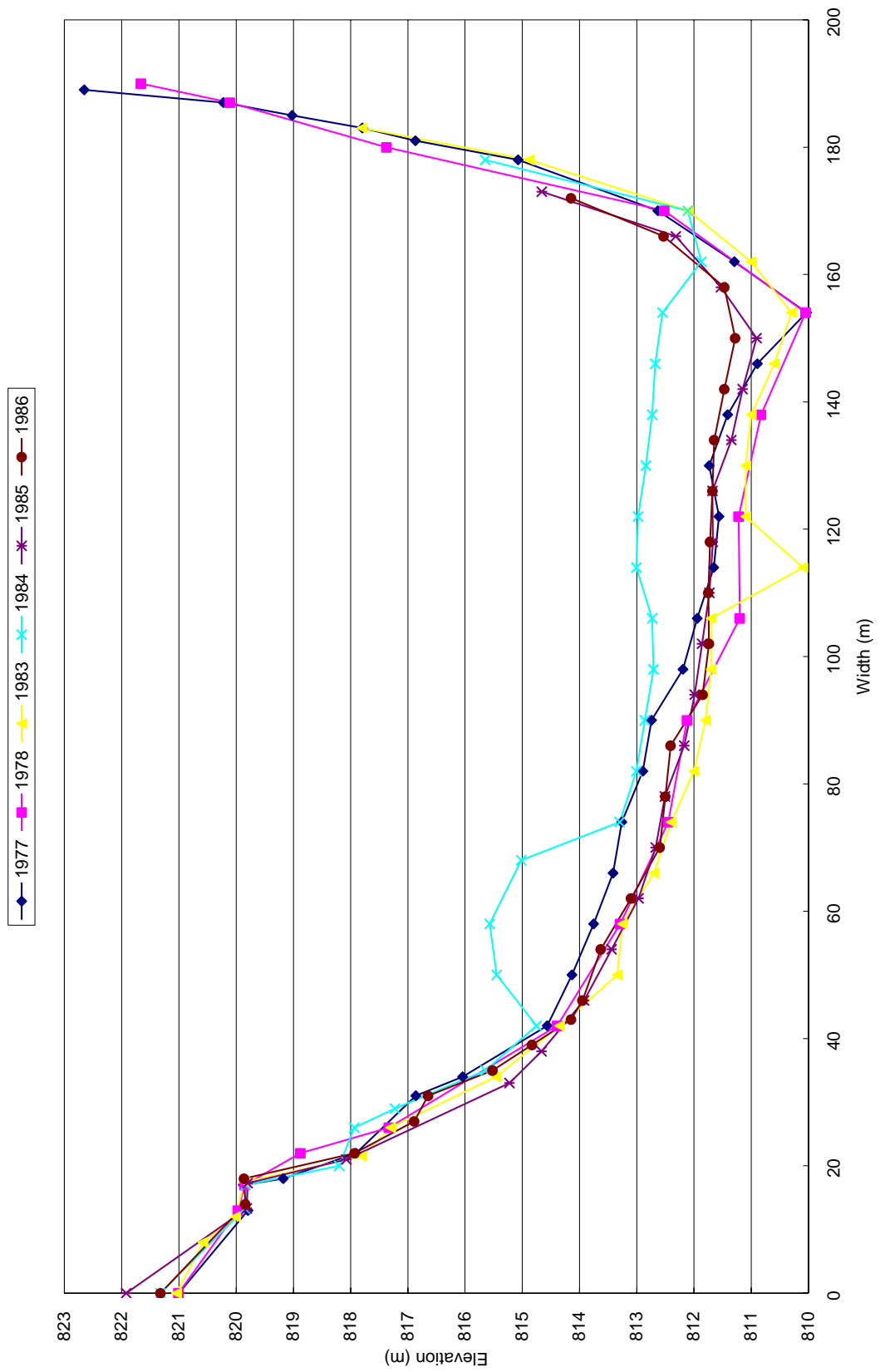


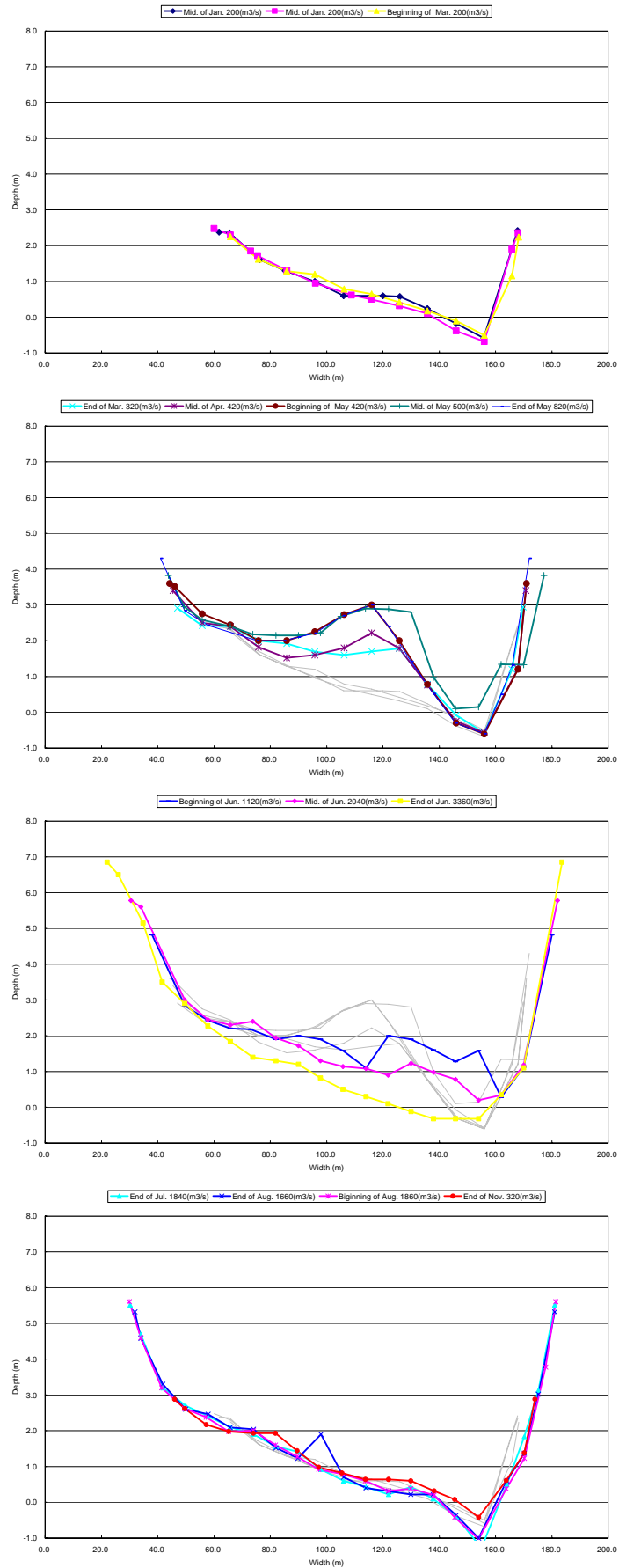
Cross Sections of Khirmanjo Observatory



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Fig. 2.2.1 Secular Variation of Cross Section at Khirmanjo Station

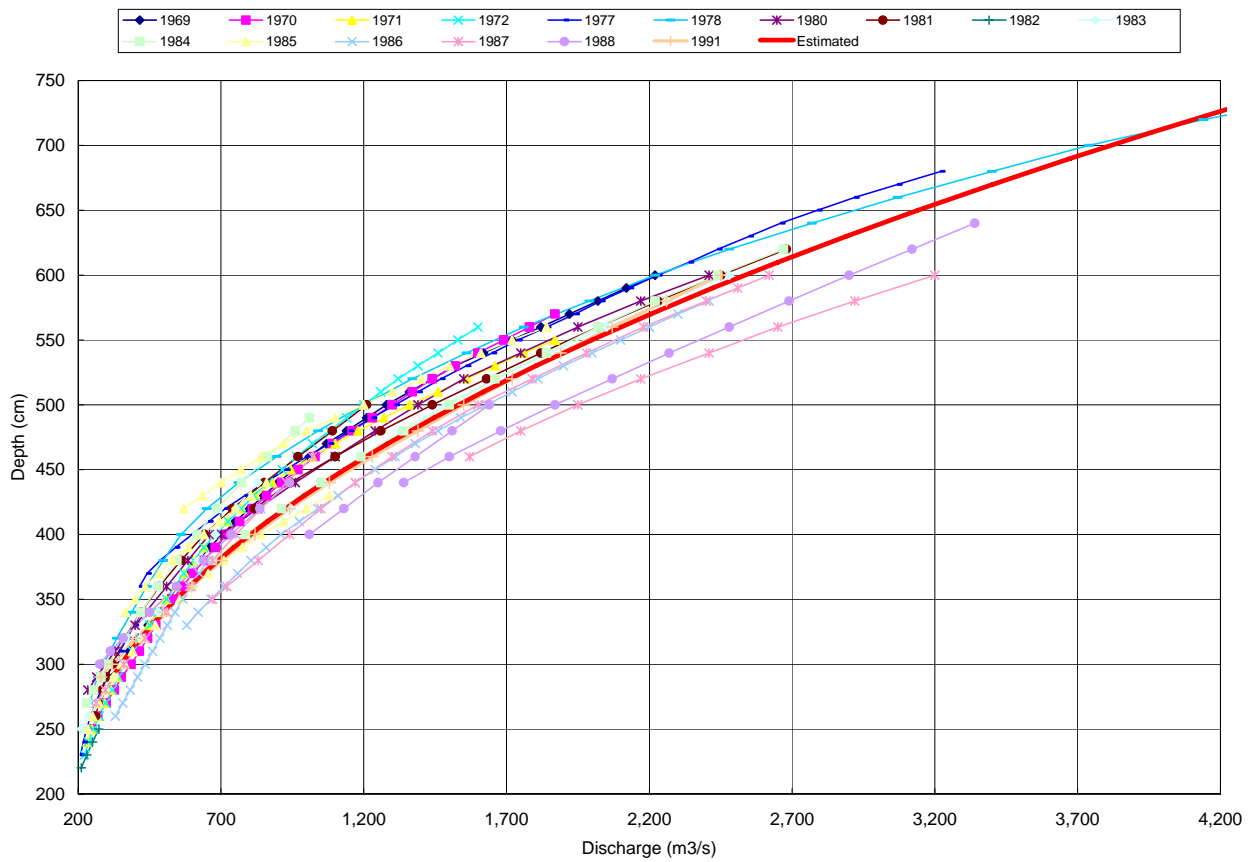
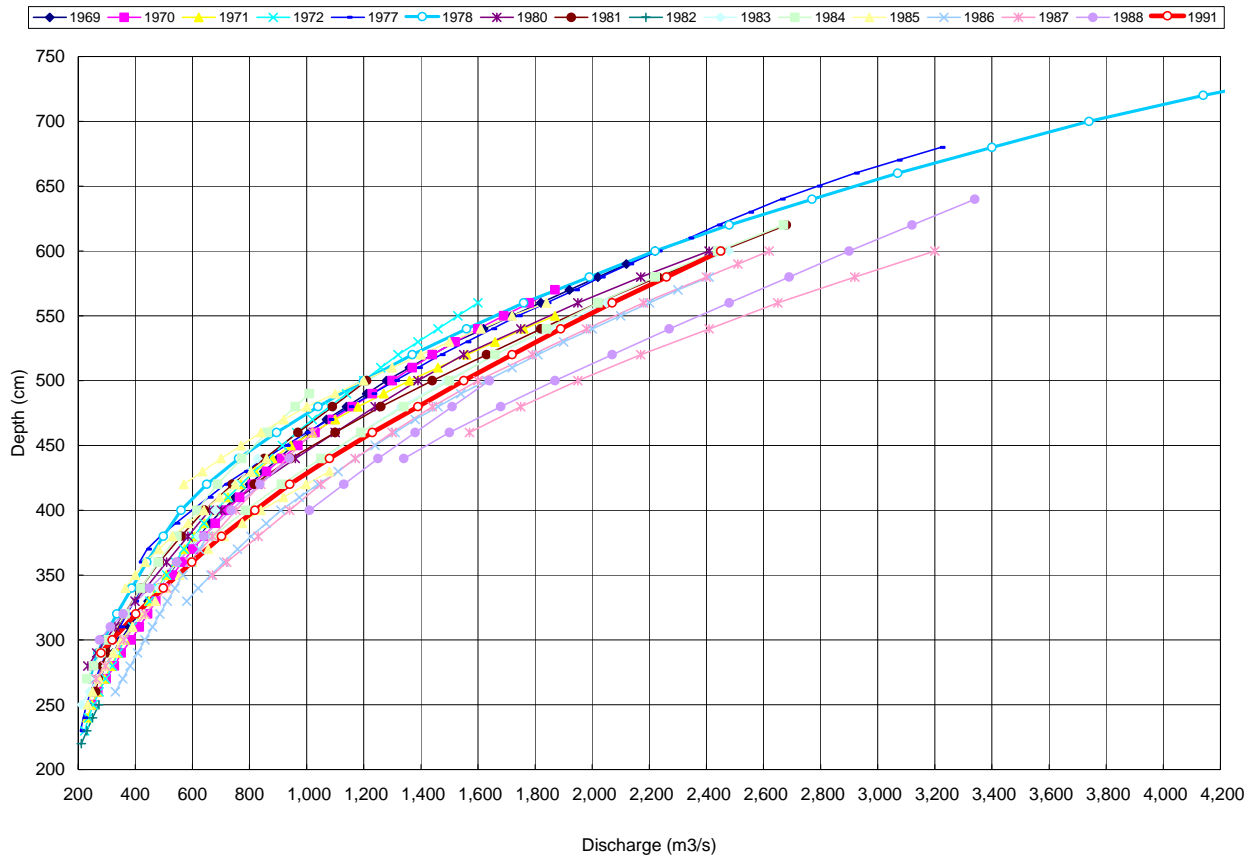


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Fig. 2.2.2

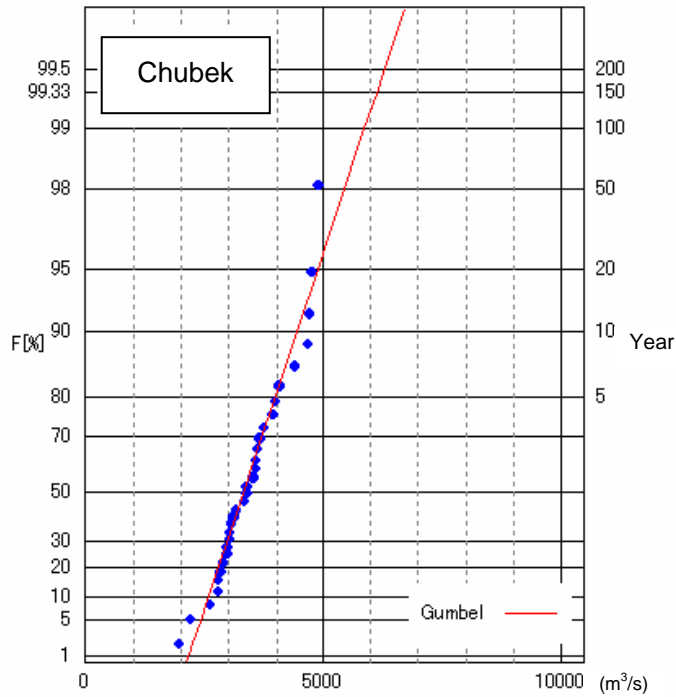
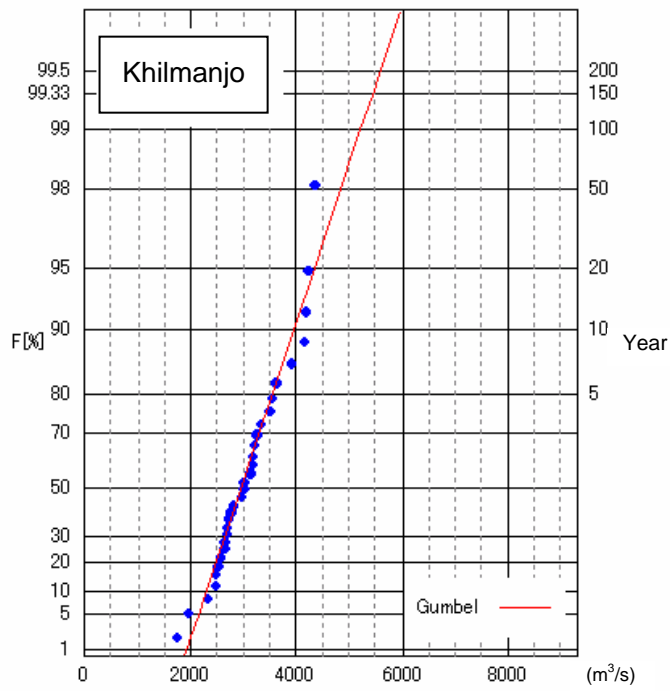
Variation of Cross Section at Khirmanjo Station
within one year of 1977

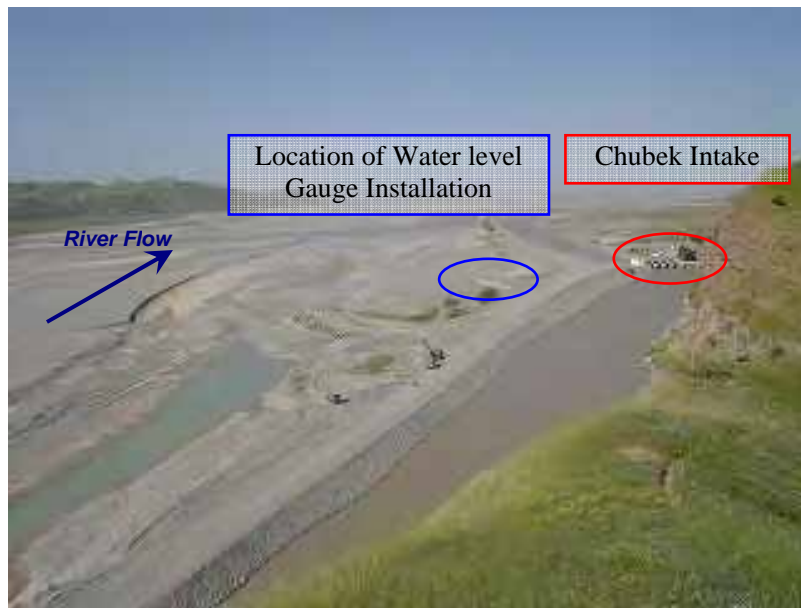


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Fig. 2.2.3 Upper Superposing of Rating Curve (1969-1991)
Lower Estimated Rating Curve (red line)



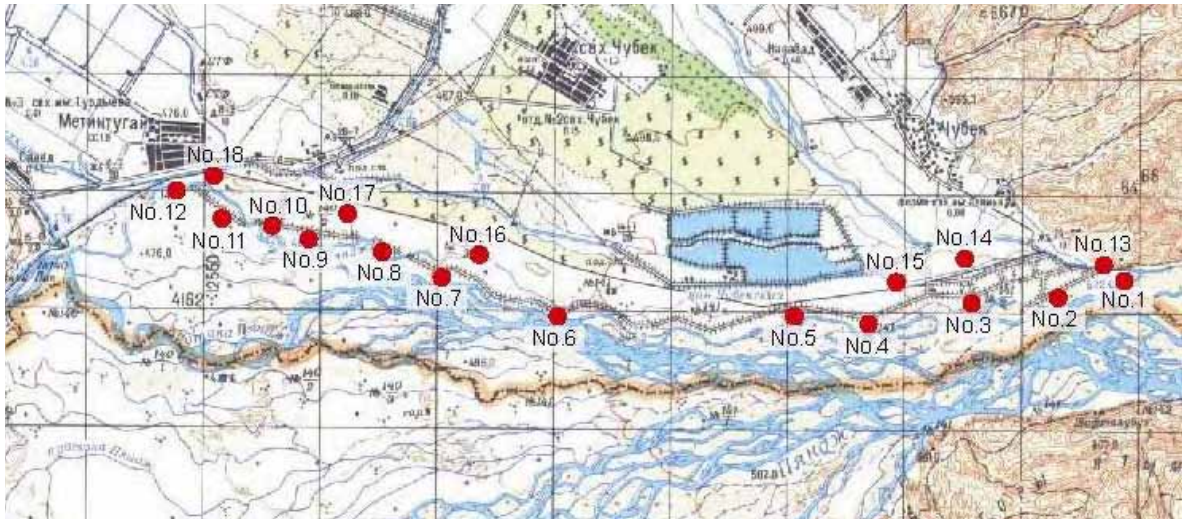


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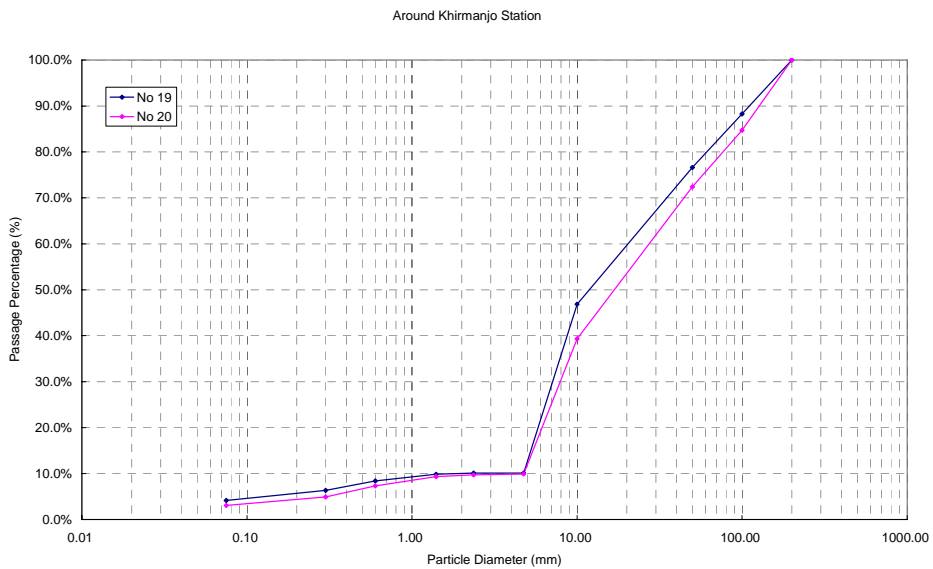
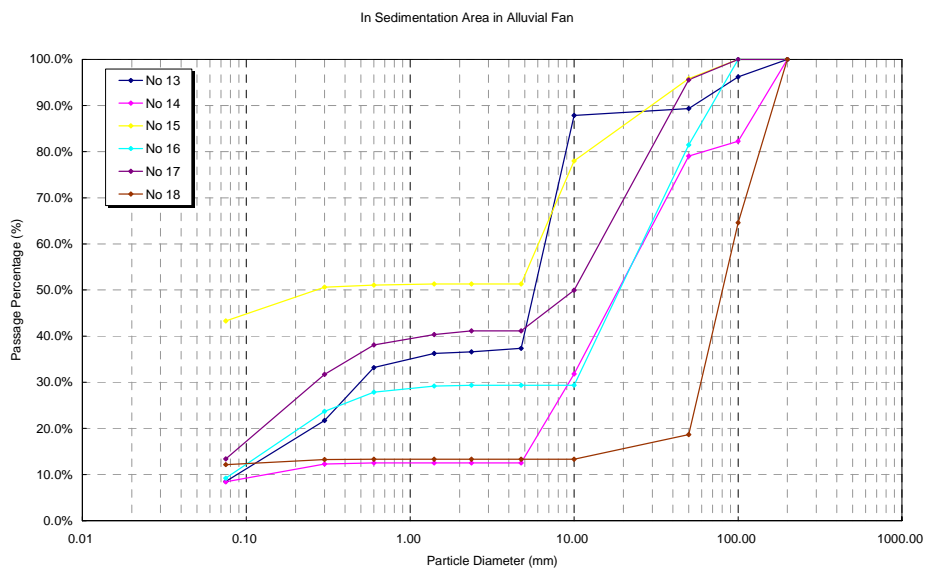
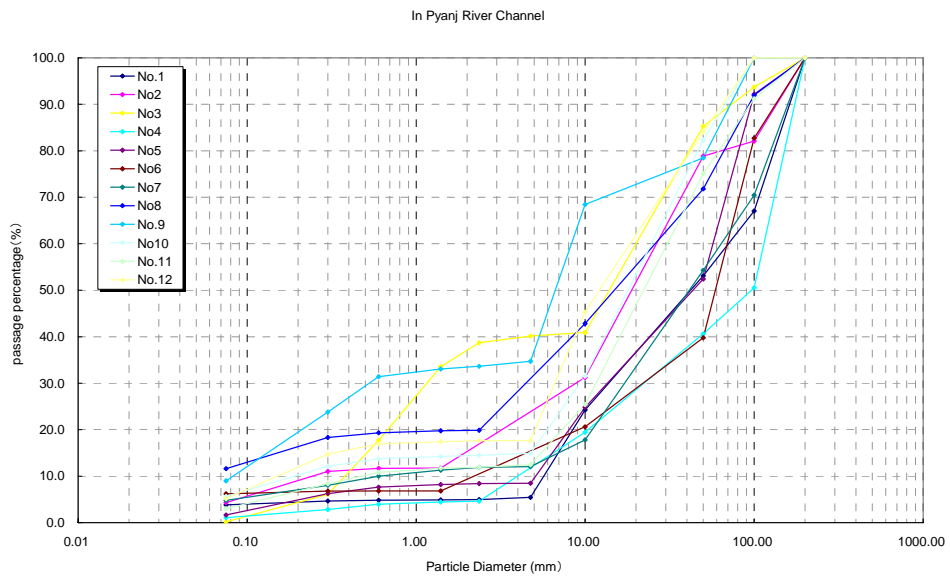
Fig. 2.2.5 Water Level Gauge Installed in Chubek

Hamaddoni Area



Khirmanjo Area

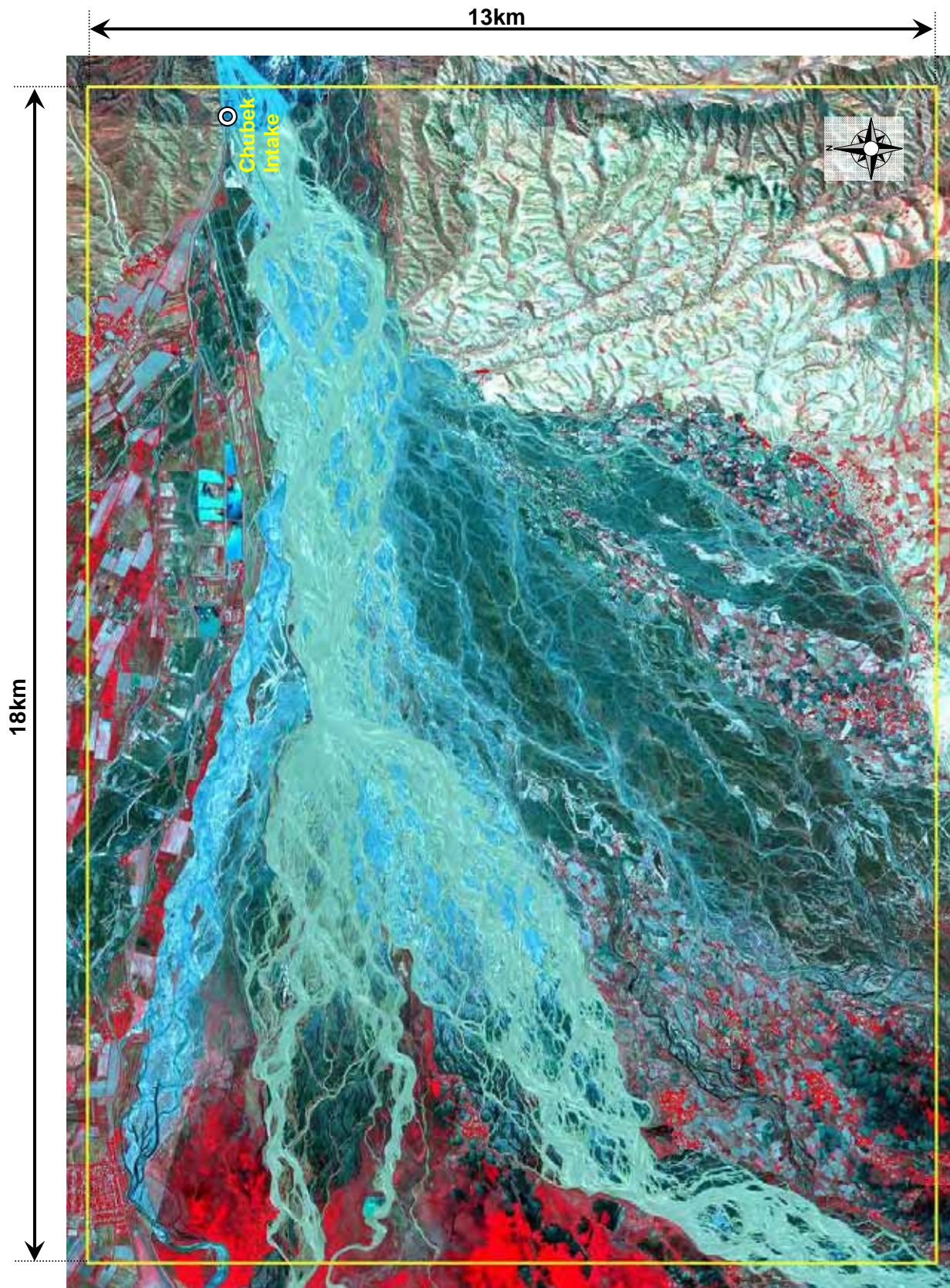




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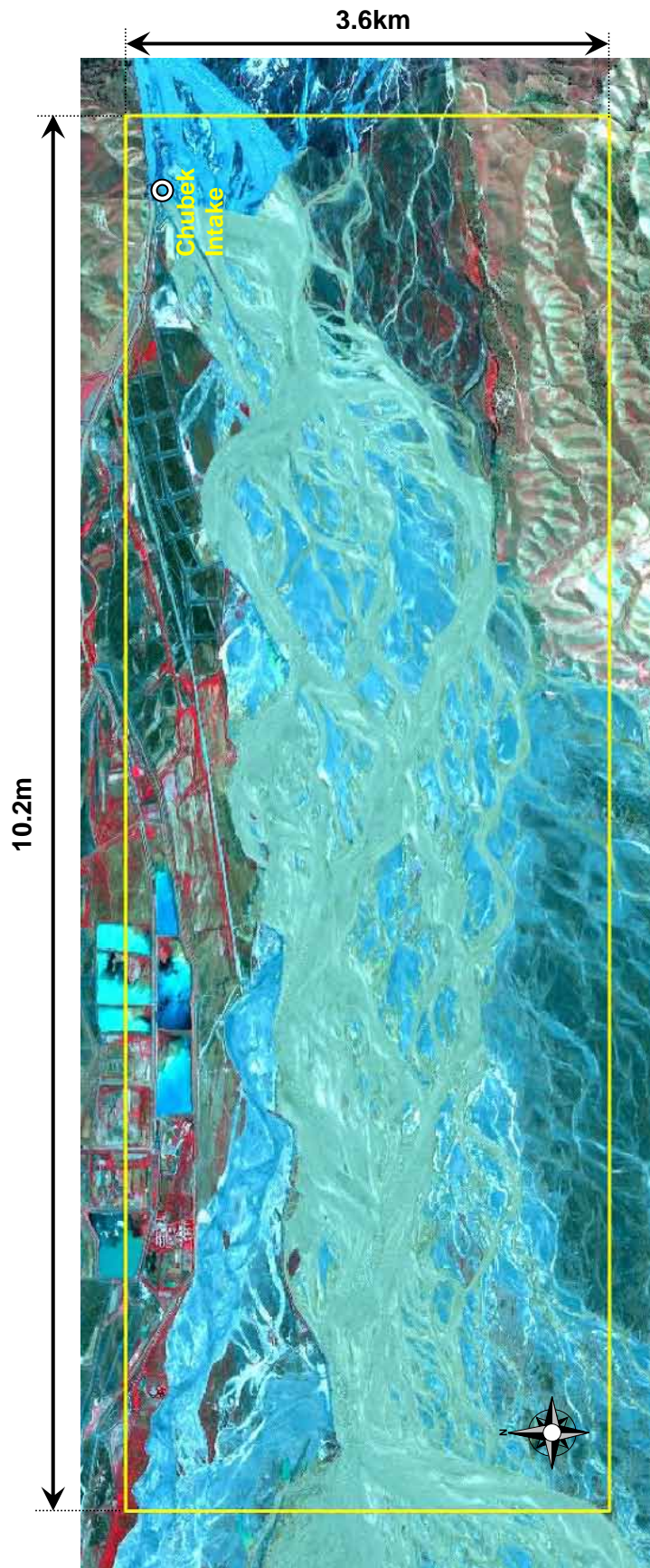
Fig. 2.2.7 Particle Size Distribution curve



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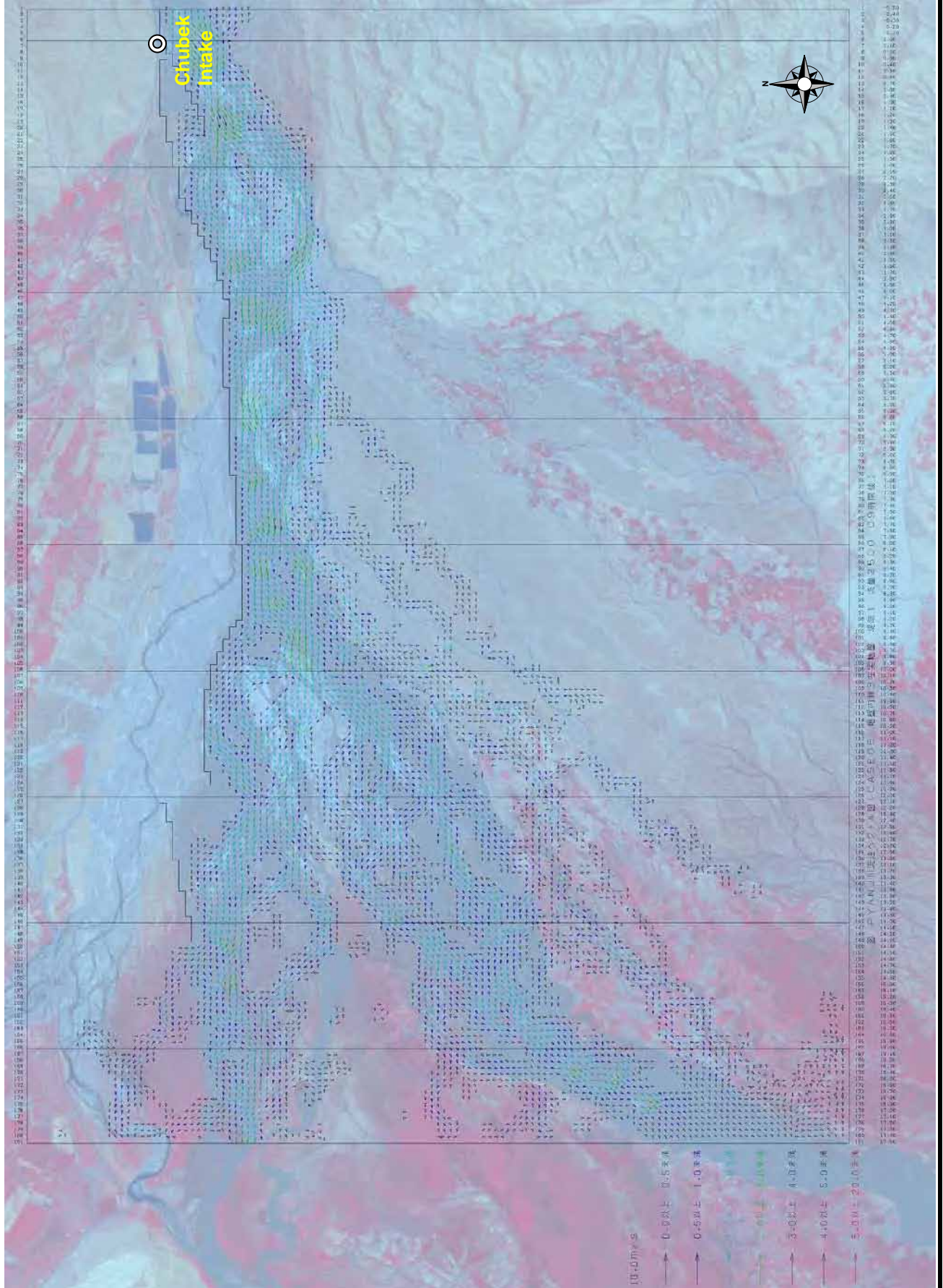
Fig. 2.2.8 Calculation Area of Two Dimensional Flow Analysis



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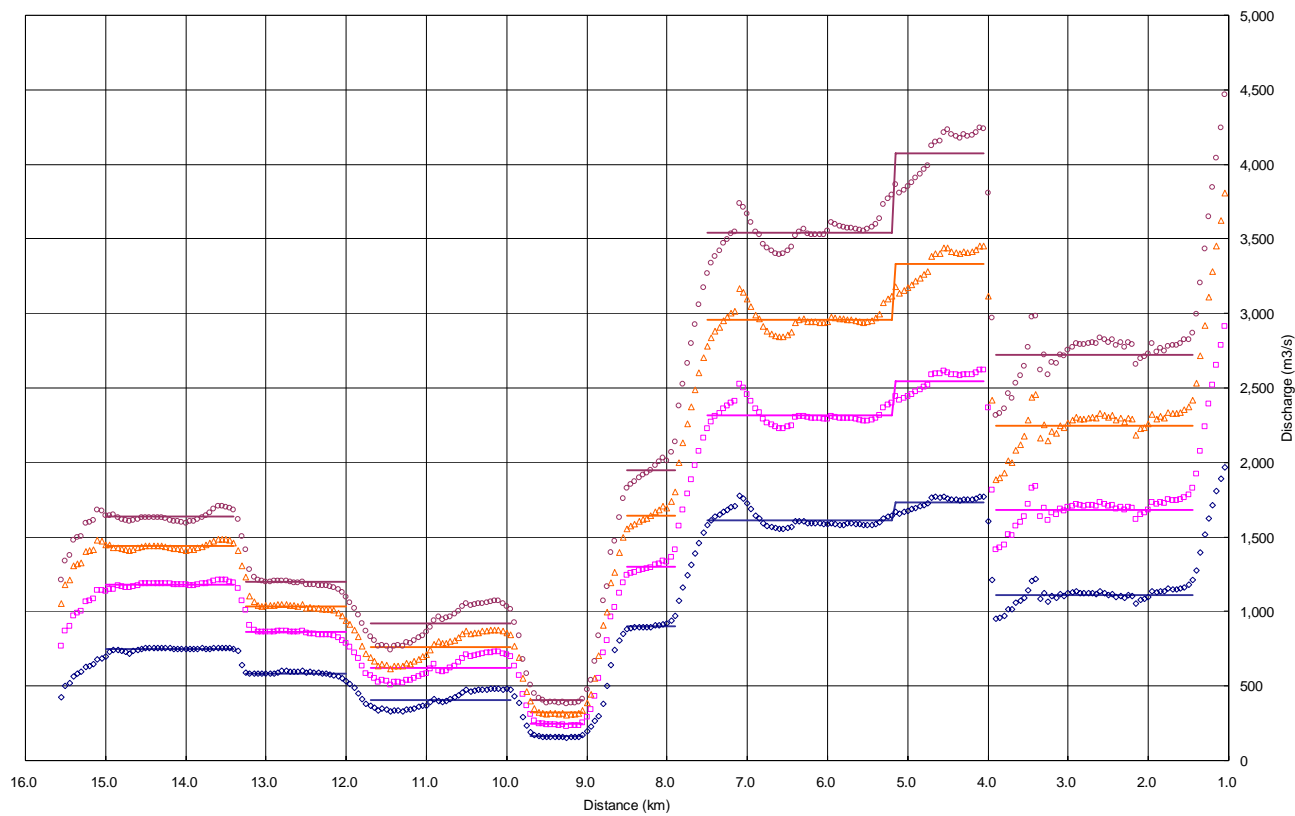
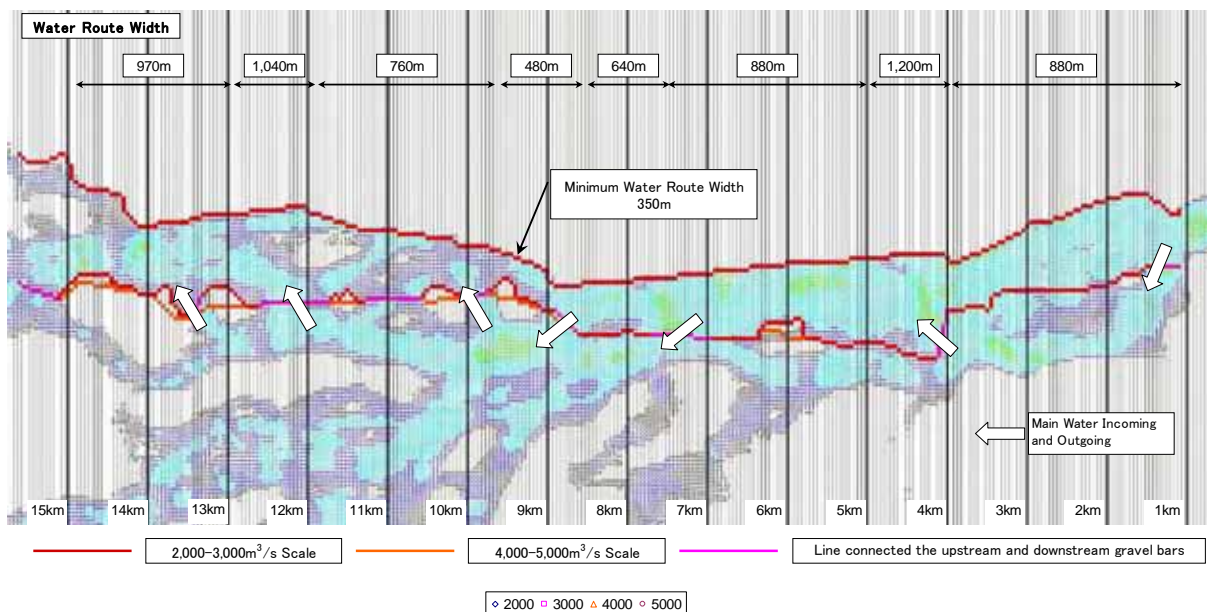
Fig. 2.2.9 Calculation Area of Riverbed Variation Analysis

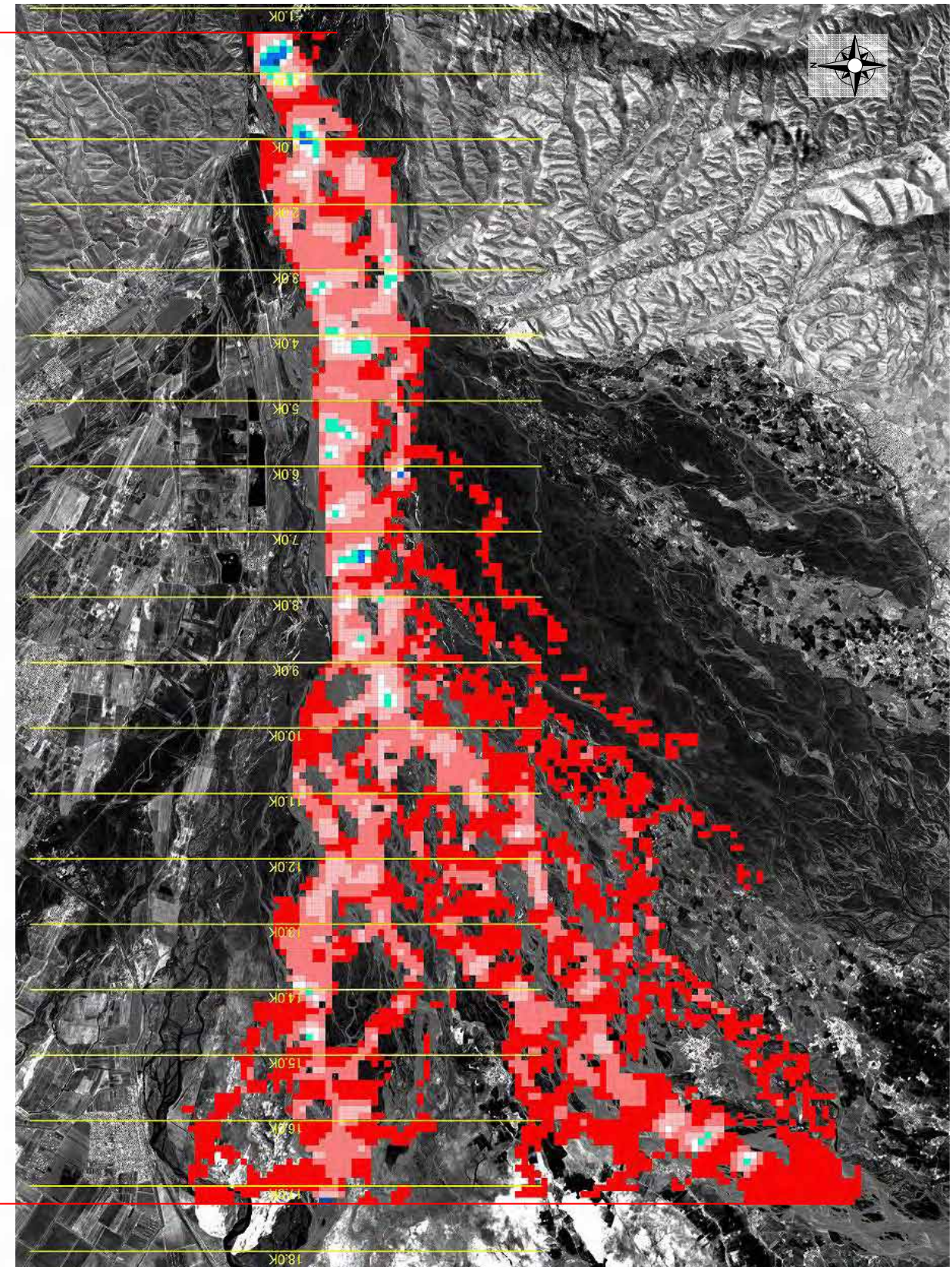
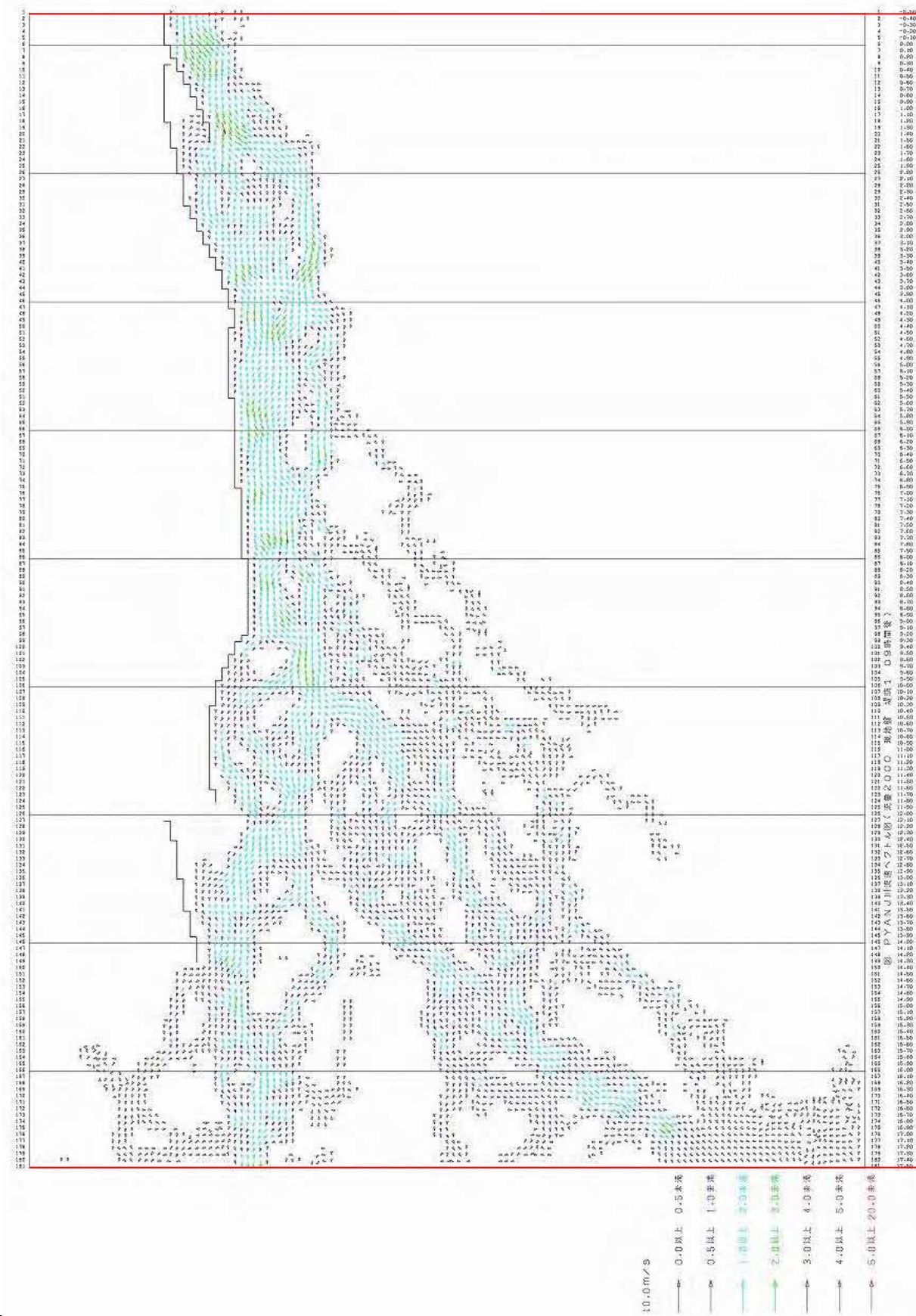


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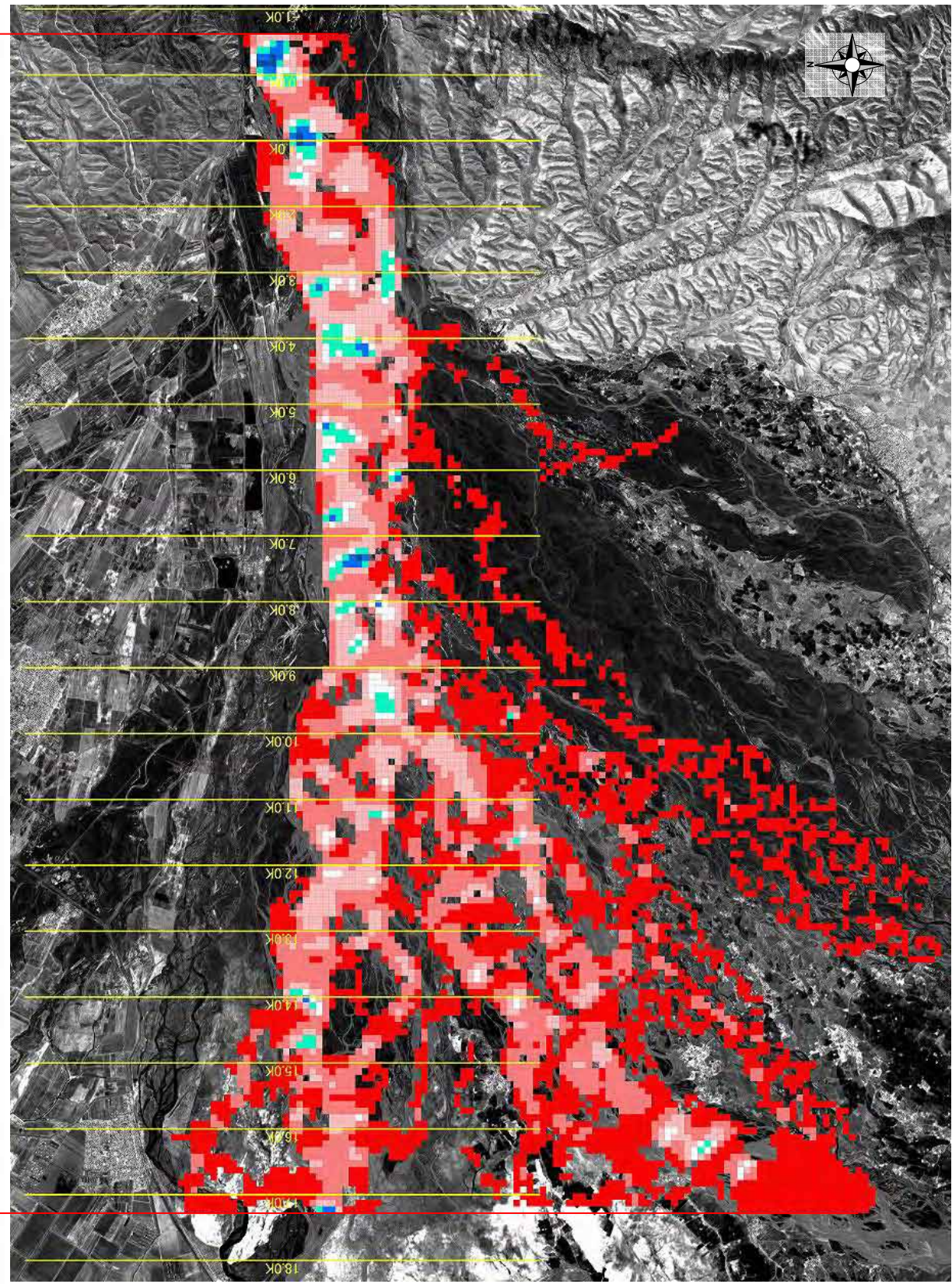
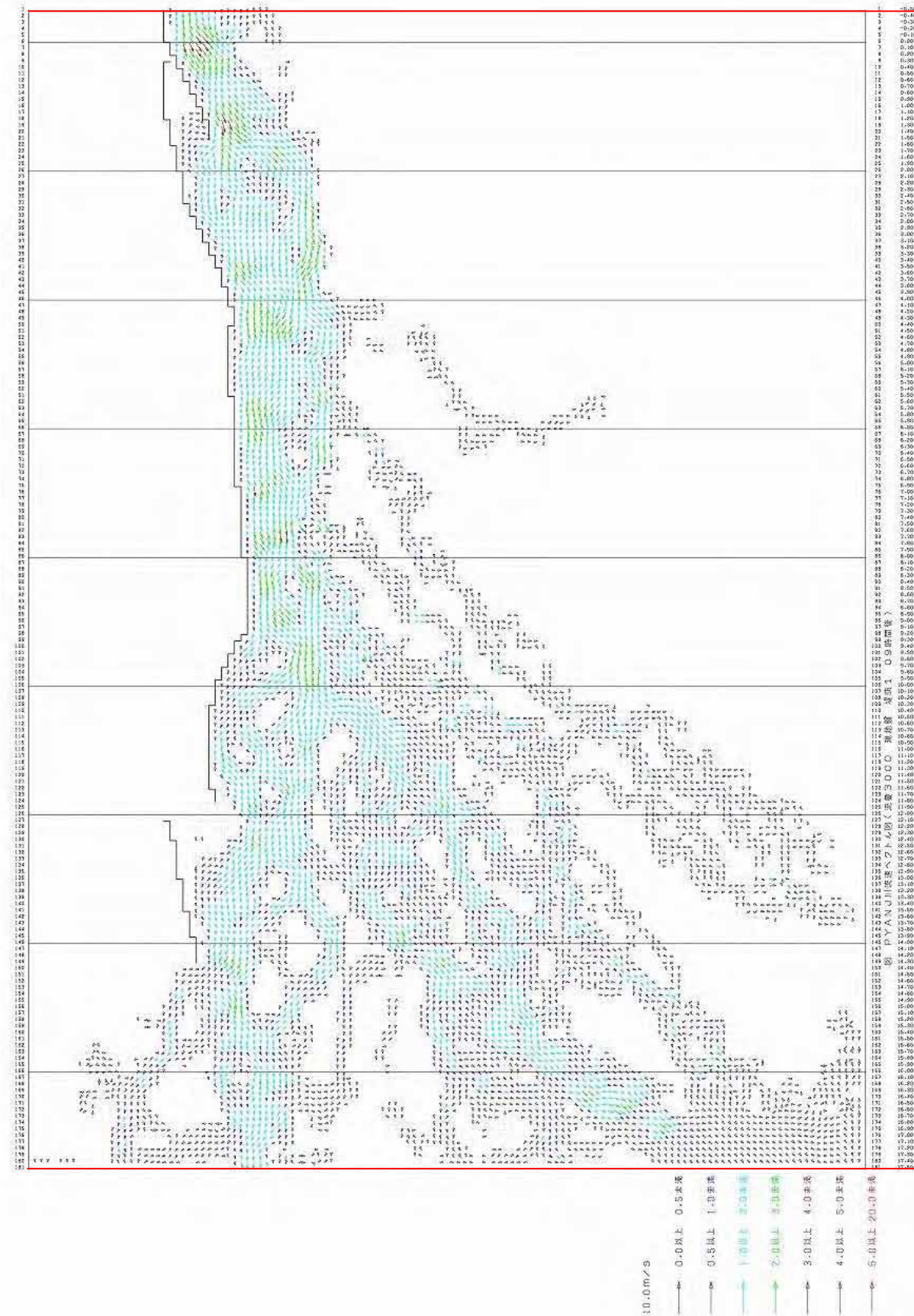
Fig. 2.2.10 Calibration Result of Two Dimensional Analysis (2,500 m³/s)





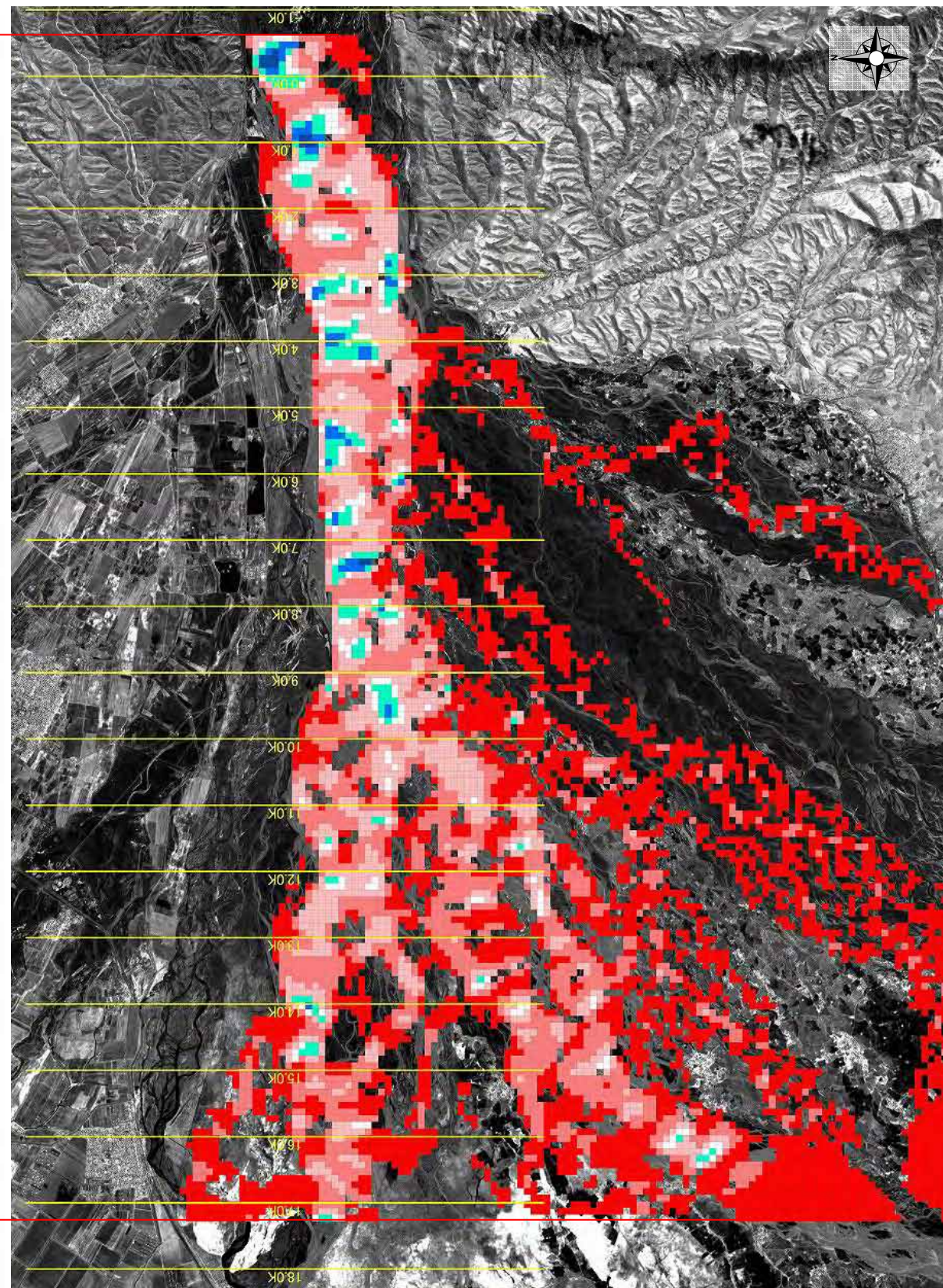
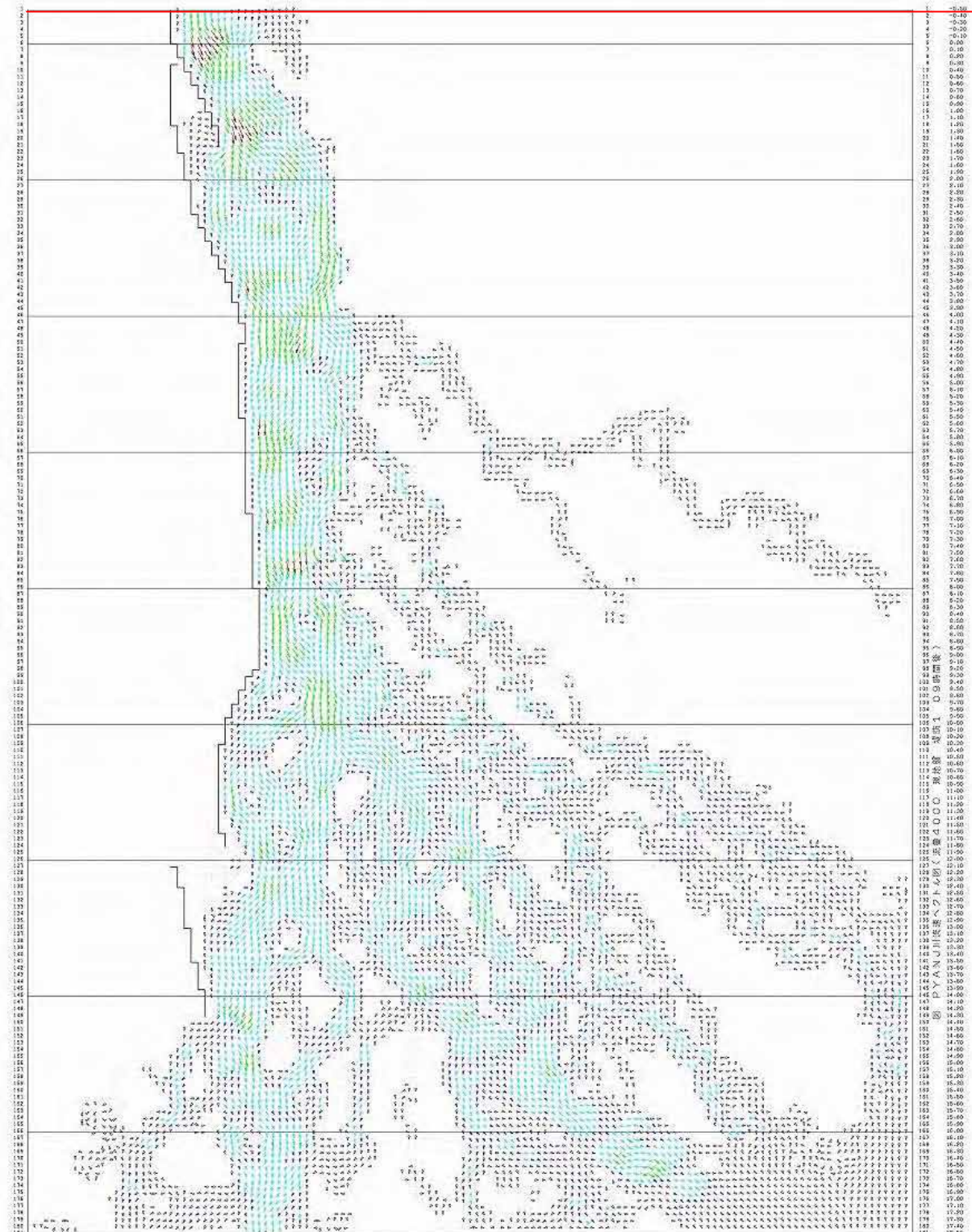
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Fig. 2.2.12(1) Situation of 2,000 m³/s Flow



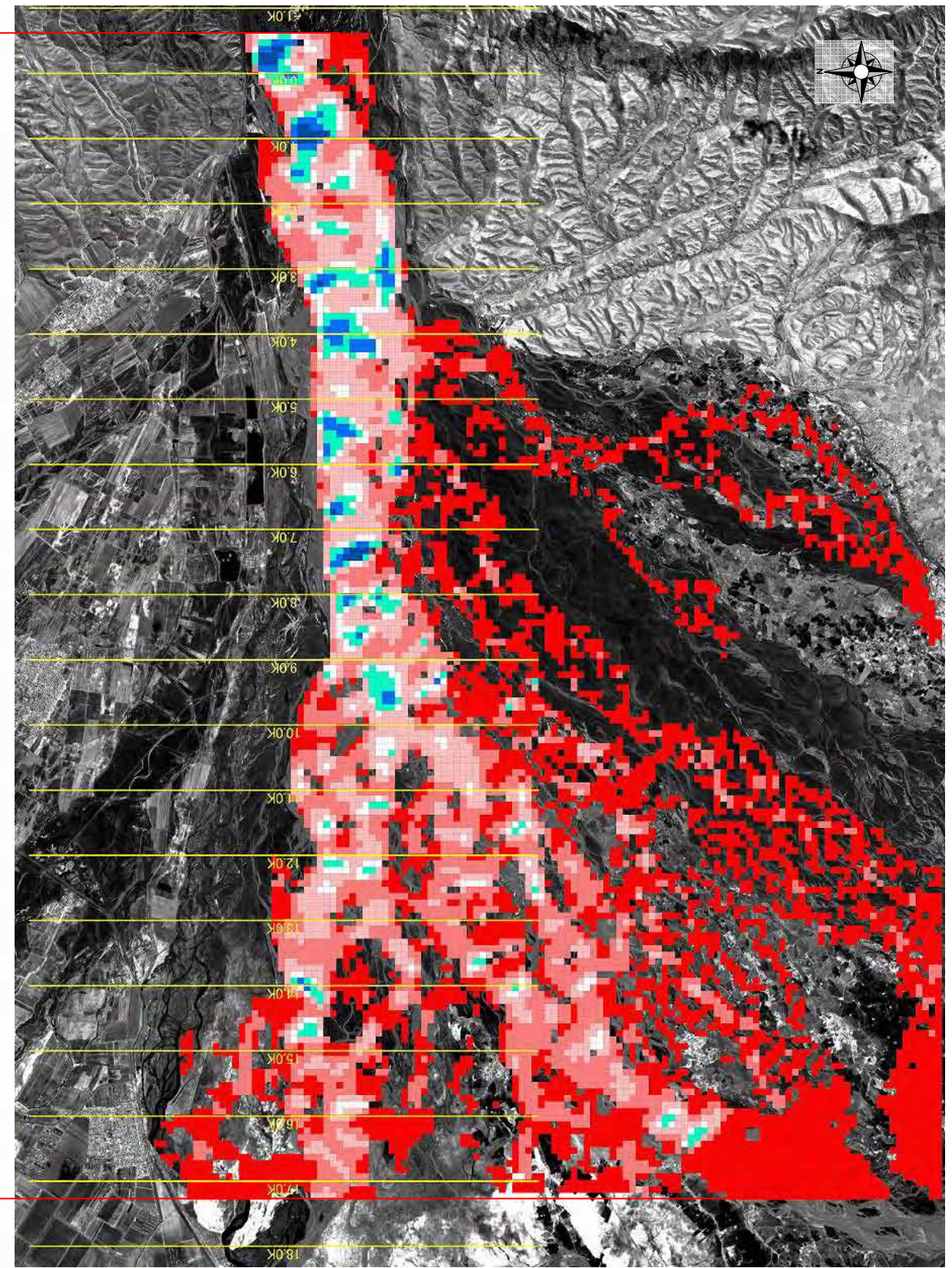
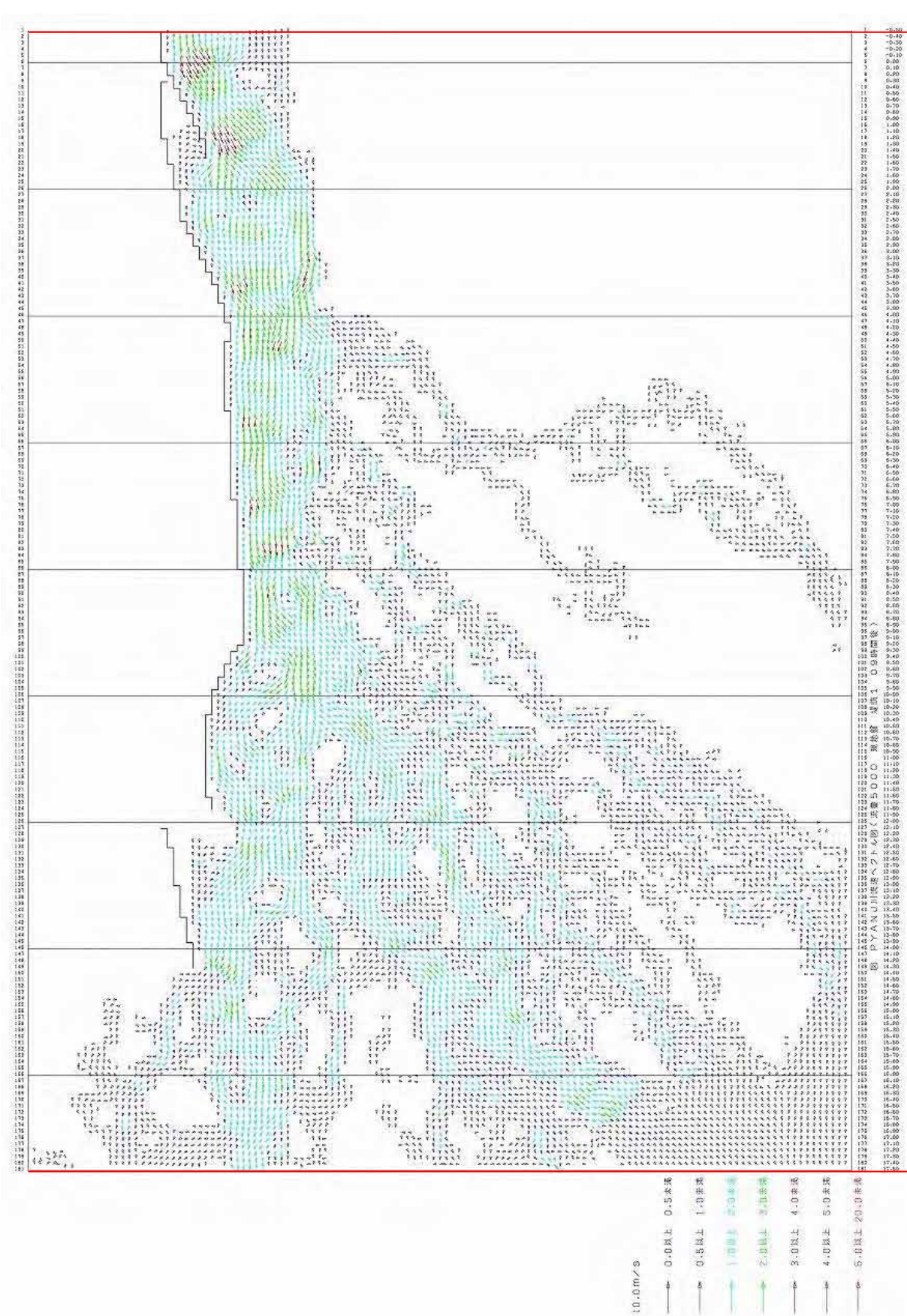
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Fig. 2.2.12(2) Situation of 3,000 m³/s Flow



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Fig. 2.2.12(3) Situation of 4,000 m³/s Flow



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Fig. 2.2.12(4) Situation of 5,000 m³/s Flow

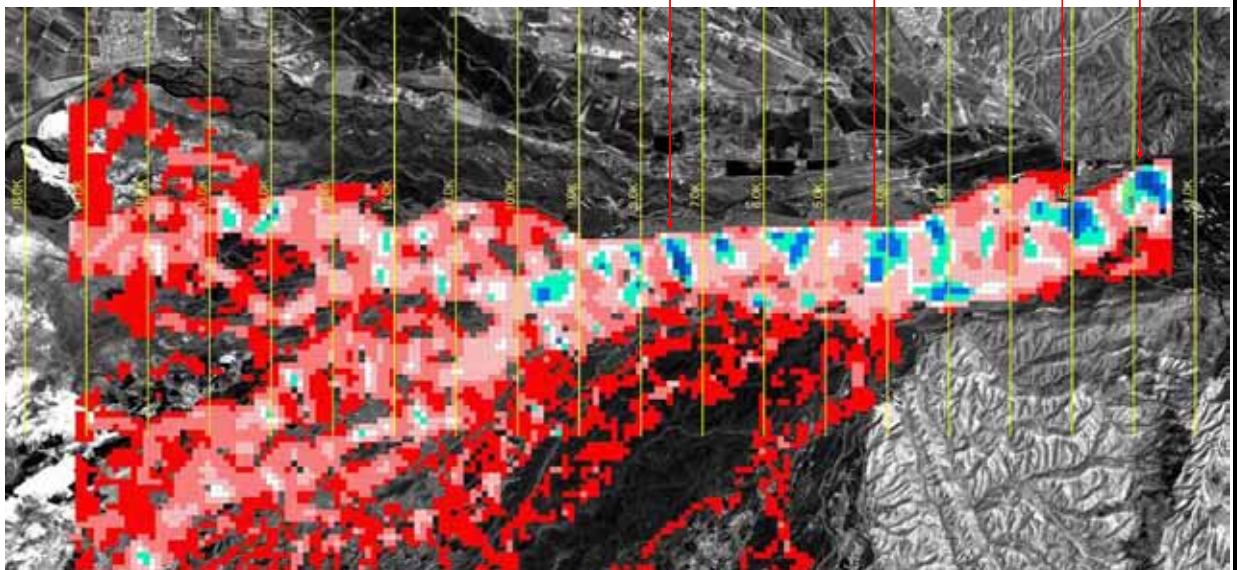
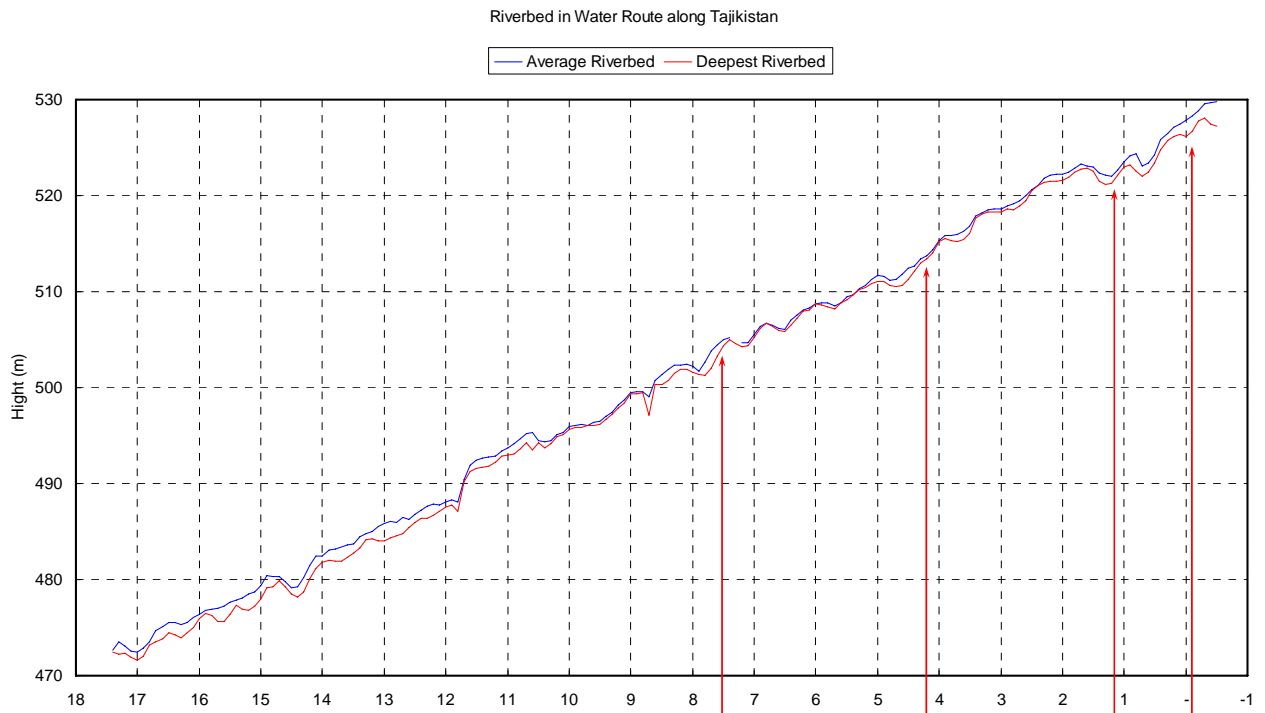
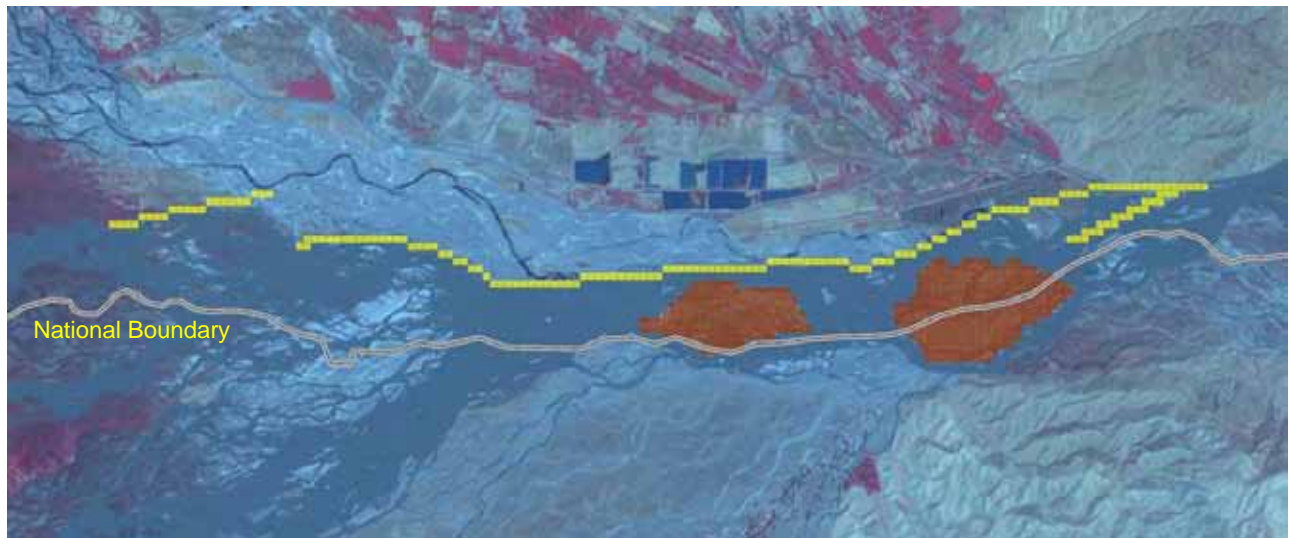
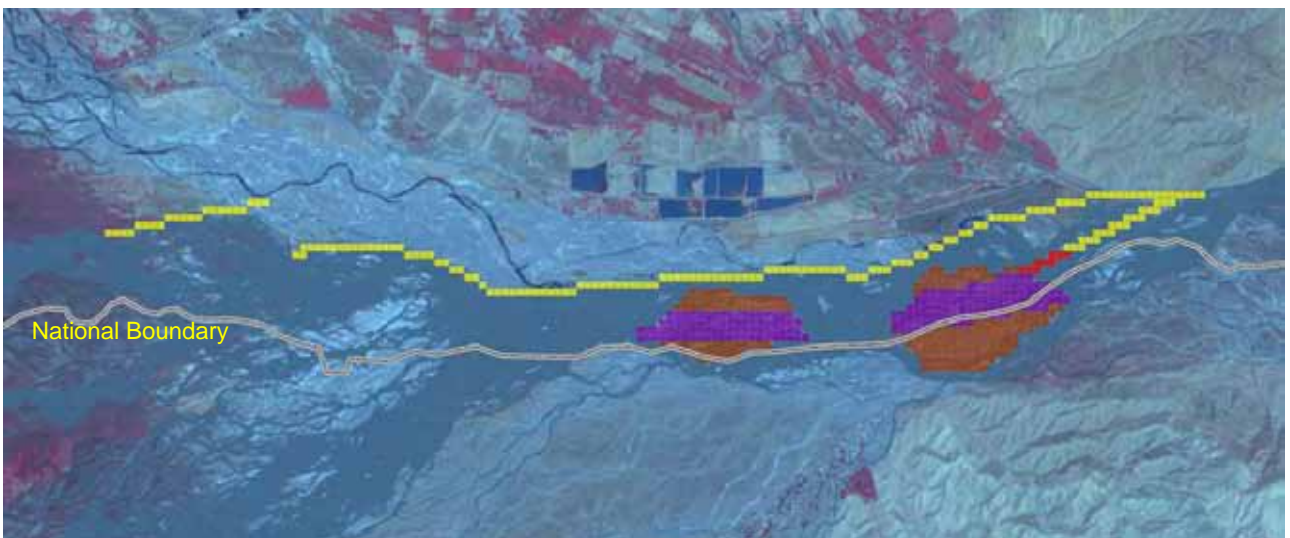


Fig. 2.2.13 Scouring Place and Point of Slope Variation

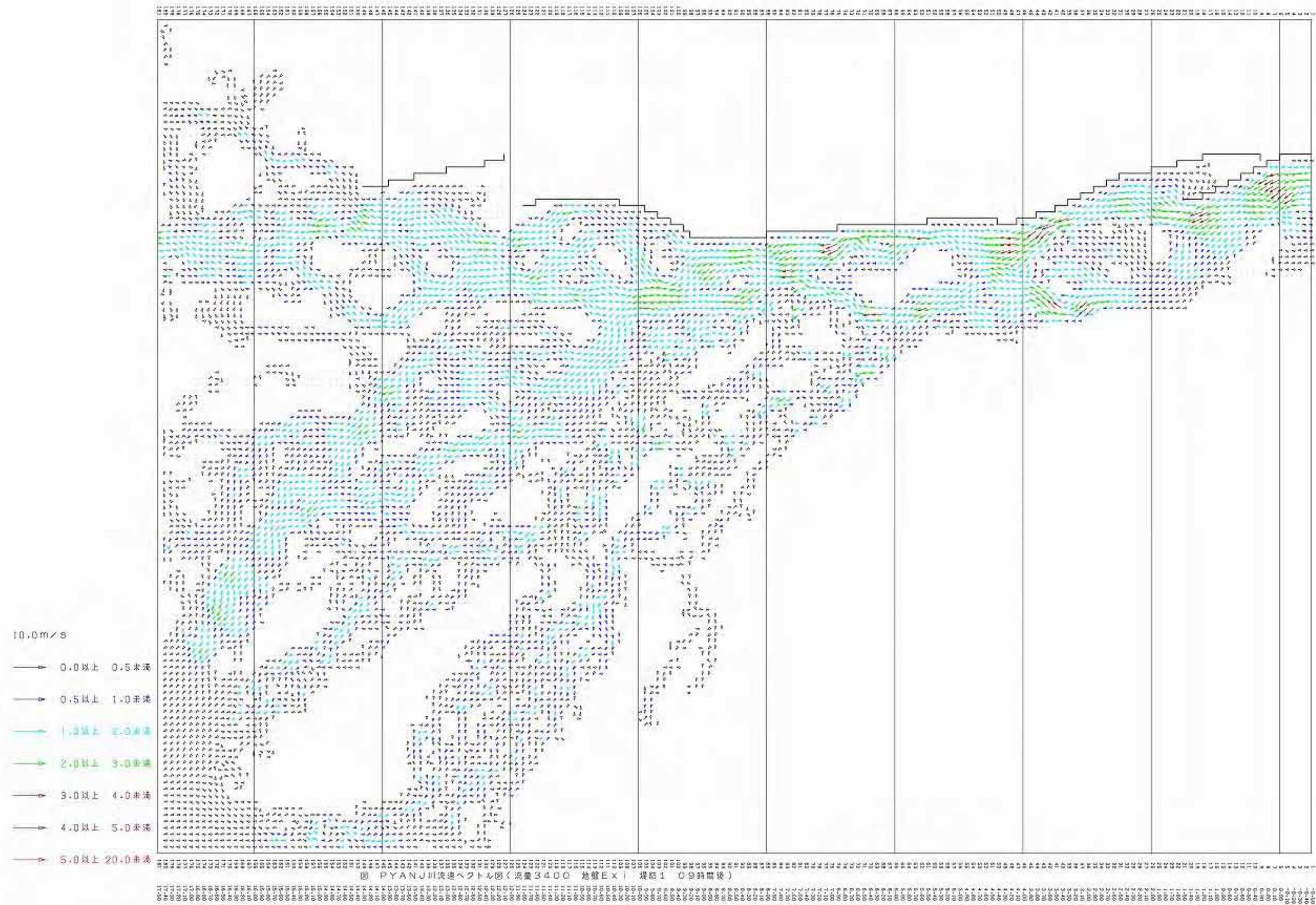
Existing Channel



Excavated Channel with Guide Dike Extension

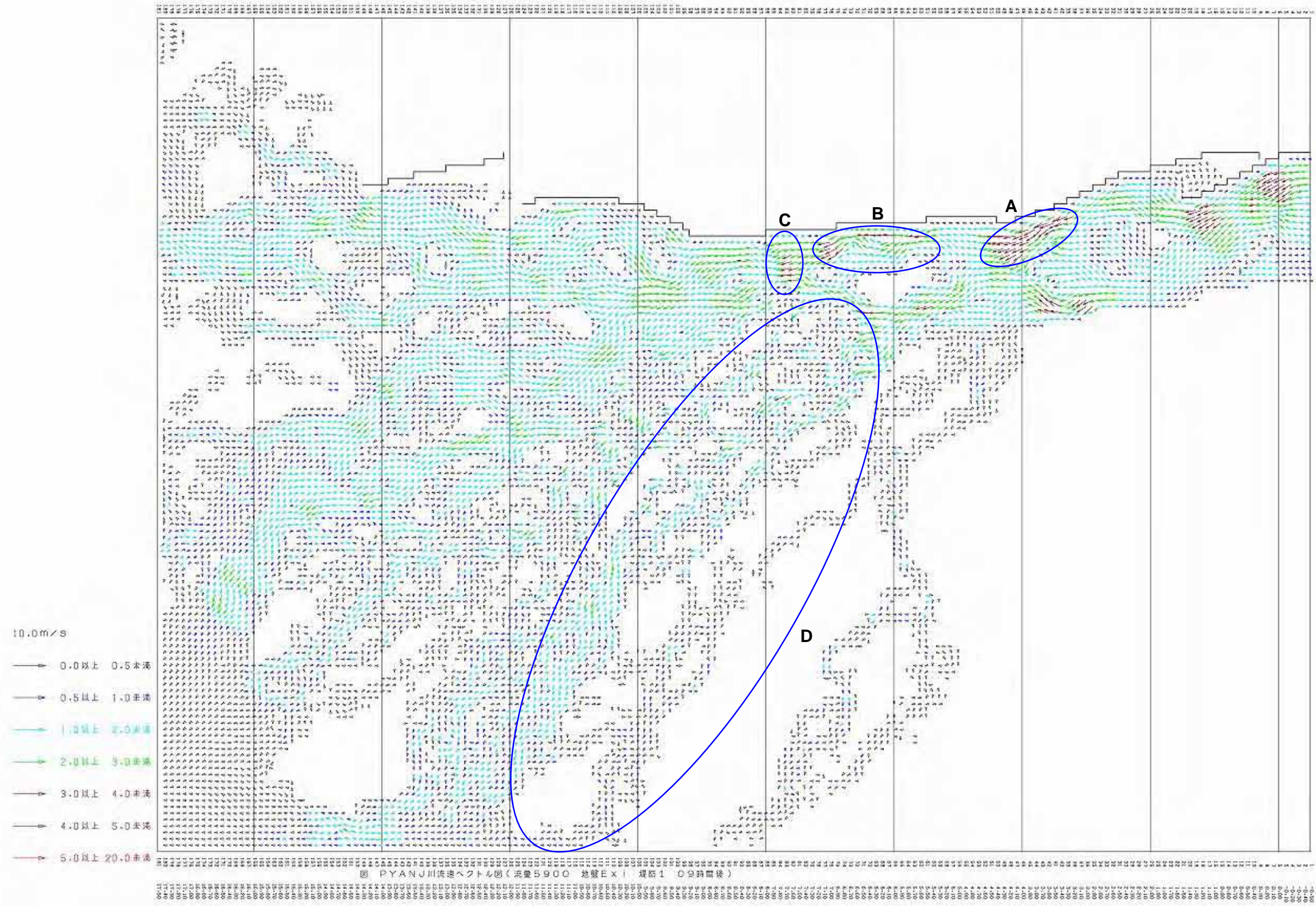


-  : Existing Dike
-  : Graver Bar
-  : Guide Dike Extension
-  : Excavated Channel



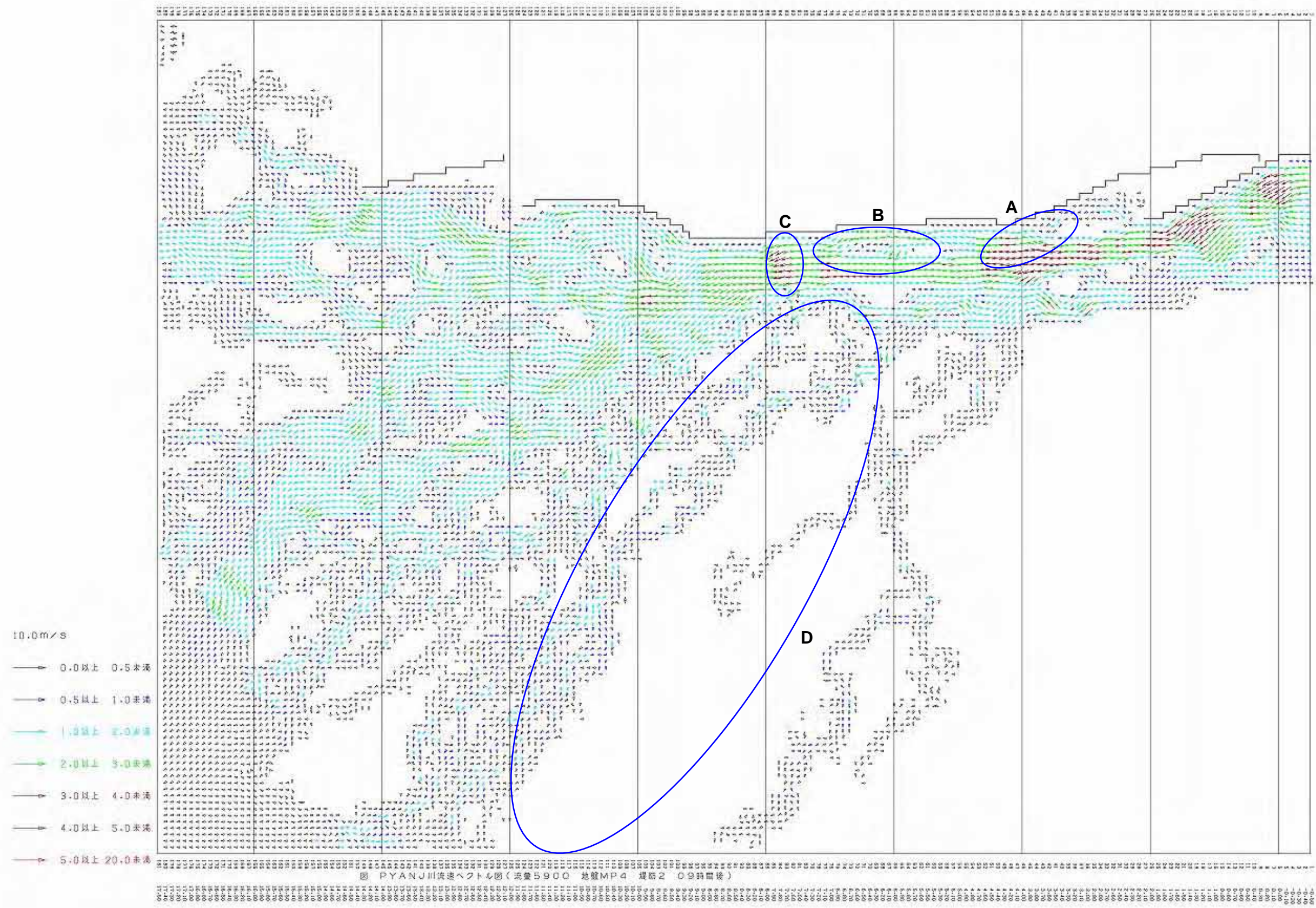
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Fig. 2.2.15 Flow Situation on the Existing Channel (3,400 m³/s)



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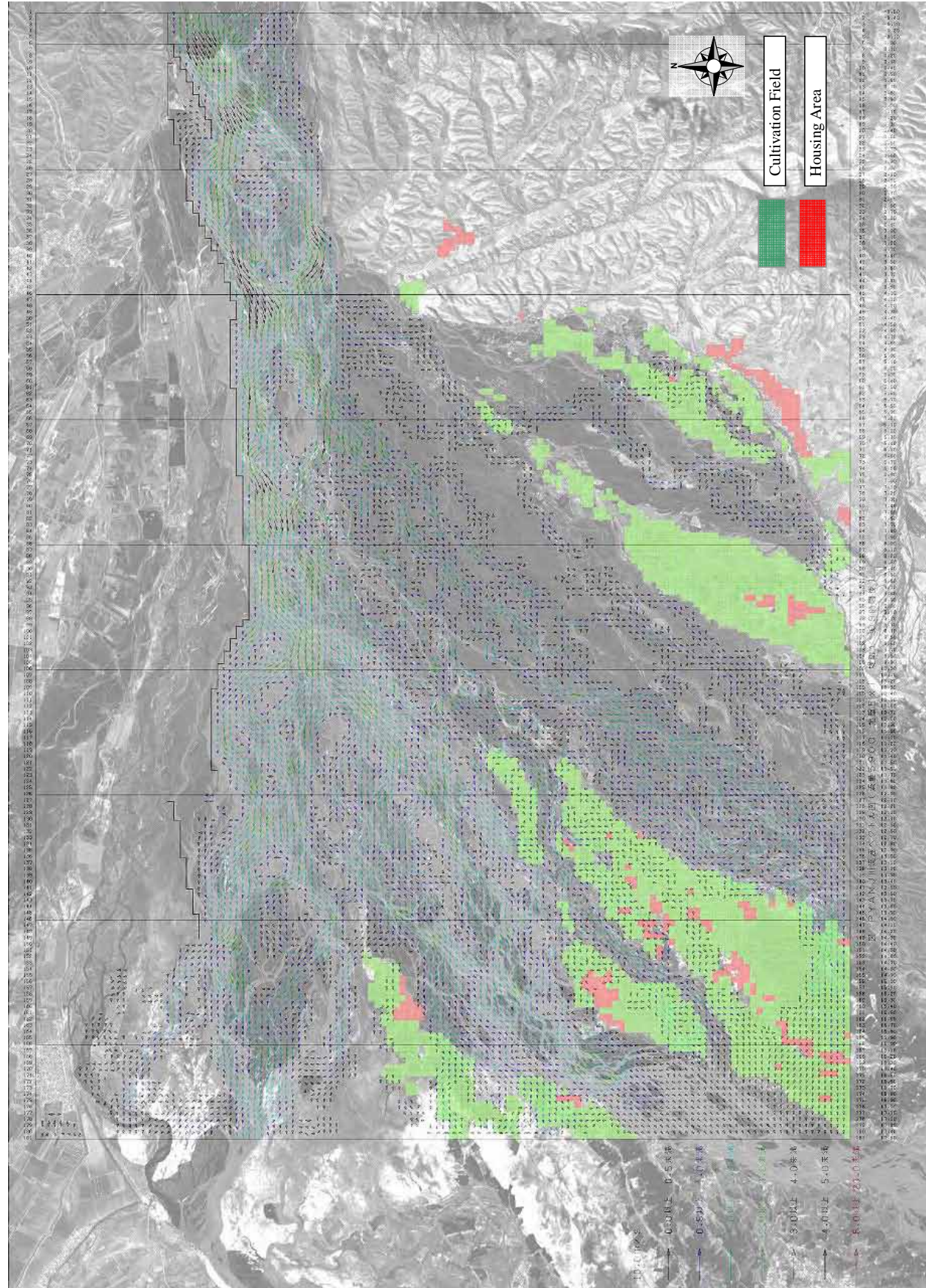
Fig. 2.2.16 Flow Situation on the Existing Channel (5,900 m³/s)



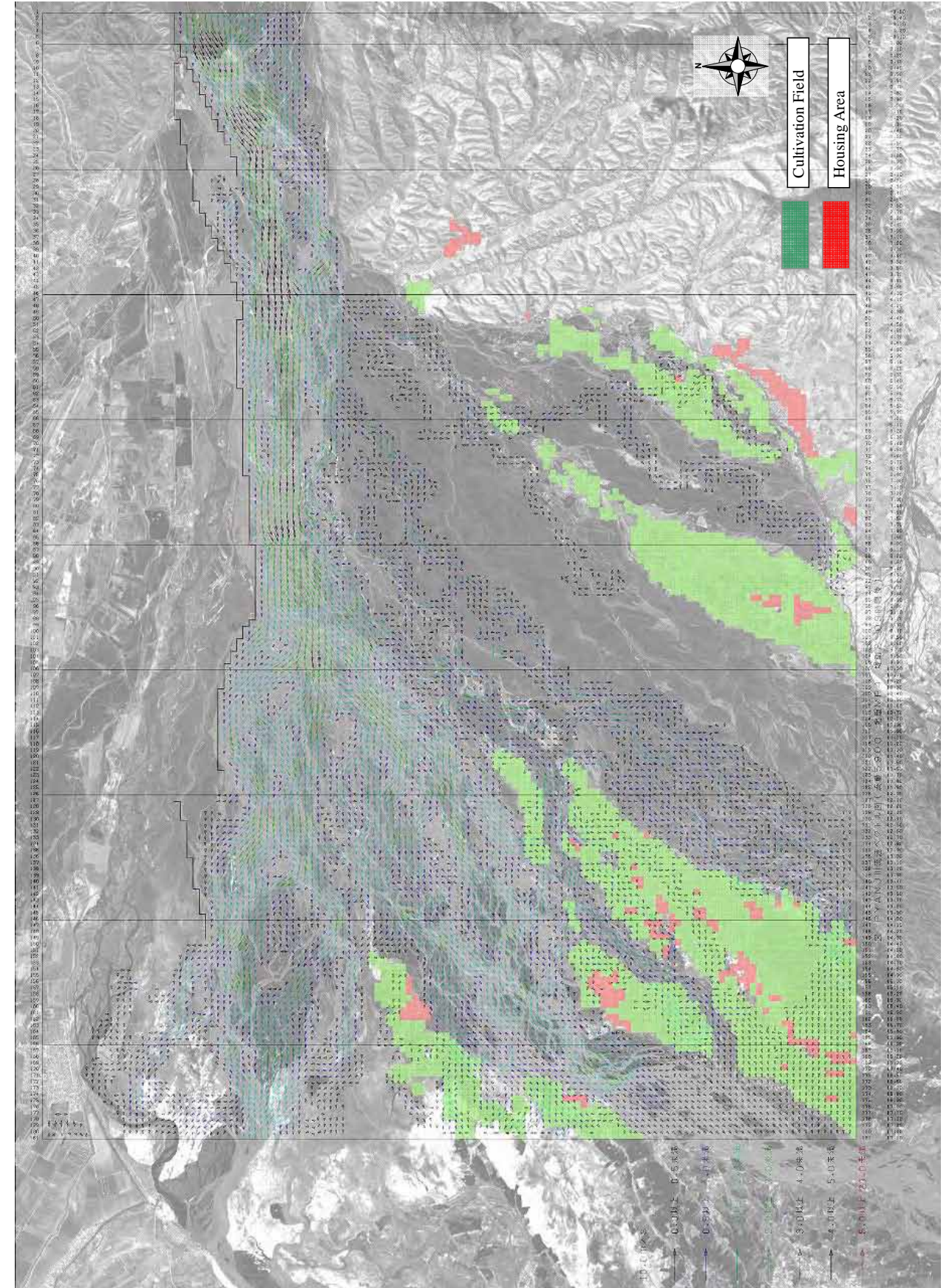
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Fig. 2.2.17 Flow Situation on the Excavated Channel with Guide Dike Extension (5,900 m³/s)

Existing Channel

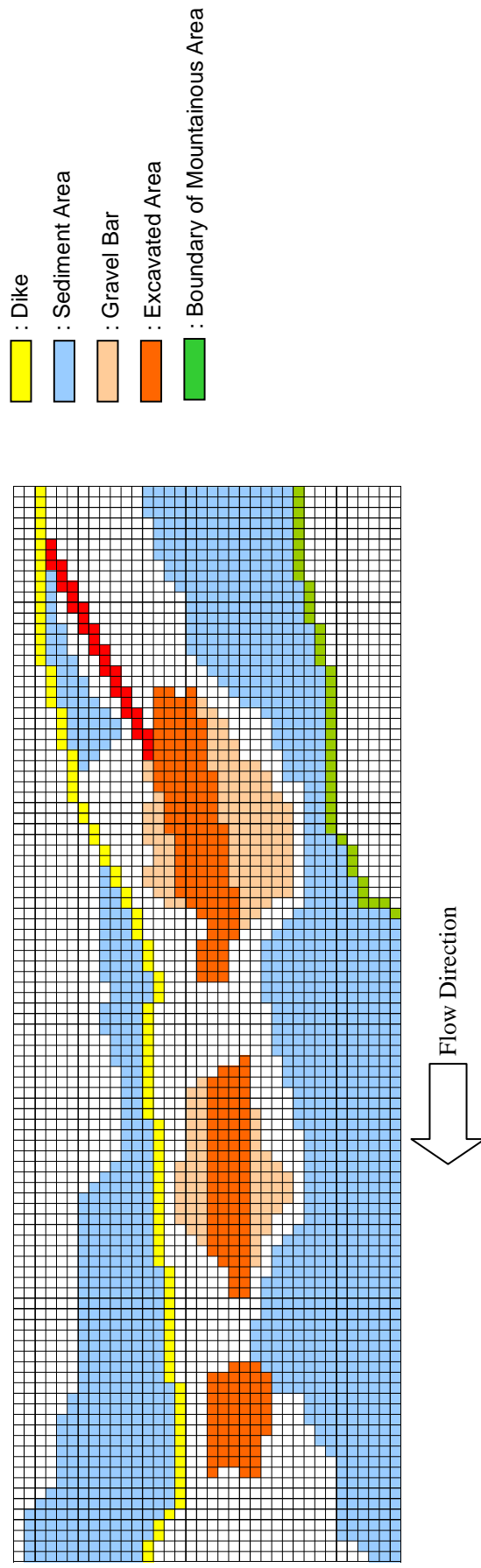


Excavated Channel with Guide Dike Extension



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Fig. 2.2.18 Comparison of Impact to
Afghanistan



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Fig. 2.2.19 Channel Model in Selected Area for Riverbed Fluctuation Analysis