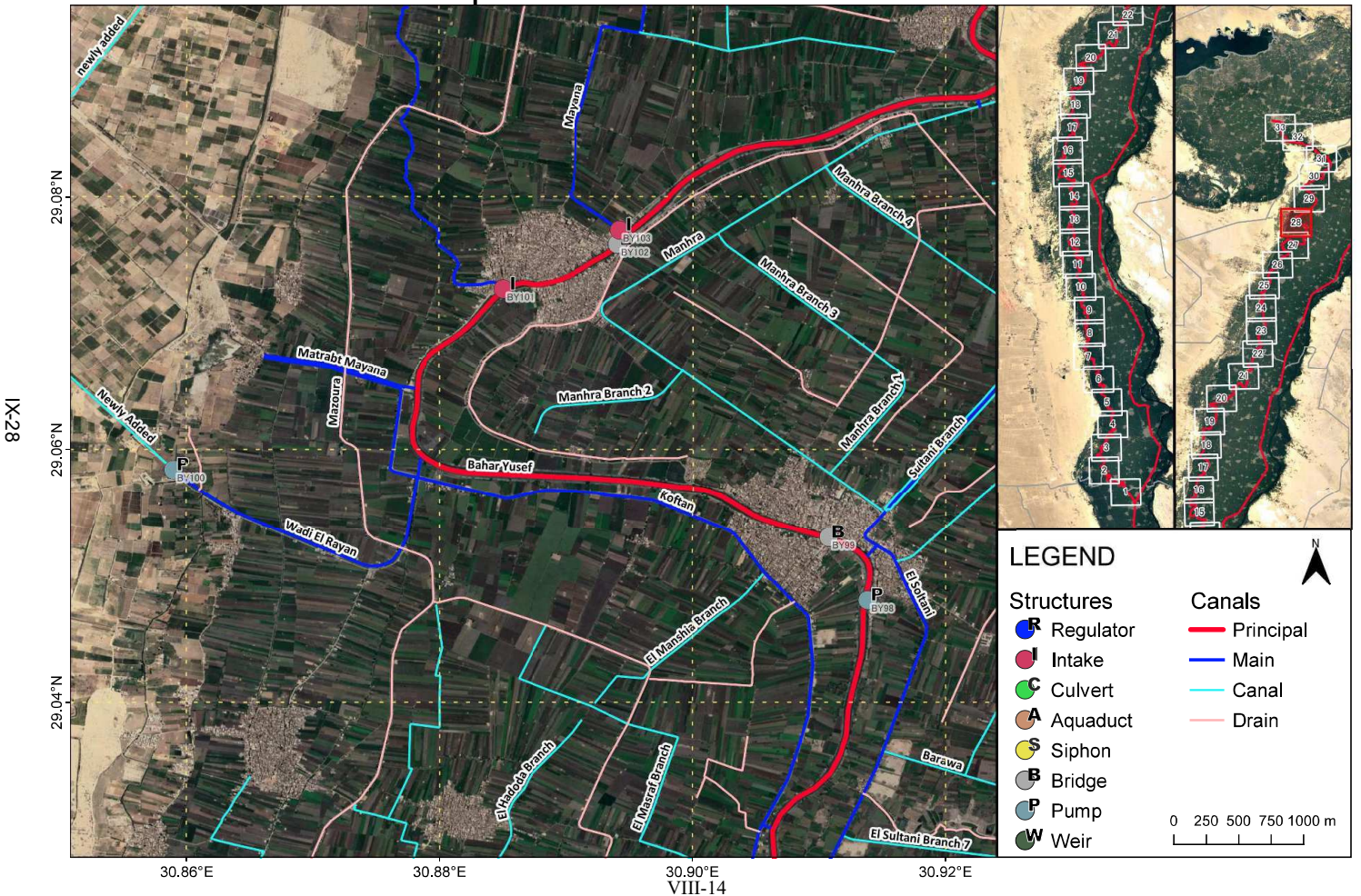
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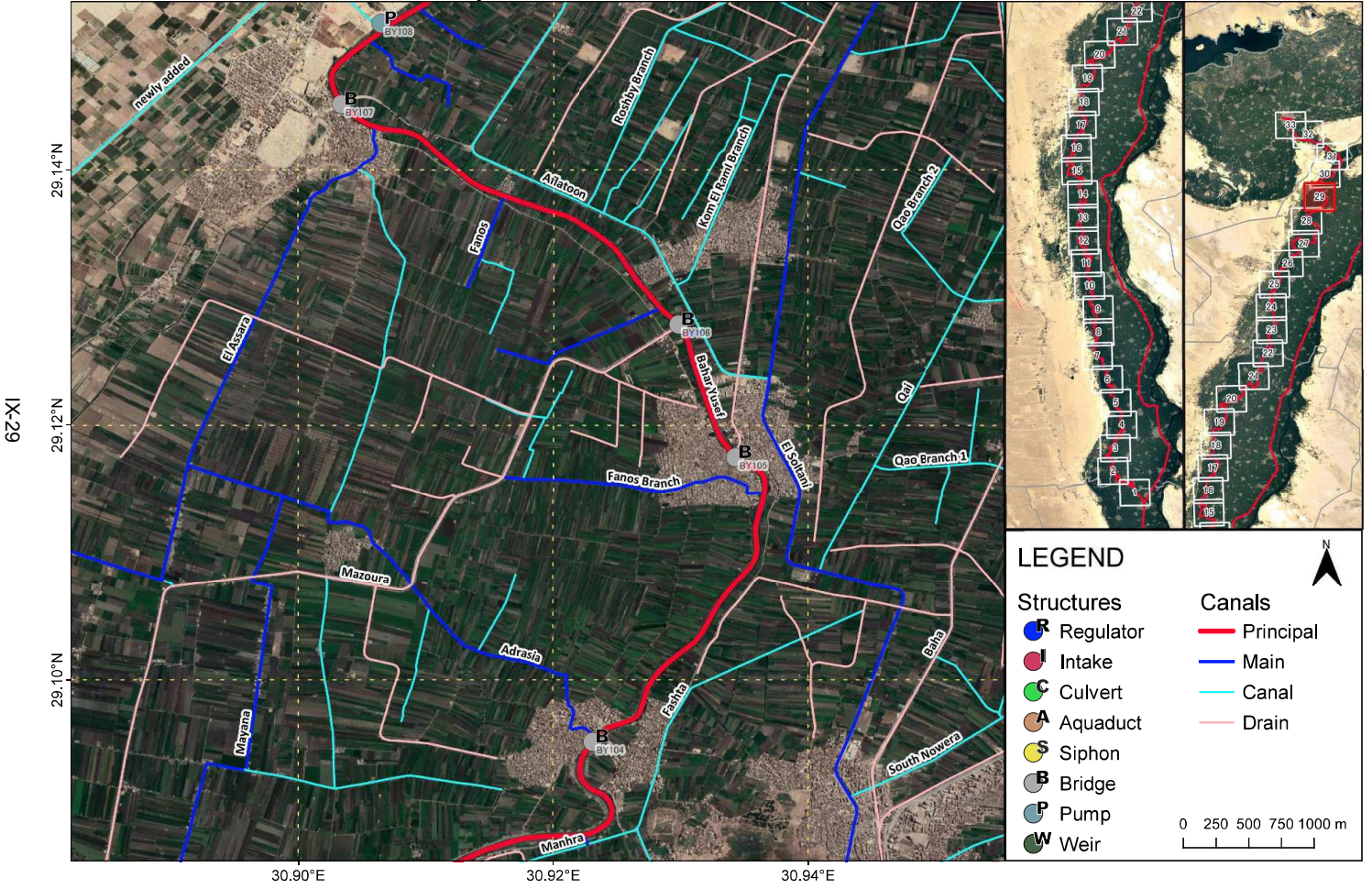
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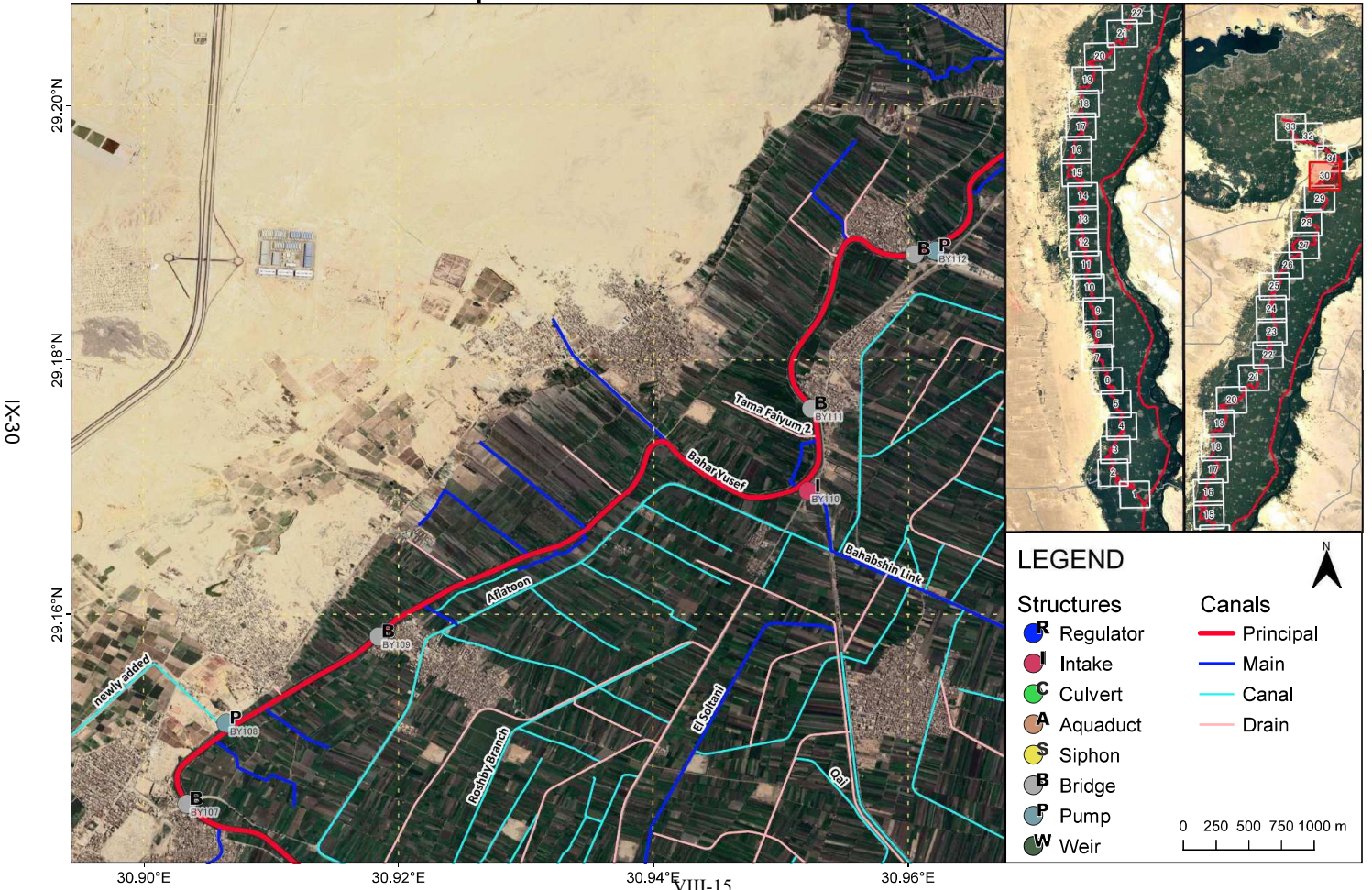
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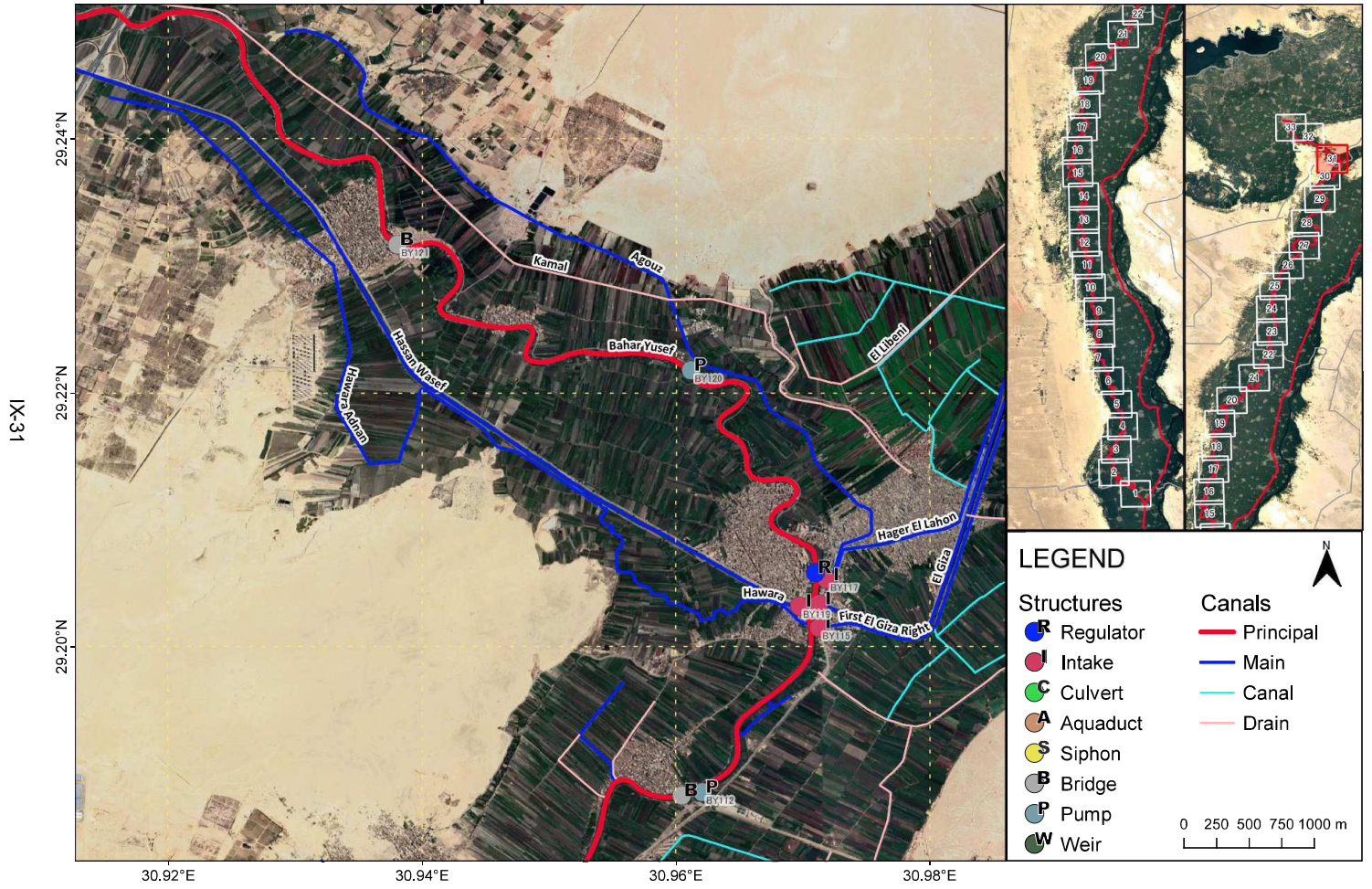
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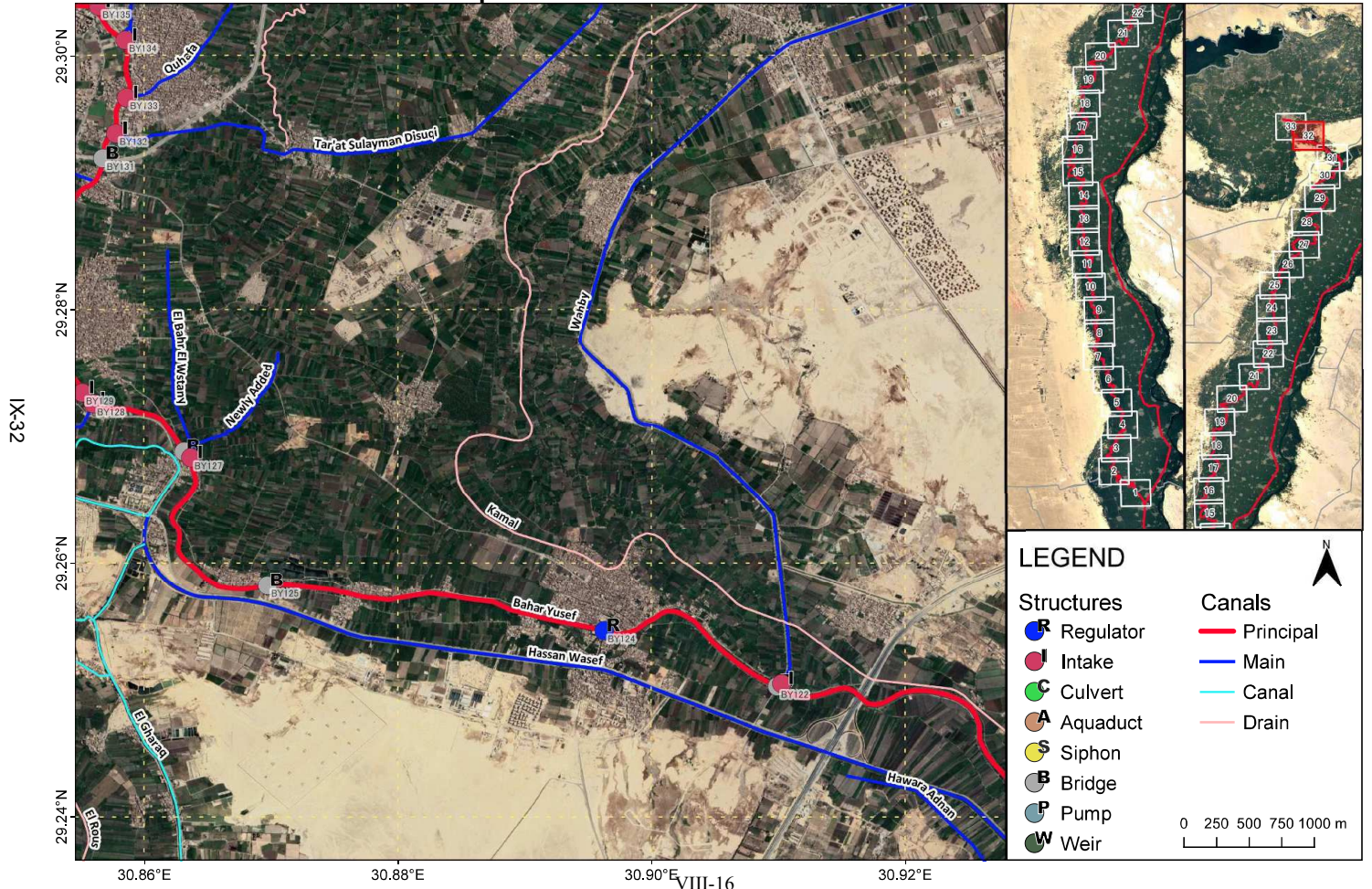
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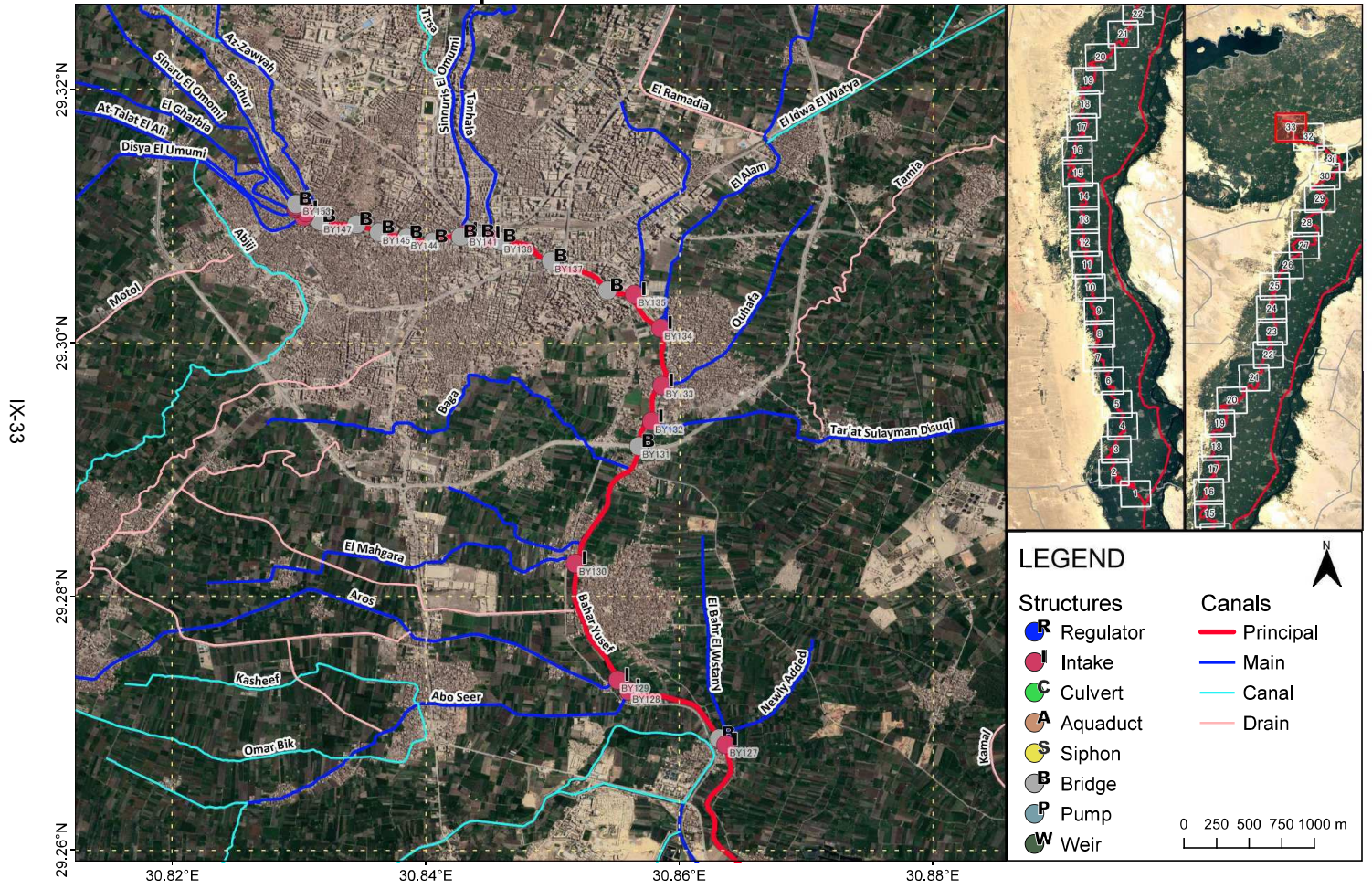
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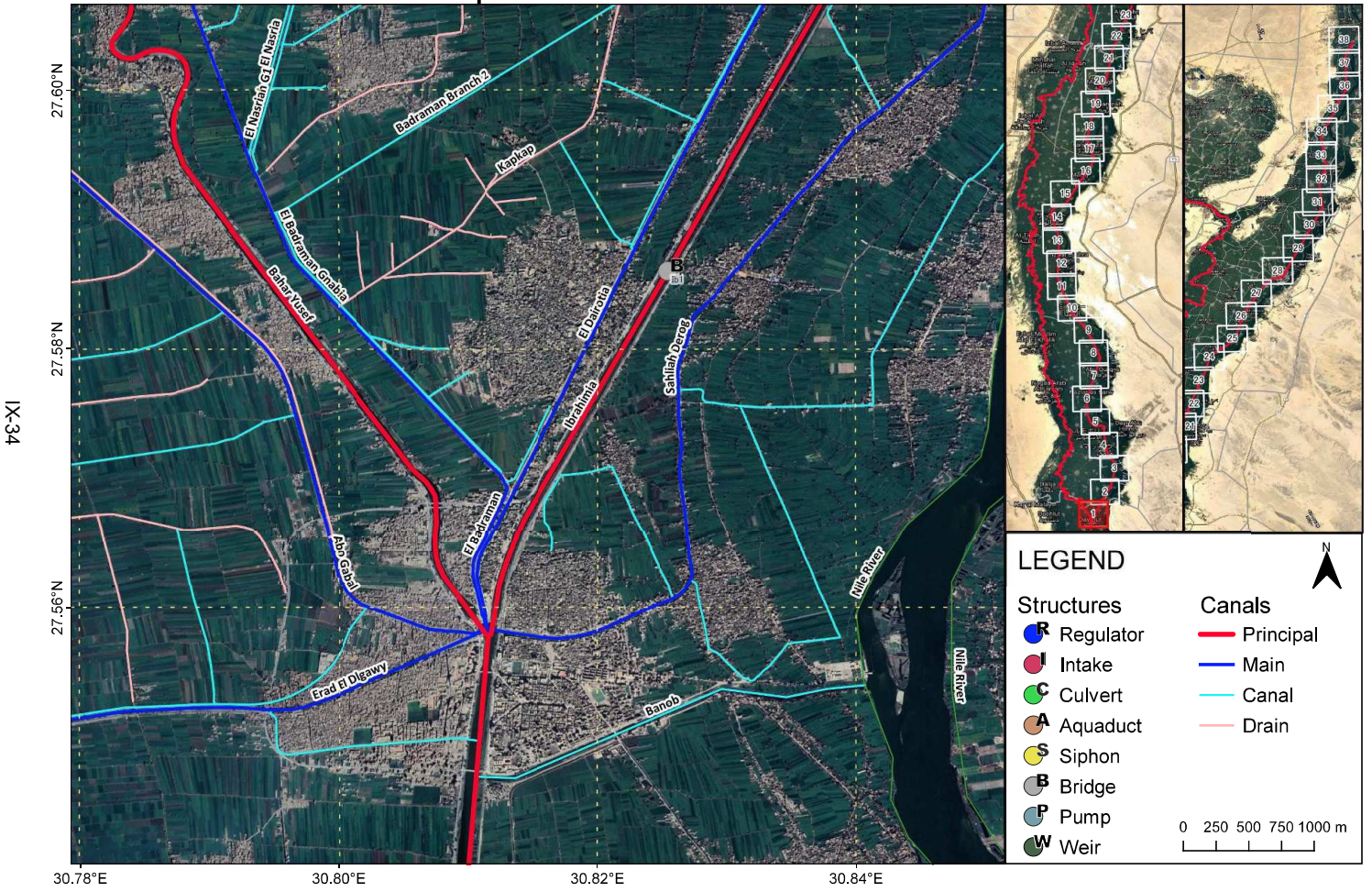
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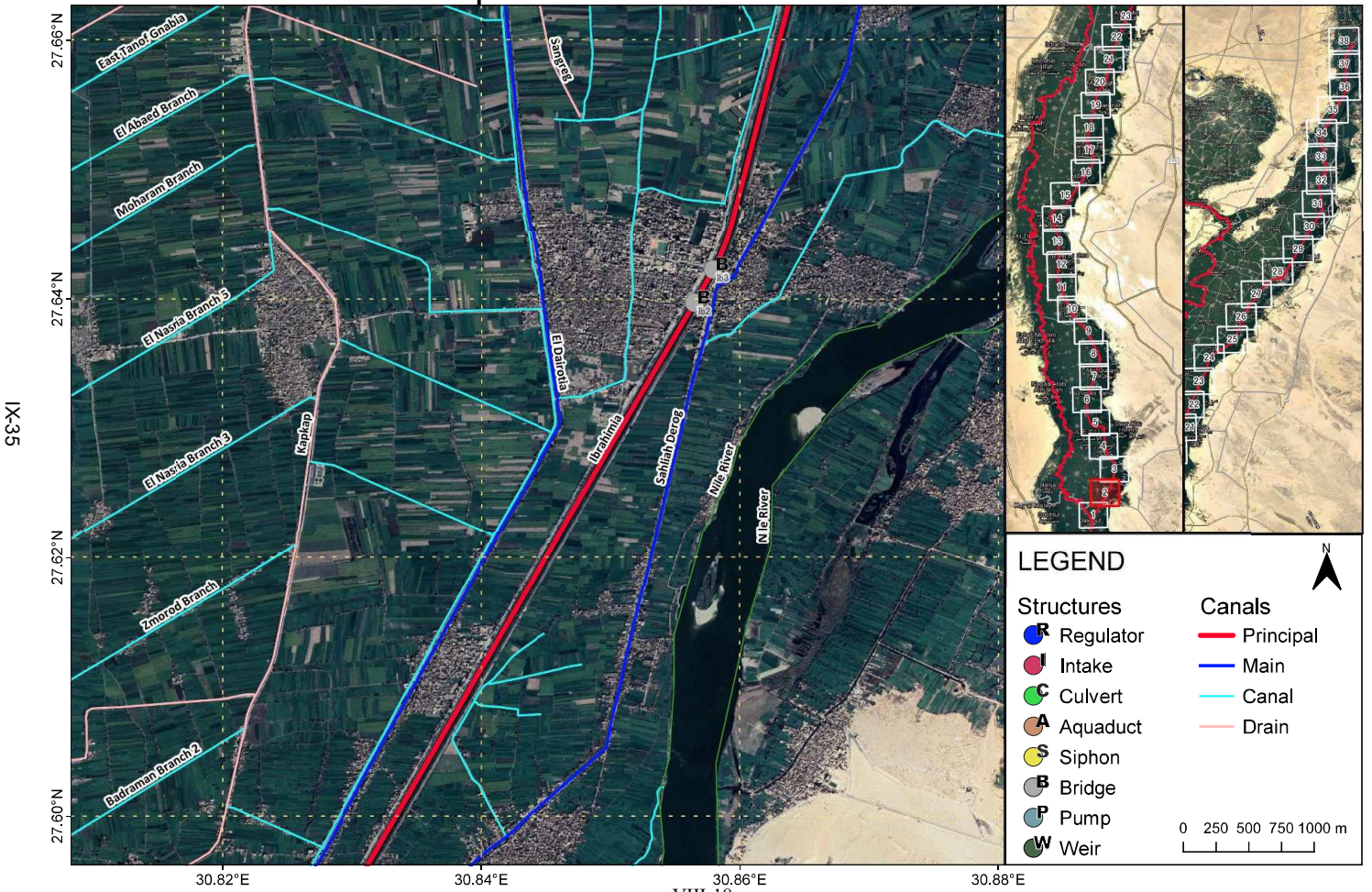
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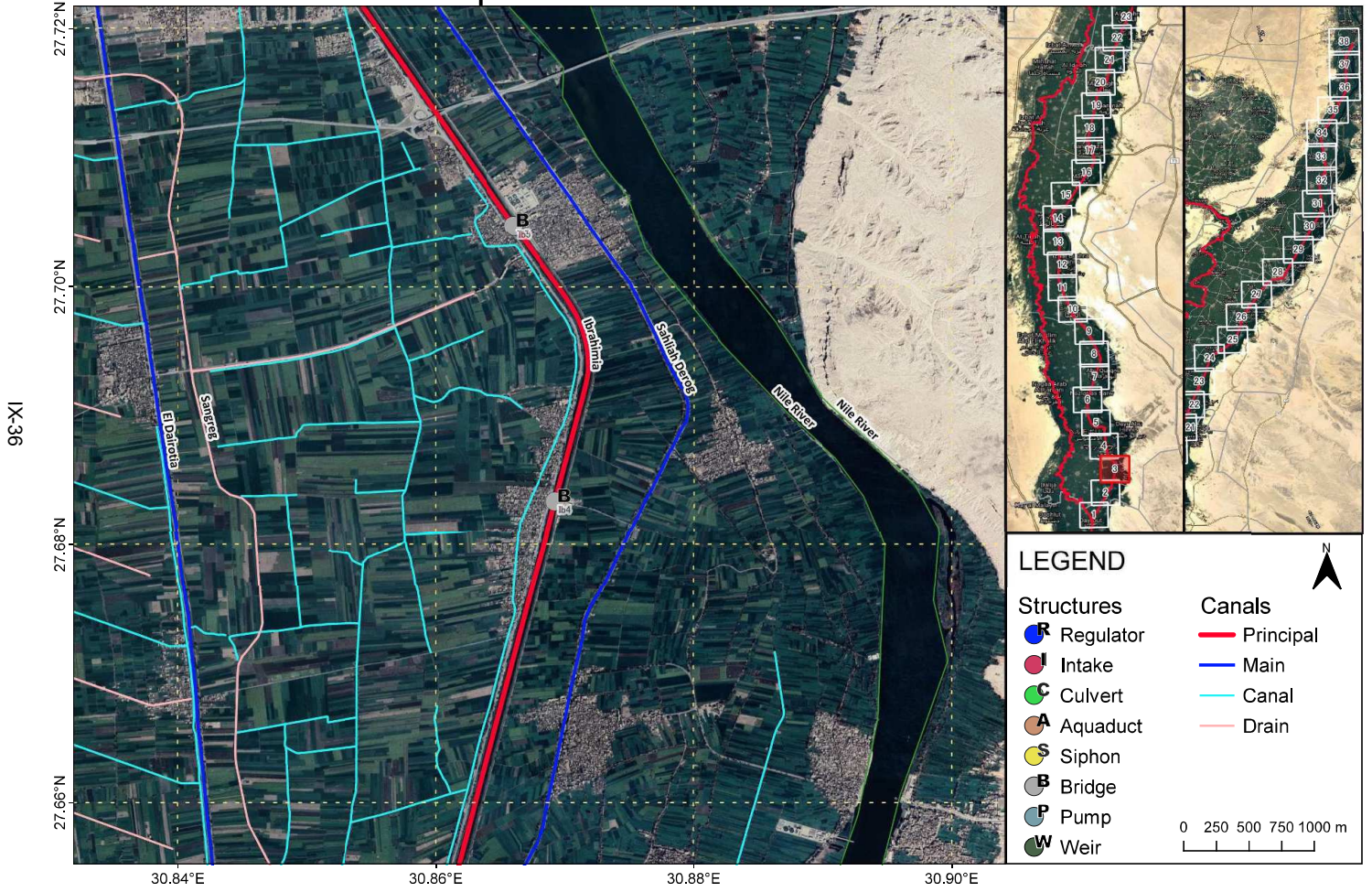
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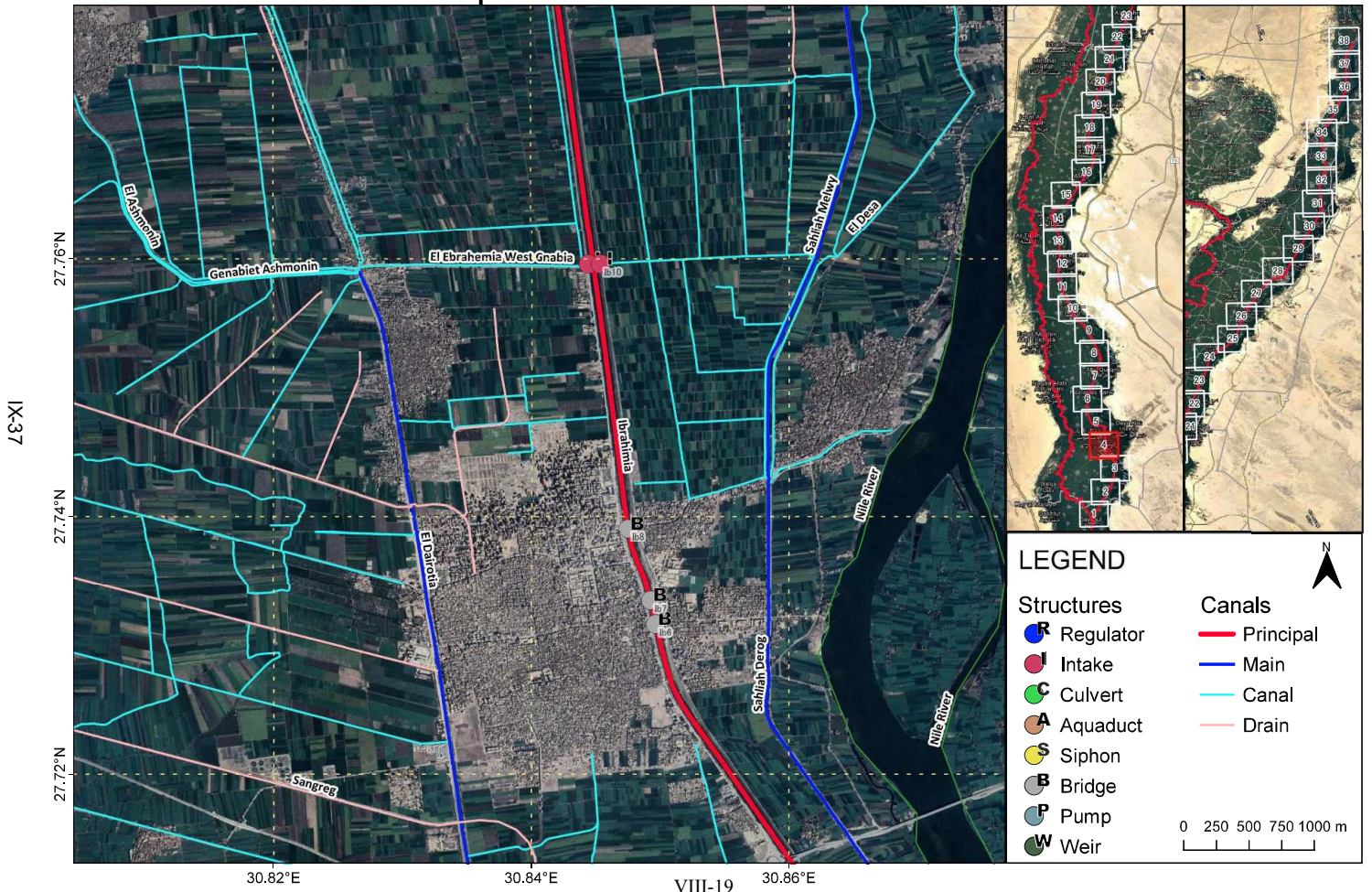
# Structure Location Map: Ibrahimia



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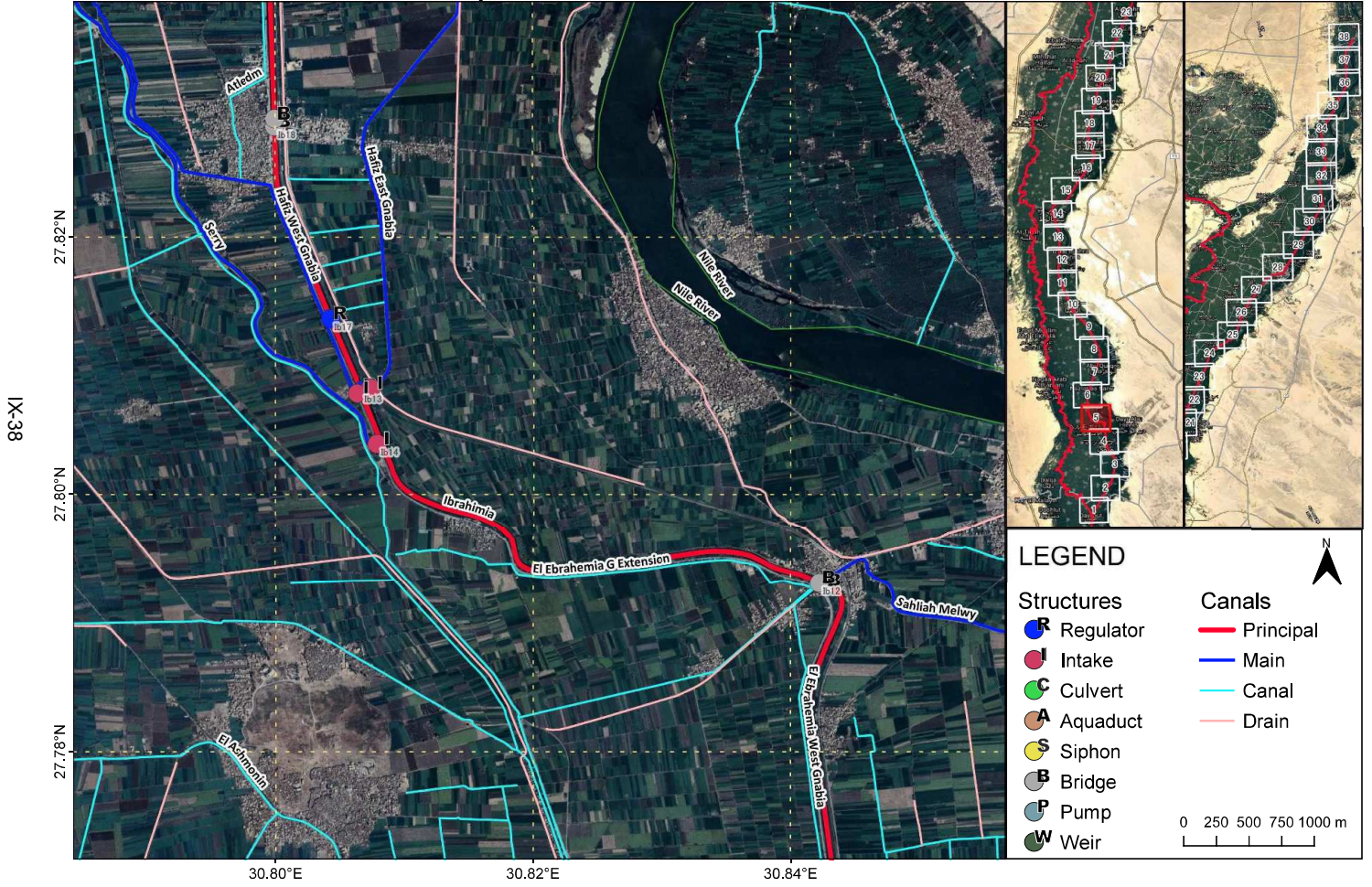


# Structure Location Map: Ibrahimia

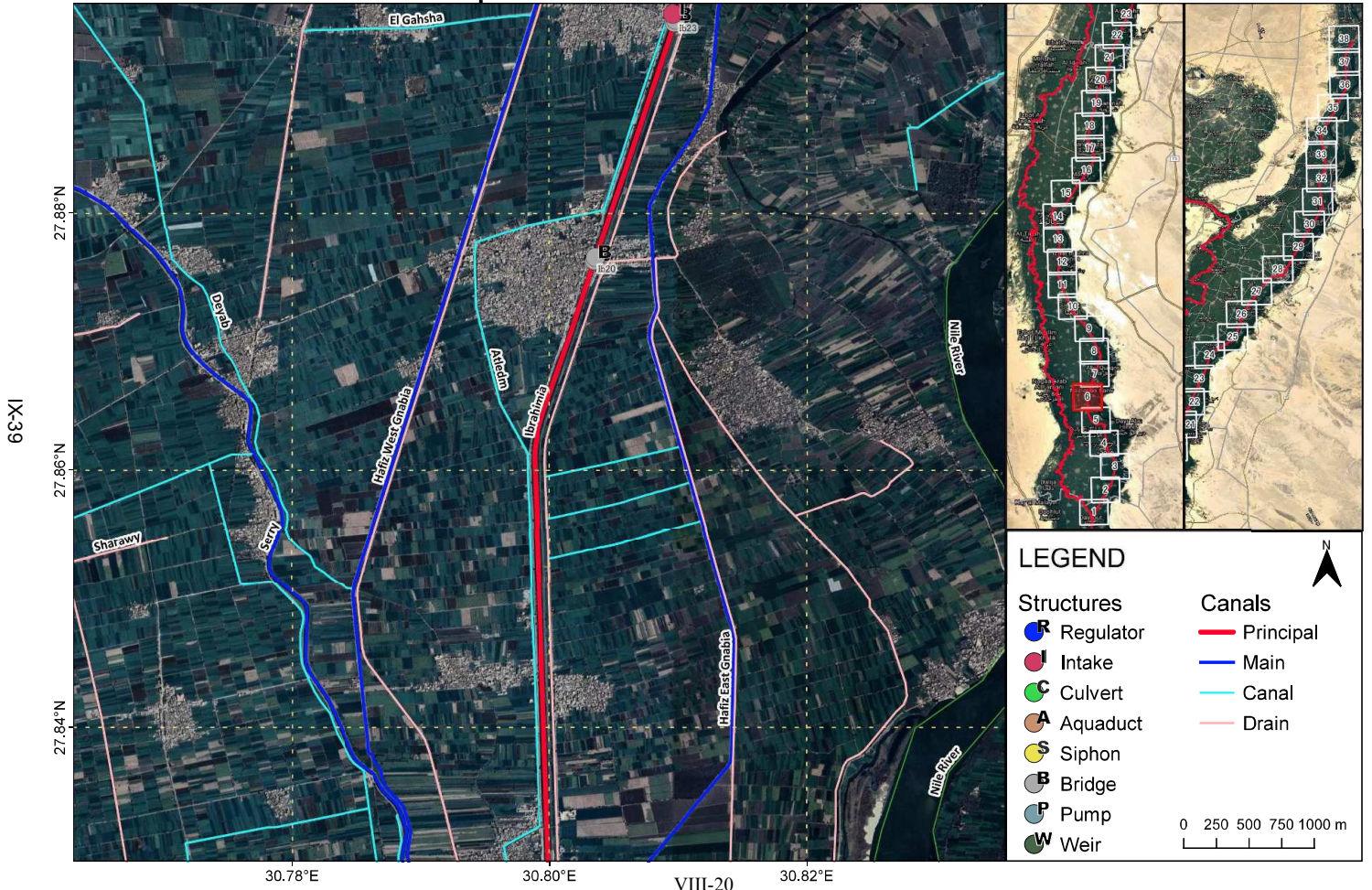




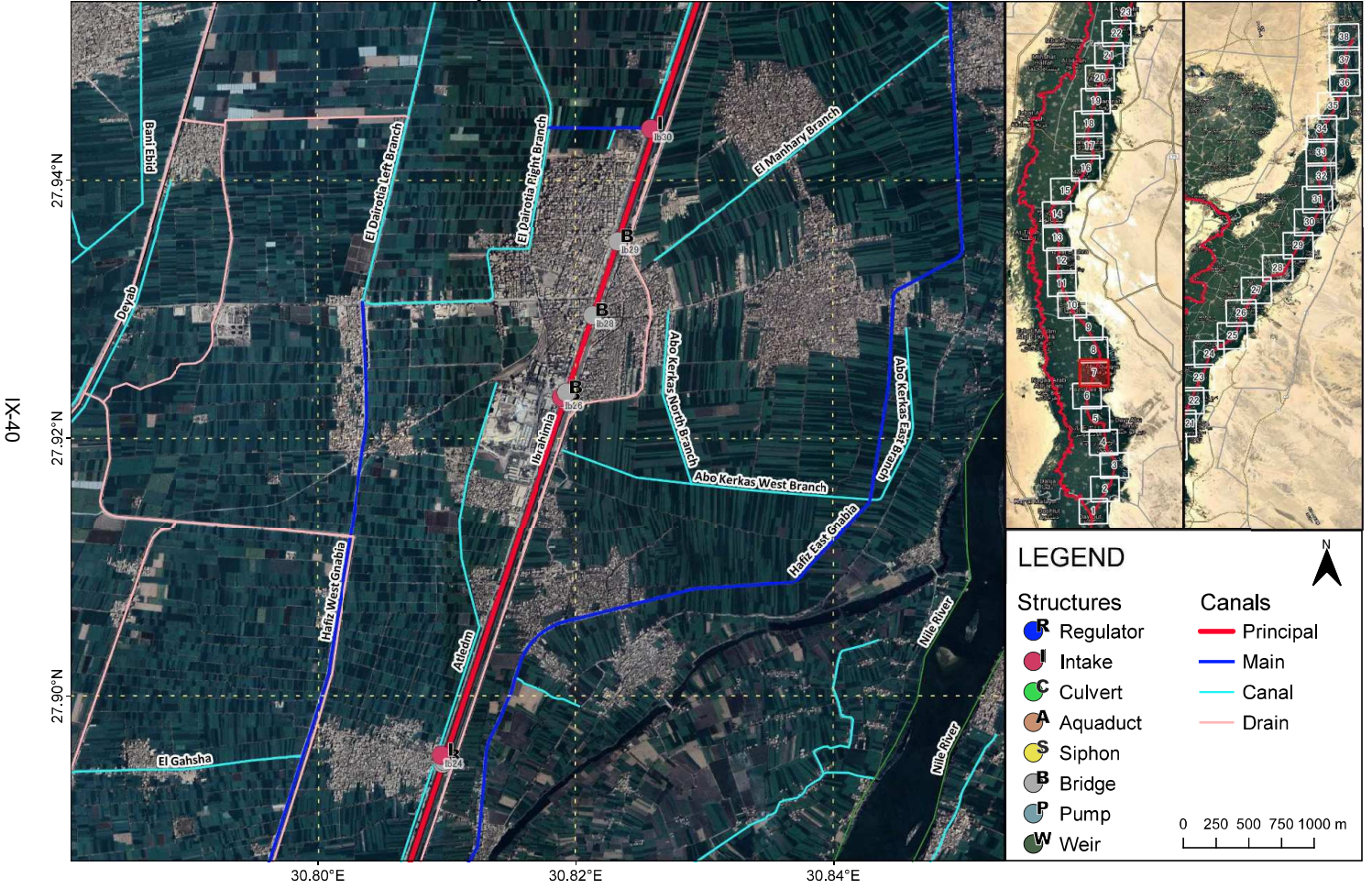
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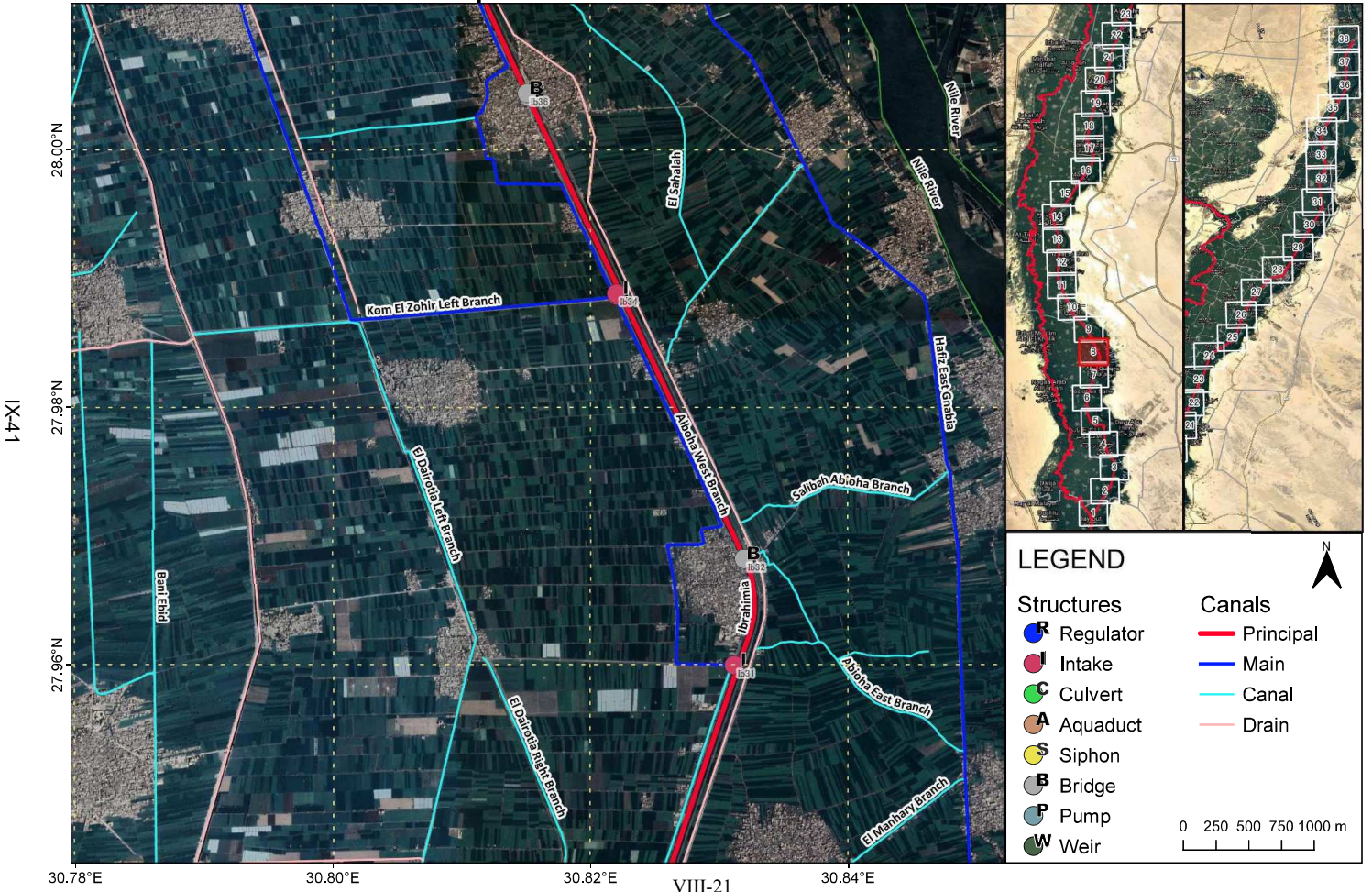
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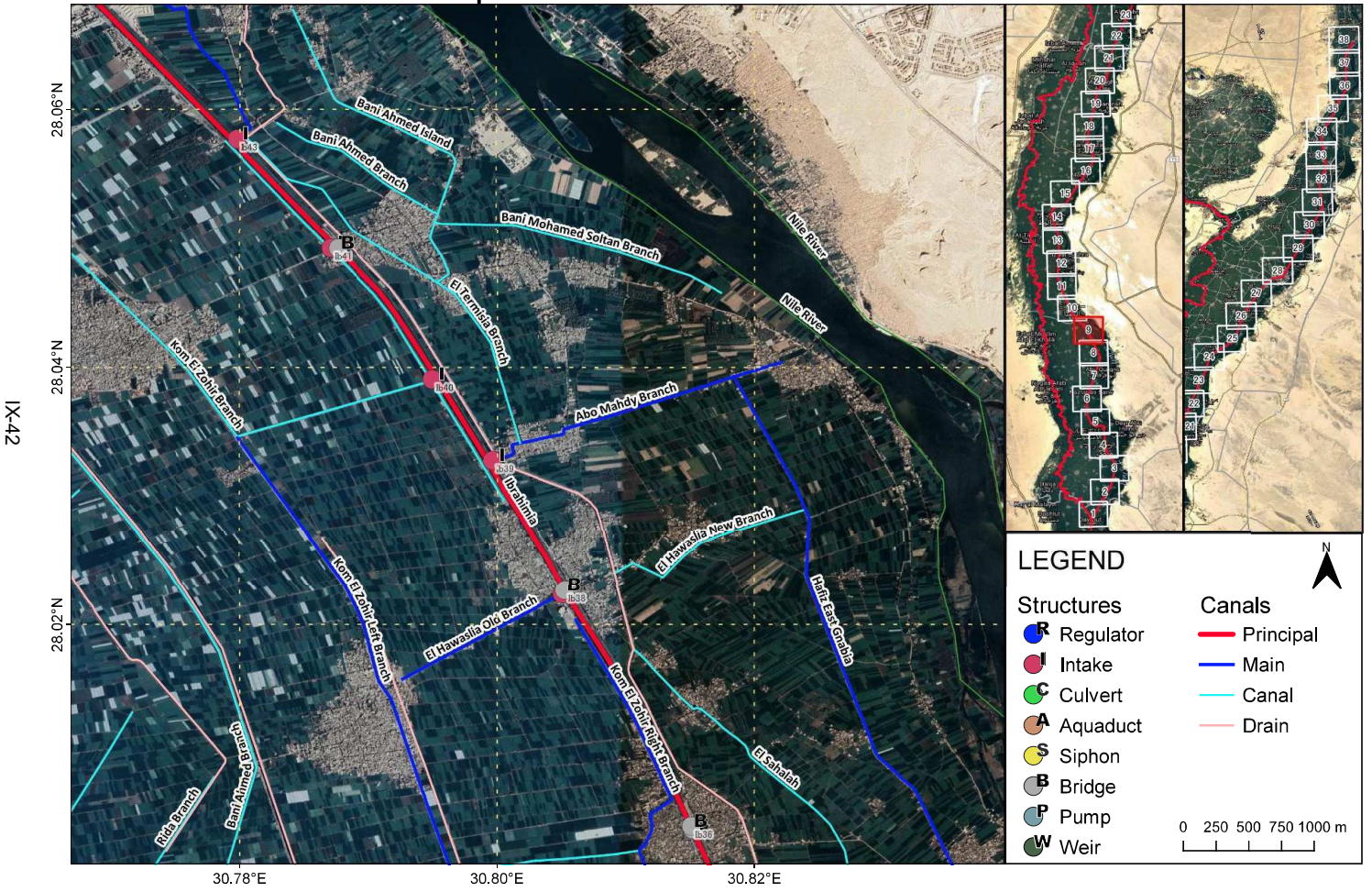
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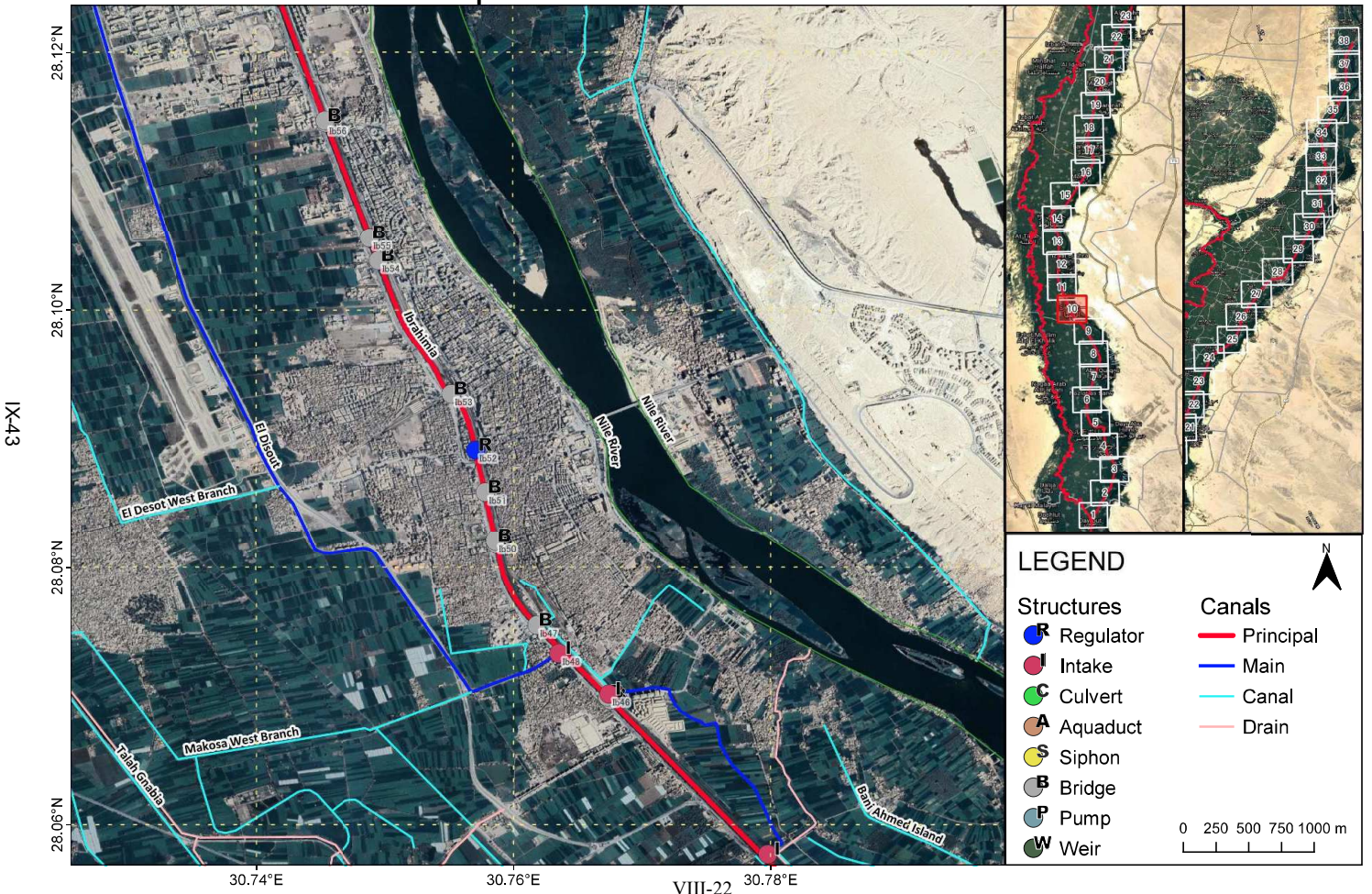
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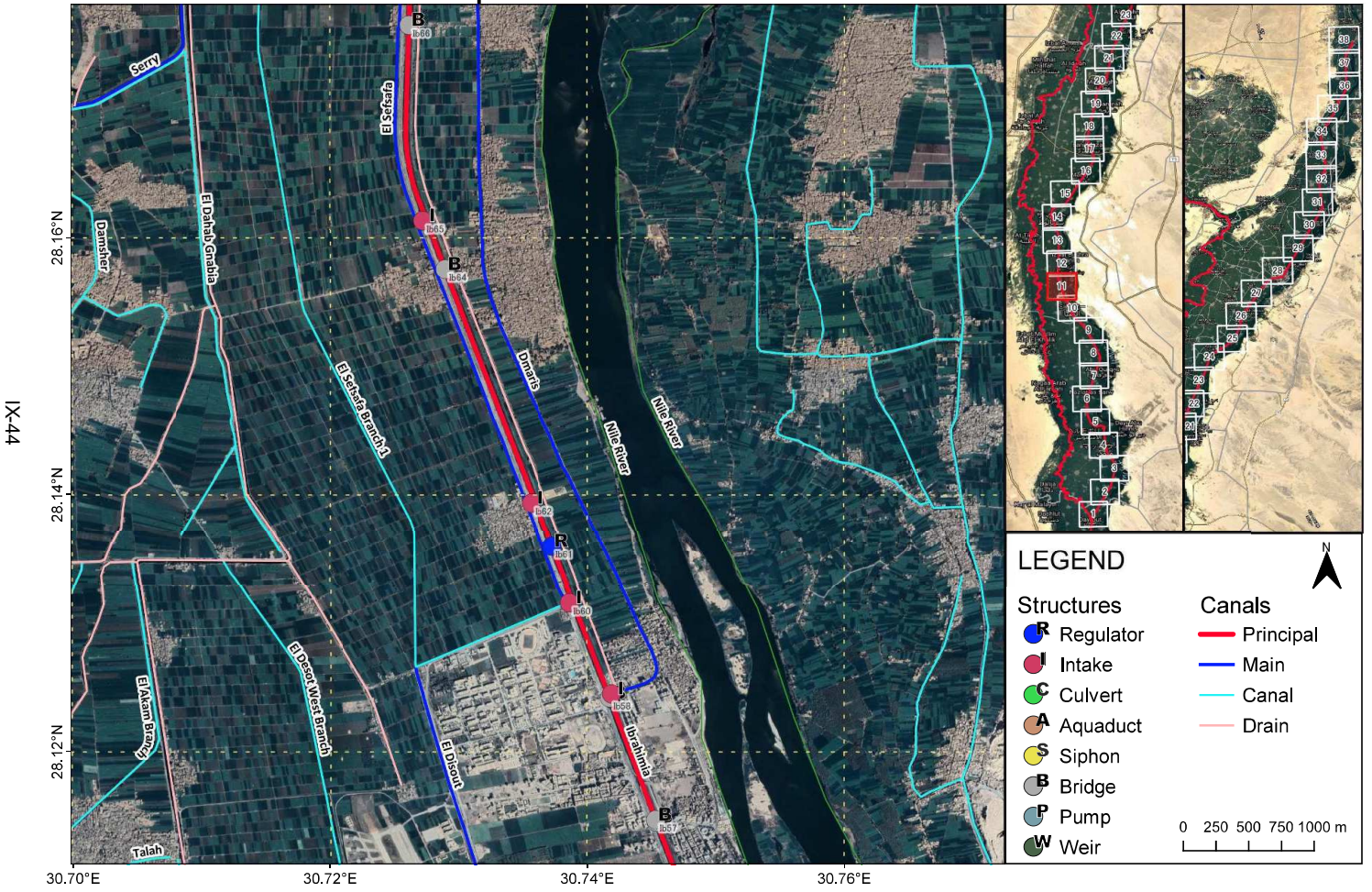
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