

**ANNEX 3**  
**MAPS OF THE KATHMANDU VALLEY**

The Department of Survey last produced a 'Map Inventory of Nepal' in 1980. It gives a comprehensive list of maps available at that time. The following information has been compiled with the help of the Department of Survey as a source of reference for GIS users. Attempts have been made to give accurate and comprehensive information. However, ICIMOD cannot guarantee the accuracy of the information. For further details, please contact the Department of Survey. On our part, we are simply providing a list of maps available.

### **Mile Scale Topographic Map**

This series of maps was produced by the Survey of India for the whole of Nepal.

<i>Map Size</i>	39 cm x 44 cm (approximately)
<i>Contour Intervals</i>	100 feet
<i>Production Date</i>	1947 & 1954
<i>Source</i>	Survey of India
<i>Projection</i>	Polyconic
<i>Sheet Nos.</i>	72E/1, 2, 5, 6, 10 (five sheets)
<i>Area Coverage</i>	Surrounding Hills

### **1:50,000 Scale Topographic Map**

This map was compiled from aerial photographs on a scale of 1:10,000 (Schneider Maps) stereo plotted by Aermap Company, Florence. The field work was carried out jointly by the Department of Housing and Physical Planning, Survey Department, and SATA, Nepal.

<i>Map Size</i>	63.5 cm x 56 cm
<i>Contour Intervals</i>	40 metres
<i>Production Date</i>	1971
<i>Source</i>	E. Schneider (Lech / Austria)
<i>Projection</i>	Not mentioned
<i>Sheet Nos.</i>	one
<i>Area Coverage</i>	Surrounding Hills

### **1:25,000 Scale Topographic Map (FINNMAP)**

This series of maps was produced with the support of the Government of Finland (FINNMAP) based on aerial photographs taken in 1992 on a scale of 1:50,000.

<i>Map Size</i>	49.3 cm x 55.3 cm (ground area coverage 7' 30" X 7' 30")
<i>Contour Intervals</i>	20 metres
<i>Production Date</i>	1996
<i>Source</i>	Department of Survey, HMG
<i>Projection</i>	Modified Universal Transverse Mercator (UTM)
<i>Sheet Nos.</i>	2785 02C; 02D; 03C; 05B; 05D; 06A; 06B; 06C; 06D; 07A; 09B; 10A; and 2785 10B (13 Sheets)
<i>Area Coverage</i>	12.25 X 12.5 Kilometres

### **1:10,000 Scale Map (Schneider Map)**

This series of maps was produced from aerial photographs taken by E. Schneider on a scale of 1:20,000 in 1971.

<i>Toposheet Size</i>	79 cm x 69,5 cm. (ground area coverage 4' x 4')
<i>Contour Intervals</i>	10 metres
<i>Production Date</i>	1977
<i>Source</i>	E. Schneider (Lech / Austria)
<i>Projection</i>	Not mentioned
<i>Sheet Nos.</i>	72E5; 72E6; 72E7; 72E9; 72 E10; and 72E2 (7 sheets)
<i>Area Coverage</i>	12.25 X 12.5 Kilometres

### **1:2,000 Scale Map (DWSS/UNDP)**

This series of maps was produced by Binnie and Partners, London, with UNDP support through a project for the Department of Water Supply and Sanitation.

<i>Map Size</i>	90cm x 60 cm.
<i>Contour Intervals</i>	1 metre
<i>No. of Sheets</i>	50

### **1:2,000 Map (NTC/Danida)**

This series of maps was produced with the assistance of DANIDA for the Nepal Telecommunication Corporation with the aerial photographs taken in 1992 on a scale of 1:5,000. The Kathmandu Valley Urban Development Project (KUDP) of the Department of Housing and Urban Planning (DHUD) has tried to convert them into appropriate digital format for urban application.

### **1:2,000 Metropolitan Map (DOS)**

There are several maps produced by the Department of Survey of metropolitan areas of the Kathmandu Valley. Also, a digital ortho-photo of the Kathmandu Valley is being prepared with the help of FINNMAP for the Census 2001 project.

### **Greater Kathmandu Mapping Project (KMC/EU)**

Kathmandu Metropolitan Corporation (KMC) has established a 'Greater Kathmandu Mapping Project' supported by the European Union (EU) to map the Kathmandu Valley. The project's aim is to take another complete set of aerial photographs on a larger scale and for digital production.

## Aerial Photographs of the Kathmandu Valley

Photography	Scale	Camera Type/ Details	Calibration Date	Remarks
LRMP 11-1-1978	1:50,000	ZEISS 8.5123 MAG 11617, Super XX LENS 123809,85.47 mm, D-123838		Covers Inside Ring Road Only
LRMP 12-5-1979	1:50,000	WICD RC-10, MAG 286, DX 2405 LENS SAG # 2022, 87.87 mm, 500 NM		
TOPO 28-10-1981	1:8,000	RC-10 No. 3310 LENS: NAG 7153; 213.78 mm		Covers Inside Ring Road Only
TOPO 27-3-1987	1:10,000	WILD 15/4 UAG- RC 10 NY. 13012.153.23		Covers Inside Ring Road Only
TOPO 6-12-1989	1:20,000	WILD 15/4 uAG Wild RC 10 NY 13012.153.23		
NTC (DANIDA) 16-3-1992	1:10,000	ZEISS 153 00		
ENTMP (FINNMAP) November 1992	1:50,000	WILD 15/4 UAG -F Wild RC 20 NY 13158, 153,19 mm	14-09-1992	
ENTMP (FINNMAP) 3-2-1995	1:4,000	WILD RC-10, 4 UAG NY 13012 F-153.23		Airport Area Only
Census, 1998	1:15,000	RC - 30 LENS 15/4 UAG - S LENS No. 13215 F- 152.857 mm	28-09-1998	

Note: Further details can be obtained from the Department of Survey