

社会開発調査部報告書

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REPUBLIC OF THE PHILIPPINES

DETAILED ENGINEERING DESIGN STUDY

ON

PAN-PHILIPPINE HIGHWAY IMPROVEMENT PROJECT
(MINDANAO SECTION)

FINAL REPORT

APPENDIX (1/2)

PAVEMENT DISTRESS SURVEY RESULT

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J 1138996 (2)

MARCH 1997

KATAHIRA & ENGINEERS INTERNATIONAL
NIPPON ENGINEERING CONSULTANTS CO., LTD.

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97-048(3/89)

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APPENDIX (1/2)

PAVEMENT DISTRESS SURVEY RESULT

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1138996 (2)

PAN-PHILIPPINE HIGHWAY IMPROVEMENT PROJECT
(MINDANAO SECTION)

PAVEMENT DISTRESS SURVEY
PACKAGE 1
Km.1113+397 - Km.1167+000

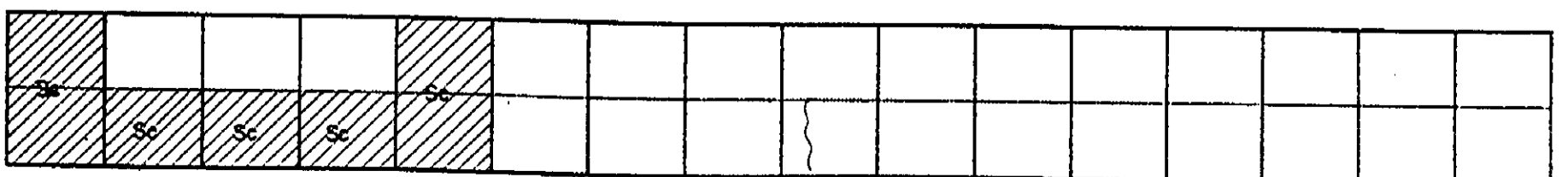
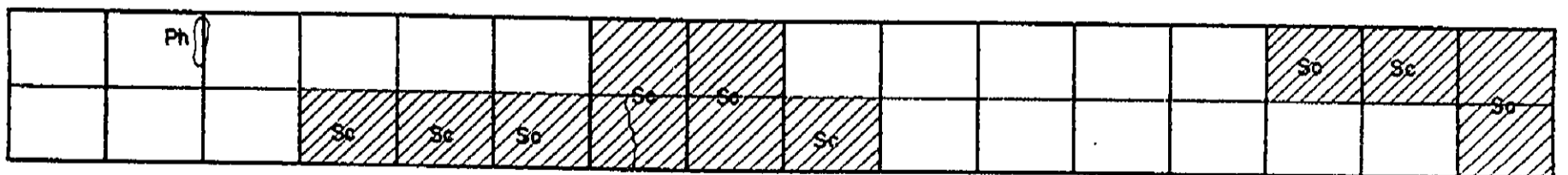
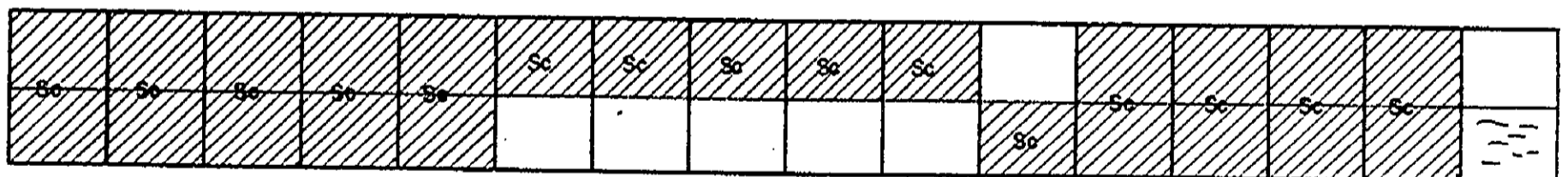
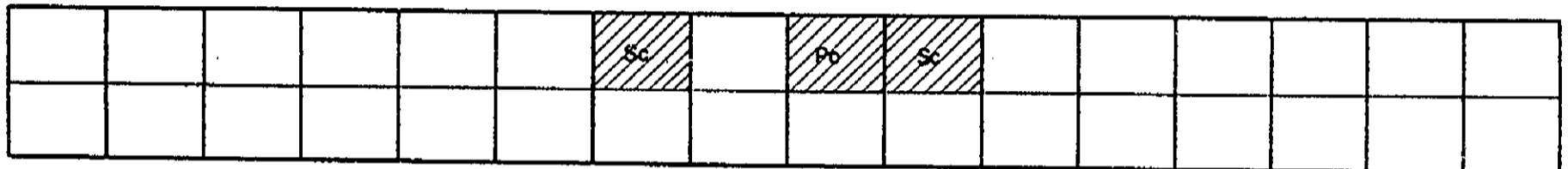
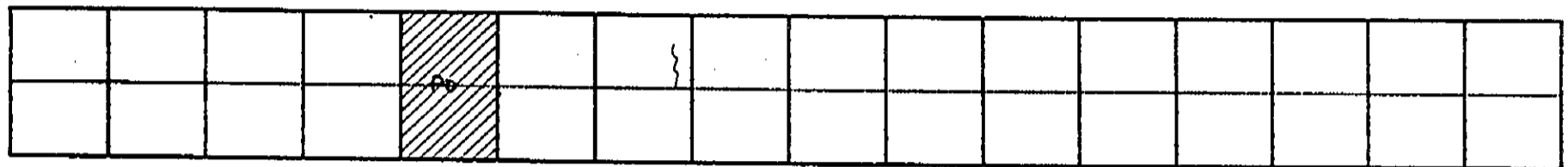
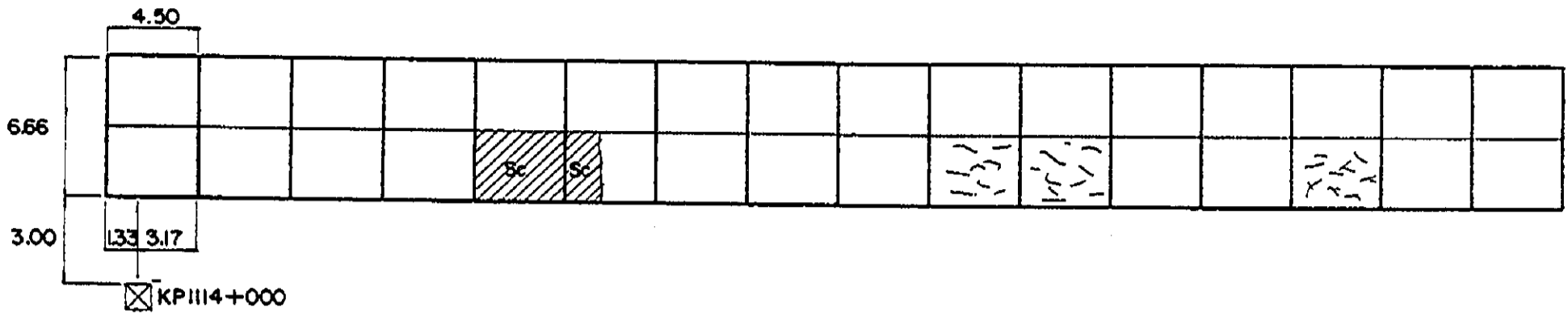
DECEMBER, 1996

INVENTORY OF PAVEMENT SURFACE CONDITION

Km. 1114+000

Date: 11-12-95

Sheet No: 1/2



INVENTORY OF PAVEMENT SURFACE CONDITION

Km. 1114+000

Date: 11-12-95

Sheet No: 2/2

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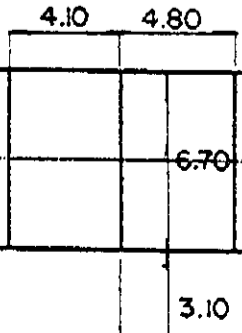
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INVENTORY OF PAVEMENT SURFACE CONDITION

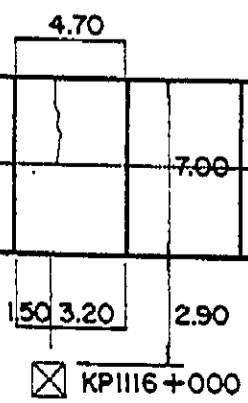
Km. 1115+000

Date : 11-12-95

Sheet No : 2/2

Start, Shoulder under construction (Both Sides)

End, Shoulder under construction

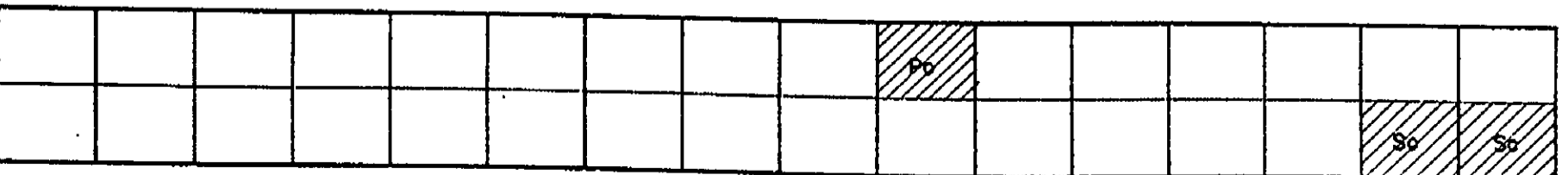
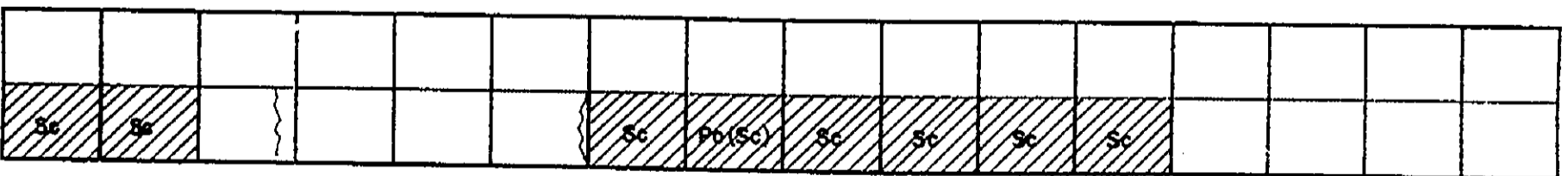
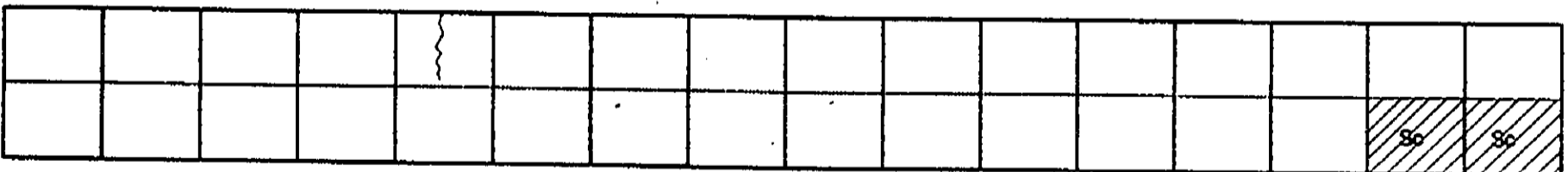
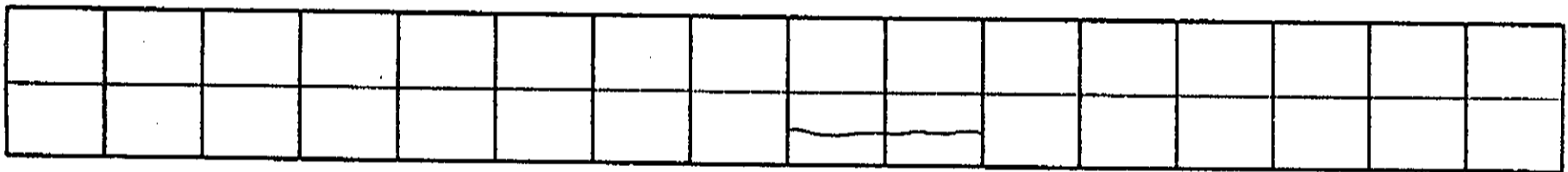
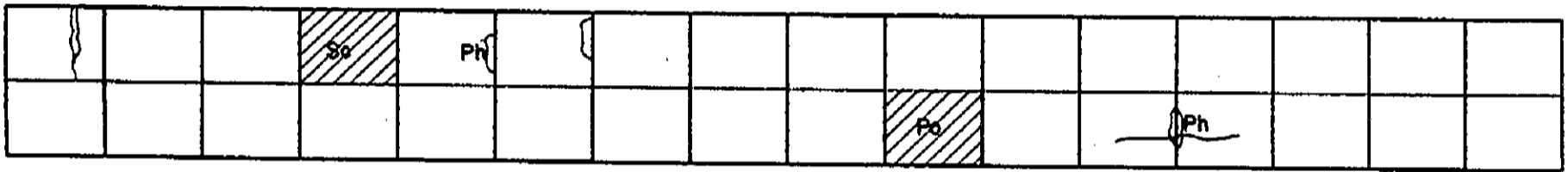
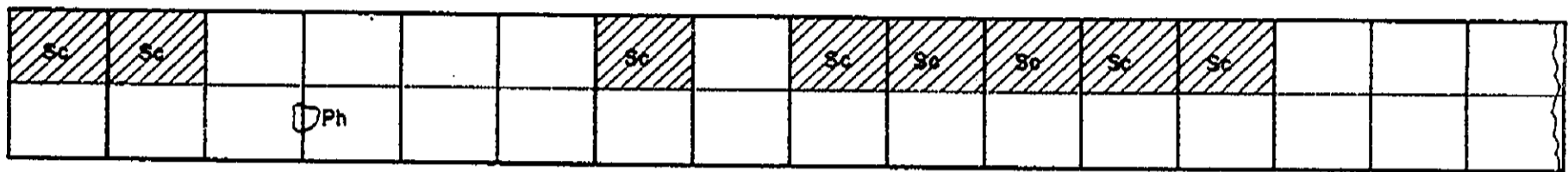
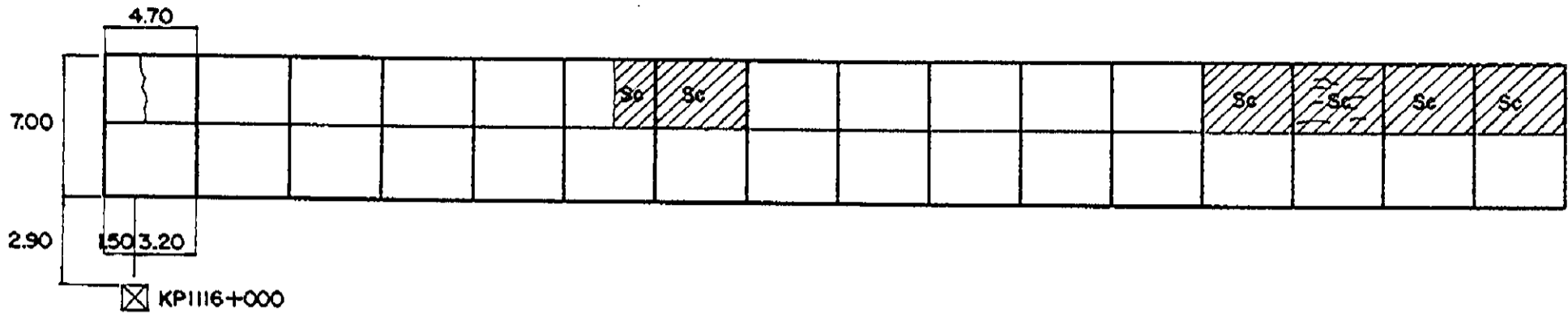


INVENTORY OF PAVEMENT SURFACE CONDITION

Date : 11-13-95

Sheet No : 1/2

Km. 1116+000



INVENTORY OF PAVEMENT SURFACE CONDITION

Km. 1116+000

Date : 11-13-95

Sheet No : 2/2

Sc	Sc	Sc	Sc												Sc

								Sc			Sc	Sc	Sc		

					2.08										

										4.50					
											6.70				

2.60 | 1.90 | 2.60
 KP1117+000

INVENTORY OF PAVEMENT SURFACE CONDITION

Km. 1117+000

Date : 11-13-95

Sheet No : 2/2

Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc

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Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc								

															Sc

Sc	Sc						Sc	Sc							

	Sc	Sc	Sc												

4.50

6.70

2.83

☒ KP1118+000

INVENTORY OF PAVEMENT SURFACE CONDITION

Km. 1118+000

Date: 11-13-95

Sheet No: 1/2

	4.50																			
6.70																				

2.83
 KPI118+000

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																					Water pipe line leaking
																					Sc

																					Sc

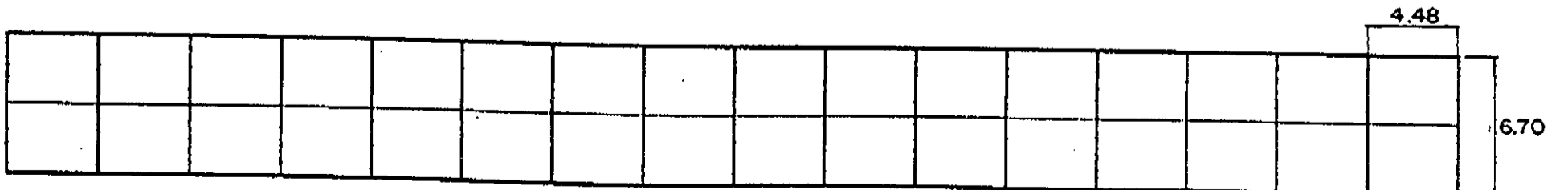
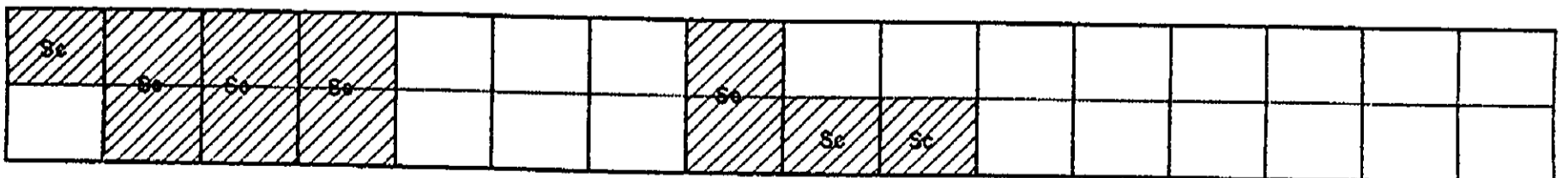
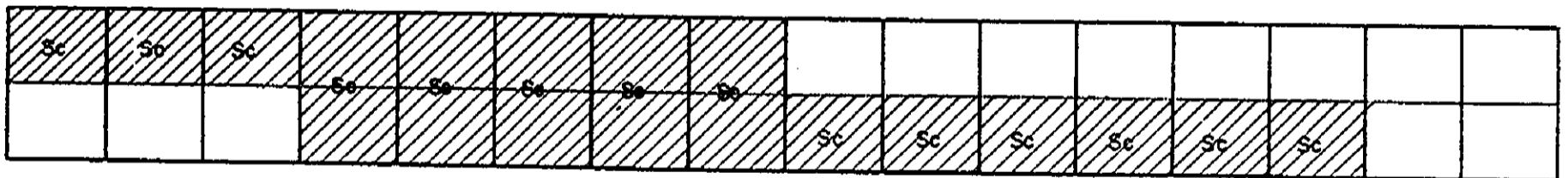
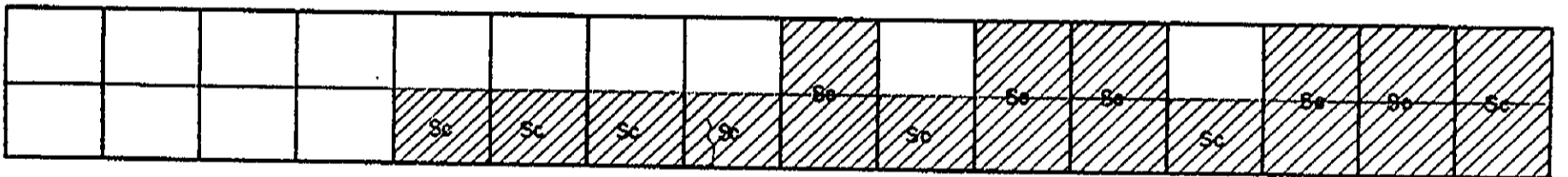
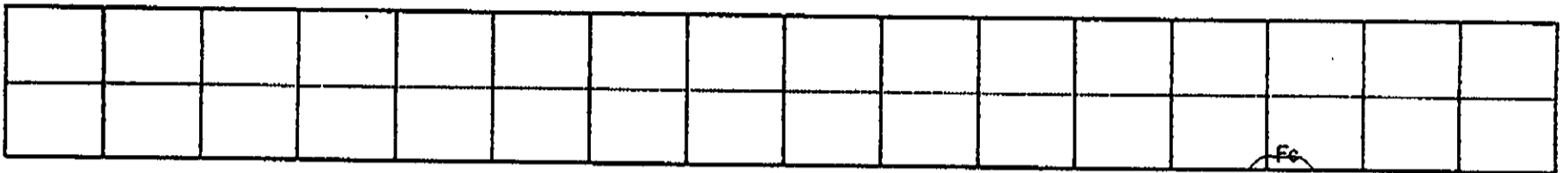
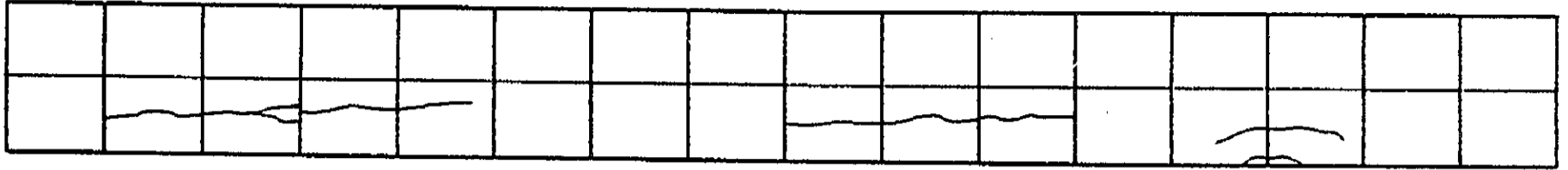
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INVENTORY OF PAVEMENT SURFACE CONDITION

Km. 1118+000

Date : 11-13-95

Sheet No : 2/2



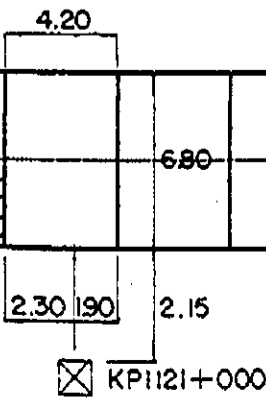
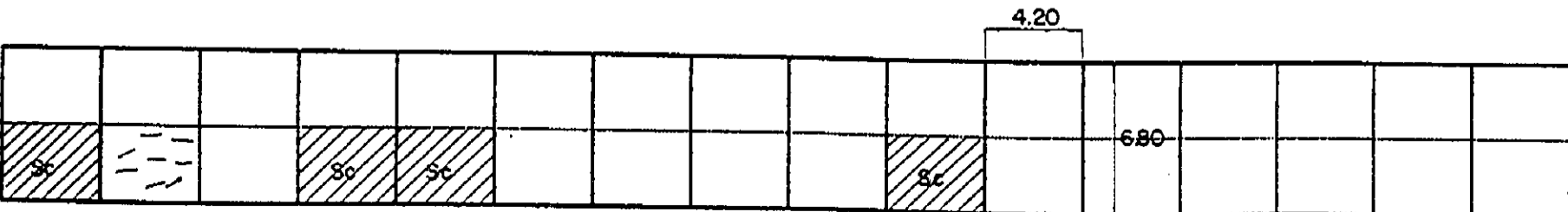
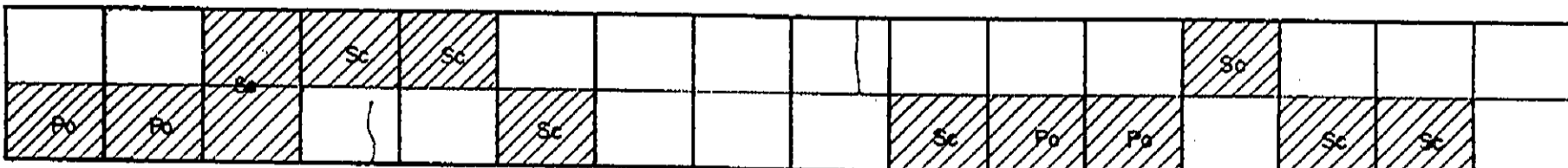
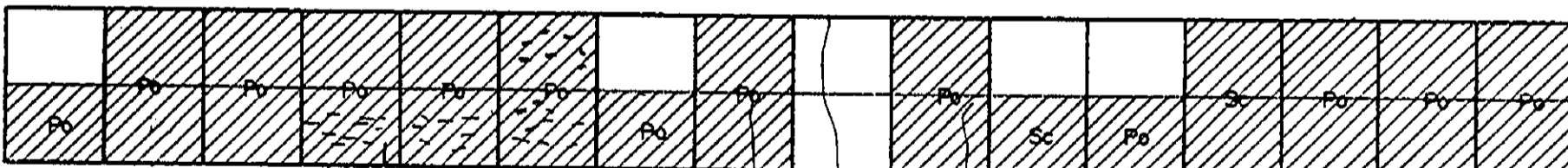
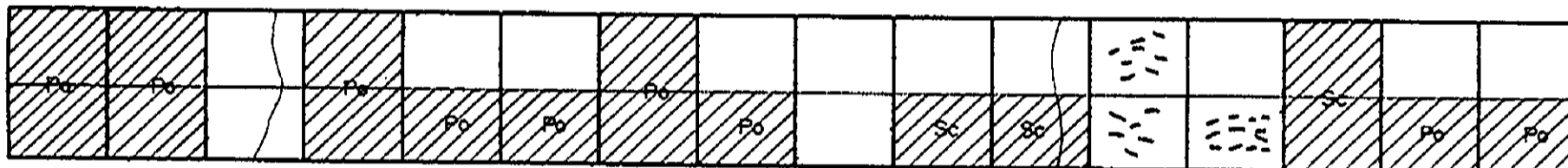
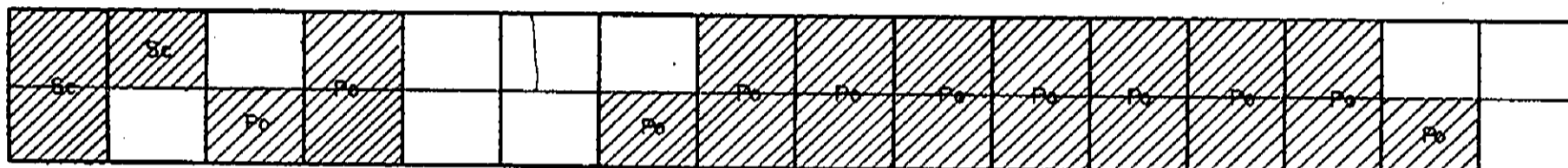
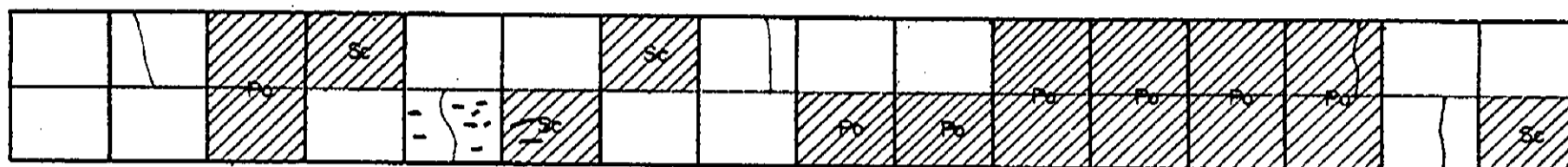
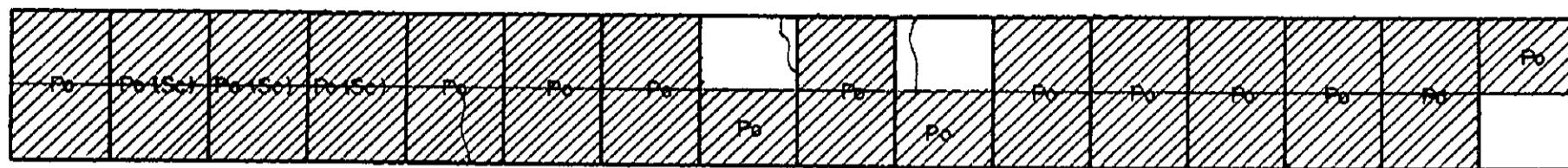
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0.50 3.98 2.40
☒ KP1119+000

INVENTORY OF PAVEMENT SURFACE CONDITION

Km. 1119+000 & 1120+000

Date: 11-13-95

Sheet No: 4/4



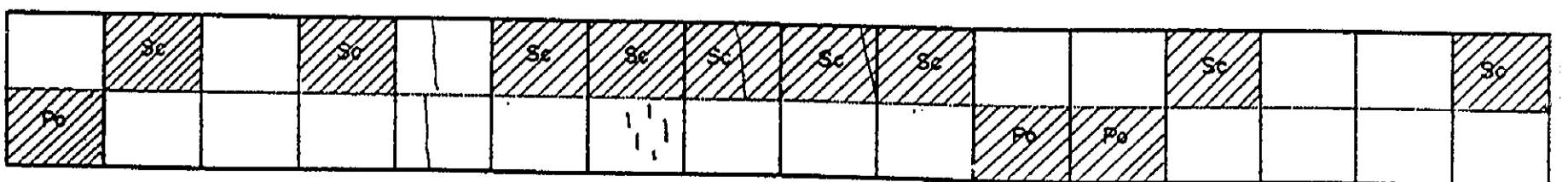
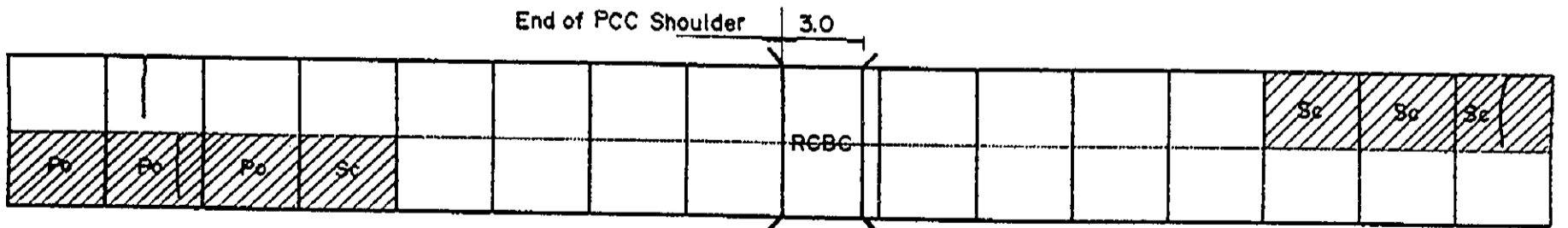
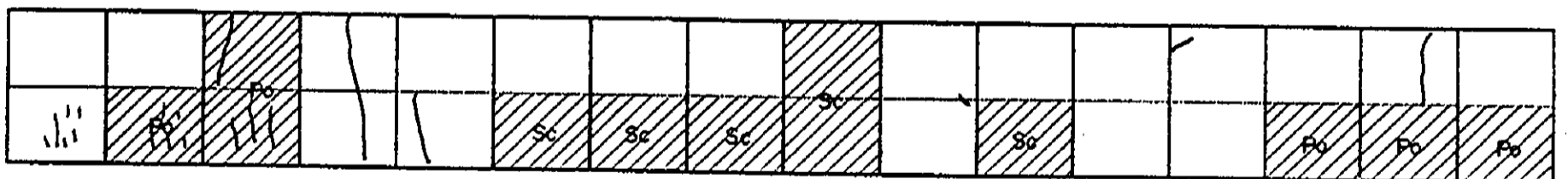
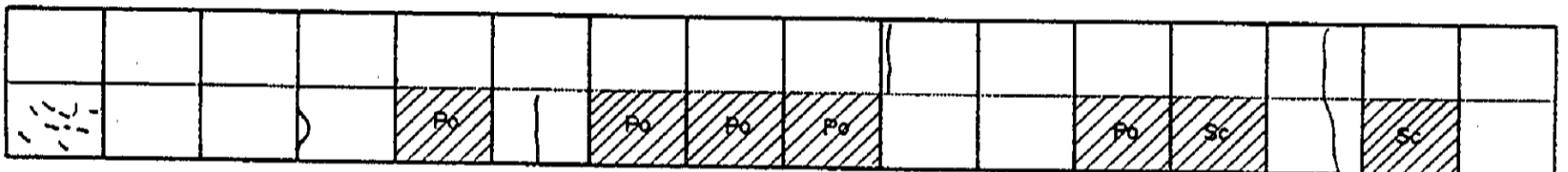
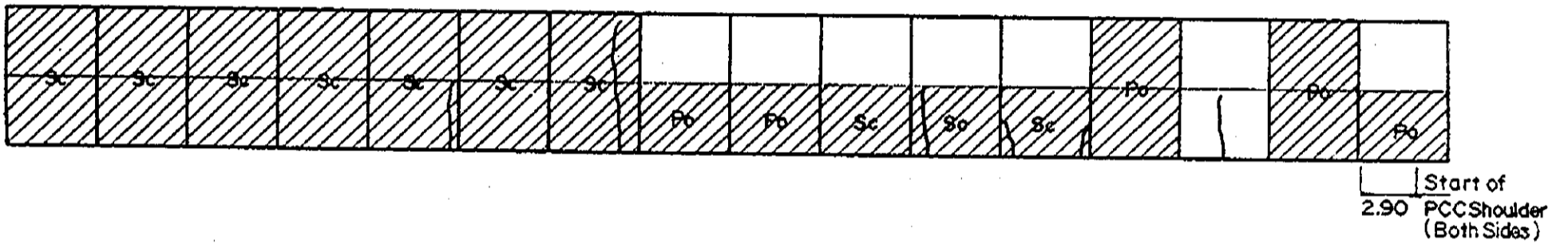
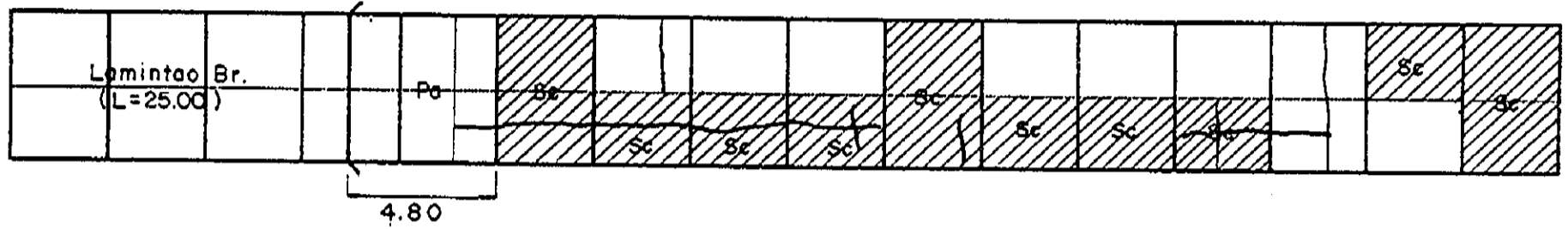
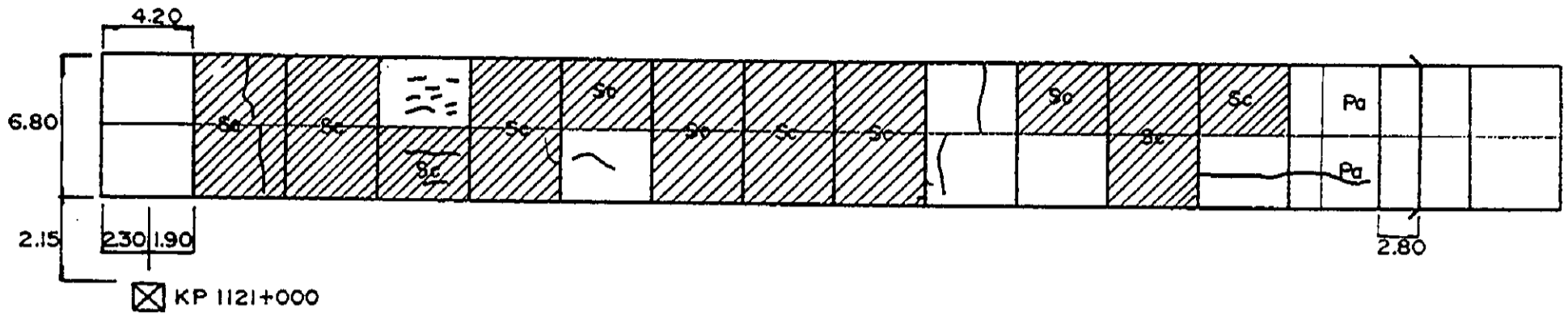
✕ KP1121+000

INVENTORY OF PAVEMENT SURFACE CONDITION

Date: 11-14-95

Sheet No: 1/3

Km. 1121+000

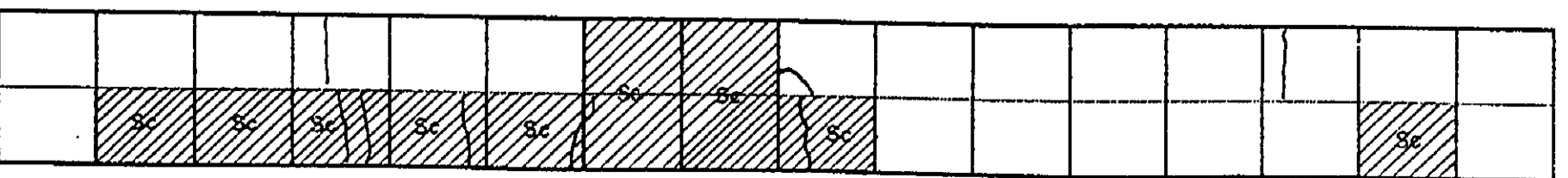
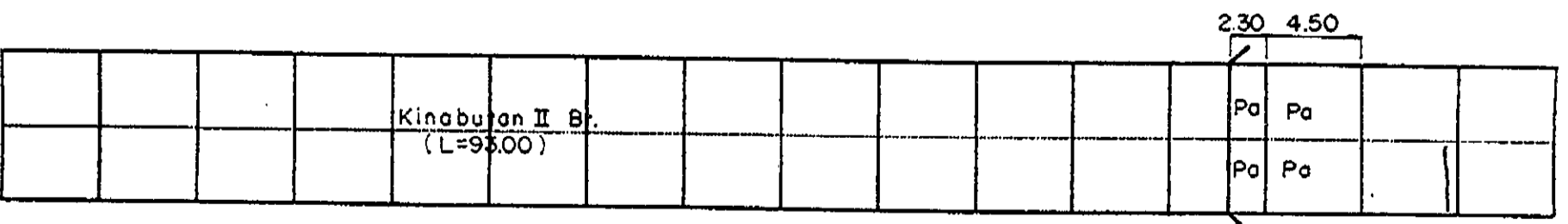
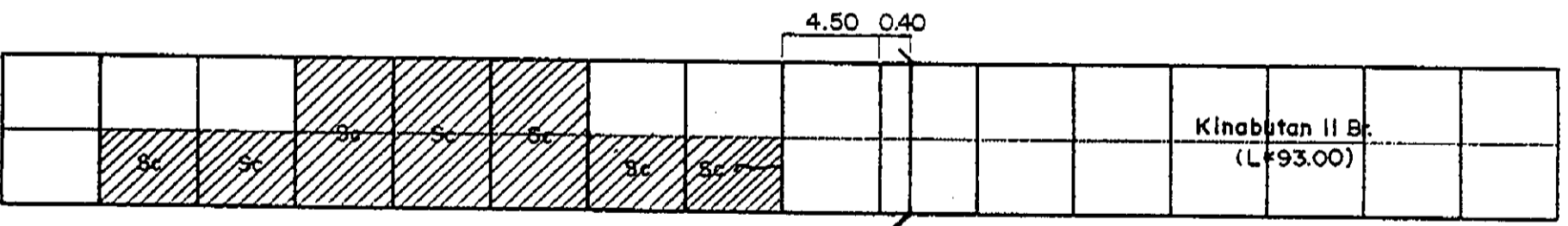
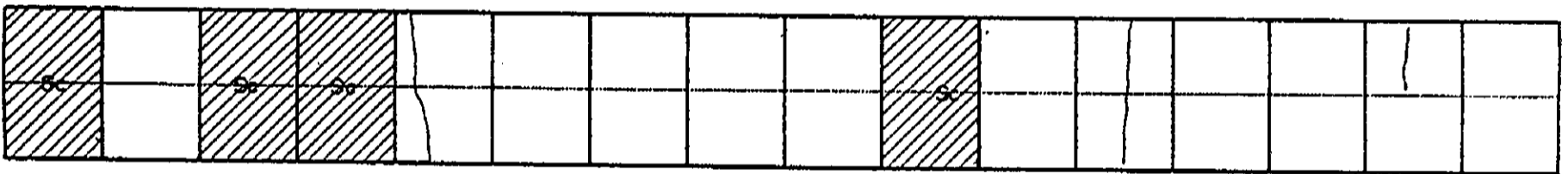
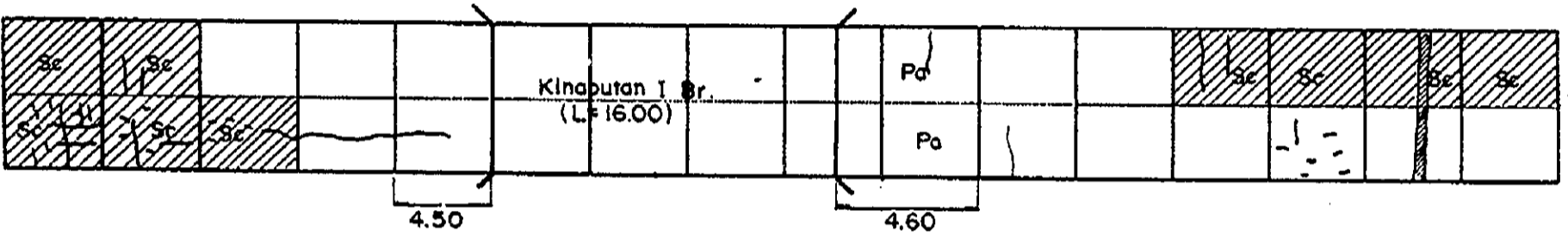
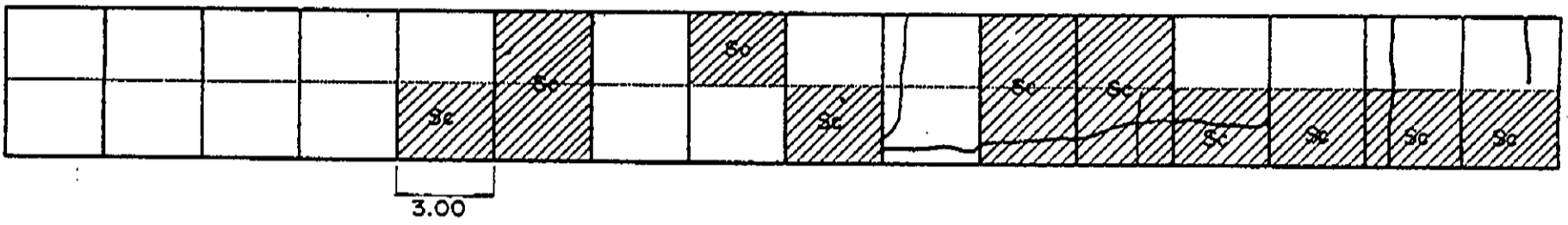
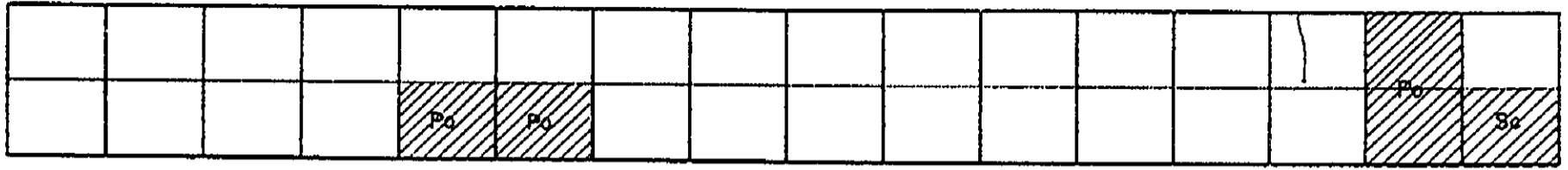


INVENTORY OF PAVEMENT SURFACE CONDITION

Km. 1121+000

Date: 11-14-95

Sheet No: 2/3

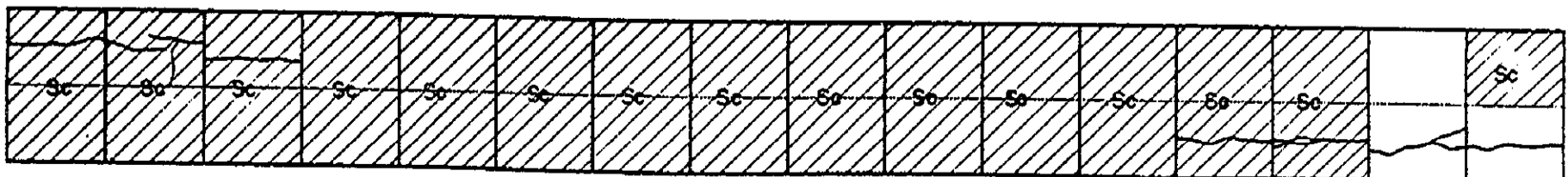
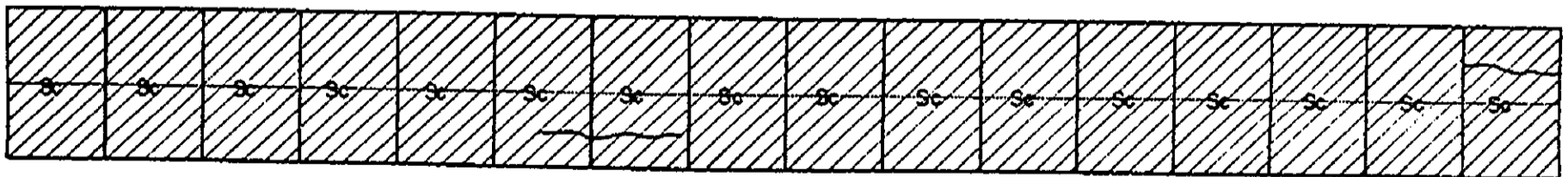
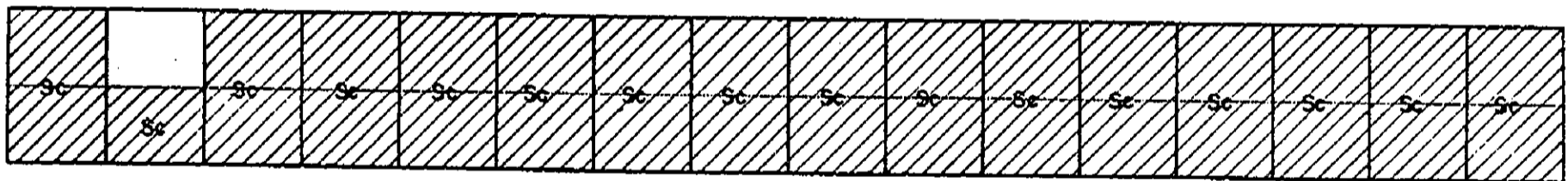
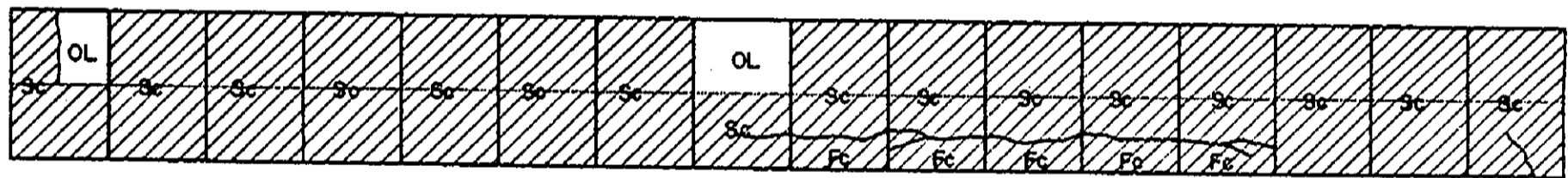
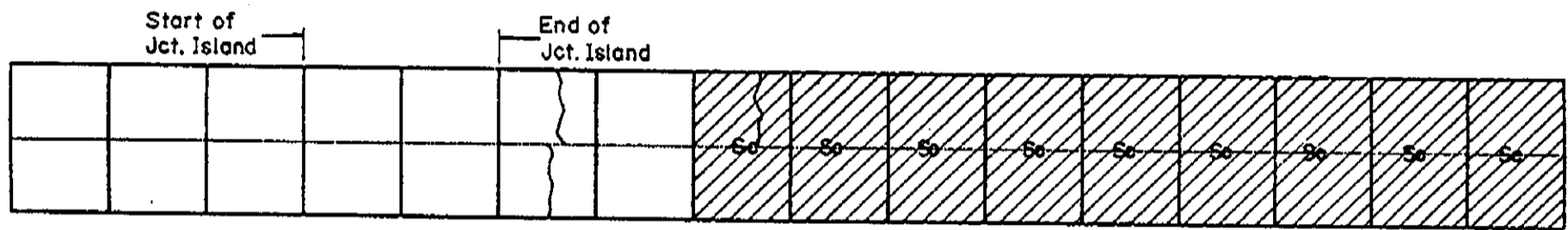
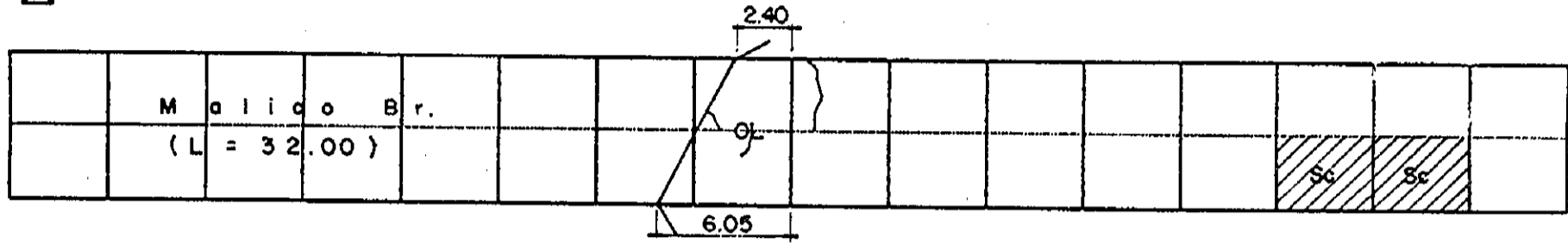
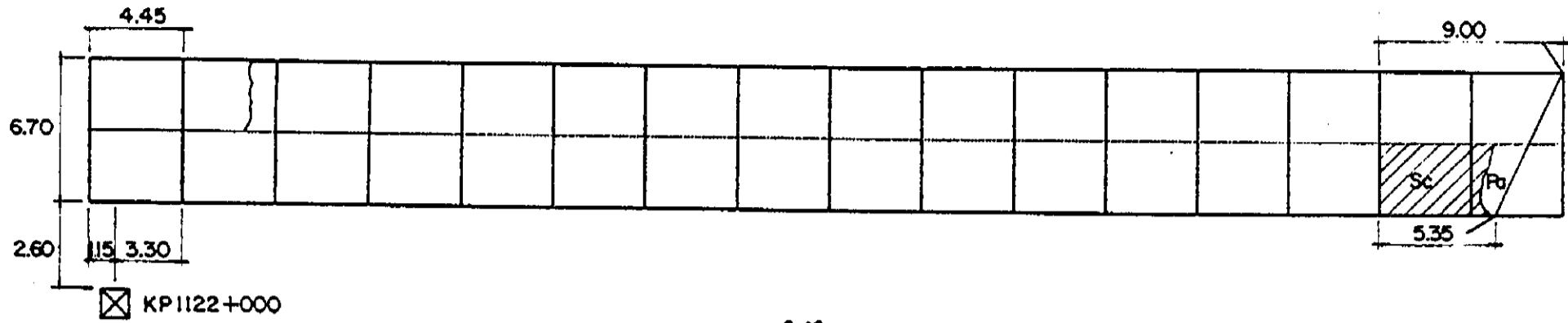


INVENTORY OF PAVEMENT SURFACE CONDITION

Km. 1122+000

Date: 11-14-95

Sheet No: 1/3

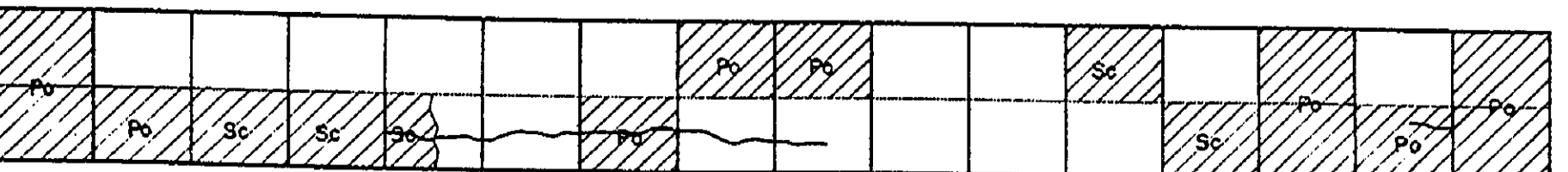
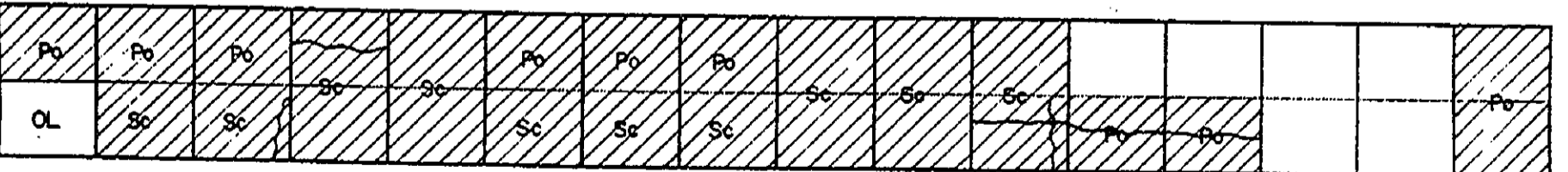
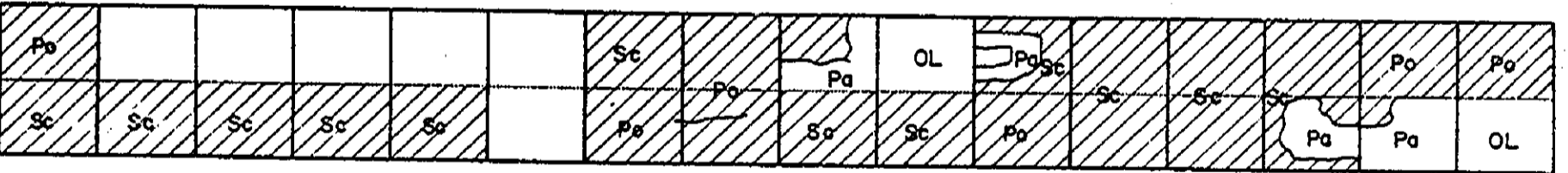
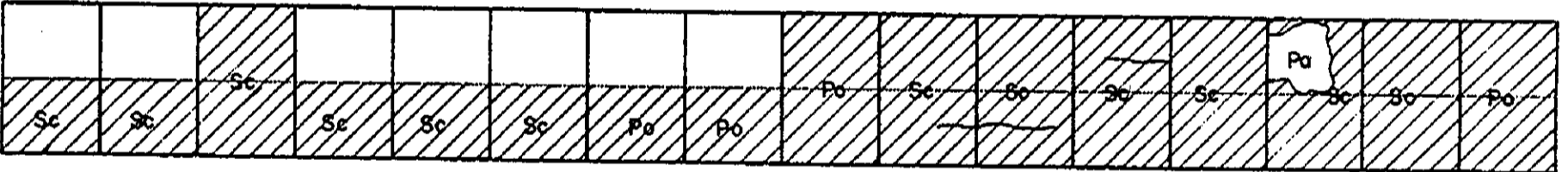
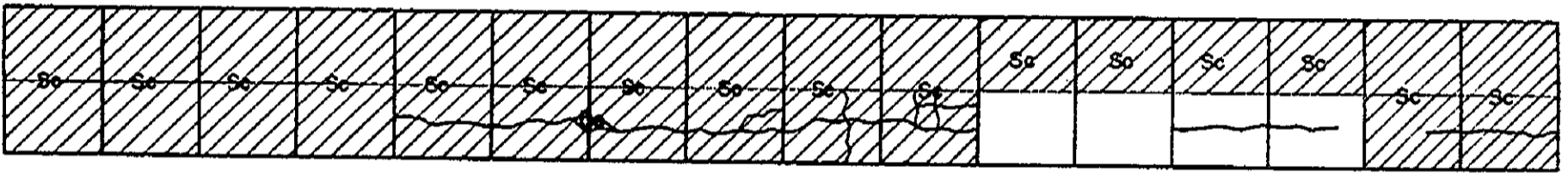
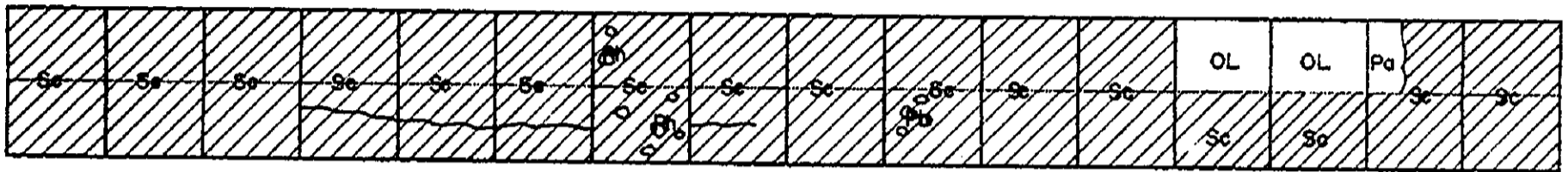
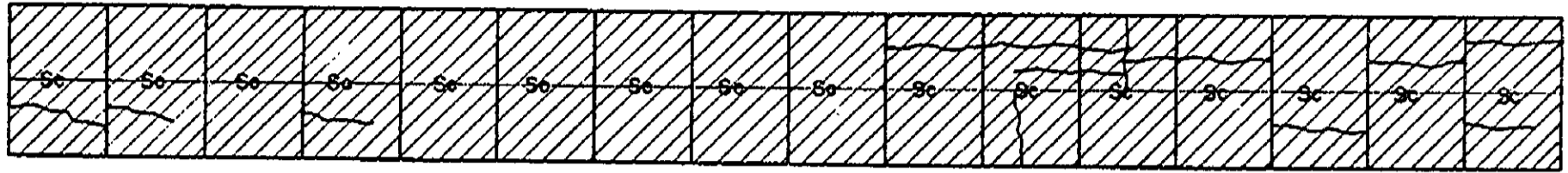


INVENTORY OF PAVEMENT SURFACE CONDITION

Km. 1122+000

Date: 11-14-95

Sheet No: 2/3

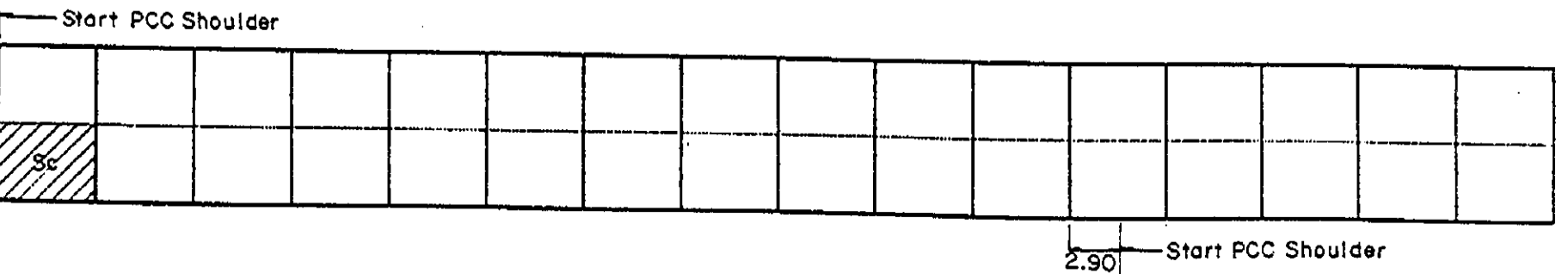
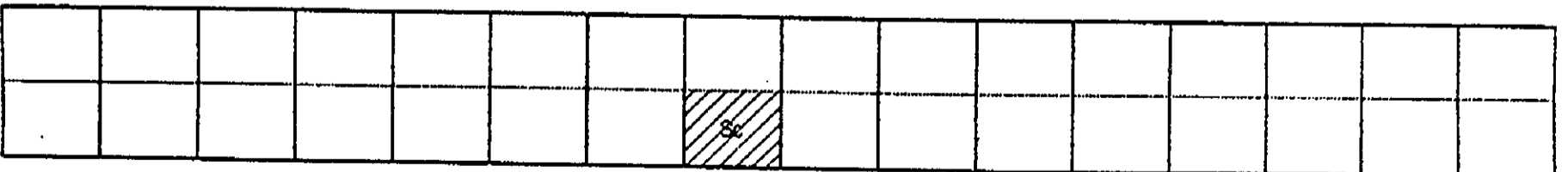
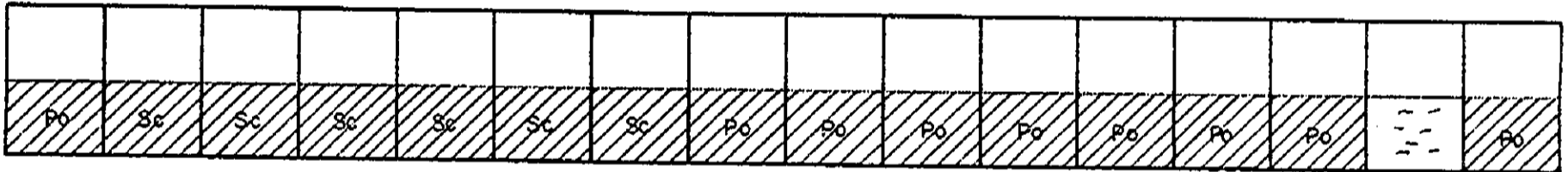
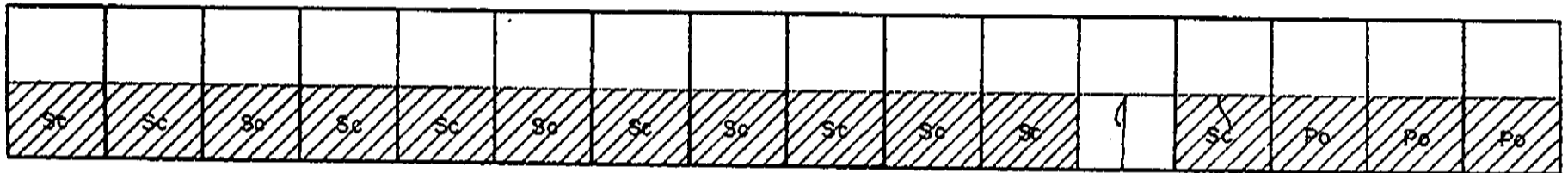
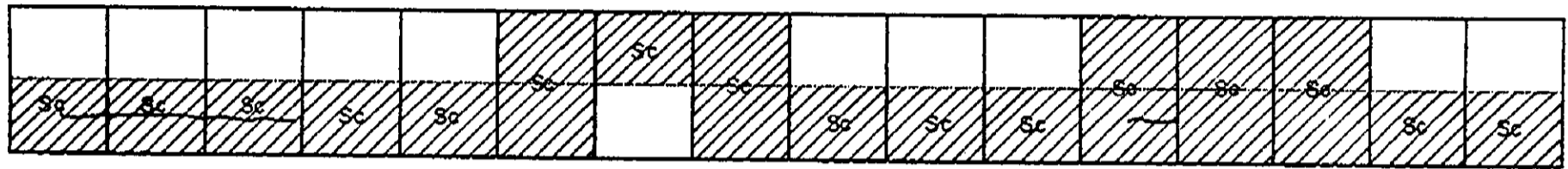
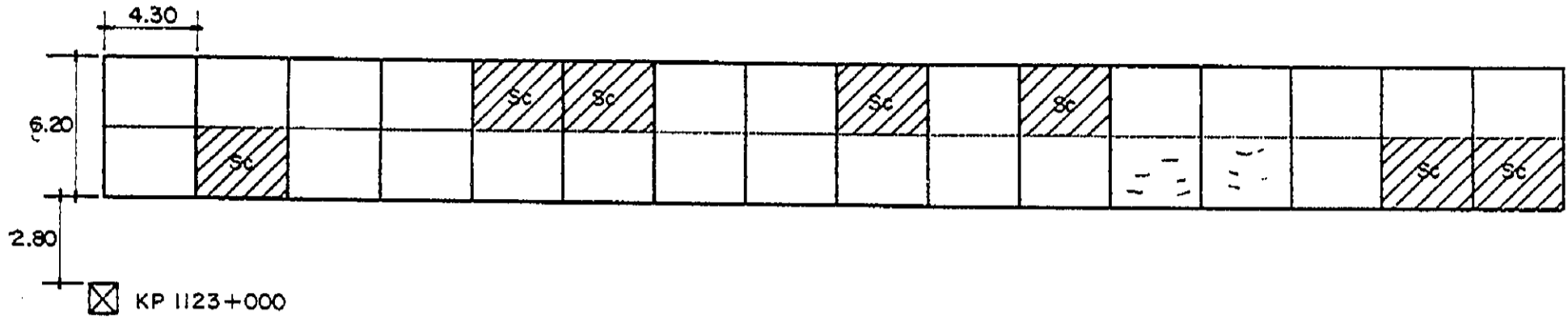


INVENTORY OF PAVEMENT SURFACE CONDITION

Date: 11-14-95

Km. 1123+000

Sheet No: 1/2



INVENTORY OF PAVEMENT SURFACE CONDITION

Km. 1123+000

Date: 11-14-95

Sheet No: 2/2

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							Sc	Sc			Sc			Sc	

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			Sc								Sc				

			Sc										Sc	Sc	

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								Sc							

End of PCC Shoulder ———

End of PCC Shoulder ———

Sc	Sc		Sc												
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6.76

3.80 0.70 3.00

KP1124+000

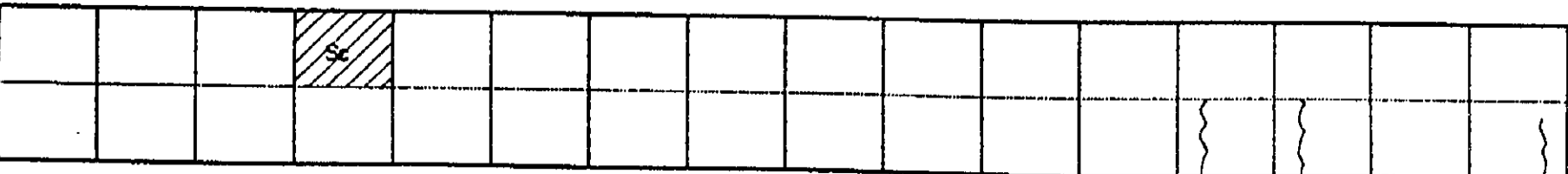
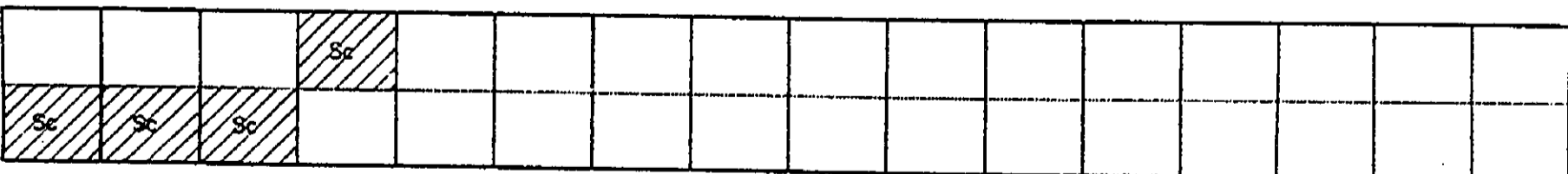
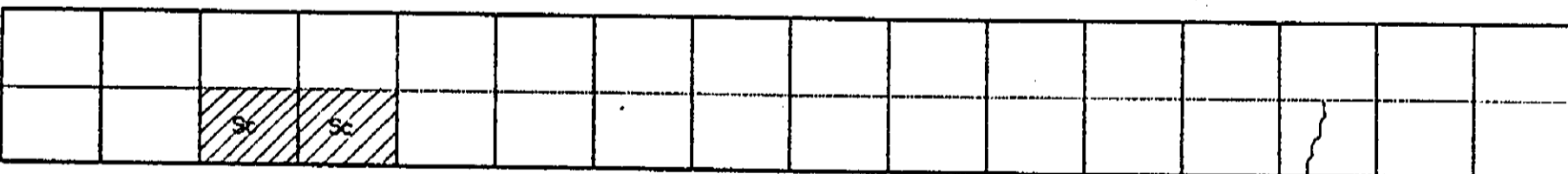
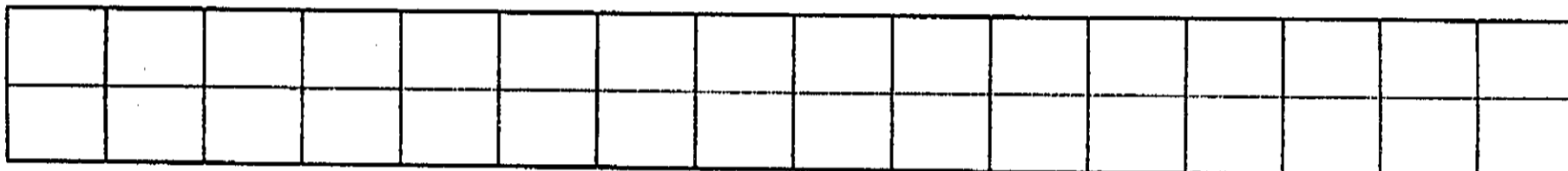
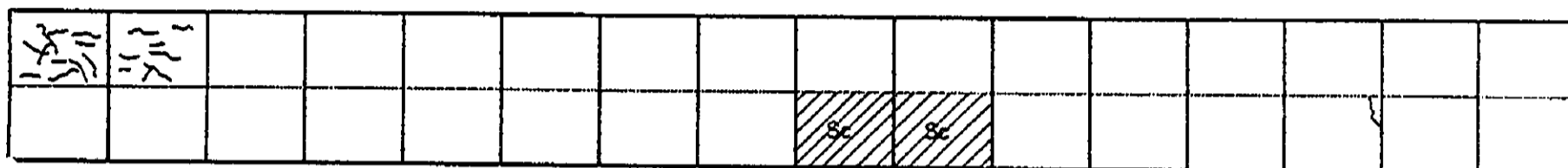
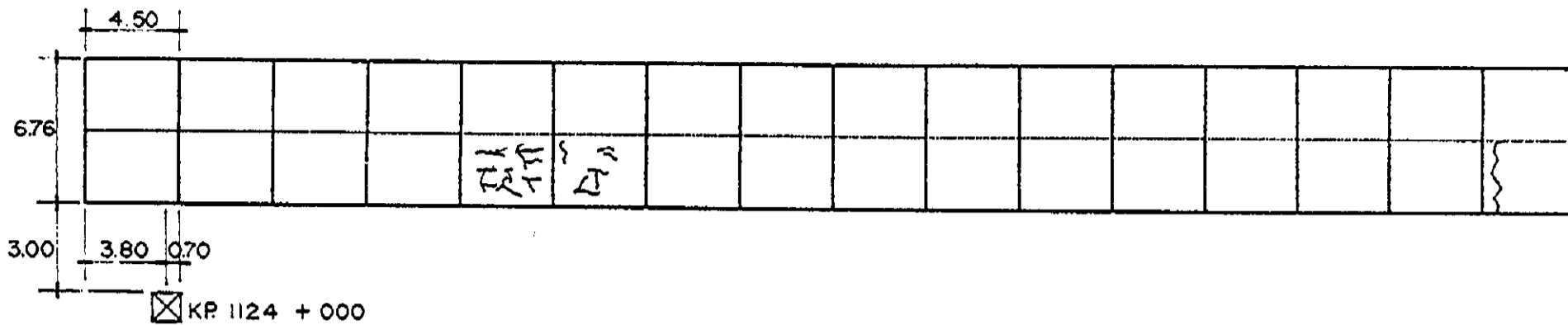


INVENTORY OF PAVEMENT SURFACE CONDITION

Date : 11-14-95

Sheet No : 1/2

Km. 1124+000

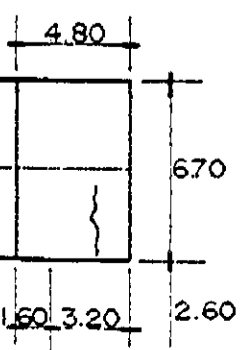


INVENTORY OF PAVEMENT SURFACE CONDITION

Km. 1124 + 000

Date: 11-14-95

Sheet No: 2/2



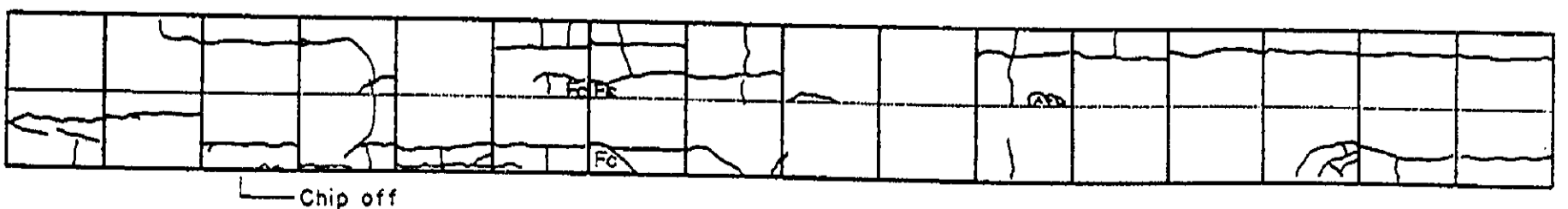
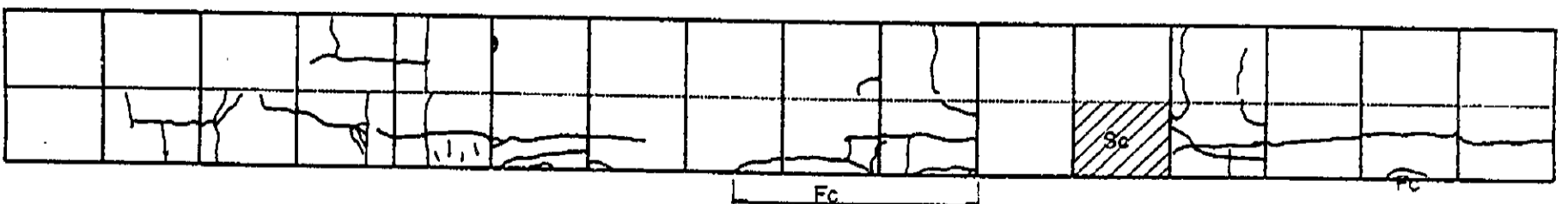
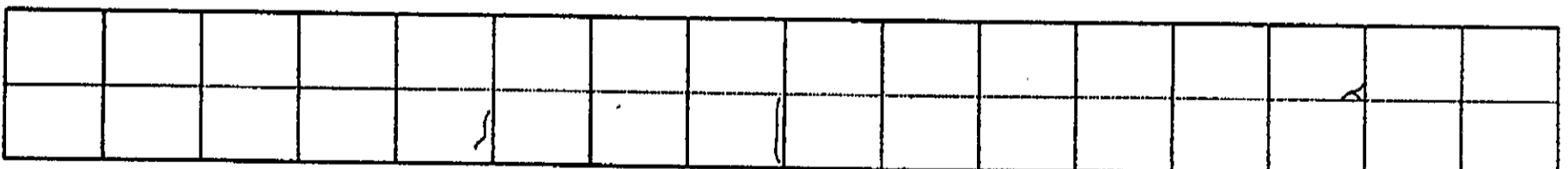
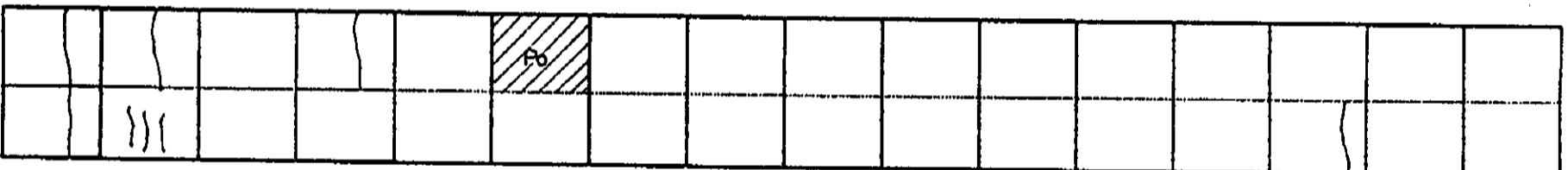
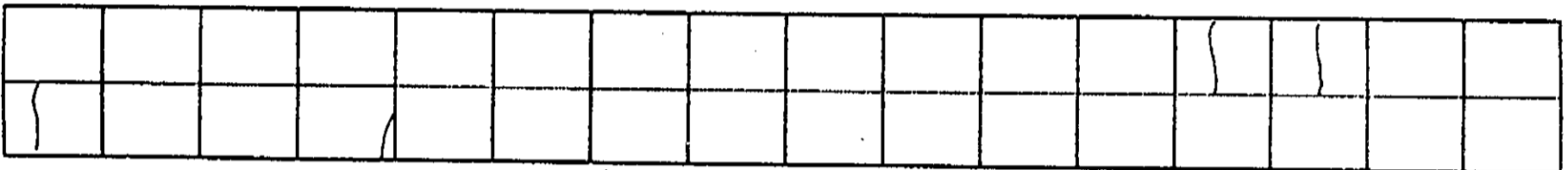
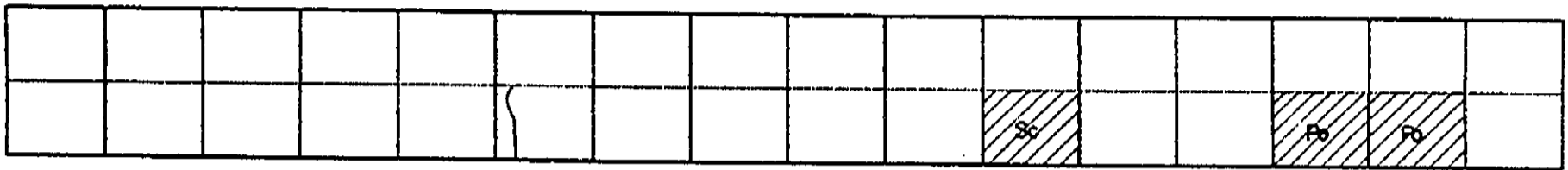
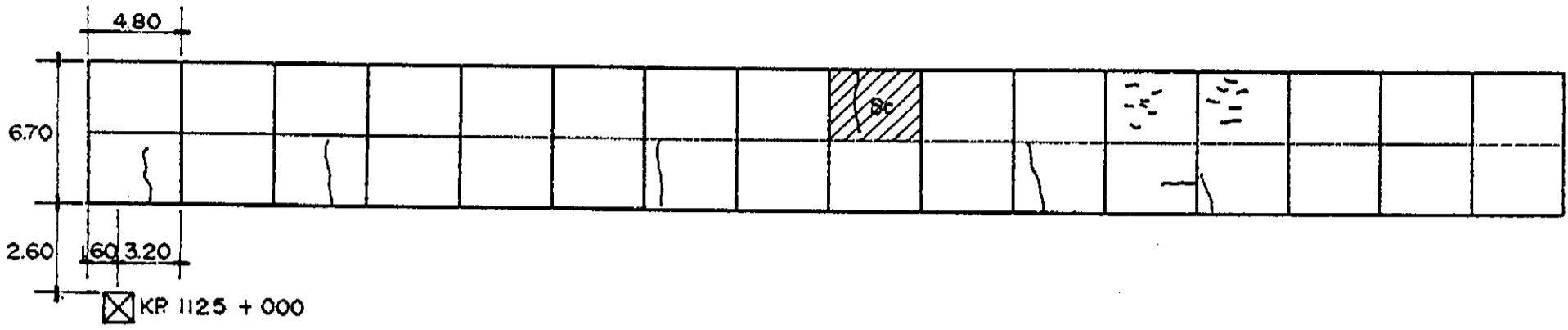
KP 1125 + 000

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Km. 1125 + 000

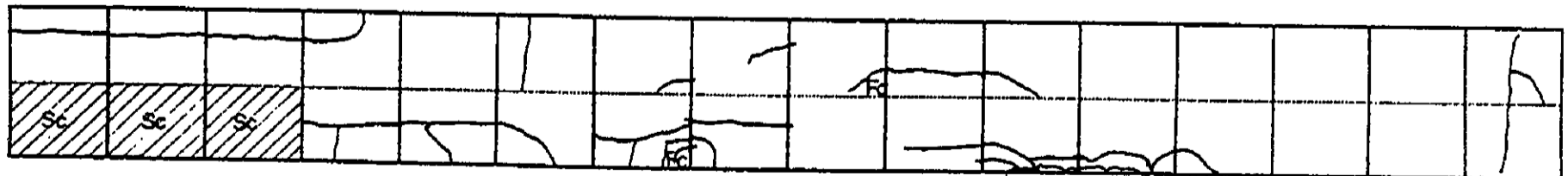
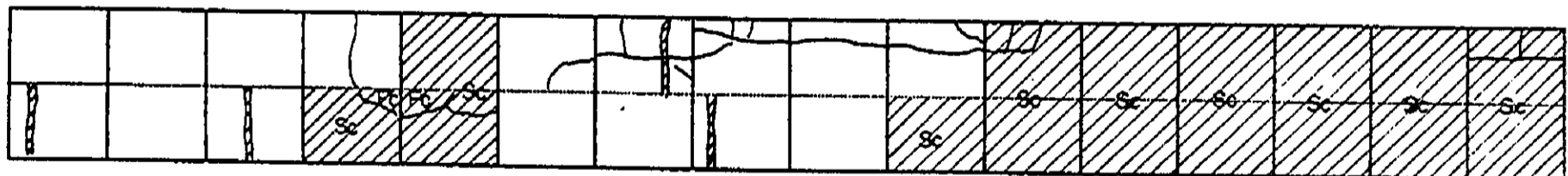
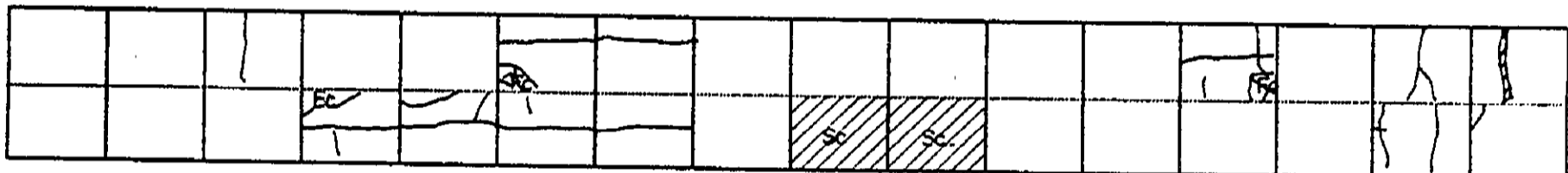
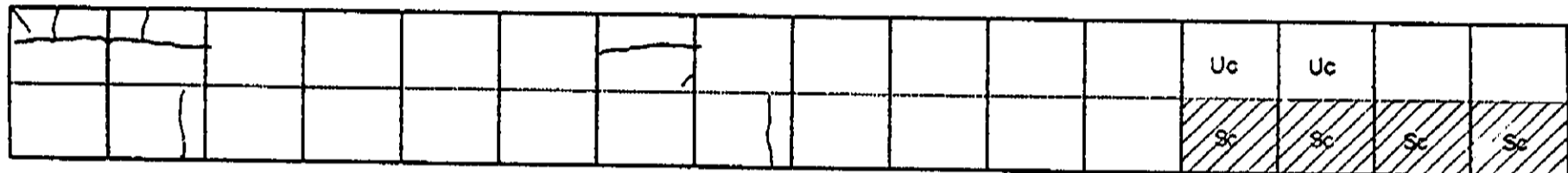
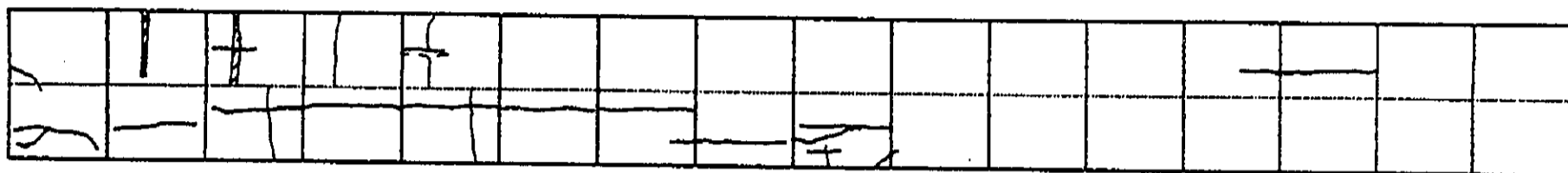


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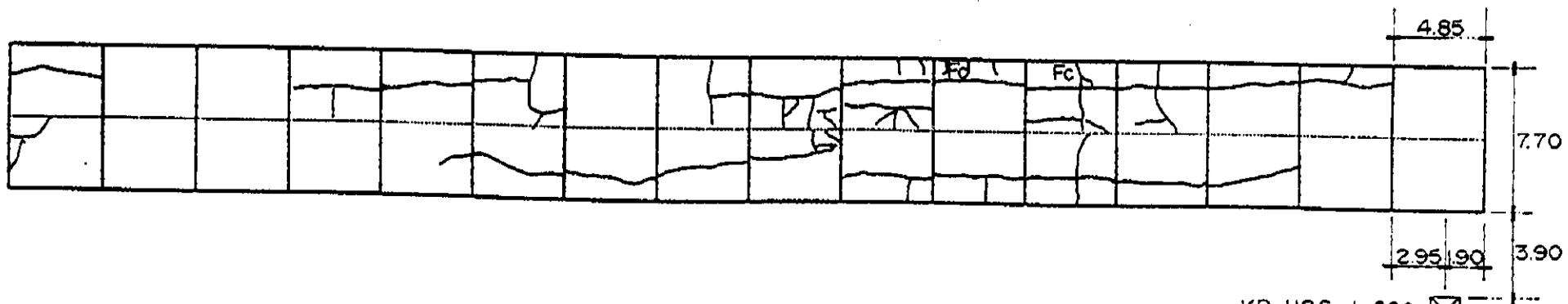
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Chip off



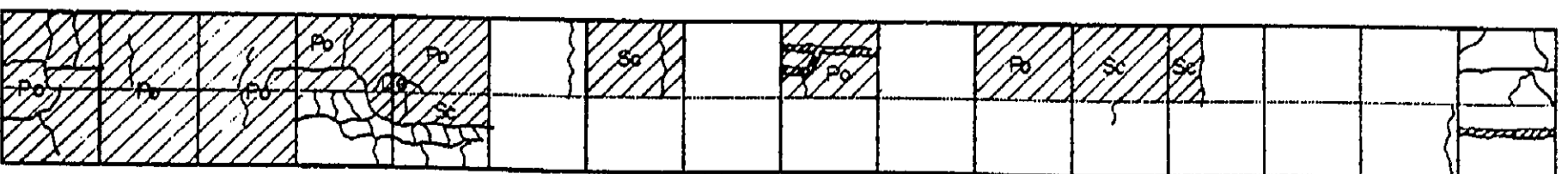
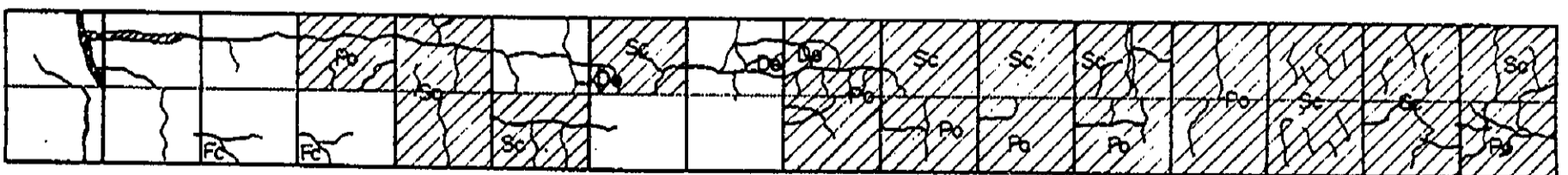
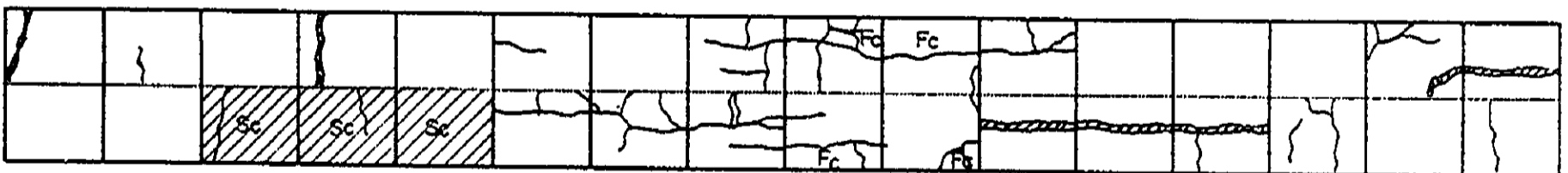
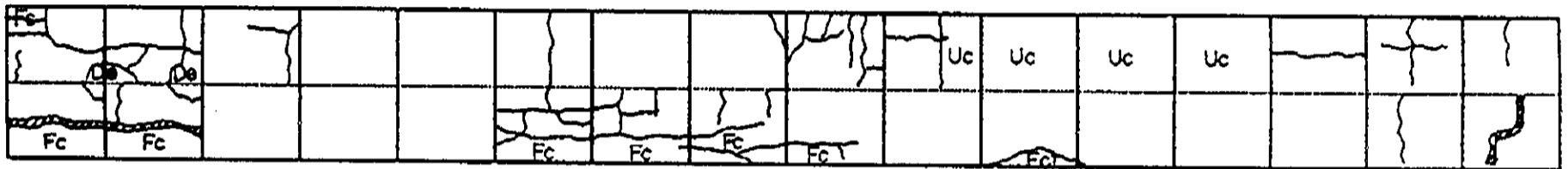
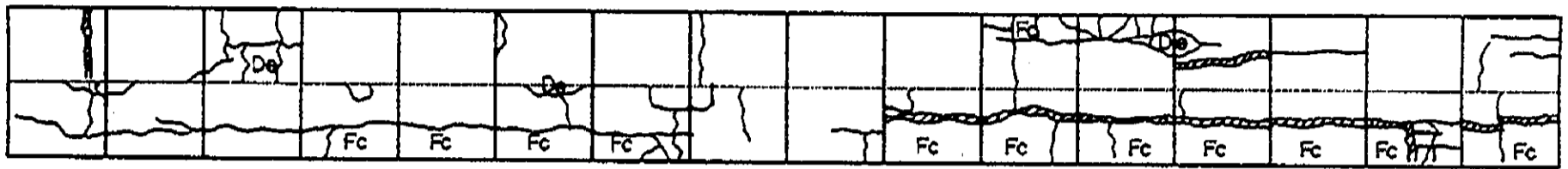
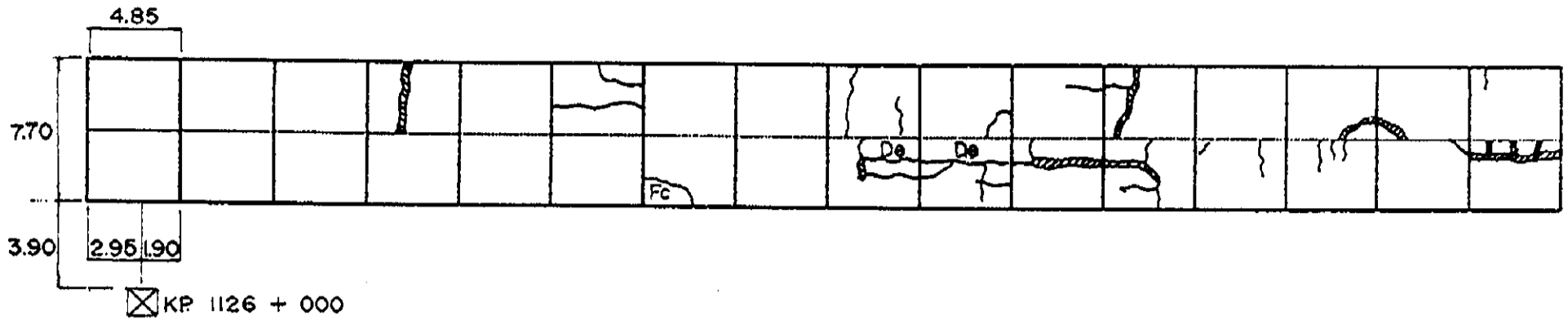
KP 1126 + 000

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Km. 1126 + 000

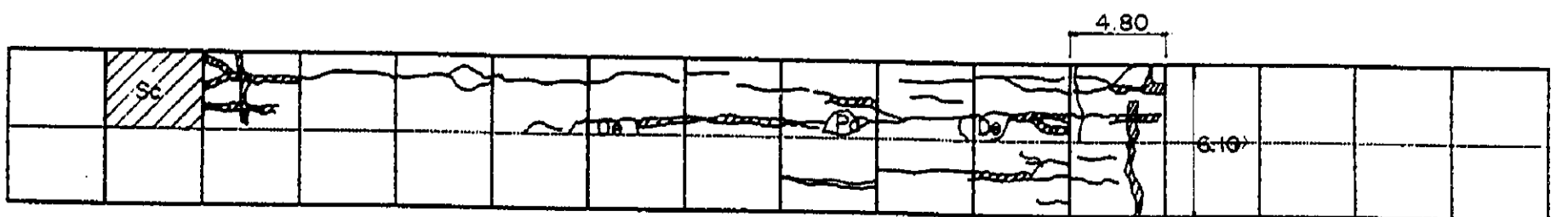
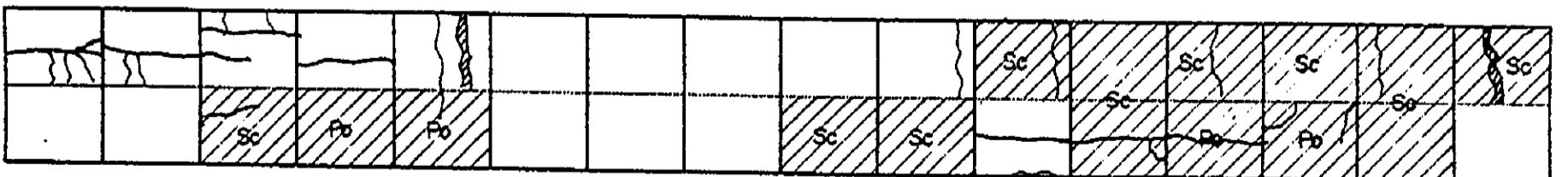
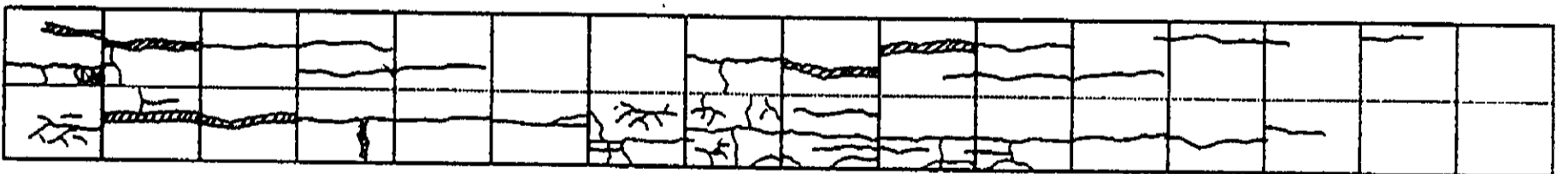
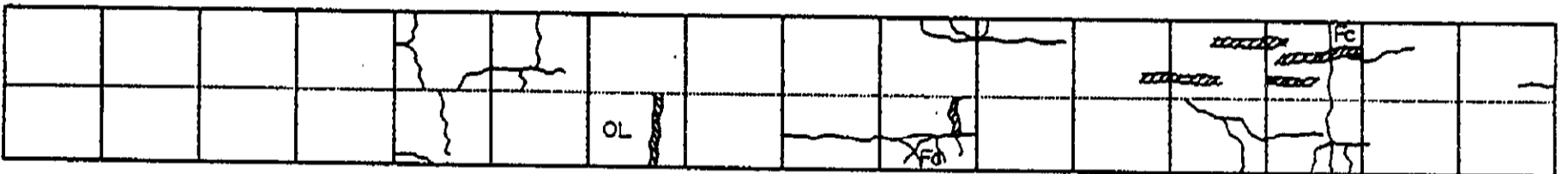
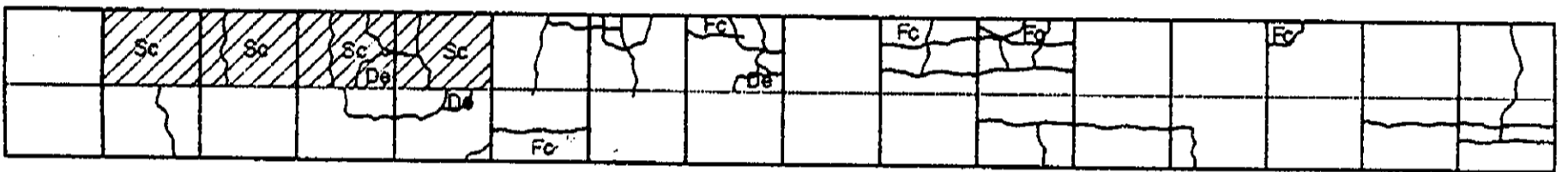
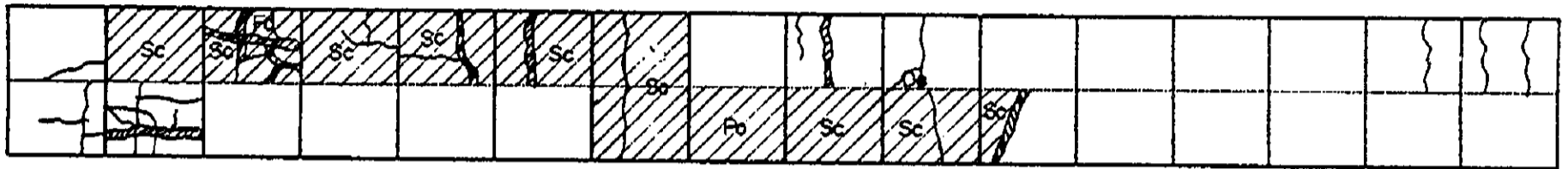
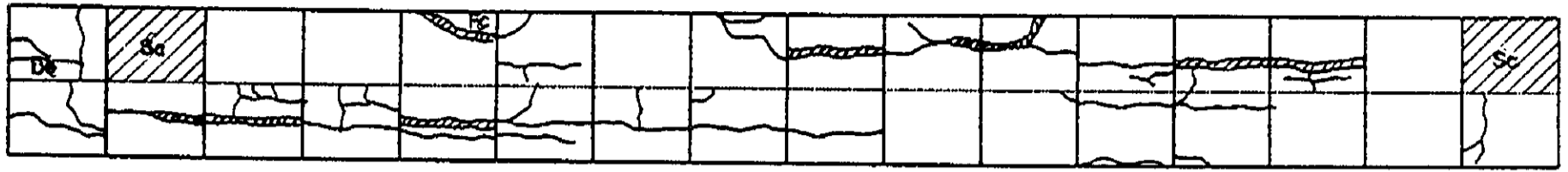


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4.80
6.10
2.70
4.40 0.40

☒ KP 1127 + 000

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Km. 1127 + 000

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Sc	Sc	Sc	Sc	Sc	Sc	Sc													

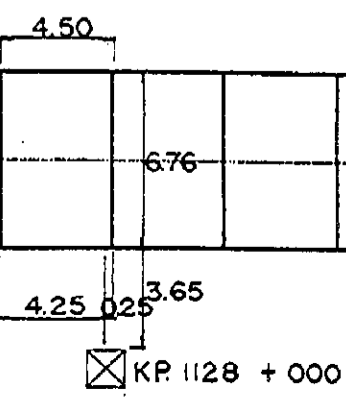
							B										Sc		

	Sc	Sc	Sc	Sc	Sc	Sc	Sc										Sc	Sc	Sc

Sc	Sc	Sc		Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	Sc	

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Sc	Pb	Sc	Sc	Sc		Sc													

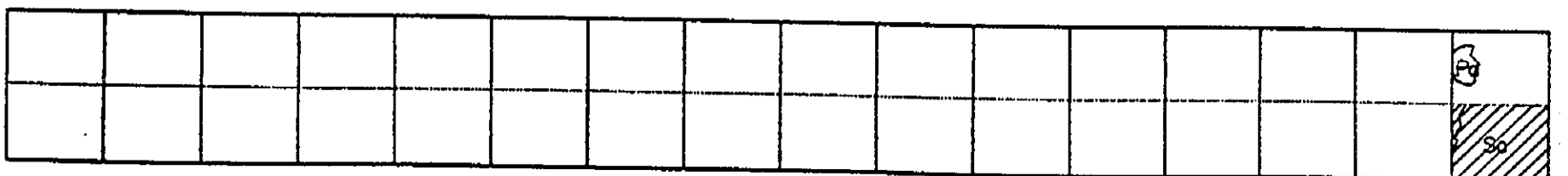
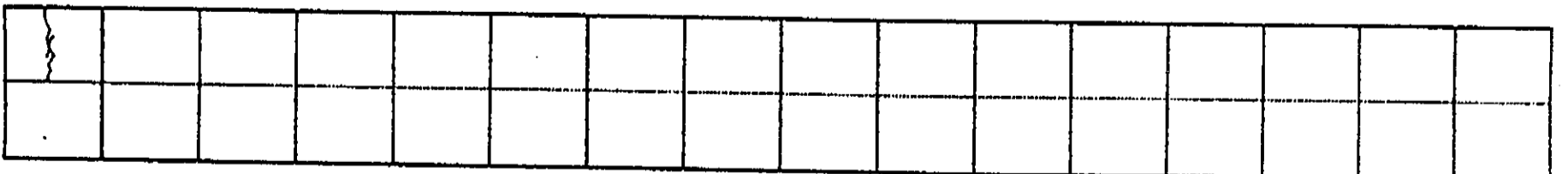
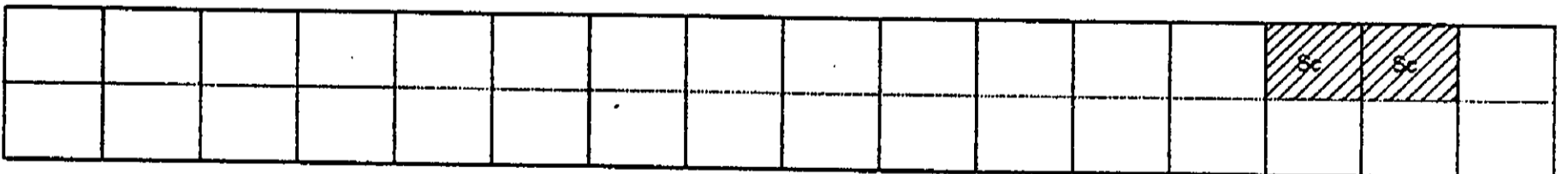
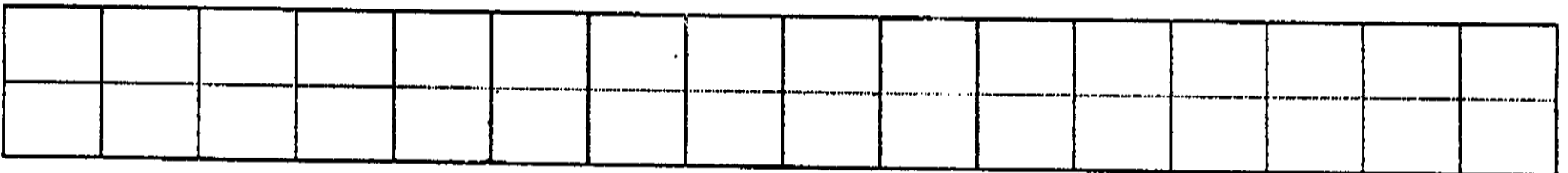
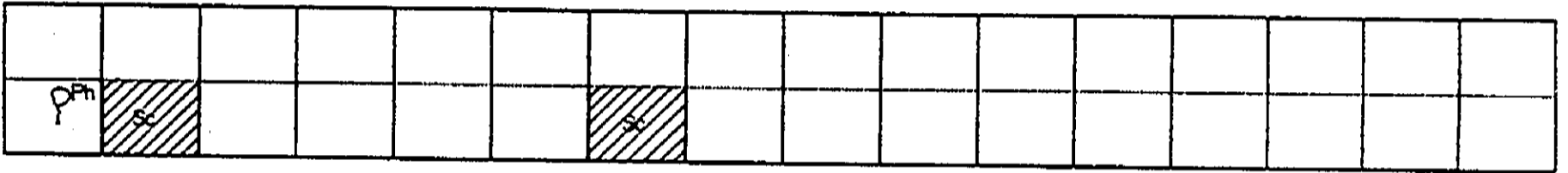
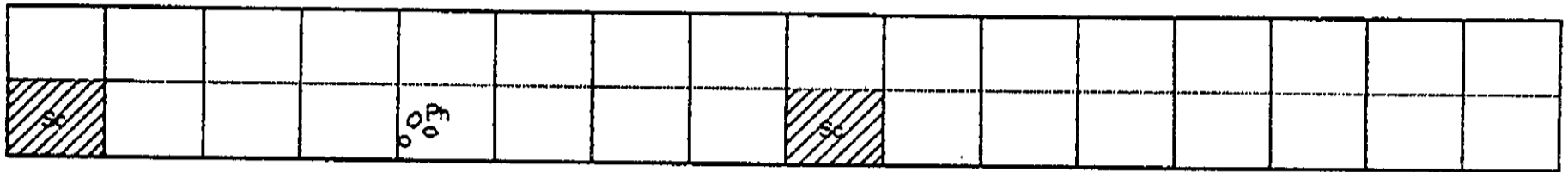
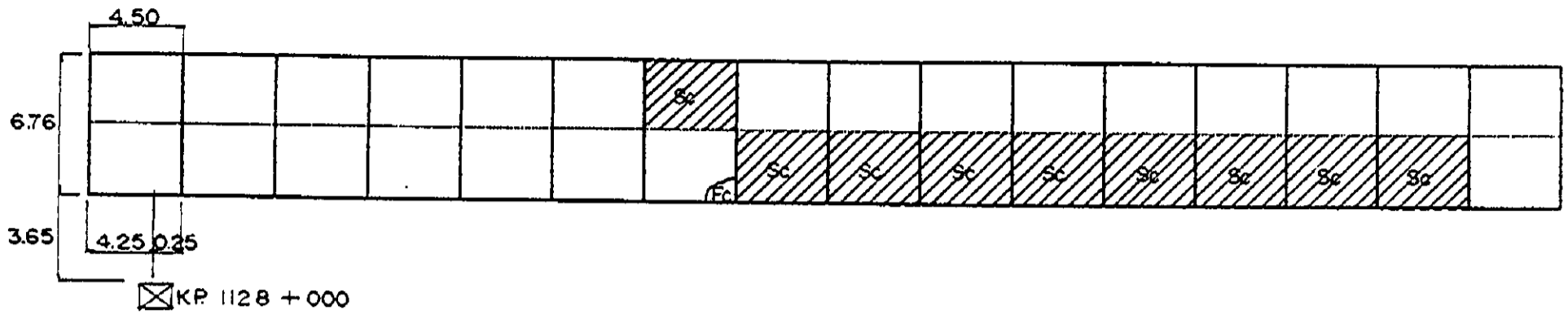


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Km. 1128 + 000



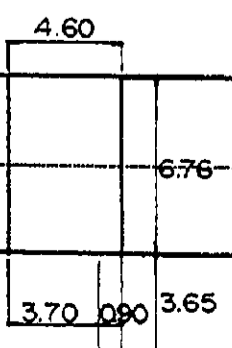
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Km. 1128 + 000

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		Sc	Sc	Sc																



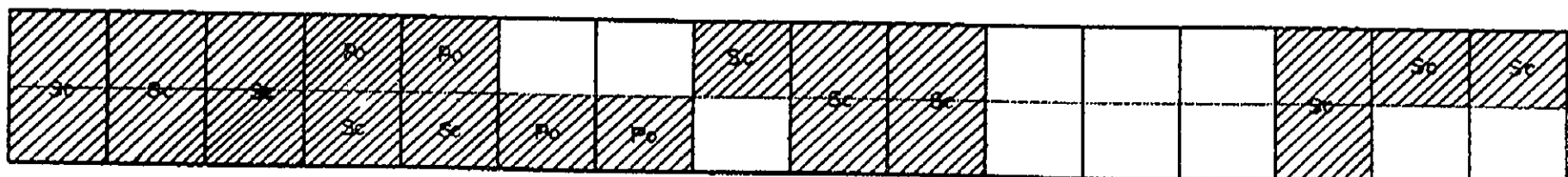
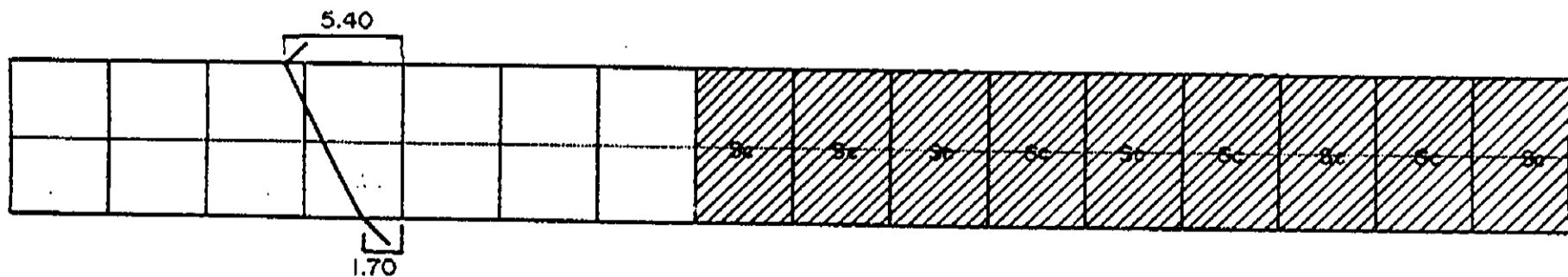
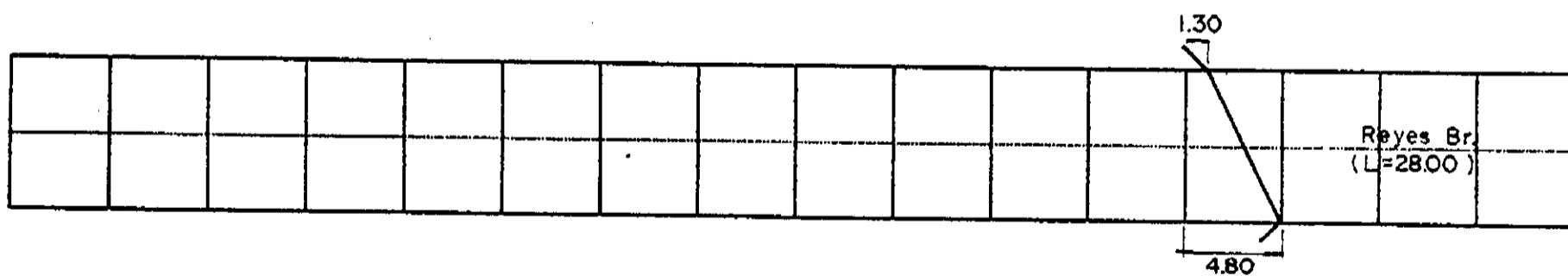
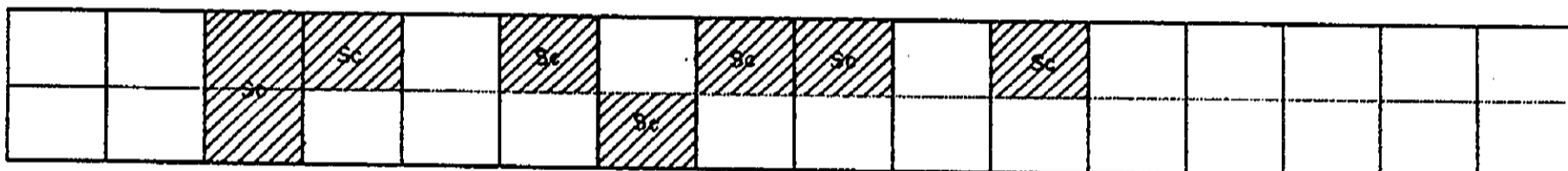
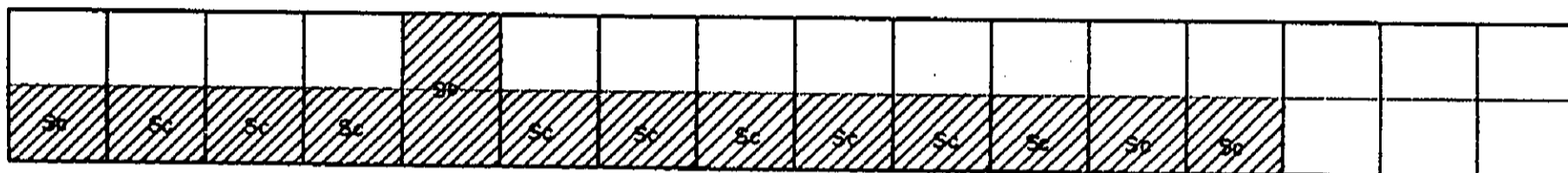
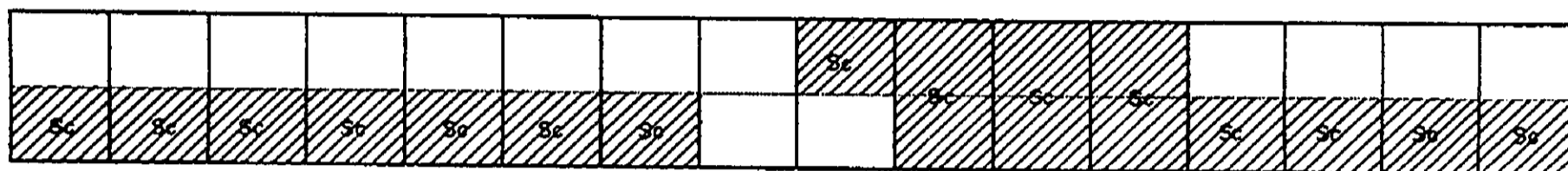
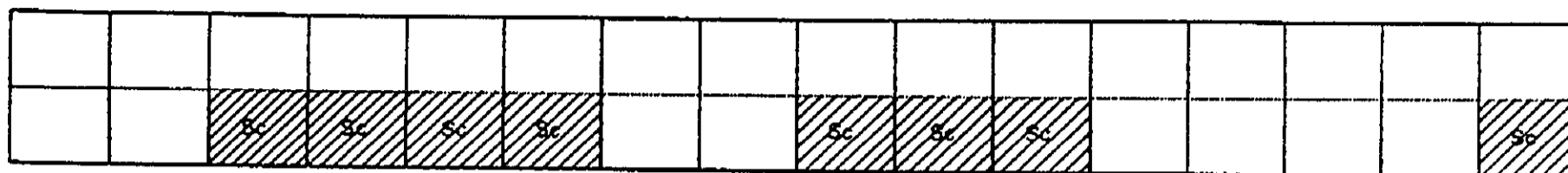
☒ KP 1129 + 000

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Km. 1130+000

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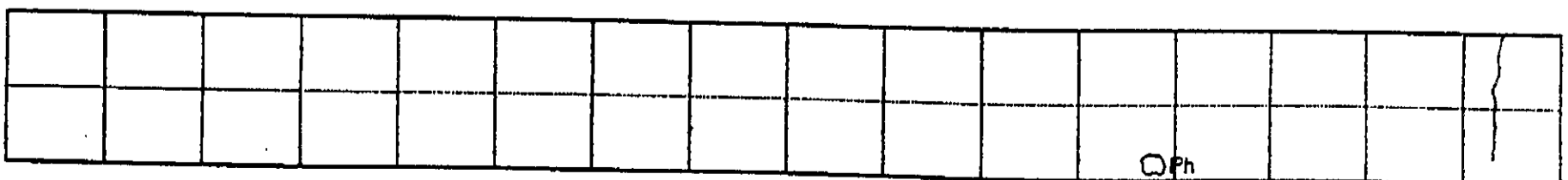
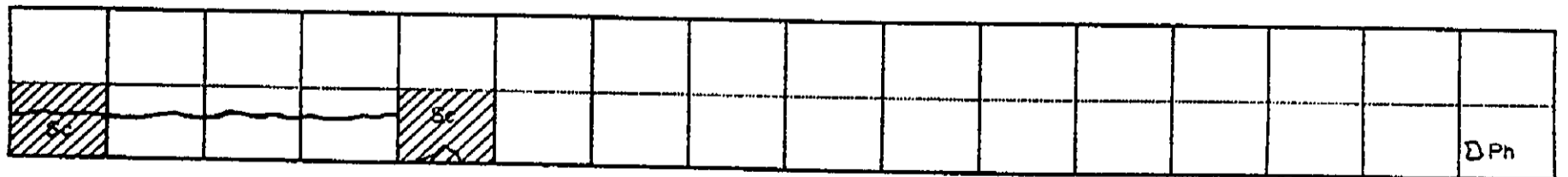
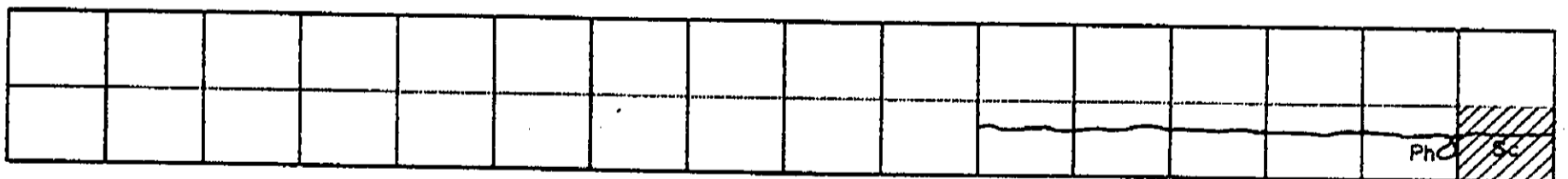
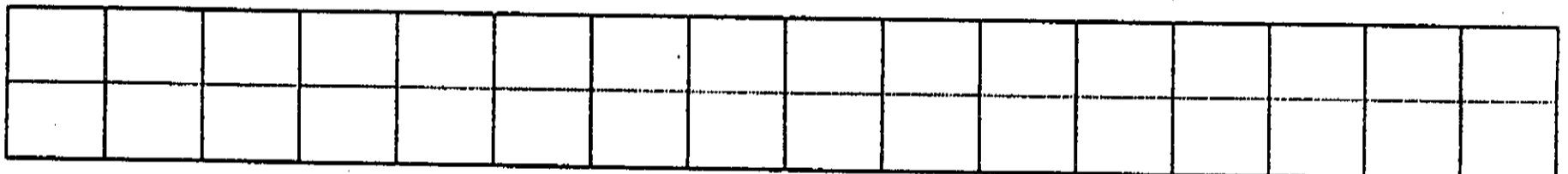
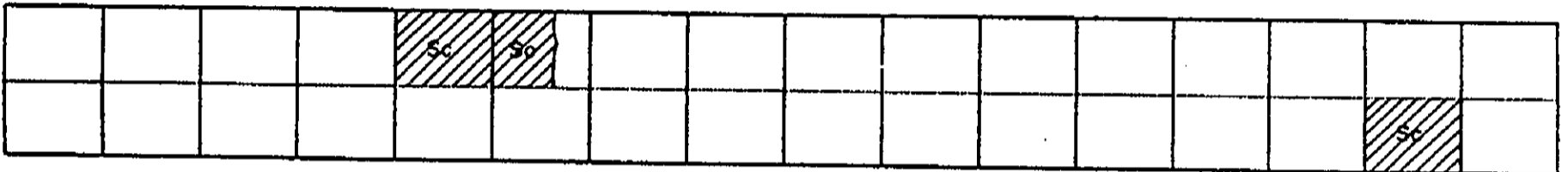
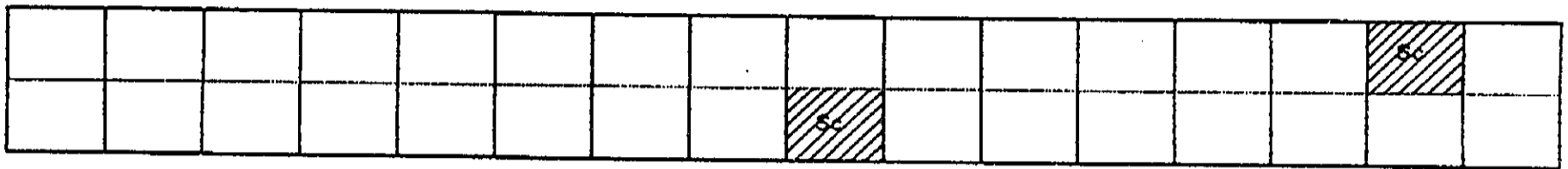
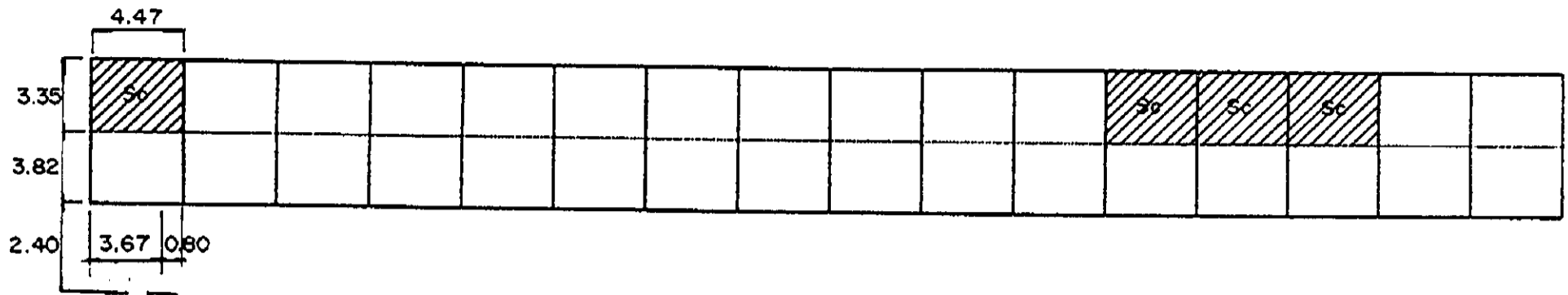


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Km. 1131+000



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Km. 1131+000

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