



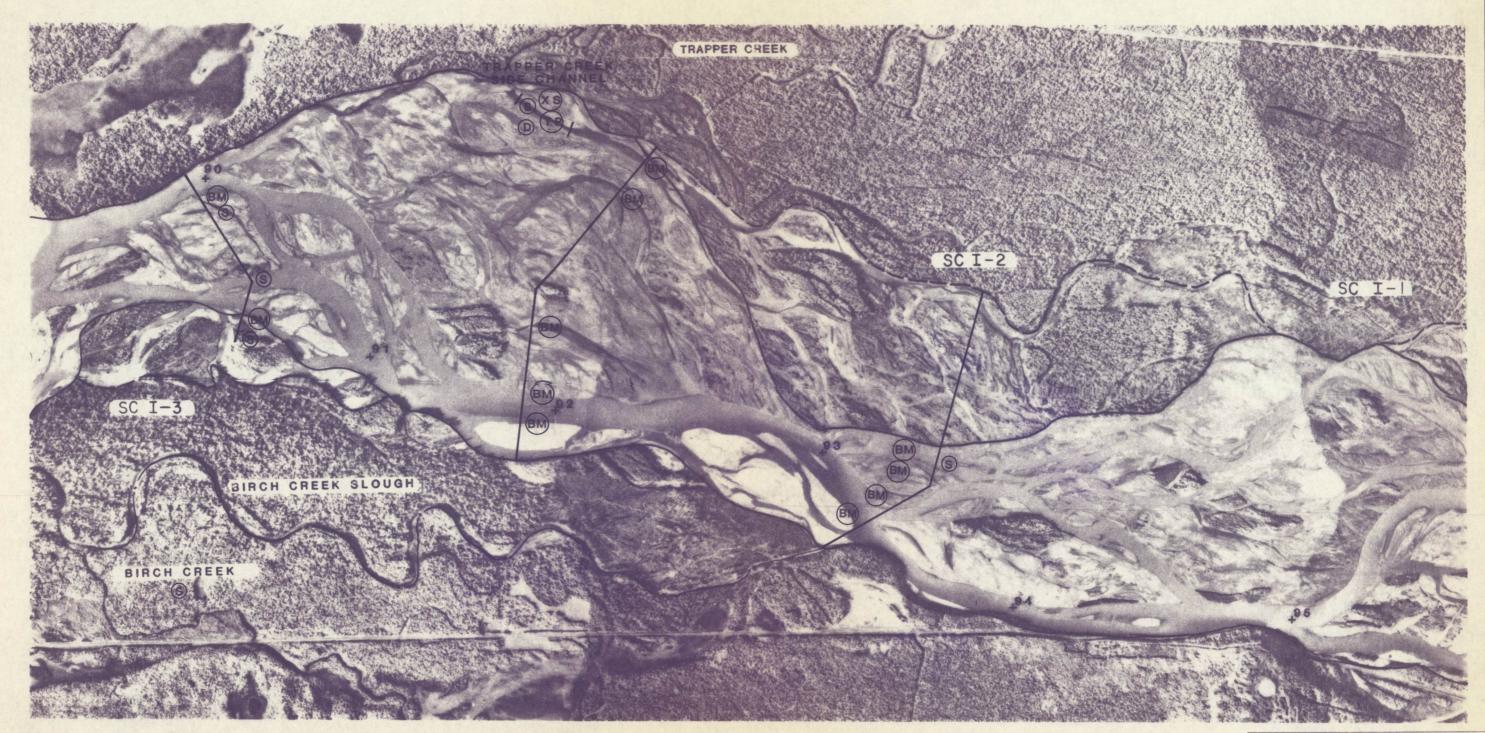
- D CONTINUOUS DISCHARGE
- 0 MISCELLANEOUS DISCHARGE
- (3)
- STAGE
- wo WATER QUALITY
- T CONTINUOUS WATER TEMPERATURE
- - WATER TEMPERATURE
 - SUSPENDED SEDIMENT
 - BEDLOAD
- BED MATERIAL
- CROSS SECTION
- THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT 16,1983 SCALE: I"= 2000' SHEET: 2 OF 28 DATE: 2-7-84





- CONTINUOUS DISCHARGE
- MISCELLANEOUS DISCHARGE
- S
- STAGE wo
 - WATER QUALITY
 - CONTINUOUS WATER TEMPERATURE
- - WATER TEMPERATURE
 - SUSPENDED SEDIMENT
 - BEDLOAD
 - BED MATERIAL
 - CROSS SECTION
 - THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT 16,1983 SCALE: 1"= 2000' SHEET: 3 OF 28 DATE: 2-7-84





CONTINUOUS DISCHARGE

MISCELLANEOUS DISCHARGE

S STAGE

WATER QUALITY

CONTINUOUS WATER TEMPERATURE

WATER TEMPERATURE

SUSPENDED SEDIMENT

BEDLOAD

BED MATERIAL

CROSS SECTION

THALWEG PROFILE

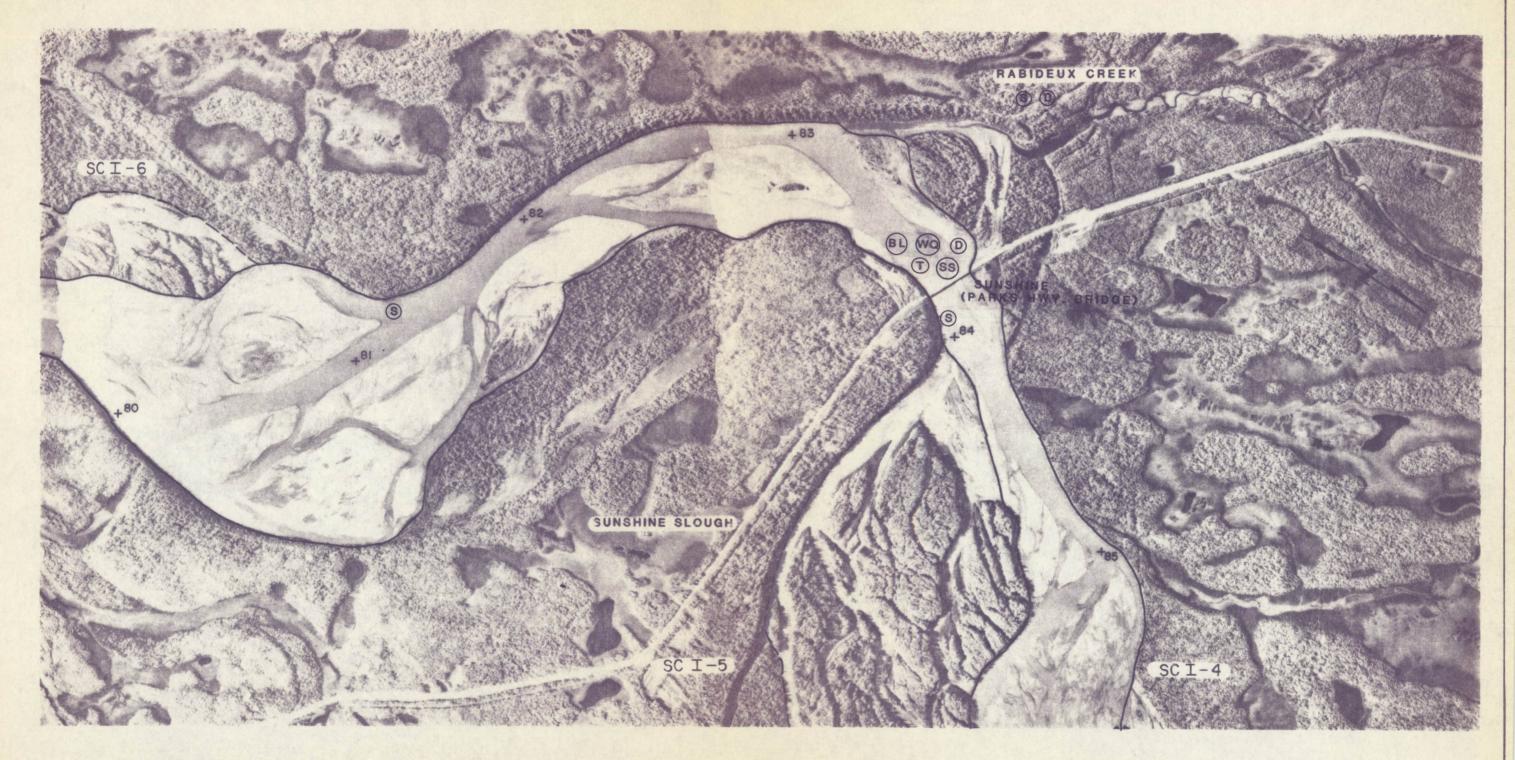
ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT.16,1983 SCALE: 1"= 2000' SHEET: 4 OF 28 DATE: 2-7-84



HARIA-EBASCO



- CONTINUOUS DISCHARGE
- 0 MISCELLANEOUS DISCHARGE
- S STAGE

T

- wo WATER QUALITY
 - CONTINUOUS WATER TEMPERATURE

WATER TEMPERATURE

- SUSPENDED SEDIMENT
- SS BL BM SS P BEDLOAD

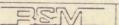
BED MATERIAL

- CROSS SECTION
- THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT.16,1983 SCALE: 1"= 2000' SHEET: 5 OF 28 DATE: 2-7-84



HARZA-EBASCO



- D CONTINUOUS DISCHARGE
- MISCELLANEOUS DISCHARGE
- (S) (W) STAGE
- WATER QUALITY
- T CONTINUOUS WATER TEMPERATURE

- WATER TEMPERATURE
- SUSPENDED SEDIMENT
- SS B M S P
 - BEDLOAD BED MATERIAL
- - CROSS SECTION
- THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT.16, 1983 SCALE : 1"= 2000' SHEET: 6 OF 28 DATE: 2-7-84



HARZA-EBASCO



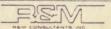
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- 0 MISCELLANEOUS DISCHARGE
- (\$)
 - STAGE
- wa'
- WATER QUALITY
- CONTINUOUS WATER TEMPERATURE

- - WATER TEMPERATURE
- SUSPENDED SEDIMENT
- BEDLOAD
- - BED MATERIAL
 - CROSS SECTION
 - THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT.16,1983 SCALE: 1" SHEET: 7 OF 28 DATE: 2-7-84





D CONTINUOUS DISCHARGE

MISCELLANEOUS DISCHARGE

STAGE

WATER QUALITY T

CONTINUOUS WATER TEMPERATURE

WATER TEMPERATURE

SUSPENDED SEDIMENT

BEDLOAD

BED MATERIAL

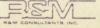
SS BL M XS

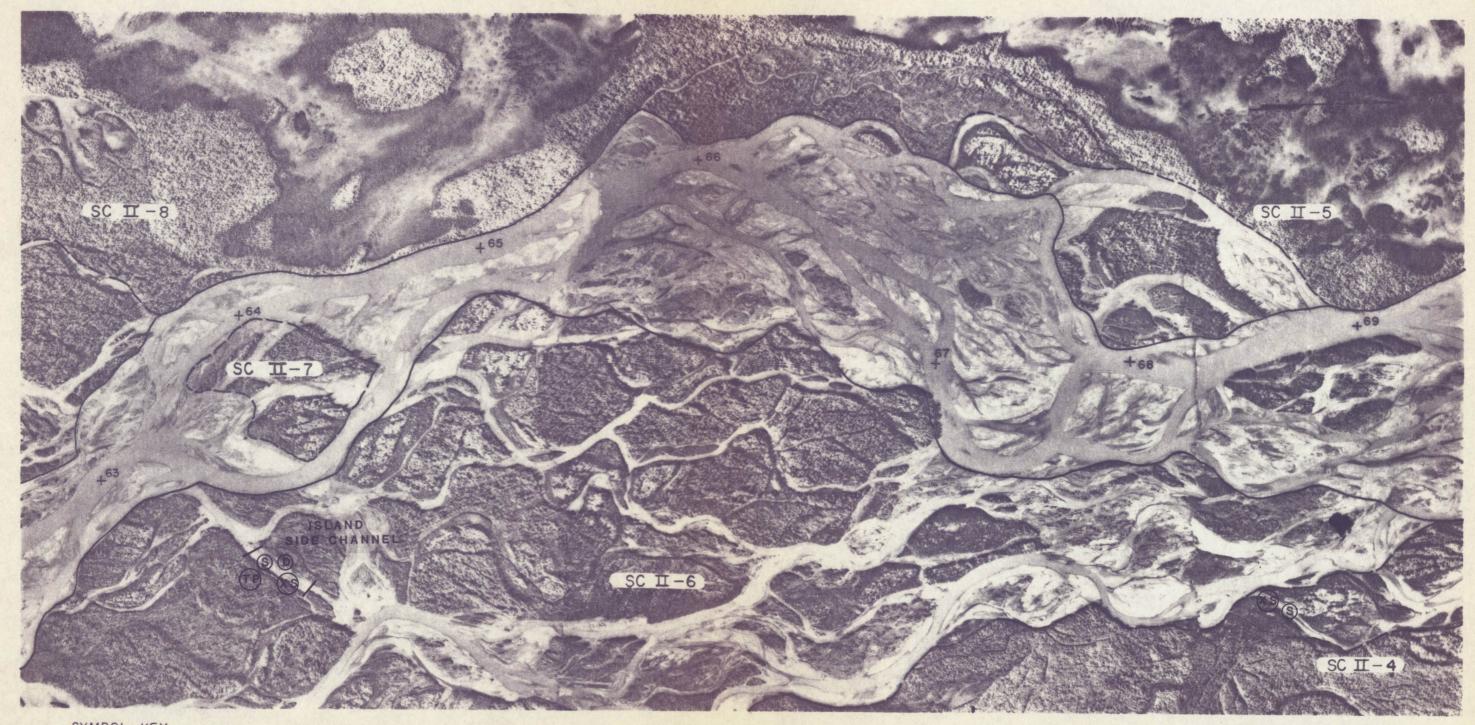
CROSS SECTION THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT.16,1983 SCALE: 1"= 2000' SHEET: 8 OF 28 DATE: 2-7-84





- CONTINUOUS DISCHARGE
- 0 MISCELLANEOUS DISCHARGE
- S STAGE
- wo WATER QUALITY
- T CONTINUOUS WATER TEMPERATURE
- WATER TEMPERATURE
- SUSPENDED SEDIMENT
- BEDLOAD
- BED MATERIAL
- CROSS SECTION
 - THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT.16,1983 SCALE: 1"= 2000' SHEET: 9 OF 28 DATE: 2-7-84



HARZA-EBASCO



MISCELLANEOUS DISCHARGE

S

STAGE

WATER QUALITY

CONTINUOUS WATER TEMPERATURE

BED MATERIAL

CROSS SECTION

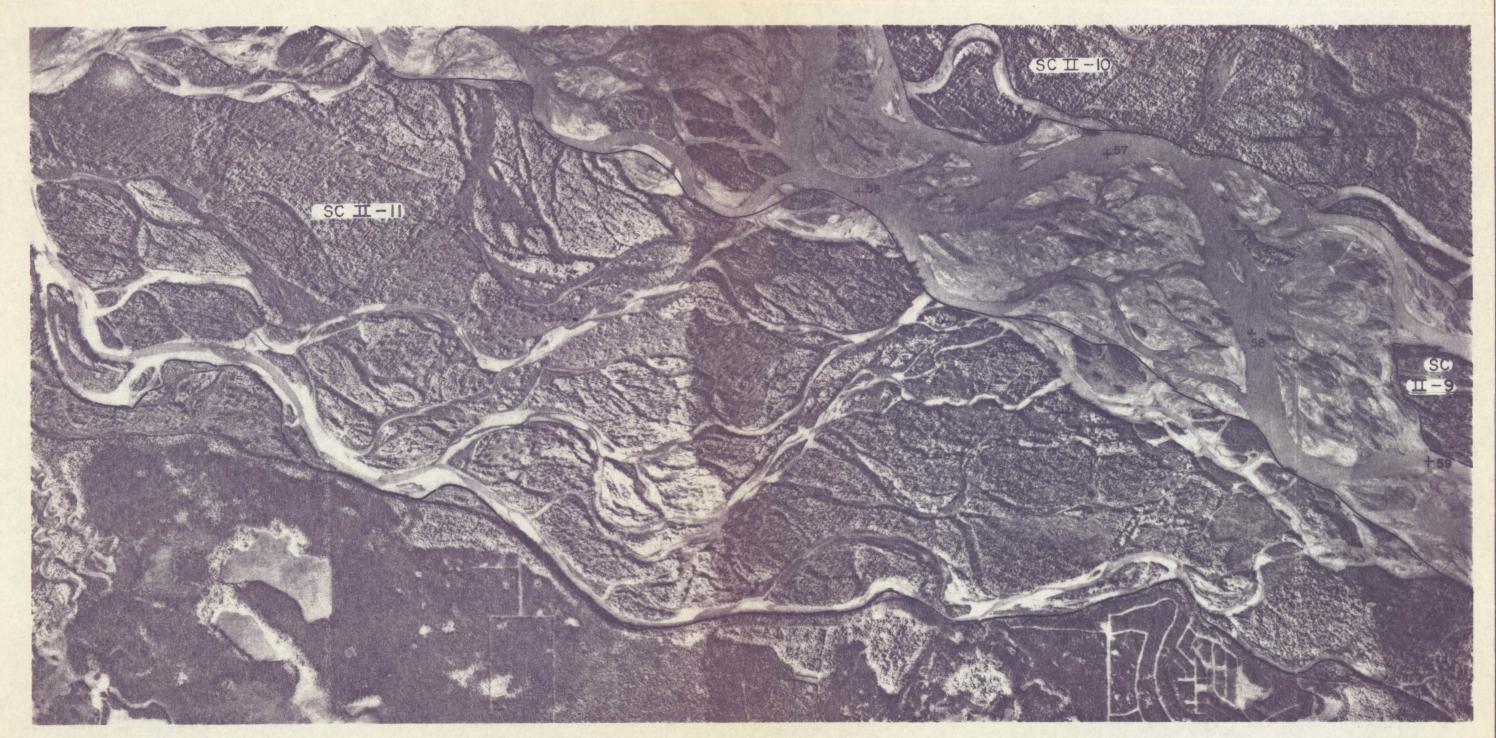
THALWEG PROFILE

CASWELL CREEK

DATE OF PHOTOGRAPHY SEPT 16, 1983 SCALE: 1"= 2000' SHEET: 10 OF 28 DATE: 2-7-84



HARZA-EBASGO



CONTINUOUS DISCHARGE

0 MISCELLANEOUS DISCHARGE

STAGE

(S) (W)

WATER QUALITY

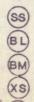
CONTINUOUS WATER TEMPERATURE

WATER TEMPERATURE

SUSPENDED SEDIMENT



BEDLOAD



BED MATERIAL



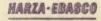
CROSS SECTION

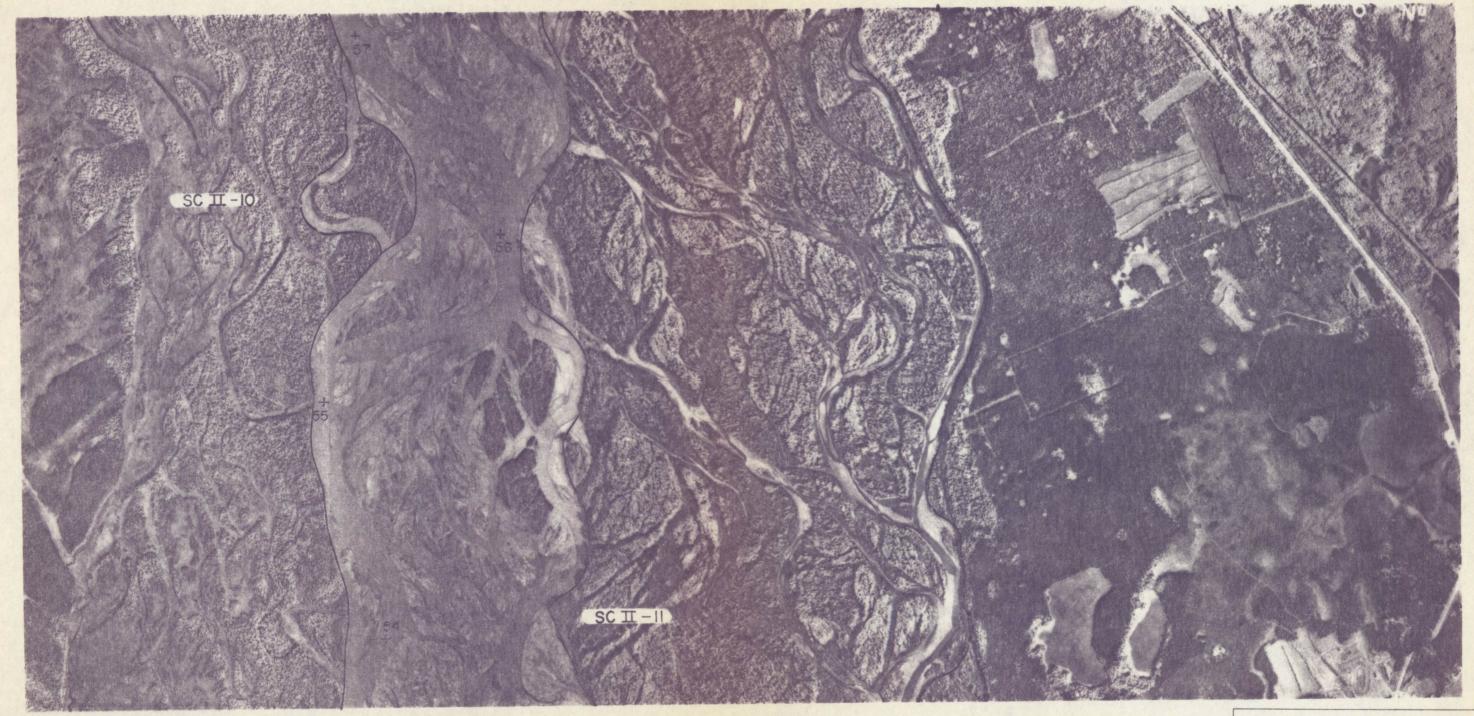
THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT.16,1983 SCALE: 1"= 2000' SHEET: 11 OF 28 DATE: 2-7-84'





CONTINUOUS DISCHARGE

MISCELLANEOUS DISCHARGE

STAGE

WATER QUALITY

CONTINUOUS WATER TEMPERATURE

WATER TEMPERATURE

SUSPENDED SEDIMENT

BEDLOAD

BED MATERIAL

CROSS SECTION

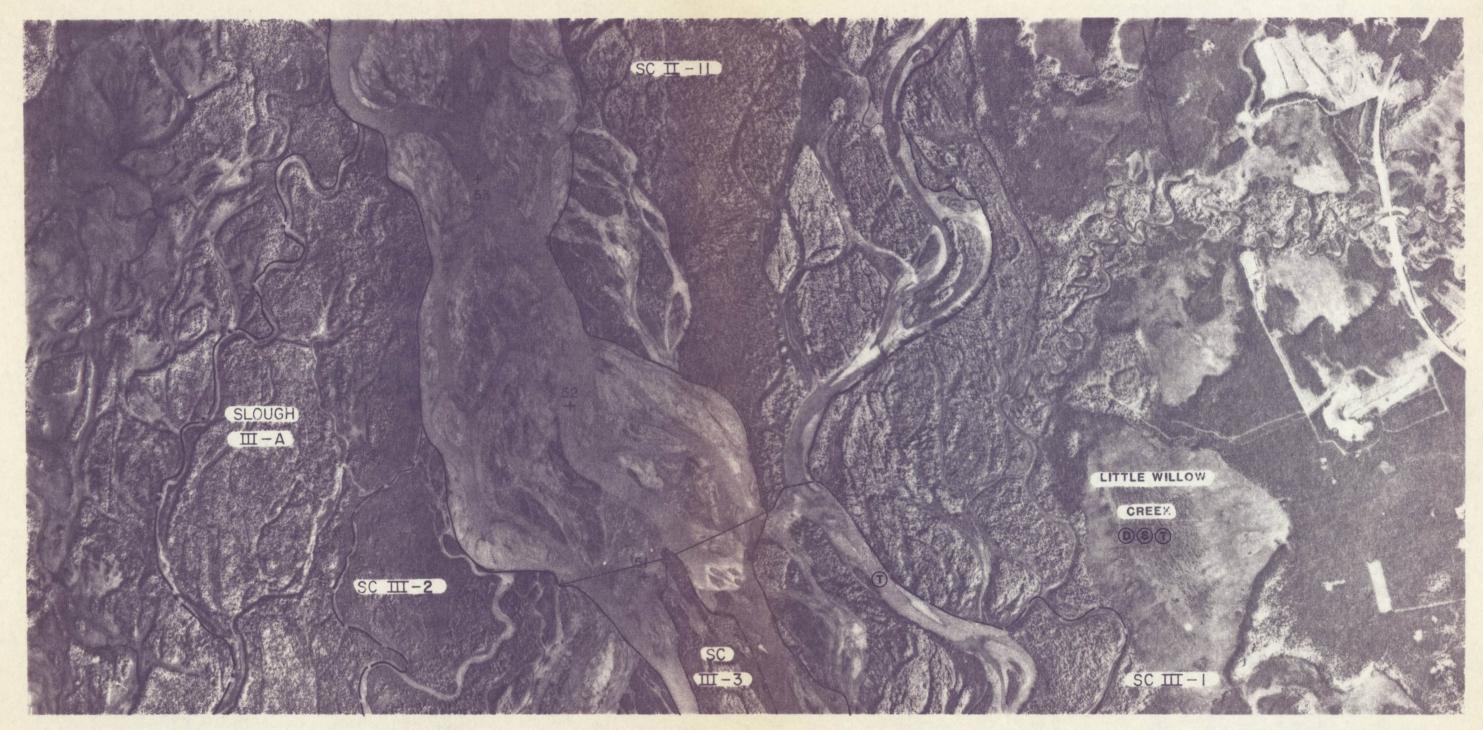
THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT. 16, 1983 SCALE . 1"= 2000' SHEET . 12 OF 28 DATE . 2-7-84





- CONTINUOUS DISCHARGE
- MISCELLANEOUS DISCHARGE
- STAGE
- (S) (WO)
 - WATER QUALITY
 - CONTINUOUS WATER TEMPERATURE
- 1
 - WATER TEMPERATURE
 - SUSPENDED SEDIMENT
- BEDLOAD
- BED MATERIAL
 - CROSS SECTION
 - THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT 16,1983 SCALE: 1"= 2000' SHEET: 13 OF 28 DATE: 2-7-84





CONTINUOUS DISCHARGE

MISCELLANEOUS DISCHARGE

3 STAGE

wo WATER QUALITY

CONTINUOUS WATER TEMPERATURE

WATER TEMPERATURE

SUSPENDED SEDIMENT

BEDLOAD

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CROSS SECTION

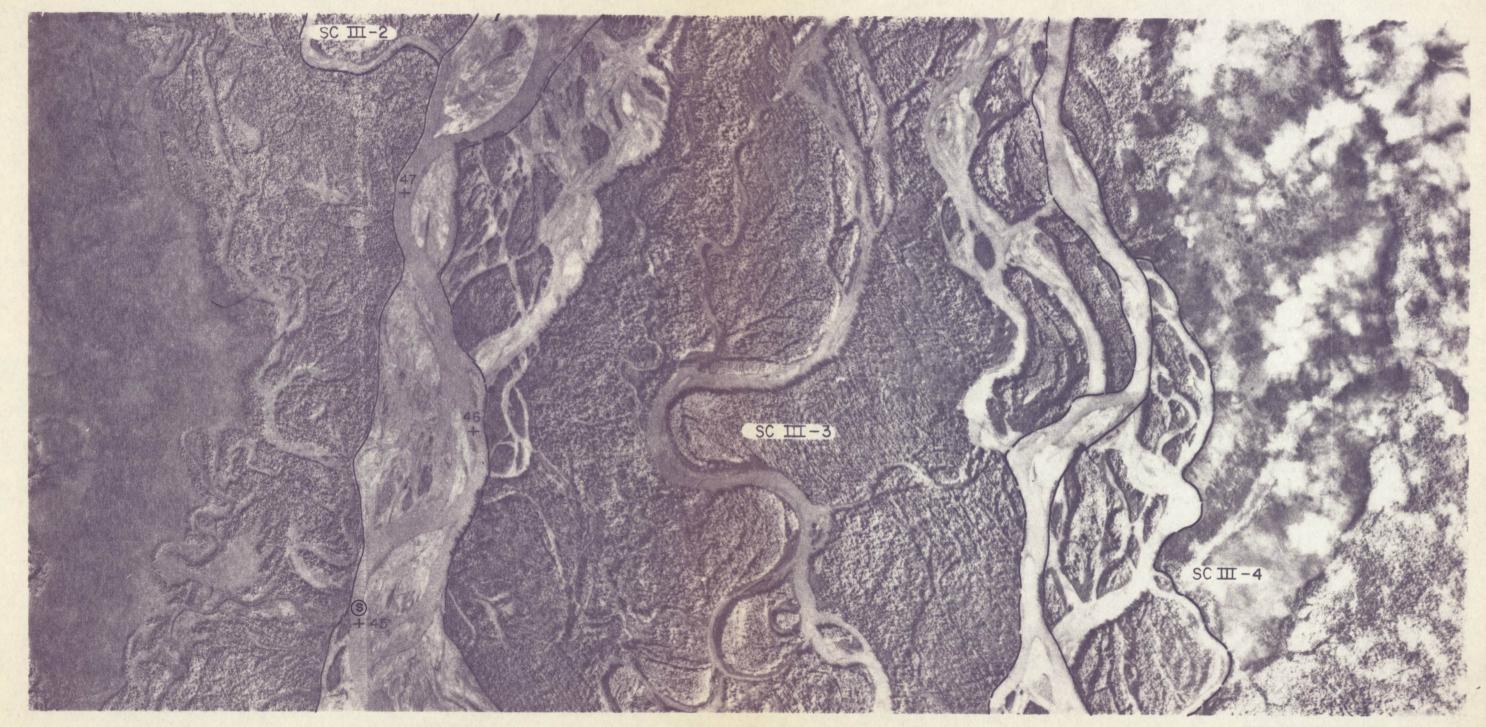
THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT.16,1983 SCALE: 1"= 2000' SHEET: 14 OF 28 DATE: 2-7-84





CONTINUOUS DISCHARGE

MISCELLANEOUS DISCHARGE

S

wo

STAGE

WATER QUALITY

T CONTINUOUS WATER TEMPERATURE

WATER TEMPERATURE

SUSPENDED SEDIMENT

BED MATERIAL

BEDLOAD

CROSS SECTION

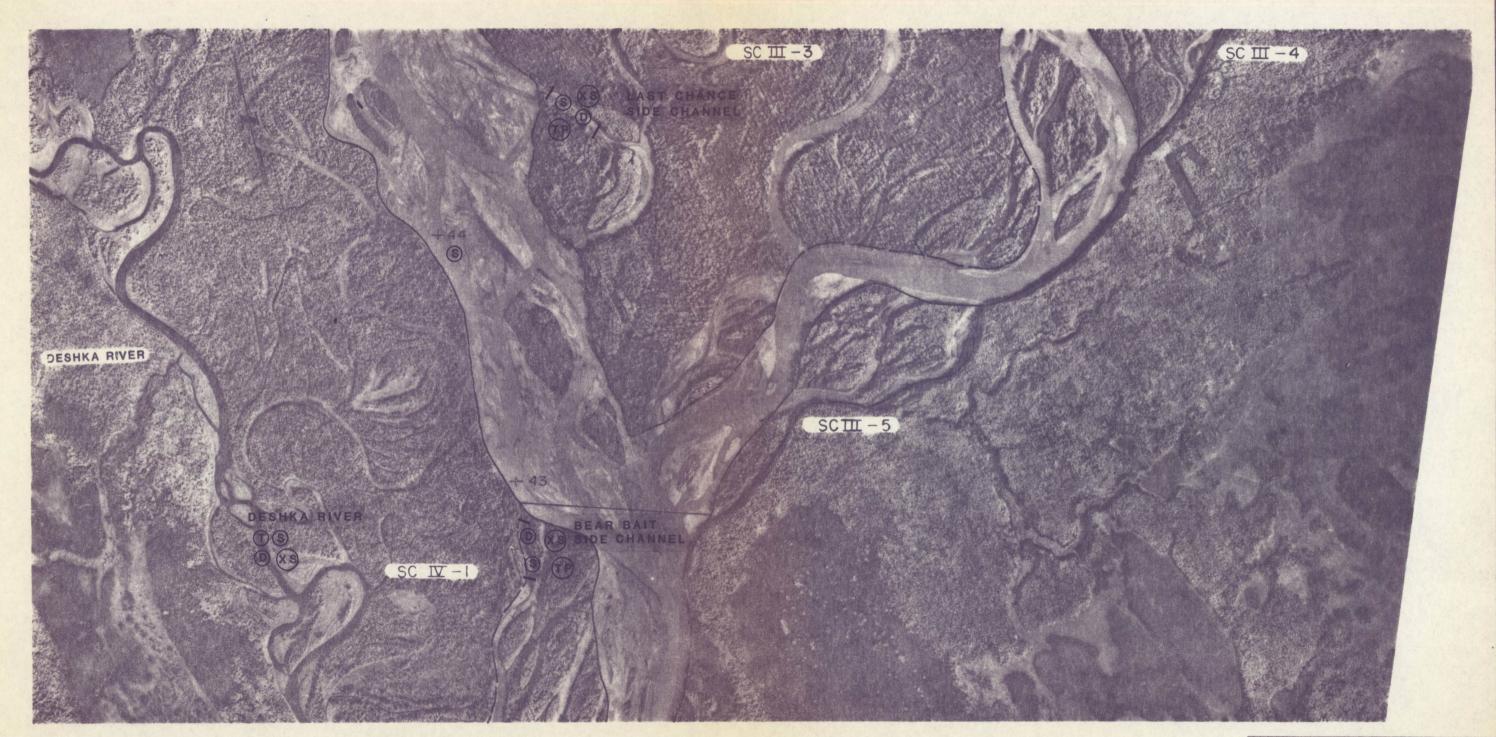
THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT 16, 1983 SCALE: 1"= 2000' SHEET: 15 OF 28 DATE: 2-7-84





- CONTINUOUS DISCHARGE
- 0 MISCELLANEOUS DISCHARGE
- S wo
 - STAGE
 - WATER QUALITY
- T CONTINUOUS WATER TEMPERATURE

WATER TEMPERATURE

SUSPENDED SEDIMENT

BED MATERIAL

BEDLOAD

CROSS SECTION

THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT 16,1983 SCALE 1"= 2000' SHEET: 16 OF 28 DATE: 2-7-84

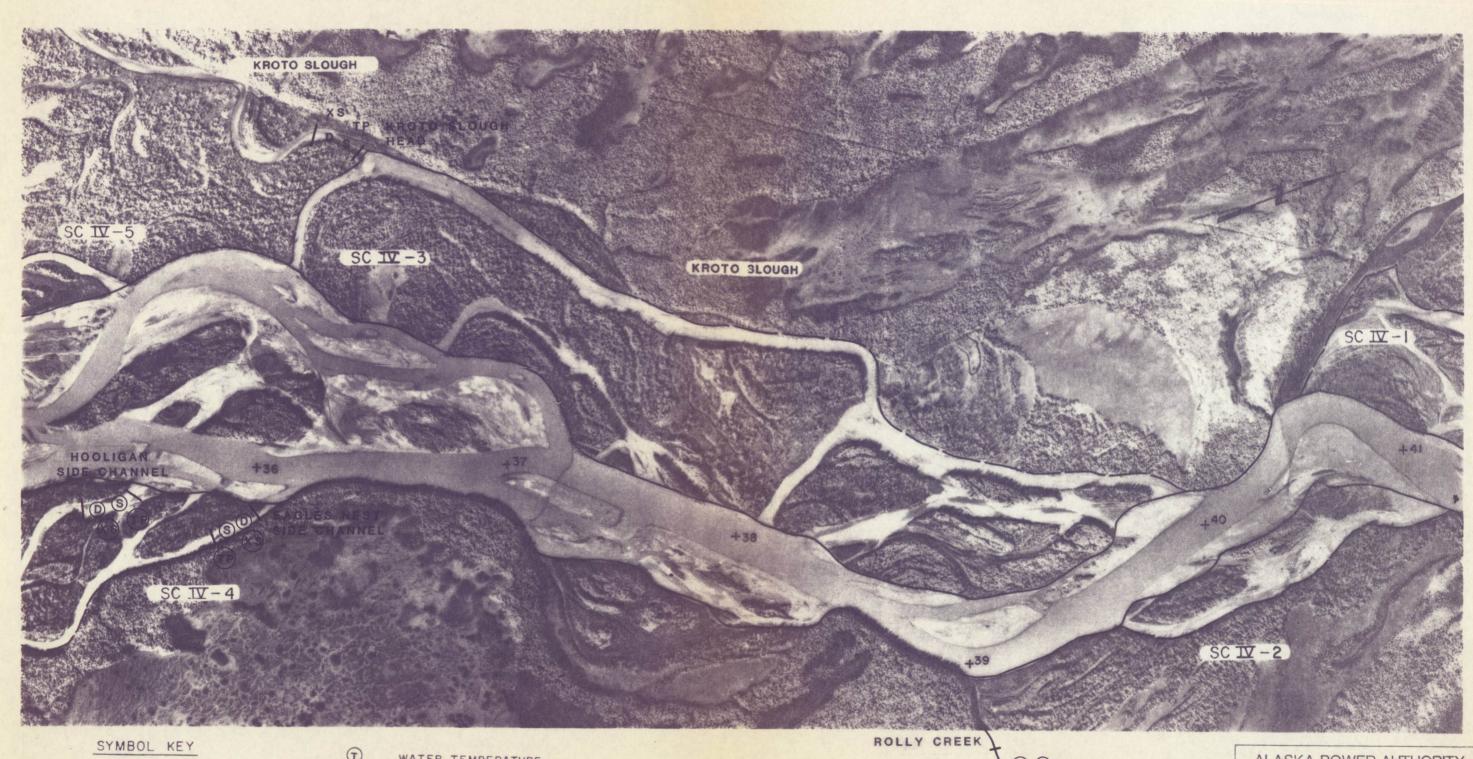




THALWEG PROFILE

CONTINUOUS WATER TEMPERATURE

HARIA-EBASCO



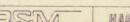
- CONTINUOUS DISCHARGE
- MISCELLANEOUS DISCHARGE
- S STAGE
- wo WATER QUALITY
- CONTINUOUS WATER TEMPERATURE
- - WATER TEMPERATURE
 - SUSPENDED SEDIMENT
 - BEDLOAD
 - BED MATERIAL
 - CROSS SECTION
- THALWEG PROFILE



ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT 16,1983 SCALE . 1"= 2000' SHEET: 18 OF 28 DATE: 2-7-84



HARZA-EBASCO



- D CONTINUOUS DISCHARGE
- MISCELLANEOUS DISCHARGE
- (S) (WO) STAGE
 - WATER QUALITY
- CONTINUOUS WATER TEMPERATURE

- WATER TEMPERATURE
- SUSPENDED SEDIMENT
- BEDLOAD
- BED MATERIAL
- CROSS SECTION
- THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT.16,1983 SCALE: 1"= 2000' SHEET: 19 OF 28 DATE: 2-7-84



HARZA-EBASCO



- CONTINUOUS DISCHARGE
 - MISCELLANEOUS DISCHARGE

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WATER QUALITY

CONTINUOUS WATER TEMPERATURE

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WATER TEMPERATURE SUSPENDED SEDIMENT

BEDLOAD

BED MATERIAL

SS BL M S P

CROSS SECTION

THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT.16,1983 SCALE: 1"= 2000' SHEET: 20 OF 28 DATE: 2-7-84





- CONTINUOUS DISCHARGE
- 0 MISCELLANEOUS DISCHARGE
- S STAGE
- wo WATER QUALITY
- CONTINUOUS WATER TEMPERATURE

- - WATER TEMPERATURE
 - SUSPENDED SEDIMENT
 - BEDLOAD
 - BED MATERIAL
 - CROSS SECTION
 - THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT.16,1983 SCALE: 1"= 2000' SHEET: 21 OF 28 DATE: 2-7-84





CONTINUOUS DISCHARGE

MISCELLANEOUS DISCHARGE

(3) STAGE

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WATER QUALITY

CONTINUOUS WATER TEMPERATURE

WATER TEMPERATURE

SUSPENDED SEDIMENT

BEDLOAD

BED MATERIAL

CROSS SECTION

THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT 16,1983 SCALE: 1"= 2000' SHEET: 22 OF 28 DATE: 2-7-84



HARZA-EBASCO



CONTINUOUS DISCHARGE

MISCELLANEOUS DISCHARGE

STAGE

(S) (W)

WATER QUALITY

CONTINUOUS WATER TEMPERATURE

WATER TEMPERATURE

SUSPENDED SEDIMENT

BEDLOAD

BED MATERIAL

CROSS SECTION

THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT 16,1983 SCALE: 1"= 2000' SHEET: 23 OF 28 DATE: 2-7-84





- D CONTINUOUS DISCHARGE
- MISCELLANEOUS DISCHARGE
- S STAGE
- WO WATER QUALITY
 - CONTINUOUS WATER TEMPERATURE

- (T) W
 - WATER TEMPERATURE
 SUSPENDED SEDIMENT
 -) BEDLOAD
- 6
- BED MATERIAL
- CROSS SECTION
 - THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT.16,1983 SCALE: 1"= 2000' SHEET: 24 OF 28 DATE: 2-7-84





D CONTINUOUS DISCHARGE

MISCELLANEOUS DISCHARGE

S STAGE

WO WATER QUALITY

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CONTINUOUS WATER TEMPERATURE

T SS BL BX XS

WATER TEMPERATURE
SUSPENDED SEDIMENT

BEDLOAD

BED MATERIAL

CROSS SECTION

THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT.16,1983 SCALE 1"= 2000' SHEET: 25 OF 28 DATE: 2-7-84



HARZA-EBASCO



CONTINUOUS DISCHARGE

0 MISCELLANEOUS DISCHARGE

(S) (WO) STAGE

WATER QUALITY

CONTINUOUS WATER TEMPERATURE

WATER TEMPERATURE SUSPENDED SEDIMENT

BEDLOAD

BED MATERIAL

CROSS SECTION

THALWEG PROFILE

ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT 16,1983
SCALE: 1"= 2000' SHEET: 26 OF 28
DATE: 2-7-84





CONTINUOUS DISCHARGE

0 MISCELLANEOUS DISCHARGE

(8) STAGE

WATER QUALITY

CONTINUOUS WATER TEMPERATURE

WATER TEMPERATURE

SUSPENDED SEDIMENT

SS BL BM XS

BEDLOAD

BED MATERIAL

CROSS SECTION

THALWEG PROFILE

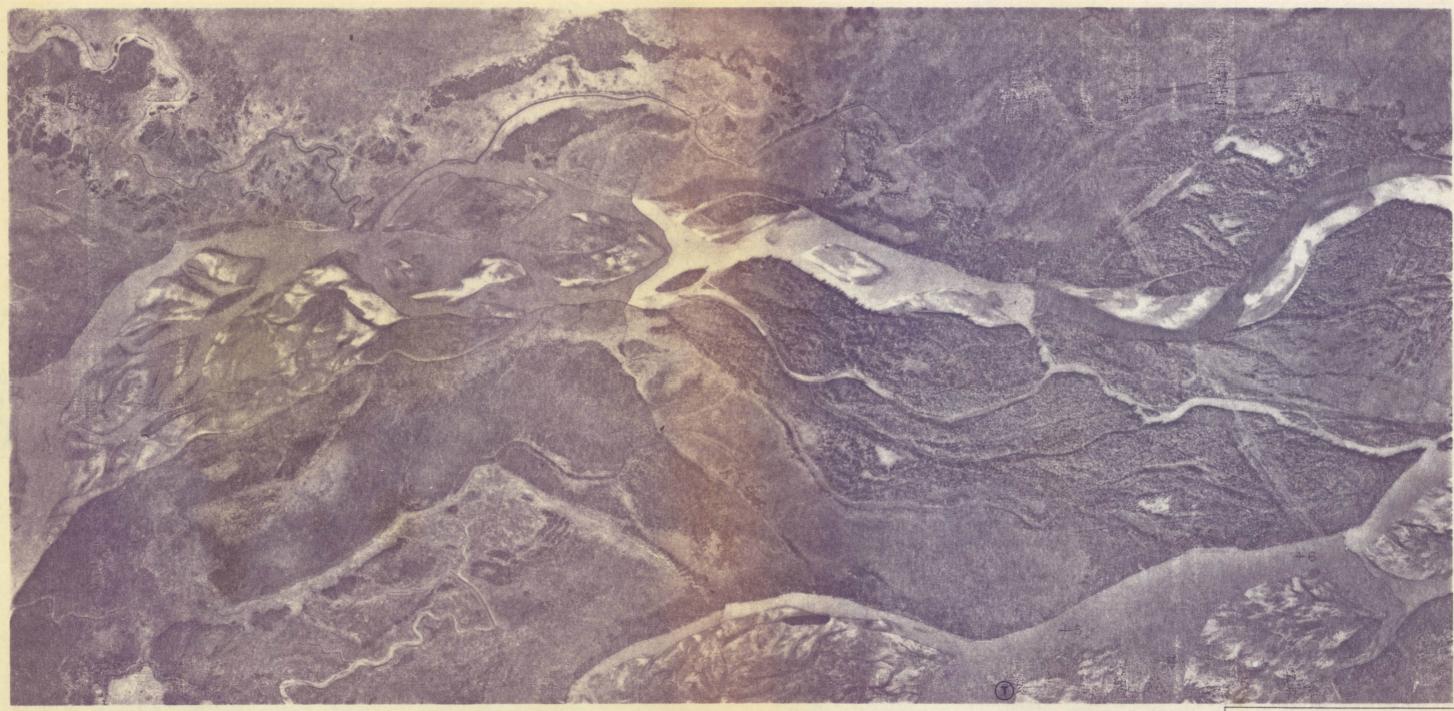
ALASKA POWER AUTHORITY SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT.16,1983 SCALE: 1"= 2000' SHEET: 27 OF 28 DATE: 2-7-84



HARIA-EBASCO



- D CONTINUOUS DISCHARGE
- D MISCELLANEOUS DISCHARGE
- S STAGE
- WO WATER QUALITY
- T CONTINUOUS, WATER TEMPERATURE

- T WATER TEMPERATURE
- SUSPENDED SEDIMENT
- BEDLOAD
 - BED MATERIAL
- CROSS SECTION
- THALWEG PROFILE

ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT

LOWER SUSITNA RIVER

DATE OF PHOTOGRAPHY SEPT.16,1983
SCALE: 1"= 2000' SHEET; 28 OF 28
DATE: 2-7-84



HARZA-EBASCO