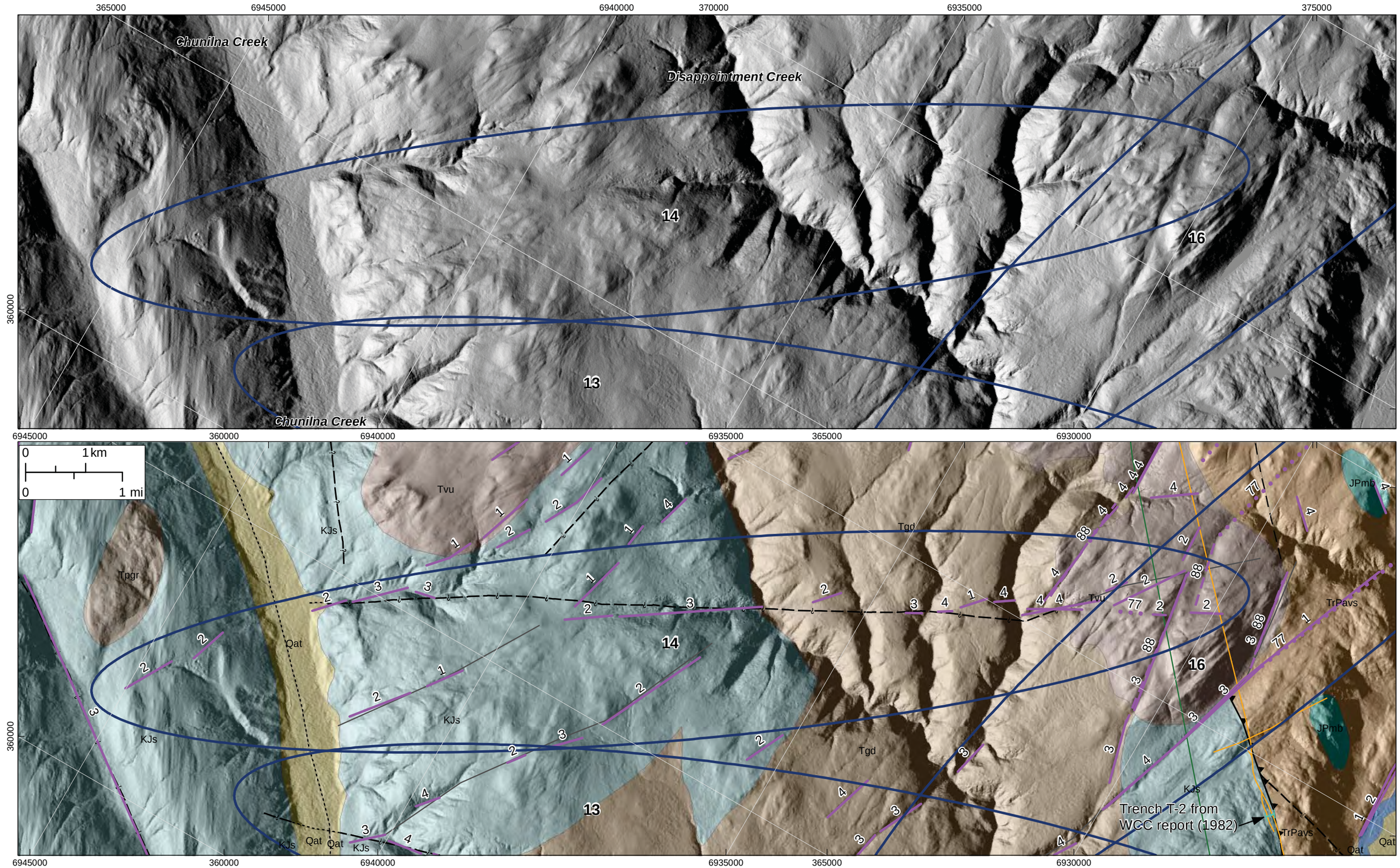


SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
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Drawn _____
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DATA FRAME HAS BEEN ROTATED
60 DEGREES EAST OF NORTH
1:60,000

FUGRO

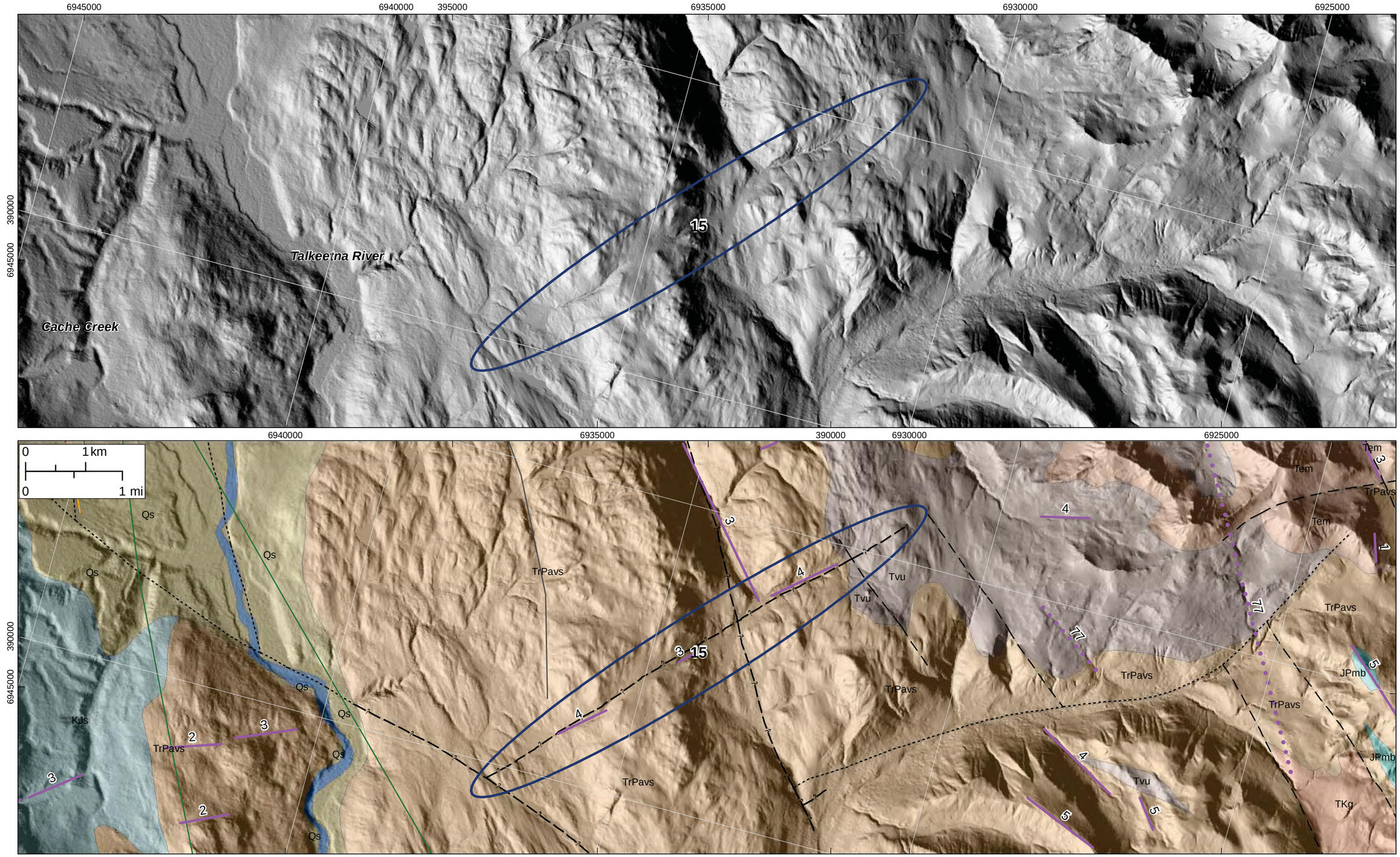
STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 14

FIGURE

A14



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
Designed _____
Drawn _____
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DATA FRAME HAS BEEN ROTATED
75 DEGREES EAST OF NORTH
1:60,000

FUGRO

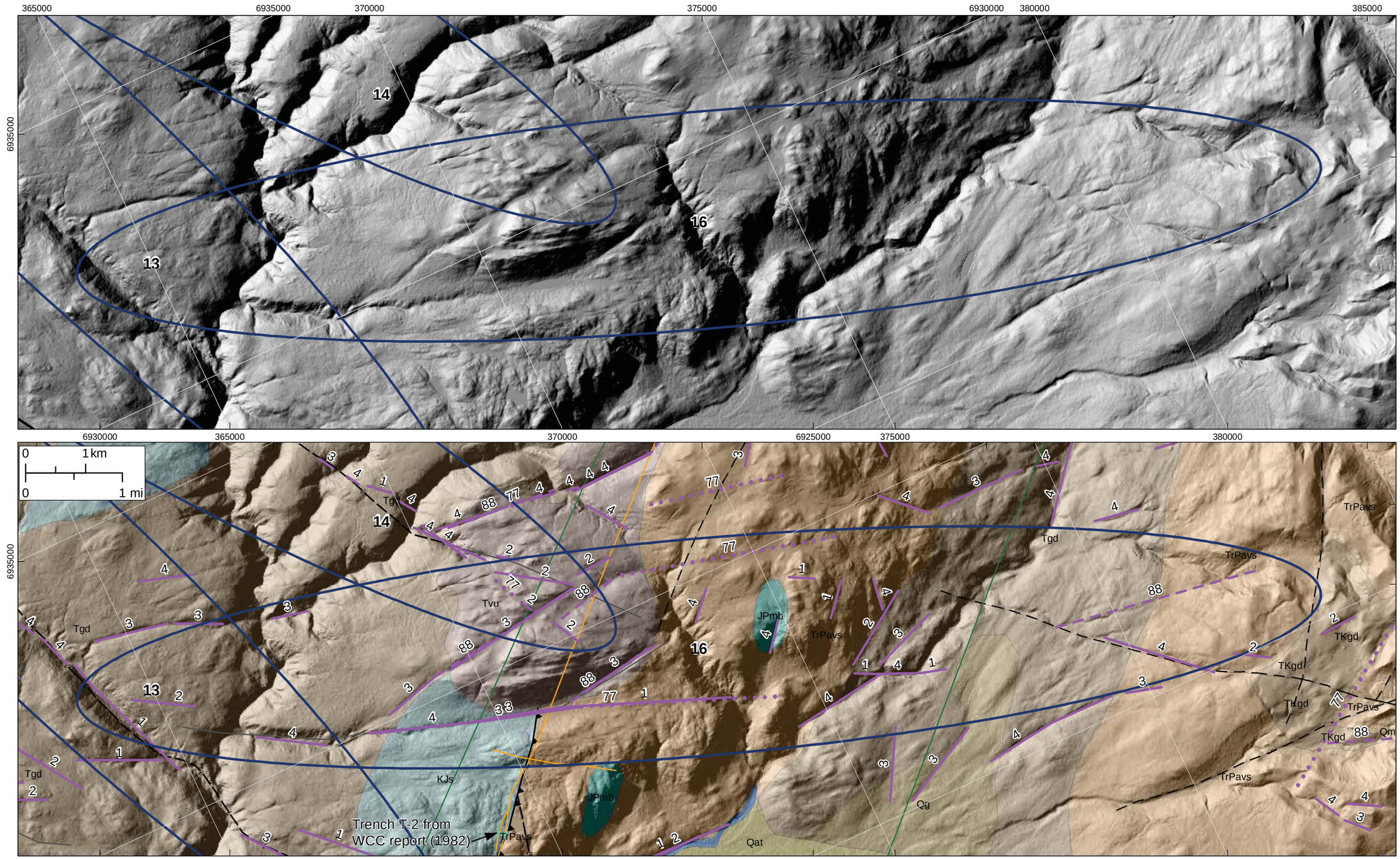
STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 15

FIGURE

A15



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. ____
Date 03/26/2013
Designed ____
Drawn ____
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DATA FRAME HAS BEEN ROTATED
25 DEGREES EAST OF NORTH
1:60,000

FUGRO

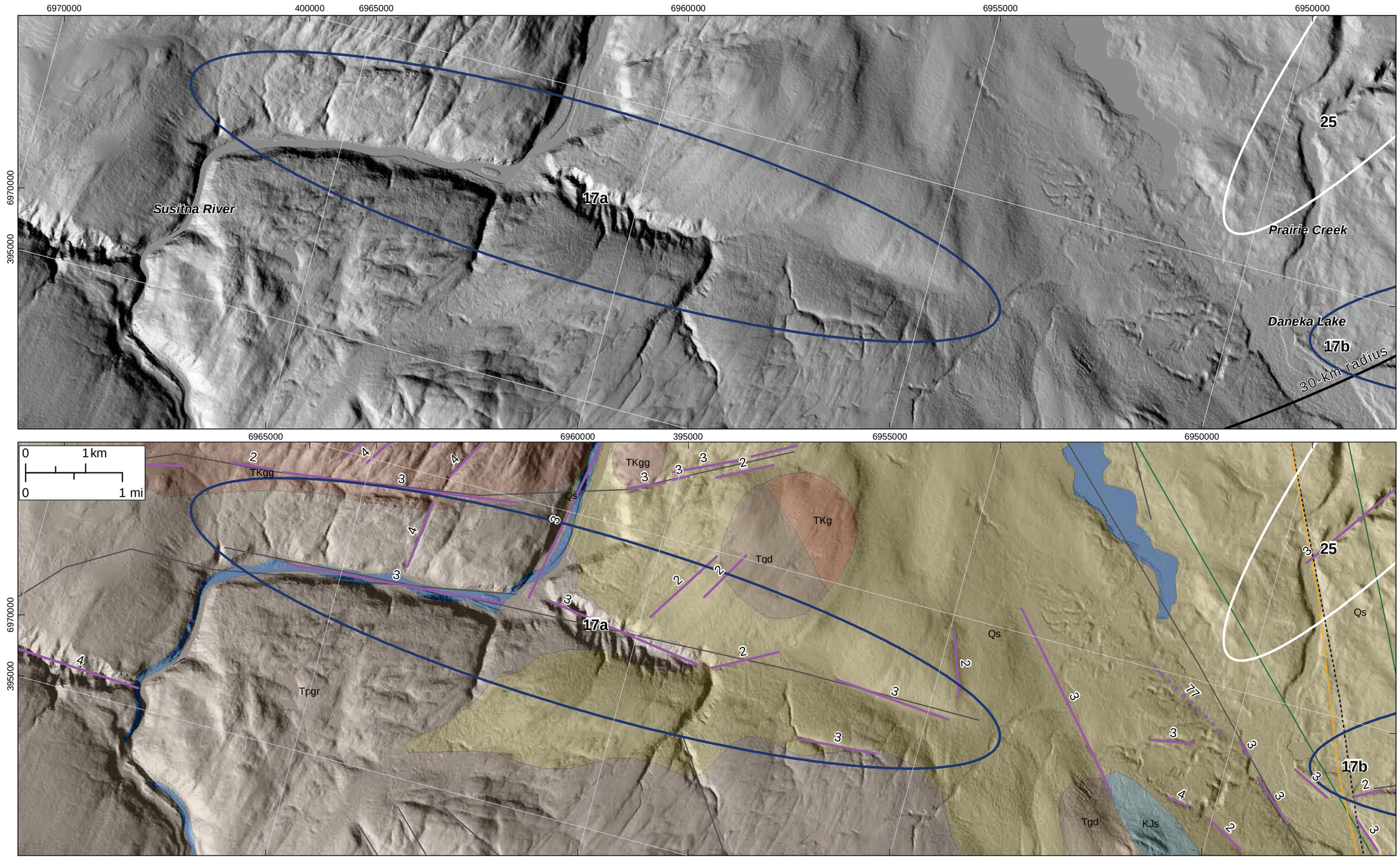
STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 16

FIGURE

A16



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
Designed _____
Drawn _____
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DATA FRAME HAS BEEN ROTATED
75 DEGREES EAST OF NORTH
1:60,000

FUGRO

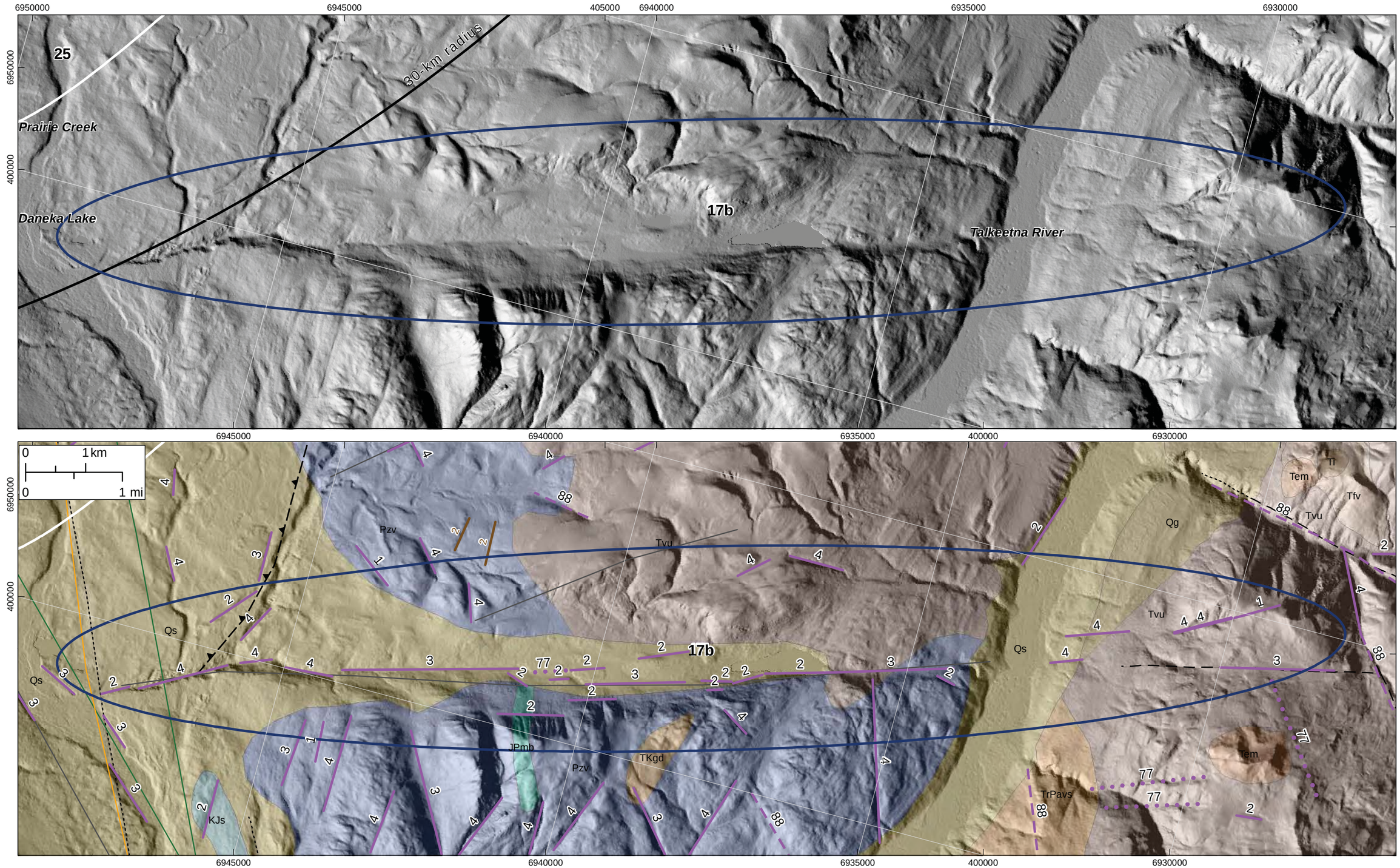
STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 17a

FIGURE

A17a



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
Designed _____
Drawn _____
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DATA FRAME HAS BEEN ROTATED
75 DEGREES EAST OF NORTH
1:60,000

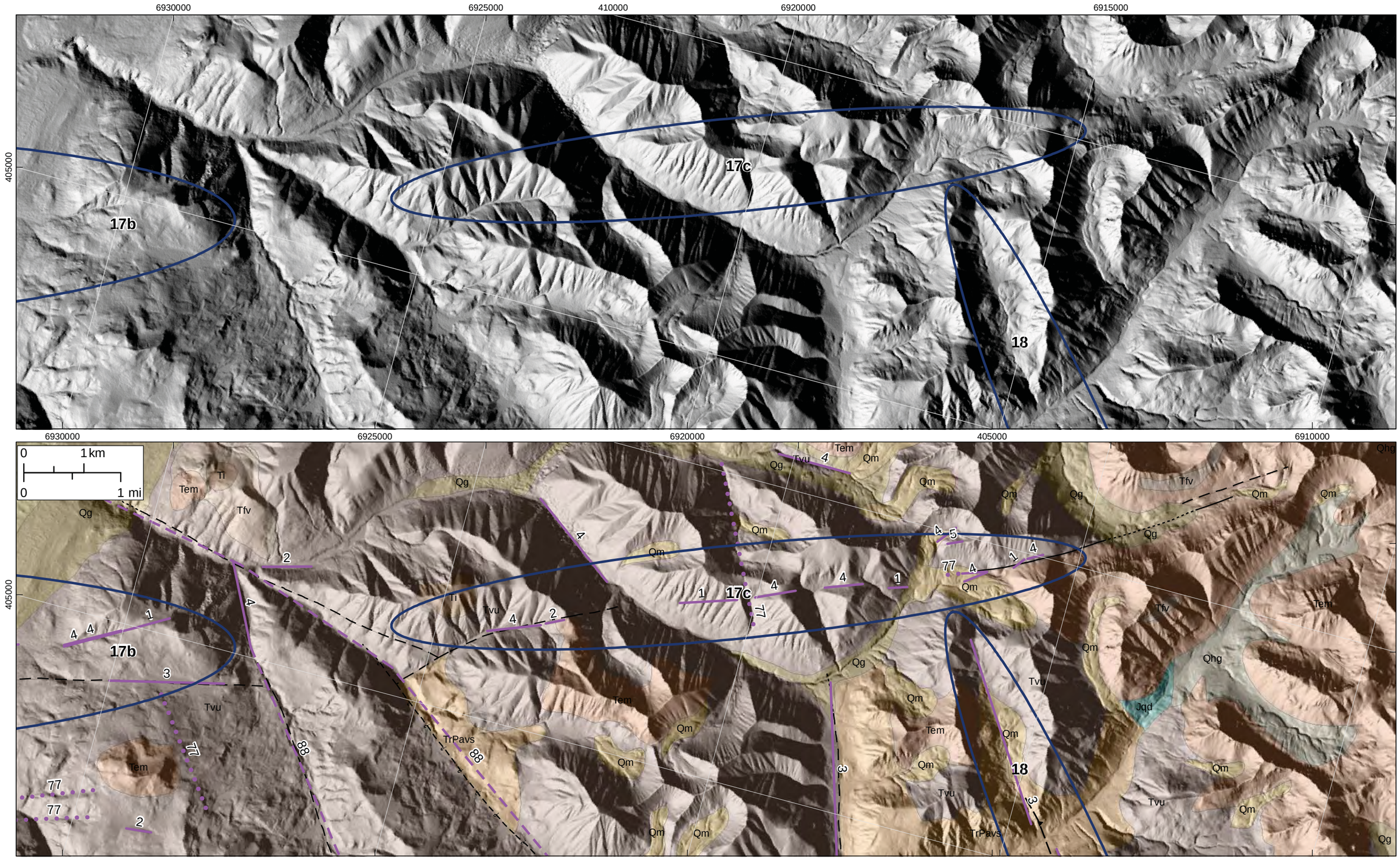
FUGRO

STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 17b

FIGURE
A17b



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
Designed _____
Drawn _____
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DATA FRAME HAS BEEN ROTATED
75 DEGREES EAST OF NORTH
1:60,000

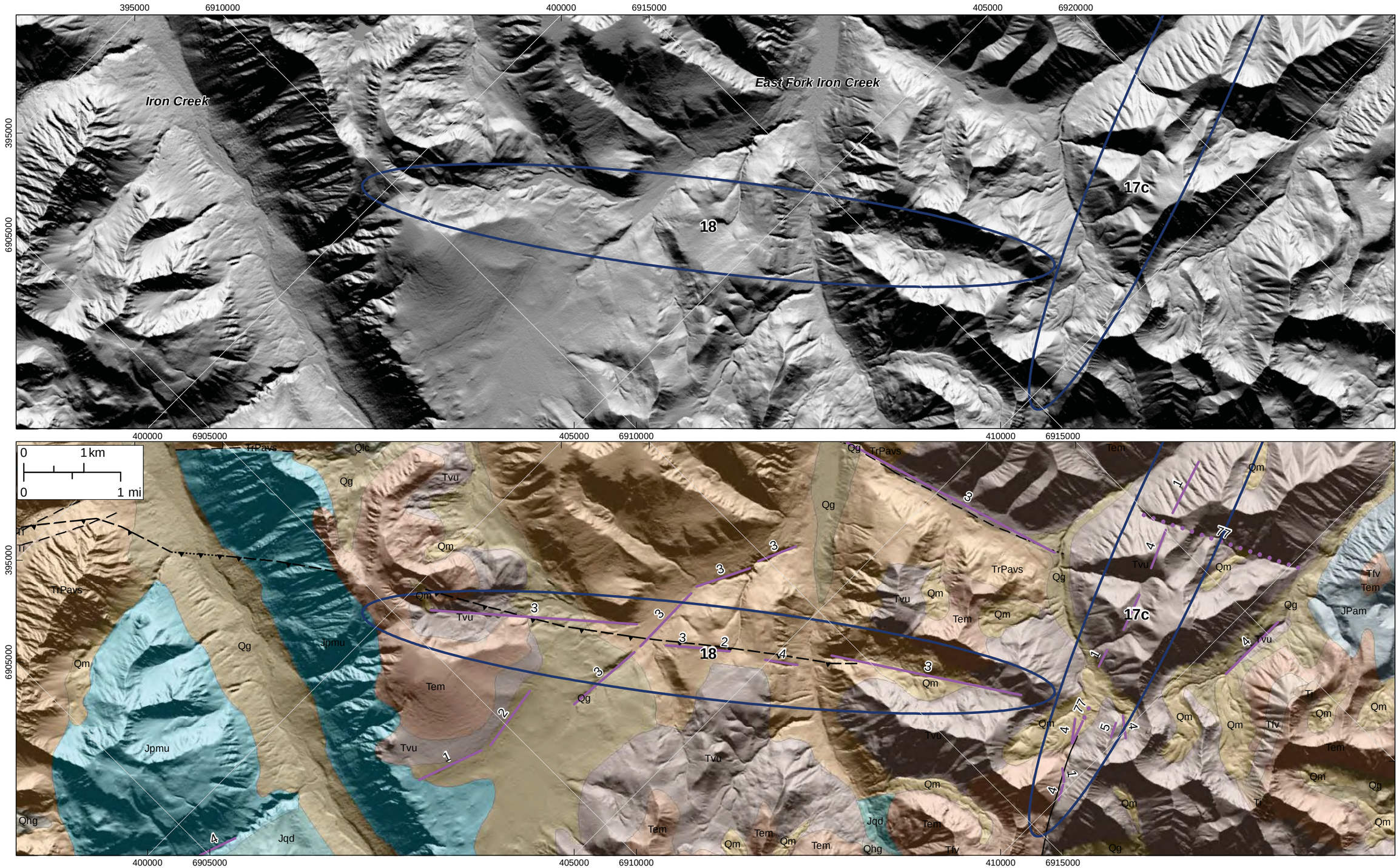
FUGRO

STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 17c

FIGURE
A17c



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
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Drawn _____
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DATA FRAME HAS BEEN ROTATED
45 DEGREES WEST OF NORTH
1:60,000

FUGRO

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ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 18

FIGURE
A18

435000 6910000 440000 6915000 445000 6920000 450000

Aspen Creek

Kosina Creek

19

Black Lake

6905000 455000 6920000

440000 6905000 445000 6910000 450000 6915000 455000

0 1 km

0 1 mi

Jtr

Jpmu

Jqm

Qs

Jtk

SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
Designed _____
Drawn _____
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DATA FRAME HAS BEEN ROTATED
45 DEGREES WEST OF NORTH
1:60,000

FUGRO

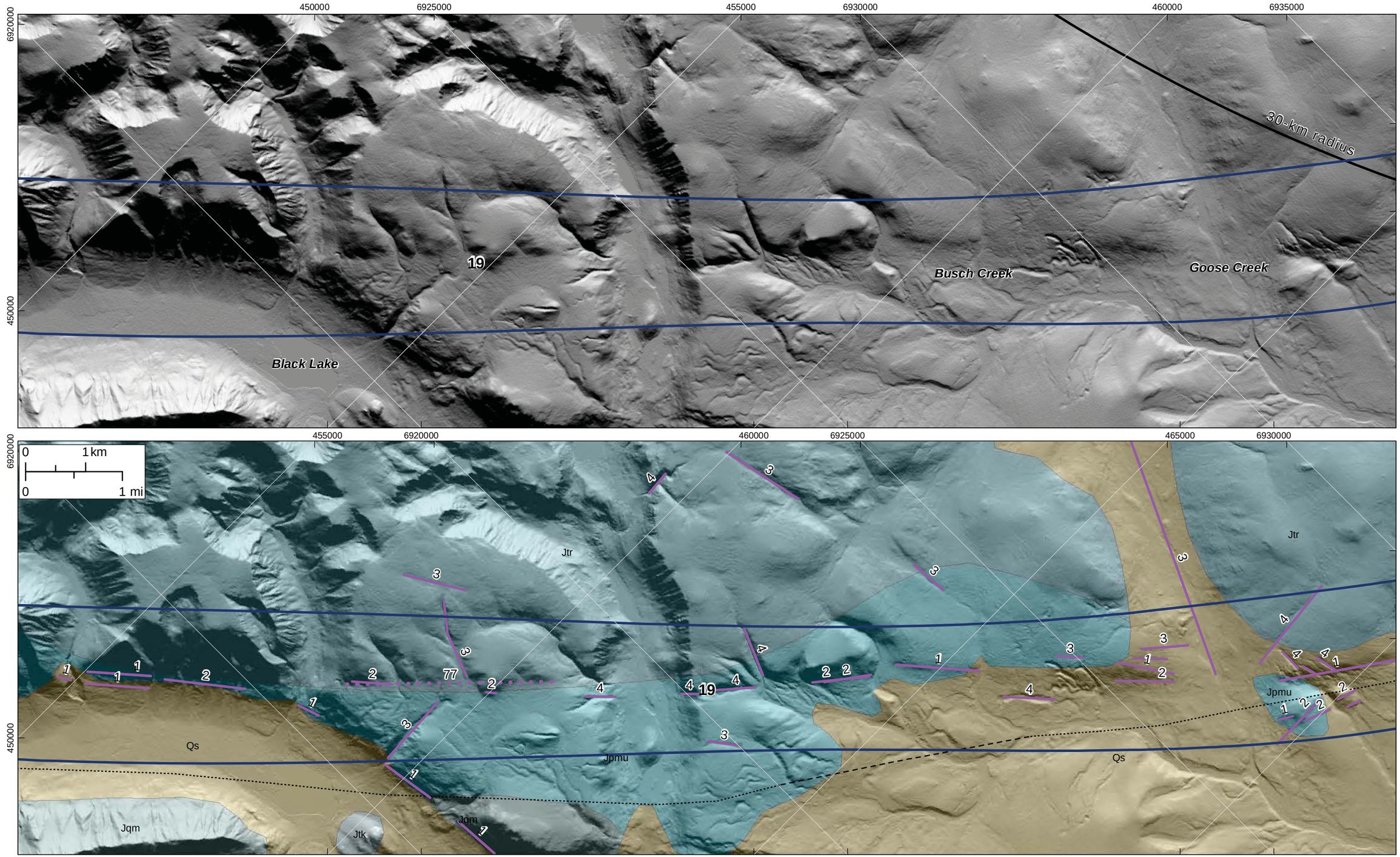
STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 19

FIGURE

A19-1



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
Designed _____
Drawn _____
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DATA FRAME HAS BEEN ROTATED
45 DEGREES WEST OF NORTH
1:60,000

FUGRO

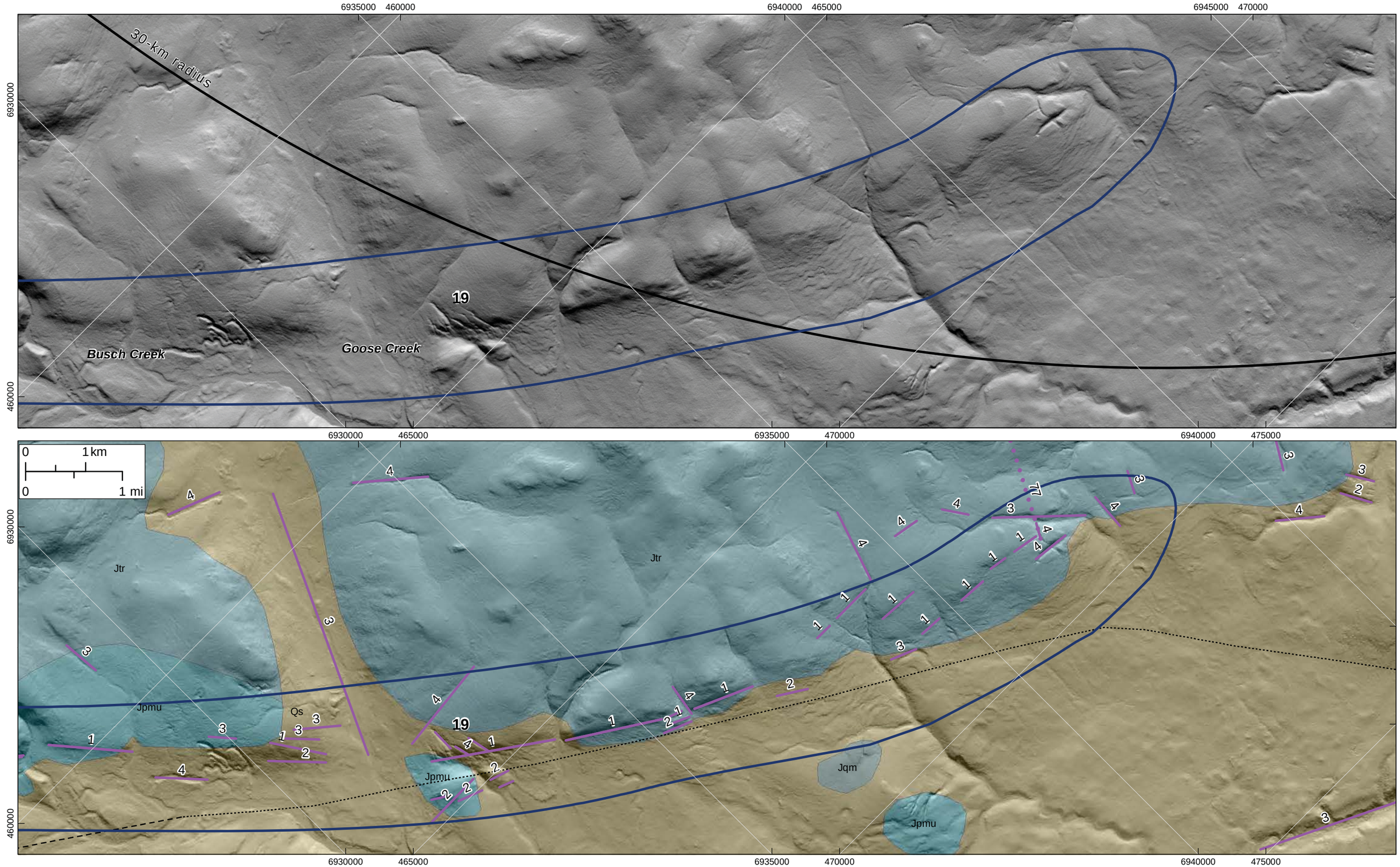
STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 19

FIGURE

A19-2



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
Designed _____
Drawn _____
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DATA FRAME HAS BEEN ROTATED
45 DEGREES WEST OF NORTH
1:60,000

FUGRO

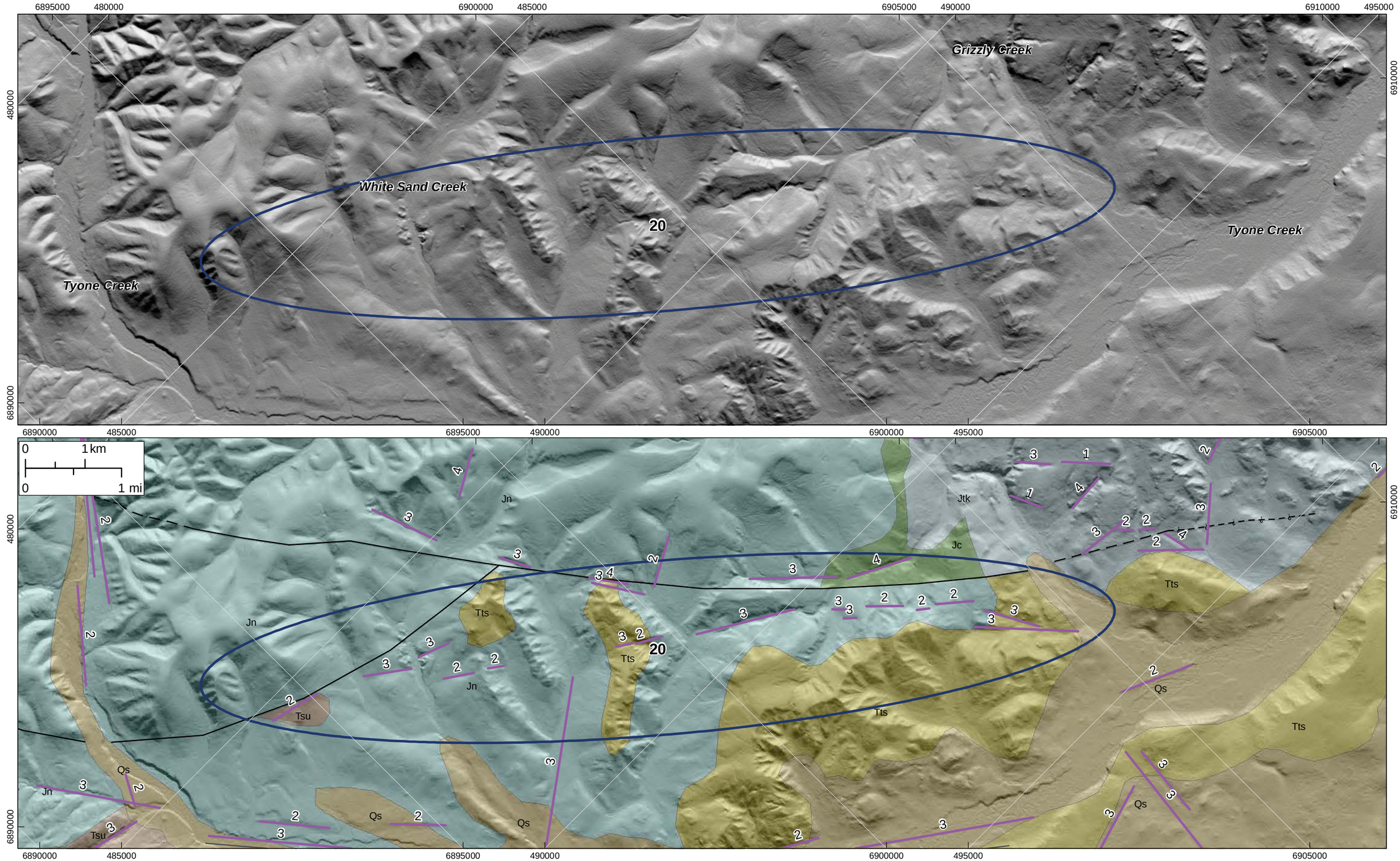
STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 19

FIGURE

A19-3



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

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DATA FRAME HAS BEEN ROTATED
45 DEGREES WEST OF NORTH
1:60,000

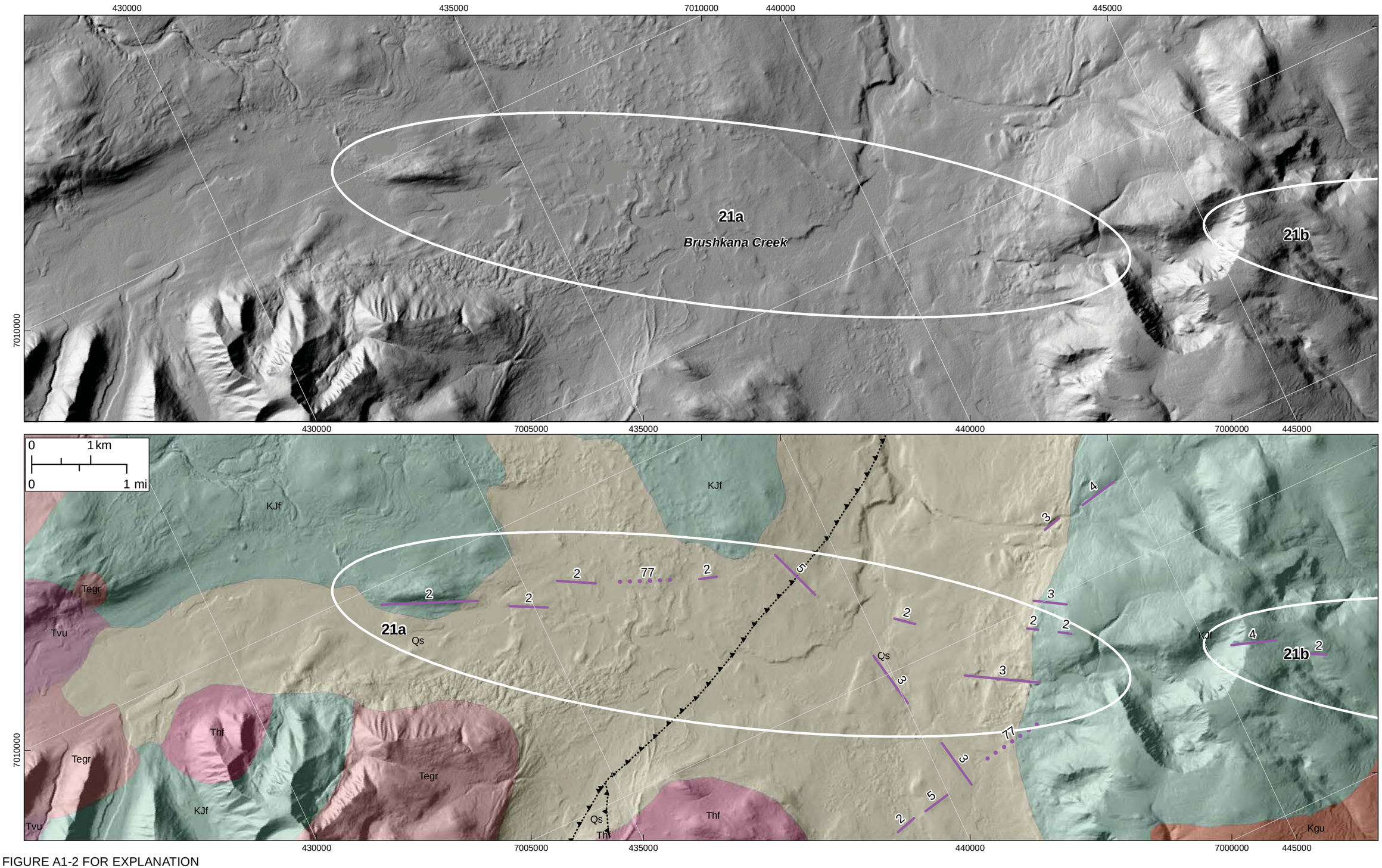
FUGRO

STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 20

FIGURE
A20



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. ____
Date 03/26/2013
Designed ____
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DATA FRAME HAS BEEN ROTATED
25 DEGREES EAST OF NORTH
1:60,000

FUGRO

STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 21a

FIGURE

A21a

445000 7005000 450000 455000 7000000 460000

Butte Creek

21a

21b

Gold Creek

7005000 440000 6995000 460000

440000 7000000 445000 450000 6995000 455000

0 1 km
0 1 mi

Kgu

Tegr

KJf

Qs

Mzpca

77

SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
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Drawn _____
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DATA FRAME HAS BEEN ROTATED
25 DEGREES EAST OF NORTH
1:60,000

FUGRO

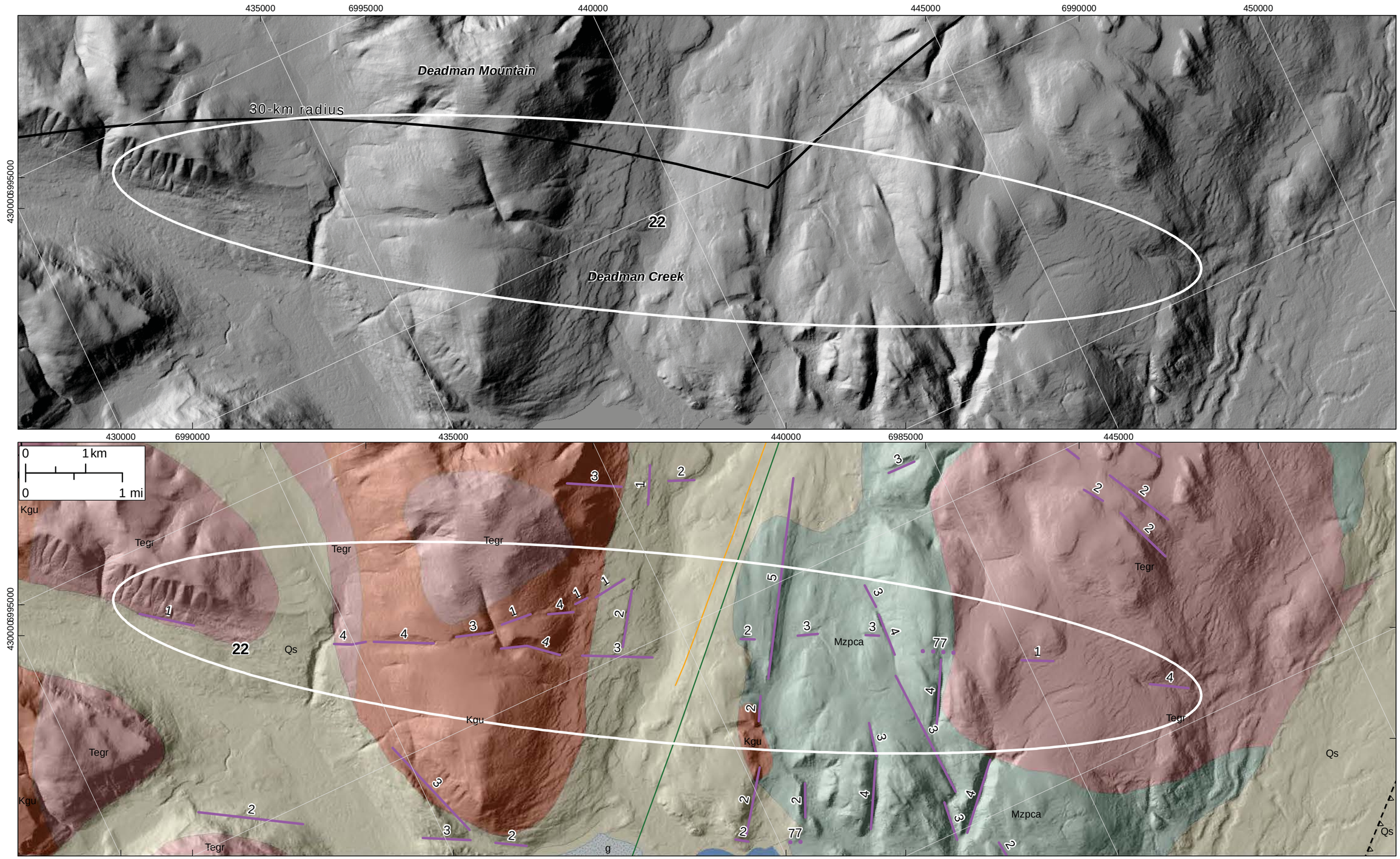
STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 21b

FIGURE

A21b



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
Designed _____
Drawn _____
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DATA FRAME HAS BEEN ROTATED
25 DEGREES EAST OF NORTH
1:60,000

FUGRO

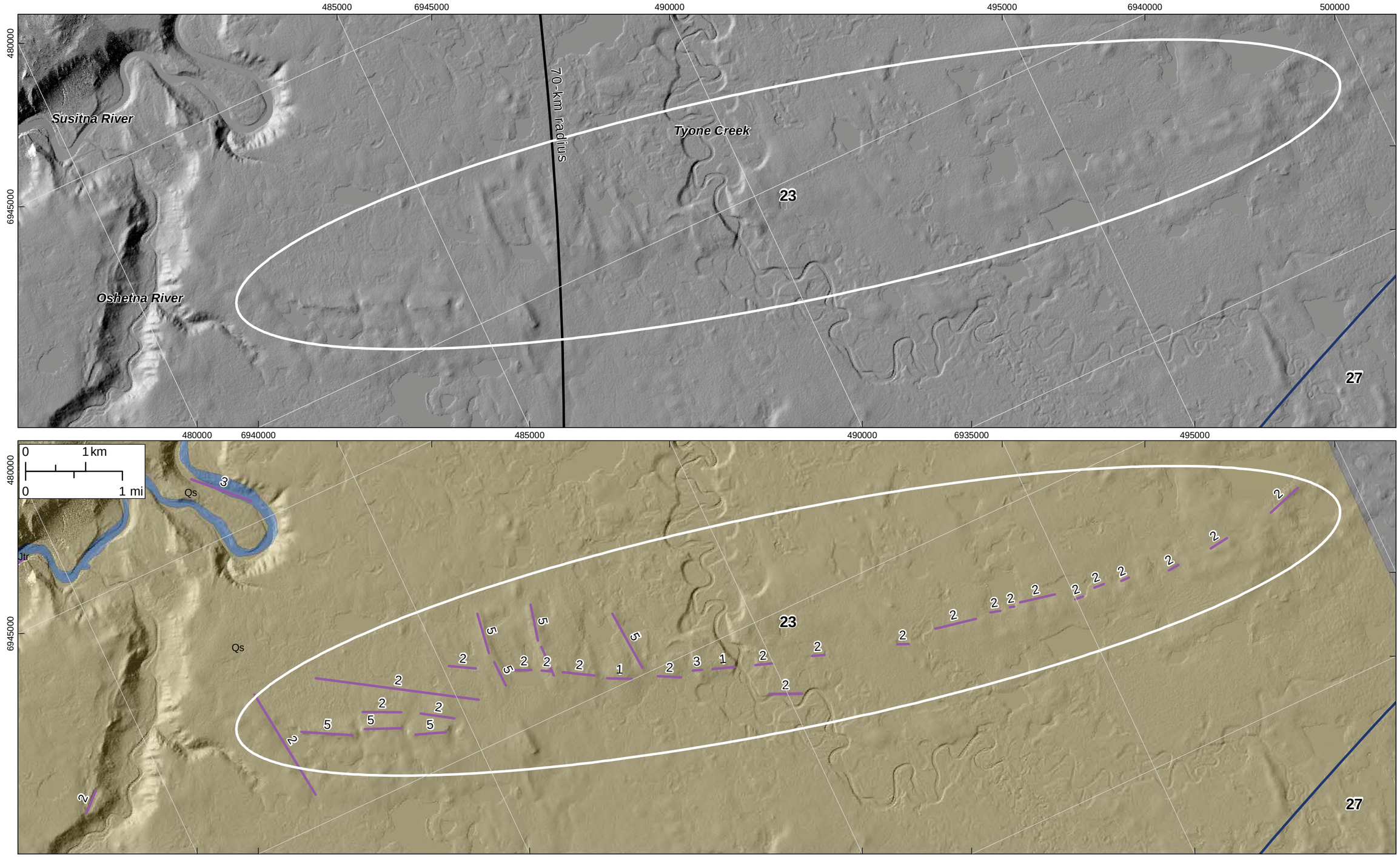
STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 22

FIGURE

A22



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
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DATA FRAME HAS BEEN ROTATED
25 DEGREES EAST OF NORTH
1:60,000

FUGRO

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SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 23

FIGURE

A23

315000 320000 325000 330000

315000 6895000 335000 6875000

6875000 320000 6880000 325000 6885000 330000 6890000 335000

24

Extent of InSAR Data

0 1 km
0 1 mi

Qgc Qge Qgo Qat Qg

2 3

SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
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DATA FRAME HAS BEEN ROTATED
45 DEGREES WEST OF NORTH
1:60,000

FUGRO

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ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 24

FIGURE
A24

405000 410000 415000 420000 6945000

400000 6950000

Prairie Creek

Daneka Lake

25

17b

420000

400000 405000 410000 415000 6940000

0 1 km
0 1 mi

Tgd

Qs

TKd

Pzv

JPmb

SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
Designed _____
Drawn _____
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DATA FRAME HAS BEEN ROTATED
25 DEGREES EAST OF NORTH
1:60,000

FUGRO

STATE OF ALASKA
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SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 25

FIGURE

A25-1

415000 420000 6945000 425000 430000 6940000

Tsisi Creek

25

30-km radius

6945000 6935000

415000 420000 425000 6935000 430000

0 1 km
0 1 mi

Qs Pzv JPmb TKgd Jqm Jpmu

6945000 6935000

415000 420000 425000 6935000 430000

SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
Designed _____
Drawn _____
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DATA FRAME HAS BEEN ROTATED
25 DEGREES EAST OF NORTH
1:60,000

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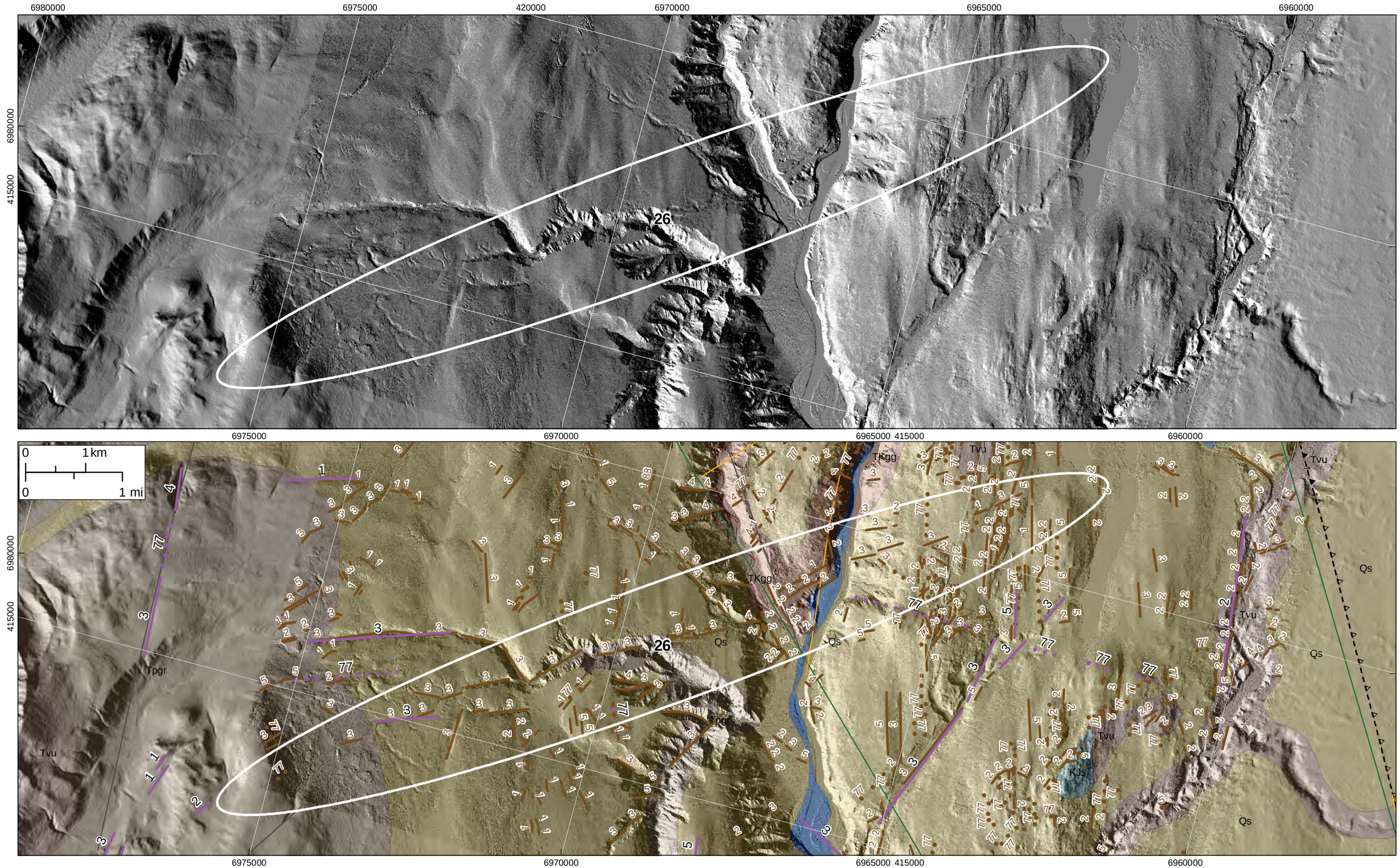
STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 25

FIGURE

A25-2



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
Designed _____
Drawn _____
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DATA FRAME HAS BEEN ROTATED
75 DEGREES EAST OF NORTH
1:60,000

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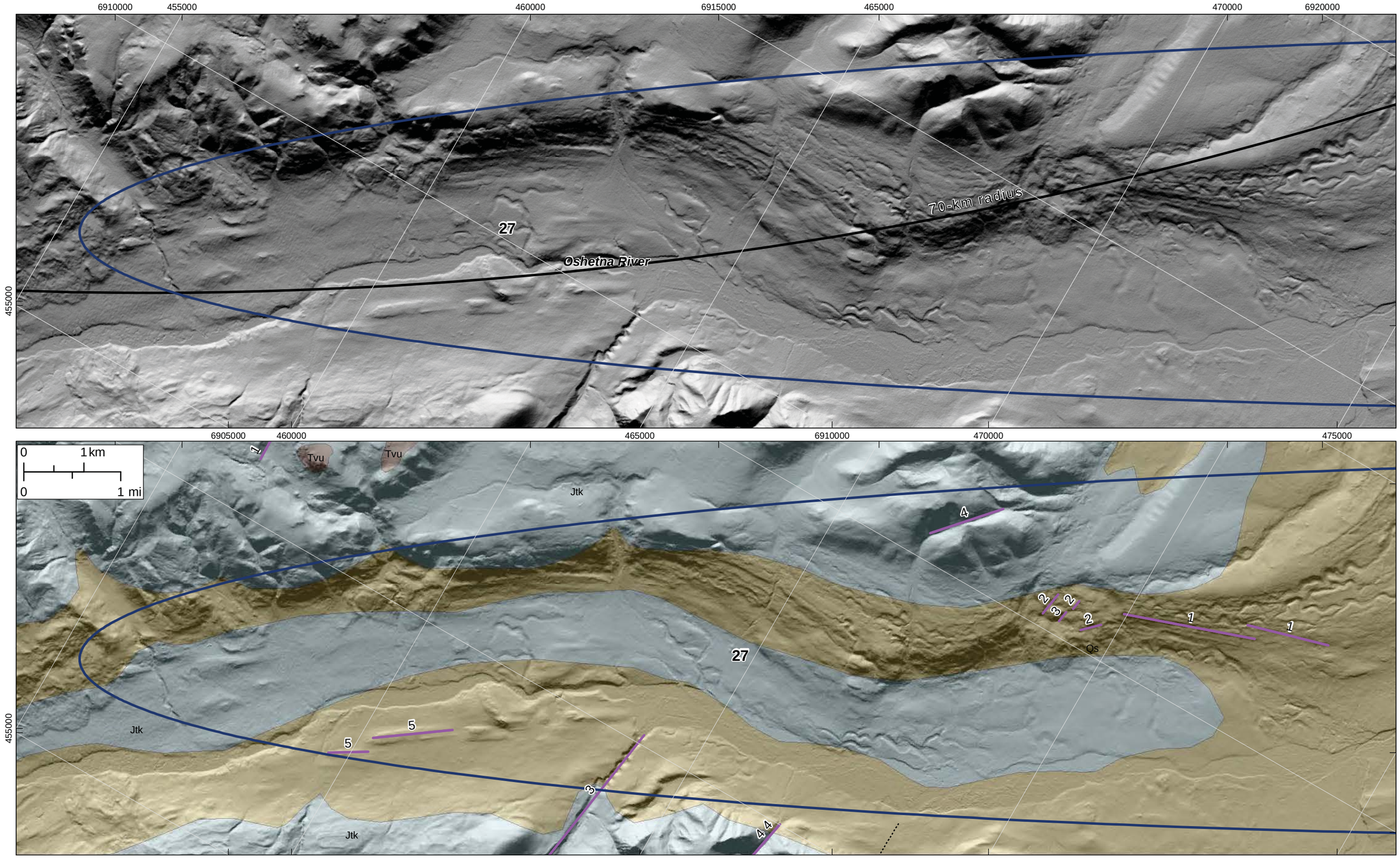
STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 26

FIGURE

A26



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
Designed _____
Drawn _____
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DATA FRAME HAS BEEN ROTATED
30 DEGREES WEST OF NORTH
1:60,000

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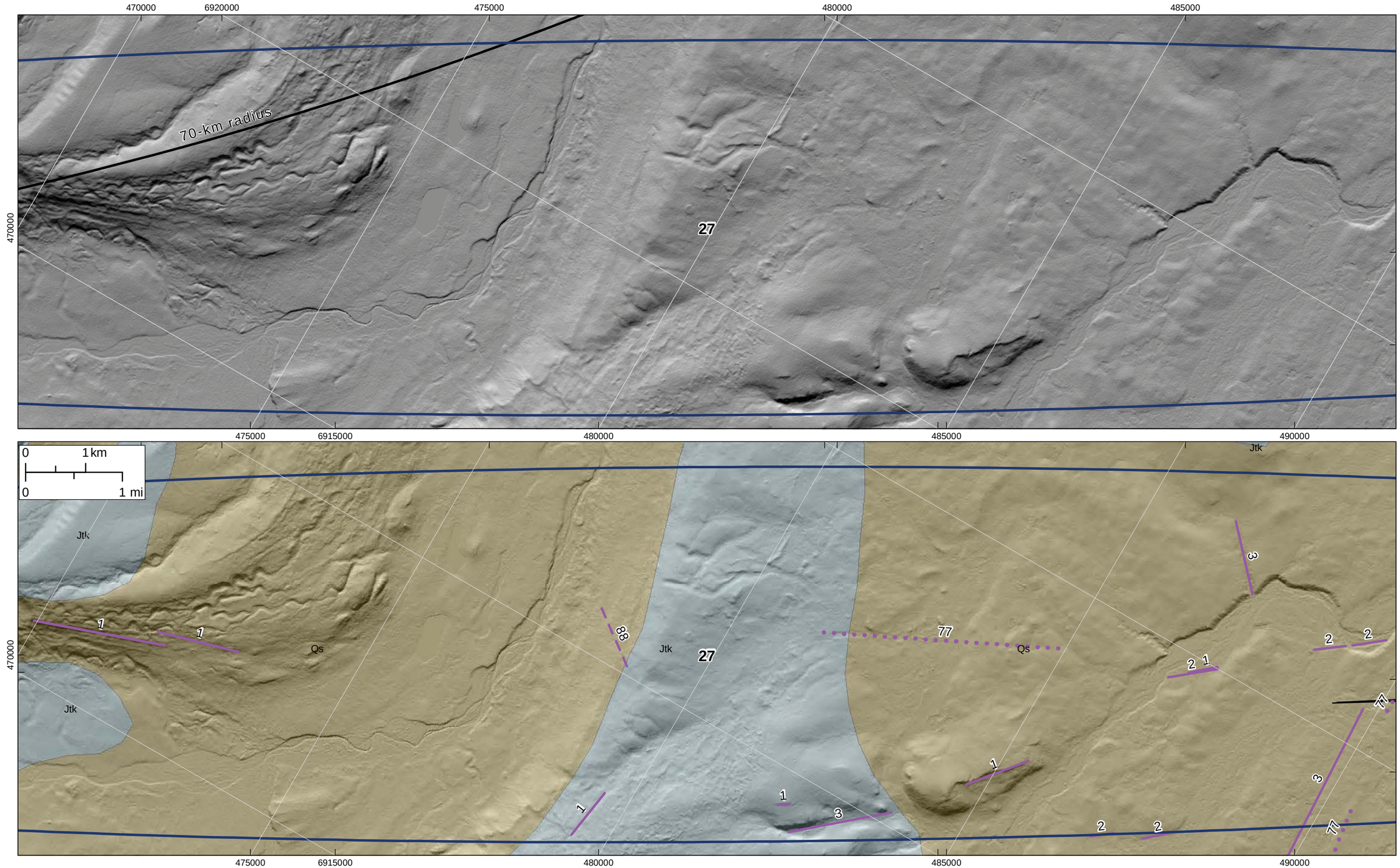
STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 27

FIGURE

A27-1



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

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Date 03/26/2013
Designed _____
Drawn _____
Approved _____

DATA FRAME HAS BEEN ROTATED
30 DEGREES WEST OF NORTH
1:60,000

FUGRO

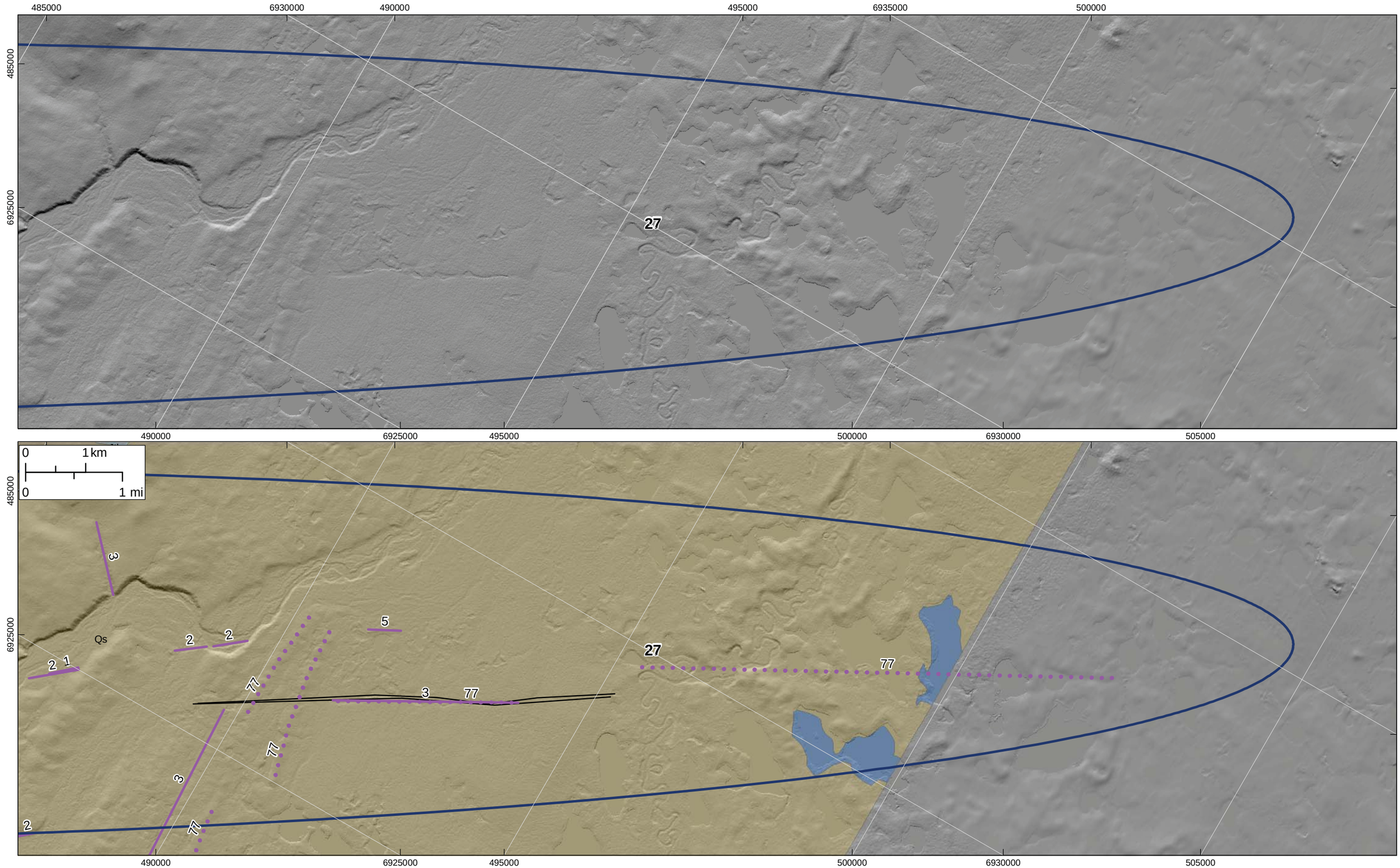
STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 27

FIGURE

A27-2



SEE FIGURE A1-2 FOR EXPLANATION

REV	DESCRIPTION	BY	DATE

SCALE

Project No. _____
Date 03/26/2013
Designed _____
Drawn _____
Approved _____

DATA FRAME HAS BEEN ROTATED
30 DEGREES WEST OF NORTH
1:60,000

FUGRO

STATE OF ALASKA
ALASKA ENERGY AUTHORITY
ALASKA ENERGY AUTHORITY

SUSITNA-WATANA HYDROELECTRIC PROJECT

LINEAMENT GROUP 27

FIGURE

A27-3