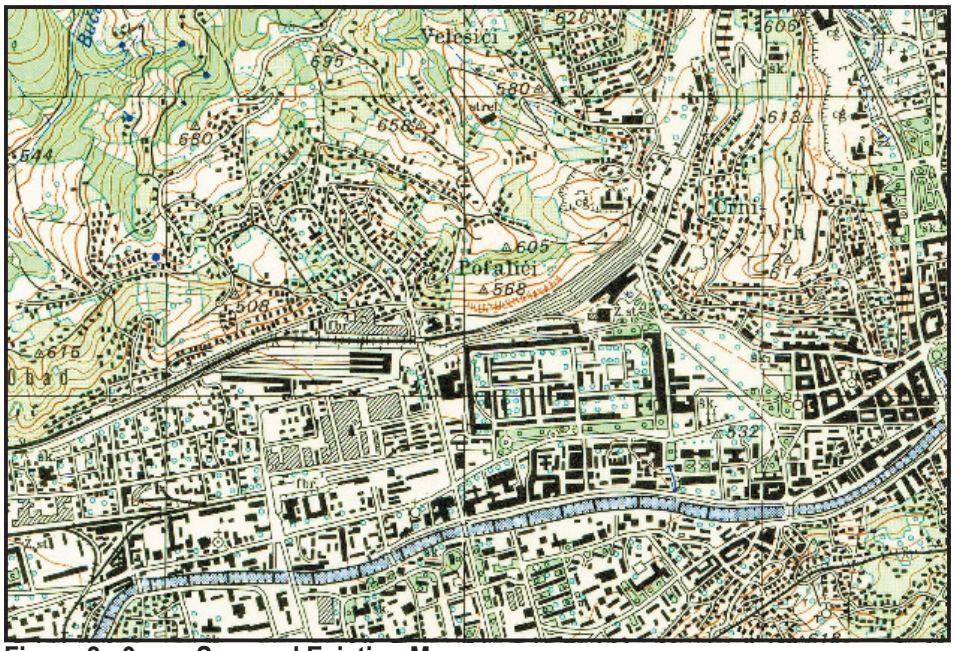
2 - 4 Digitized Topographic Data from Existing Topographic Maps



All the existing topographic maps were scanned at a resolution of 400 dpi. The scanned images were geo - referenced. If the existing maps run out of stock before revision, these data would be able to supply the sheets, which satisfy users.

Figure 2 - 9 Scanned Existing Map

COVERAGE NAME	FEATURE CLASS	COLUMN	ITEM NAME	WIDTH
ROAD	LINE	1	FNODE#	4
		5	TNODE#	4
		9	LPOLY#	4
		13	RPOLY#	4
		17	LENGTH	8
		25	ROAD#	4
		29	ROAD - ID	4
		33	CODE	4
		37	NOTE	32
RAIL	LINE	1	FNODE#	4
		5	TNODE#	4
		9	LPOLY#	4
		13	RPOLY#	4
		17	LENGTH	8
		25	RAIL#	4
		29	RAIL - ID	4
		33	CODE	4
		37	NOTE	32
TRNS_LIN	LINE	1	FNODE#	4
		5	TNODE#	4
		9	LPOLY#	4
		13	RPOLY#	4
		17	LENGTH	8
		25	TRNS_LIN#	4
		29	TRNS_LIN - ID	4
		33	CODE	4
		37	NOTE	32
TRNS_POL	POLYGON	1	AREA	8
		9	PERIMETER	8
		17	TRNS_POL#	4

Table 2 - 2 Transportation Coverage Schema

The data schema defines structure and contents of coverage. Other schemas include building, object, hydrography, vegetation, and contour & control point.

No.	Coverage Name	Type	Code	Note	Description	Map Symbol
2	ROAD	LINE	2110		Highway	81
			2120		Main paved road	82
			2130		Simple paved road	83
			2140		Road under construction	84
			2150		Disused road	85
			2160		Wagon road	91
			2170		Bad condition wagon road	92
			2180		Horse path	93
			2190		Foot path	94
			2195	17.5, 10 - 17.5, 10	Street	Only new mapping areas
3	RAIL	LINE	2310		Double track railroad	71
			2320		Single track railroad, Narrow gauge, Ropeway	72
						74
						75
						78
			2330		Railroad under construction	73
						76
			2340		Disused railroad	77
			2350		Tram	79
4	TRNS_LIN	LINE	2510		Tunnel	111
			2520		Gallery	112
5	TRNS_POL	POLY	2710		Railroad station	123
						124
			2720		Airport	52

Table 2 - 3 Layer Specification for Road and Rail Data

The example shows how each symbol is coded before they are organized into a database. For each symbol a unique code layer is assigned according to datatype.