

Fig. 5-4-1 Location Map of Flow Rate Measurement and Chemical Analysis of Water

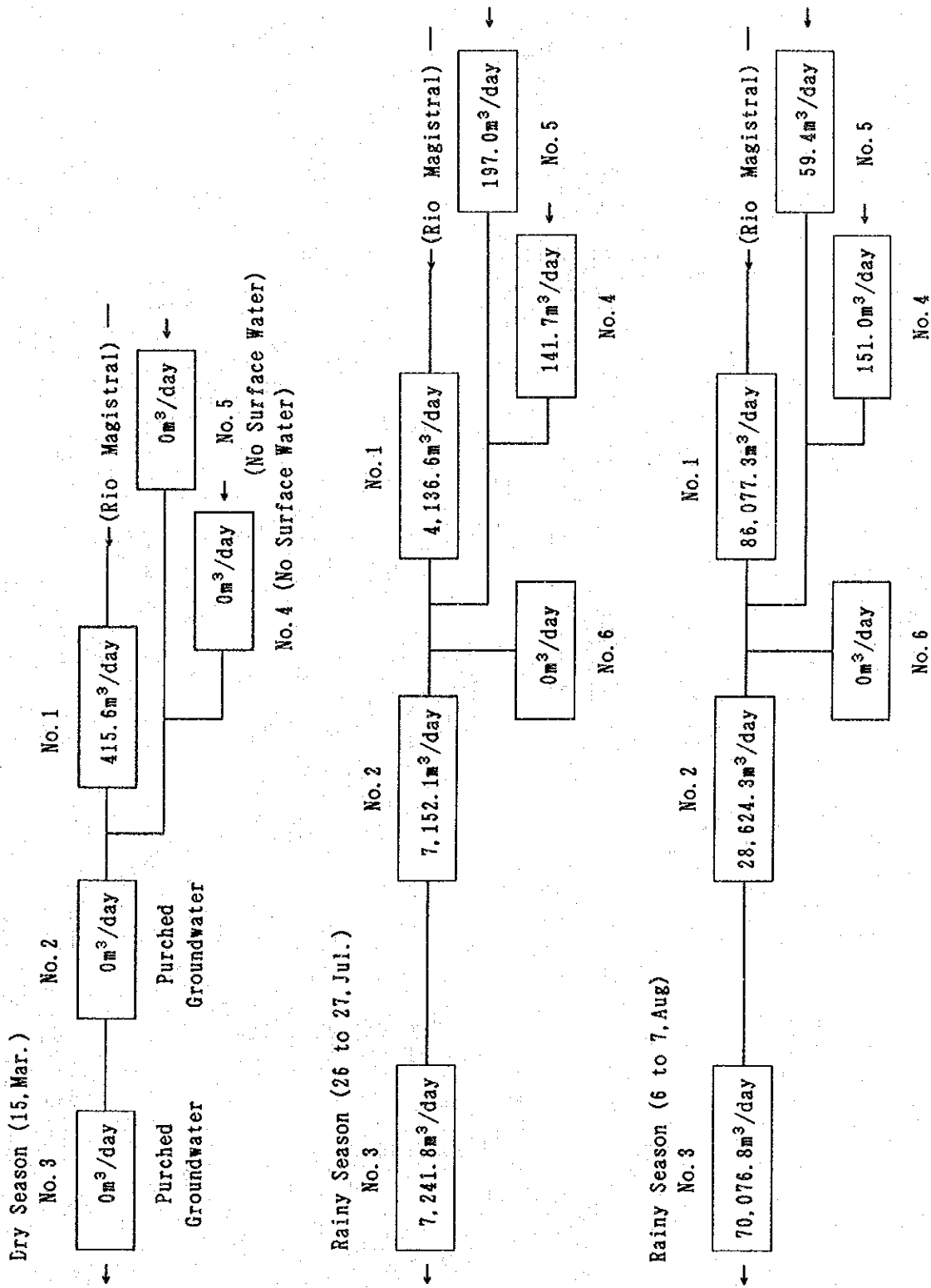


Fig. 5-4-2 Surface Water Balance (New El Coco)

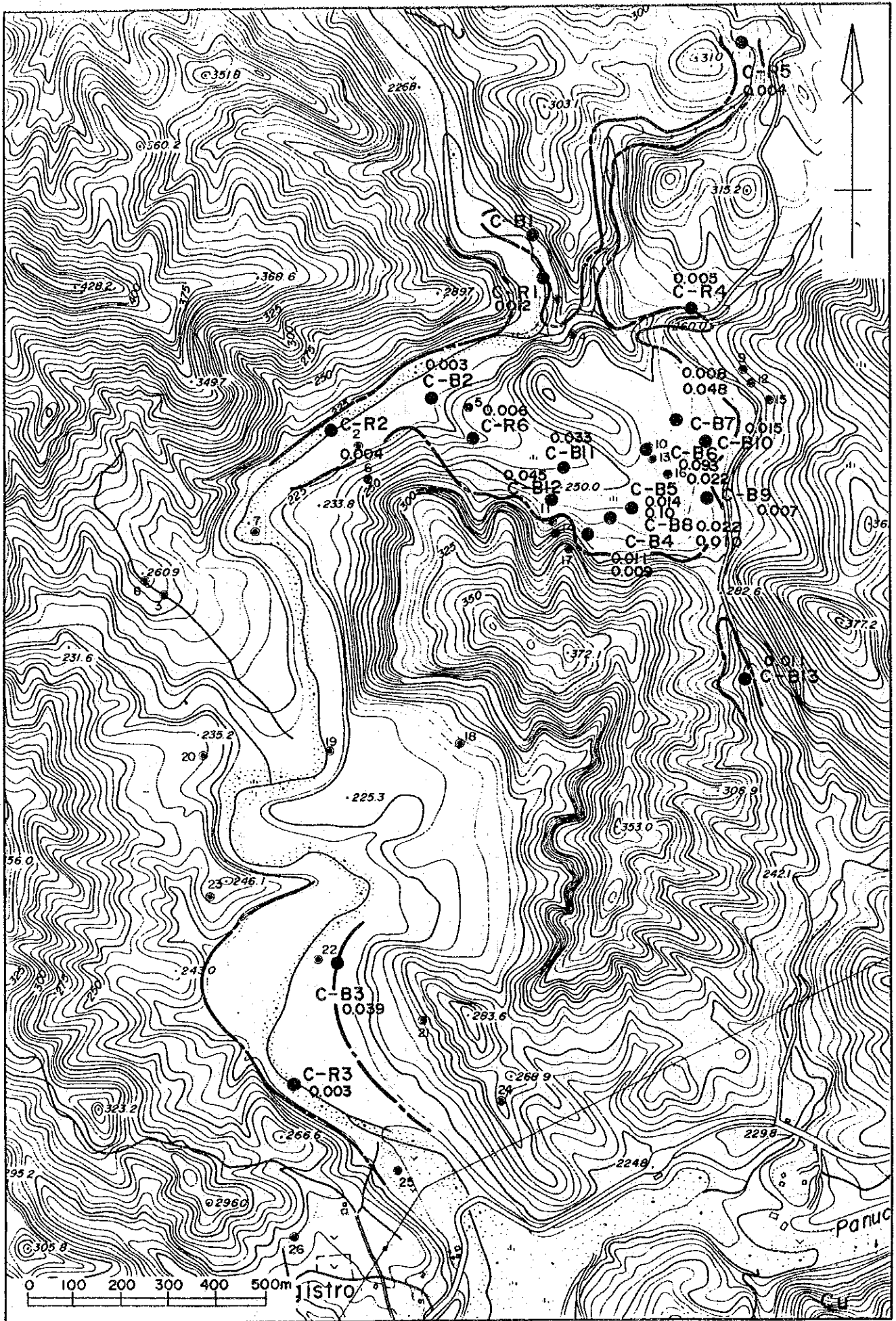


Fig. 5-4-3 Analysis Map of Chemical Data of Water (1)

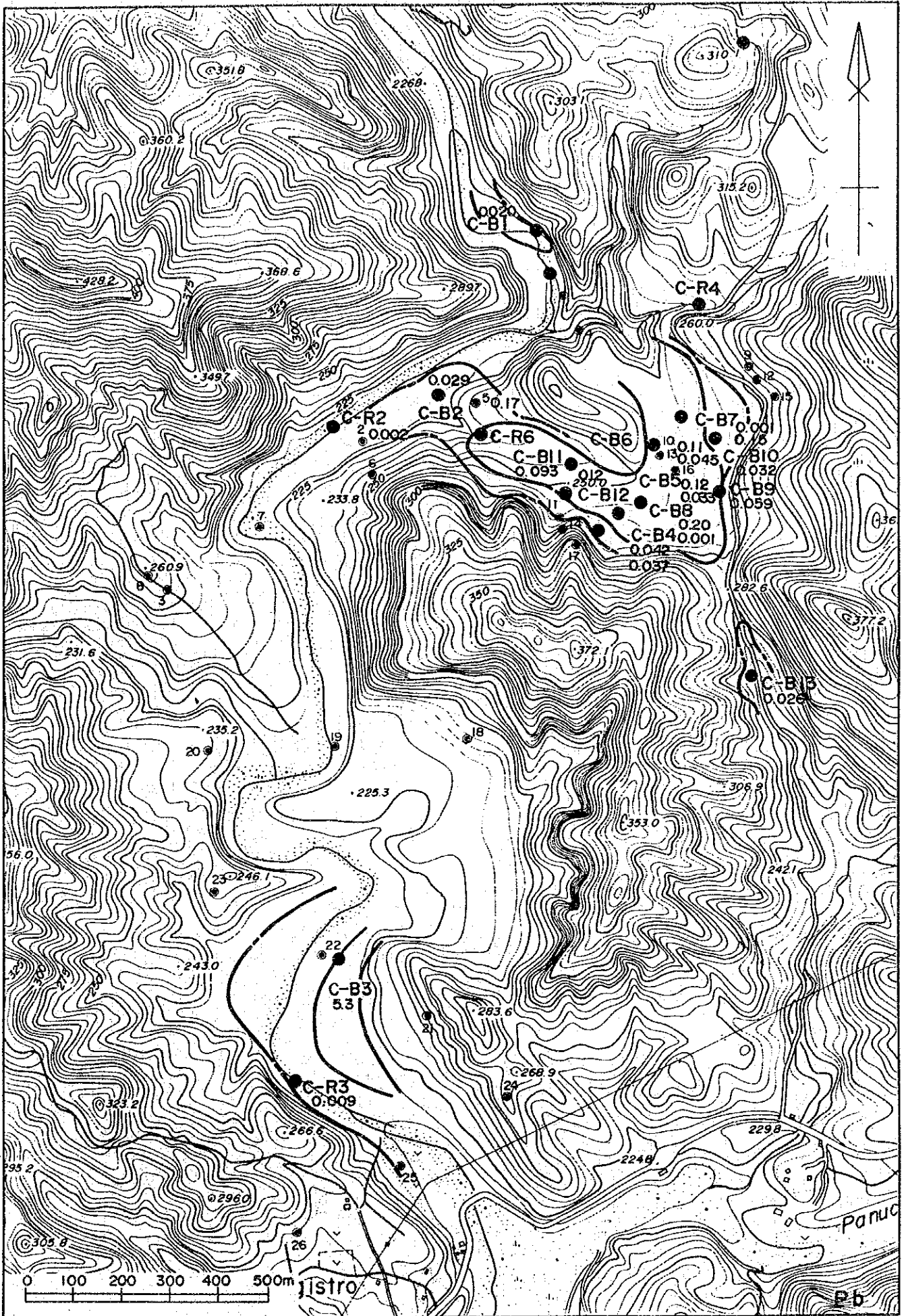


Fig. 5-4-3 Analysis Map of Chemical Data of Water (2)

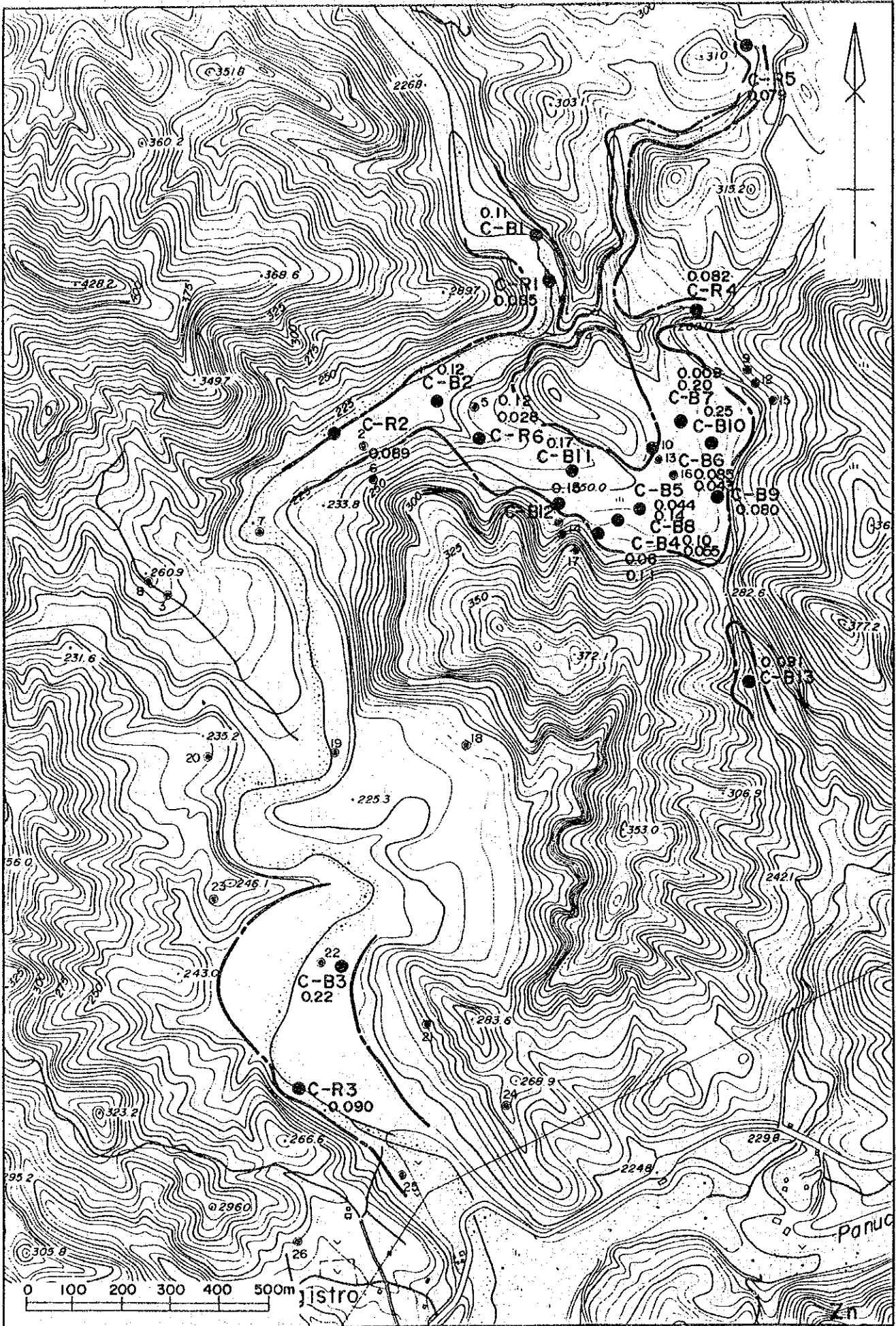


Fig. 5-4-3 Analysis Map of Chemical Data of Water (3)

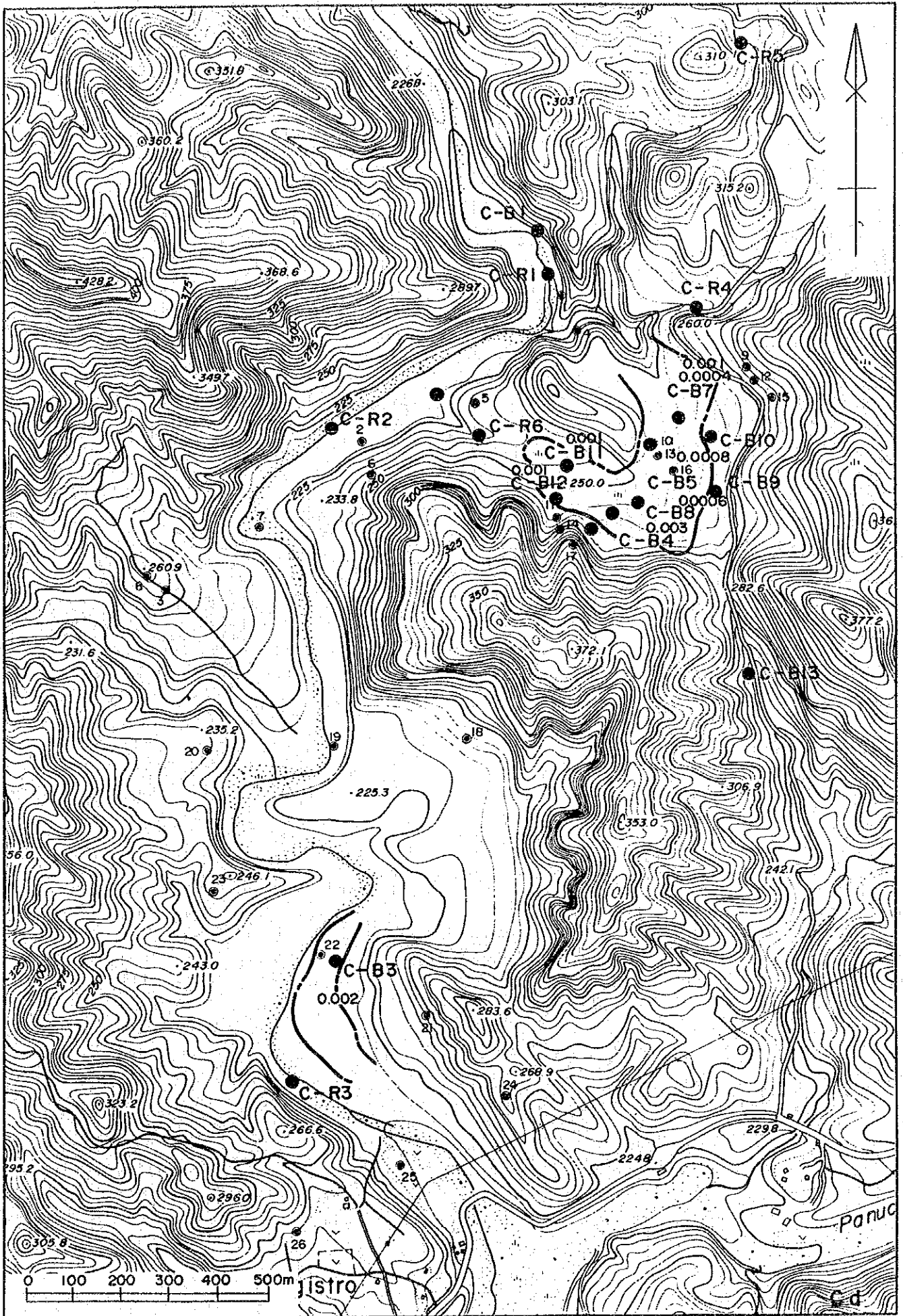


Fig. 5-4-3 Analysis Map of Chemical Data of Water (4)



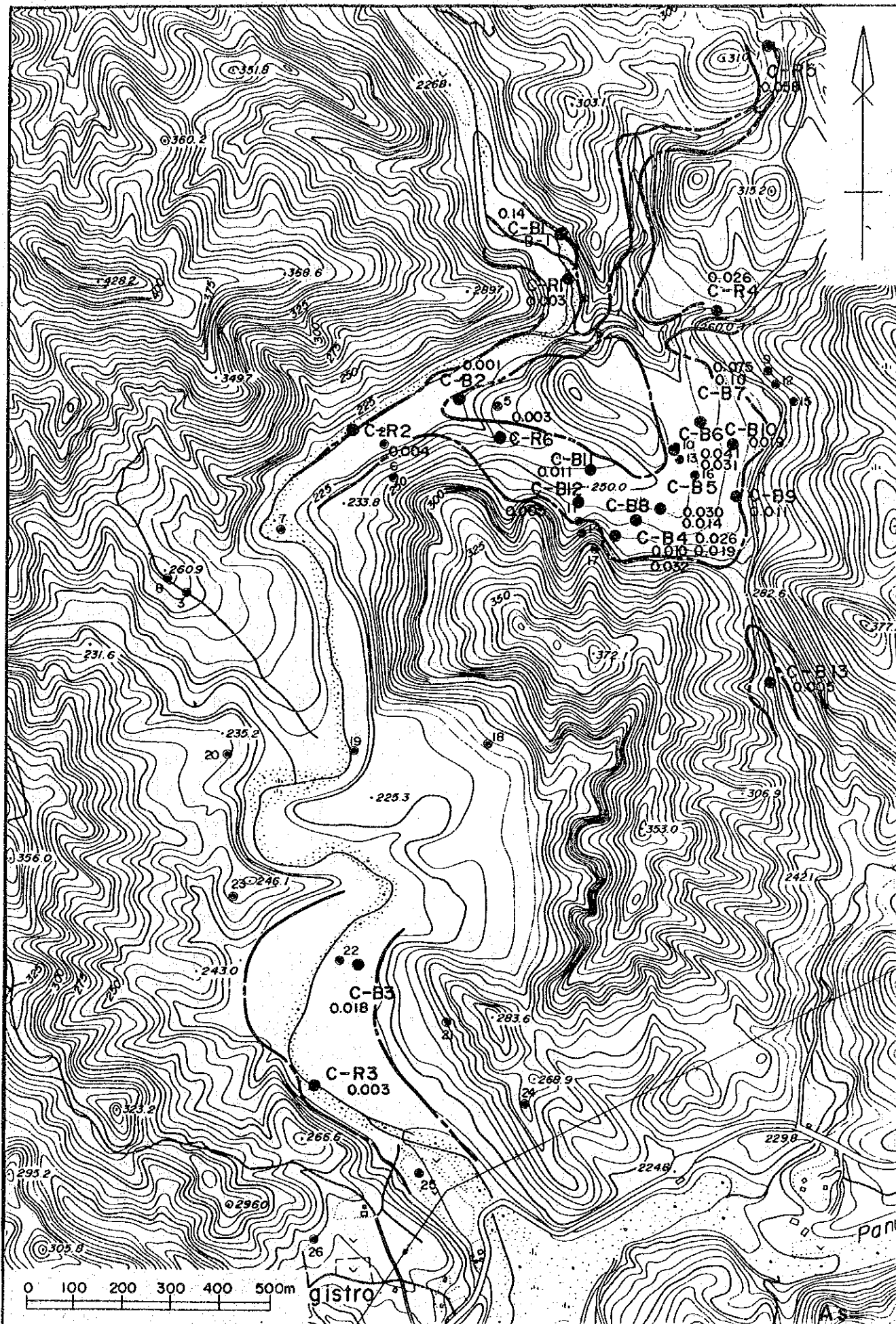


Fig. 5-4-3 Analysis Map of Chemical Data of Water (6)



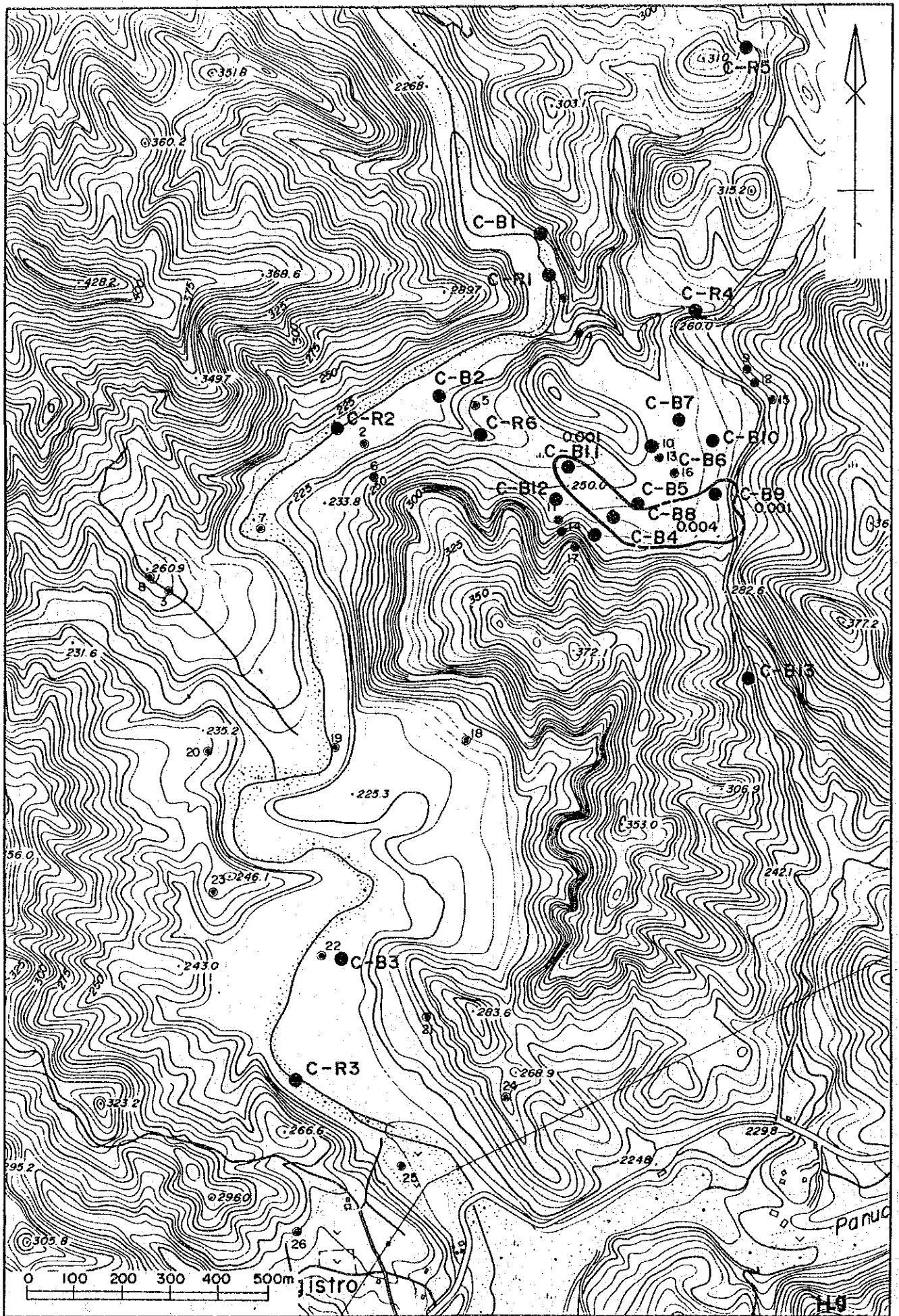


Fig. 5-4-3 Analysis Map of Chemical Data of Water (7)

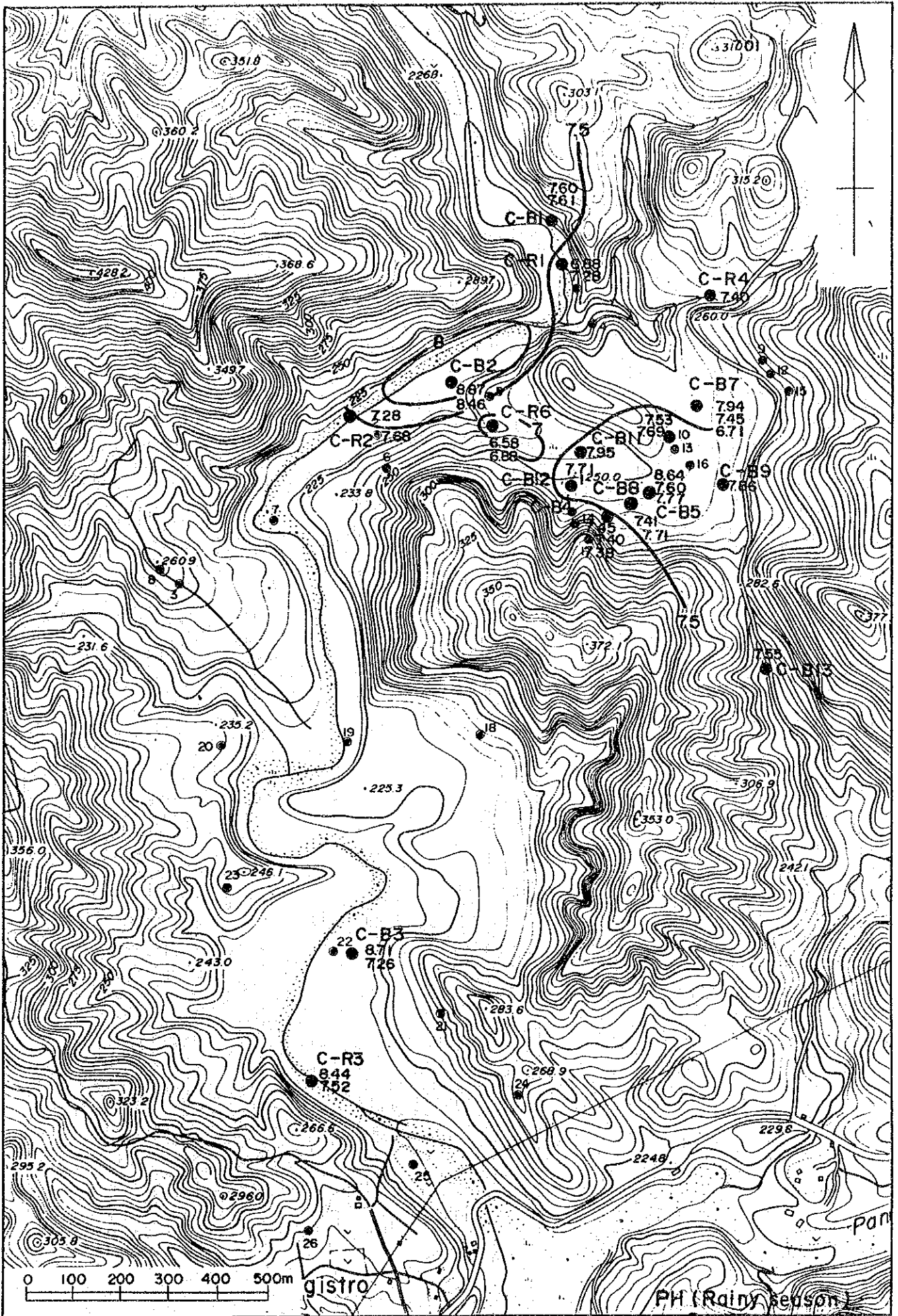


Fig. 5-4-3 Analysis Map of Chemical Data of Water (8)

New El CoCo B-1 (EL. 232.17m)  
 Date 4/25 7/26 8/6 8/20

New EL CoCo B-2 (EL. 224.04m)  
 Date 4/25 7/25 8/5 8/7

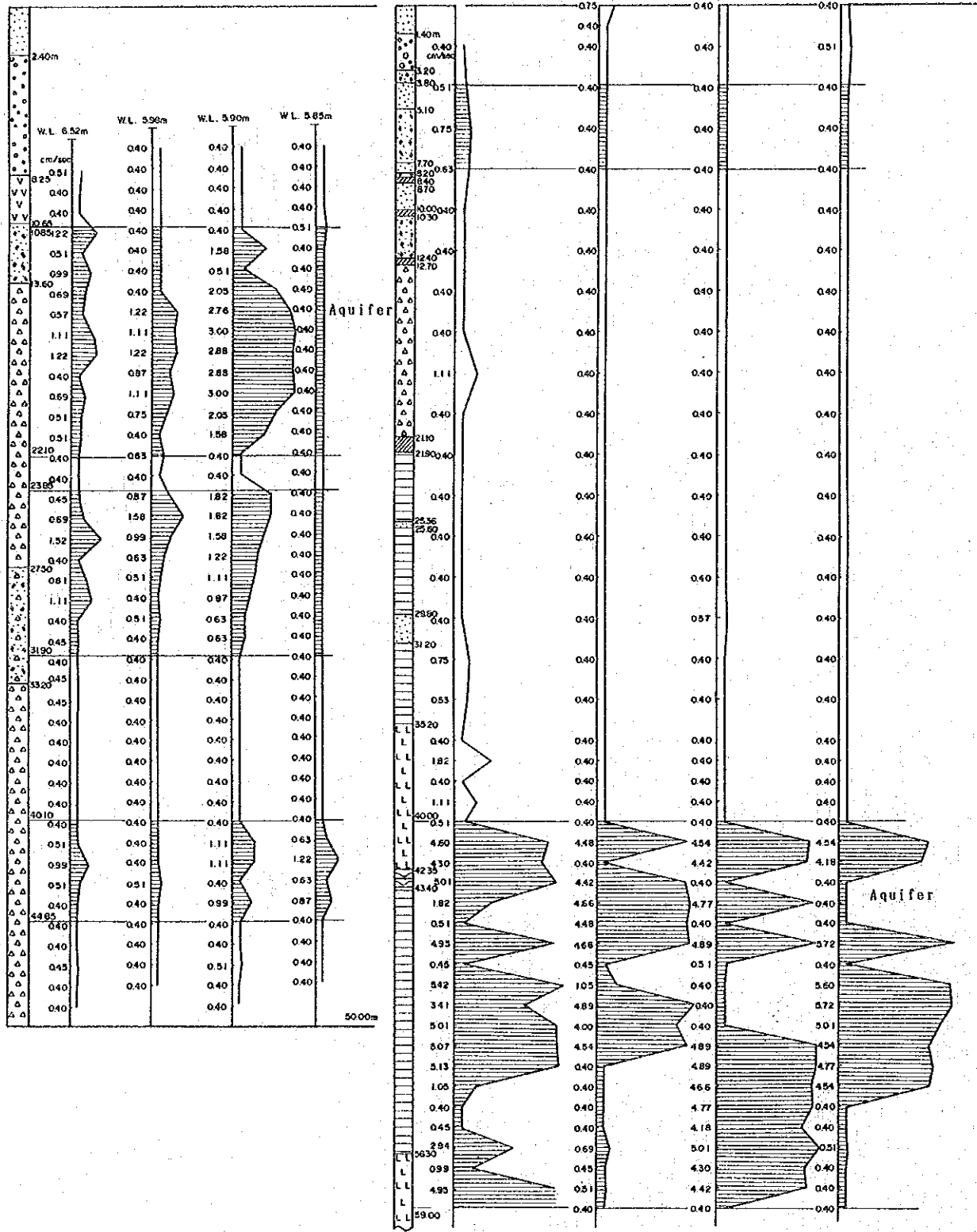
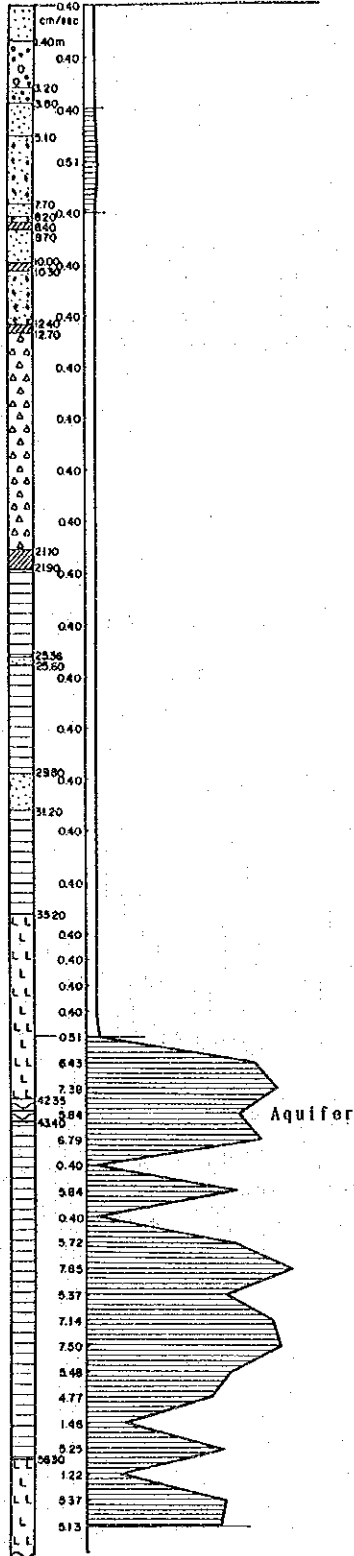


Fig. 5-4-4 Micro Flow Analysis (1)

New El CoCo B-2  
Date 8/20



New El CoCo B-4 (EL. 257.48m)  
Date 4/25 7/24 8/5 8/19

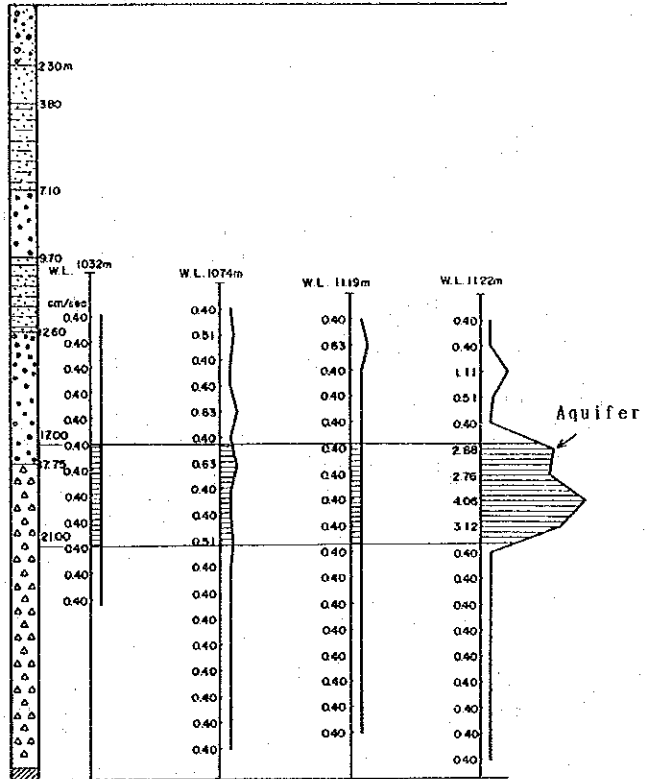
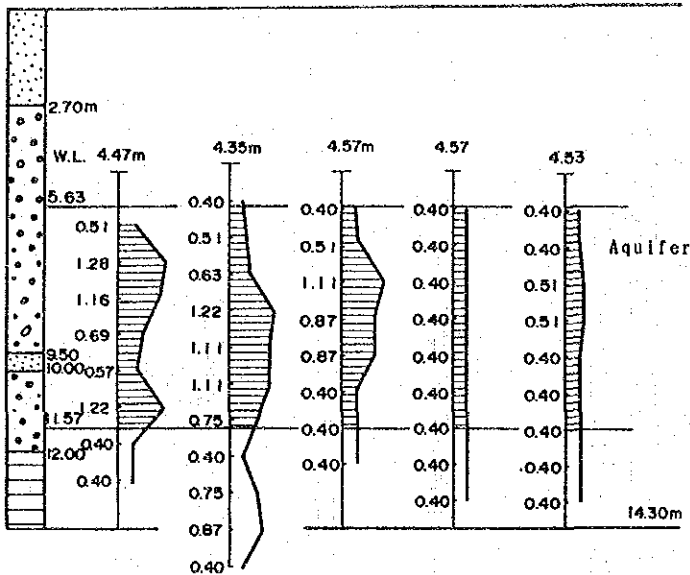


Fig. 5-4-4 Micro Flow Analysis (2)

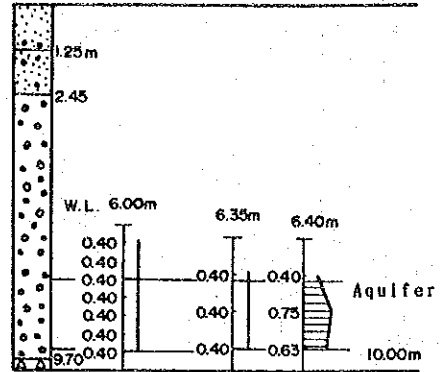
New El CoCo B-5 (EL.249.95m)

Date 4/25 7/24 7/30 8/5 8/19



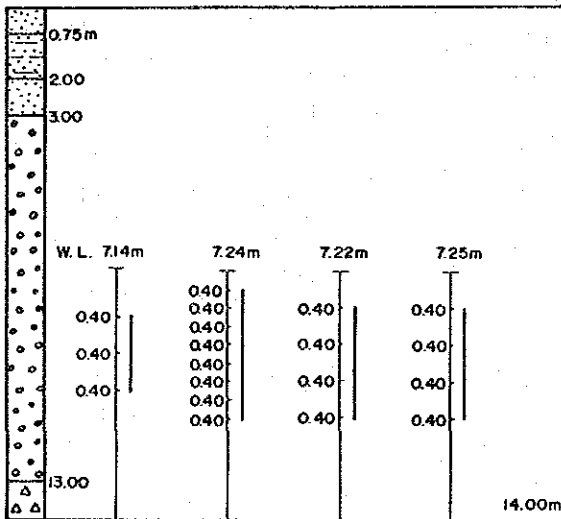
New El CoCo B-6 (EL.253.57m)

Date 7/25 8/6 8/19



New El CoCo B-7 (EL.252.34m)

Date 4/25 7/25 8/6 8/19



New El CoCo B-8 (EL.251.81m)

Date 7/24 8/5 8/19

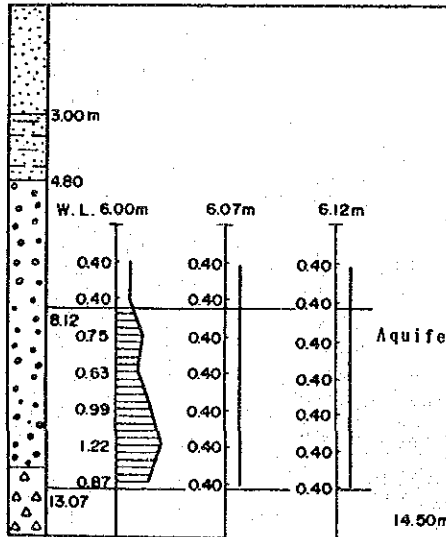
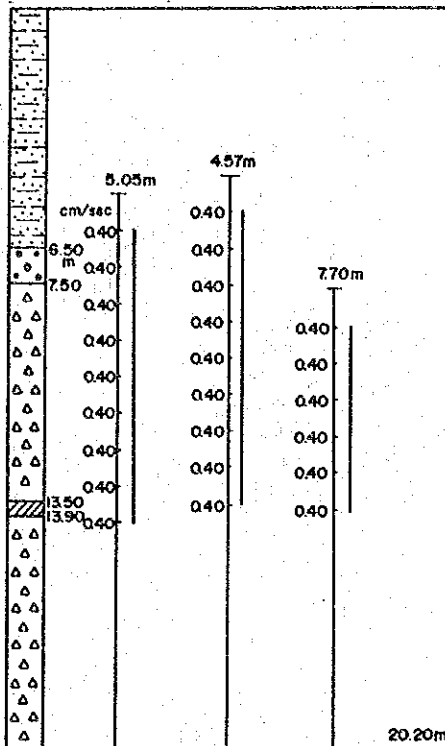


Fig. 5-4-4 Micro Flow Analysis (3)

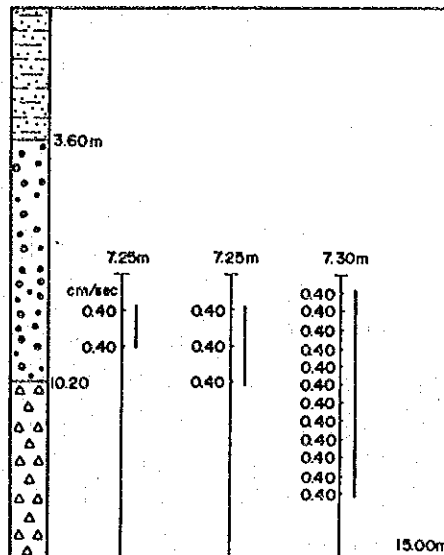
New El CoCo B-9 (EL.254.62m)

Date 8/5 8/6 8/19



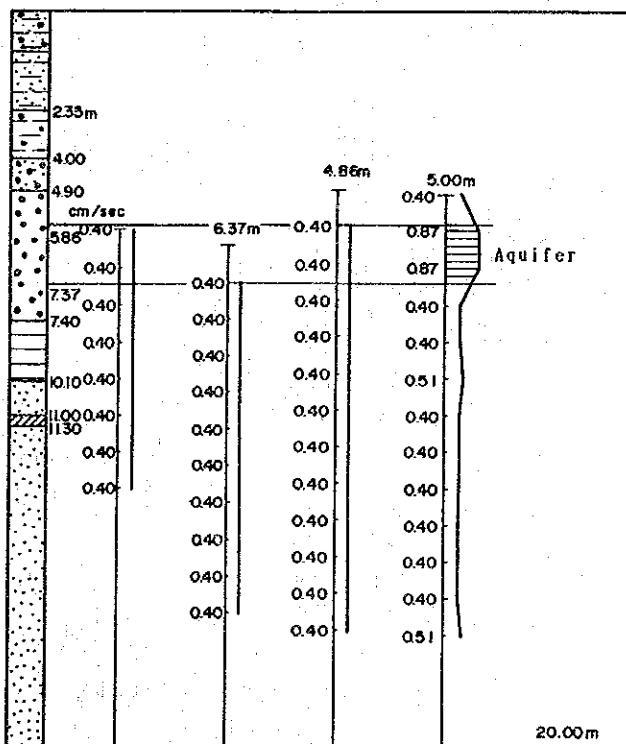
New El CoCo B-10 (EL.252.75m)

Date 8/5 8/6 8/21



New El CoCo B-3 (EL. 208.12m)

Date 4/25 7/25 8/6 8/20



New El CoCo B-13 (EL.239.87m)

Date 8/19

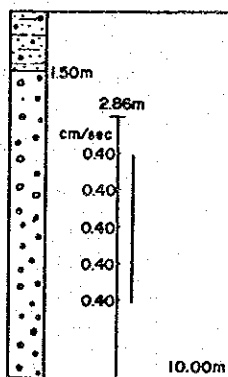


Fig. 5-4-4 Micro Flow Analysis (4)

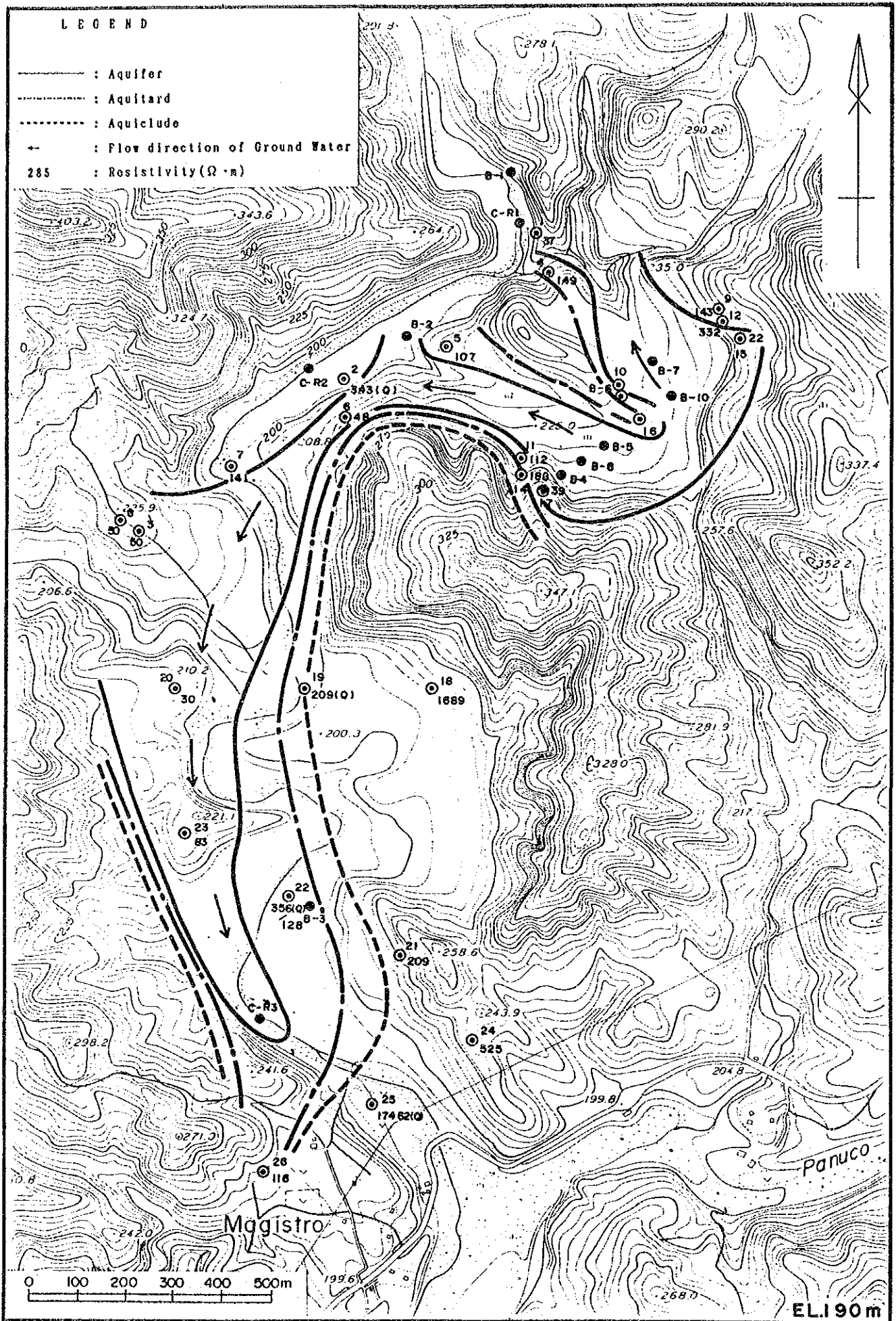


Fig. 5-4-5 Analysis Map of Groundwater Reservoir (New El Coco) (1)

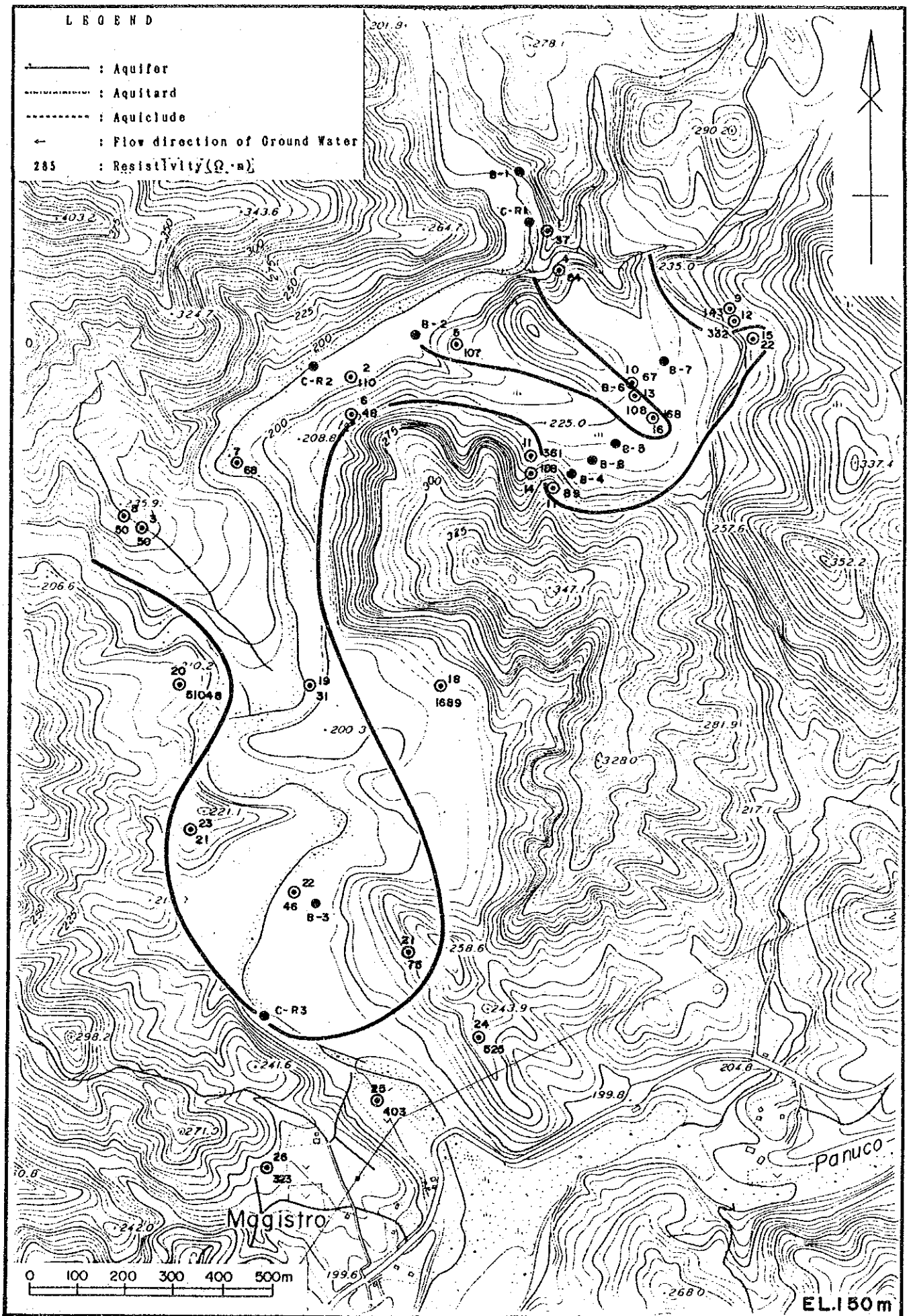


Fig. 5-4-5 Analysis Map of Groundwater Reservoir (New El Coco) (2)



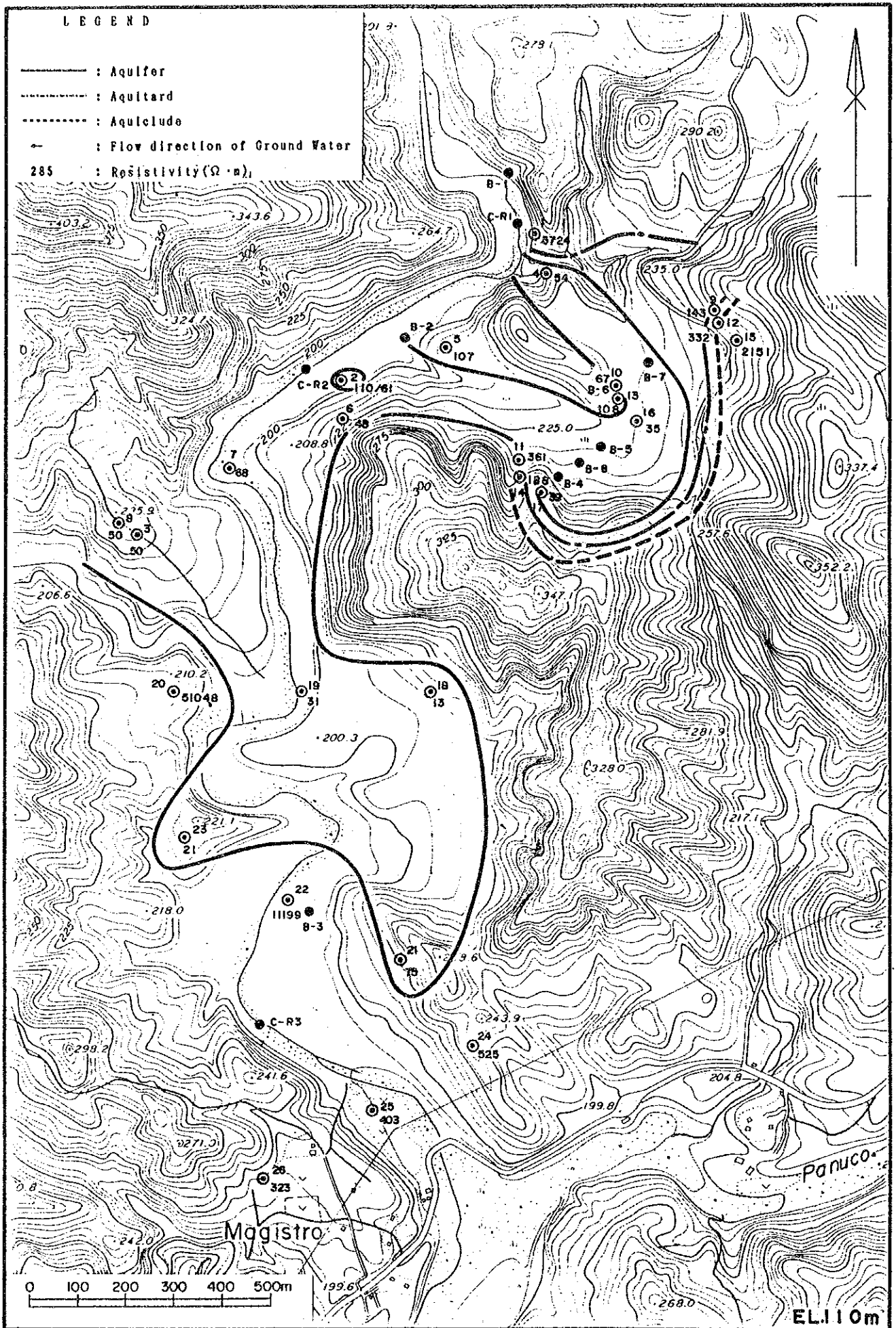


Fig. 5-4-5 Analysis Map of Groundwater Reservoir (New El Coco) (3)

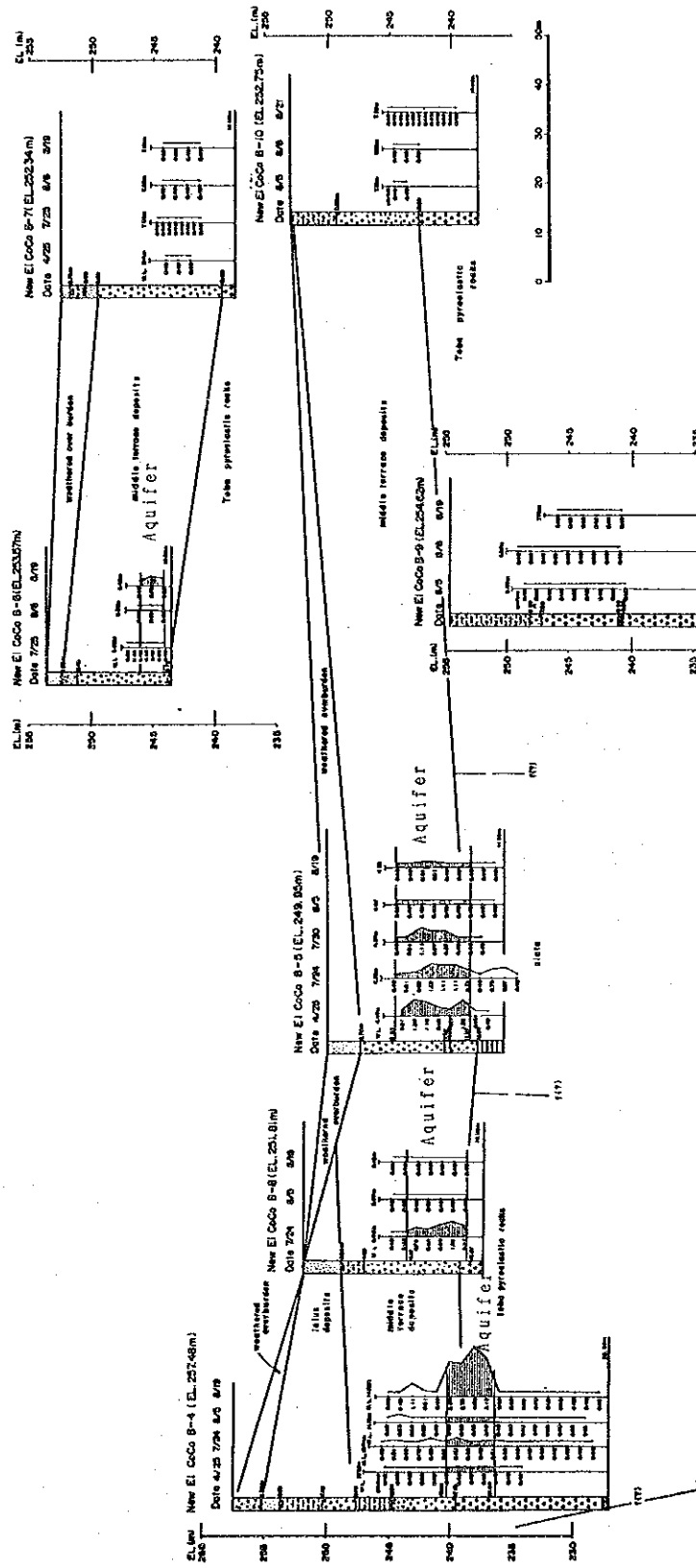


Fig. 5-4-6 Analysis Map of Groundwater Reservoir (Cross Section)

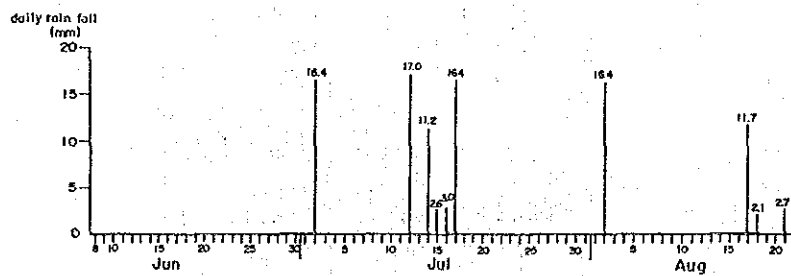
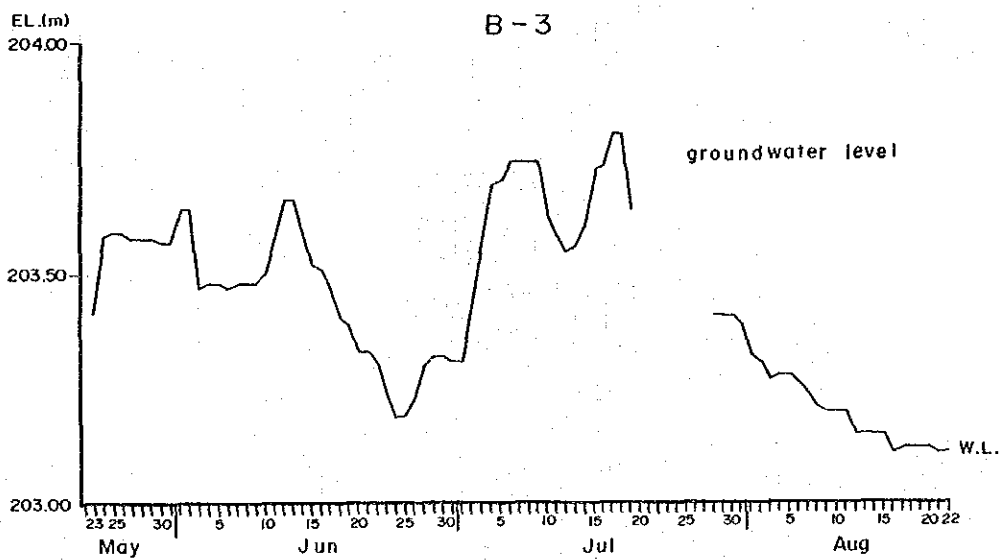
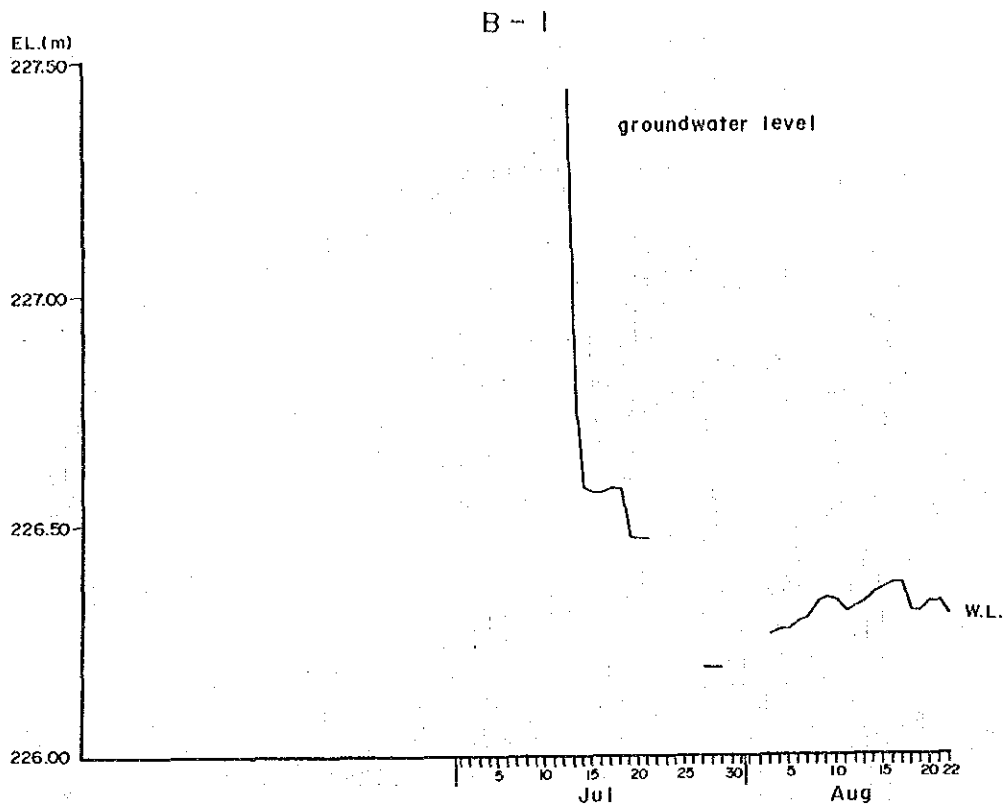


Fig. 5-4-7 Rainfall and Groundwater Level Variation Diagram

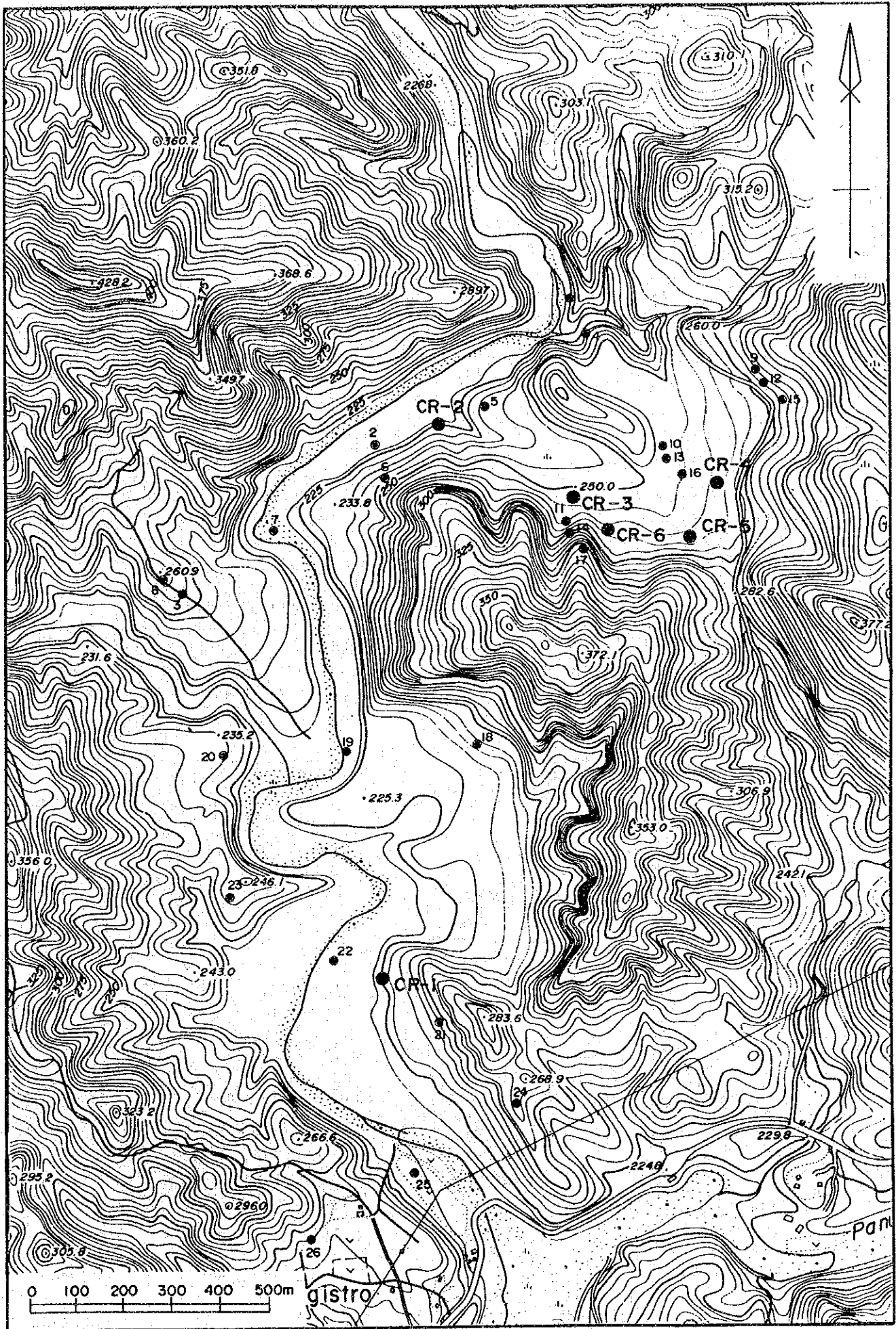


Fig. 5-4-8 Location Map of Permeability Test Sample

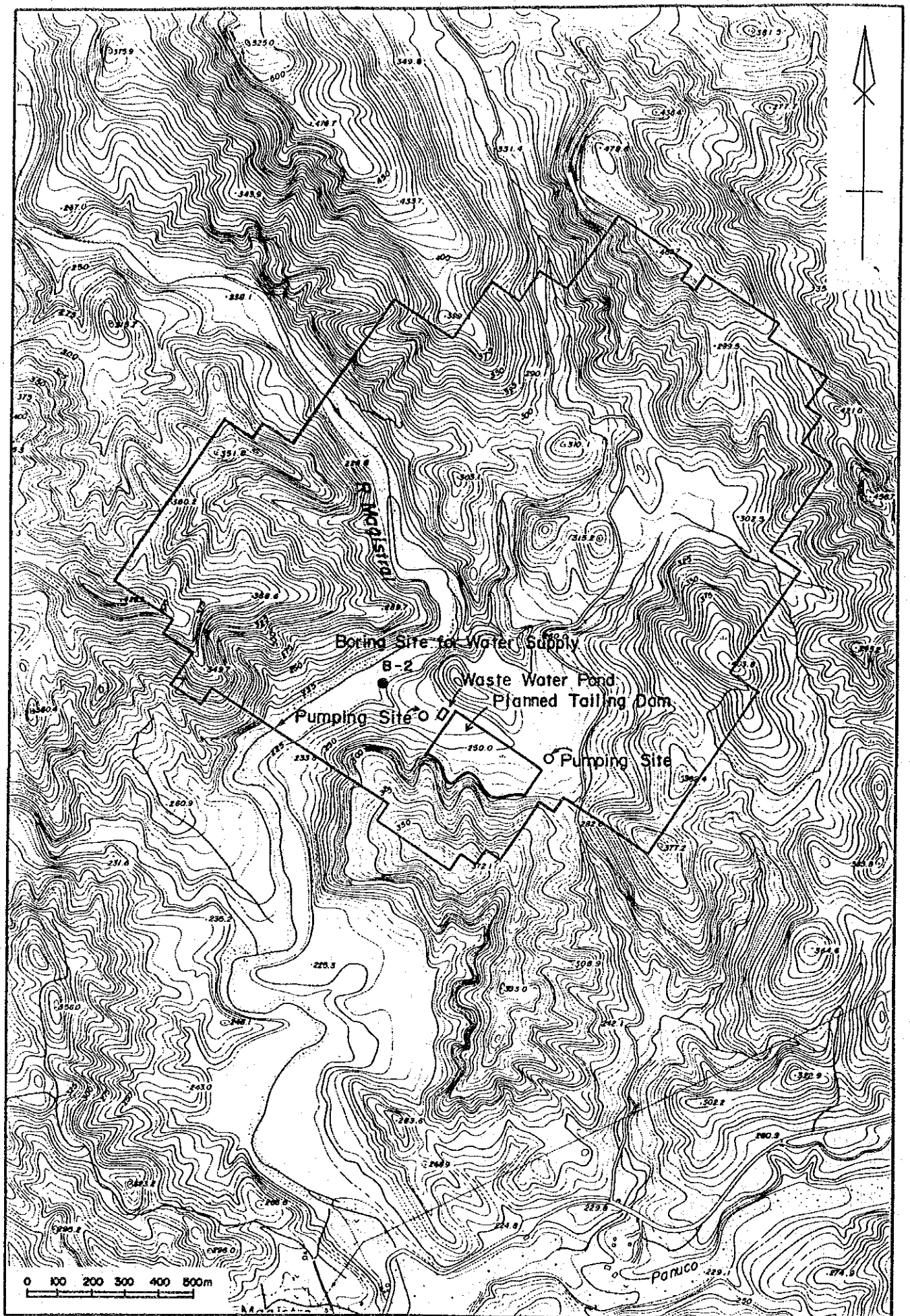
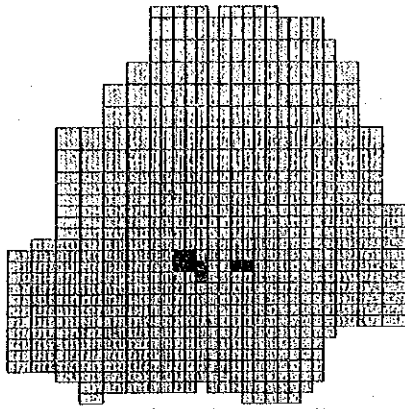


Fig. 5-4-9 Groundwater Simulation Area

X-Y CROSS-SECTIONAL VIEW AT Z=2

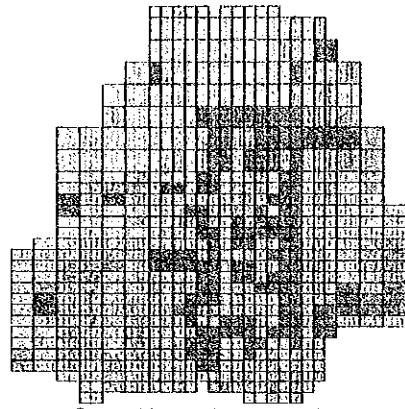
- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7



Rock Classification Map

X-Y CROSS-SECTIONAL VIEW AT Z=3

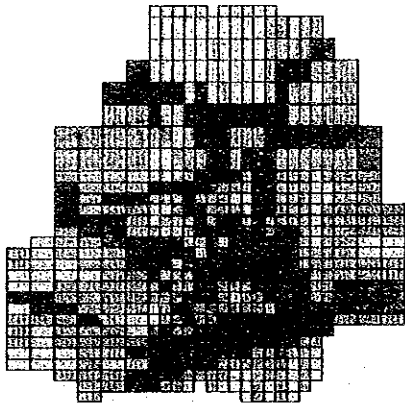
- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7



Rock Classification Map

X-Y CROSS-SECTIONAL VIEW AT Z=4

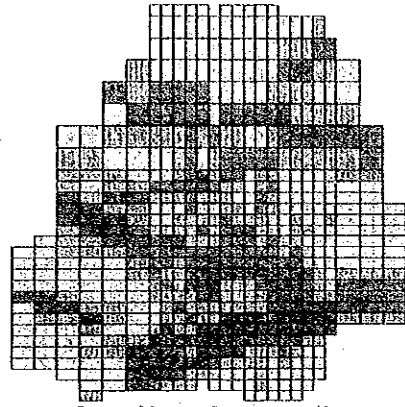
- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7



Rock Classification Map

X-Y CROSS-SECTIONAL VIEW AT Z=5

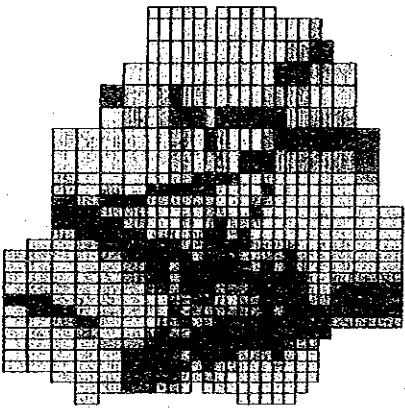
- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7



Rock Classification Map

X-Y CROSS-SECTIONAL VIEW AT Z=6

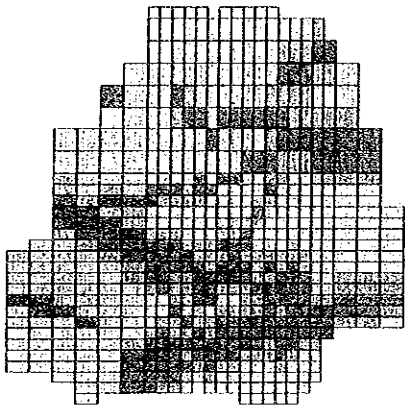
- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7



Rock Classification Map

X-Y CROSS-SECTIONAL VIEW AT Z=7

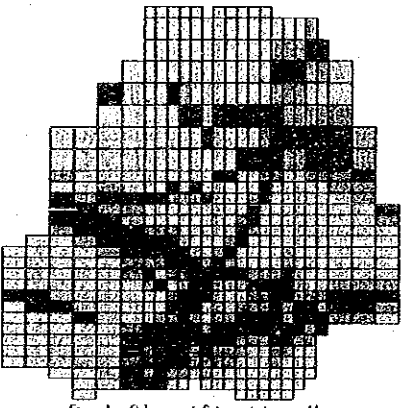
- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7



Rock Classification Map

X-Y CROSS-SECTIONAL VIEW AT Z=8

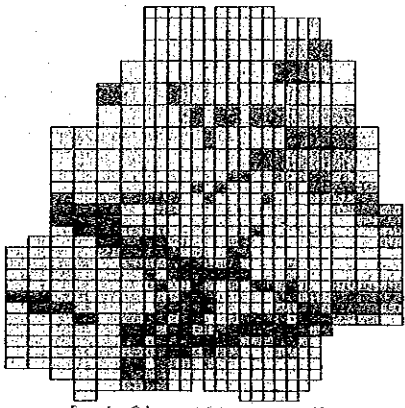
- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7



Rock Classification Map

X-Y CROSS-SECTIONAL VIEW AT Z=9

- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7

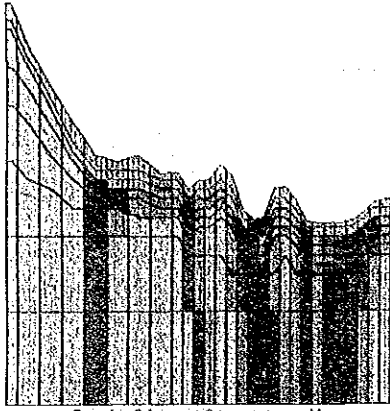


Rock Classification Map

Fig. 5-4-10 Rock Classification Map (1)

Y-Z CROSS-SECTIONAL VIEW AT X=9

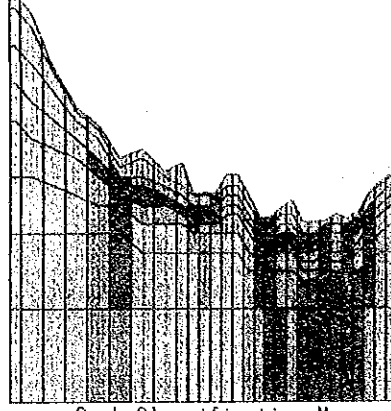
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- 1
- 2
- 3
- 4
- 5
- 6
- 7



Rock Classification Map

Y-Z CROSS-SECTIONAL VIEW AT X=10

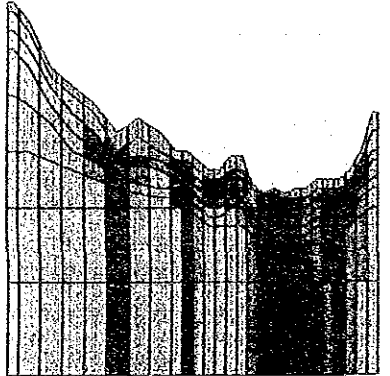
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- 1
- 2
- 3
- 4
- 5
- 6
- 7



Rock Classification Map

Y-Z CROSS-SECTIONAL VIEW AT X=11

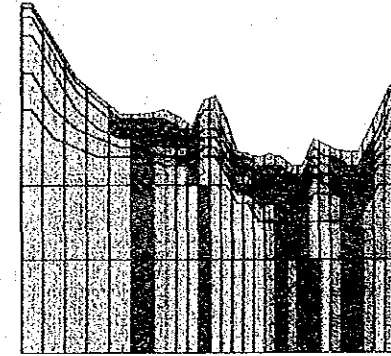
- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7



Rock Classification Map

Y-Z CROSS-SECTIONAL VIEW AT X=12

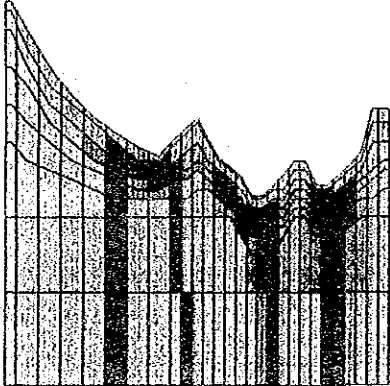
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- 1
- 2
- 3
- 4
- 5
- 6
- 7



Rock Classification Map

Y-Z CROSS-SECTIONAL VIEW AT X=13

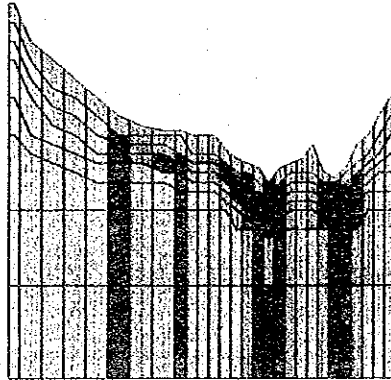
- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7



Rock Classification Map

Y-Z CROSS-SECTIONAL VIEW AT X=14

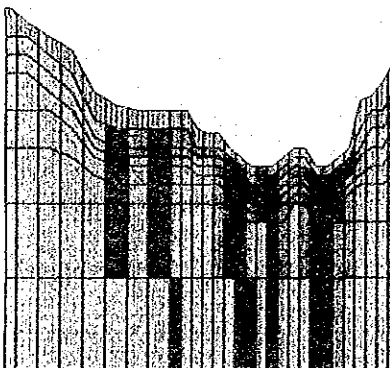
- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7



Rock Classification Map

Y-Z CROSS-SECTIONAL VIEW AT X=15

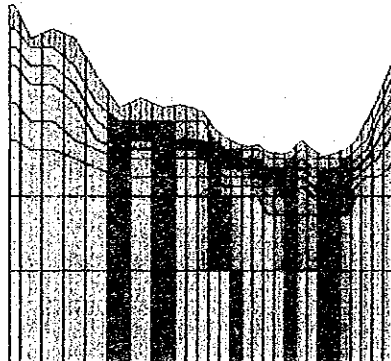
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- 1
- 2
- 3
- 4
- 5
- 6
- 7



Rock Classification Map

Y-Z CROSS-SECTIONAL VIEW AT X=16

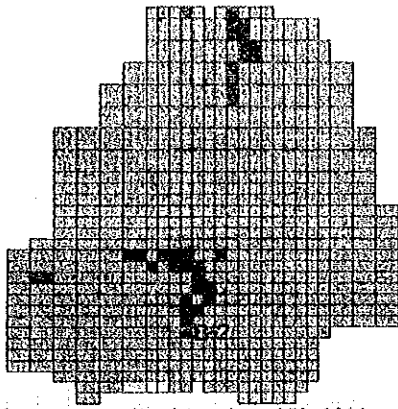
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- 1
- 2
- 3
- 4
- 5
- 6
- 7



Rock Classification Map

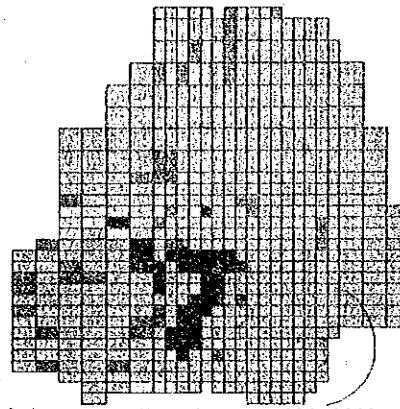
Fig. 5-4-10 Rock Classification Map (2)

X-Y CROSS-SECTIONAL VIEW AT Z=2



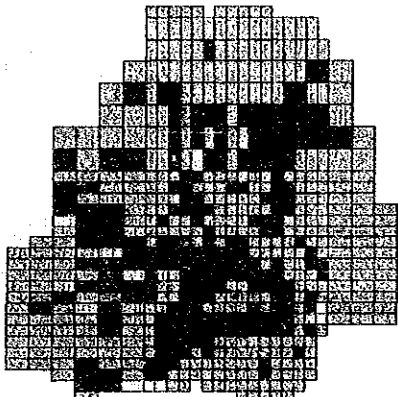
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X-Y CROSS-SECTIONAL VIEW AT Z=2



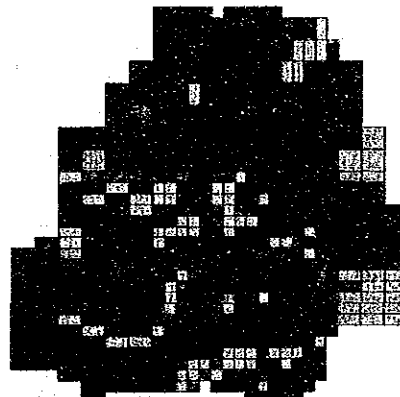
Saturation Map(days) = 150.0000

X-Y CROSS-SECTIONAL VIEW AT Z=4



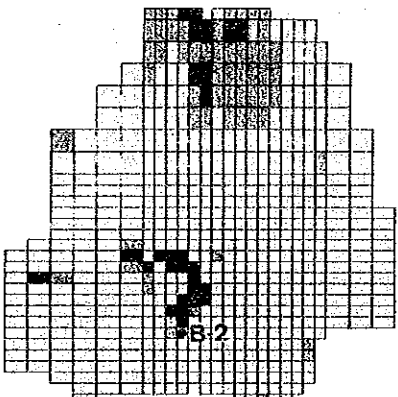
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X-Y CROSS-SECTIONAL VIEW AT Z=5



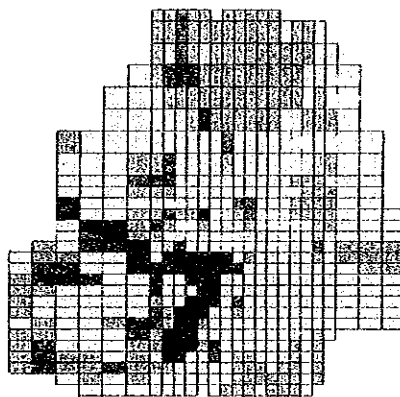
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X-Y CROSS-SECTIONAL VIEW AT Z=2



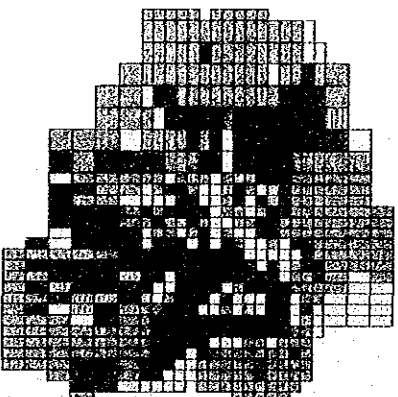
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X-Y CROSS-SECTIONAL VIEW AT Z=3



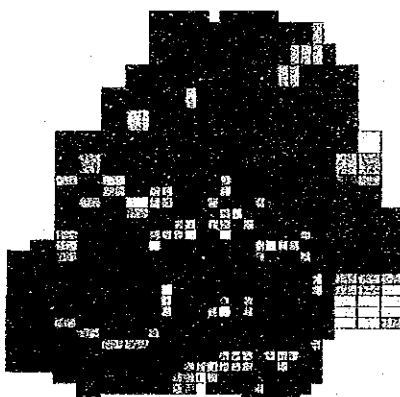
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X-Y CROSS-SECTIONAL VIEW AT Z=4



Saturation Map(days) = 360.0000

X-Y CROSS-SECTIONAL VIEW AT Z=5



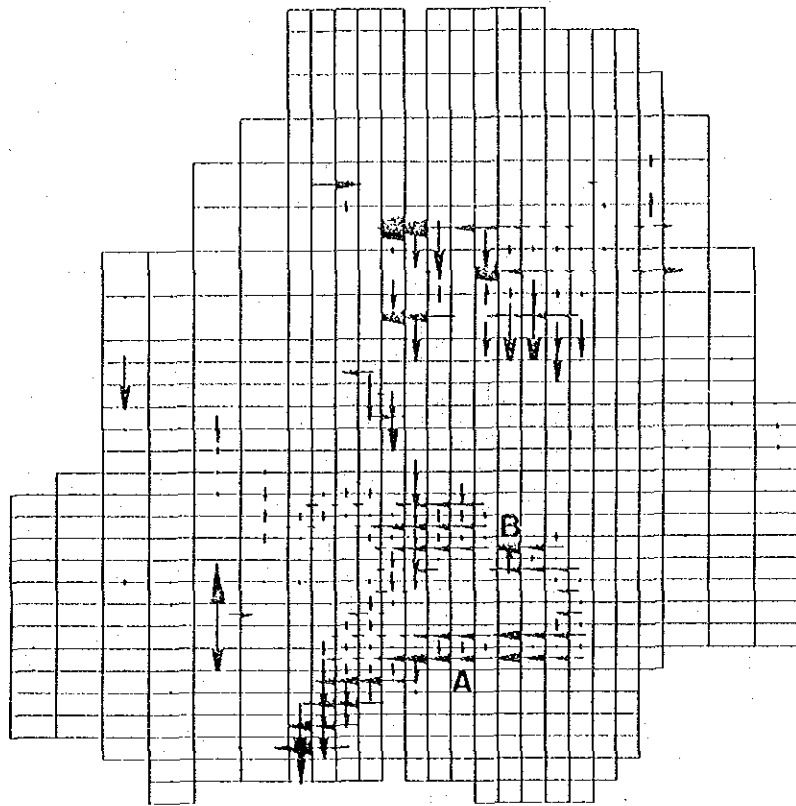
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Fig. 5-4-11 Groundwater Saturation Map



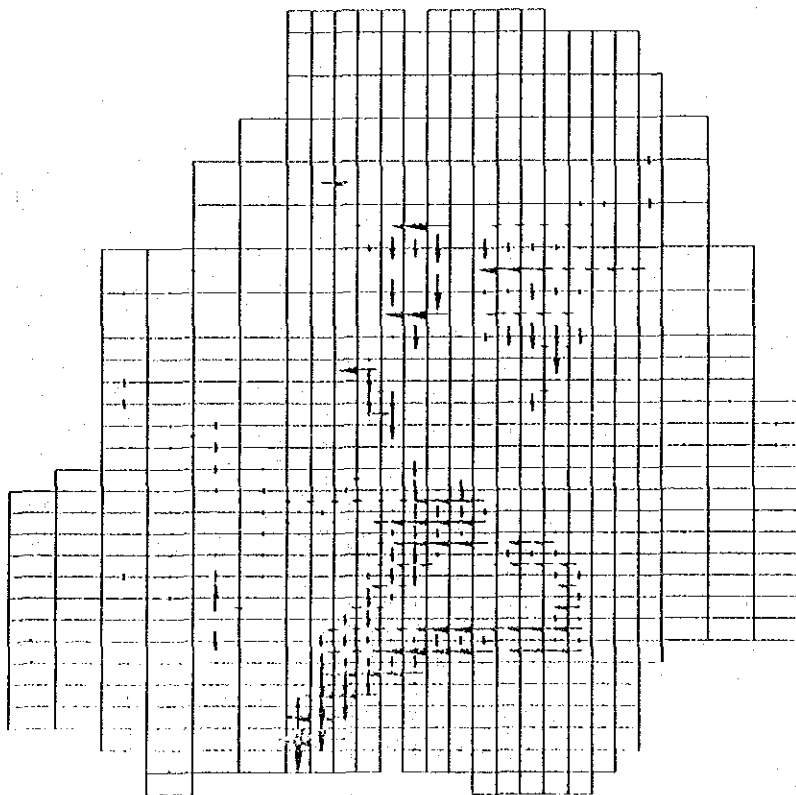


X-Y CROSS-SECTIONAL VIEW AT Z=4



Velocity MAP(days) =150.0000

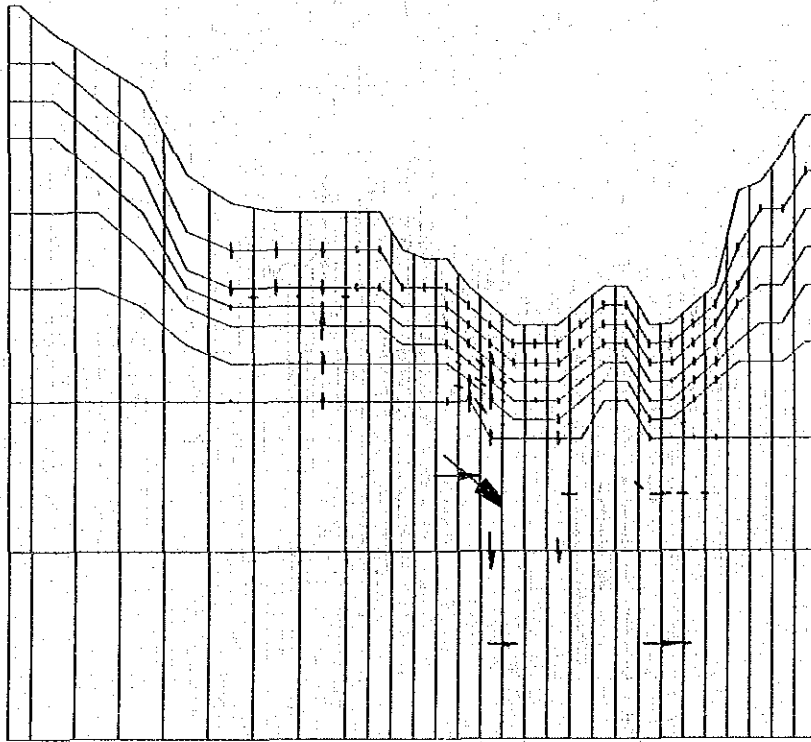
X-Y CROSS-SECTIONAL VIEW AT Z=4



Velocity MAP(days) =360.0000

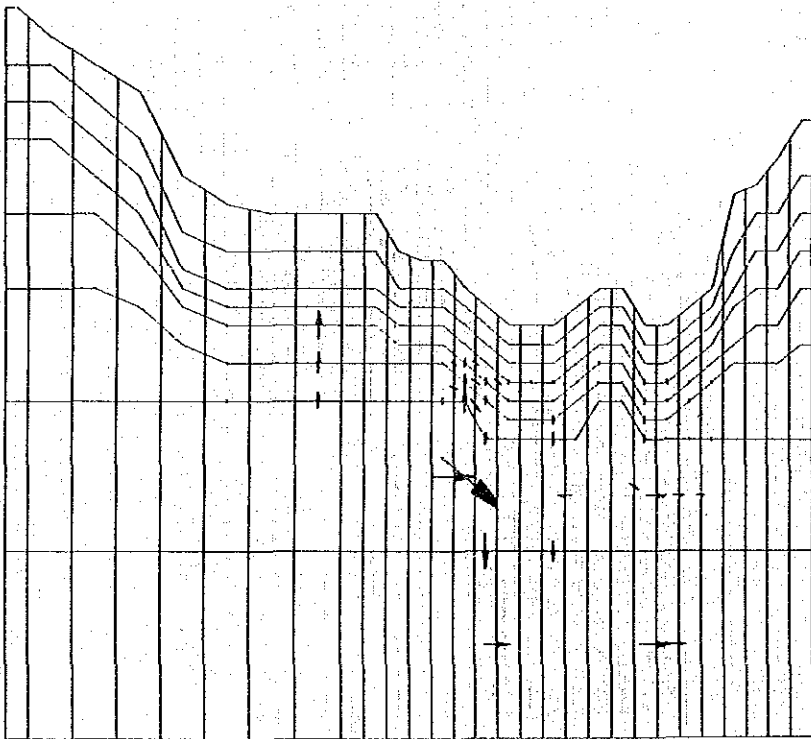
Fig. 5-4-12 Groundwater Velocity Map (1)

Y-Z CROSS-SECTIONAL VIEW AT X=15



Velocity MAP(days) =150.0000

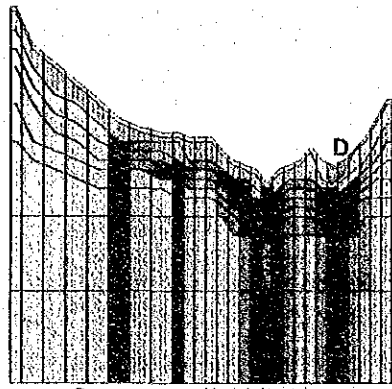
Y-Z CROSS-SECTIONAL VIEW AT X=15



Velocity MAP(days) =360.0000

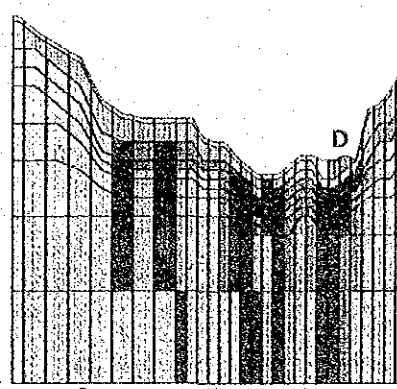
Fig. 5-4-12 Groundwater Velocity Map (2)

Y-Z CROSS-SECTIONAL VIEW AT X=14



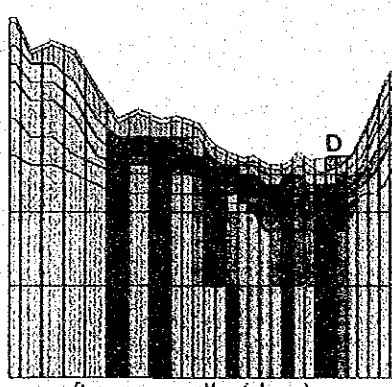
Pressre Map(days) =

Y-Z CROSS-SECTIONAL VIEW AT X=15



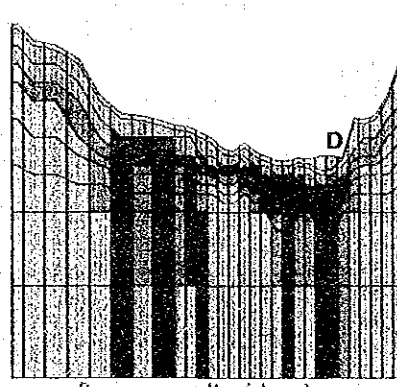
Pressre Map(days) =

Y-Z CROSS-SECTIONAL VIEW AT X=16



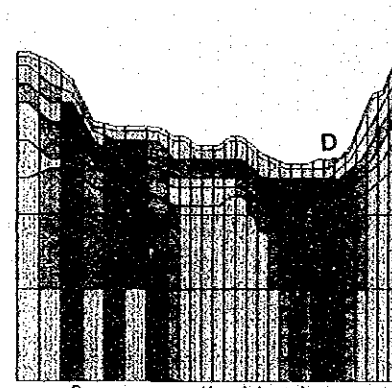
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Y-Z CROSS-SECTIONAL VIEW AT X=17



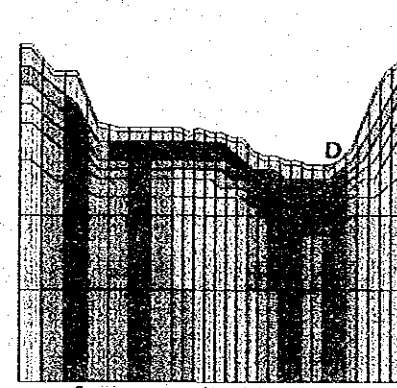
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Y-Z CROSS-SECTIONAL VIEW AT X=18



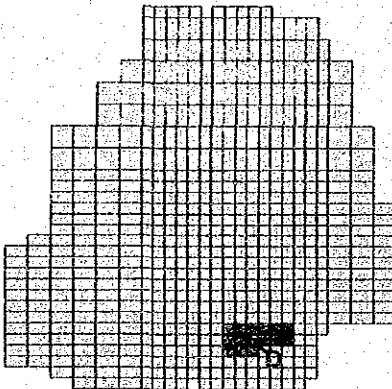
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Y-Z CROSS-SECTIONAL VIEW AT X=19



Pressre Map(days) =

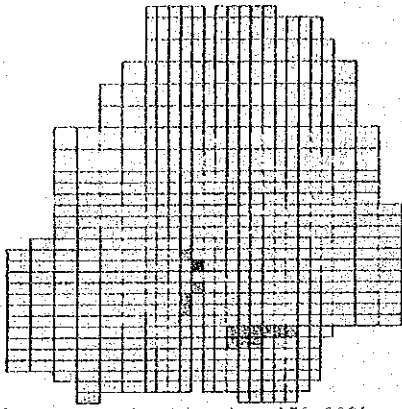
X-Y CROSS-SECTIONAL VIEW AT Z=2



Pressre Map(days) =

Fig. 5-4-19 Rock Classification Map (after Setting up a Tailing Dam)

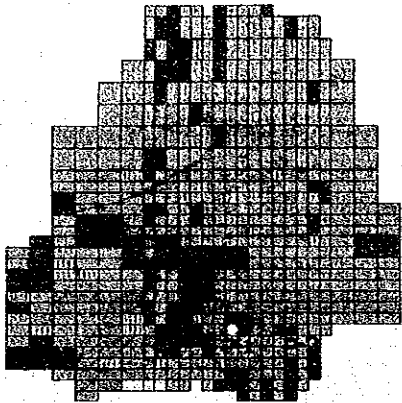
X-Y CROSS-SECTIONAL VIEW AT Z=2



- << 1
- << 2
- << 3
- << 4
- << 5
- << 6
- << 7
- << 8
- << 9
- << 1

Saturation Map(days) = 150.0000

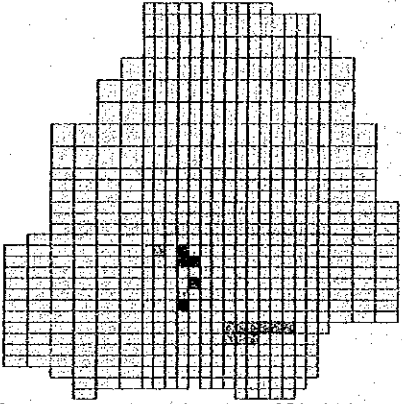
X-Y CROSS-SECTIONAL VIEW AT Z=4



- << 1
- << 2
- << 3
- << 4
- << 5
- << 6
- << 7
- << 8
- << 9
- << 1

Saturation Map(days) = 150.0000

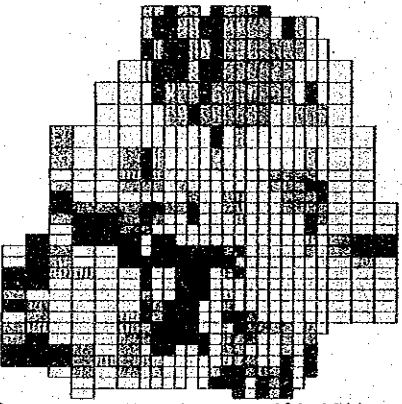
X-Y CROSS-SECTIONAL VIEW AT Z=2



- << 1
- << 2
- << 3
- << 4
- << 5
- << 6
- << 7
- << 8
- << 9
- << 1

Saturation Map(days) = 360.0000

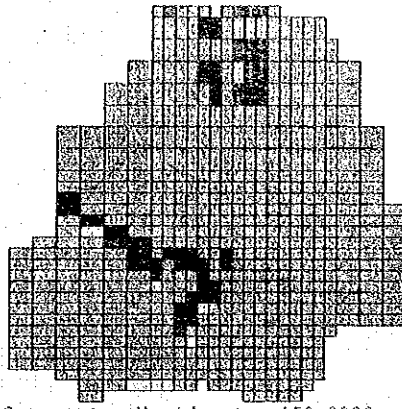
X-Y CROSS-SECTIONAL VIEW AT Z=4



- << 1
- << 2
- << 3
- << 4
- << 5
- << 6
- << 7
- << 8
- << 9
- << 1

Saturation Map(days) = 360.0000

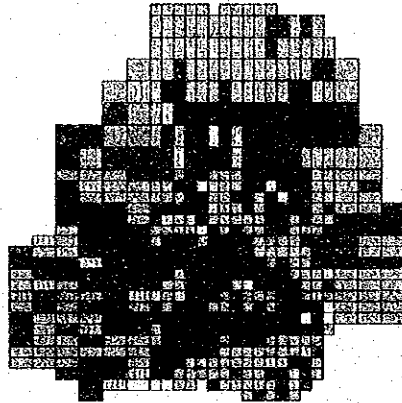
X-Y CROSS-SECTIONAL VIEW AT Z=3



- << 1
- << 2
- << 3
- << 4
- << 5
- << 6
- << 7
- << 8
- << 9
- << 1

Saturation Map(days) = 150.0000

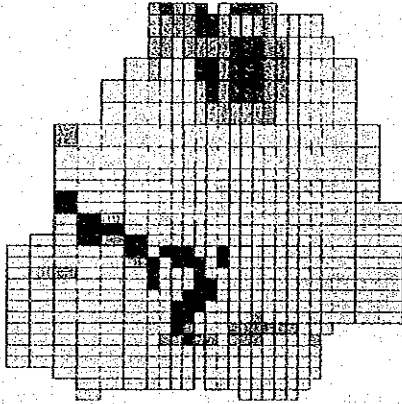
X-Y CROSS-SECTIONAL VIEW AT Z=5



- << 1
- << 2
- << 3
- << 4
- << 5
- << 6
- << 7
- << 8
- << 9
- << 1

Saturation Map(days) = 150.0000

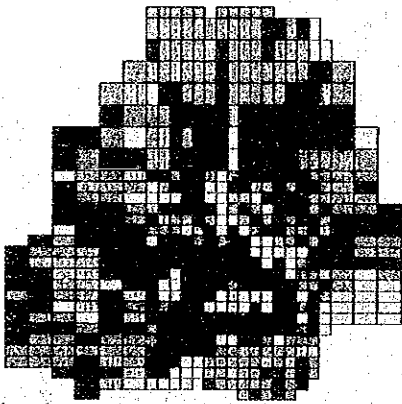
X-Y CROSS-SECTIONAL VIEW AT Z=3



- << 1
- << 2
- << 3
- << 4
- << 5
- << 6
- << 7
- << 8
- << 9
- << 1

Saturation Map(days) = 360.0000

X-Y CROSS-SECTIONAL VIEW AT Z=5

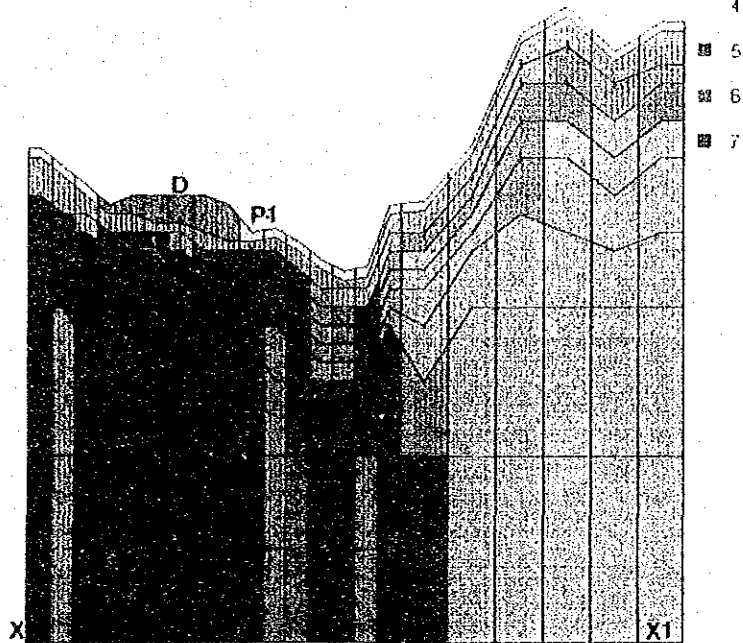


- << 1
- << 2
- << 3
- << 4
- << 5
- << 6
- << 7
- << 8
- << 9
- << 1

Saturation Map(days) = 360.0000

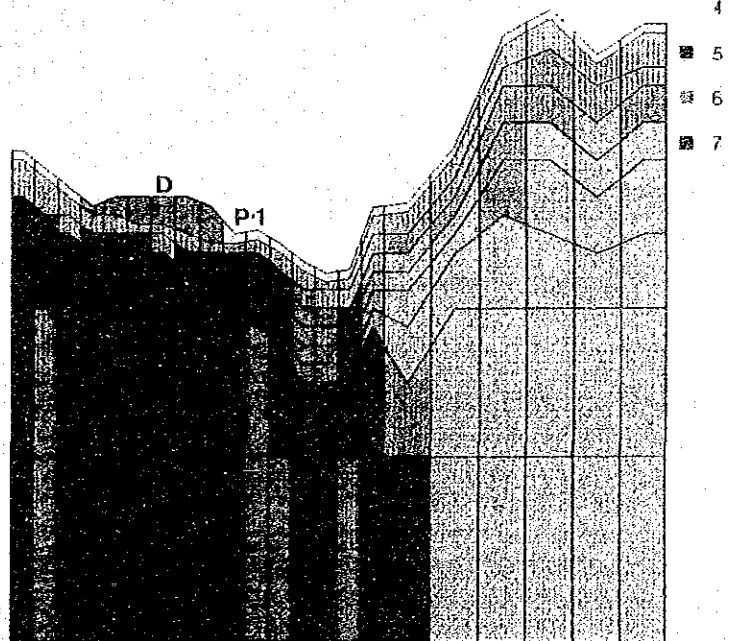
Fig. 5-4-14 Groundwater Saturation Map (after Setting up a Tailing Dam)

Z-X CROSS-SECTIONAL VIEW AT Y=7



Rock and V MAP(days) =150.0000

Z-X CROSS-SECTIONAL VIEW AT Y=7



Rock and V MAP(days) =360.0000

Fig. 5-4-15 Groundwater Velocity Map (after Setting up a Tailing Dam)

