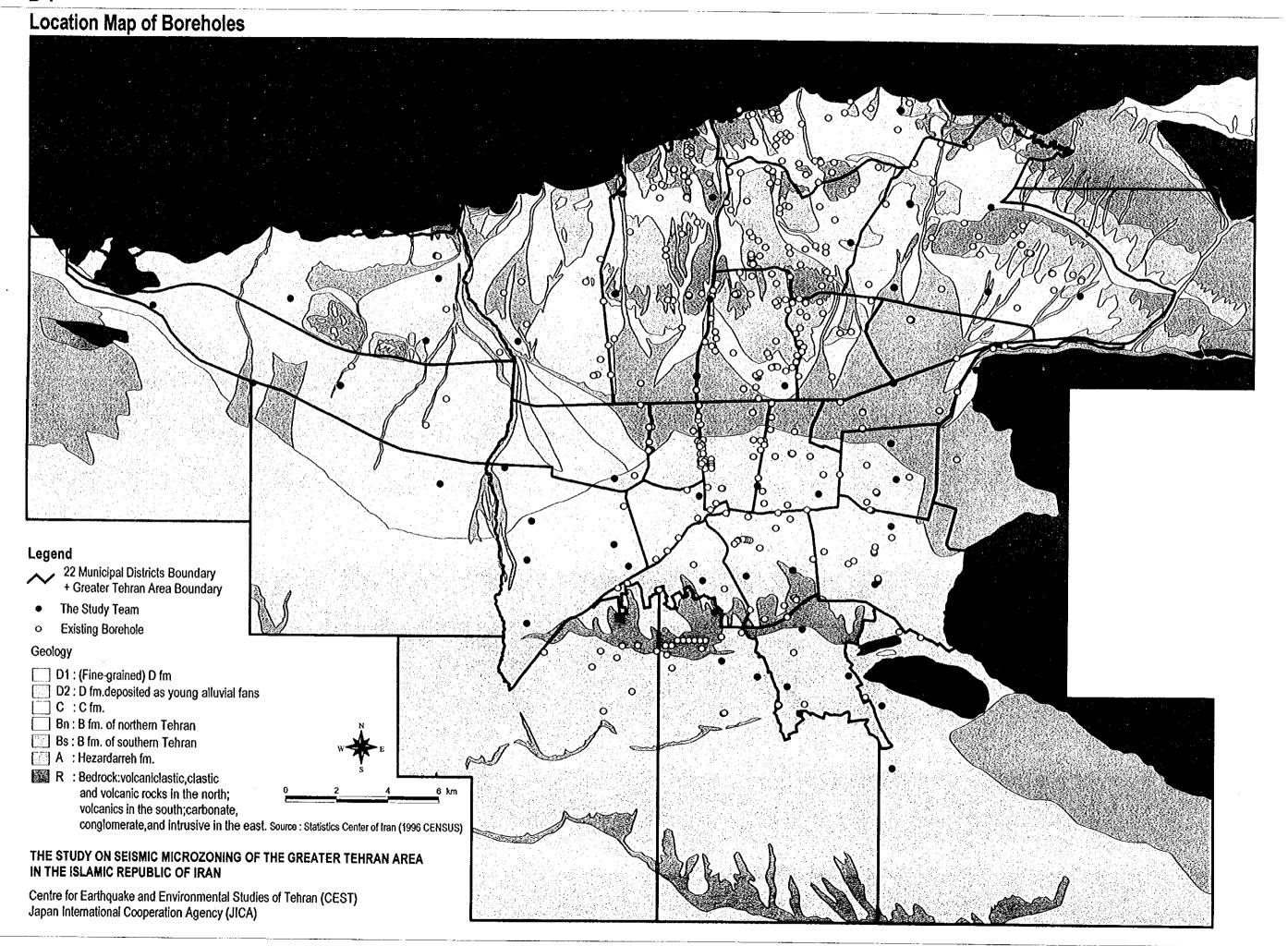
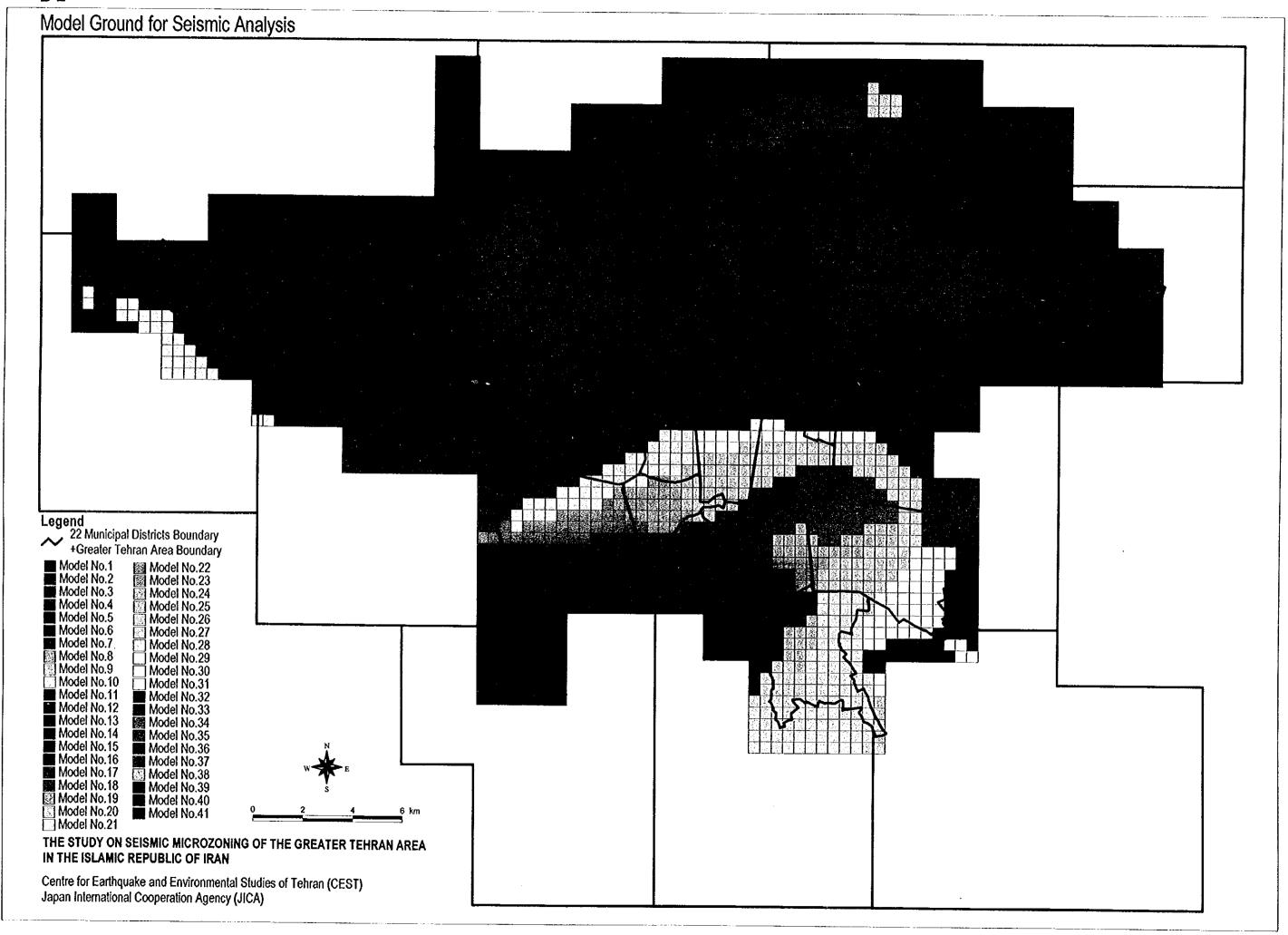
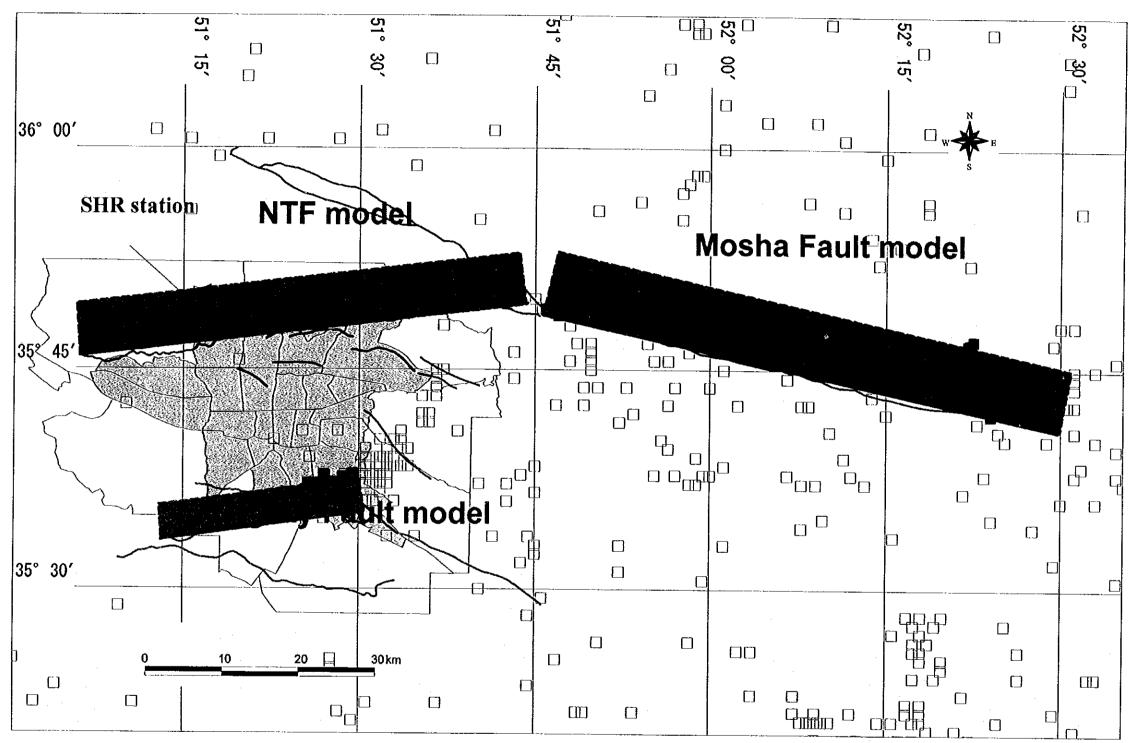
B. Earthquake Analysis





Source Fault Model for Scenario earthquake



	Source Fault Model	(solid line indicates	upper limb)
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Epicenter for observed earthquake (1996-1999)

Applied Earthquake for Systhesis of Seismic Waveform

THE STUDY ON SEISMIC MICROZONING OF THE GREATER TEHRAN AREA IN THE ISLAMIC REPUBLIC OF IRAN

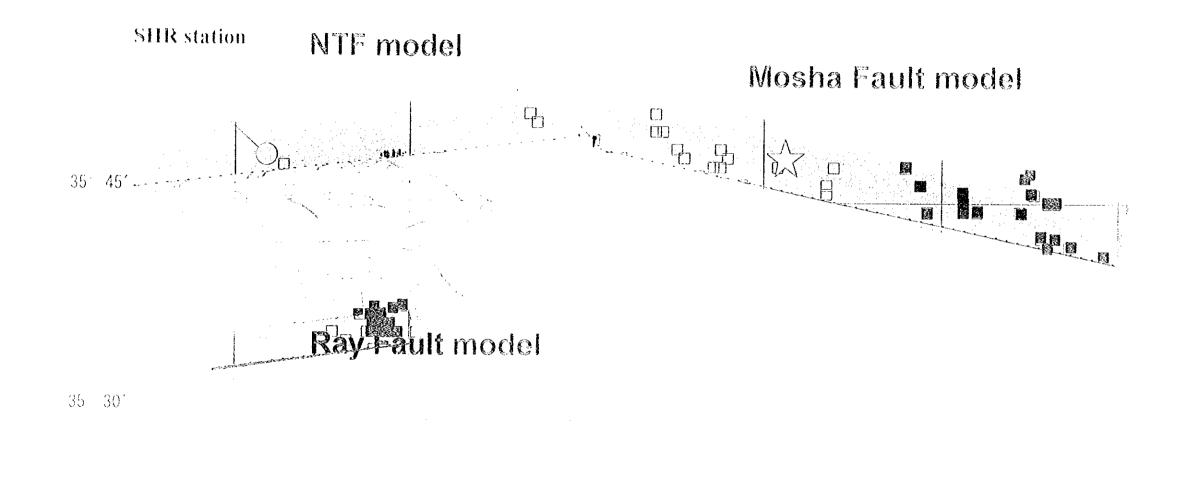
Centre for Earthquake and Environmental Studies of Tehran (CEST) Japan International Cooperation Agency (JICA)

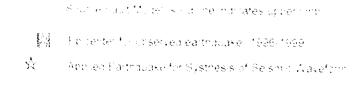
Source Fault Parameters	Ray Fault model	NTF model	Mosha Fault model
Length (km)	26	58	68
Width (km)	16	27	30
Moment Magnitude (Mw)	6.7	7.2	7.2
Origin N (degree)	35.8255	35.6815	35.5876
E (degree)	51.7392	52.4955	51.5061
Azimuth (degree, clockwise from north)	263	263	283
Dip Angle (degree)	75	75	75
Depth of upper limb (km)	5	0	0

Source Fault Model for Scenario earthquake



36 00′

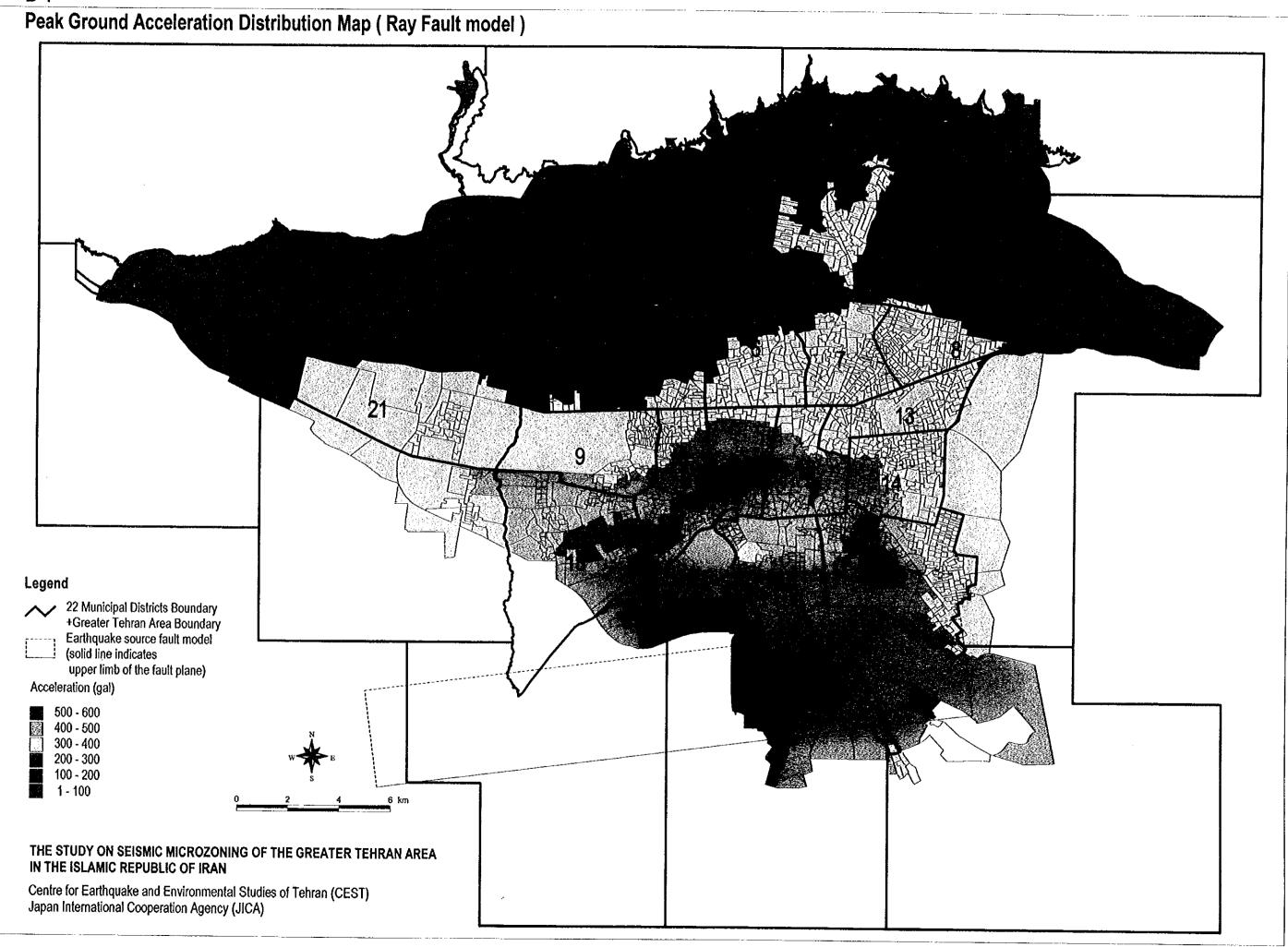




THE STUDY ON SEISMIC MICROZONING OF	THE GREATER TEHRAN AREA
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Gentre for Earthquake and Environmental Studies of Terran (CEST Japan International Cooperation Agency (UICA)

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Peak Ground Acceleration Distribution Map (Ray Fault model)

