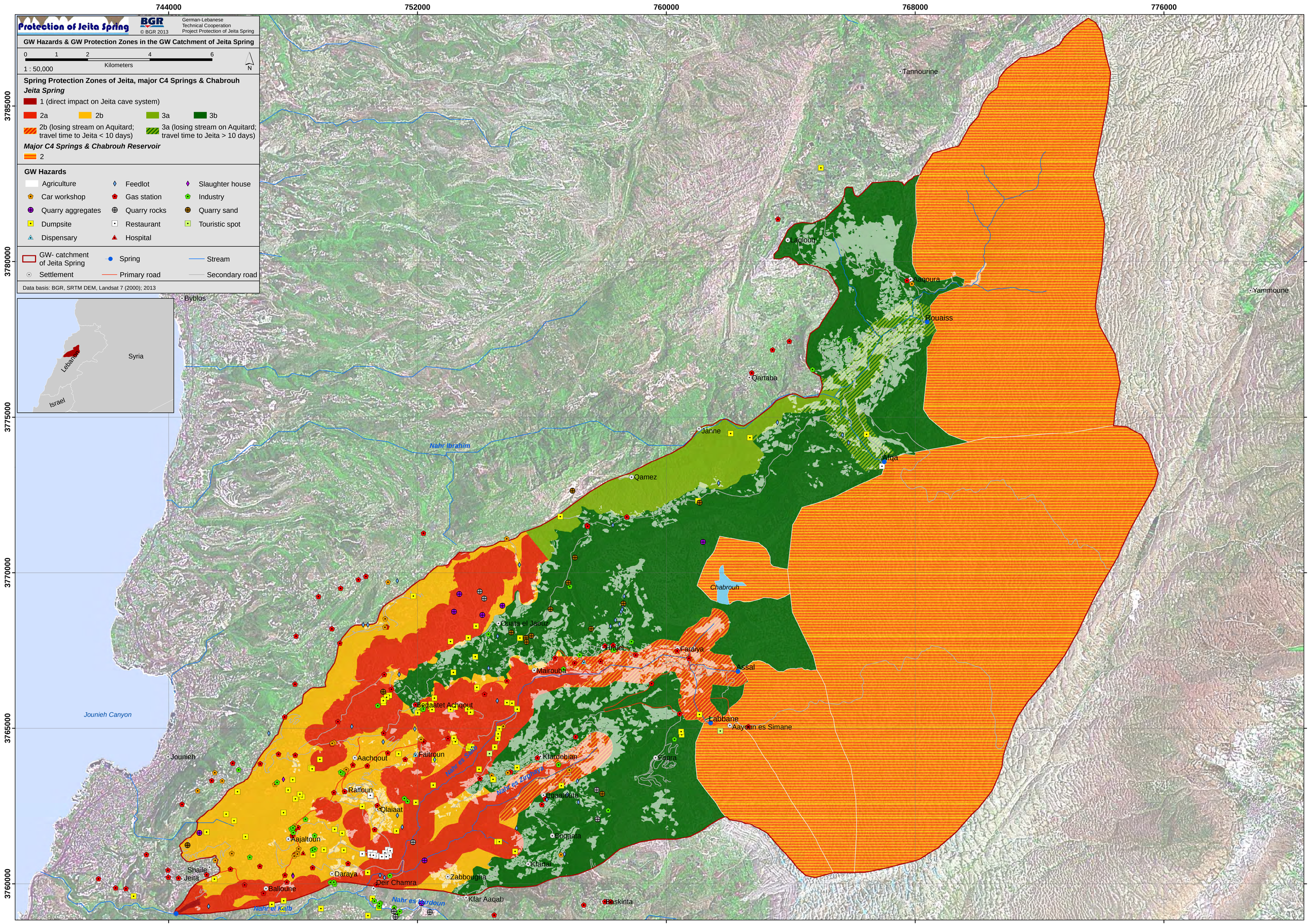

Protection of Jeita Spring
BGR
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German-Lebanese Technical Cooperation Project Protection of Jeita Spring
GW Hazards & GW Protection Zones in the GW Catchment of Jeita Spring
0 1 2 4 6
Kilometers
1 : 50,000
N
Spring Protection Zones of Jeita, major C4 Springs & Chabrouh
Jeita Spring
1 (direct impact on Jeita cave system)
2a
2b
3a
3b
2b (losing stream on Aquitard; travel time to Jeita < 10 days)
3a (losing stream on Aquitard; travel time to Jeita > 10 days)
Major C4 Springs & Chabrouh Reservoir
2
GW Hazards
Agriculture
Feedlot
Slaughter house
Car workshop
Gas station
Industry
Quarry aggregates
Quarry rocks
Quarry sand
Dumpsite
Restaurant
Touristic spot
Dispensary
Hospital
GW- catchment of Jeita Spring
Spring
Stream
Settlement
Primary road
Secondary road
Data basis: BGR, SRTM DEM, Landsat 7 (2000); 2013
744000
752000
760000
768000
776000
3785000
3780000
3775000
3770000
3765000
3760000
Syria
Lebanon
Israel
Tannourine
Laqlouq
Aaqoura
Rouaiss
Yammoune
Byblos
Qartaba
Janne
Aiqa
Nahr Ibrahim
Qamez
Chabrouh
Ouata el Jaouz
Hrajel
Faraiya
Assal
Mairouba
Bedaatet Achqout
Labbane
Aayoun es Simane
Jounieh Canyon
Jounieh
Aachqout
Faitroun
Kfardebian
Faqra
Nahr es Salib
Nahr es Zirghaya
Raifoun
Qlaiaat
Bqaatouta
Aajaltoun
Boqaata
Shaile
Jeita
Daraya
Deir Chamra
Zabbougha
Kfartai
Balloune
Nahr es Kardoun
Kfar Aaqab
Baskinta
Nahr el Kalb