HARZA-EBASCO
Susitna Joint Venture
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Susitna Joint Venture
Document Number
164

SUSITNA HYDROELECTRIC PROJECT

DRAFT

FERC LICENSE APPLICATION

EXHIBIT G

PROJECT MAPS

NOVEMBER 1982

Prepared by:

ACRES

ALASKA POWER AUTHORITY

DCNO 164

ALASKA POWER AUTHORITY

SUSITNA HYDROELECTRIC PROJECT

EXHIBIT G PLATE INDEX

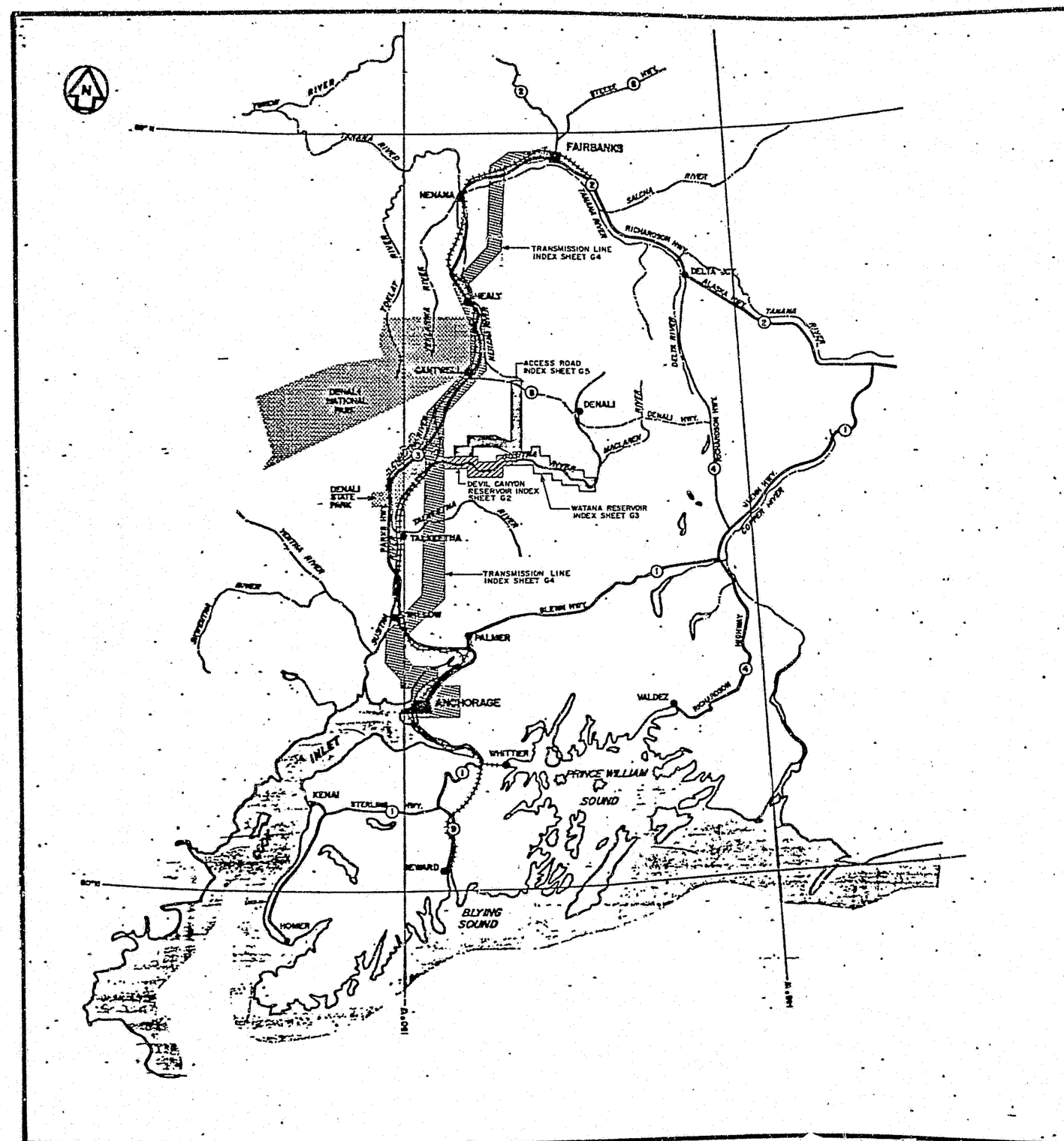
PLATE NO.	TITLE
G1	RAILBELT MAP INDEX
G2	DEVIL CANYON MAP INDEX
G3	WATANA MAP INDEX
G4	ACCESS ROAD MAP INDEX
G5	TRANSMISSION LINE MAP INDEX
G6 - G12	DEVIL CANYON PROJECT BOUNDARY MAPS
G13-G29	WATANA PROJECT BOUNDARY MAPS
G30-G52	TRANSMISSION LINE BOUNDARY MAPS
G53-G59	ACCESS ROAD BOUNDARY MAPS

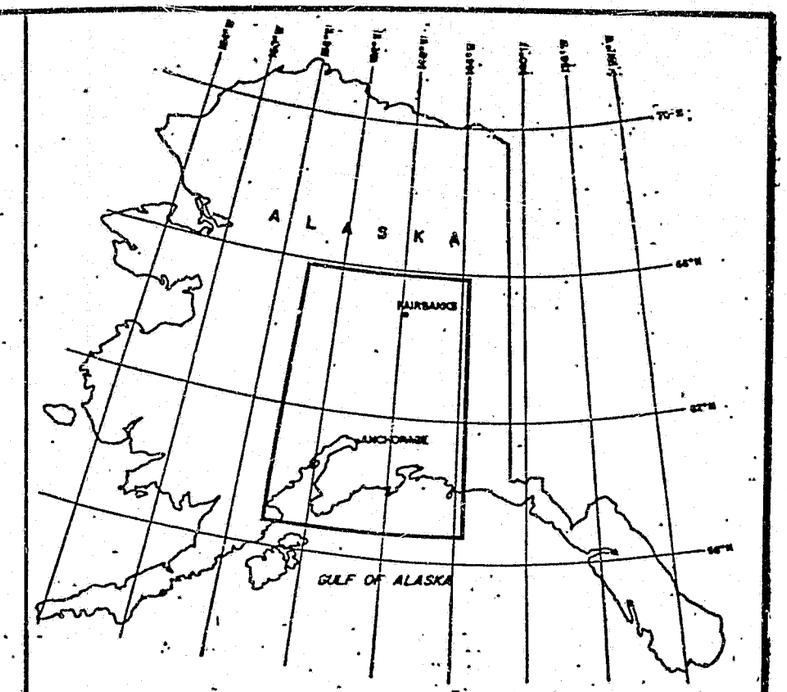
NOVEMBER 15, 1982 DRAFT

All Boundary Lines And Land Status Designations Herein Are Preliminary

- Metes And Bounds Descriptions Of The Transmission Line Sections On Plate Nos. G 30-35, G 39, G40, G 46-52 Will Be Added To The Final Version

- Contour Line Are Not On Sheets G 53-59





KEY MAP

LEGEND

- PRIMARY PAVED UNDIVIDED HIGHWAY
- SECONDARY PAVED UNDIVIDED HIGHWAY
- SECONDARY GRAVEL HIGHWAY
- RAILROAD
- RIVER

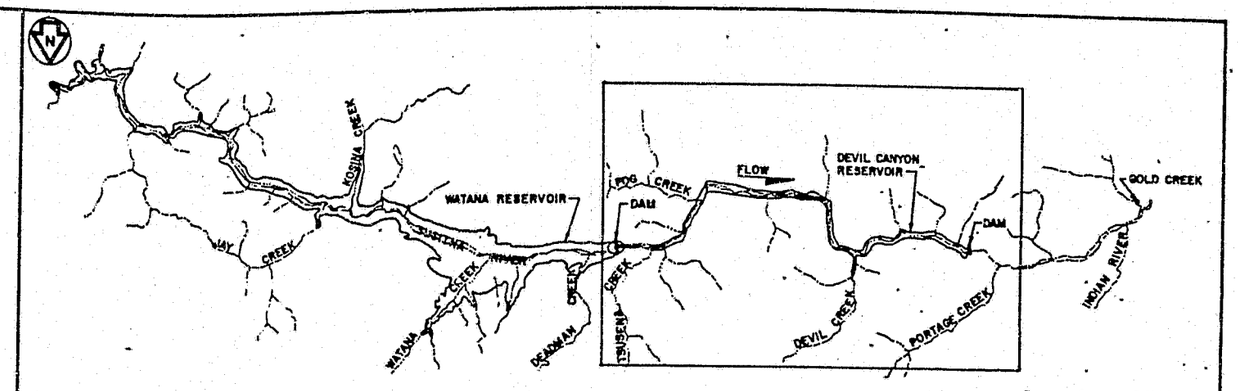
SCALE 0 20 40 MILES (1 INCH = 20 MILES)

ALASKA POWER AUTHORITY

SUSITNA HYDROELECTRIC PROJECT

RAILBELT MAP INDEX

EXHIBIT - G | PLATE G1

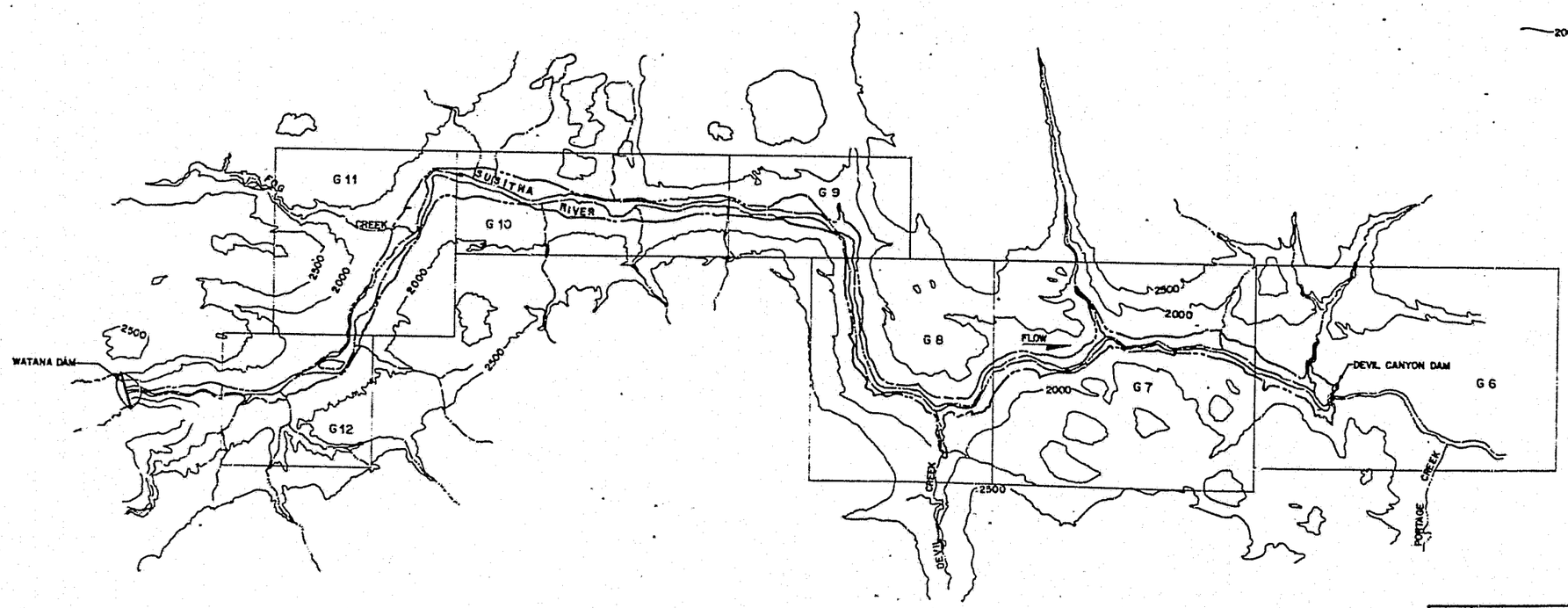


LOCATION MAP

LEGEND

NORMAL MAXIMUM OPERATING LEVEL EL. 1455

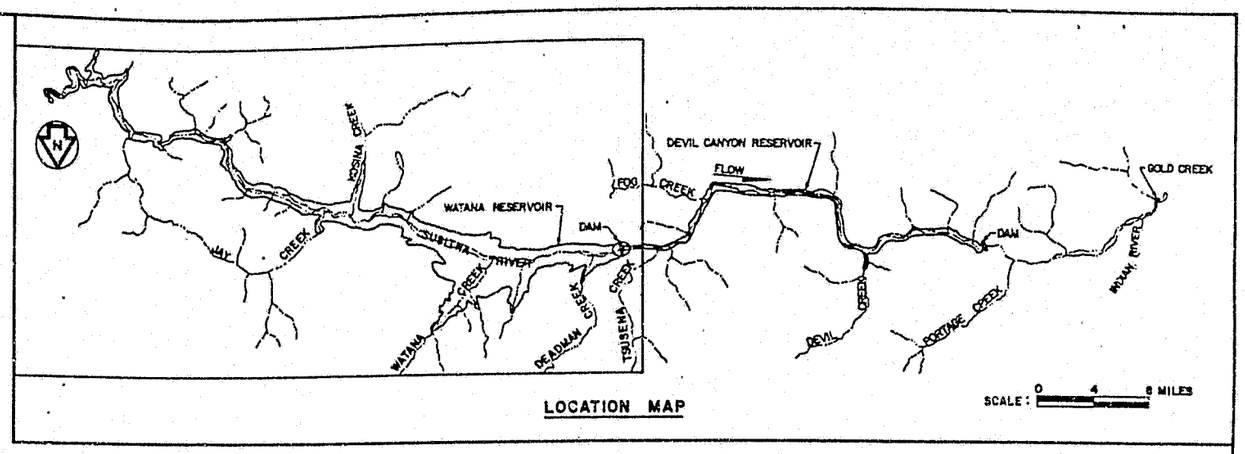
2000 CONTOUR IN FEET ABOVE MSL

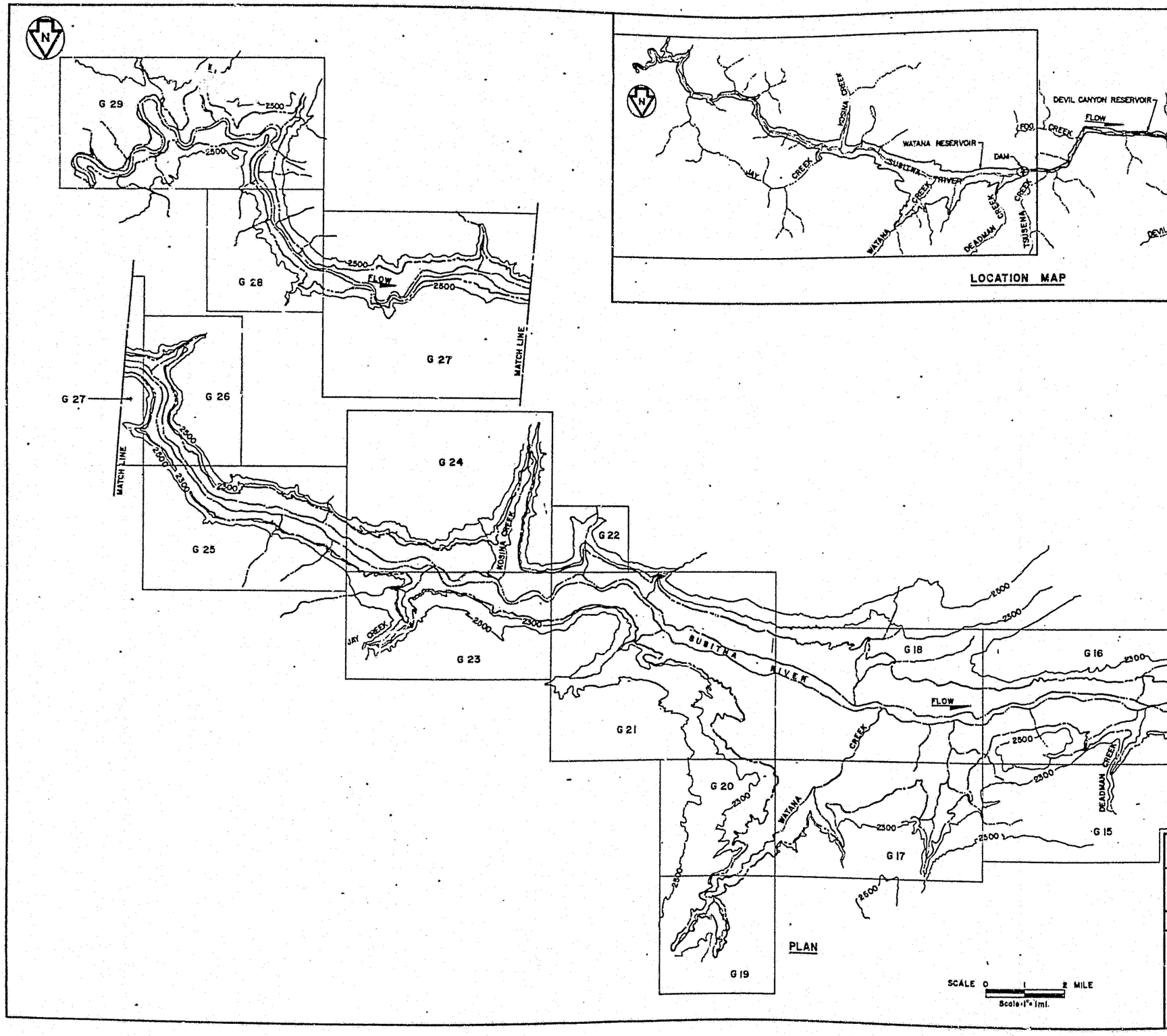


PLAN

SCALE 0 1 2 MILES
Scale: 1" = 1 mi.

ALASKA POWER AUTHORITY	
SUSITNA HYDROELECTRIC PROJECT	
DEVIL CANYON RESERVOIR INDEX MAP	
EXHIBIT G	PLATE G 2





LEGEND

NORMAL MAXIMUM OPERATING LEVEL EL. 2185'

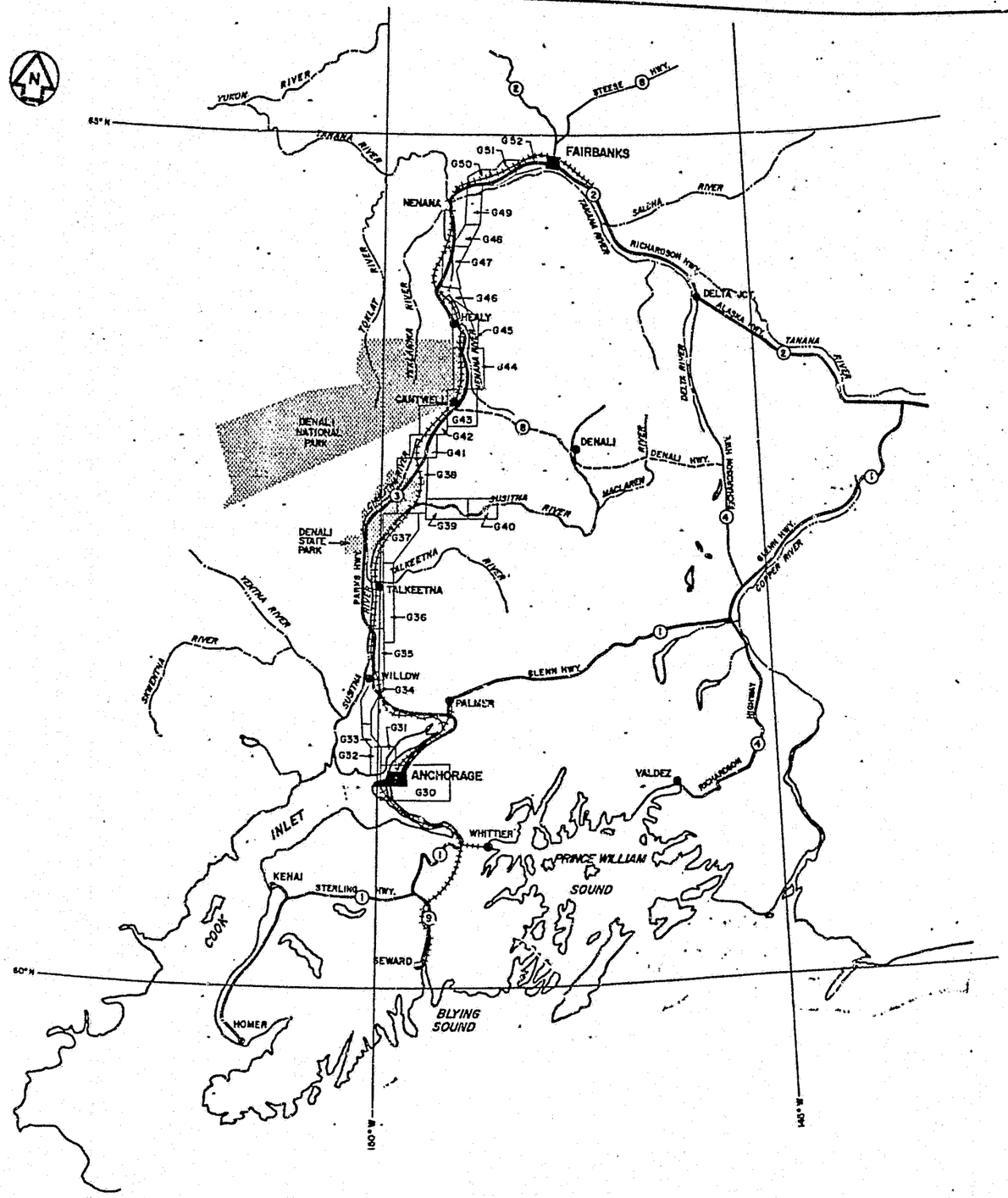
2300 — CONTOURS ARE IN FEET ABOVE MSL

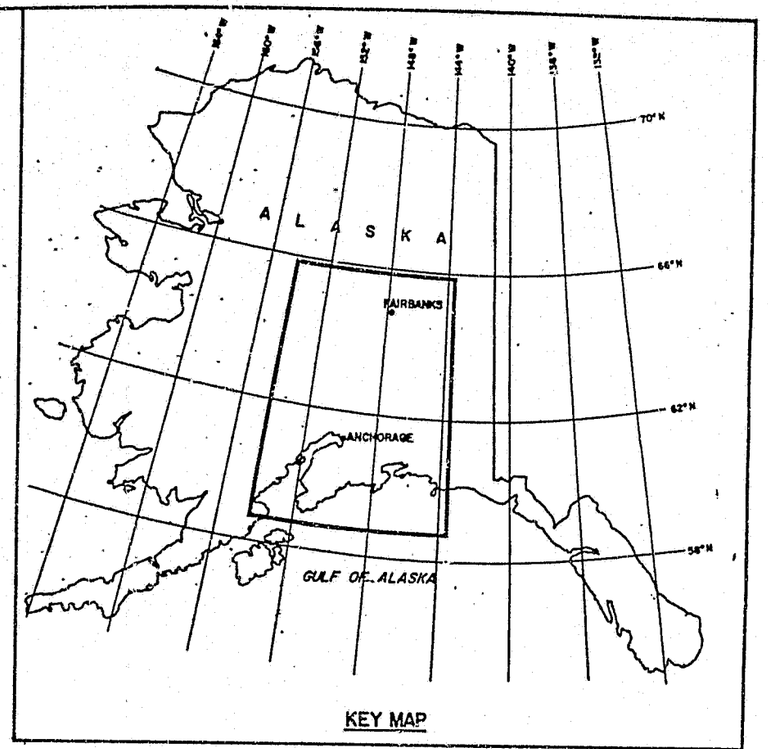
ALASKA POWER AUTHORITY

SUSITNA HYDROELECTRIC PROJECT

WATANA RESERVOIR
INDEX MAP

EXHIBIT G	PLATE G 3





KEY MAP

LEGEND

- PRIMARY PAVED UNDIVIDED HIGHWAY
- SECONDARY PAVED UNDIVIDED HIGHWAY
- SECONDARY GRAVEL HIGHWAY
- RAILROAD
- RIVER

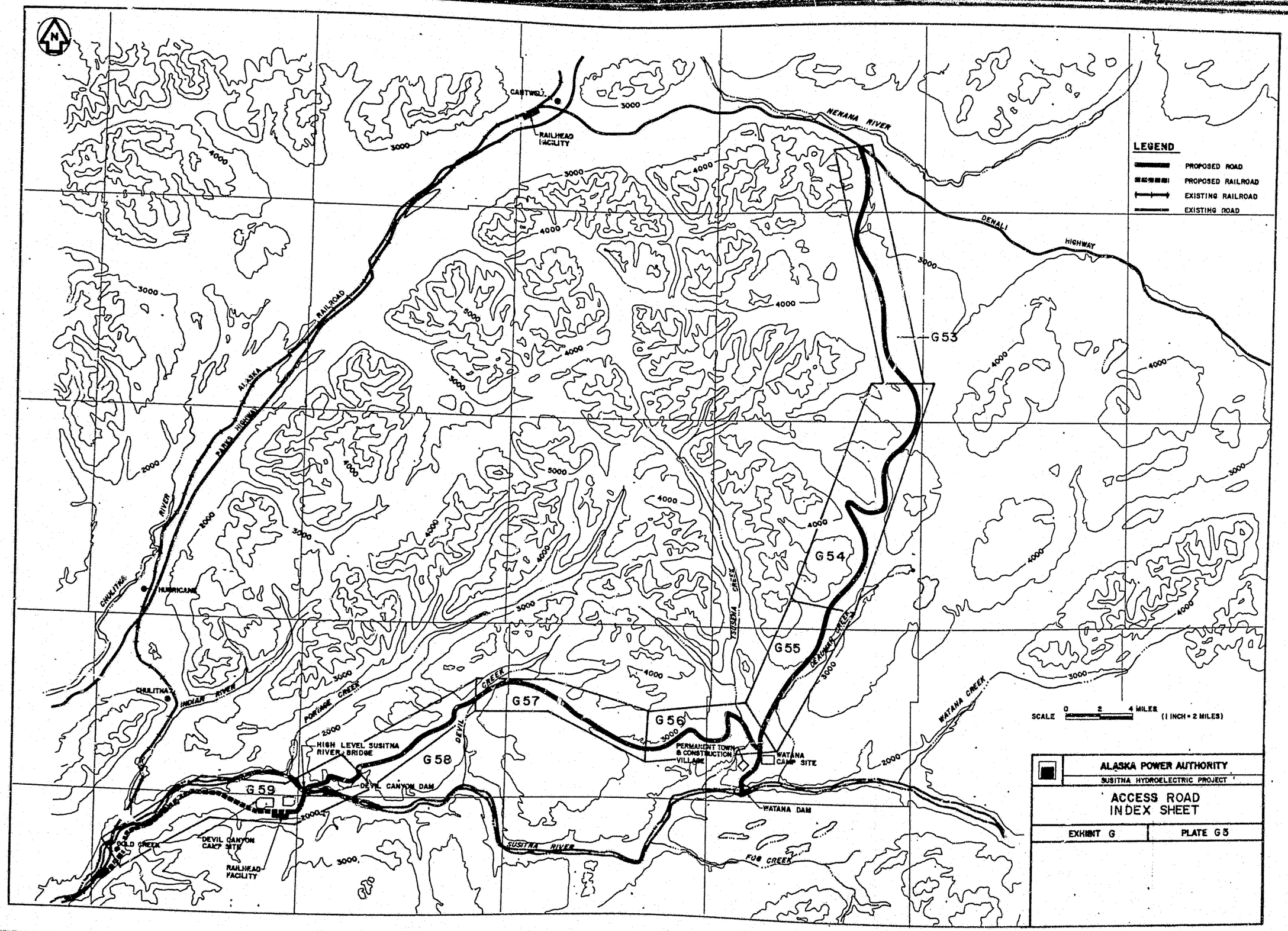
SCALE 0 20 40 MILES (1 INCH = 20 MILES)

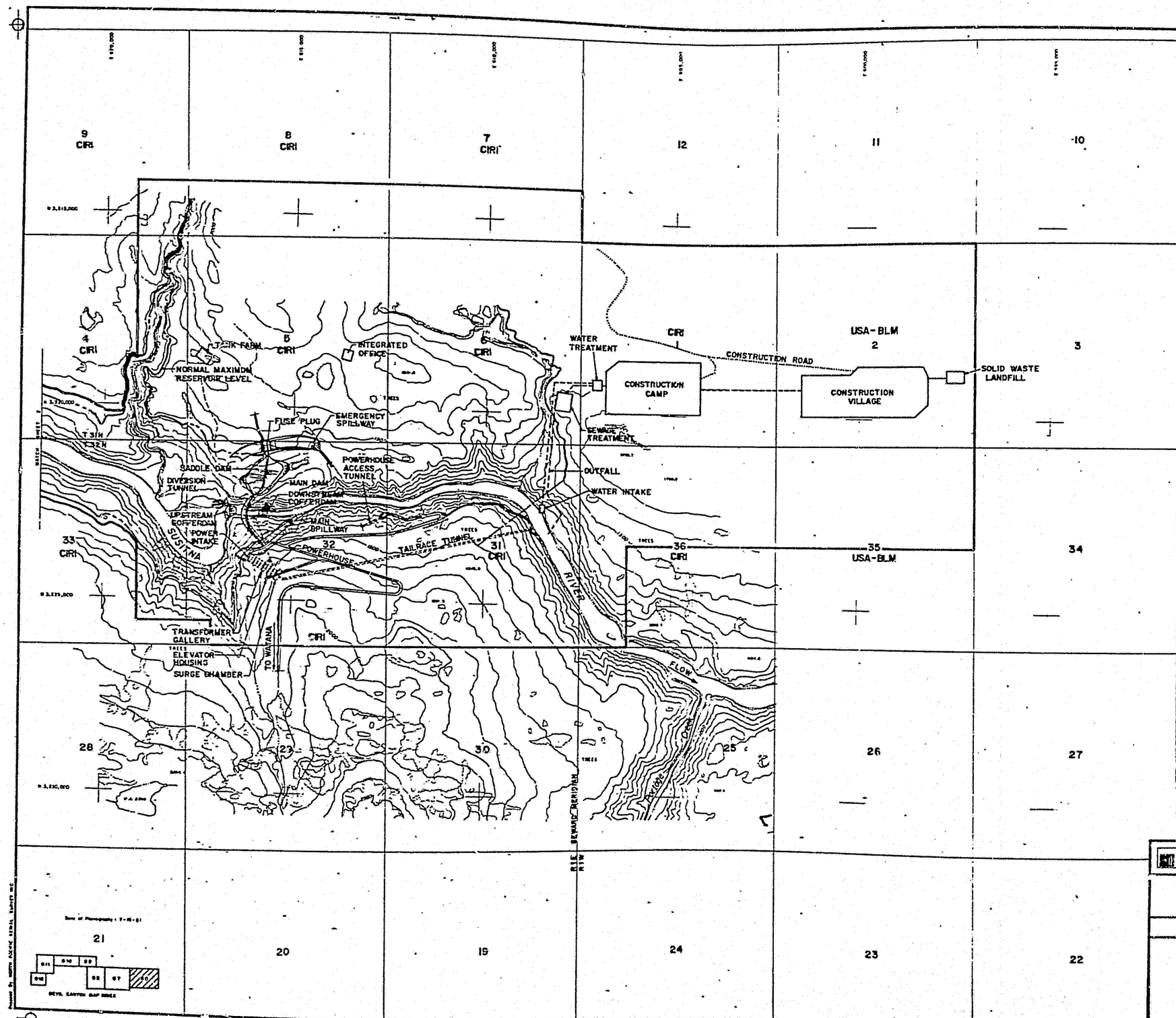
ALASKA POWER AUTHORITY

SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE INDEX MAP

EXHIBIT G	PLATE G4


LEGEND
PROPOSED ROAD
PROPOSED RAILROAD
EXISTING RAILROAD
EXISTING ROAD
SCALE 0 2 4 MILES (1 INCH = 2 MILES)
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
ACCESS ROAD
INDEX SHEET
EXHIBIT G
PLATE G5
CARTWELL
RAILHEAD FACILITY
NENANA RIVER
DENALI HIGHWAY
ALASKA RAILROAD
PARKS HIGHWAY
CHULITNA RIVER
HURRICANE
CHULITNA
INDIAN RIVER
PORTAGE CREEK
DEVIL CREEK
TSISENA CREEK
DEADMAN CREEK
WATANA CREEK
HIGH LEVEL SUSITNA RIVER BRIDGE
DEVIL CANYON DAM
PERMANENT TOWN & CONSTRUCTION VILLAGE
WATANA CAMP SITE
WATANA DAM
SUSITNA RIVER
FOG CREEK
GOLD CREEK
DEVIL CANYON CAMP SITE
RAILHEAD FACILITY
G53
G54
G55
G56
G57
G58
G59



BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 NAD LOCAL M.S.L. MEAN SEA LEVEL DATUM. ALL BEARING, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA

LEGEND

- PROJECT BOUNDARY
- NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 1455 MSL
- FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1500 MSL

LAND OWNERSHIP SCHEDULE

USA-BLM	— BUREAU OF LAND MANAGEMENT
AK	— STATE OF ALASKA
CIRI	— COOK INLET REGION, INC.
US ARMY	— UNITED STATES ARMY
USAF	— UNITED STATES AIR FORCE
MAT-SU	— MATANUSKA-SUSITNA BOROUGH
M OF ANC	— MUNICIPALITY OF ANCHORAGE

NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

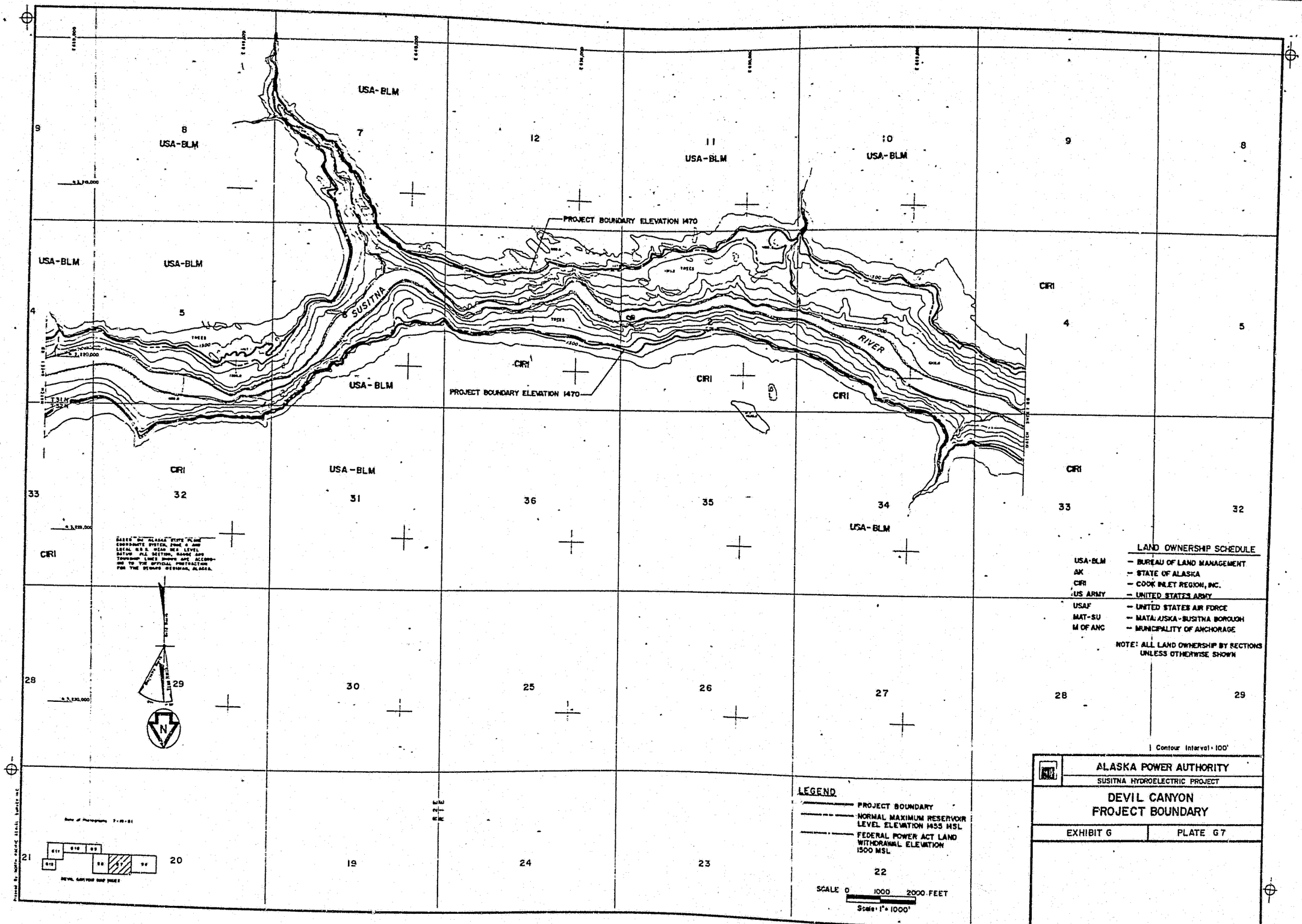
SCALE 0 1000 2000 FEET
Scale: 1" = 1000'

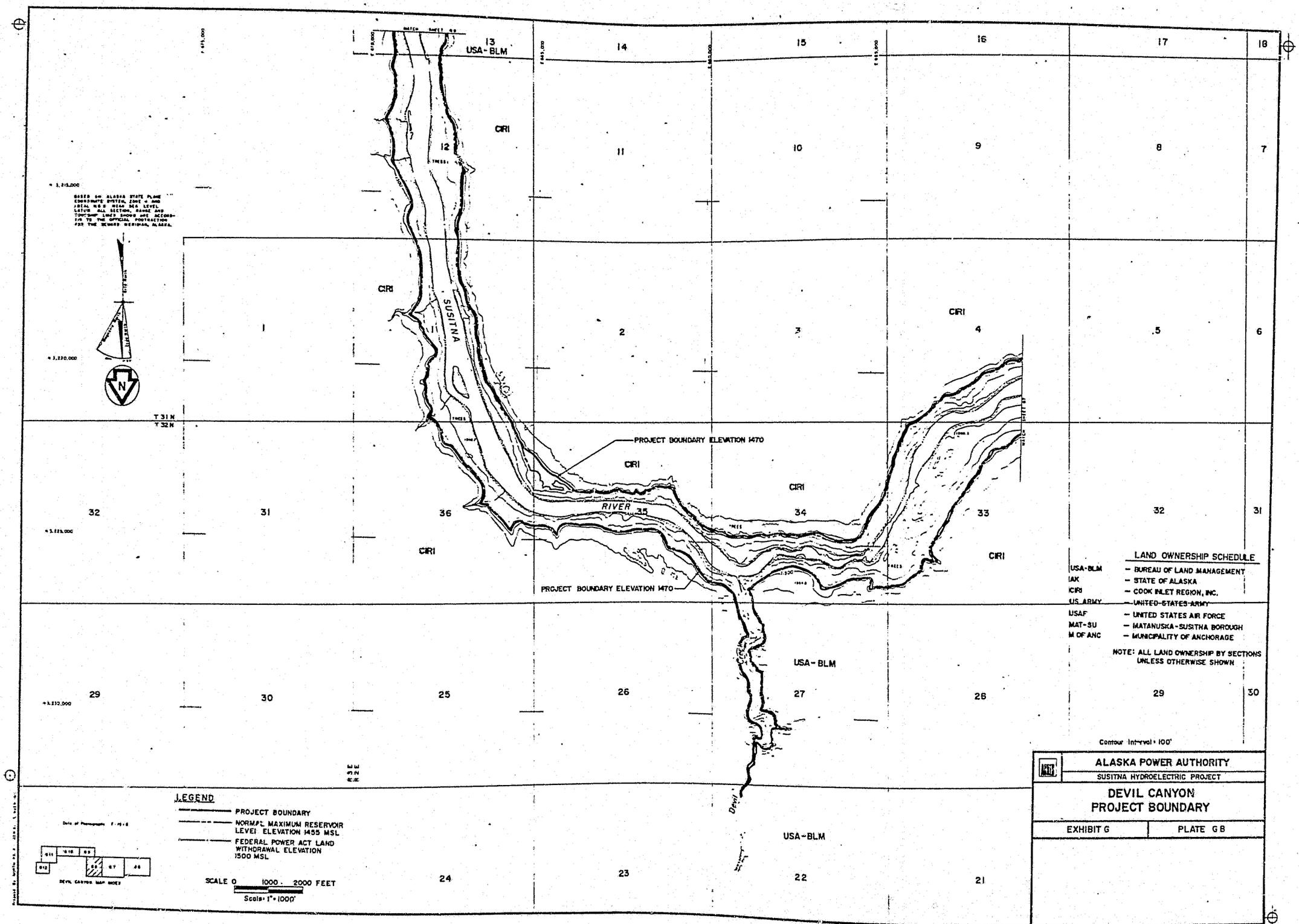
Contour Interval = 100'

ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT

DEVIL CANYON
PROJECT BOUNDARY

EXHIBIT G	PLATE G6


USA-BLM
CIRI
SUSITNA
RIVER
PROJECT BOUNDARY ELEVATION 1470
LAND OWNERSHIP SCHEDULE
USA-BLM — BUREAU OF LAND MANAGEMENT
AK — STATE OF ALASKA
CIRI — COOK INLET REGION, INC.
US ARMY — UNITED STATES ARMY
USAF — UNITED STATES AIR FORCE
MAT-SU — MATANUSKA-SUSITNA BOROUGH
M OF ANC — MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
Contour Interval = 100'
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 1455 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1500 MSL
SCALE 0 1000 2000 FEET
Scale: 1" = 1000'
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
DEVIL CANYON
PROJECT BOUNDARY
EXHIBIT G
PLATE G7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USA-BLM
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SUSITNA
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PROJECT BOUNDARY ELEVATION 1470
RIVER
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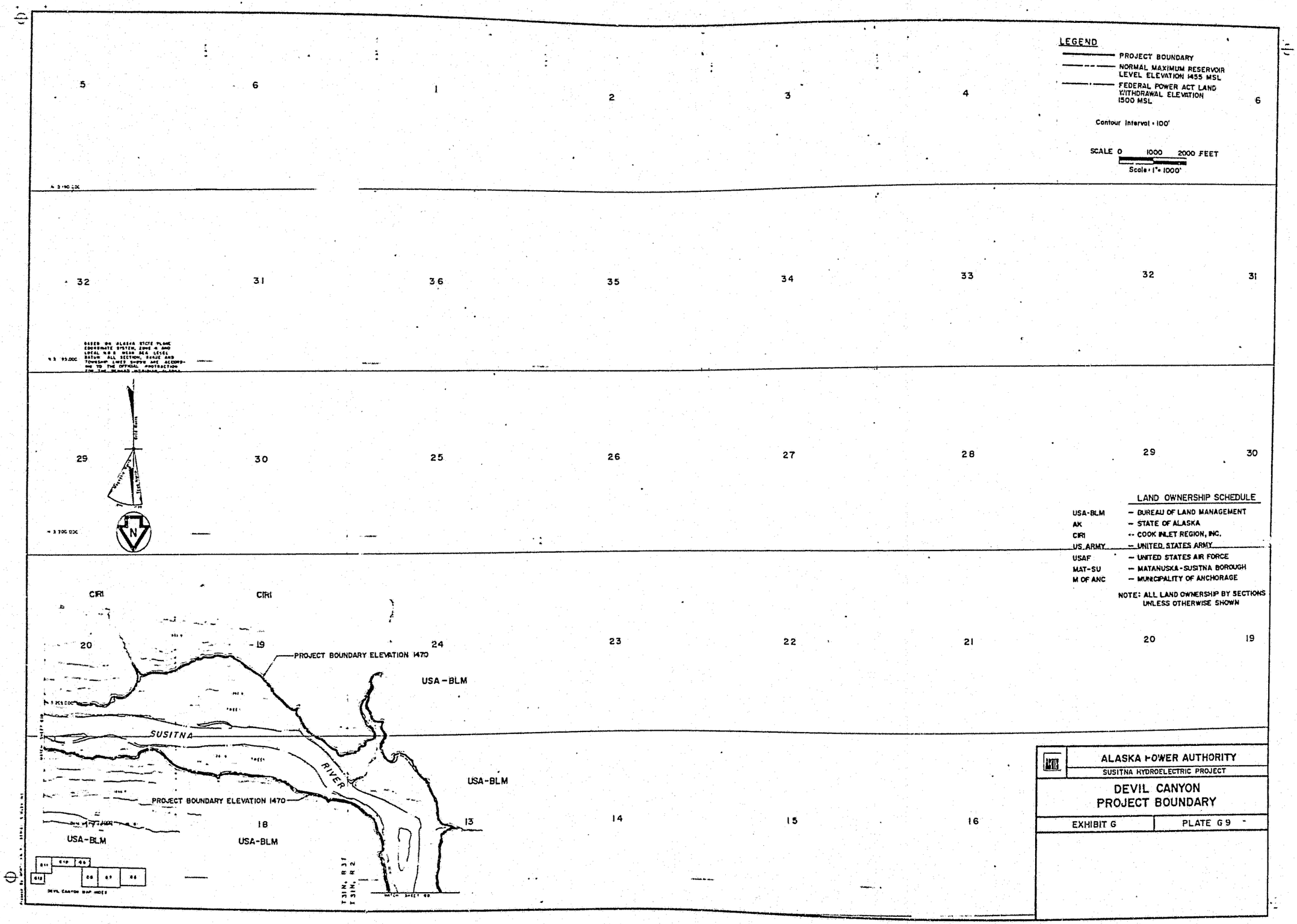
USA-BLM
Devil
LAND OWNERSHIP SCHEDULE
USA-BLM — BUREAU OF LAND MANAGEMENT
IAK — STATE OF ALASKA
CIRI — COOK INLET REGION, INC.
US ARMY — UNITED STATES ARMY
USAF — UNITED STATES AIR FORCE
MAT-SU — MATANUSKA-SUSITNA BOROUGH
M OF ANC — MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
Contour Interval = 100'
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 1455 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1500 MSL
SCALE 0 1000 2000 FEET
Scale: 1" = 1000'
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
DEVIL CANYON
PROJECT BOUNDARY
EXHIBIT G
PLATE G8


LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 1455 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1500 MSL
Contour Interval = 100'
SCALE 0 1000 2000 FEET
Scale = 1" = 1000'
LAND OWNERSHIP SCHEDULE
USA-BLM — BUREAU OF LAND MANAGEMENT
AK — STATE OF ALASKA
CIRI — COOK INLET REGION, INC.
US ARMY — UNITED STATES ARMY
USAF — UNITED STATES AIR FORCE
MAT-SU — MATANUSKA-SUSITNA BOROUGH
M OF ANC — MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
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CIRI
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PROJECT BOUNDARY ELEVATION 1470
USA-BLM
SUSITNA
RIVER
USA-BLM
PROJECT BOUNDARY ELEVATION 1470
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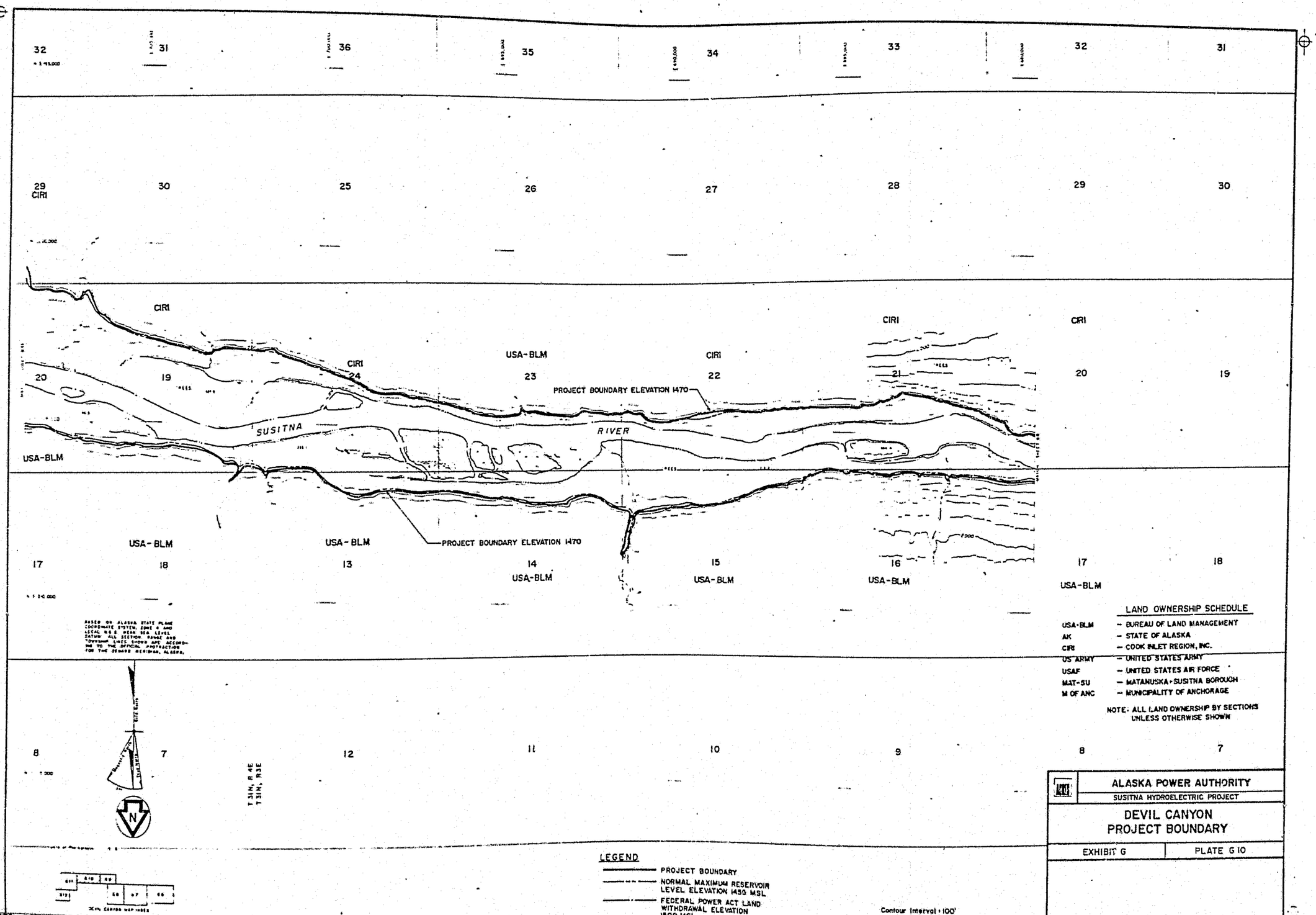
USA-BLM
USA-BLM
T31N, R3E
T31N, R2
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
DEVIL CANYON
PROJECT BOUNDARY
EXHIBIT G
PLATE G 9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USA-BLM
CIRI
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PROJECT BOUNDARY ELEVATION 1470
SUSITNA
RIVER
USA-BLM
USA-BLM
USA-BLM
PROJECT BOUNDARY ELEVATION 1470
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USA-BLM
USA-BLM
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T 31N, R 4E
T 31N, R 3E
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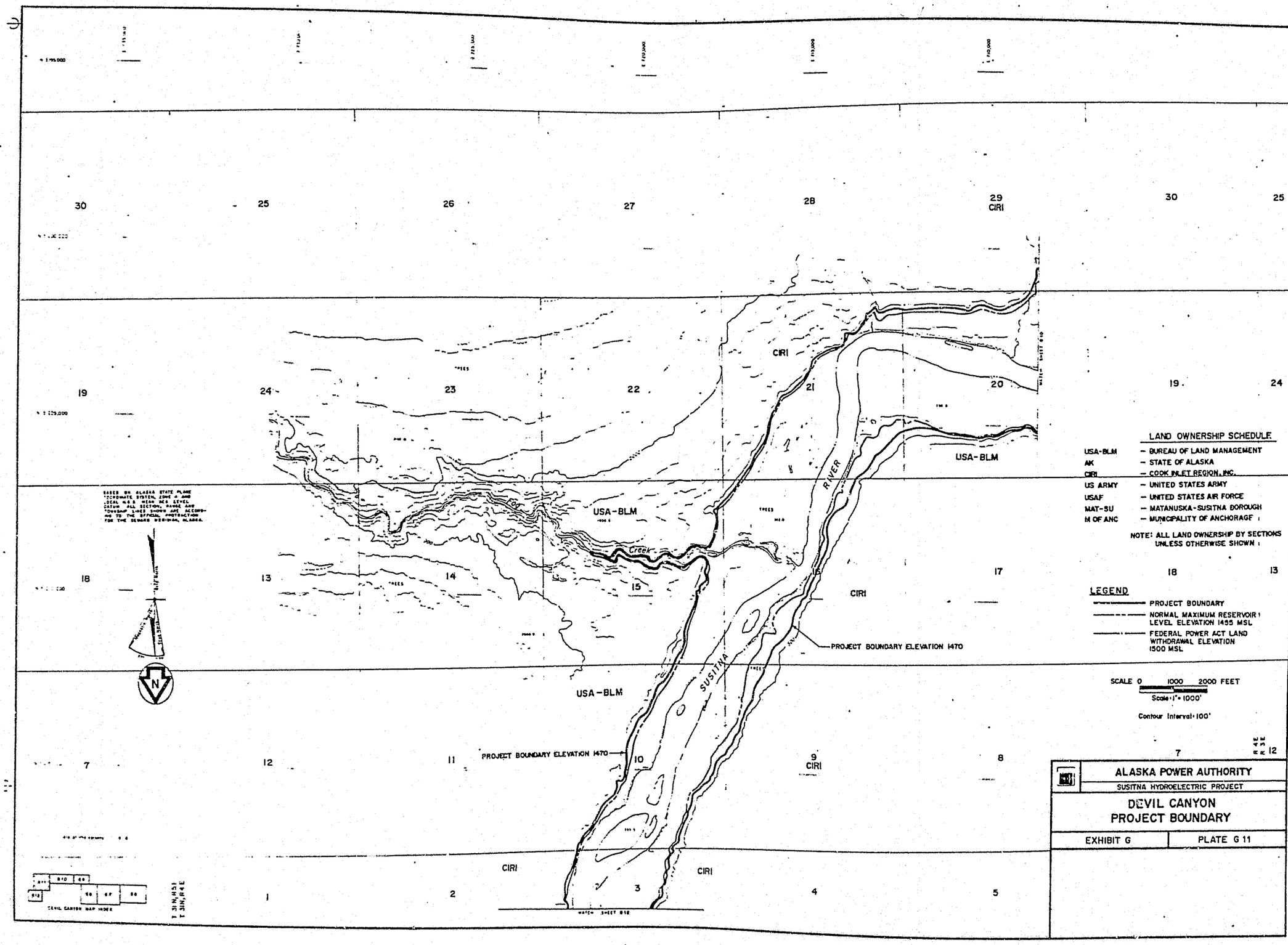
LAND OWNERSHIP SCHEDULE
USA-BLM - BUREAU OF LAND MANAGEMENT
AK - STATE OF ALASKA
CIRI - COOK INLET REGION, INC.
US ARMY - UNITED STATES ARMY
USAF - UNITED STATES AIR FORCE
MAT-SU - MATANUSKA-SUSITNA BOROUGH
M OF ANC - MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 1455 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1500 MSL
Contour Interval = 100'
SCALE 0 1000 2000 FEET
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
DEVIL CANYON
PROJECT BOUNDARY
EXHIBIT G
PLATE G 10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CIRI
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CIRI
USA-BLM
USA-BLM
Fog
Creek
RIVER
SUSITNA
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CIRI
PROJECT BOUNDARY ELEVATION 1470
USA-BLM
PROJECT BOUNDARY ELEVATION 1470
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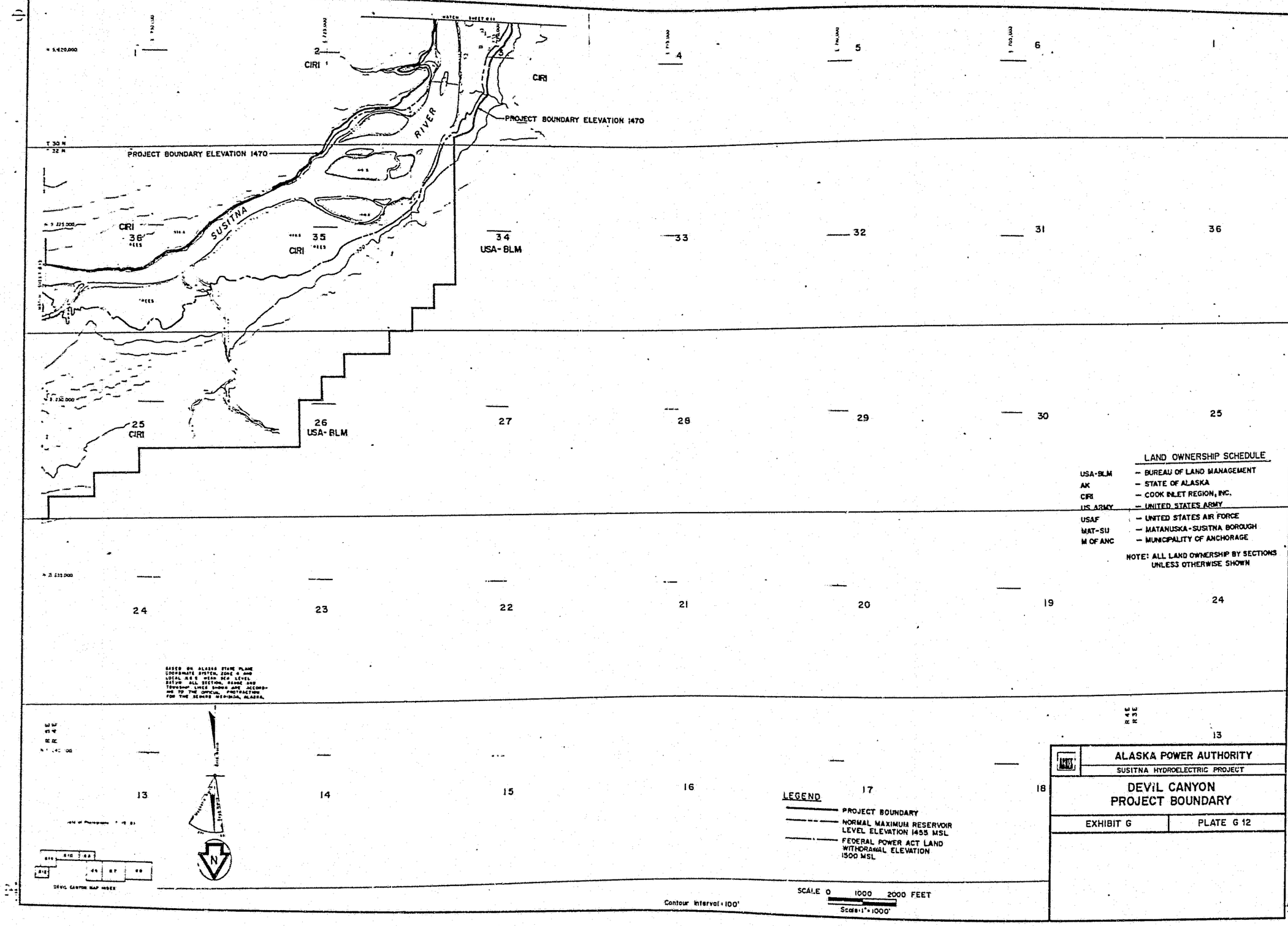
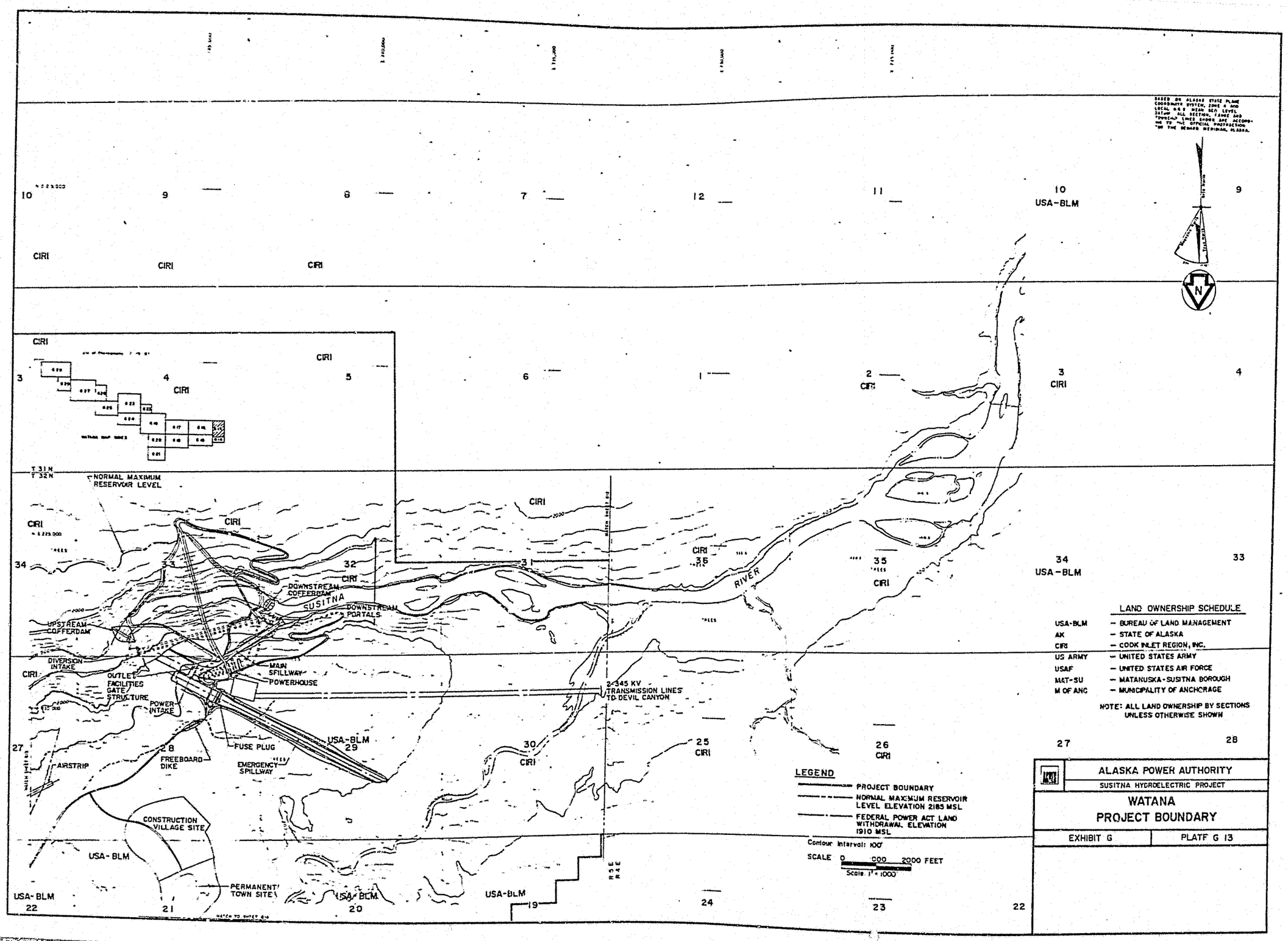
LAND OWNERSHIP SCHEDULE
USA-BLM – BUREAU OF LAND MANAGEMENT
AK – STATE OF ALASKA
CIRI – COOK INLET REGION, INC.
US ARMY – UNITED STATES ARMY
USAF – UNITED STATES AIR FORCE
MAT-SU – MATANUSKA-SUSITNA BOROUGH
M OF ANC – MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 1455 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1500 MSL
SCALE 0 1000 2000 FEET
Scale: 1" = 1000'
Contour Interval: 100'
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
DEVIL CANYON
PROJECT BOUNDARY
EXHIBIT G
PLATE G 11


PROJECT BOUNDARY ELEVATION 1470
PROJECT BOUNDARY ELEVATION 1470
SUSITNA
RIVER
CIRI
USA-BLM
LAND OWNERSHIP SCHEDULE
USA-BLM – BUREAU OF LAND MANAGEMENT
AK – STATE OF ALASKA
CIRI – COOK INLET REGION, INC.
US ARMY – UNITED STATES ARMY
USAF – UNITED STATES AIR FORCE
MAT-SU – MATANUSKA-SUSITNA BOROUGH
M OF ANC – MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 1455 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1500 MSL
SCALE 0 1000 2000 FEET
Scale: 1" = 1000'
Contour Interval = 100'
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
DEVIL CANYON PROJECT BOUNDARY
EXHIBIT G
PLATE G 12


BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL M.S.L. MEAN SEA LEVEL DATUM. ALL SECTION, TOWNSHIP AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA.
N
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T 32 N
NORMAL MAXIMUM RESERVOIR LEVEL
DOWNSTREAM COFFERDAM
SUSITNA
RIVER
DOWNSTREAM PORTALS
UPSTREAM COFFERDAM
DIVERSION INTAKE
OUTLET FACILITIES GATE STRUCTURE
POWER INTAKE
MAIN SPILLWAY
POWERHOUSE
2-345 KV TRANSMISSION LINES TO DEVIL CANYON
FUSE PLUG
FREEBOARD DIKE
EMERGENCY SPILLWAY
AIRSTRIP
CONSTRUCTION VILLAGE SITE
PERMANENT TOWN SITE
R 5 E
R 4 E
LAND OWNERSHIP SCHEDULE
USA-BLM — BUREAU OF LAND MANAGEMENT
AK — STATE OF ALASKA
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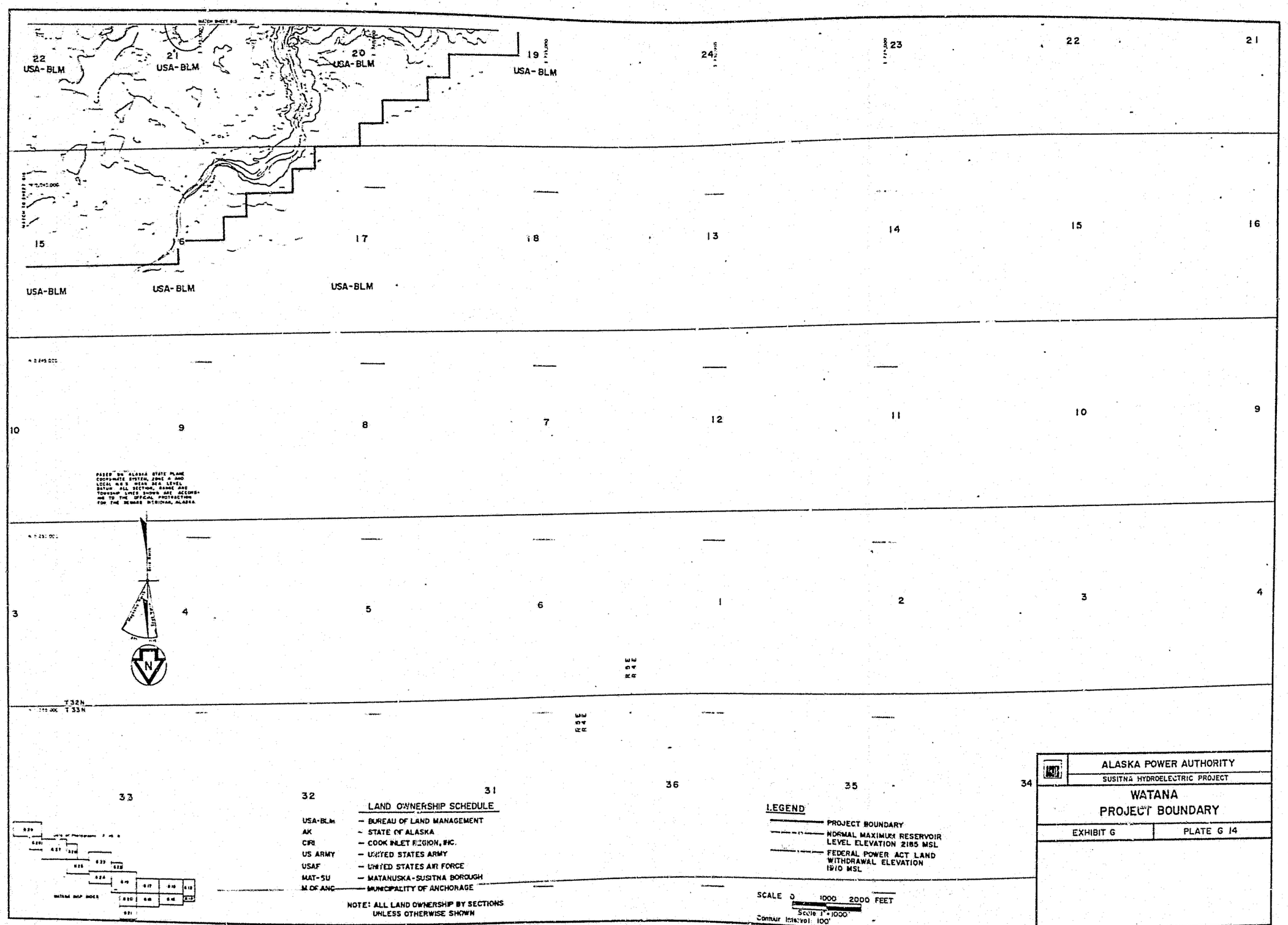
US ARMY — UNITED STATES ARMY
USAF — UNITED STATES AIR FORCE
MAT-SU — MATANUSKA-SUSITNA BOROUGH
M OF ANC — MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1910 MSL
Contour Interval: 100'
SCALE 0 1000 2000 FEET
Scale 1" = 1000'
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
WATANA
PROJECT BOUNDARY
EXHIBIT G
PLATE G 13


22
USA-BLM
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T33N
R5E
R4E
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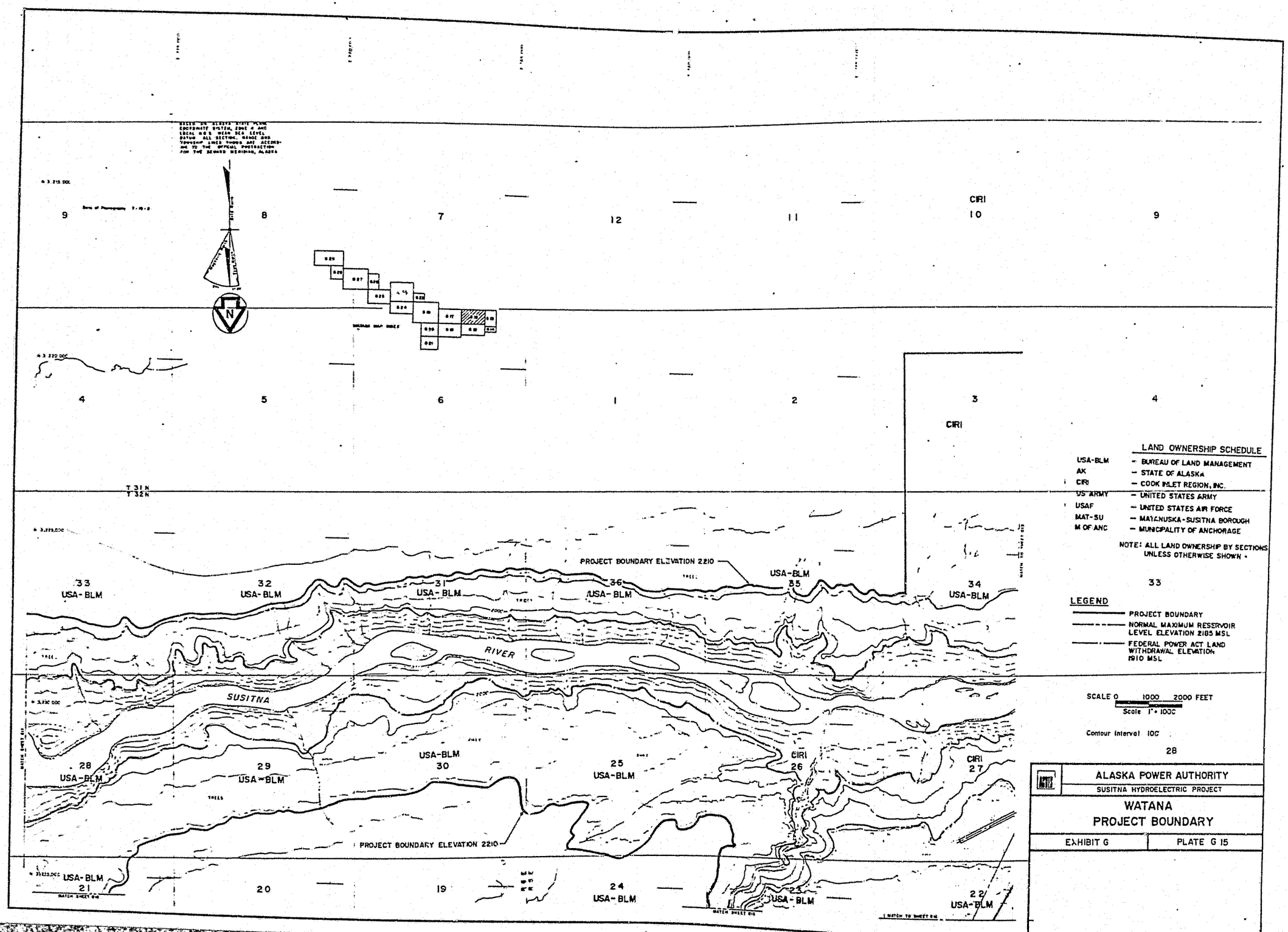
LAND OWNERSHIP SCHEDULE
USA-BLM — BUREAU OF LAND MANAGEMENT
AK — STATE OF ALASKA
CIRI — COOK INLET REGION, INC.
US ARMY — UNITED STATES ARMY
USAF — UNITED STATES AIR FORCE
MAT-SU — MATANUSKA-SUSITNA BOROUGH
M OF ANC — MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1910 MSL
SCALE 0 1000 2000 FEET
Scale 1" = 1000'
Contour Interval: 100'
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
WATANA
PROJECT BOUNDARY
EXHIBIT G
PLATE G 14


BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL M.S.L. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA
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T 31 N
T 32 N
PROJECT BOUNDARY ELEVATION 2210
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USA-BLM
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USA-BLM
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USA-BLM
RIVER
SUSITNA
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USA-BLM
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USA-BLM
USA-BLM
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25
USA-BLM
CIRI
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CIRI
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PROJECT BOUNDARY ELEVATION 2210
USA-BLM
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USA-BLM
USA-BLM
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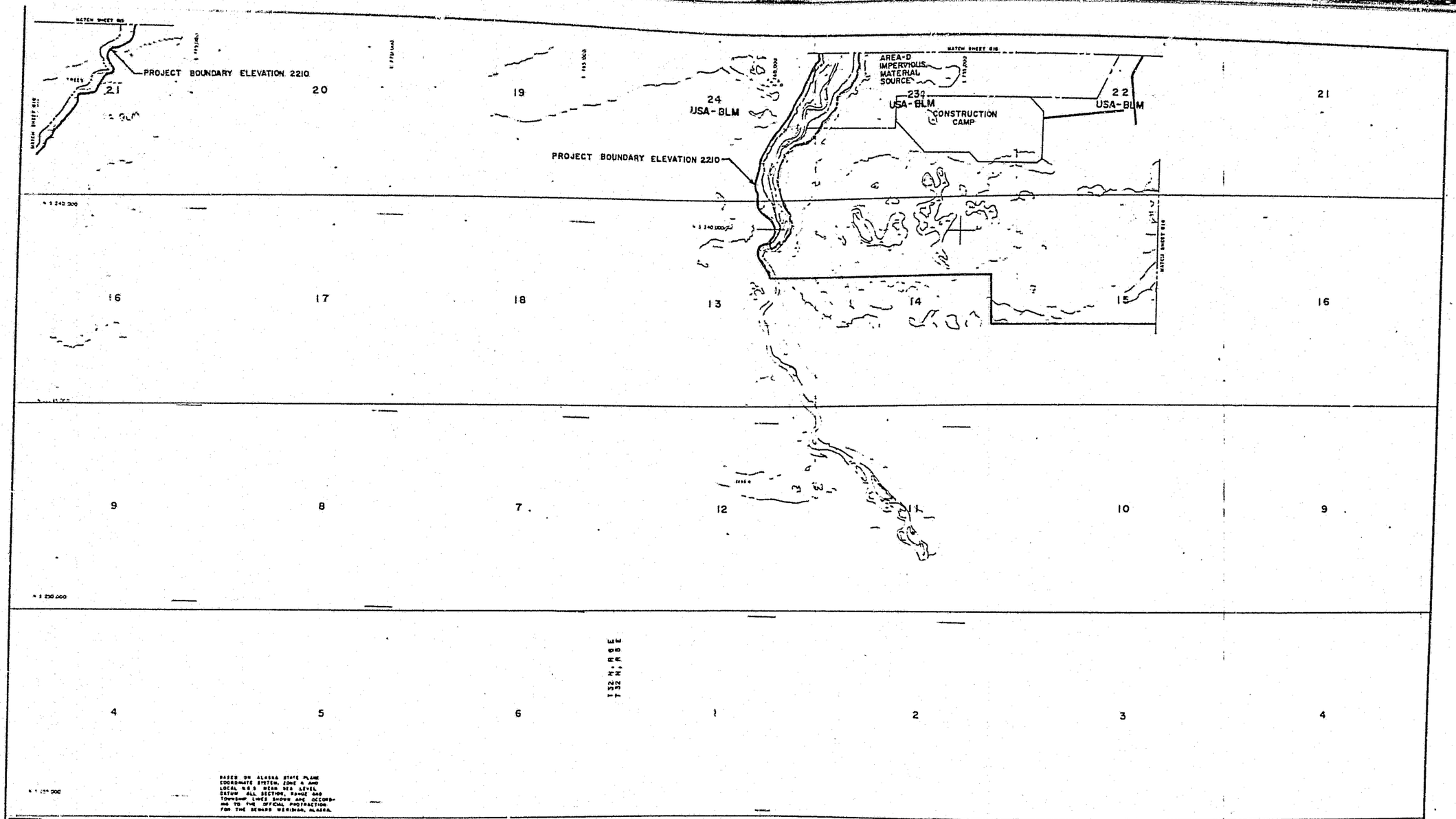
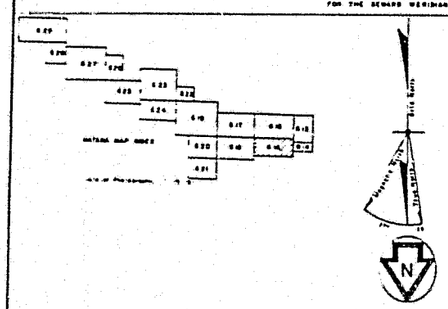
USA-BLM
LAND OWNERSHIP SCHEDULE
USA-BLM - BUREAU OF LAND MANAGEMENT
AK - STATE OF ALASKA
CIRI - COOK INLET REGION, INC.
US ARMY - UNITED STATES ARMY
USAF - UNITED STATES AIR FORCE
MAT-SU - MATANUSKA-SUSITNA BOROUGH
M OF ANC - MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN.
33
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 2210 MSL
SCALE 0 1000 2000 FEET
Scale 1" = 1000'
Contour Interval 100'
28
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
WATANA
PROJECT BOUNDARY
EXHIBIT G
PLATE G 15



BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL M.S.L. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA.



LAND OWNERSHIP SCHEDULE

USA-BLM	– BUREAU OF LAND MANAGEMENT
AK	– STATE OF ALASKA
CIRI	– COOK INLET REGION, INC.
US ARMY	– UNITED STATES ARMY
USAF	– UNITED STATES AIR FORCE
MAT-SU	– MATANUSKA-SUSITNA BOROUGH
M OF ANC	– MUNICIPALITY OF ANCHORAGE

NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

LEGEND

- PROJECT BOUNDARY
- NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
- FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1910 MSL

SCALE 0 1000 2000 FEET

Scale 1" = 1000'

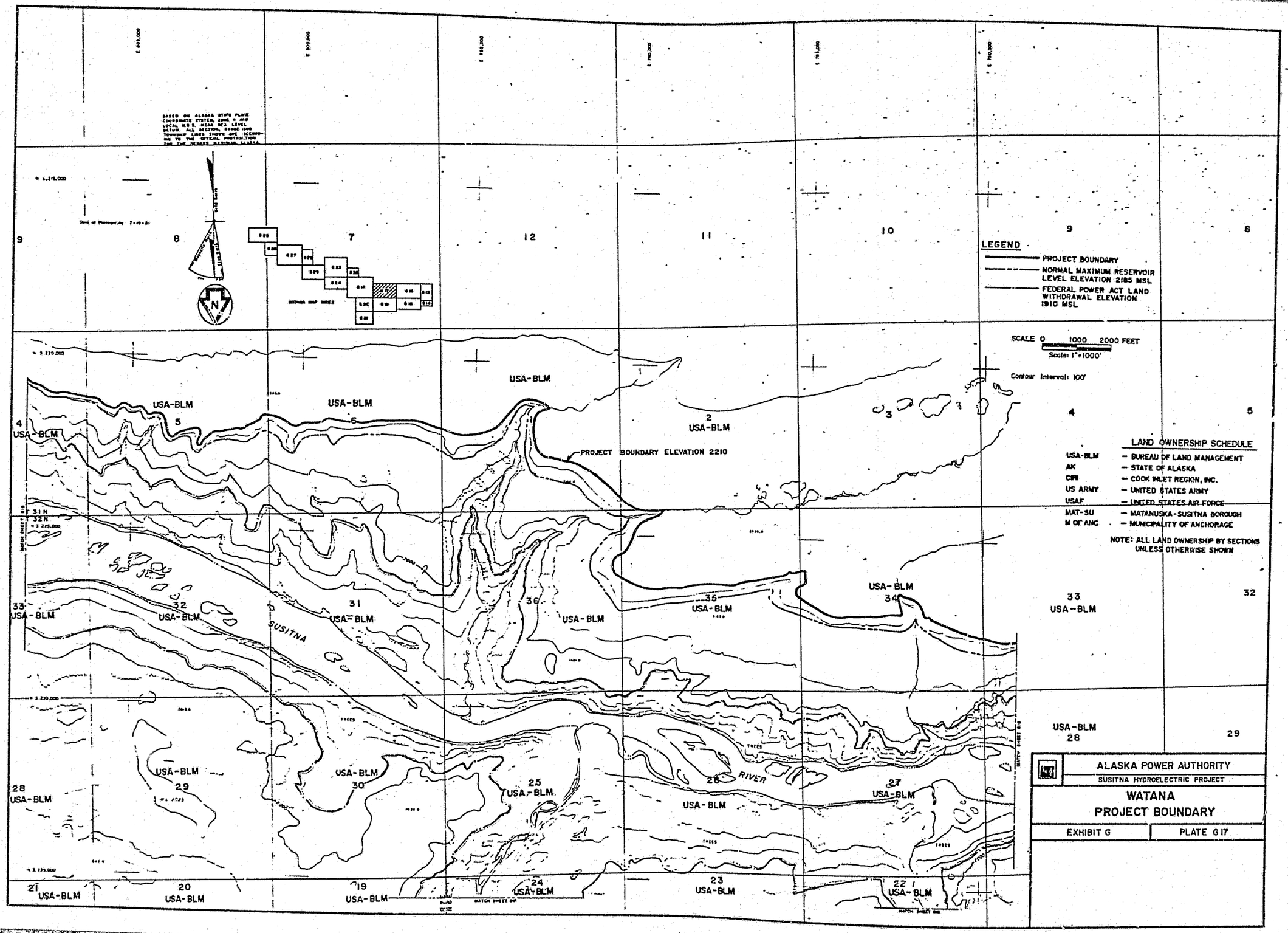
Contour Interval. 100'

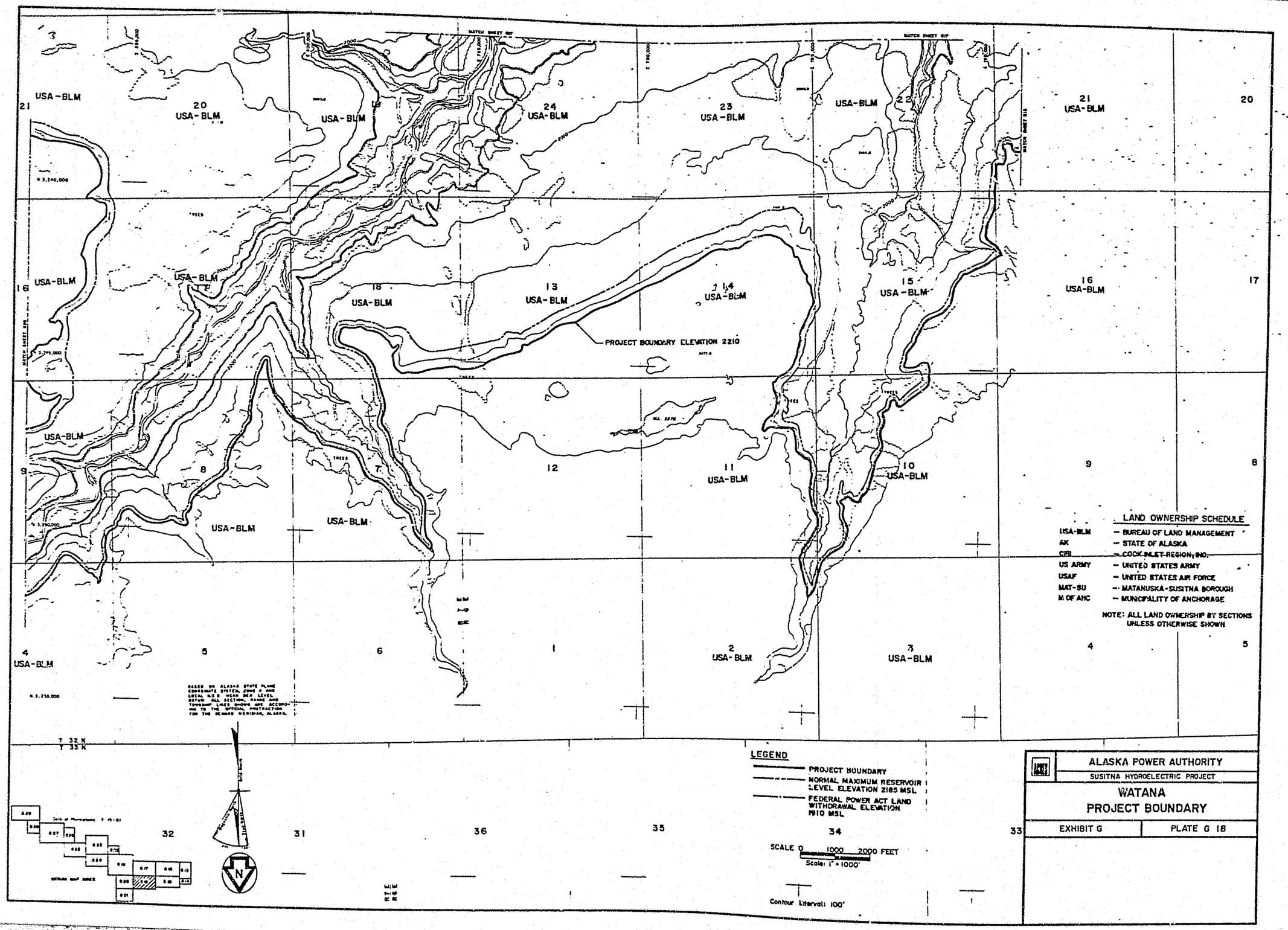
ALASKA POWER AUTHORITY

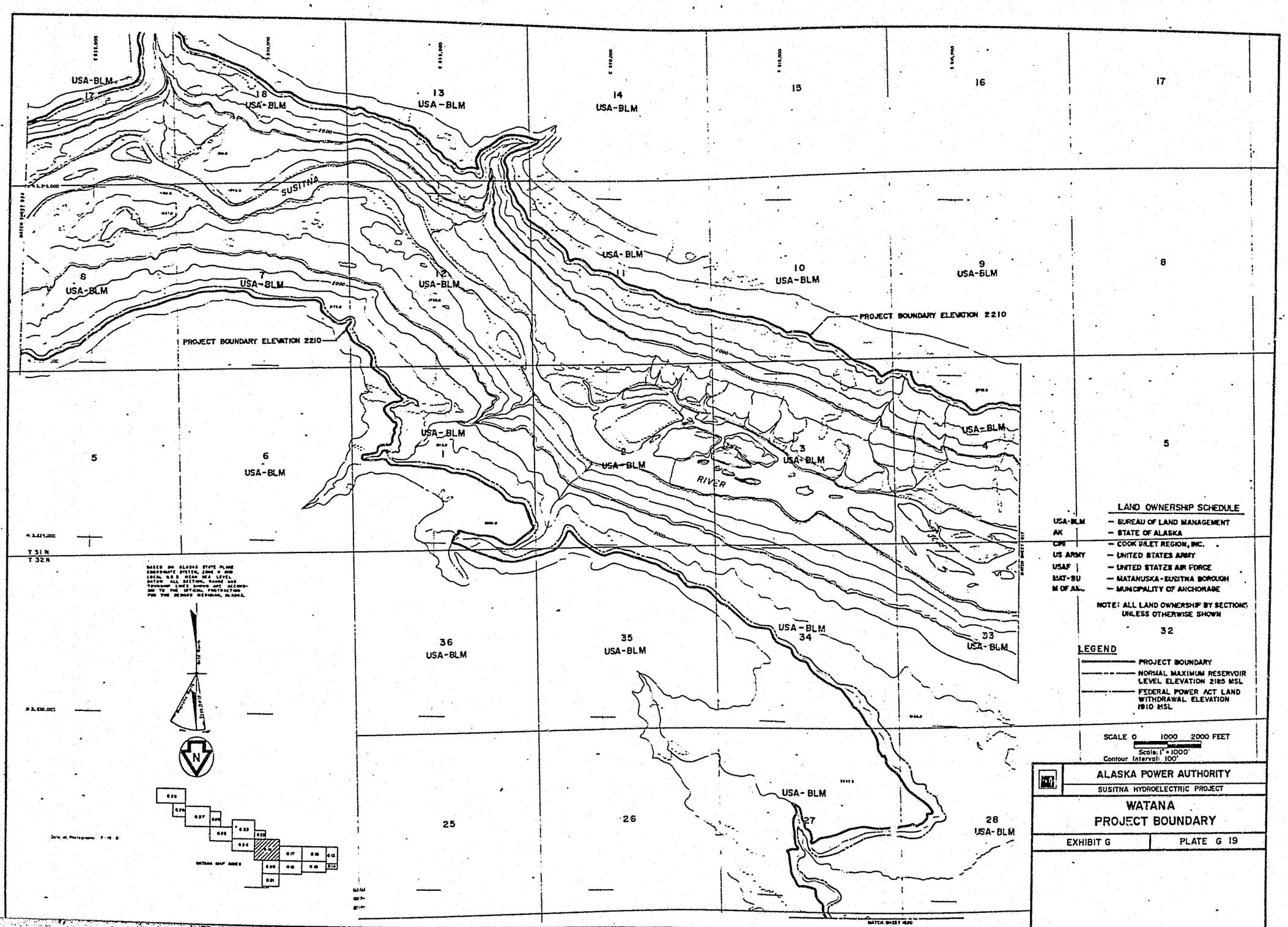
SUSITNA HYDROELECTRIC PROJECT

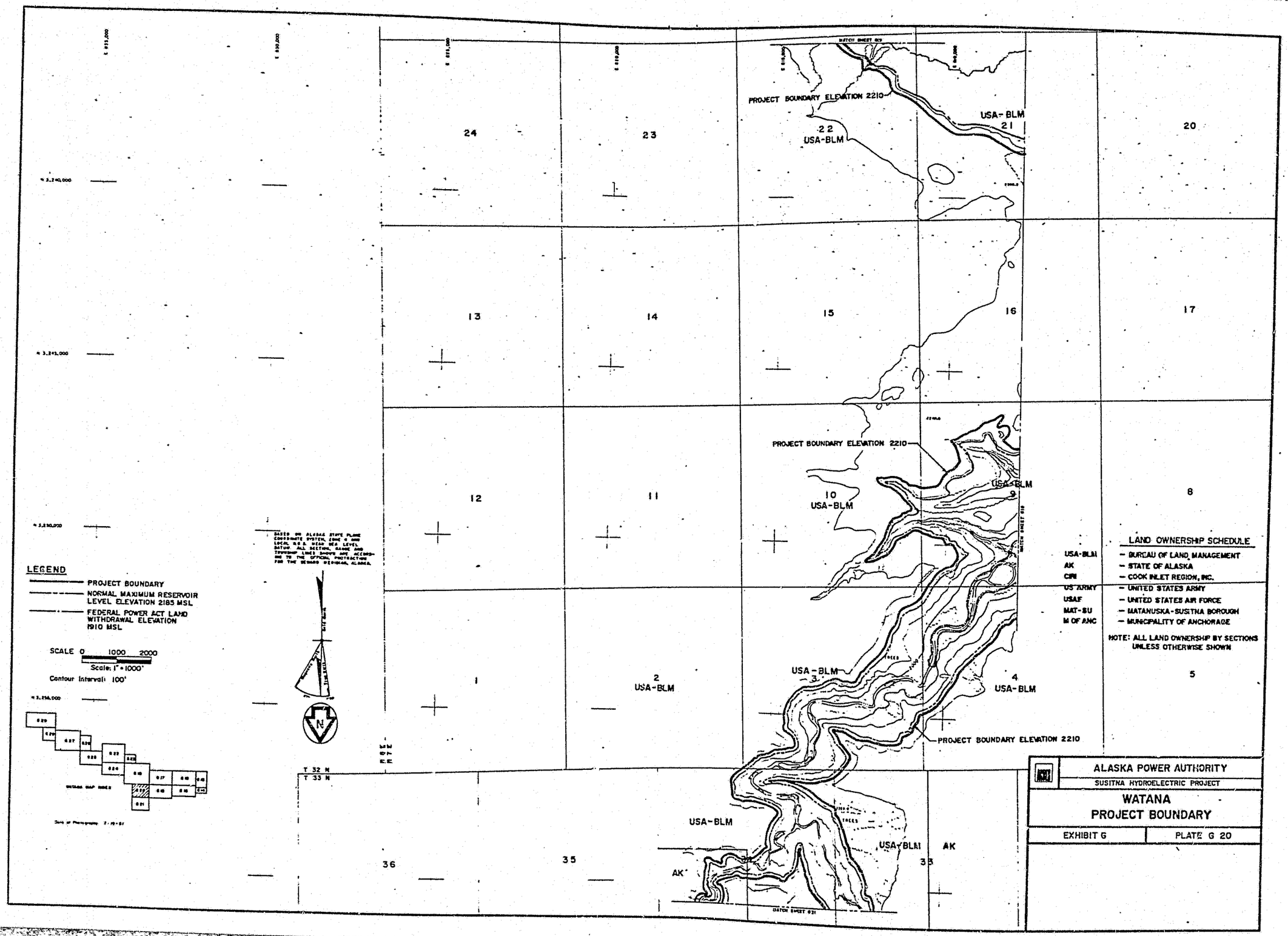
WATANA PROJECT BOUNDARY

EXHIBIT G	PLATE G 16


LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1910 MSL
SCALE 0 1000 2000 FEET
Scale: 1"=1000'
Contour Interval: 100'
LAND OWNERSHIP SCHEDULE
USA-BLM – BUREAU OF LAND MANAGEMENT
AK – STATE OF ALASKA
CIRI – COOK INLET REGION, INC.
US ARMY – UNITED STATES ARMY
USAF – UNITED STATES AIR FORCE
MAT-SU – MATANUSKA-SUSITNA BOROUGH
M OF ANC – MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
PROJECT BOUNDARY ELEVATION 2210
SUSITNA
RIVER
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
WATANA
PROJECT BOUNDARY
EXHIBIT G
PLATE G17


USA-BLM
PROJECT BOUNDARY ELEVATION 2210
LAND OWNERSHIP SCHEDULE
USA-BLM — BUREAU OF LAND MANAGEMENT
AK — STATE OF ALASKA
CIRI — COOK INLET REGION, INC.
US ARMY — UNITED STATES ARMY
USAF — UNITED STATES AIR FORCE
MAT-SU — MATANUSKA-SUSITNA BOROUGH
M OF ANC — MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 2210 MSL
SCALE 0 1000 2000 FEET
Scale: 1" = 1000'
Contour Interval: 100'
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
WATANA
PROJECT BOUNDARY
EXHIBIT G
PLATE G 18


USA-BLM
SUSITNA
RIVER
PROJECT BOUNDARY ELEVATION 2210
T 31 N
T 32 N
LAND OWNERSHIP SCHEDULE
USA-BLM — BUREAU OF LAND MANAGEMENT
AK — STATE OF ALASKA
CRI — COOK INLET REGION, INC.
US ARMY — UNITED STATES ARMY
USAF — UNITED STATES AIR FORCE
MAT-SU — MATANUSKA-SUSITNA BOROUGH
M OF AL. — MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1910 MSL
SCALE 0 1000 2000 FEET
Scale: 1" = 1000'
Contour Interval: 100'
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
WATANA
PROJECT BOUNDARY
EXHIBIT G
PLATE G 19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PROJECT BOUNDARY ELEVATION 2210
USA-BLM
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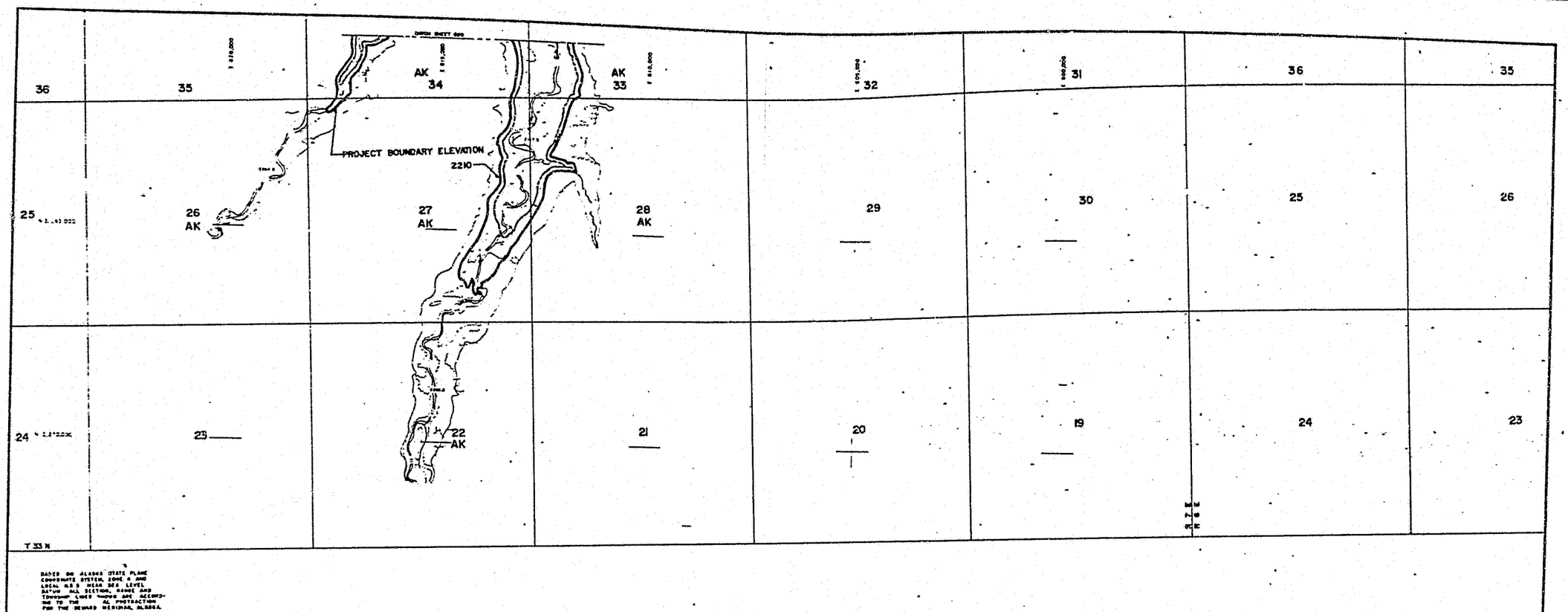
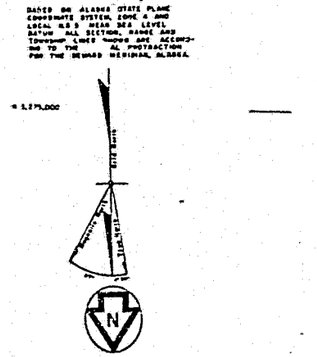
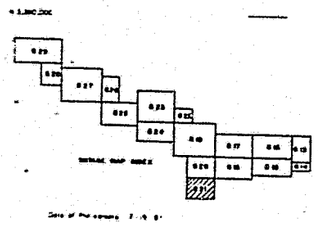
AK
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1910 MSL
SCALE 0 1000 2000
Scale: 1" = 1000'
Contour Interval: 100'
T 32 N
T 33 N
R 5 E
R 7 E
LAND OWNERSHIP SCHEDULE
USA-BLM - BUREAU OF LAND MANAGEMENT
AK - STATE OF ALASKA
CIRI - COOK INLET REGION, INC.
US ARMY - UNITED STATES ARMY
USAF - UNITED STATES AIR FORCE
MAT-SU - MATANUSKA-SUSITNA BOROUGH
M OF ANC - MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
WATANA
PROJECT BOUNDARY
EXHIBIT G
PLATE G 20







LAND OWNERSHIP SCHEDULE

USA-BLM	— BUREAU OF LAND MANAGEMENT
AK	— STATE OF ALASKA
CIRI	— COOK INLET REGION, INC.
US ARMY	— UNITED STATES ARMY
USAF	— UNITED STATES AIR FORCE
MAT-SU	— MATANUSKA-SUSITNA BOROUGH
M OF ANC	— MUNICIPALITY OF ANCHORAGE

NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

LEGEND

- PROJECT BOUNDARY
- NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
- FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1910 MSL

SCALE 0 1000 2000 FEET

Scale: 1" = 1000'

Contour Interval: 100'

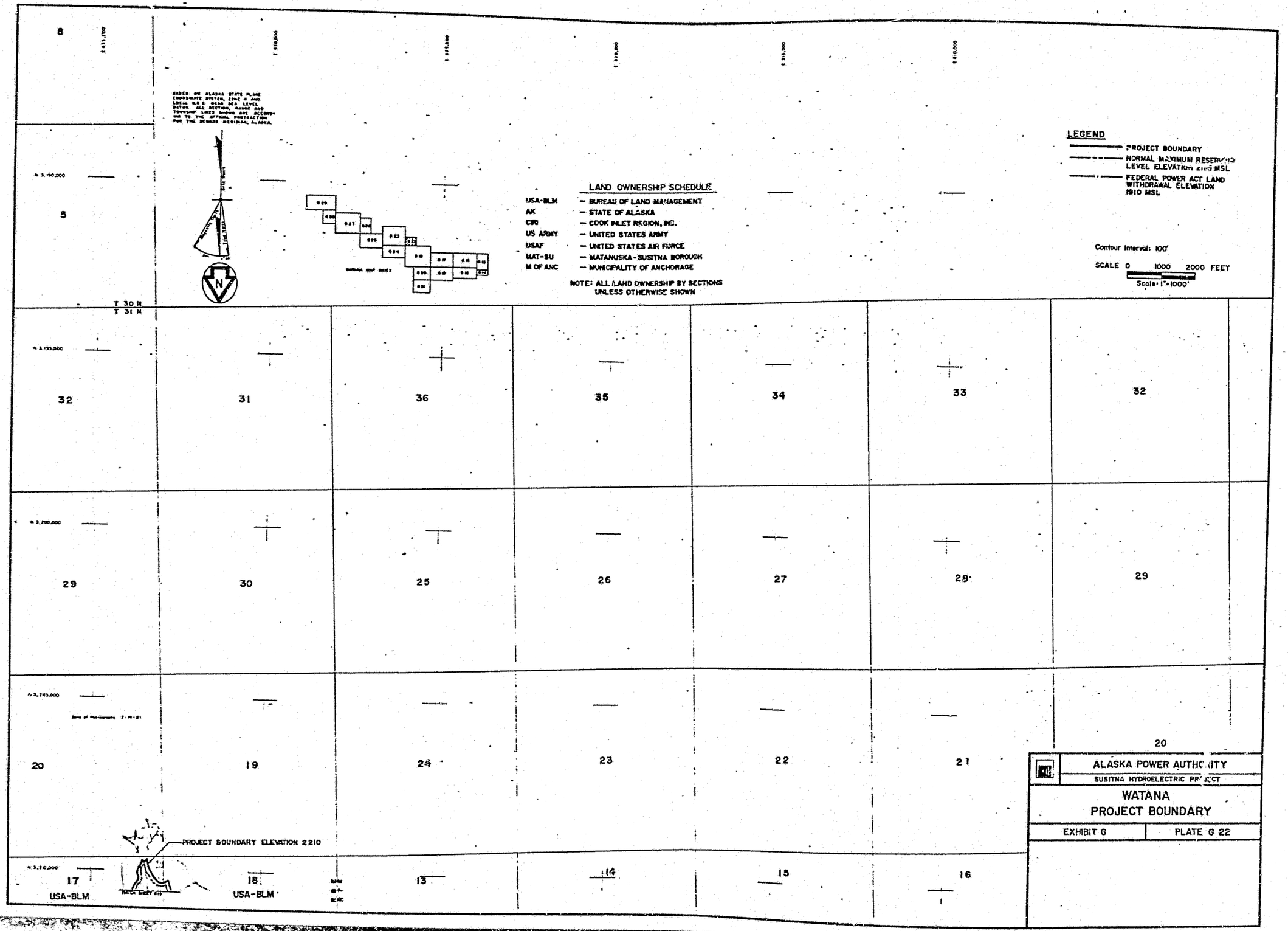
ALASKA POWER AUTHORITY

SUSITNA HYDROELECTRIC PROJECT

WATANA

PROJECT BOUNDARY

EXHIBIT G	PLATE G 21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T 31 N
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20
17
USA-BLM
18
USA-BLM
13
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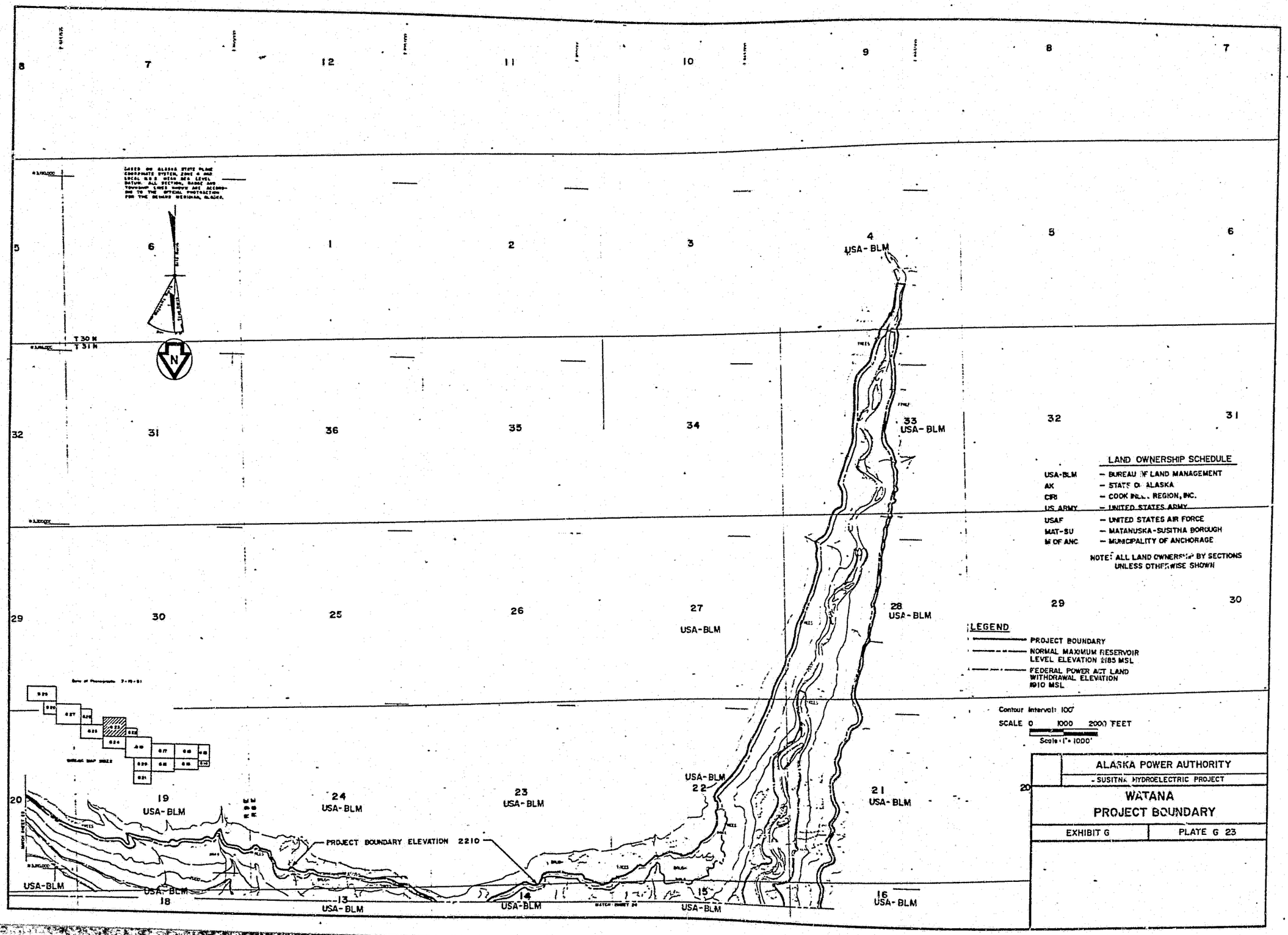
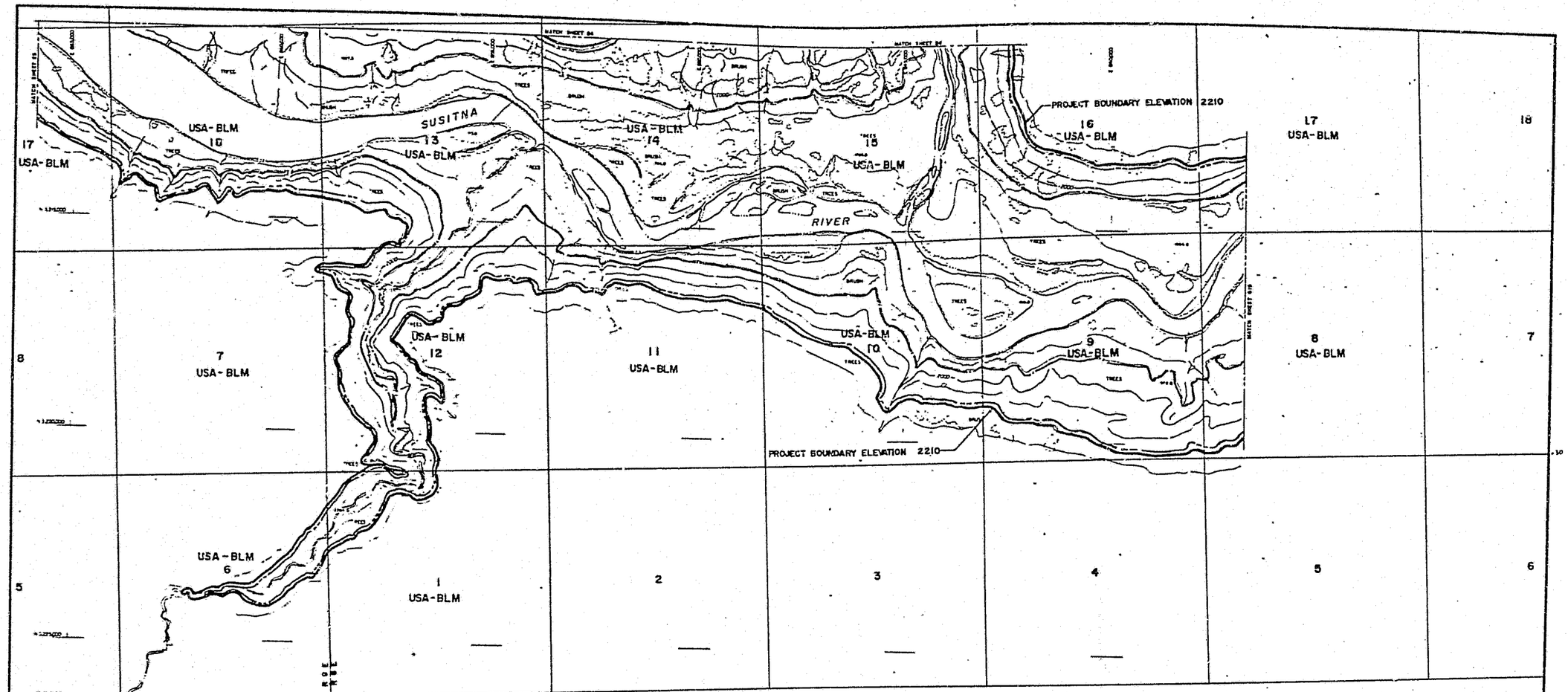
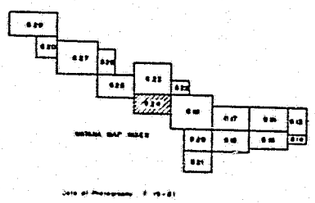
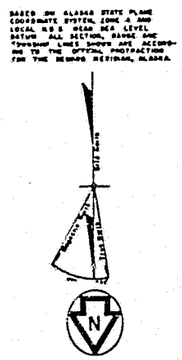
15
16
LAND OWNERSHIP SCHEDULE
USA-BLM — BUREAU OF LAND MANAGEMENT
AK — STATE OF ALASKA
CIR — COOK INLET REGION, INC.
US ARMY — UNITED STATES ARMY
USAF — UNITED STATES AIR FORCE
MAT-SU — MATANUSKA-SUSITNA BOROUGH
M OF ANC — MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 2210 MSL
Contour Interval: 100'
SCALE 0 1000 2000 FEET
Scale: 1"=1000'
PROJECT BOUNDARY ELEVATION 2210
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
WATANA
PROJECT BOUNDARY
EXHIBIT G
PLATE G 22


BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL M.S.L. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE DECEPTIVE TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA.
T 30 N
T 31 N
N
USA-BLM
LAND OWNERSHIP SCHEDULE
USA-BLM — BUREAU OF LAND MANAGEMENT
AK — STATE OF ALASKA
CIR — COOK INLET REGION, INC.
US ARMY — UNITED STATES ARMY
USAF — UNITED STATES AIR FORCE
MAT-SU — MATANUSKA-SUSITNA BOROUGH
M OF ANC — MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 2210 MSL
Contour Interval: 100'
SCALE 0 1000 2000 FEET
Scale 1" = 1000'
PROJECT BOUNDARY ELEVATION 2210
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
WATANA
PROJECT BOUNDARY
EXHIBIT G
PLATE G 23







LAND OWNERSHIP SCHEDULE

USA-BLM	– BUREAU OF LAND MANAGEMENT
AK	– STATE OF ALASKA
CIRI	– COOK INLET REGION, INC.
US ARMY	– UNITED STATES ARMY
USAF	– UNITED STATES AIR FORCE
MAT-SU	– MATANUSKA-SUSITNA BOROUGH
M OF ANC	– MUNICIPALITY OF ANCHORAGE

NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

LEGEND

- PROJECT BOUNDARY
- NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
- FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 2210 MSL

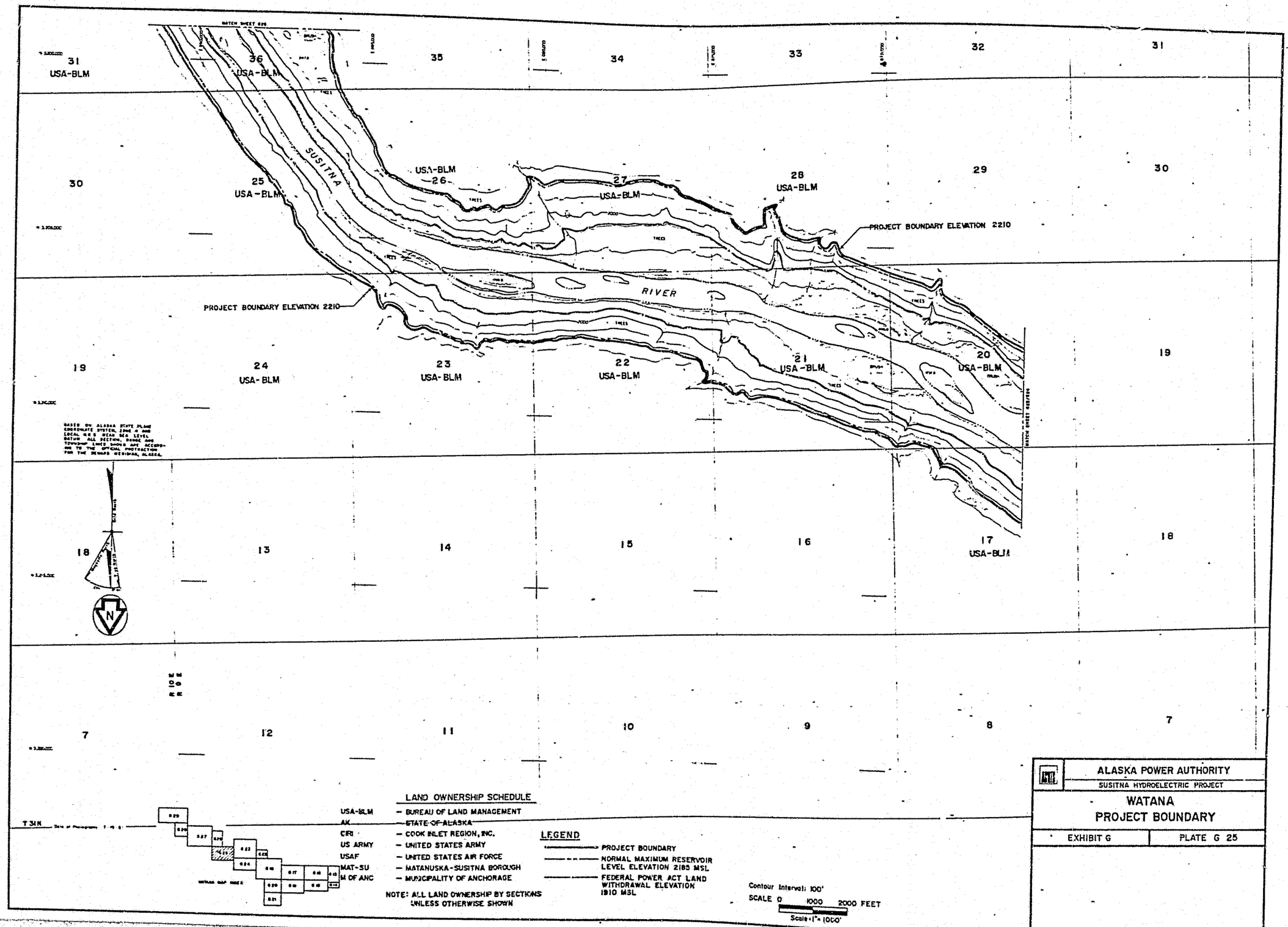
SCALE 0 1000 2000 FEET
Scale: 1" = 1000'

Contour Interval: 100'

ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT

WATANA
PROJECT BOUNDARY

EXHIBIT G	PLATE G 24


MATCH SHEET 626
31
USA-BLM
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USA-BLM
35
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33
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25
USA-BLM
SUSITNA
USA-BLM
26
27
USA-BLM
28
USA-BLM
29
30
PROJECT BOUNDARY ELEVATION 2210
RIVER
PROJECT BOUNDARY ELEVATION 2210
19
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USA-BLM
23
USA-BLM
22
USA-BLM
21
USA-BLM
20
USA-BLM
19
MATCH SHEET 626
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USA-BLM
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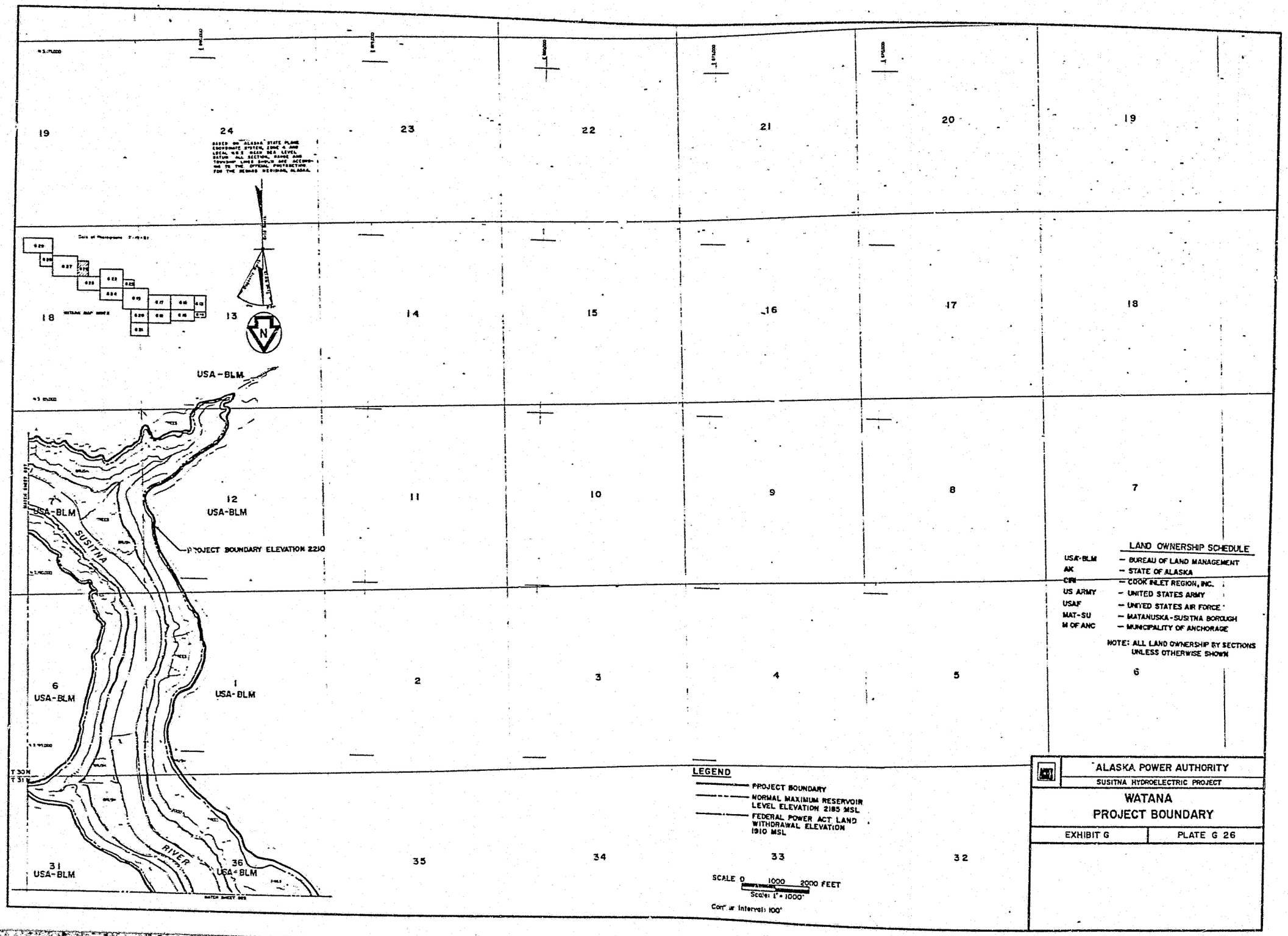
R 10 E
R 9 E
T 31 N
N
LAND OWNERSHIP SCHEDULE
USA-BLM - BUREAU OF LAND MANAGEMENT
AK - STATE OF ALASKA
CIRI - COOK INLET REGION, INC.
US ARMY - UNITED STATES ARMY
USAF - UNITED STATES AIR FORCE
MAT-SU - MATANUSKA-SUSITNA BOROUGH
M OF ANC - MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1810 MSL
Contour Interval: 100'
SCALE 0 1000 2000 FEET
Scale: 1" = 1000'
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
WATANA
PROJECT BOUNDARY
EXHIBIT G
PLATE G 25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USA-BLM
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USA-BLM
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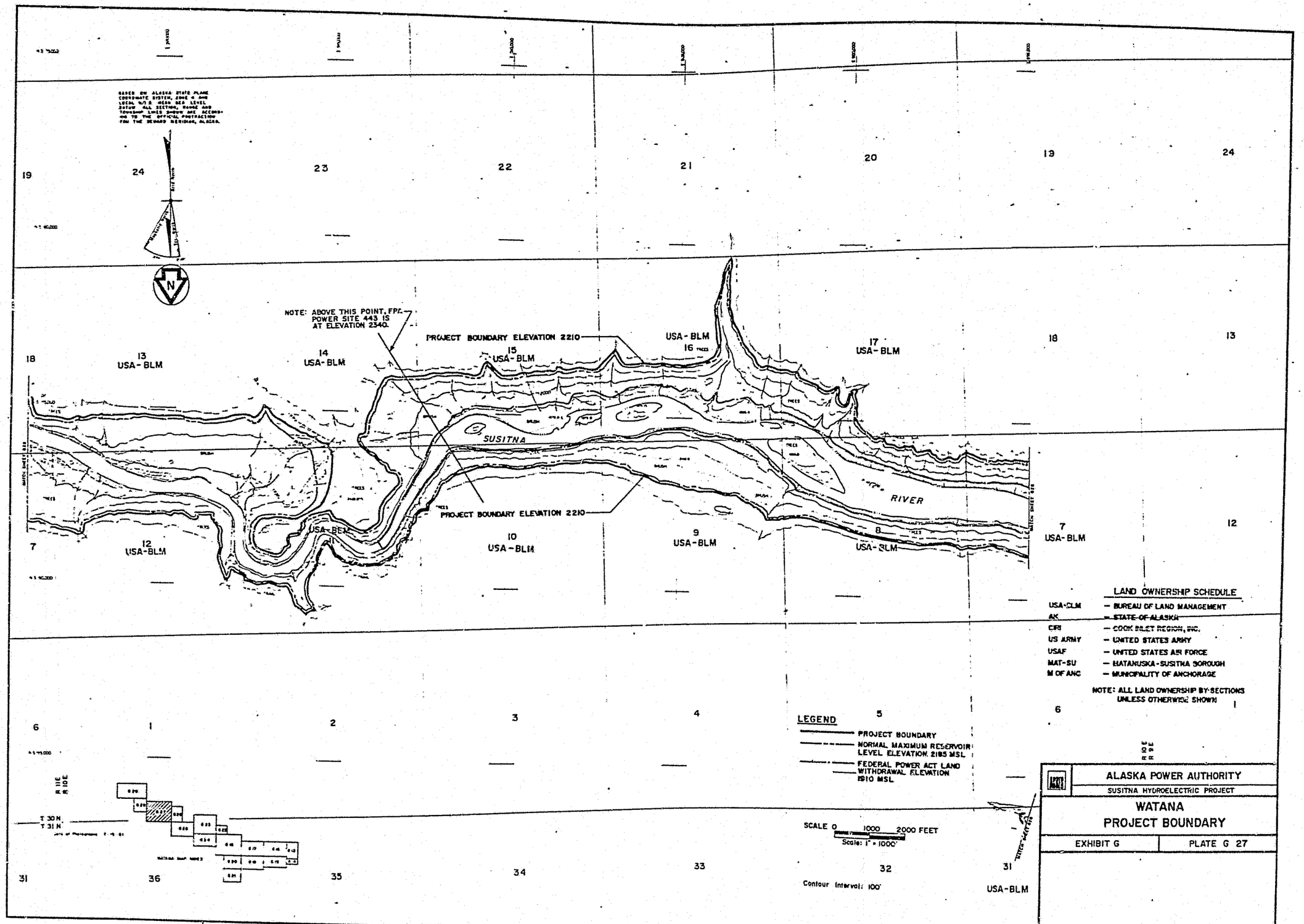
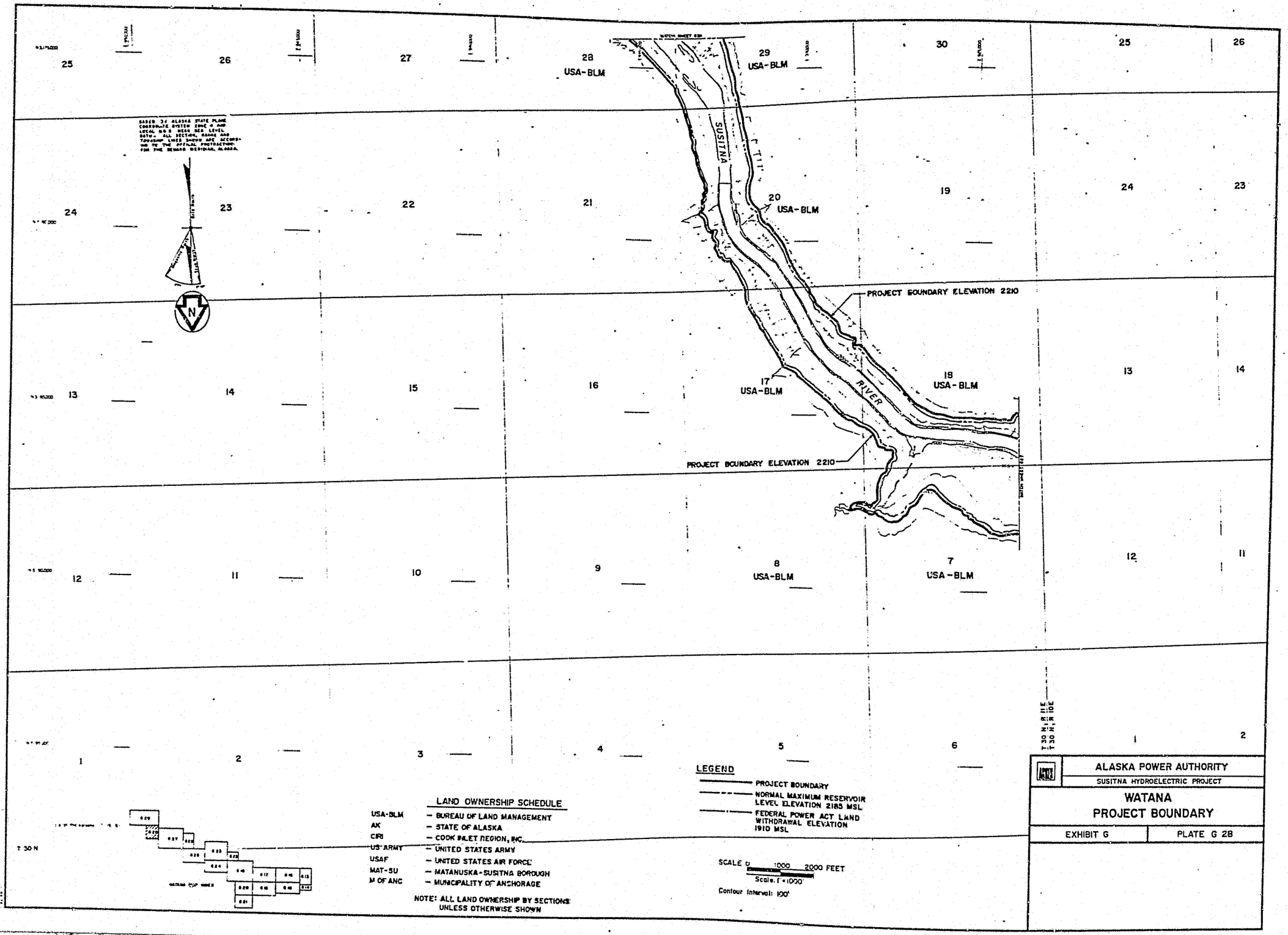
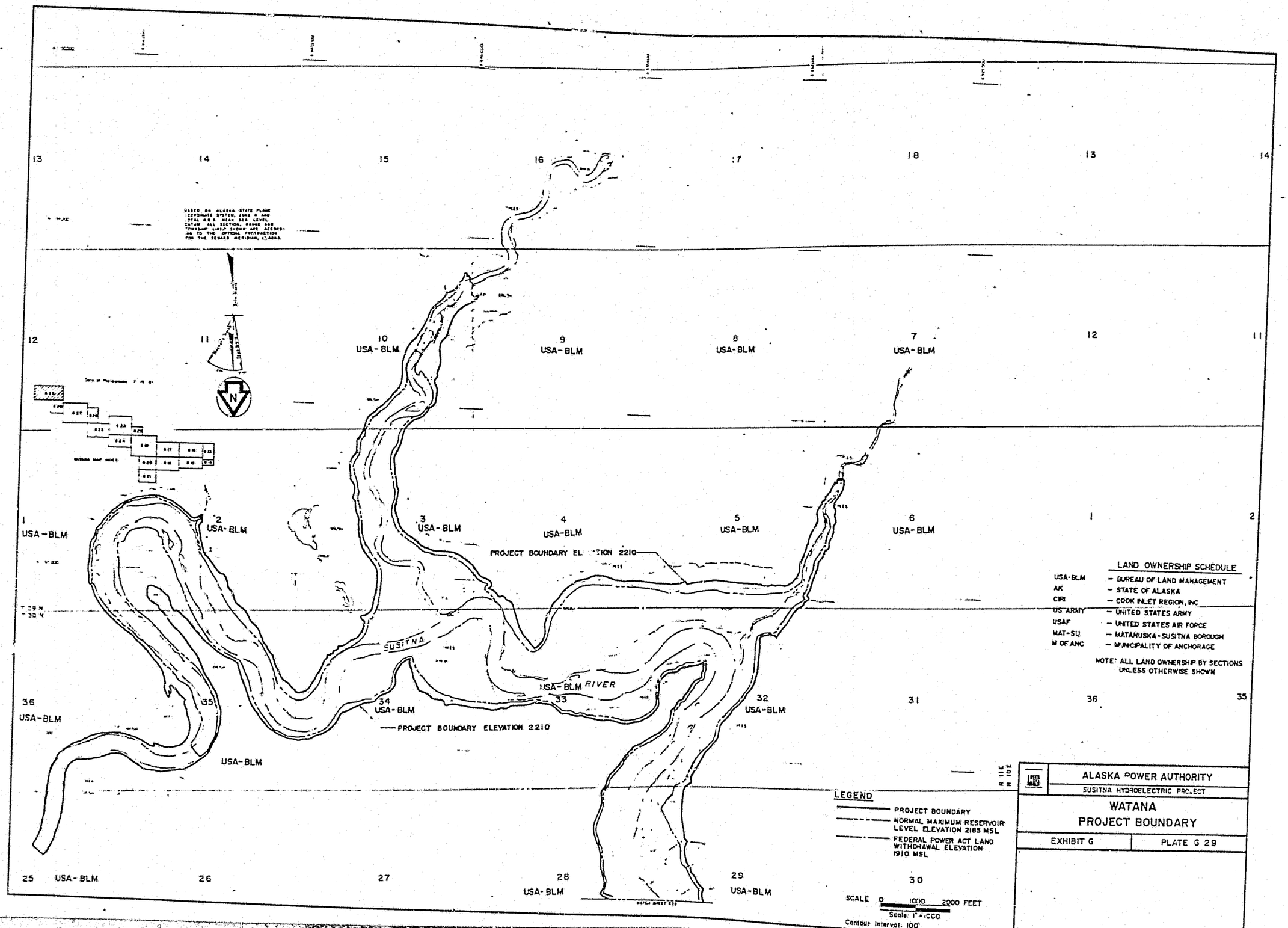
9
8
7
USA-BLM
SUSITNA
PROJECT BOUNDARY ELEVATION 2210
6
USA-BLM
1
USA-BLM
2
3
4
5
6
T 30N
T 31N
31
USA-BLM
36
USA-BLM
35
34
33
32
RIVER
LAND OWNERSHIP SCHEDULE
USA-BLM — BUREAU OF LAND MANAGEMENT
AK — STATE OF ALASKA
CIRI — COOK INLET REGION, INC.
US ARMY — UNITED STATES ARMY
USAF — UNITED STATES AIR FORCE
MAT-SU — MATANUSKA-SUSITNA BOROUGH
M OF ANC — MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1910 MSL
SCALE 0 1000 2000 FEET
Scale: 1" = 1000'
Contour Interval: 100'
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
WATANA
PROJECT BOUNDARY
EXHIBIT G
PLATE G 26


BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL M.S.L. MEAN SEA LEVEL DATUM. ALL SECTIONAL NAMES AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA.
NOTE: ABOVE THIS POINT, FPL POWER SITE 443 IS AT ELEVATION 2340.
PROJECT BOUNDARY ELEVATION 2210
SUSITNA
RIVER
USA-BLM
LAND OWNERSHIP SCHEDULE
USA-CLM — BUREAU OF LAND MANAGEMENT
AK — STATE OF ALASKA
CIRI — COOK INLET REGION, INC.
US ARMY — UNITED STATES ARMY
USAF — UNITED STATES AIR FORCE
MAT-SU — MATANUSKA-SUSITNA BOROUGH
M OF ANC — MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 2210 MSL
SCALE 0 1000 2000 FEET
Scale: 1" = 1000'
Contour Interval: 100'
T 30 N
T 31 N
R 11 E
R 10 E
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
WATANA
PROJECT BOUNDARY
EXHIBIT G
PLATE G 27


SUSITNA
RIVER
PROJECT BOUNDARY ELEVATION 2210
PROJECT BOUNDARY ELEVATION 2210
USA-BLM
T 30 N, R 9 E
T 30 N, R 10 E
T 30 N
LAND OWNERSHIP SCHEDULE
USA-BLM — BUREAU OF LAND MANAGEMENT
AK — STATE OF ALASKA
CIRI — COOK INLET REGION, INC.
US ARMY — UNITED STATES ARMY
USAF — UNITED STATES AIR FORCE
MAT-SU — MATANUSKA-SUSITNA BOROUGH
M OF ANC — MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1910 MSL
SCALE 0 1000 2000 FEET
Scale: 1" = 1000'
Contour Interval: 100'
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
WATANA
PROJECT BOUNDARY
EXHIBIT G
PLATE G 28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USA-BLM
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USA-BLM
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USA-BLM
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USA-BLM
12
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USA-BLM
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USA-BLM
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USA-BLM
4
USA-BLM
5
USA-BLM
6
USA-BLM
1
2
PROJECT BOUNDARY ELEVATION 2210
SUSITNA
RIVER
USA-BLM
36
USA-BLM
35
34
USA-BLM
33
32
USA-BLM
31
36
35
PROJECT BOUNDARY ELEVATION 2210
USA-BLM
25
USA-BLM
26
27
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USA-BLM
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USA-BLM
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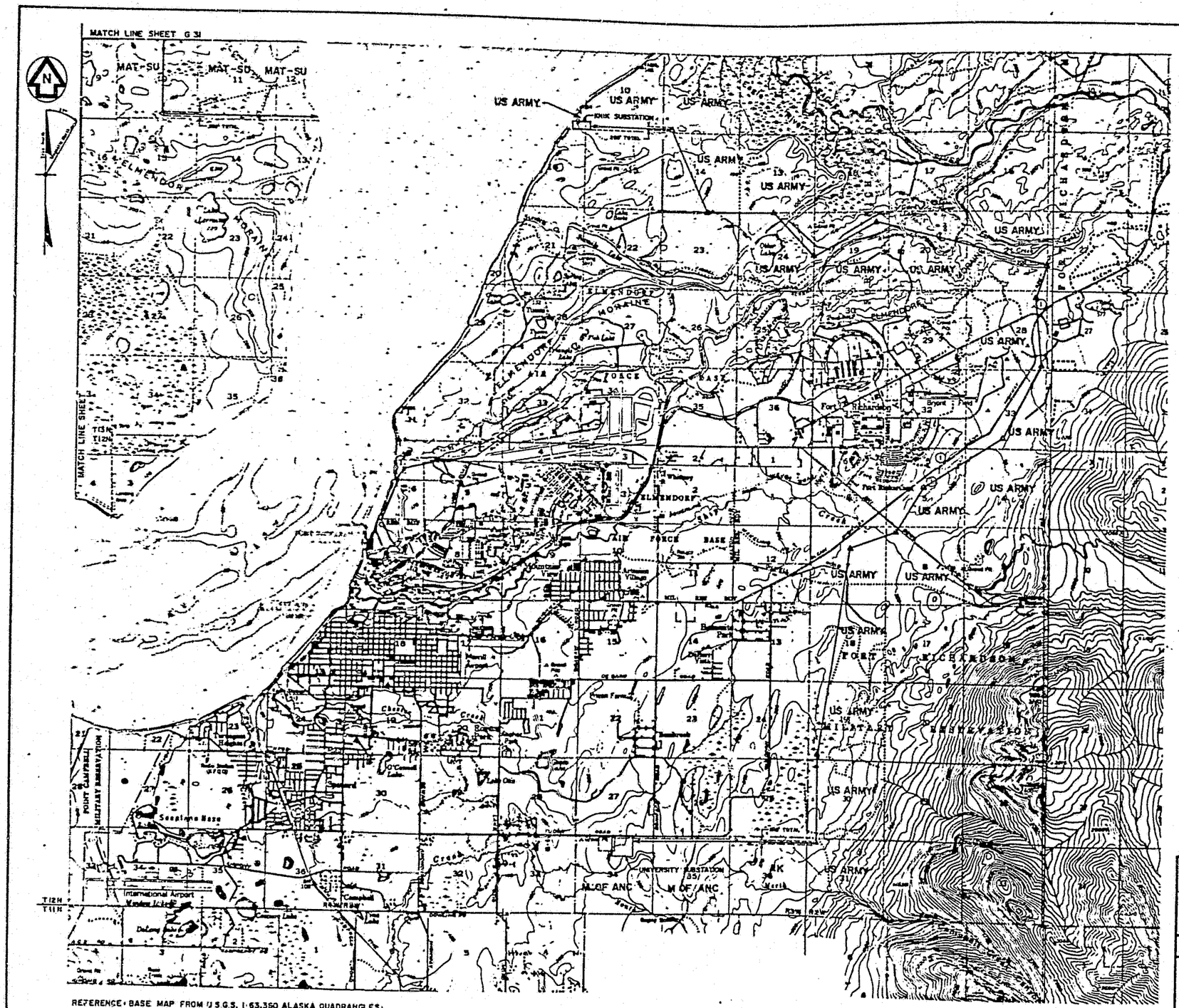
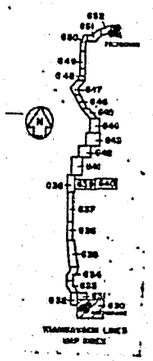
N
LAND OWNERSHIP SCHEDULE
USA-BLM — BUREAU OF LAND MANAGEMENT
AK — STATE OF ALASKA
CIRI — COOK INLET REGION, INC
US ARMY — UNITED STATES ARMY
USAF — UNITED STATES AIR FORCE
MAT-SU — MATANUSKA-SUSITNA BOROUGH
M OF ANC — MUNICIPALITY OF ANCHORAGE
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN
LEGEND
PROJECT BOUNDARY
NORMAL MAXIMUM RESERVOIR LEVEL ELEVATION 2185 MSL
FEDERAL POWER ACT LAND WITHDRAWAL ELEVATION 1910 MSL
SCALE 0 1000 2000 FEET
Scale: 1" = 1000'
Contour Interval: 100'
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
WATANA
PROJECT BOUNDARY
EXHIBIT G
PLATE G 29



REFERENCE: BASE MAP FROM U.S.G.S. 1:63,350 ALASKA QUADRANGLES, ANCHORAGE (A-7), ANCHORAGE (A-8), ANCHORAGE (B-7) AND ANCHORAGE (B-8)



LAND OWNERSHIP SCHEDULE

USA-BLM	— BUREAU OF LAND MANAGEMENT
AK	— STATE OF ALASKA
CIRI	— COOK INLET REGION, INC.
US ARMY	— UNITED STATES ARMY
USAF	— UNITED STATES AIR FORCE
MAT-SU	— MATANUSKA-SUSITNA BOROUGH
M OF ANC	— MUNICIPALITY OF ANCHORAGE

NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

SCALE 0 — 1 MILE

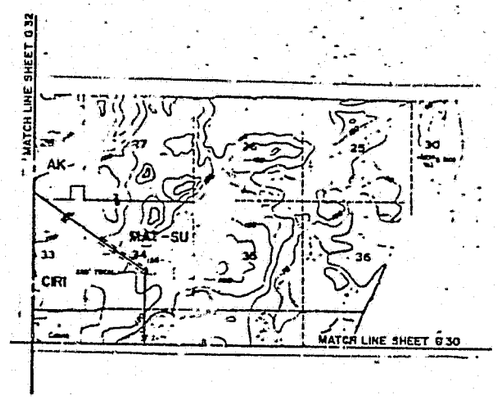
Scale: 1" = .5 mi.

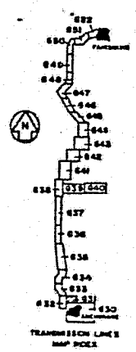
ALASKA POWER AUTHORITY

SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE PROJECT BOUNDARY

EXHIBIT G	PLATE G 30





REFERENCE: BASE MAP FROM U.S.G.S. 1:63,360 ALASKA QUADRANGLE ANCHORAGE (B-8)

LAND OWNERSHIP SCHEDULE	
USA-BLM	– BUREAU OF LAND MANAGEMENT
AK	– STATE OF ALASKA
CIRI	– COOK INLET REGION, INC.
US ARMY	– UNITED STATES ARMY
USAF	– UNITED STATES AIR FORCE
MAT-SU	– MATANUSKA-SUSITNA BOROUGH
M OF ANC	– MUNICIPALITY OF ANCHORAGE

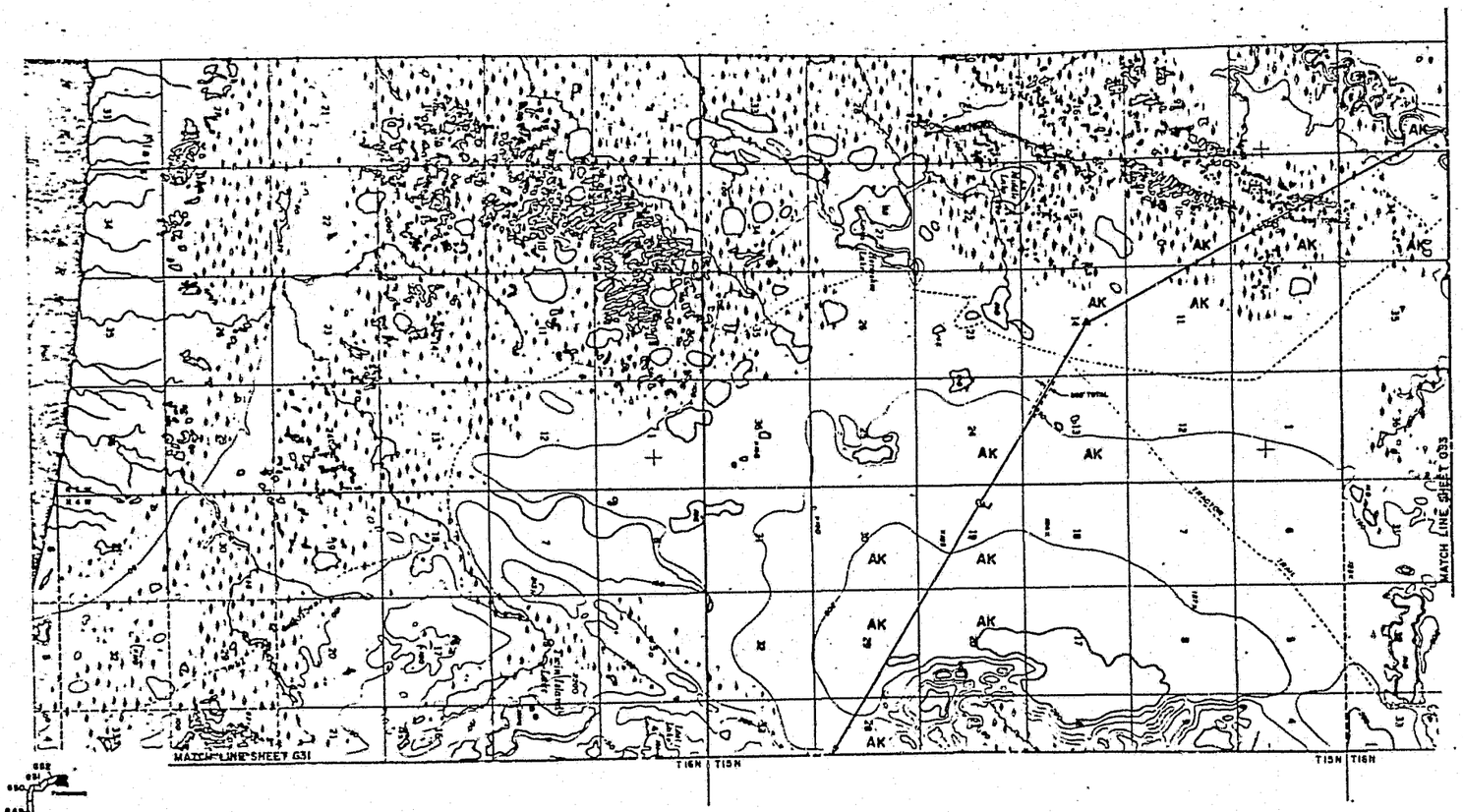
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

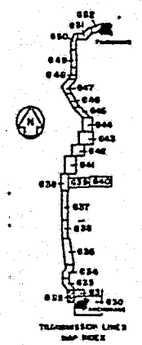
SCALE 0 1 MILE
Scale: 1" = .5 mi.

ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE
PROJECT BOUNDARY

EXHIBIT G | PLATE G 31





REFERENCE: BASE MAP FROM U.S.G.S. 1:63,360 ALASKA QUADRANGLE, TYONEK (B-1).

LAND OWNERSHIP SCHEDULE

USA-BLM	– BUREAU OF LAND MANAGEMENT
AK	– STATE OF ALASKA
CIRI	– COOK INLET REGION, INC.
US ARMY	– UNITED STATES ARMY
USAF	– UNITED STATES AIR FORCE
MAT-SU	– MATANUSKA-SUSITNA BOROUGH
M OF ANC	– MUNICIPALITY OF ANCHORAGE

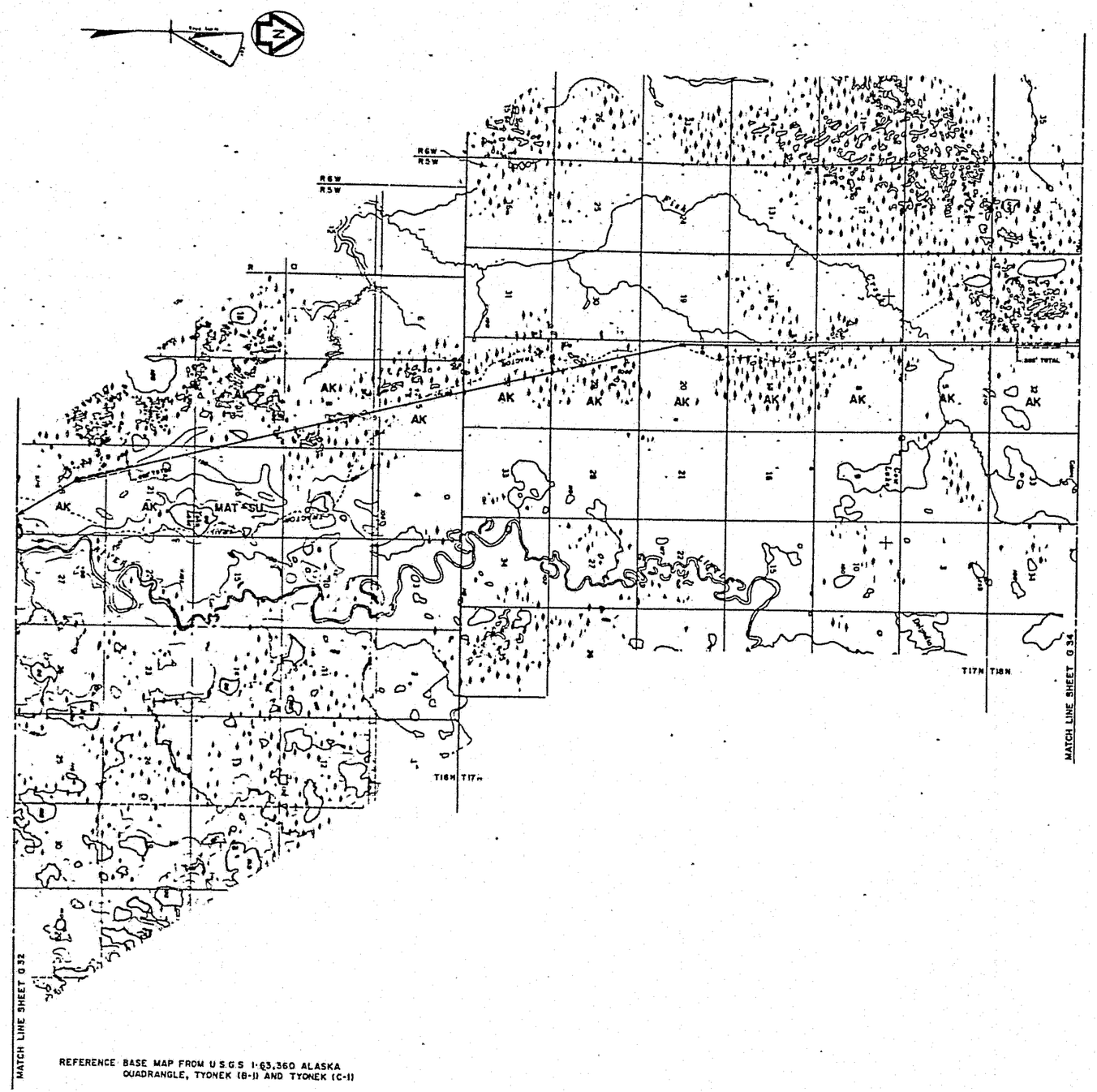
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

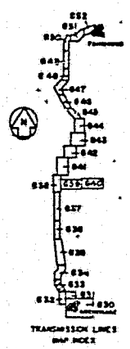
SCALE 0 1 MILE
Scale 1" = .5mi

ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE
PROJECT BOUNDARY

EXHIBIT G | PLATE G32





REFERENCE BASE MAP FROM U.S.G.S. 1:63,360 ALASKA QUADRANGLE, TYONEK (B-1) AND TYONEK (C-1)

LAND OWNERSHIP SCHEDULE

USA-BLM	– BUREAU OF LAND MANAGEMENT
AK	– STATE OF ALASKA
CIRI	– COOK INLET REGION, INC.
US ARMY	– UNITED STATES ARMY
USAF	– UNITED STATES AIR FORCE
MAT-SU	– MATANUSKA-SUSITNA BOROUGH
M OF ANC	– MUNICIPALITY OF ANCHORAGE

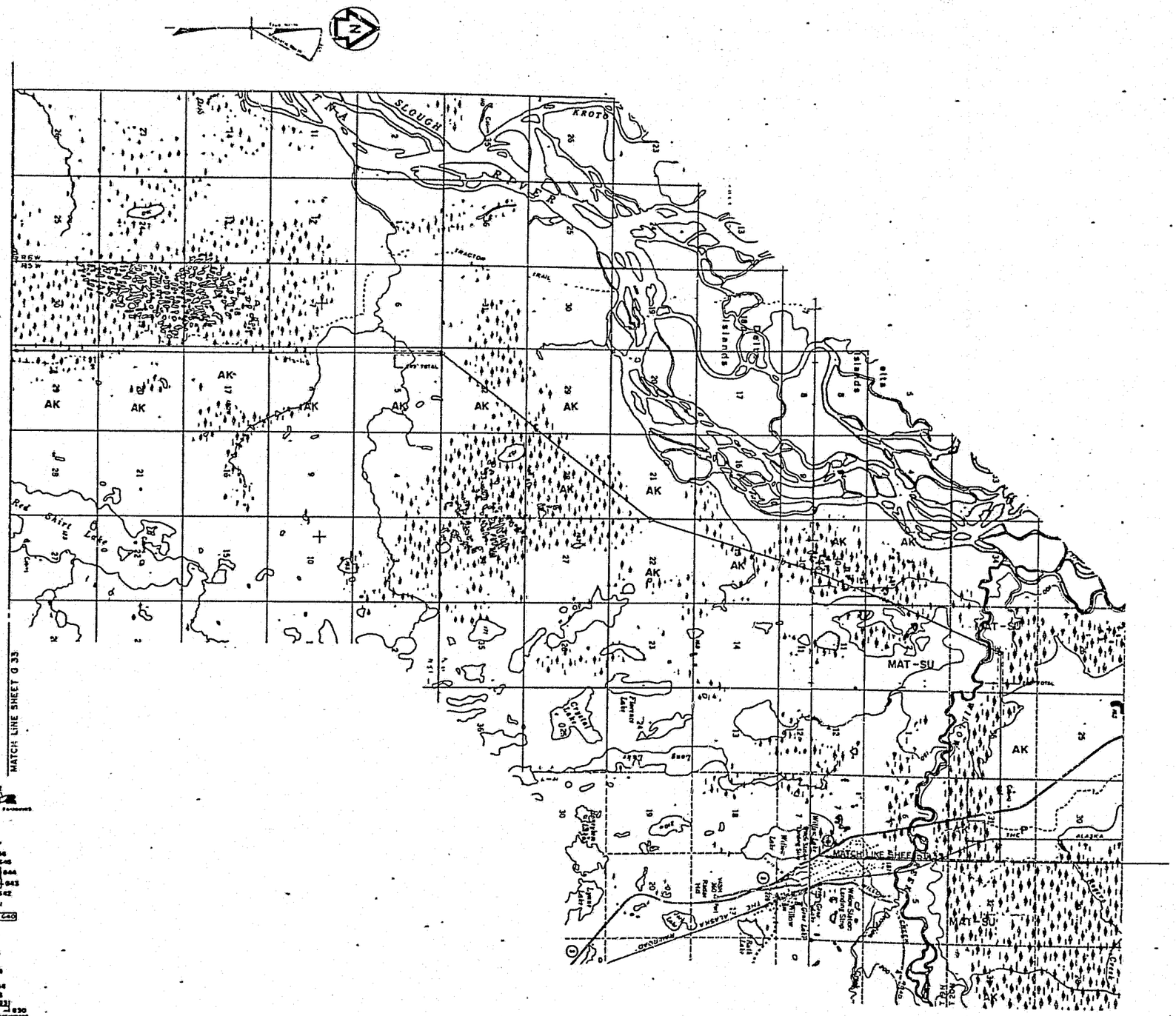
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

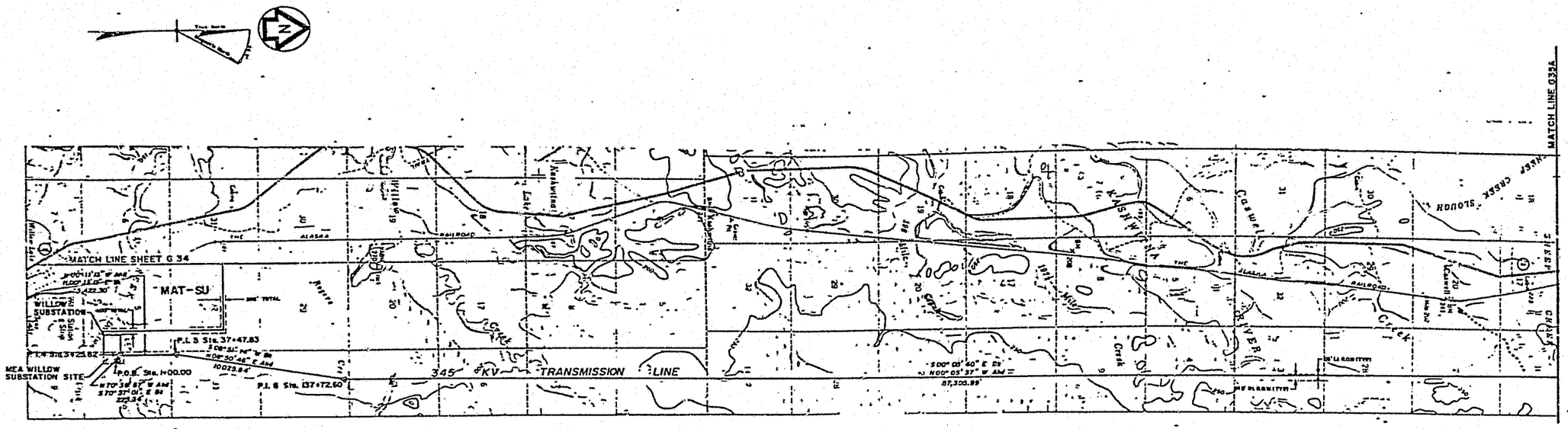
SCALE 0 1 MILE
Scale: 1" = .5 mi.

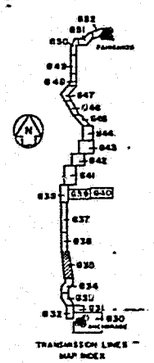
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT

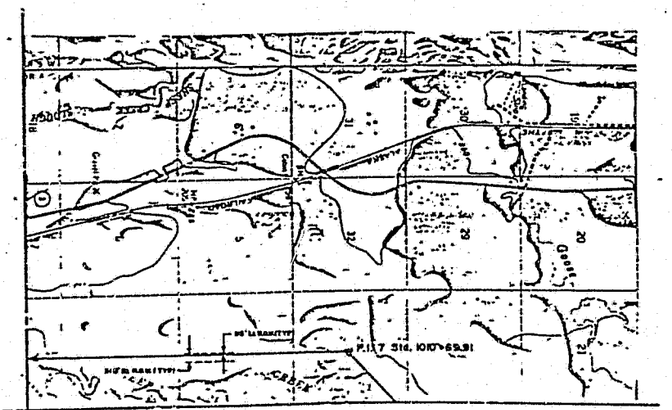
TRANSMISSION LINE
PROJECT BOUNDARY

EXHIBIT G	PLATE G 33


SLOUGH
KROTO
TRACTOR
TRAIL
AK
MAT-SU
MATCH LINE SHEET G 33
MATCH LINE SHEET G 35
Red Shirt Lake
Crystal Lake
Long Lake
Lake Lucille
Lake Susan
Lake Kathleen
Lake Ann
Lake Mary
Lake Ann
Lake Mary
Lake Ann
Lake Mary







SCALE: 0 1 MILE
Scale: 1" = .5 mi.

LANDS WITHIN THE TRANSMISSION CORRIDOR INDICATED ON THIS SHEET HAVE BEEN ACQUIRED BY THE ALASKA POWER AUTHORITY. THE LINE SHOWN WILL BE CONSTRUCTED IN 1983.

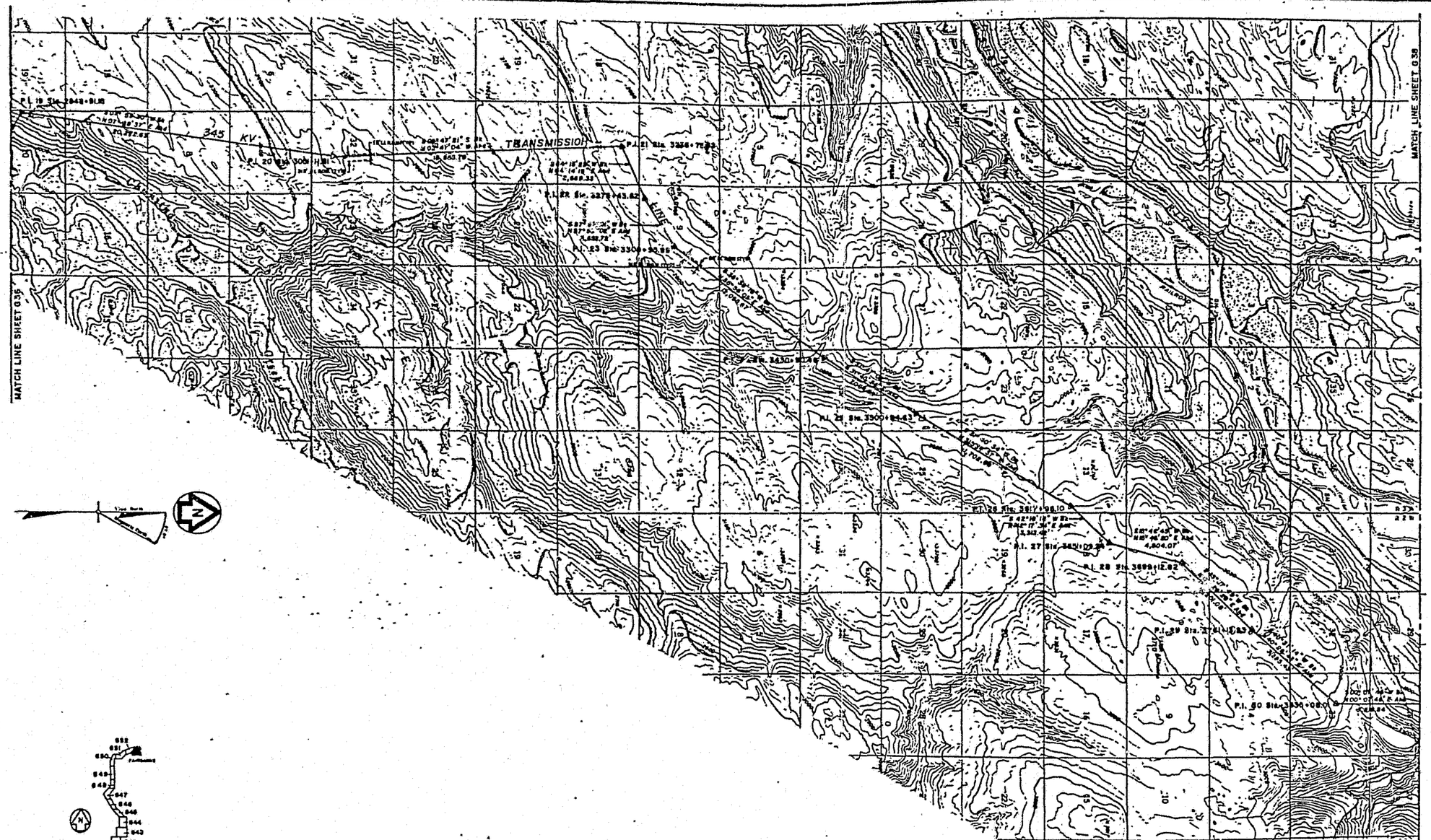
THIS SHEET IS A COMPOSITE OF THE FOLLOWING U.S.G.S. QUADRANGLES: TALKEETNA (A-1), TYONEK (D-1)

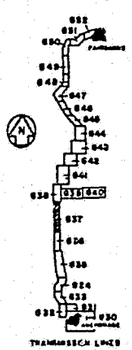
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE
PROJECT BOUNDARY

EXHIBIT G	PLATE G 35

MATCH LINE SHEET G35
MATCH LINE 36A
MATCH LINE SHEET G37
TALKEETNA
Cantwell Creek
Sheep Creek
Clear Creek
Lake
Bear Creek
Caribou Creek
Clear Creek
Lake
Lake
Lake





LANDS WITHIN THE TRANSMISSION CORRIDOR INDICATED ON THIS SHEET HAVE BEEN ACQUIRED BY THE ALASKA POWER AUTHORITY. THE LINE SHOWN WILL BE CONSTRUCTED IN 1985.

THIS SHEET IS COMPOSED OF U.S.G.S. QUADRANGLE: TALKEETNA MOUNTAINS (C-6)

SCALE 0 — 1 MILE

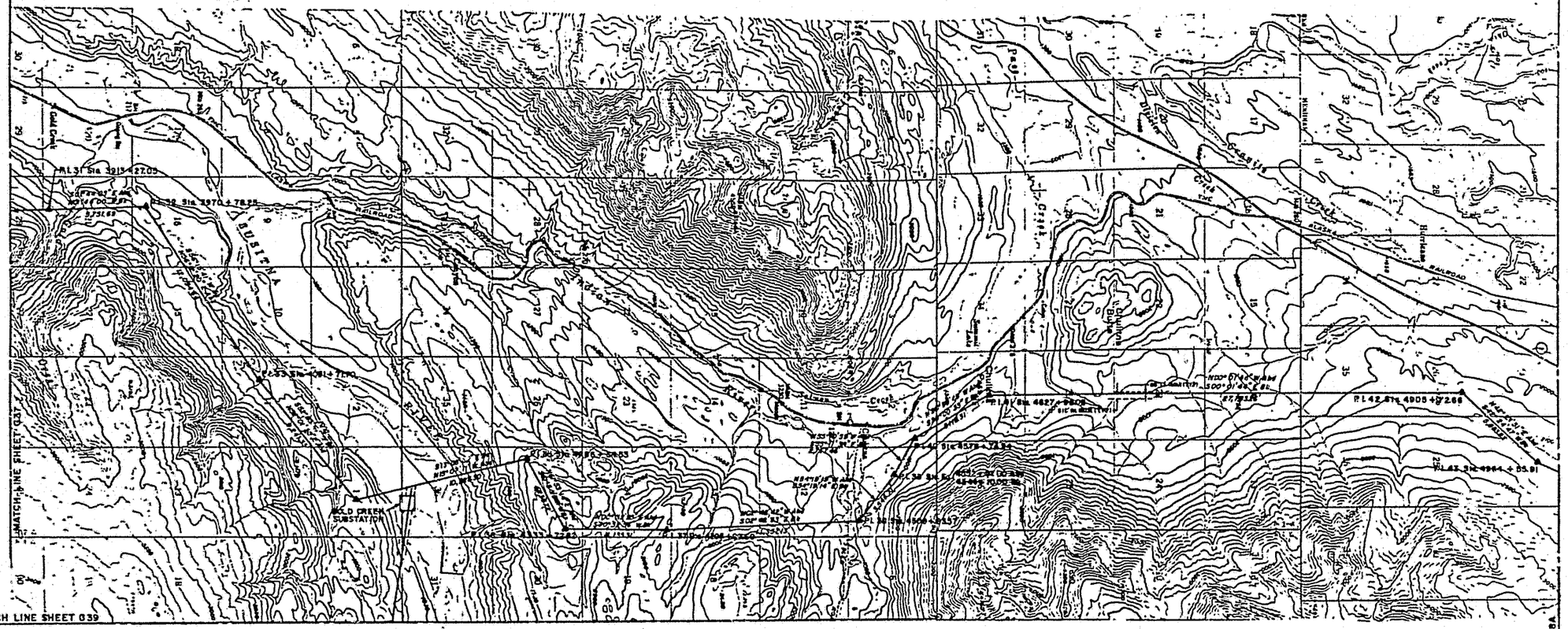
Scale: 1" = .5 mi.

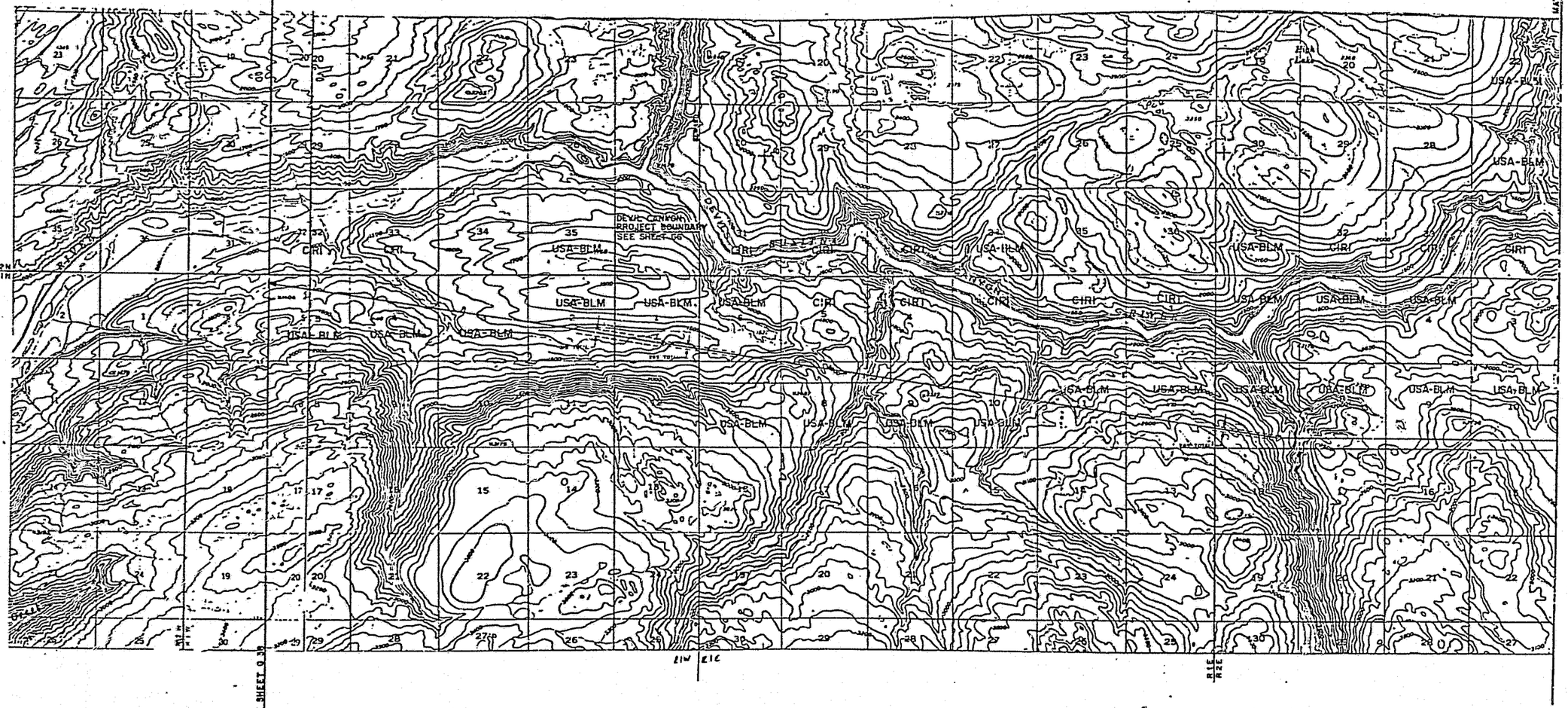
ALASKA POWER AUTHORITY

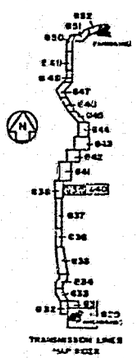
SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE PROJECT BOUNDARY

EXHIBIT G	PLATE G37


MATCH LINE SHEET G37
MATCH LINE SHEET G39
MATCH LINE 38A
SUSITNA
RIVER
Cook Inlet
Talkeetna
Chulitna
Gold Creek
Indian
Curry
Hurricane
Sherman
Broad Pass
Denali
Cantwell
Healy
Nenana
Fairbanks
Anchorage
Seward
Kenai
Homer
Valdez
Cordova
Kodiak
Dillingham
Bethel
Nome
Kotzebue
Barrow
Fort Yukon
Bettles
Galena
Tanana
Ruby
Aniak
Cold Bay
Dutch Harbor
Adak
Shemya
Attu
Kiska
Unalaska
Sitka
Ketchikan
Juneau
Yakutat
Cordova
Valdez





LAND OWNERSHIP SCHEDULE

USA-BLM	— BUREAU OF LAND MANAGEMENT
AK	— STATE OF ALASKA
CIRI	— COOK INLET REGION, INC.
US ARMY	— UNITED STATES ARMY
USAF	— UNITED STATES AIR FORCE
MAT-SU	— MATANUSKA-SUSITNA BOROUGH
M OF ANC	— MUNICIPALITY OF ANCHORAGE

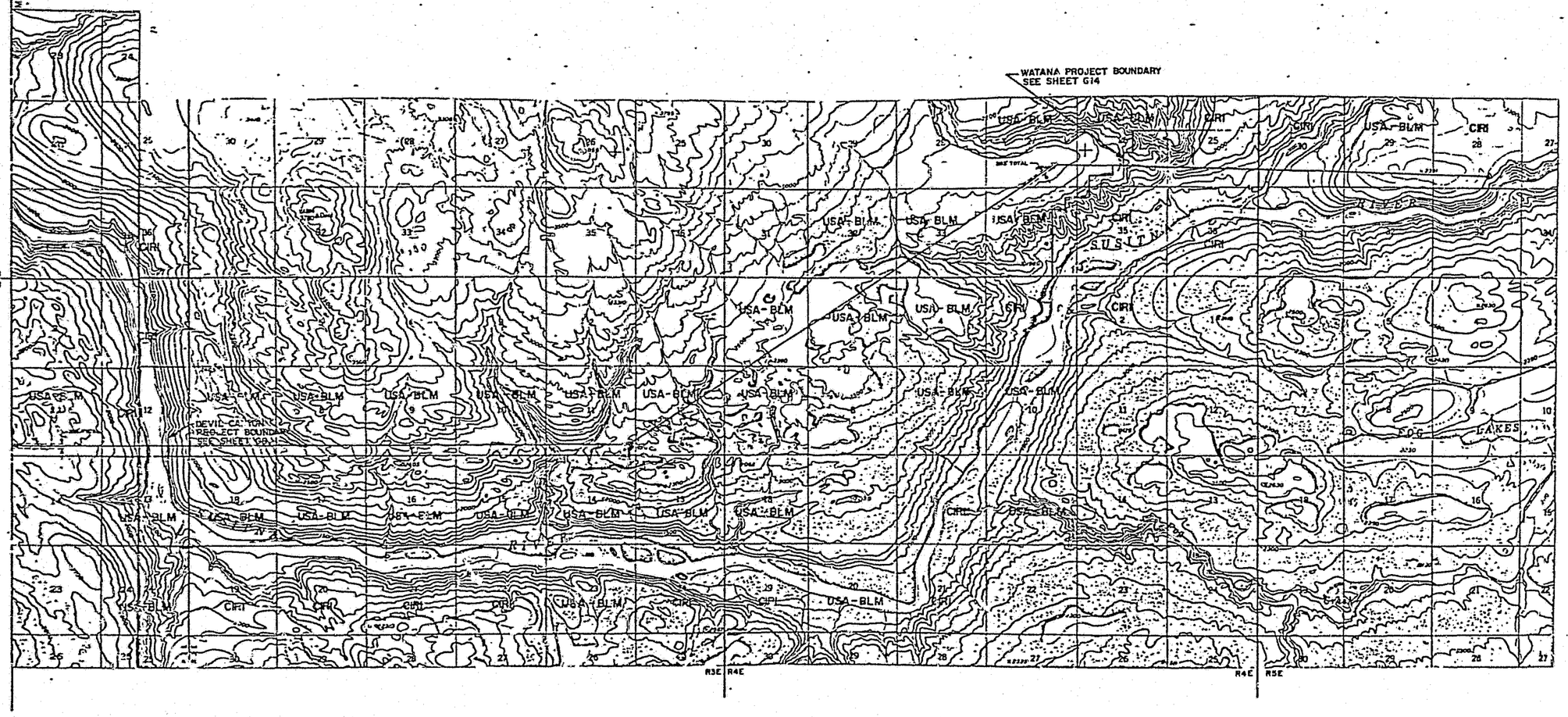
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

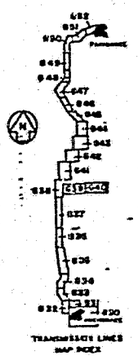
THIS SHEET IS COMPOSED OF
U.S.G.S. QUADRANGLE: TALKEETNA MOUNTAINS (D-5)

ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE
PROJECT BOUNDARY

EXHIBIT G	PLATE G 39





SCALE 0 1 MILE

Scale: 1" = .5mi.

LAND OWNERSHIP SCHEDULE

USA-BLM	— BUREAU OF LAND MANAGEMENT
AK	— STATE OF ALASKA
CIRI	— COOK INLET REGION, INC.
US ARMY	— UNITED STATES ARMY
USAF	— UNITED STATES AIR FORCE
MAT-SU	— MATANUSKA-SUSITNA BOROUGH
M OF ANC	— MUNICIPALITY OF ANCHORAGE

NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

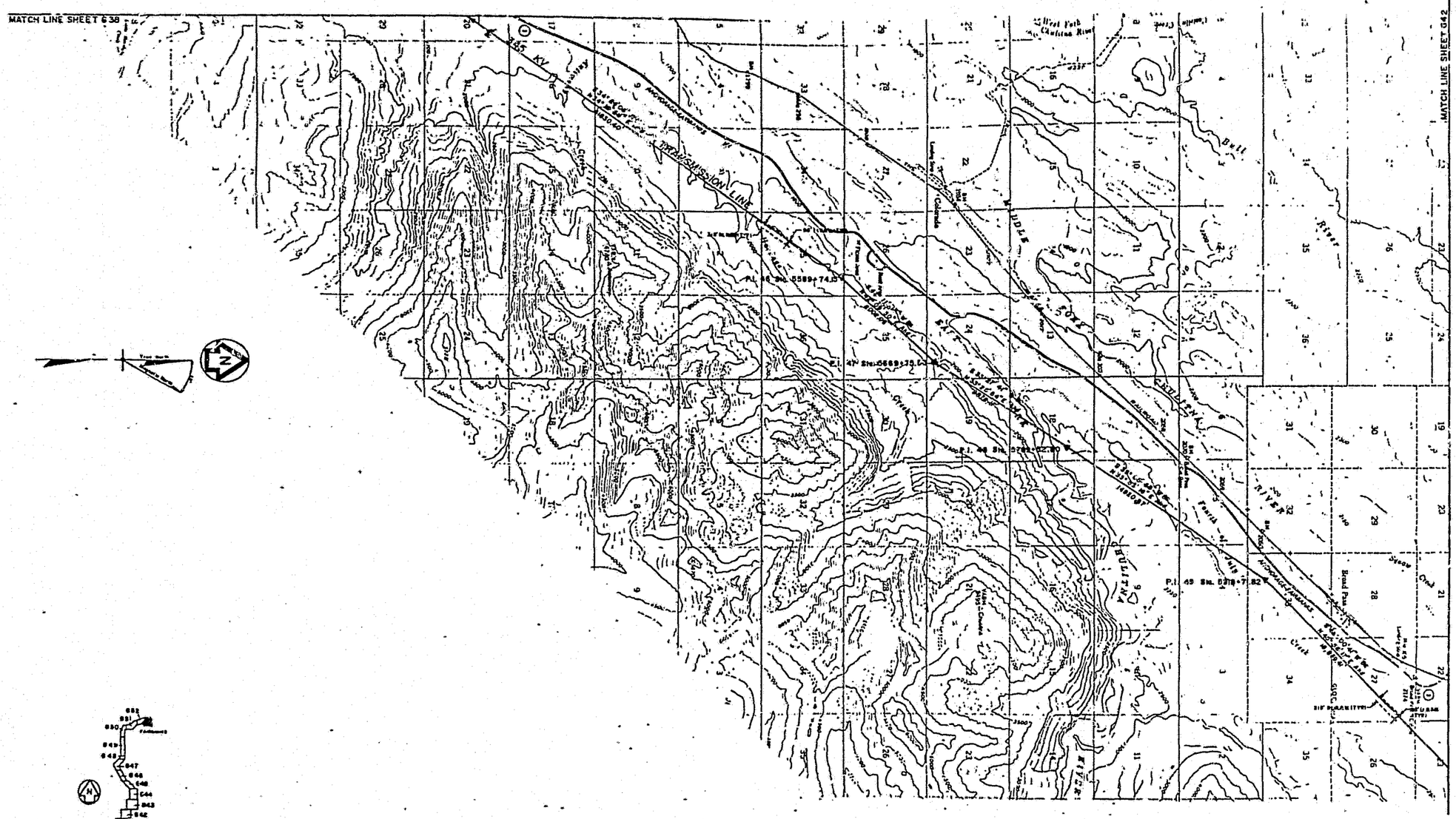
THIS SHEET IS A COMPOSITE OF THE FOLLOWING U.S.G.S. QUADRANGLES: TALKEETNA MOUNTAINS (D-5), TALKEETNA MOUNTAINS (D-4).

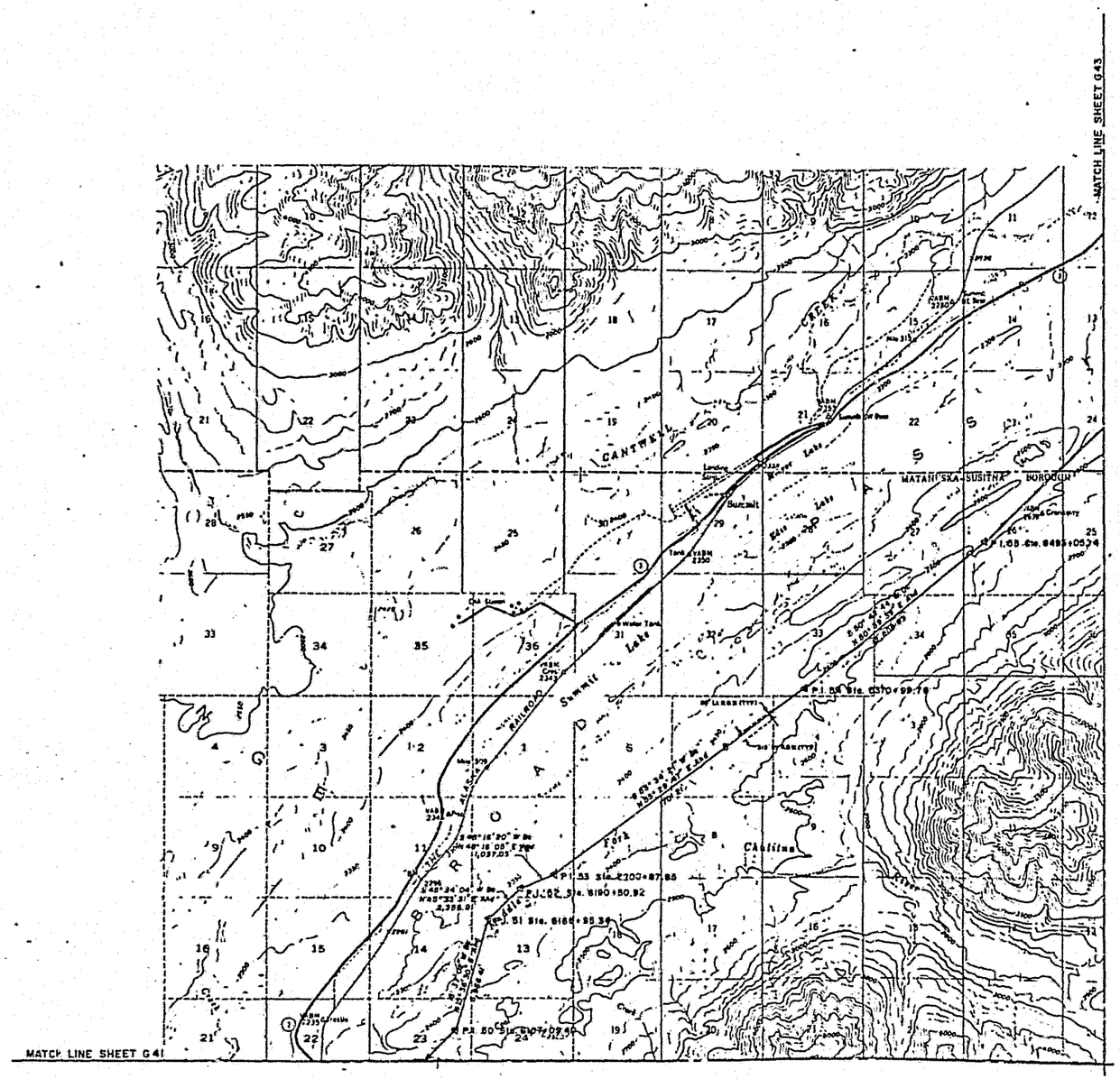
ALASKA POWER AUTHORITY

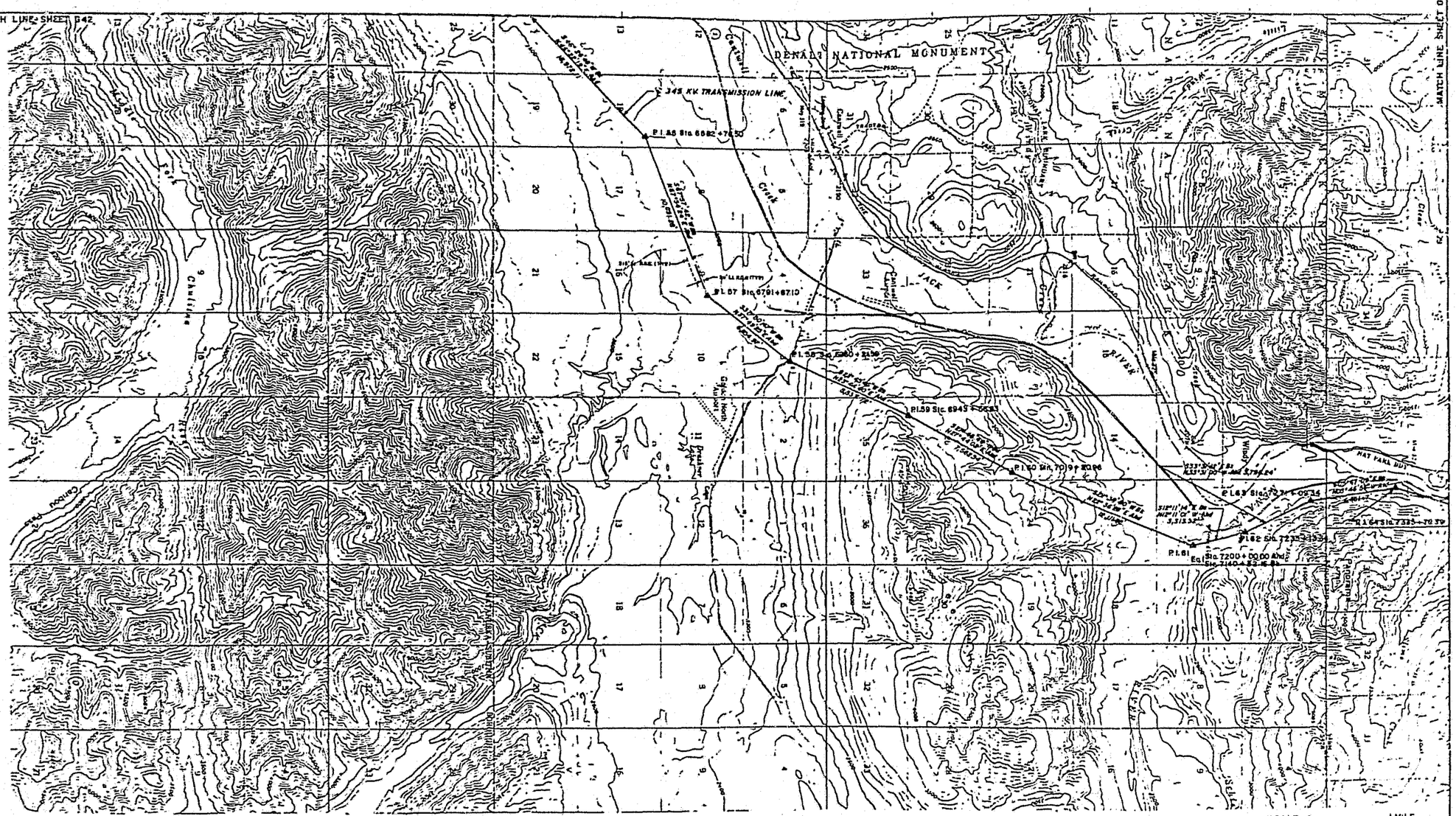
SUSITNA HYDROELECTRIC PROJECT

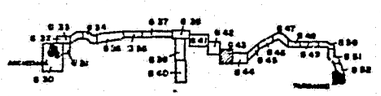
TRANSMISSION LINE PROJECT BOUNDARY

EXHIBIT G | PLATE G40


MATCH LINE SHEET G38
MATCH LINE SHEET G42
345 KV
TOTEM TRANSMISSION LINE
P.I. 46 Sta. 5589+74.55
P.I. 47 Sta. 5669+73.
P.I. 48 Sta. 5788+52.80
P.I. 49 Sta. 5878+7.82
Fourth of July Creek
Broad Pass
Sheep Creek
Lake Creek
Colorado
Dutch Creek
Dutch Creek
Dutch Creek


MATCH LINE SHEET G43
MATCH LINE SHEET G41
CANTWELL
MATANUSKA-SUSITNA BOROUGH
Summit Lake
Fort Greely
Gulkana
Glennallen
Paxson
Sourdough
Gulkana River
Tonsina
Copper River
Tonsina River
Chitina
Chitina River
Kennicott River
Kennicott
Cordova
Copper Center
Glennallen
Gulkana
Paxson
Sourdough
Tonsina
Chitina





TRANSMISSION LINES
MAP INDEX

LANDS WITHIN THE TRANSMISSION CORRIDOR INDICATED ON THIS SHEET HAVE BEEN ACQUIRED BY THE ALASKA POWER AUTHORITY. THE LINE SHOWN WILL BE CONSTRUCTED IN 1983.

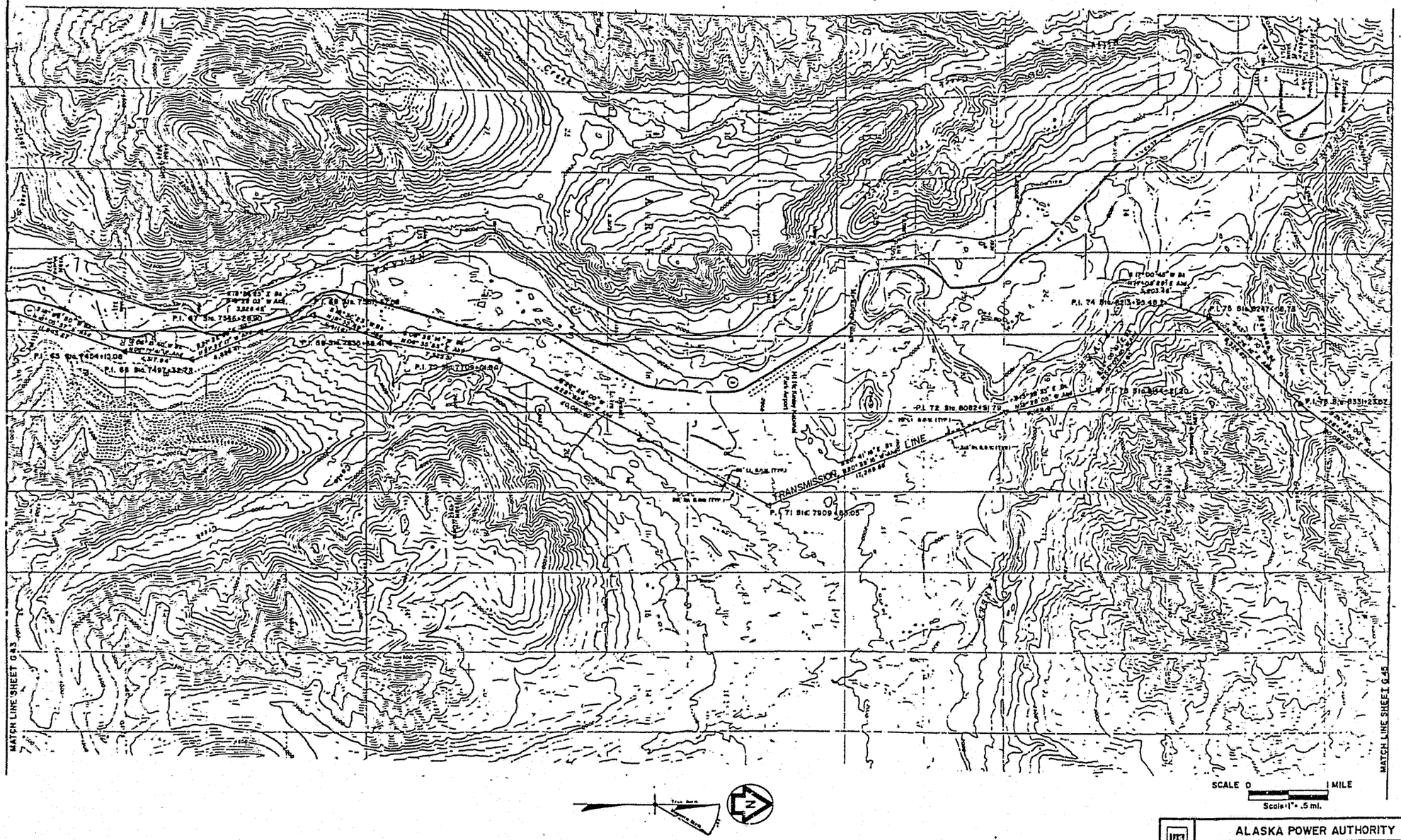
THIS SHEET IS COMPOSED OF U.S.G.S. QUADRANGLE: HEALY (B-4)

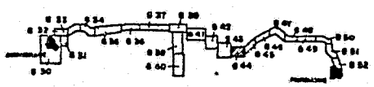
ALASKA POWER AUTHORITY

SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE PROJECT BOUNDARY

EXHIBIT G	PLATE G43





TRANSMISSION LINE
MAP INDEX

LANDS WITHIN THE TRANSMISSION CORRIDOR INDICATED ON THIS SHEET HAVE BEEN ACQUIRED BY THE ALASKA POWER AUTHORITY. THE LINE SHOWN WILL BE CONSTRUCTED IN 1982.

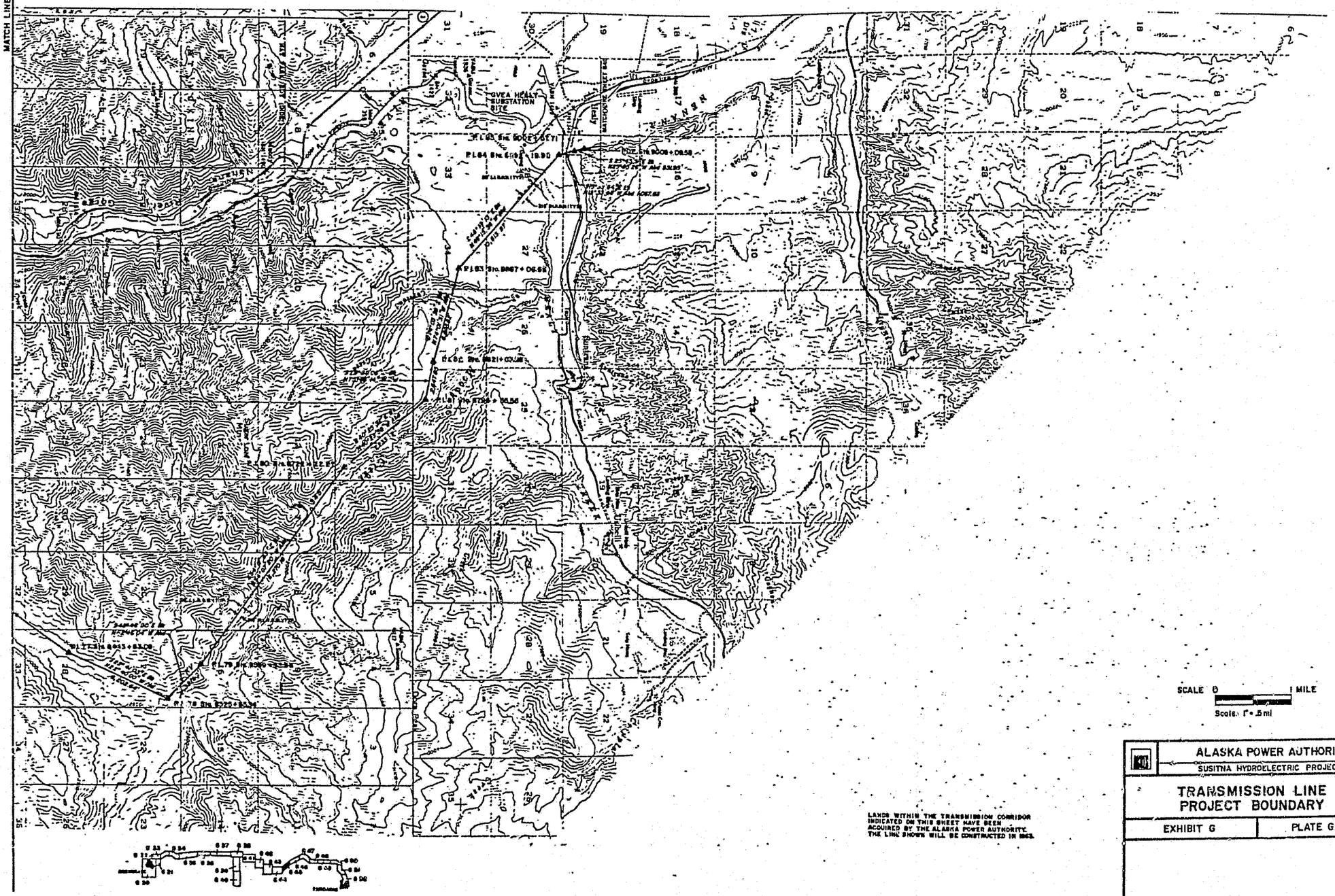
THIS SHEET IS COMPOSED OF U.S.G.S. QUADRANGLE : HEALY (C-4)

ALASKA POWER AUTHORITY

SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE
PROJECT BOUNDARY

EXHIBIT G	PLATF G 44



LANDS WITHIN THE TRANSMISSION CORRIDOR INDICATED ON THIS SHEET HAVE BEEN ACQUIRED BY THE ALASKA POWER AUTHORITY. THE LINE SHOWN WILL BE CONSTRUCTED IN 1983.

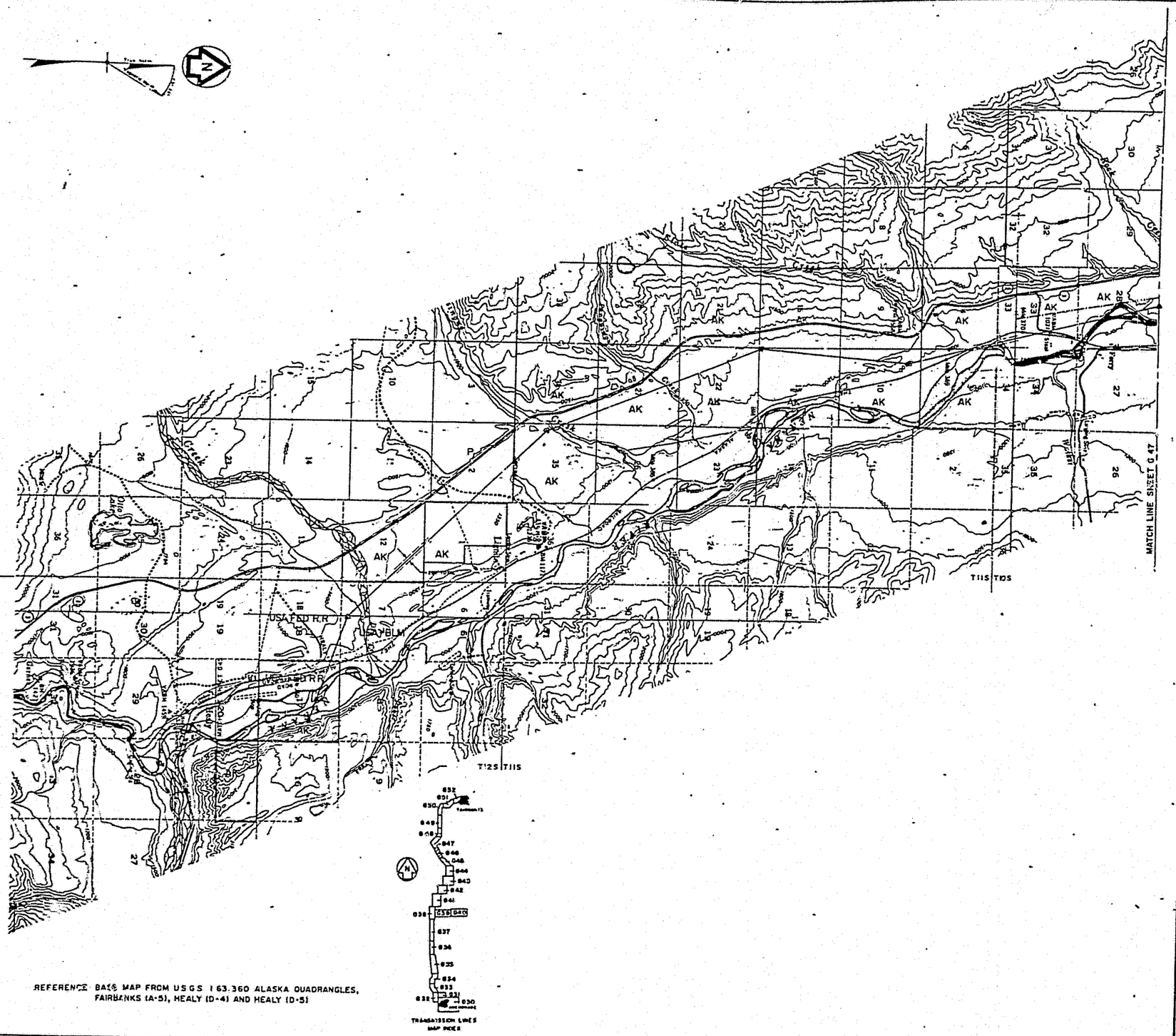
THIS SHEET IS COMPOSED OF U.S.G.S. QUADRANGLE: HEALY (D-4)

ALASKA POWER AUTHORITY

SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE PROJECT BOUNDARY

EXHIBIT G	PLATE G 45



LAND OWNERSHIP SCHEDULE

USA-BLM	– BUREAU OF LAND MANAGEMENT
AK	– STATE OF ALASKA
CIRI	– COOK INLET REGION, INC.
US ARMY	– UNITED STATES ARMY
USAF	– UNITED STATES AIR FORCE
USA FED RR	– UNITED STATES FEDERAL RAILROAD
P	– PRIVATE

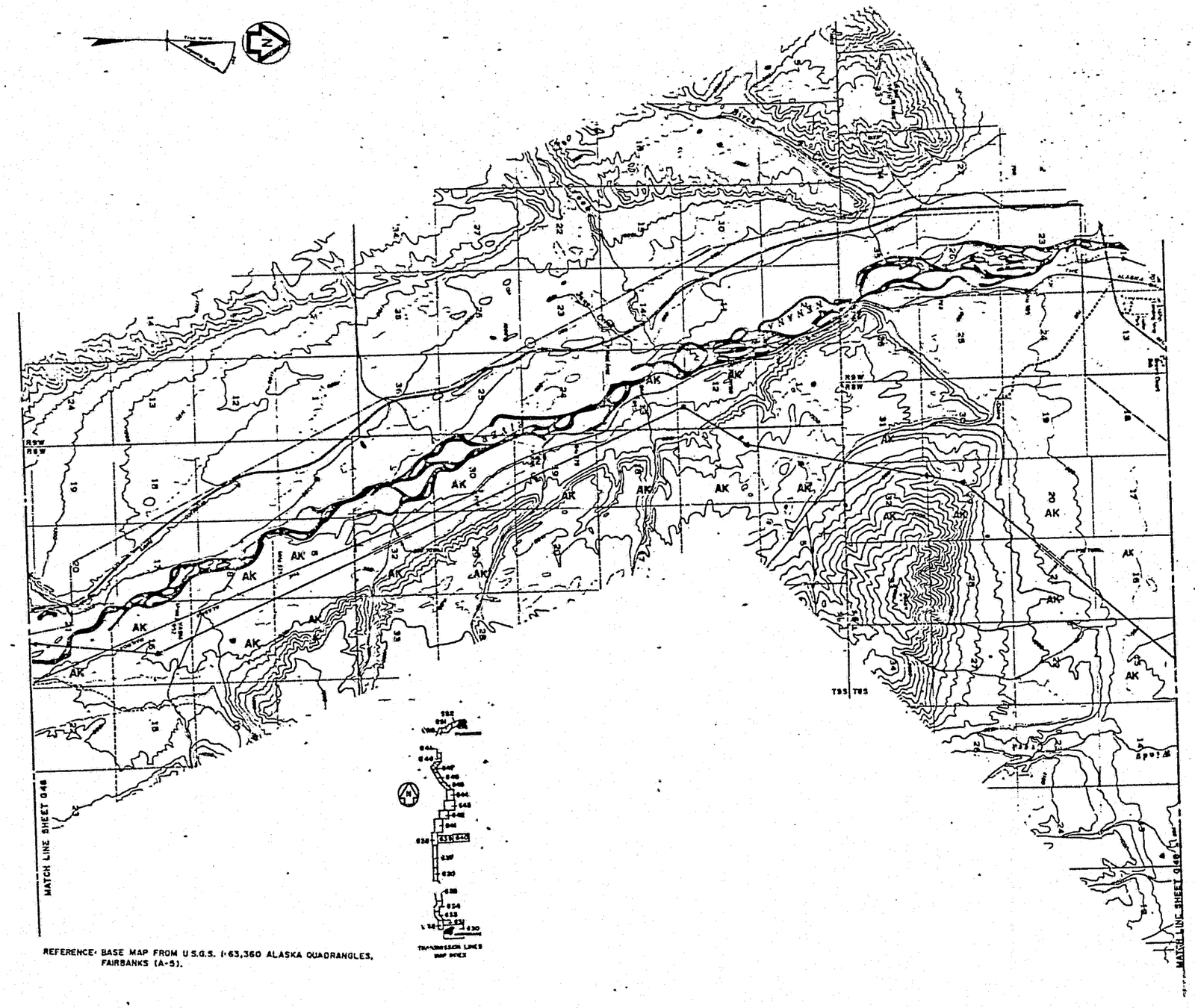
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

SCALE 0 1 MILE
Scale: 1" = .5 mi.

ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE
PROJECT BOUNDARY

EXHIBIT G | PLATE G 46



REFERENCE: BASE MAP FROM U.S.G.S. 1:63,360 ALASKA QUADRANGLES, FAIRBANKS (A-5).

LAND OWNERSHIP SCHEDULE

USA-BLM	– BUREAU OF LAND MANAGEMENT
AK	– STATE OF ALASKA
CIRI	– COOK INLET REGION, INC.
US ARMY	– UNITED STATES ARMY
USAF	– UNITED STATES AIR FORCE
MAT-SU	– MATANUSKA-SUSITNA BOROUGH
M OF ANC	– MUNICIPALITY OF ANCHORAGE

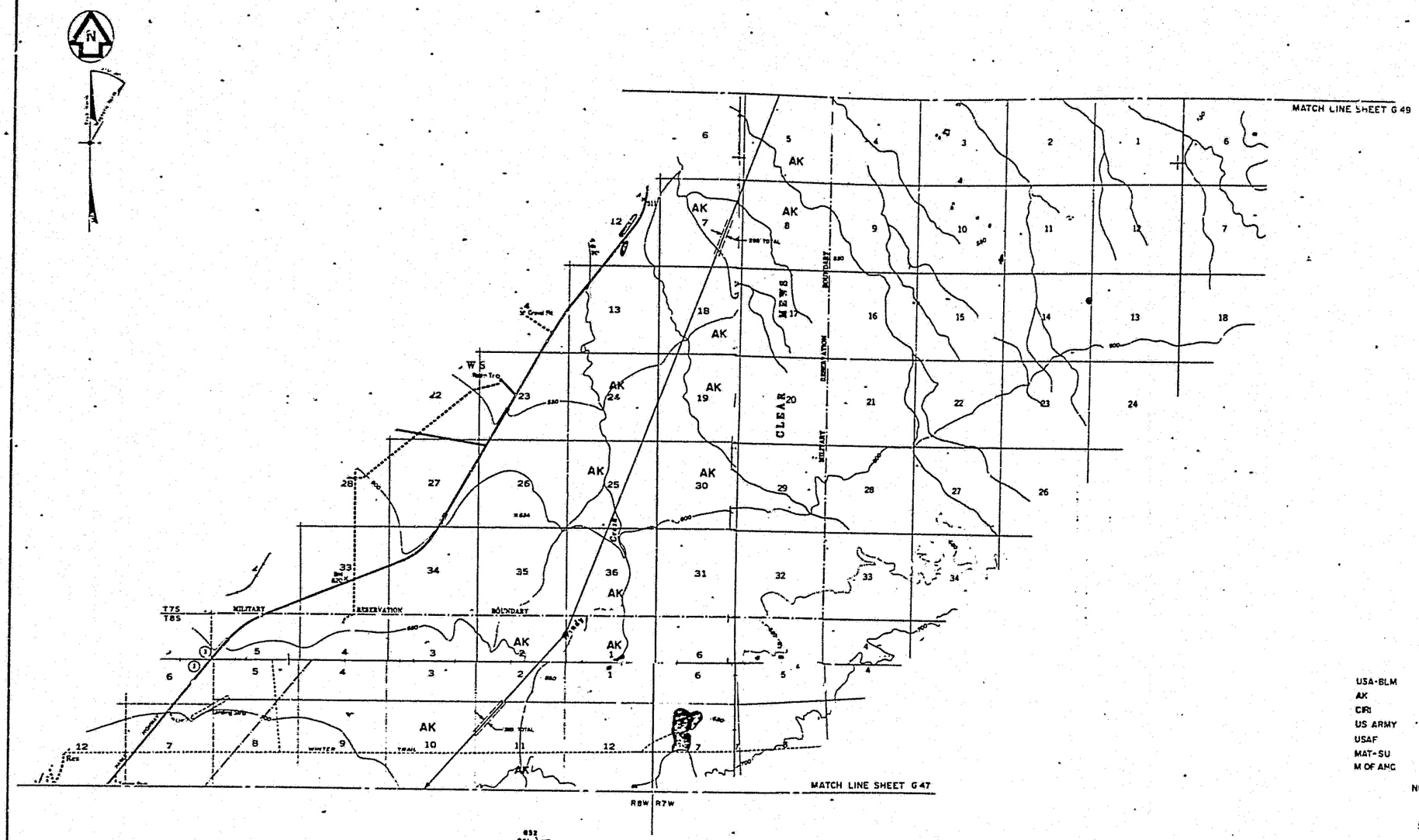
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

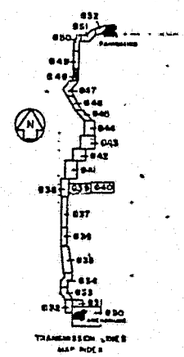
SCALE 0 1 MILE
Scale 1" = .5 mi.

ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE
PROJECT BOUNDARY

EXHIBIT G	PLATE G47





REFERENCE: BASE MAP FROM USGS 1:63,360 ALASKA QUADRANGLES, FAIRBANKS (A-4), FAIRBANKS (A-5), FAIRBANKS (B-4), AND FAIRBANKS (B-5)

LAND OWNERSHIP SCHEDULE

USA-BLM	— BUREAU OF LAND MANAGEMENT
AK	— STATE OF ALASKA
CIRI	— COOK INLET REGION, INC.
US ARMY	— UNITED STATES ARMY
USAF	— UNITED STATES AIR FORCE
MAT-SU	— MATANUSKA-SUSITNA BOROUGH
M OF ANC	— MUNICIPALITY OF ANCHORAGE

NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

SCALE 0 — 1 MILE

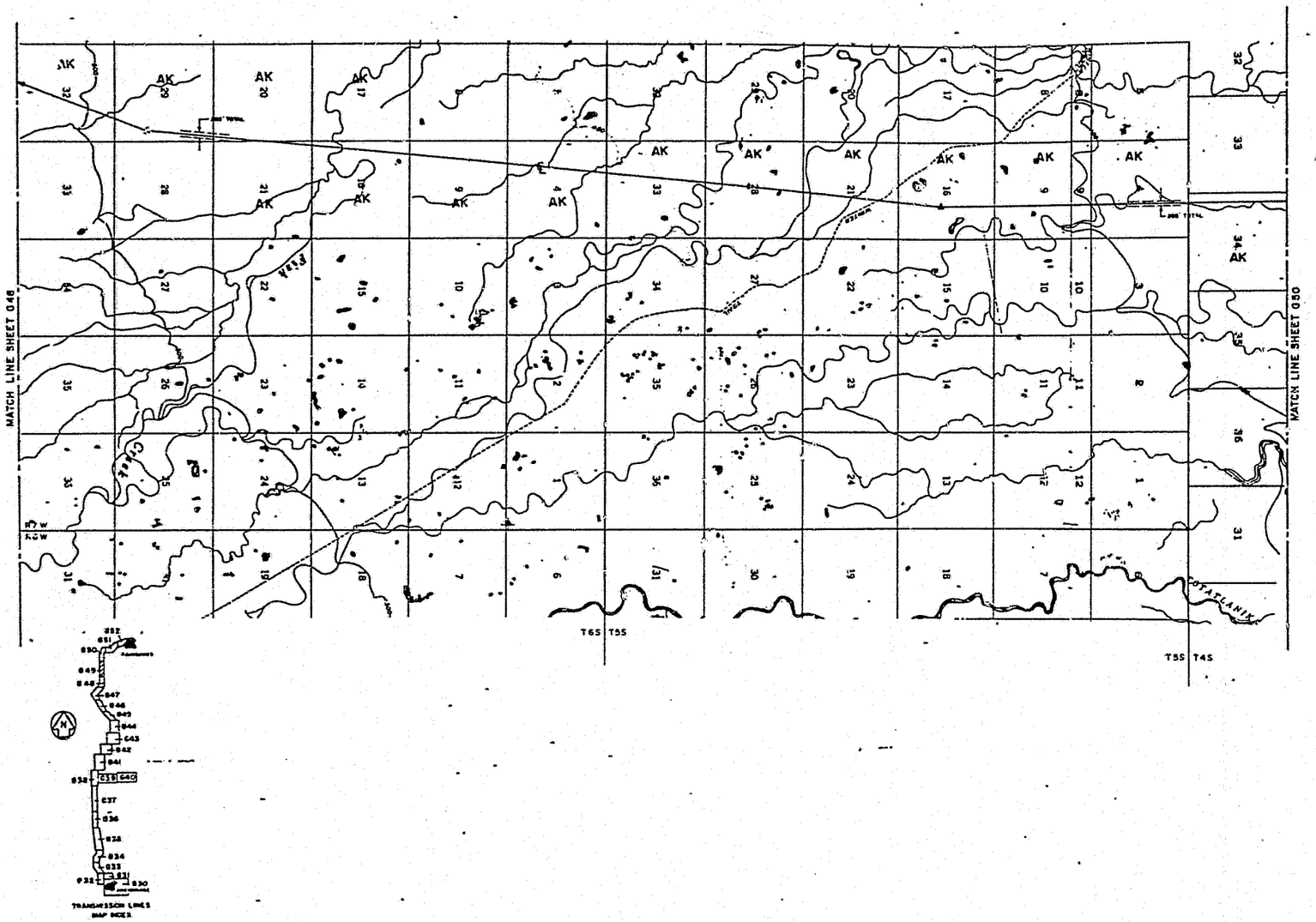
Scale: 1" = .5 mi.

ALASKA POWER AUTHORITY

SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE PROJECT BOUNDARY

EXHIBIT G	PLATE G4B



REFERENCE: BASE MAP FROM USGS 1:63,360 ALASKA QUADRANGLES, FAIRBANKS (B-4) AND FAIRBANKS (C-4)

LAND OWNERSHIP SCHEDULE

USA-BLM	– BUREAU OF LAND MANAGEMENT
AK	– STATE OF ALASKA
CIRI	– COOK INLET REGION, INC.
US ARMY	– UNITED STATES ARMY
USAF	– UNITED STATES AIR FORCE
MAT-SU	– MATANUSKA-SUSITNA BOROUGH
M OF ANC	– MUNICIPALITY OF ANCHORAGE

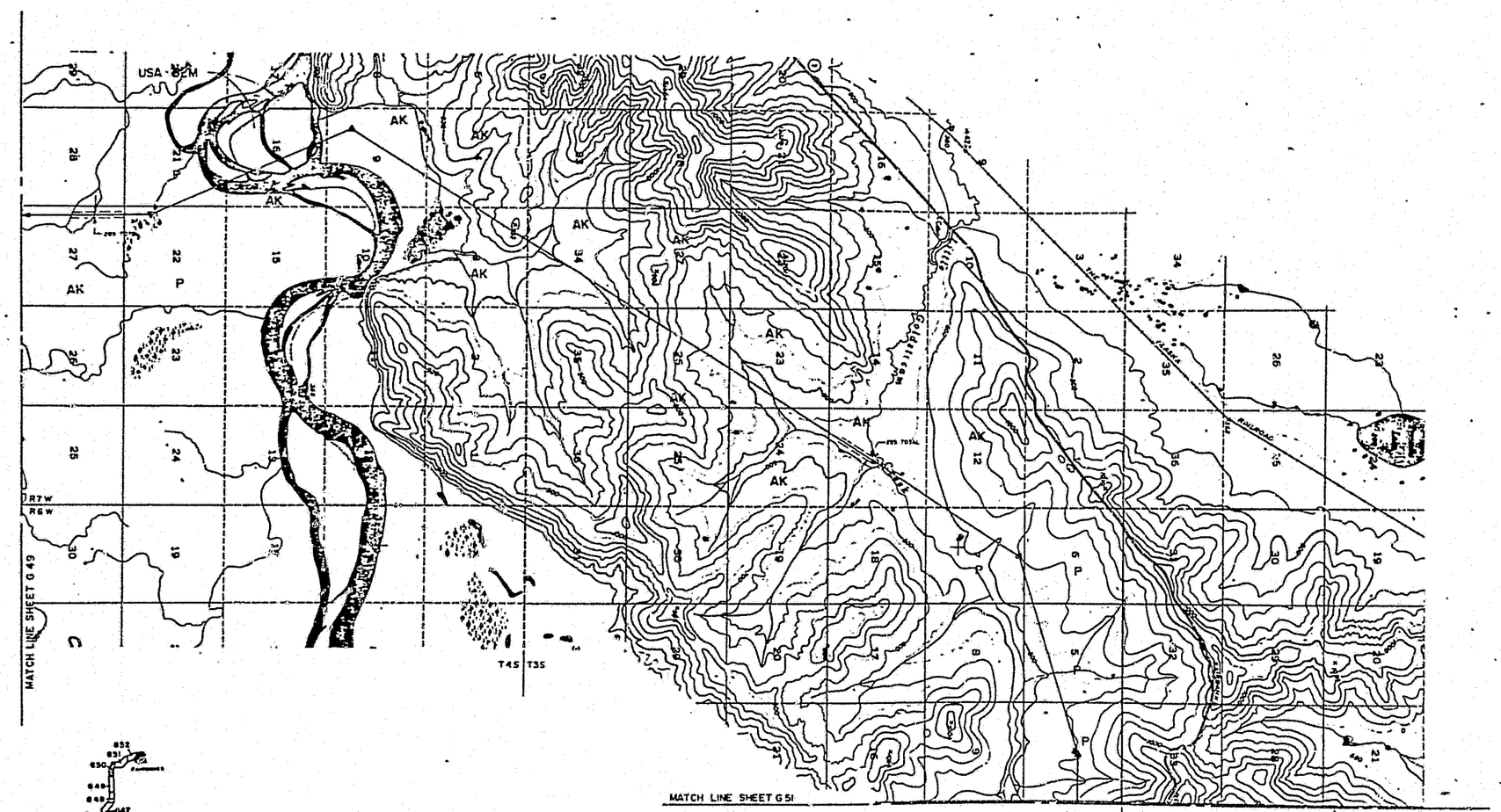
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

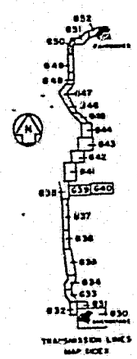
SCALE 0 1 MILE
Scale 1" = 5 mi

ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE PROJECT BOUNDARY

EXHIBIT G	PLATE G 49





REFERENCE: BASE MAP FROM U.S.G.S. 1:63,360 ALASKA QUADRANGLE, FAIRBANKS (C-4)

LAND OWNERSHIP SCHEDULE

USA-BLM	— BUREAU OF LAND MANAGEMENT
AK	— STATE OF ALASKA
CIRI	— COOK INLET REGION, INC.
US ARMY	— UNITED STATES ARMY
USAF	— UNITED STATES AIR FORCE
P	— PRIVATE
M OF ANC	— MUNICIPALITY OF ANCHORAGE

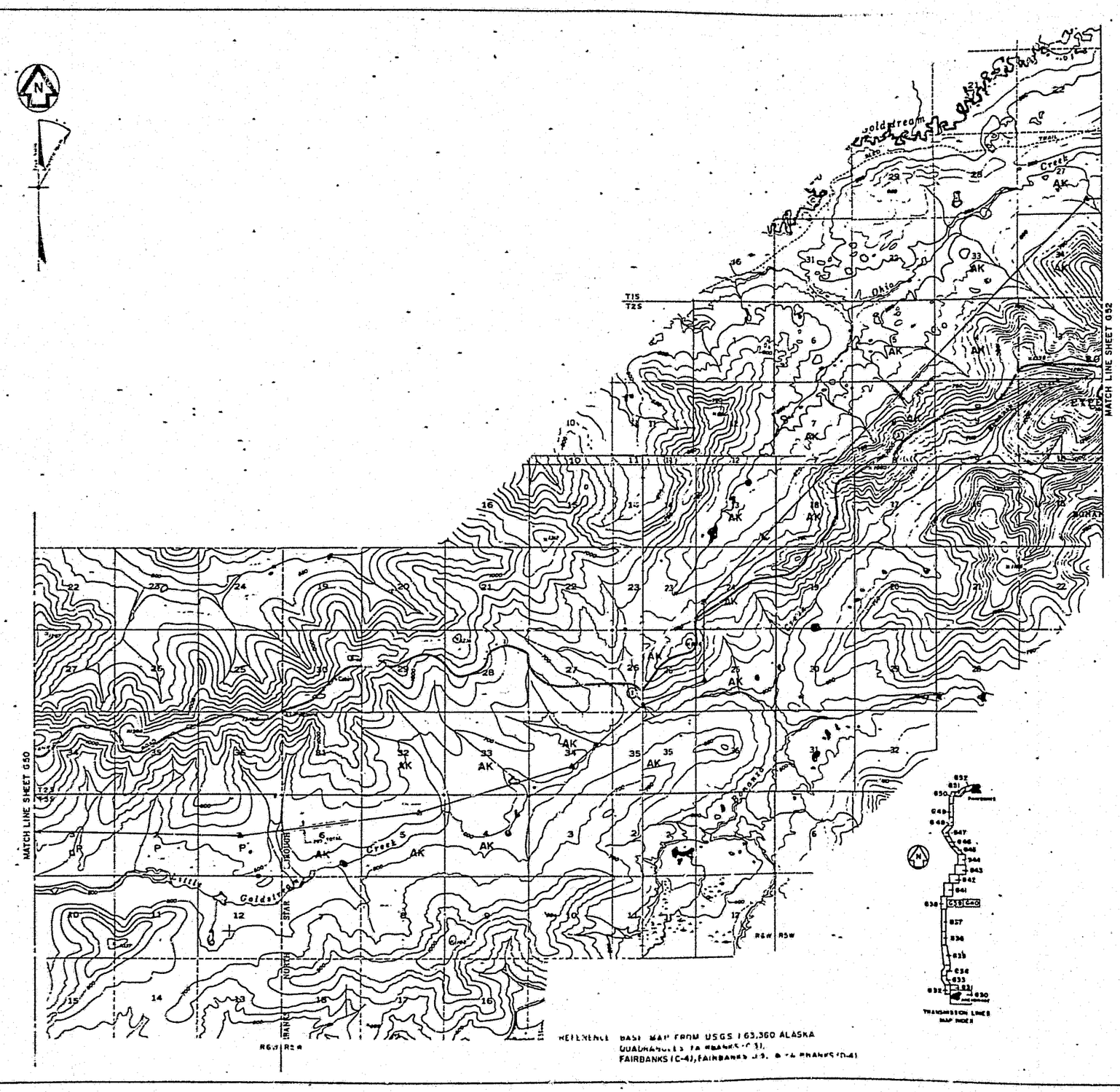
NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

SCALE 0 1 MILE
Scale 1" = .5 mi

ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE PROJECT BOUNDARY

EXHIBIT G	PLATE G50



LAND OWNERSHIP SCHEDULE

USA-BLM	— BUREAU OF LAND MANAGEMENT
AK	— STATE OF ALASKA
CIRI	— COOK INLET REGION, INC.
US ARMY	— UNITED STATES ARMY
USAF	— UNITED STATES AIR FORCE
MAT-SU	— MATANUSKA-SUSITNA BOROUGH
P	— PRIVATE

NOTE: ALL LAND OWNERSHIP BY SECTIONS UNLESS OTHERWISE SHOWN

SCALE 0 — 1 MILE

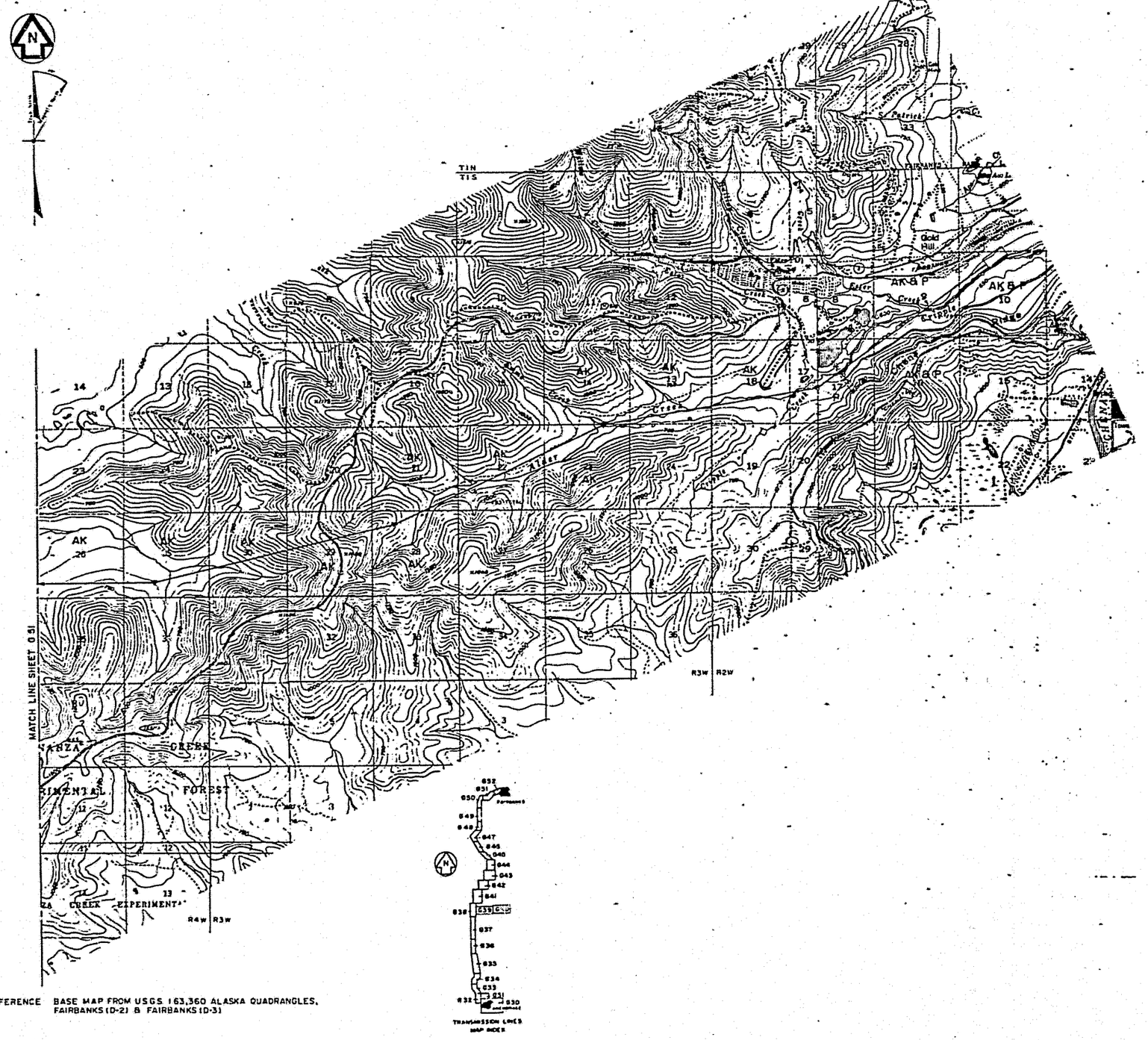
Scale: 1" = .5mi.

ALASKA POWER AUTHORITY

SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE PROJECT BOUNDARY

EXHIBIT G	PLATE G 51



REFERENCE BASE MAP FROM USGS 1:63,360 ALASKA QUADRANGLES, FAIRBANKS (D-2) & FAIRBANKS (D-3)

LAND OWNERSHIP SCHEDULE

USA-BLM	— BUREAU OF LAND MANAGEMENT
AK	— STATE OF ALASKA
CIRI	— COOK INLET REGION, INC.
US ARMY	— UNITED STATES ARMY
USAF	— UNITED STATES AIR FORCE
MAT-SU	— MATANUSKA-SUSITNA BOROUGH
M OF ANC	— MUNICIPALITY OF ANCHORAGE
P	— PRIVATE

NOTE: ALL LAND OWNERSHIP BY SECTIONS, UNLESS OTHERWISE SHOWN

SCALE 0 — 1 MILE

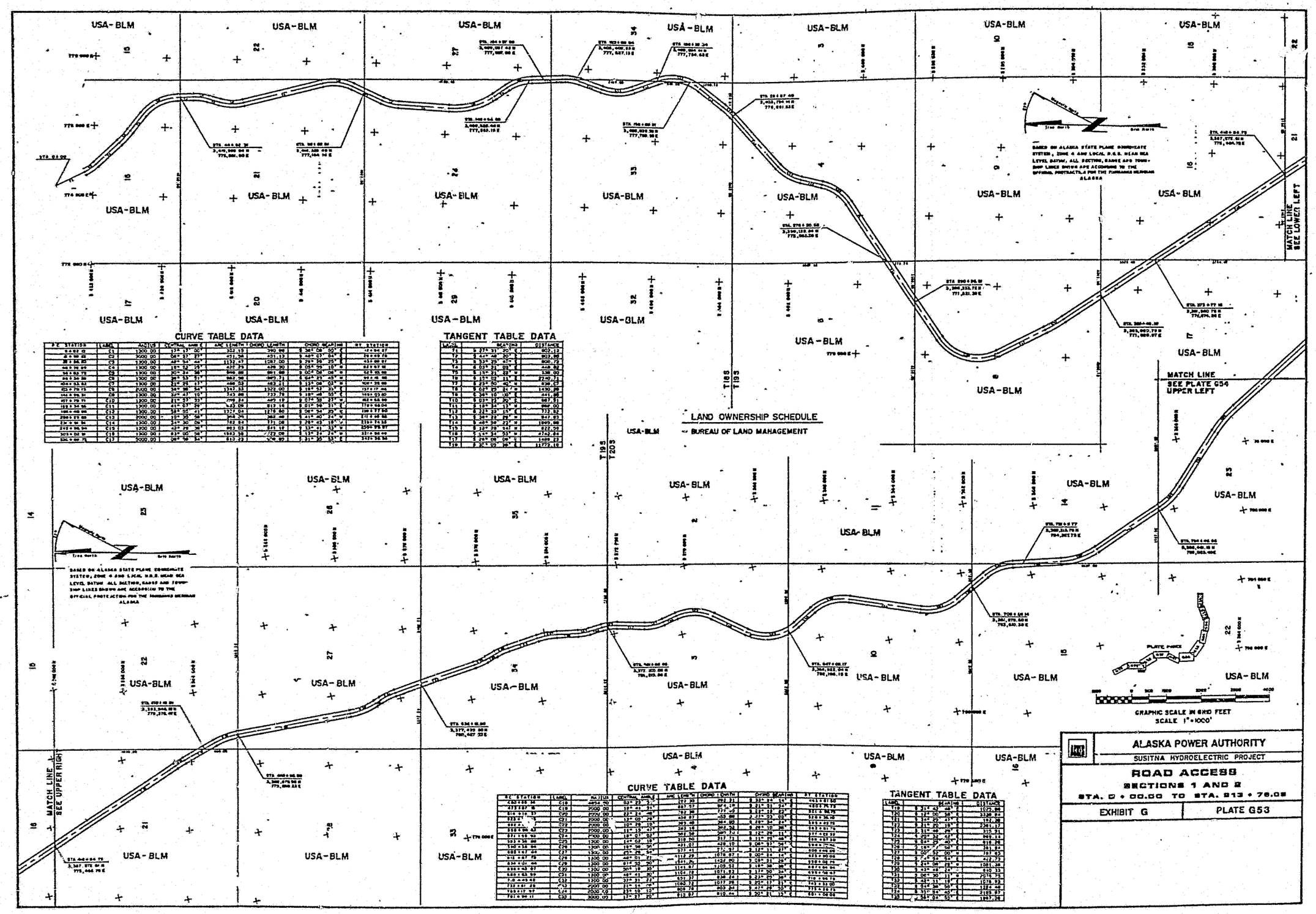
Scale: 1" = .5 mi.

ALASKA POWER AUTHORITY

SUSITNA HYDROELECTRIC PROJECT

TRANSMISSION LINE PROJECT BOUNDARY

EXHIBIT G	PLATE G 52



CURVE TABLE DATA

P.I. STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH / CHORD LENGTH	CHORD BEARING	P.T. STATION
[illegible]	C1	1300.00	[illegible]	352.13	390.66	[illegible]
[illegible]	C2	3000.00	[illegible]	451.38	451.13	[illegible]
[illegible]	C3	1300.00	[illegible]	1132.47	1081.00	[illegible]
[illegible]	C4	1300.00	[illegible]	420.23	420.20	[illegible]
[illegible]	C5	1300.00	[illegible]	896.88	881.88	[illegible]
[illegible]	C6	1300.00	[illegible]	862.38	845.71	[illegible]
[illegible]	C7	1300.00	[illegible]	486.53	483.21	[illegible]
[illegible]	C8	4000.00	[illegible]	1347.53	1323.00	[illegible]
[illegible]	C9	1300.00	[illegible]	743.86	733.79	[illegible]
[illegible]	C10	1300.00	[illegible]	498.84	495.19	[illegible]
[illegible]	C11	1300.00	[illegible]	443.08	812.16	[illegible]
[illegible]	C12	1300.00	[illegible]	1323.04	1278.60	[illegible]
[illegible]	C13	2000.00	[illegible]	368.39	368.40	[illegible]
[illegible]	C14	1300.00	[illegible]	782.84	771.06	[illegible]
[illegible]	C15	1300.00	[illegible]	863.53	845.18	[illegible]
[illegible]	C16	1300.00	[illegible]	1942.38	1722.08	[illegible]
[illegible]	C17	2000.00	[illegible]	812.23	806.89	[illegible]
[illegible]	C18	4000.00	[illegible]	252.31	252.16	[illegible]
[illegible]	C19	4000.00	[illegible]	887.57	874.19	[illegible]
[illegible]	C20	2000.00	[illegible]	787.98	777.40	[illegible]
[illegible]	C21	2000.00	[illegible]	450.87	450.00	[illegible]
[illegible]	C22	2000.00	[illegible]	365.48	364.90	[illegible]
[illegible]	C23	2000.00	[illegible]	383.15	382.53	[illegible]
[illegible]	C24	2000.00	[illegible]	962.56	947.73	[illegible]
[illegible]	C25	1300.00	[illegible]	318.10	317.71	[illegible]
[illegible]	C26	1300.00	[illegible]	431.01	428.10	[illegible]
[illegible]	C27	1300.00	[illegible]	377.41	372.97	[illegible]
[illegible]	C28	1300.00	[illegible]	1118.29	1078.97	[illegible]
[illegible]	C29	1300.00	[illegible]	1041.24	1022.00	[illegible]
[illegible]	C30	1300.00	[illegible]	1161.87	1103.51	[illegible]
[illegible]	C31	1300.00	[illegible]	1164.18	1071.83	[illegible]
[illegible]	C32	1300.00	[illegible]	831.37	836.24	[illegible]
[illegible]	C33	1300.00	[illegible]	377.31	377.25	[illegible]
[illegible]	C34	2000.00	[illegible]	1060.72	1017.28	[illegible]
[illegible]	C35	2000.00	[illegible]	303.78	303.34	[illegible]
[illegible]	C36	2000.00	[illegible]	812.87	810.44	[illegible]

TANGENT TABLE DATA

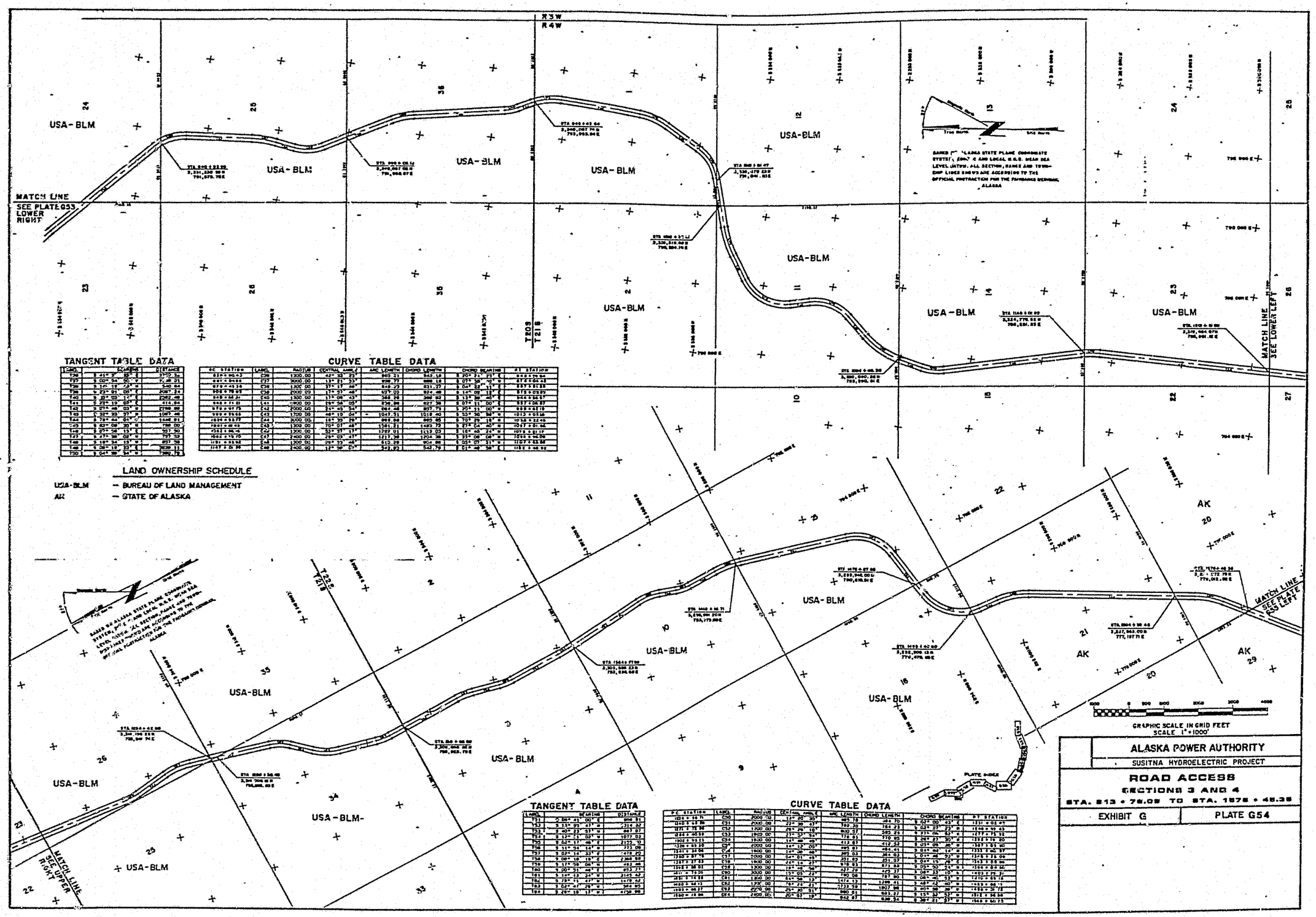
LABEL	BEARING	DISTANCE
T1	S 37° 31' 20" E	902.12
T2	S 44° 48' 20" E	902.88
T3	S 53° 25' 41" E	800.72
T4	S 63° 33' 03" E	440.82
T5	S 13° 21' 23" W	538.00
T6	S 15° 02' 11" E	2740.73
T7	S 23° 50' 40" E	838.27
T8	S 03° 23' 21" W	1430.28
T9	S 36° 10' 10" E	441.88
T10	S 03° 23' 20" E	587.83
T11	S 18° 34' 13" W	898.00
T12	S 26° 33' 18" E	772.82
T13	S 34° 22' 28" E	847.83
T14	S 40° 34' 23" W	1969.88
T15	S 12° 28' 14" W	872.50
T16	S 44° 52' 53" W	4762.84
T17	S 26° 08' 08" W	1489.23
T18	S 24° 02' 38" W	11772.16

CURVE TABLE DATA

P.I. STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH / CHORD LENGTH	CHORD BEARING	P.T. STATION
[illegible]	C19	4000.00	[illegible]	252.31	252.31	[illegible]
[illegible]	C19	2000.00	[illegible]	887.57	874.19	[illegible]
[illegible]	C20	2000.00	[illegible]	787.98	777.40	[illegible]
[illegible]	C21	2000.00	[illegible]	450.87	450.00	[illegible]
[illegible]	C22	2000.00	[illegible]	365.48	364.90	[illegible]
[illegible]	C23	2000.00	[illegible]	383.15	382.53	[illegible]
[illegible]	C24	2000.00	[illegible]	962.56	947.73	[illegible]
[illegible]	C25	1300.00	[illegible]	318.10	317.71	[illegible]
[illegible]	C26	1300.00	[illegible]	431.01	428.10	[illegible]
[illegible]	C27	1300.00	[illegible]	377.41	372.97	[illegible]
[illegible]	C28	1300.00	[illegible]	1118.29	1078.97	[illegible]
[illegible]	C29	1300.00	[illegible]	1041.24	1022.00	[illegible]
[illegible]	C30	1300.00	[illegible]	1161.87	1103.51	[illegible]
[illegible]	C31	1300.00	[illegible]	1164.18	1071.83	[illegible]
[illegible]	C32	1300.00	[illegible]	831.37	836.24	[illegible]
[illegible]	C33	1300.00	[illegible]	377.31	377.25	[illegible]
[illegible]	C34	2000.00	[illegible]	1060.72	1017.28	[illegible]
[illegible]	C35	2000.00	[illegible]	303.78	303.34	[illegible]
[illegible]	C36	2000.00	[illegible]	812.87	810.44	[illegible]

TANGENT TABLE DATA

LABEL	BEARING	DISTANCE
T19	S 31° 43' 48" E	1022.88
T20	S 32° 00' 38" E	3328.84
T21	S 34° 29' 41" E	1121.28
T22	S 31° 20' 18" E	2341.17
T23	S 41° 48' 29" E	315.31
T24	S 20° 32' 42" E	849.14
T25	S 04° 29' 40" E	818.26
T26	S 18° 07' 52" E	1861.84
T27	S 00° 52' 00" W	787.63
T28	S 14° 34' 54" E	422.73
T29	S 20° 28' 28" W	1081.38
T30	S 43° 48' 24" W	510.33
T31	S 06° 30' 11" W	2076.75
T32	S 43° 11' 18" E	1076.23
T33	S 04° 38' 50" E	1224.48
T34	S 31° 34' 45" E	2185.97
T35	S 34° 22' 53" E	1957.26



TANGENT TABLE DATA

LABEL	BEARING	DISTANCE
T26	S 41° 2' 55" E	3702.34
T27	S 00° 54' 50" W	7,48.21
T28	S 14° 19' 23" W	240.44
T39	S 02° 01' 00" E	2087.24
T40	S 20° 00' 11" E	2262.48
T41	S 27° 10' 04" E	414.84
T42	S 07° 49' 03" E	2196.88
T43	S 22° 23' 07" E	1087.46
T44	S 78° 40' 04" E	1446.81
T45	S 60° 00' 30" E	788.00
T46	S 07° 38' 13" E	357.90
T47	S 47° 38' 00" E	797.32
T48	S 18° 34' 13" W	837.38
T49	S 38° 19' 23" E	2639.11
T50	S 04° 38' 34" E	780.79

CURVE TABLE DATA

PC STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	PT STATION
[illegible]	C26	1200.00	42° 23' 23"	903.21	882.18	S 20° 11' 21" E	[illegible]
[illegible]	C27	2000.00	13° 21' 33"	466.77	465.58	S 07° 38' 07" E	[illegible]
[illegible]	C38	1300.00	35° 11' 46"	798.72	831.07	S 04° 52' 11" E	[illegible]
[illegible]	C39	2000.00	17° 37' 48"	615.02	612.48	S 14° 08' 18" E	[illegible]
[illegible]	C40	1300.00	17° 08' 43"	388.78	388.83	S 13° 39' 05" E	[illegible]
[illegible]	C41	11900.00	2° 04' 03"	428.88	427.76	S 07° 11' 00" E	[illegible]
[illegible]	C42	2000.00	24° 45' 54"	864.48	857.73	S 22° 11' 00" E	[illegible]
[illegible]	C43	1700.00	46° 10' 04"	1047.51	1018.40	S 53° 30' 38" E	[illegible]
[illegible]	C44	3000.00	16° 30' 29"	863.86	860.65	S 70° 29' 15" E	[illegible]
[illegible]	C45	1300.00	70° 07' 48"	1591.31	1493.72	S 27° 04' 40" E	[illegible]
[illegible]	C46	1300.00	53° 27' 17"	1212.01	1133.03	S 16° 05' 24" W	[illegible]
[illegible]	C47	2400.00	29° 03' 41"	1217.38	1204.38	S 27° 08' 08" W	[illegible]
[illegible]	C48	1200.00	29° 33' 46"	610.29	604.88	S 03° 07' 31" W	[illegible]
[illegible]	C49	2400.00	12° 38' 07"	542.83	541.79	S 01° 48' 38" E	[illegible]

LAND OWNERSHIP SCHEDULE

USA-BLM — BUREAU OF LAND MANAGEMENT
AK — STATE OF ALASKA

TANGENT TABLE DATA

LABEL	BEARING	DISTANCE
T31	S 06° 41' 00" E	206.81
T32	S 13° 22' 47" W	1314.32
T33	S 40° 33' 31" W	481.87
T34	S 17° 21' 02" W	1072.02
T35	S 02° 17' 48" E	3122.10
T36	S 11° 34' 14" E	773.08
T37	S 02° 14' 33" E	1418.20
T38	S 08° 16' 19" E	2,368.68
T39	S 17° 38' 04" W	492.48
T40	S 00° 51' 48" E	893.71
T41	S 14° 12' 24" W	3145.42
T42	S 19° 11' 47" W	1476.42
T43	S 02° 47' 29" W	344.83
T44	S 26° 18' 12" W	4,158.98

CURVE TABLE DATA

PC STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	PT STATION
[illegible]	C50	2000.00	13° 20' 30"	465.78	464.70	S 02° 00' 43" E	[illegible]
[illegible]	C51	2000.00	22° 30' 23"	780.30	784.23	S 02° 27' 23" W	[illegible]
[illegible]	C52	1200.00	26° 20' 18"	550.37	545.71	S 27° 04' 53" W	[illegible]
[illegible]	C53	1900.00	21° 37' 34"	716.83	710.69	S 24° 27' 30" W	[illegible]
[illegible]	C54	1530.00	14° 46' 49"	413.83	412.53	S 01° 00' 20" W	[illegible]
[illegible]	C55	2000.00	14° 12' 00"	495.97	494.41	S 01° 42' 10" W	[illegible]
[illegible]	C56	1900.00	14° 30' 48"	387.03	386.03	S 01° 46' 52" E	[illegible]
[illegible]	C57	2000.00	24° 51' 49"	867.36	851.69	S 01° 11' 00" E	[illegible]
[illegible]	C58	1900.00	24° 14' 27"	804.13	798.03	S 02° 13' 00" E	[illegible]
[illegible]	C59	1200.00	19° 48' 36"	417.28	415.27	S 05° 50' 21" E	[illegible]
[illegible]	C60	2000.00	17° 03' 03"	594.08	592.08	S 06° 33' 10" E	[illegible]
[illegible]	C61	1300.00	64° 36' 13"	1414.13	1340.41	S 06° 40' 53" W	[illegible]
[illegible]	C62	1700.00	78° 22' 21"	2233.38	1807.98	S 48° 42' 40" W	[illegible]
[illegible]	C63	2500.00	25° 20' 31"	1480.31	1468.83	S 40° 38' 26" W	[illegible]
[illegible]	C64	2500.00	20° 07' 19"	843.27	839.37	S 13° 33' 32" W	[illegible]
				842.87	838.34	S 36° 31' 37" W	[illegible]

ALASKA POWER AUTHORITY

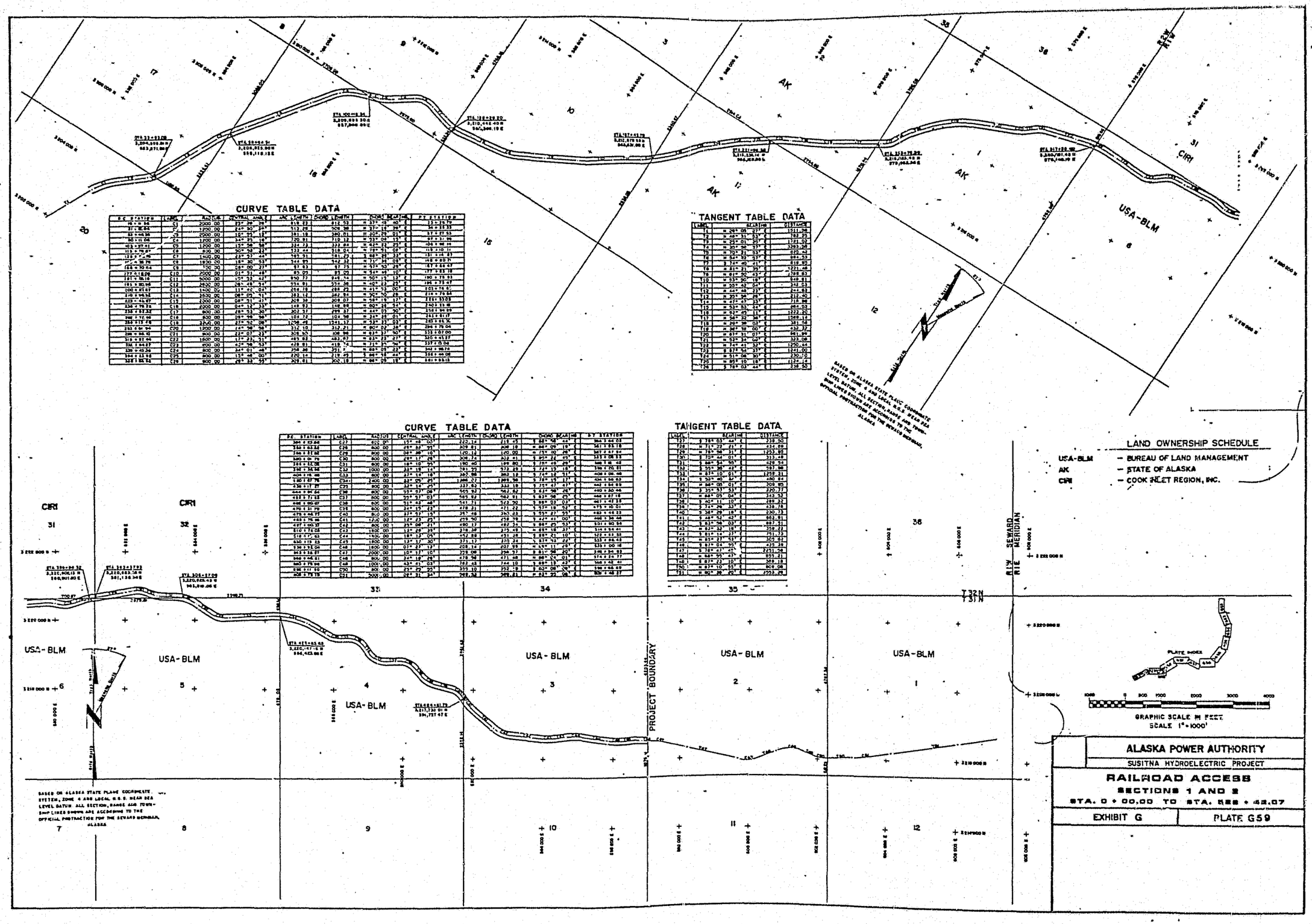
SUSITNA HYDROELECTRIC PROJECT

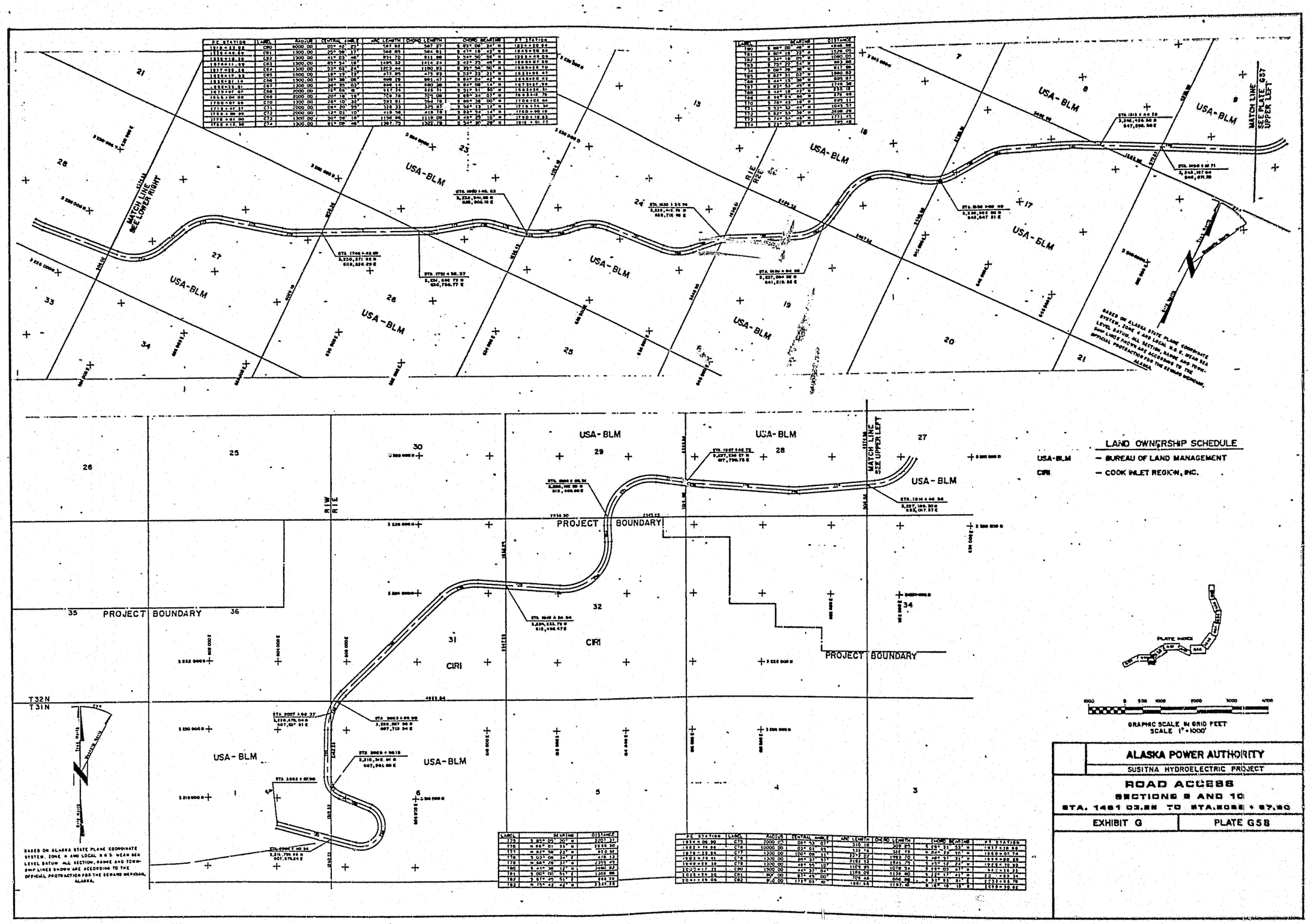
ROAD ACCESS

SECTIONS 3 AND 4

STA. 813 + 76.09 TO STA. 1878 + 45.35

EXHIBIT G | PLATE G54


CURVE TABLE DATA
TANGENT TABLE DATA
CURVE TABLE DATA
TANGENT TABLE DATA
LAND OWNERSHIP SCHEDULE
USA-BLM - BUREAU OF LAND MANAGEMENT
AK - STATE OF ALASKA
CIRI - COOK INLET REGION, INC.
USA-BLM
AK
CIRI
PROJECT BOUNDARY
SEWARD MERIDIAN
T32N
T31N
R13W
R12W
GRAPHIC SCALE IN FEET
SCALE 1" = 1000'
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
RAILROAD ACCESS
SECTIONS 1 AND 2
STA. 0 + 00.00 TO STA. 588 + 42.07
EXHIBIT G
PLATE G59


USA-BLM
CIRI
PROJECT BOUNDARY
MATCH LINE SEE PLATE G57 LOWER RIGHT
MATCH LINE SEE PLATE G57 UPPER LEFT
MATCH LINE SEE PLATE G59 UPPER LEFT
R1E
R2E
R1W
T32N
T31N
BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL U.S.G.S. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA.
LAND OWNERSHIP SCHEDULE
USA-BLM — BUREAU OF LAND MANAGEMENT
CIRI — COOK INLET REGION, INC.
PLATE INDEX
GRAPHIC SCALE IN GRID FEET
SCALE 1" = 1000'
ALASKA POWER AUTHORITY
SUSITNA HYDROELECTRIC PROJECT
ROAD ACCESS
SECTIONS 9 AND 10
STA. 1481 03.26 TO STA. 2088 + 67.80
EXHIBIT G
PLATE G58

PC STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	PT STATION
1078+04.39	C38	1283.00	51° 09' 05"	1178.46	1086.40	N 67° 12' 08" W	1079+20.83
1086+03.68	C40	1283.00	33° 37' 06"	520.61	518.07	N 80° 46' 37" W	1093+24.33
1126+07.64	C41	1283.00	32° 53' 03"	738.57	729.00	N 82° 34' 50" W	1133+57.81
1133+32.18	C42	1283.00	83° 38' 46"	1802.23	1331.33	N 70° 52' 41" W	1137+96.40
1140+32.18	C43	1283.00	35° 45' 03"	969.19	951.07	W 51° 32' 19" W	1143+27.91
1153+05.05	C44	2000.00	15° 27' 05"	518.50	513.31	W 58° 00' 41" W	1158+03.55
1173+32.51	C45	1283.00	37° 38' 18"	829.88	814.64	N 70° 08' 23" W	1180+62.89
1203+51.75	C46	8000.00	04° 38' 51"	485.23	485.10	S 88° 45' 37" W	1207+36.95
1211+92.55	C47	8000.00	04° 08' 04"	432.98	432.81	S 86° 22' 25" W	1216+33.78
1231+60.72	C48	8000.00	04° 37' 04"	483.56	483.45	S 78° 18' 51" W	1236+[illegible]
1239+03.49	C49	8000.00	04° 21' 38"	370.80	370.27	S 74° 00' 30" W	1240+59.69
1265+03.51	C50	4000.00	10° 29' 16"	730.98	729.98	S 83° 05' 50" W	1270+[illegible]
1270+61.33	C51	3000.00	08° 43' 01"	456.47	456.03	S 59° 29' 52" W	1275+18.03
1277+09.63	C52	3000.00	09° 33' 26"	500.41	499.63	S 48° 21' 38" W	1282+10.08
1281+68.97	C53	2000.00	13° 23' 55"	467.47	466.40	S 49° 19' 27" W	1286+35.32
1345+00.52	C54	2000.00	14° 50' 03"	521.34	519.87	S 49° 23' 48" W	1350+20.96
1363+72.02	C55	2000.00	13° 37' 40"	[illegible]	474.84	S 48° 56' 37" W	1368+48.58
1382+04.31	C56	1283.00	47° 34' 04"	1040.16	1011.00	S 38° 21' 07" W	1392+[illegible]
1400+30.30 AHD	C57	1283.00	75° 46' 26"	1603.32	1135.69	S 60° 57' 59" W	1419+34.02
1423+22.81	C58	3000.00	06° 24' 31"	448.08	447.63	S 33° 13' 30" W	1427+67.70
1431+03.19	C59	1300.00	36° 27' 37"	972.76	956.47	S 46° 46' 47" W	1440+76.04

LABEL	BEARING	DISTANCE
T39	N 41° 38' 07" W	813.77
T40	S 87° 14' 49" W	272.93
T41	N 69° 08' 03" W	2132.31
T42	S 77° 18' 56" W	1154.84
T43	N 38° 07' 18" W	277.32
T44	N 64° 44' 20" W	1307.54
T45	N 51° 17' 14" W	777.26
T46	N 68° 55' 33" W	1823.83
T47	S 86° 29' 37" W	495.87
T48	S 82° 18' 23" W	924.84
T49	S 77° 41' 18" W	818.19
T50	S 70° 18' 41" W	851.33
T51	S 59° 51' 37" W	1429.08
T52	S 51° 08' 22" W	181.83
T53	S 41° 34' 56" W	548.01
T54	S 57° 03' 52" W	4755.08
T55	S 42° 03' 44" W	1342.86
T56	S 53° 23' 30" W	1955.75
T57	N 71° 03' 21" W	286.03
T58	S 19° 55' 11" W	554.16
T59	S 27° 32' 49" W	3331.56

PC STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	PT STATION
674+63.50	C62	2800.00	10° 27' 39"	493.86	494.06	S 25° 01' 49" W	684+63.76
734+40.81	C63	2800.00	15° 08' 21"	738.20	736.07	S 29° 02' 21" W	742+49.81
713+41.84	C28	2800.00	28° 05' 33"	1372.81	1359.20	N 84° 27' 55" W	[illegible]
710+35.50	C29	3800.00	12° 09' 07"	805.95	804.44	N 78° 29' 41" W	718+33.13
781+[illegible]	C30	3800.00	07° 08' 44"	298.09	298.83	N 75° 59' 53" W	785+17.70
781+[illegible]	C31	3800.00	13° 07' 25"	870.38	868.49	N 81° 59' 12" W	788+84.58
759+[illegible]	C32	2800.00	21° 33' 10"	1053.37	1047.07	N 73° 48' 20" W	803+74.11
851+27.16	C33	3200.00	07° 53' 24"	440.68	440.21	N 63° 03' 03" W	857+68.04
861+36.40	C34	1283.00	08° 27' 43"	208.57	208.34	N 63° 50' 12" W	863+44.97
838+61.21	C35	1283.00	28° 37' 15"	566.82	561.55	N 55° 15' 26" W	844+48.03
884+78.84	C36	1283.00	52° 03' 48"	1167.08	1108.58	N 67° 58' 21" W	914+37.10
1006+10.88	C37	1283.00	93° 58' 30"	2070.84	1848.54	N 47° 02' 18" W	1026+91.82
1041+75.94	C38	1283.00	41° 32' 09"	916.68	896.89	N 20° 31' 34" W	1050+90.98

LABEL	BEARING	DISTANCE
T27	N 83° 24' 25" W	668.83
T28	S 81° 28' 19" W	1072.03
T29	N 70° 25' 07" W	511.43
T30	N 43° 34' 14" W	3348.48
T31	N 73° 23' 30" W	1338.80
T32	N 88° 32' 55" W	935.87
T33	N 88° 58' 45" W	4753.19
T34	N 74° 08' 00" W	2348.38
T35	N 88° 34' 03" W	5617.24
T36	N 41° 58' 48" W	3030.51
T37	S 85° 58' 24" W	803.78
T38	N 00° 04' 01" W	1482.12

LAND OWNERSHIP SCHEDULE

USA-BLM — BUREAU OF LAND MANAGEMENT

AK — STATE OF ALASKA

BASED ON ALASKA STATE PLANE COORDINATE SYSTEM, ZONE 4 AND LOCAL M.S.L. MEAN SEA LEVEL DATUM. ALL SECTION, RANGE AND TOWNSHIP LINES SHOWN ARE ACCORDING TO THE OFFICIAL PROTRACTION FOR THE SEWARD MERIDIAN, ALASKA.

MATCH LINE SEE LOWER LEFT

MATCH LINE SEE PLATE G58 UPPER RIGHT

MATCH LINE SEE PLATE G56 LEFT

MATCH LINE SEE UPPER RIGHT

GRAPHIC SCALE IN GRID FEET
SCALE 1" = 1000'

ALASKA POWER AUTHORITY

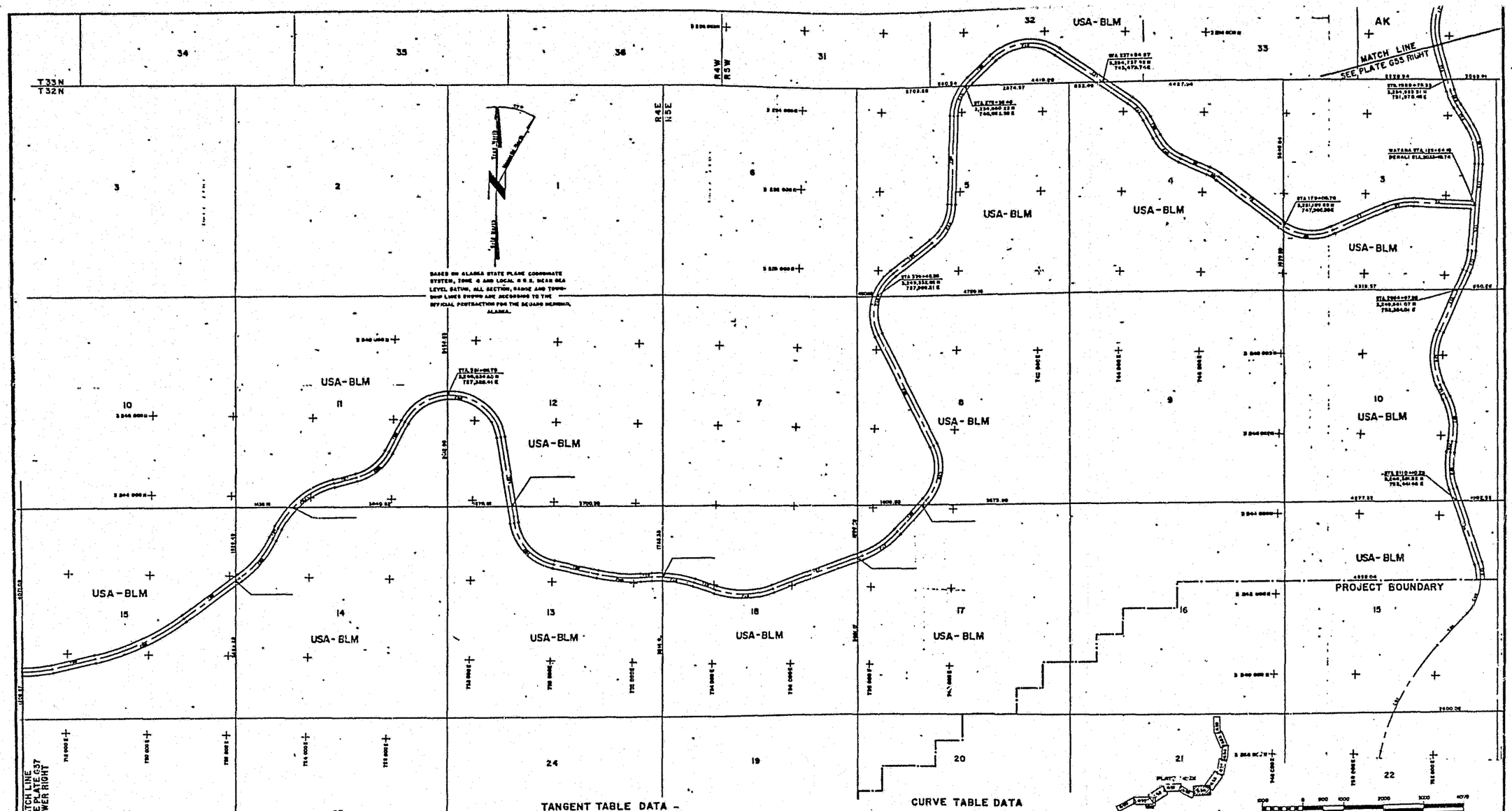
SUSITNA HYDROELECTRIC PROJECT

ROAD ACCESS

SECTIONS 7 AND 8

STA. 683 + 98.39 TO STA. 1481 + 33.29

EXHIBIT G | PLATE G57



TANGENT TABLE DATA

LABEL	BEARING	DISTANCE
T73	S 18° 48' 21" E	1190.48
T74	S 33° 18' 43" E	584.98
T75	S 03° 14' 43" W	1037.43
T76	S 03° 14' 43" W	1134.88
T77	S 22° 33' 44" W	1841.11
T78	S 73° 56' 06" E	357.50
T79	S 07° 51' 03" W	232.33
T80	S 18° 41' 08" E	1988.80
T81	S 41° 54' 31" W	1089.88
T82	N 88° 15' 35" W	1525.90
T83	S 83° 38' 03" W	1423.13
T84	N 53° 14' 03" W	1817.05
T85	N 84° 53' 44" W	780.95
T86	N 28° 41' 03" W	311.84
T87	N 56° 37' 00" W	3202.23
T88	S 45° 56' 34" W	781.82
T89	S 50° 18' 48" W	2236.98
T90	S 50° 48' 13" W	1228.88
T91	S 27° 13' 00" E	3123.14
T92	S 40° 50' 34" W	1028.37
T93	S 69° 48' 03" W	2423.00
T94	N 73° 22' 31" W	582.81
T95	S 85° 47' 29" W	374.87
T96	N 78° 18' 11" W	1114.81
T97	N 10° 06' 23" W	2178.12
T98	S 26° 20' 44" W	838.06
T99	S 72° 02' 41" W	329.03
T100	S 26° 06' 00" W	304.37
T101	S 32° 48' 30" W	1315.92
T102	S 78° 08' 01" W	1075.13

CURVE TABLE DATA

PC STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	PT STATION
1071+78.51	C72	1800.00	88° 33' 30"	1593.71	1403.25	S 17° 28' 17" E	1580+51.18
1092+23.51	C73	1800.00	15° 28' 18"	486.04	430.73	S 24° 32' 30" E	1007+05.66
1101+00.51	C74	1800.00	17° 31' 30"	993.00	979.23	S 14° 31' 03" E	2023+93.56
1104+94.41	C75	1800.00	18° 36' 00"	549.27	545.96	S 12° 03' 44" E	2010+02.70
1088+23.51	C76	1800.00	45° 30' 49"	1384.07	1372.11	S 22° 22' 40" E	2060+07.58
1093+75.64	C77	1800.00	33° 53' 08"	1124.80	1108.43	S 06° 00' 31" E	2058+00.38
1097+75.04	C78	1800.00	27° 38' 55"	818.48	807.80	S 09° 52' 02" E	2108+89.81
1115+69.51	C79	1283.00	18° 06' 13"	421.87	418.41	S 13° 08' 30" E	2130+60.89
1130+80.51	C80	1283.00	42° 27' 13"	933.82	914.36	S 20° 40' 45" E	2140+18.80
1151+82.51	C81	3100.00	30° 21' 27"	1023.38	1008.08	S 26° 43' 38" E	2161+26.07
1164+89.51	C82	1630.00	26° 08' 11"	743.01	722.72	S 28° 41' 10" E	2187+18.88
1168+41.51	C83	1283.00	61° 07' 54"	1347.08	1284.84	N 83° 48' 01" E	173+88.02
1183+06.51	C84	1283.00	19° 29' 41"	391.13	389.48	N 80° 05' 51" E	207+07.15
1204+87.51	C85	1283.00	38° 13' 40"	855.31	838.78	N 47° 47' 24" E	215+42.46
1232+82.51	C86	1283.00	37° 45' 51"	812.00	808.06	N 42° 34' 03" E	223+39.50
1246+88.51	C87	1283.00	37° 38' 29"	1210.72	1182.93	S 84° 44' 41" E	285+48.17
1264+80.51	C88	1283.00	45° 37' 49"	1003.83	978.48	S 23° 07' 41" E	316+34.49
1285+73.03	C89	1283.00	50° 28' 24"	1118.98	1083.31	S 25° 23' 30" E	319+85.56
1315+16.47	C90	1283.00	78° 01' 13"	1748.84	1590.01	S 13° 47' 30" E	345+34.51
1350+97.6	C91	1283.00	88° 03' 54"	1500.39	1412.71	S 08° 48' 37" W	377+32.04
1403+97.40	C92	2200.00	83° 55' 10"	1072.03	1081.48	S 54° 48' 21" W	416+05.45
1440+97.6	C93	2200.00	34° 31' 00"	1481.76	1483.26	S 88° 11' 31" W	433+84.43
1461+77.51	C94	2800.00	31° 34' 40"	1070.78	1064.27	N 83° 20' 13" W	417+03.01
1736+81.89	C95	3600.00	15° 58' 21"	1080.43	1057.00	N 88° 17' 31" W	463+11.32
1826+68.1	C96	1283.00	88° 08' 41"	1501.58	1413.30	N 44° 13' 11" W	511+70.79
1833+50.51	C97	1283.00	163° 30' 53"	3183.72	2728.19	N 81° 53' 30" W	543+44.23
1839+51.51	C98	1283.00	47° 43' 31"	1012.18	1033.03	S 30° 12' 47" W	554+03.08
1848+68.51	C99	2200.00	47° 55' 21"	1840.21	1787.01	S 30° 08' 30" W	602+83.51
1911+38.51	C100	2900.00	28° 39' 41"	1302.93	1291.20	S 30° 48' 02" W	634+87.51
1961+68.51	C101	9000.00	23° 18' 11"	3442.04	3422.22	S 54° 28' 21" W	695+88.77

LAND OWNERSHIP SCHEDULE

USA-BLM — BUREAU OF LAND MANAGEMENT
AK — STATE OF ALASKA

ALASKA POWER AUTHORITY

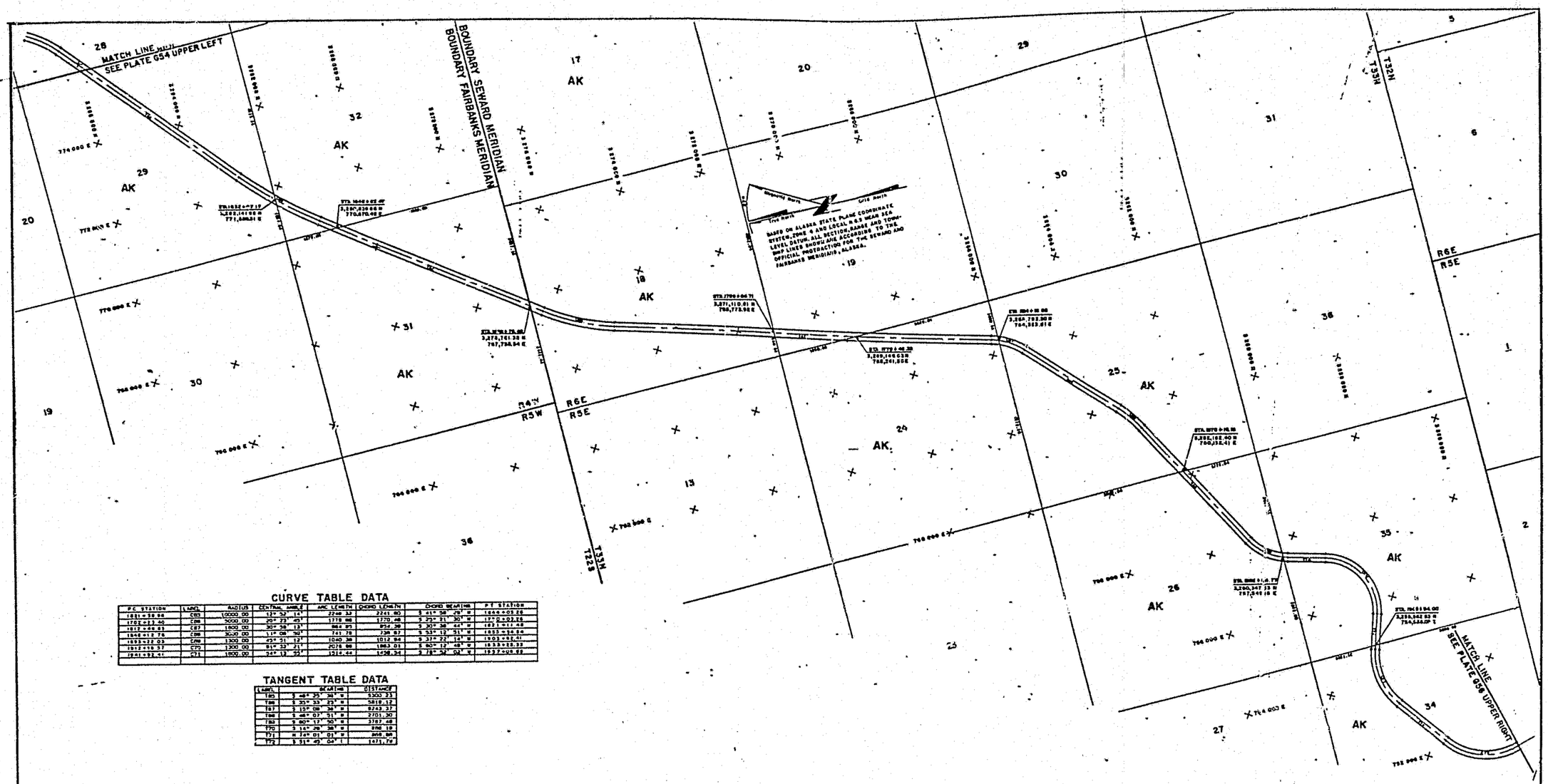
SUSITNA HYDROELECTRIC PROJECT

ROAD ACCESS

SECTION 8

STA. 1980 + 83.15 TO STA. 2130 + 20.58
STA. 123 + 54.15 TO STA. 693 + 92.38

EXHIBIT G | PLATE G56



CURVE TABLE DATA

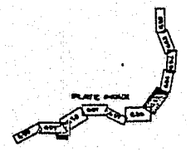
P.C. STATION	LABEL	RADIUS	CENTRAL ANGLE	ARC LENGTH	CHORD LENGTH	CHORD BEARING	P.T. STATION
1821 + 58.86	C63	10000.00	13° 52' 14"	2249.33	2243.80	S 41° 58' 29" W	1844 + 03.26
1762 + 23.40	C66	5000.00	20° 33' 45"	1779.48	1770.46	S 23° 31' 30" W	1 + 02.88
1817 + 44.83	C67	1800.00	30° 38' 13"	964.93	954.38	S 30° 38' 44" W	1821 + 11.48
1848 + 12.76	C68	3000.00	11° 06' 30"	741.78	739.87	S 53° 12' 51" W	1853 + 54.54
1893 + 22.03	C69	1300.00	45° 31' 12"	1040.38	1012.94	S 37° 22' 14" W	1903 + 62.41
1912 + 16.57	C70	1300.00	91° 33' 21"	2076.88	1863.01	S 80° 12' 48" W	1933 + 55.53
1941 + 52.41	C71	1800.00	54° 13' 52"	1318.44	1258.34	S 78° 32' 02" W	1972 + 05.88

TANGENT TABLE DATA

LABEL	BEARING	DISTANCE
T65	S 48° 35' 34" W	5300.23
T66	S 35° 33' 23" W	5819.17
T67	S 15° 06' 38" W	8243.37
T68	S 48° 07' 51" W	2701.30
T69	S 80° 12' 50" W	3787.48
T70	S 14° 26' 38" W	296.19
T71	N 34° 01' 01" W	859.88
T72	S 51° 49' 04" E	1471.79

LAND OWNERSHIP SCHEDULE

ALL — STATE OF ALASKA



ALASKA POWER AUTHORITY

SUSITNA HYDROELECTRIC PROJECT

ROAD ACCESS

SECTION 5

STA. 1576 + 46.35 TO STA. 2130 + 80.98

EXHIBIT G	PLATE G55