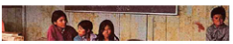




## SECTION 4. Delegación Coyoacán



## SECTION 4.1



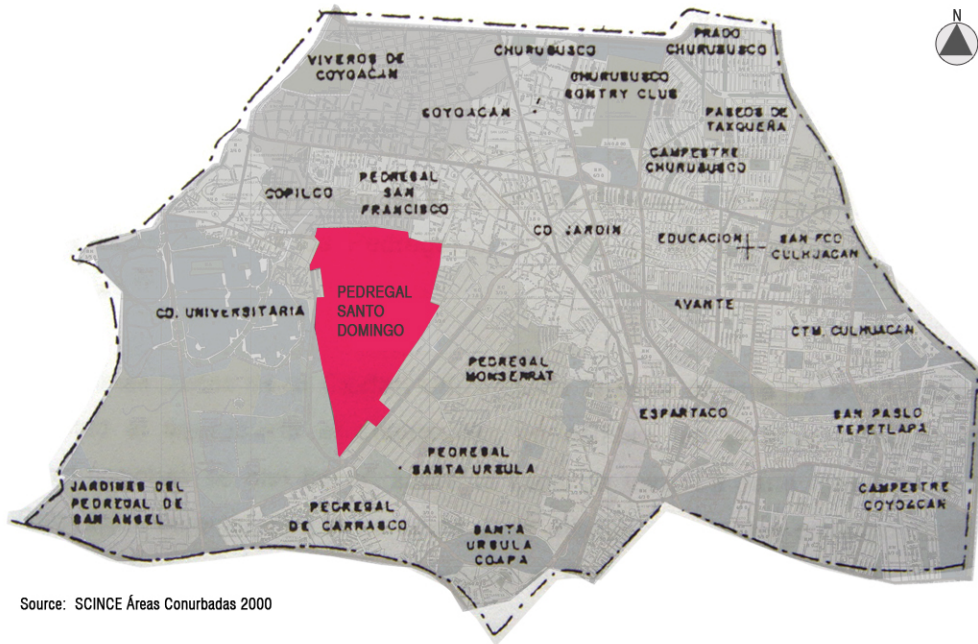
## LOCATION OF SITE



STATE OF MEXICO

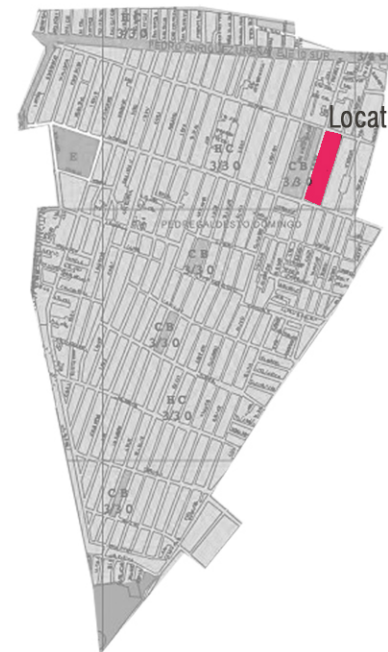


MEXICO CITY, FEDERAL DISTRICT



Source: SCINCE Áreas Conurbadas 2000

DELEGACION DE COYOACAN



Location of Site

PEDREGAL DE SANTO DOMINGO



## SECTION 4.2



## GEOGRAPHY

Coyoacan is one of 16 'delegaciones' that make up Mexico City's Distrito Federal (DF). It has a total area of 54.4km<sup>2</sup> representing 3.6% of the entire district and is located in the centre of DF towards the south of its urbanized area.<sup>1</sup> To its north is Delegacion Benito Juarez and to the south, Delegacion Tlalpan. It is at an average altitude of 2 240m above sea level.<sup>2</sup>

The delegation is located to the southeast of an area called the 'Cuenca de Mexico' (Bowl of Mexico). Because of this, a large part of the land is located in lower areas that were once occupied by lakes. The other areas are areas of transition from level plains to the mountain range.

In the north and east part of Coyoacan, the ground is 'lacustre' because it was once the bed of lakes Texcoco and Xochimilco. In the southwest the ground is composed of volcanic rock, some of which dates back 2 million years. The name given to these volcanic regions is 'los pedregales'.

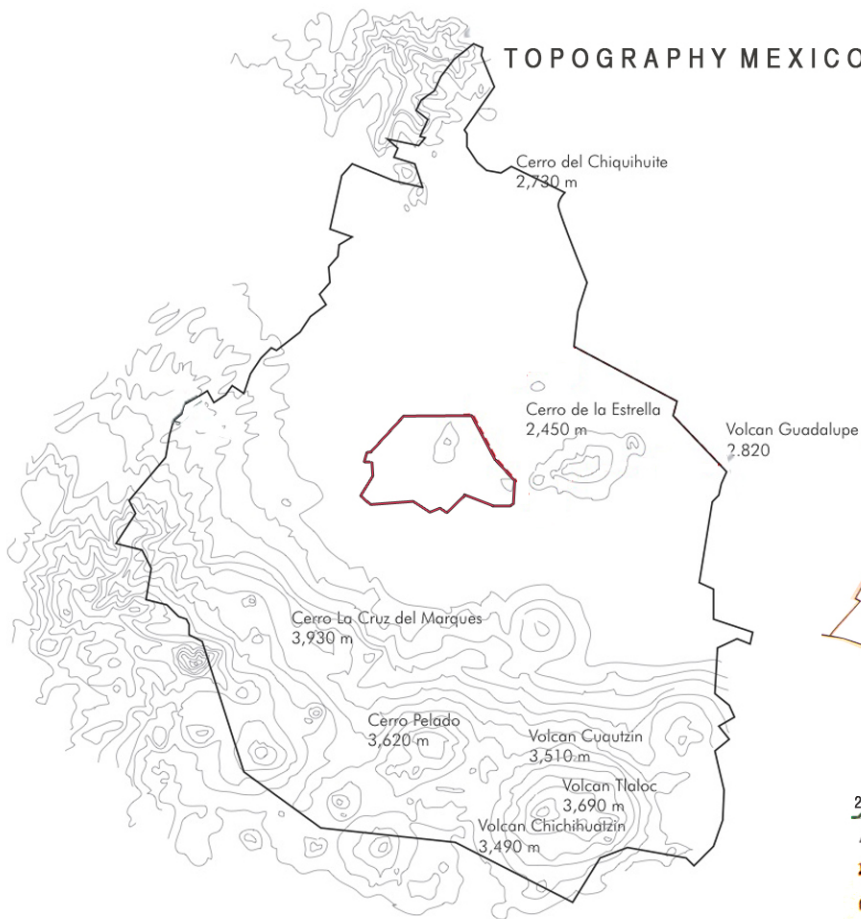


Photograph taken from the Mexican architecture exhibit *Los Pedregales* shown in Mexico City in May 2006

1. INEGI: Cuaderno Estadístico Delegacional Edición 2001. Coyoacan Distrito Federal p.3

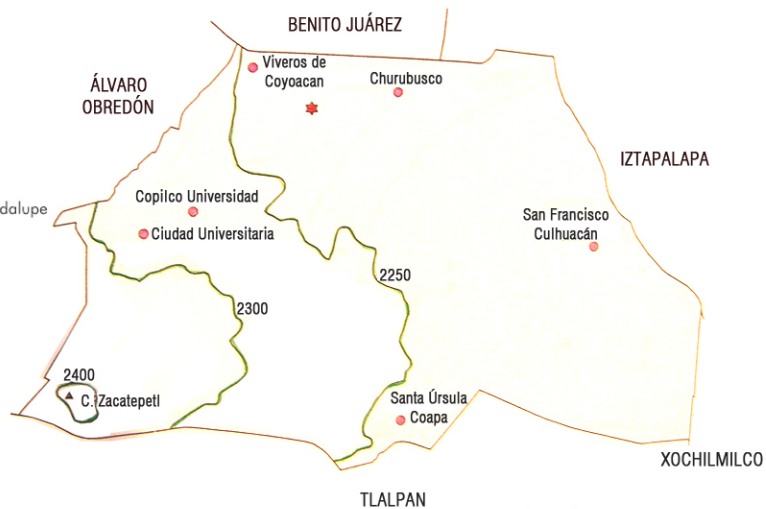
2. Ibid.

## TOPOGRAPHY MEXICO CITY







SOURCE: INEGI, Mapa Digital de Mexico, 2005

## TOPOGRAPHY COYOACAN



### LEGEND

-  topographical line
-  principal elevation
-  head office of the delegation
-  locality



SOURCE: INEGI, Carta Topográfica, Cuaderno Estadístico Delegacional Edición 2001. Coyoacán Distrito Federal p.3



## SECTION 4.3



## CLIMATE AND VEGETATION

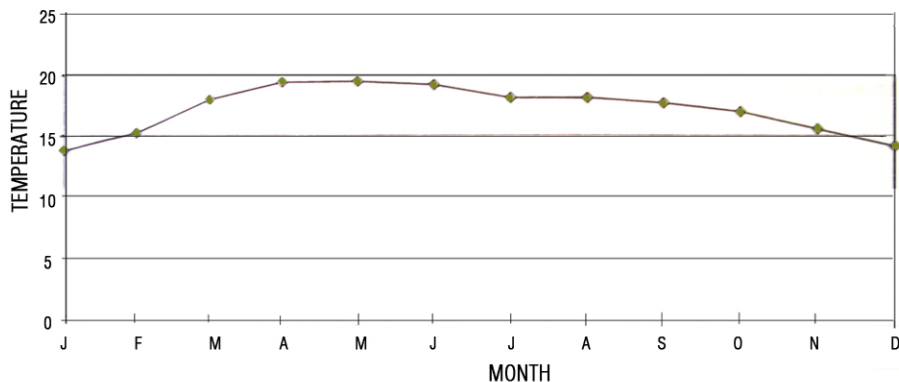
### Climate:

In general, the climate in Mexico City is quite temperate fluctuating between 13 C-20 C. The rainy season begins in May and stays throughout the summer therefore it is common to have short rainstorms for about an hour each day. The winters are quite dry. It chilly during the evening and early morning, however, temperatures can still reach 20 C during high noon. The climate is not uniform throughout the region because of the diverse microclimates within the lava zone, the urban zone and the rural zone.

### Vegetation:

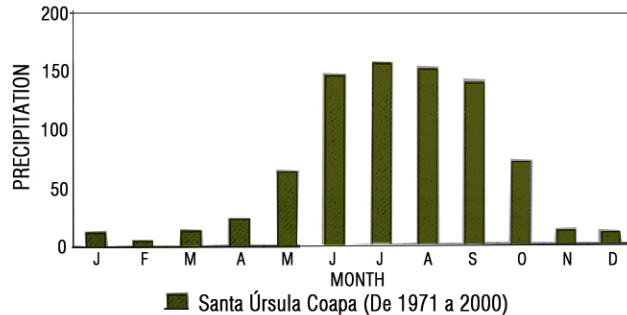
Because of the altitude, limited humidity and volcanic ground, the predominant vegetation of the region is malpa?s. Agricultural areas are in the clearings of El Pedregal and the most important crops are ma?s, beans, peas, oats and agave. The climatic conditions of this area permit the cultivation of many species of regional vegetables as well as ones that have been introduced to the region and cultivated in nearby towns.

MONTHLY AVERAGE TEMPERATURES  
(Degrees Centigrade)



—●— Santa Úrsula Coapa (De 1971 a 2000)

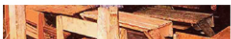
TOTAL AVERAGE PRECIPITATION  
(Millimeters)



■ Santa Úrsula Coapa (De 1971 a 2000)



## SECTION 4.4



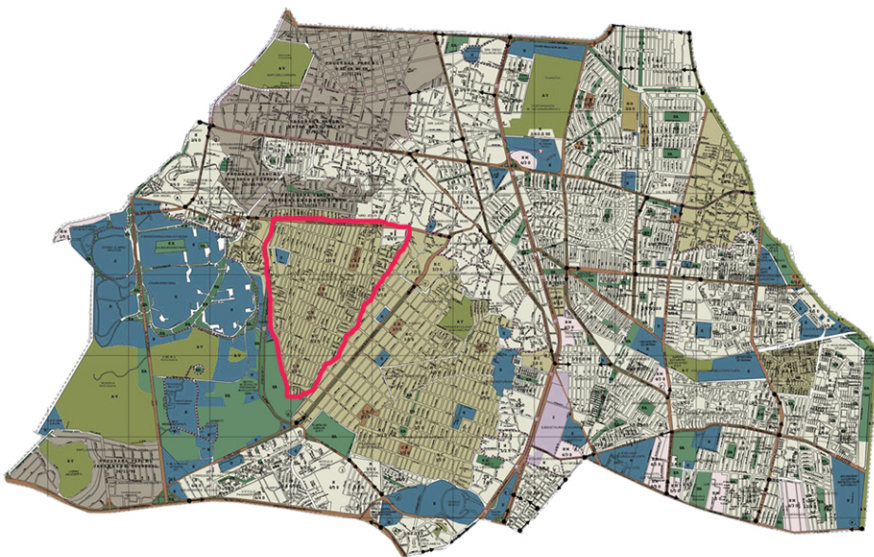
## ZONING

### Uses of the Land:

The actual uses of the areas are listed in the chart to the right. The combination of predominant uses and their degree of urban development gives rise to 5 zones: consolidated habitation, cultural/educative (universities), the zone of los Pedregales (south and southeast), the historic zone (northeast) and the area in the process of growing (southeast). The zones to the south and southeast (los Pedregales, Santa Ursula, and San Francisco) have the most problems with irregular tenure of the land.<sup>1</sup> The neighbourhood in which the project site is located, Pedregal de Santo Domingo, is mostly residential/commercial buildings. Many residents run small shops on the first floors of their apartment buildings.

| Basic Uses        | Surface Area |        |
|-------------------|--------------|--------|
|                   | ha           | %      |
| Habitation        | 3,126        | 57.46  |
| Services          | 206          | 3.79   |
| Industry          | 171          | 3.14   |
| Open Spaces       | 1,048        | 19.26  |
| Mixed Use         | 169          | 3.11   |
| University Campus | 720          | 13.24  |
| Total             | 5,440        | 100.00 |

Source: Plan Parcial de Desarrollo Urbano, Delegación Coyoacán, 1990.



### Suelo Urbano

- H Residential
- HC Residential with Commercial Space
- HC\* Residential with Commercial Space
- HO Residential with Offices
- HM Mixed Residential
- CB Centro de Barrio
- E Equipamiento
- I Industrial
- EA Recreational Public Space  
Areas for Sports, Parks, Plazas y Gardens
- AV Green Space  
Forests, Ravines and Protected Green Zones
- Area of Intrest

Source: SCINCE Áreas Conurbadas 2000, Coyoacán

<sup>1</sup> Tesis: Delegación Coyoacán. Plan Parcial de Desarrollo Urbano de la Delegación de Coyoacan. México, 1990